

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082316\
 Data File : BF089823.D
 Acq On : 23 Aug 2016 10:05
 Operator : UM/SJ
 Sample : H4547-01MS
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 D-1(2-2.5)MS

Manual Integrations
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 8/25/2016 5:21:53 PM

Quant Time: Aug 25 13:20:30 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 19 14:02:57 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	494589	20.00	ng	-0.01
21) Naphthalene-d8	7.95	136	1958200	20.00	ng	-0.02
38) Acenaphthene-d10	9.71	164	947761	20.00	ng	0.00
63) Phenanthrene-d10	11.19	188	1754693	20.00	ng	0.00
75) Chrysene-d12	13.90	240	1507211	20.00	ng	0.02
86) Perylene-d12	15.44	264	1436066	20.00	ng	0.07

System Monitoring Compounds

5) 2-Fluorophenol	5.24	112	3427006	118.83	ng	-0.01
7) Phenol-d6	6.31	99	4296210	121.35	ng	-0.01
23) Nitrobenzene-d5	7.23	82	2527619	80.19	ng	-0.02
41) 2,4,6-Tribromophenol	10.50	330	1105577	122.75	ng	0.00
44) 2-Fluorobiphenyl	9.04	172	3988496	73.96	ng	-0.01
78) Terphenyl-d14	12.79	244	3837576	57.60	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.18	88	474510	33.25	ng	98
3) Pyridine	2.82	79	1432004	38.25	ng	90
4) n-Nitrosodimethylamine	2.78	42	559738	40.16	ng	# 77
6) Aniline	6.33	93	1525856	32.13	ng	# 71
8) 2-Chlorophenol	6.46	128	1446110	41.93	ng	# 78
9) Benzaldehyde	6.20	77	369481	16.02	ng	88
10) Phenol	6.33	94	1632151	39.33	ng	92
11) bis(2-Chloroethyl)ether	6.41	93	1267834	39.41	ng	99
12) 1,3-Dichlorobenzene	6.60	146	1387916	38.49	ng	98
13) 1,4-Dichlorobenzene	6.68	146	1435949	38.74	ng	98
14) 1,2-Dichlorobenzene	6.84	146	1410666	40.77	ng	99
15) Benzyl Alcohol	6.82	79	1131904	48.21	ng	# 89
16) 2,2'-oxybis(1-Chloropropan	6.96	45	1521735	36.95	ng	92
17) 2-Methylphenol	6.94	107	1152819	42.68	ng	97
18) Hexachloroethane	7.19	117	564832m	42.73	ng	
19) n-Nitroso-di-n-propylamine	7.10	70	891295	39.36	ng	88
20) 3+4-Methylphenols	7.10	107	1499266	45.27	ng	# 51
22) Acetophenone	7.08	105	1834151	40.79	ng	# 89
24) Nitrobenzene	7.26	77	1493584	42.23	ng	95
25) Isophorone	7.50	82	2604689	40.97	ng	98
26) 2-Nitrophenol	7.58	139	821223	46.54	ng	96
27) 2,4-Dimethylphenol	7.62	122	1362033	42.83	ng	98
28) bis(2-Chloroethoxy)methane	7.72	93	1783655	45.35	ng	# 96
29) 2,4-Dichlorophenol	7.82	162	1184390	44.39	ng	96
30) 1,2,4-Trichlorobenzene	7.90	180	1195515	40.51	ng	99
31) Naphthalene	7.98	128	4754653	51.95	ng	97
32) Benzoic acid	7.71	122	314670	12.70	ng	97
33) 4-Chloroaniline	8.03	127	1032765	26.03	ng	98
34) Hexachlorobutadiene	8.10	225	591439	38.27	ng	99
35) Caprolactam	8.40	113	339994m	41.84	ng	
36) 4-Chloro-3-methylphenol	8.52	107	1265378	43.79	ng	92
37) 2-Methylnaphthalene	8.67	142	3287379	55.52	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	851368	27.74	ng	98
40) Hexachlorocyclopentadiene	8.83	237	1170623	109.86	ng	98

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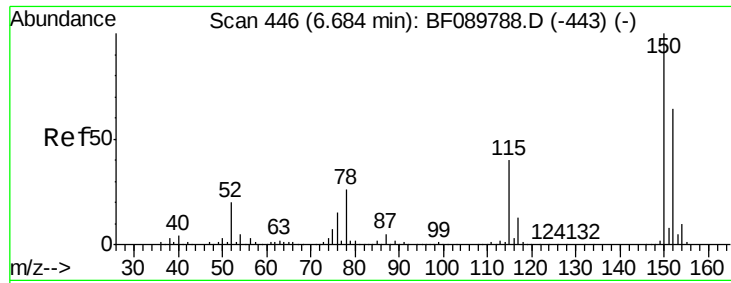
Manual Integrations
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Quant Time: Aug 25 13:20:30 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 19 14:02:57 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.95	196	816179	42.27	ng	99
43) 2,4,5-Trichlorophenol	8.99	196	835215	43.49	ng	97
45) 1,1'-Biphenyl	9.14	154	2722689	37.12	ng	94
46) 2-Chloronaphthalene	9.15	162	2217101	38.24	ng	98
47) 2-Nitroaniline	9.26	65	820831	49.64	ng	# 70
48) Acenaphthylene	9.56	152	3615089	41.50	ng	99
49) Dimethylphthalate	9.45	163	4161606	62.36	ng	97
50) 2,6-Dinitrotoluene	9.51	165	658753	42.76	ng	# 62
51) Acenaphthene	9.75	154	2611579	45.29	ng	99
52) 3-Nitroaniline	9.67	138	581264	34.05	ng	# 72
53) 2,4-Dinitrophenol	9.77	184	541037	65.03	ng	# 76
54) Dibenzofuran	9.92	168	3436208	47.45	ng	90
55) 4-Nitrophenol	9.84	139	1275959	91.58	ng	# 74
56) 2,4-Dinitrotoluene	9.90	165	786131	39.33	ng	# 62
57) Fluorene	10.25	166	2420153	41.93	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.03	232	697404	49.90	ng	98
59) Diethylphthalate	10.15	149	2736543	40.37	ng	99
60) 4-Chlorophenyl-phenylether	10.25	204	1025984	38.97	ng	93
61) 4-Nitroaniline	10.27	138	695960	43.49	ng	96
62) Azobenzene	10.41	77	2791982	43.81	ng	95
64) 4,6-Dinitro-2-methylphenol	10.31	198	446371	44.27	ng	# 68
65) n-Nitrosodiphenylamine	10.38	169	2486476	45.07	ng	99
66) 4-Bromophenyl-phenylether	10.74	248	748654	40.69	ng	# 84
67) Hexachlorobenzene	10.80	284	807520	38.48	ng	# 86
68) Atrazine	10.90	200	701331	41.51	ng	96
69) Pentachlorophenol	10.99	266	886993	74.56	ng	98
70) Phenanthrene	11.21	178	3579856	40.39	ng	95
71) Anthracene	11.26	178	3801147	42.19	ng	99
72) Carbazole	11.42	167	3269156	40.46	ng	97
73) Di-n-butylphthalate	11.77	149	4312501	42.66	ng	98
74) Fluoranthene	12.40	202	3876904	45.99	ng	97
76) Benzidine	12.53	184	2025206	41.52	ng	98
77) Pyrene	12.63	202	3954298	32.22	ng	97
79) Butylbenzylphthalate	13.29	149	1911208	34.48	ng	92
80) Benzo(a)anthracene	13.89	228	3374414	39.09	ng	99
81) 3,3'-Dichlorobenzidine	13.85	252	994506	35.14	ng	99
82) Chrysene	13.92	228	2872682	38.82	ng	100
83) Bis(2-ethylhexyl)phthalate	13.92	149	2589916	33.92	ng	97
84) Di-n-octyl phthalate	14.62	149	4525825	44.60	ng	# 94
85) Indeno(1,2,3-cd)pyrene	16.74	276	3101315	32.85	ng	99
87) Benzo(b)fluoranthene	15.04	252	3308089	41.87	ng	97
88) Benzo(k)fluoranthene	15.07	252	3239528m	45.20	ng	
89) Benzo(a)pyrene	15.38	252	3117576	41.69	ng	98
90) Dibenzo(a,h)anthracene	16.77	278	2590655	31.92	ng	99
91) Benzo(g,h,i)perylene	17.13	276	2508594	29.35	ng	# 93

(#) = qualifier out of range (m) = manual integration (+) = signals summed



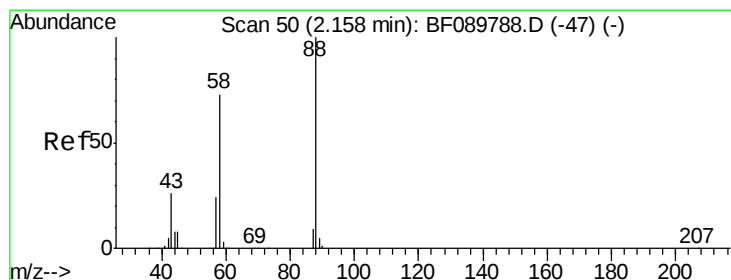
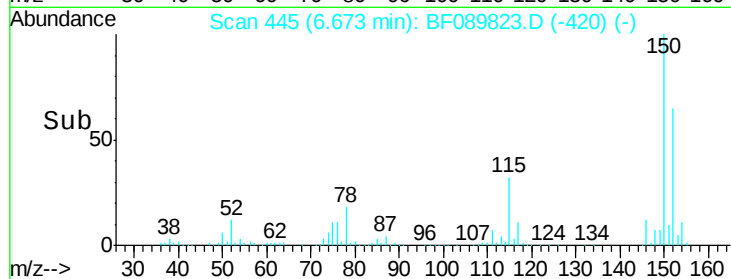
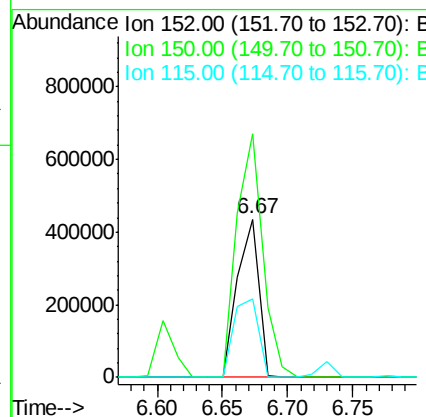
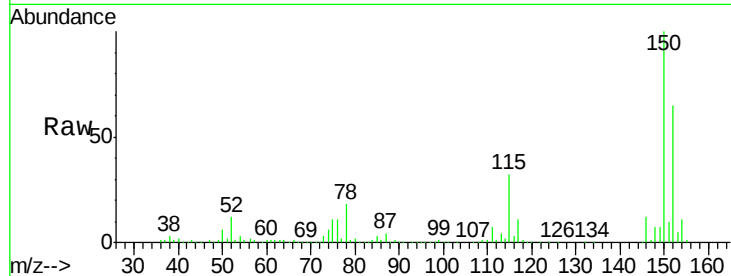
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 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.67 min Scan# 445
 Delta R.T. -0.01 min
 Lab File: BF089823.D
 Acq: 23 Aug 2016 10:05

Instrument :
 BNA_F
 ClientSampleId :
 D-1(2-2.5)MS

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	494589		
150	153.9	125.3	187.9	
115	50.0	40.9	61.3	

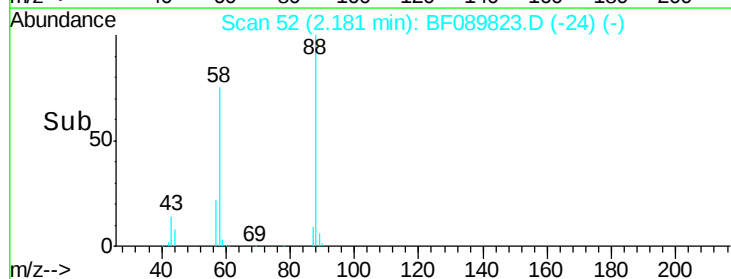
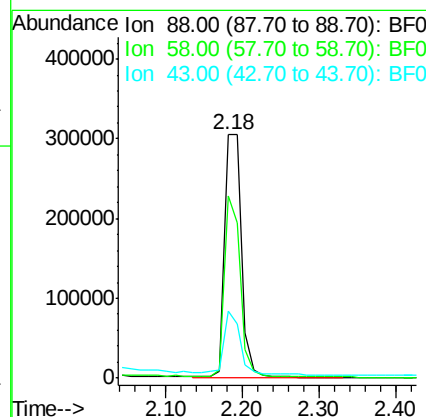
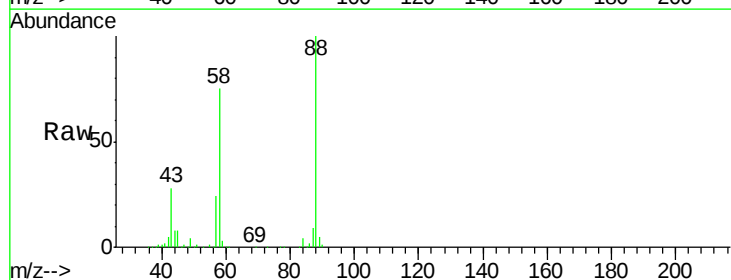
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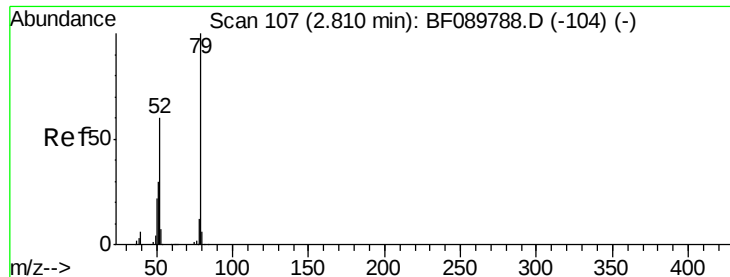
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#2
 1,4-Dioxane
 Concen: 33.25 ng
 RT: 2.18 min Scan# 52
 Delta R.T. 0.02 min
 Lab File: BF089823.D
 Acq: 23 Aug 2016 10:05

Tgt Ion	Ratio	Resp	Lower	Upper
88	100	474510		
58	69.2	57.0	85.4	
43	28.5	21.8	32.8	





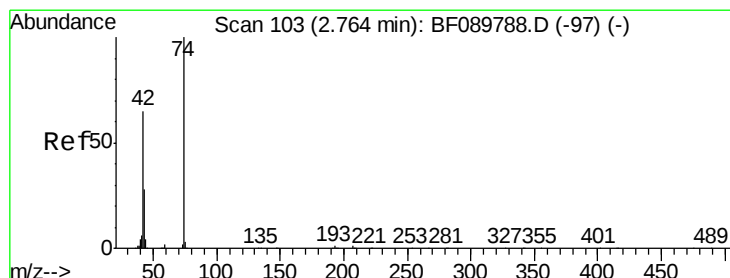
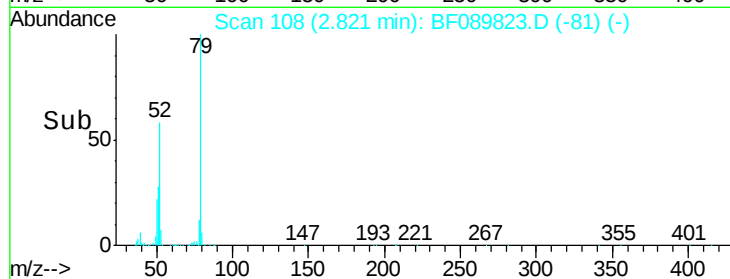
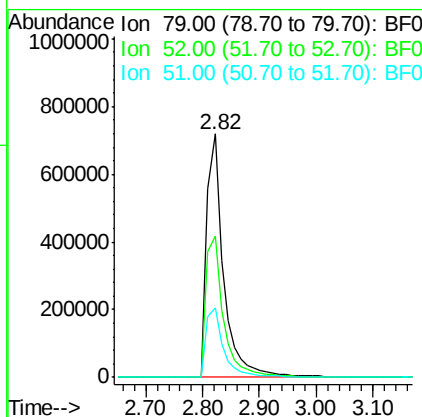
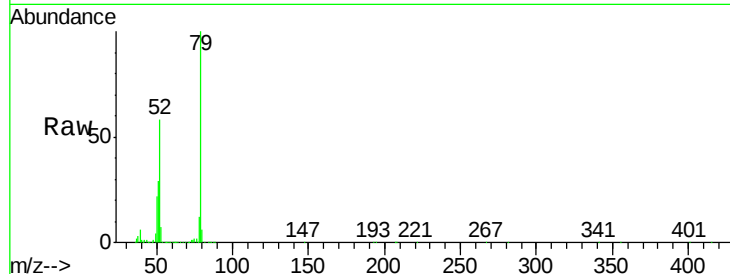
#3
 Pyridine
 Concen: 38.25 ng
 RT: 2.82 min Scan# 108
 Delta R.T. 0.01 min
 Lab File: BF089823.D
 Acq: 23 Aug 2016 10:05

Instrument :
 BNA_F
 ClientSampleId :
 D-1(2-2.5)MS

Tgt Ion: 79 Resp: 1432004
 Ion Ratio Lower Upper
 79 100
 52 58.2 53.6 80.4
 51 28.5 26.6 39.8

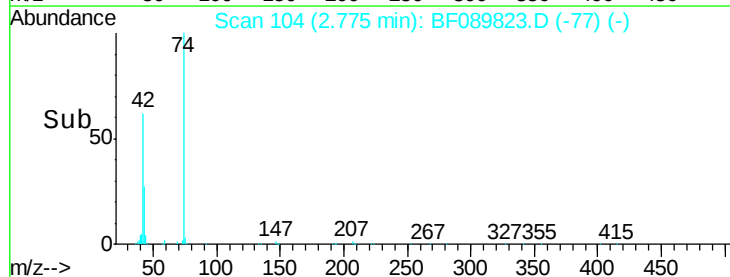
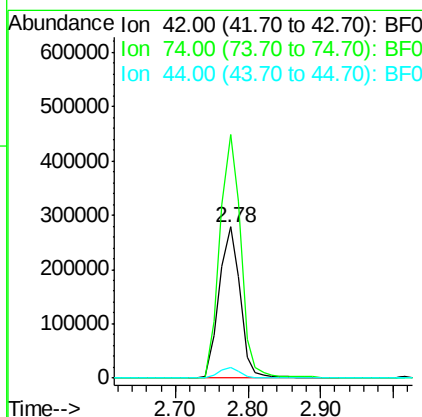
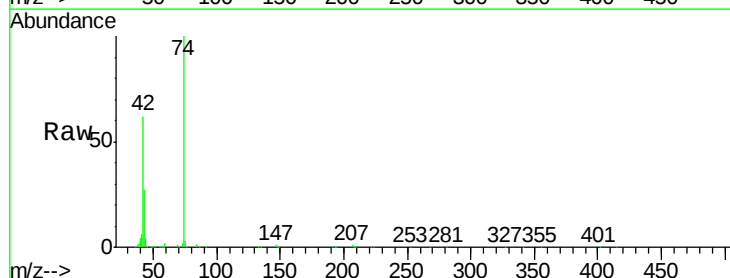
Manual Integrations
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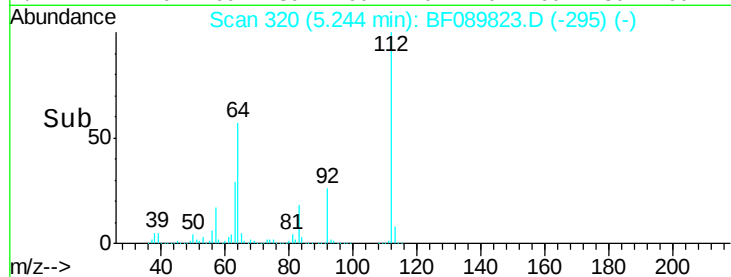
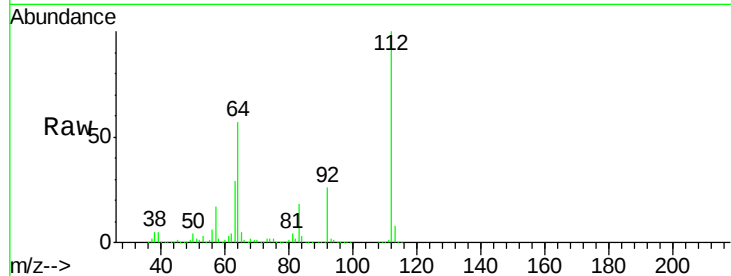
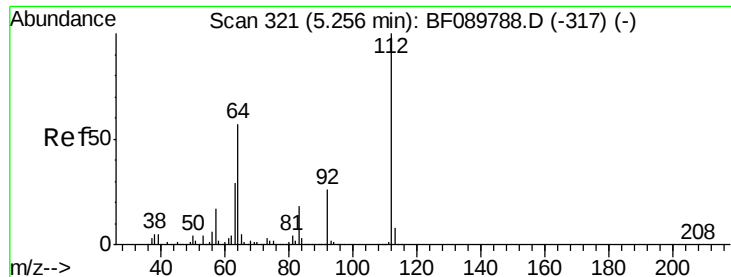
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#4
 n-Nitrosodimethylamine
 Concen: 40.16 ng
 RT: 2.78 min Scan# 104
 Delta R.T. 0.01 min
 Lab File: BF089823.D
 Acq: 23 Aug 2016 10:05

Tgt Ion: 42 Resp: 559738
 Ion Ratio Lower Upper
 42 100
 74 160.9 106.2 159.2#
 44 6.8 6.9 10.3#





#5

2-Fluorophenol

Concen: 118.83 ng

RT: 5.24 min Scan# 320

Delta R.T. -0.01 min

Lab File: BF089823.D

Acq: 23 Aug 2016 10:05

Tgt Ion:	112	Resp:	3427006
Ion	Ratio	Lower	Upper
112	100		
64	57.0	45.0	67.4
63	28.6	23.1	34.7

Instrument :

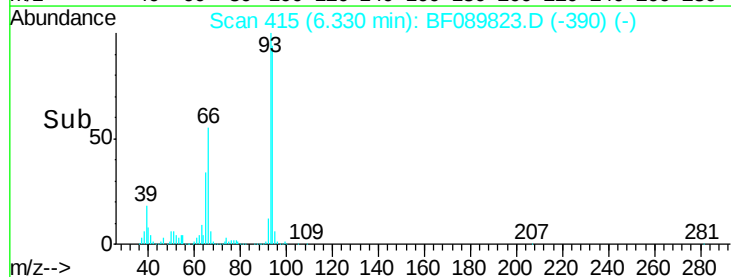
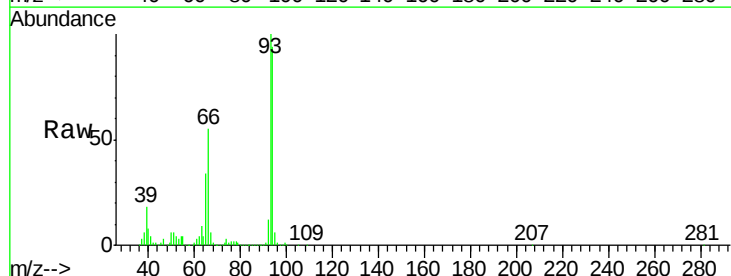
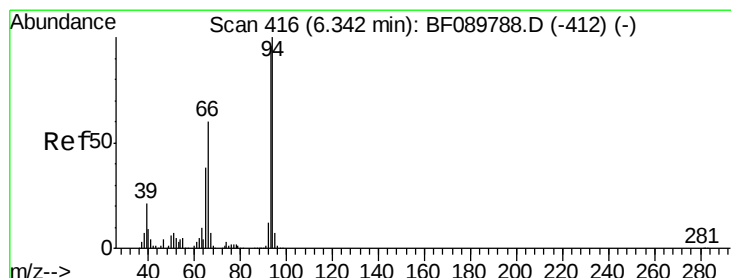
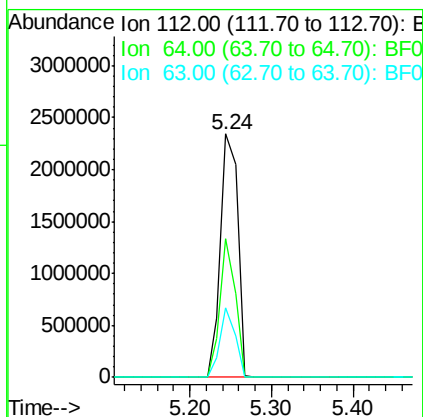
BNA_F

ClientSampleId :

D-1(2-2.5)MS

Manual Integrations
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#6

Aniline

Concen: 32.13 ng

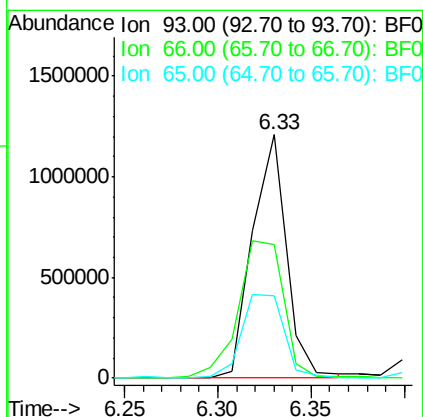
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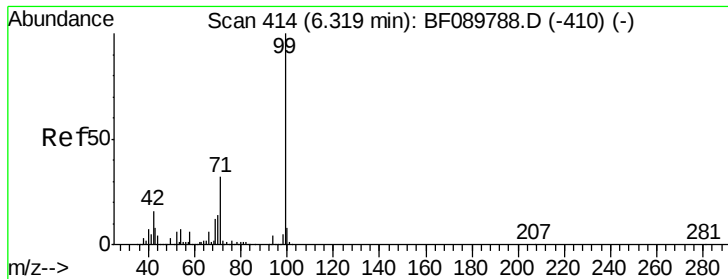
Delta R.T. -0.01 min

Lab File: BF089823.D

Acq: 23 Aug 2016 10:05

Tgt Ion:	93	Resp:	1525856
Ion	Ratio	Lower	Upper
93	100		
66	54.9	30.6	46.0#
65	33.9	15.4	23.2#





#7

Phenol-d6

Concen: 121.35 ng

RT: 6.31 min Scan# 413

Delta R.T. -0.01 min

Lab File: BF089823.D

Acq: 23 Aug 2016 10:05

Instrument :

BNA_F

ClientSampleId :

D-1(2-2.5)MS

Tgt Ion: 99 Resp: 4296210

Ion Ratio Lower Upper

99 100

42 14.7 12.2 18.4

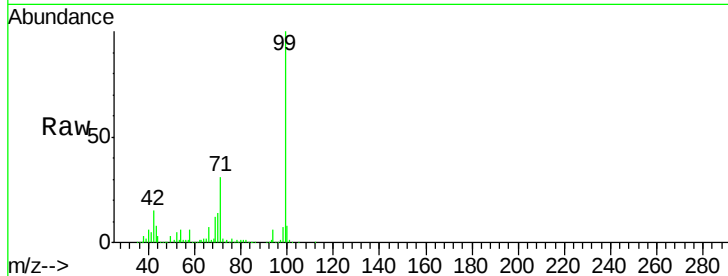
71 31.4 23.8 35.8

Manual Integrations

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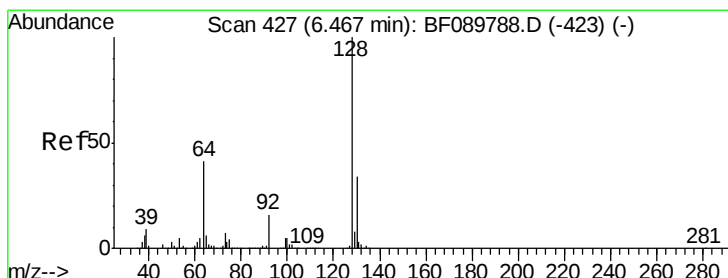
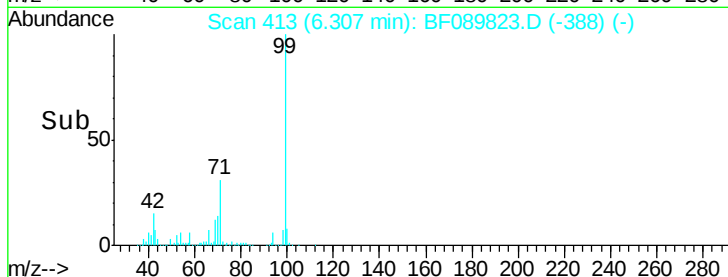
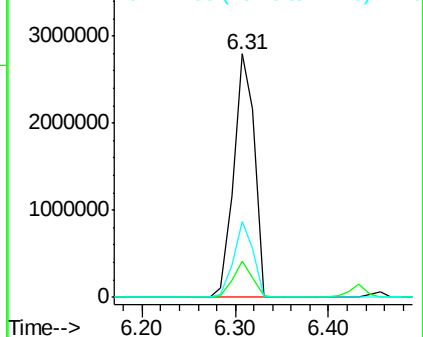
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 41.93 ng

RT: 6.46 min Scan# 426

Delta R.T. -0.01 min

Lab File: BF089823.D

Acq: 23 Aug 2016 10:05

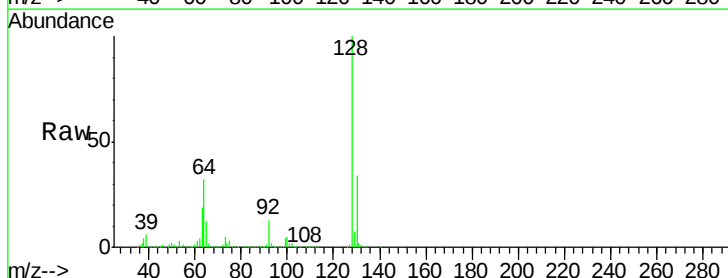
Tgt Ion: 128 Resp: 1446110

Ion Ratio Lower Upper

128 100

130 34.4 12.0 52.0

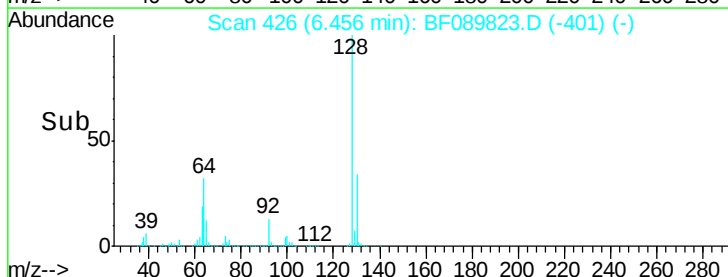
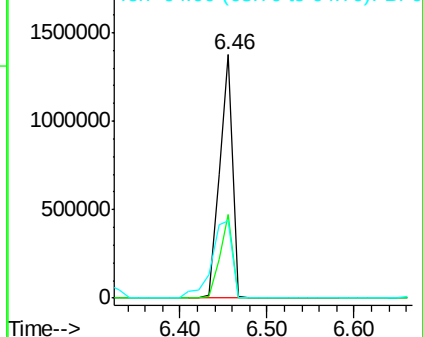
64 31.7 35.1 75.1#

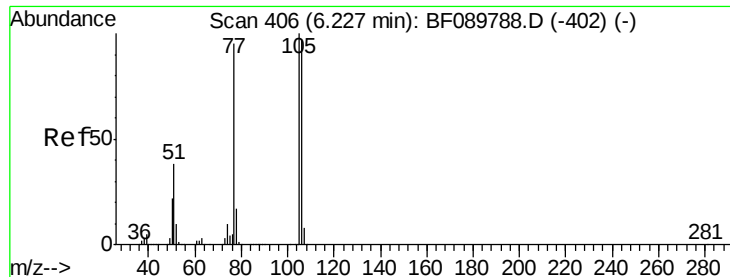


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 16.02 ng

RT: 6.20 min Scan# 404

Delta R.T. -0.02 min

Lab File: BF089823.D

Acq: 23 Aug 2016 10:05

Instrument :

BNA_F

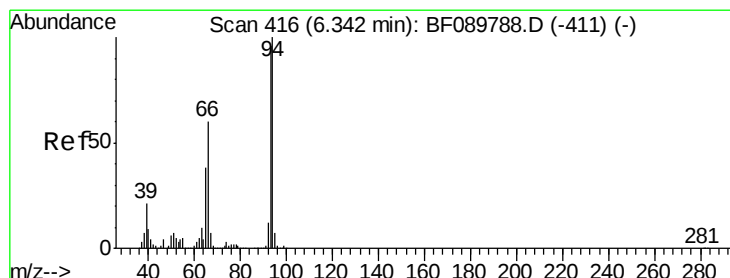
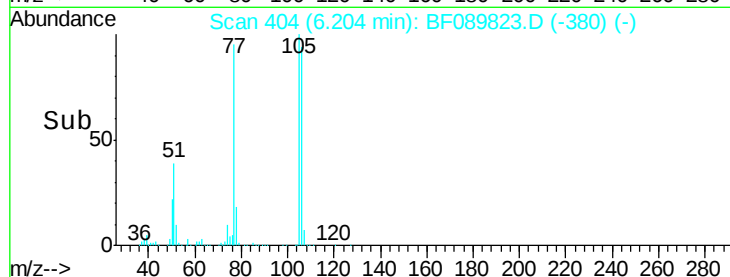
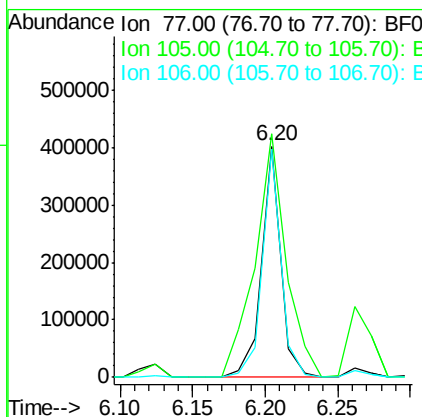
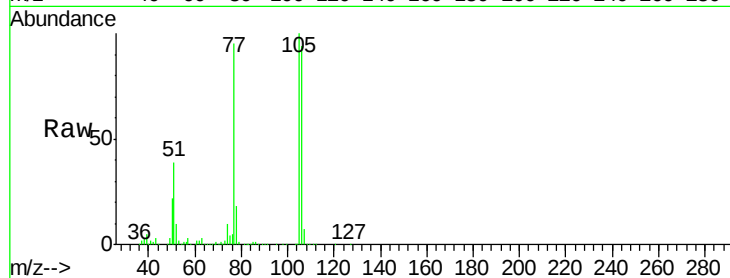
ClientSampleId :

D-1(2-2.5)MS

Tgt Ion	Ratio	Lower	Upper
77	100		
105	105.2	73.3	113.3
106	98.8	68.6	108.6

Manual Integrations
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#10

Phenol

Concen: 39.33 ng

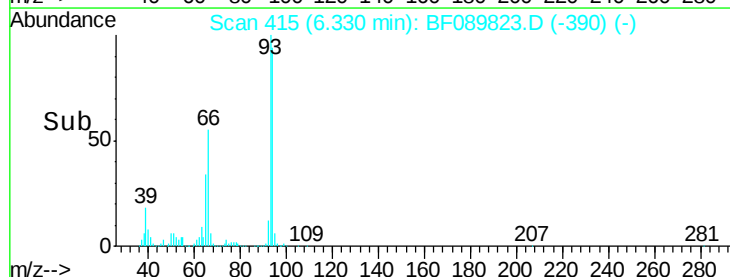
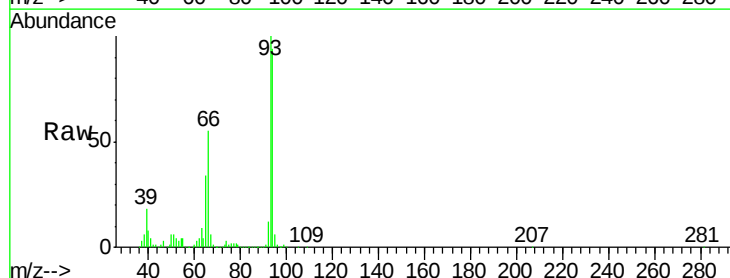
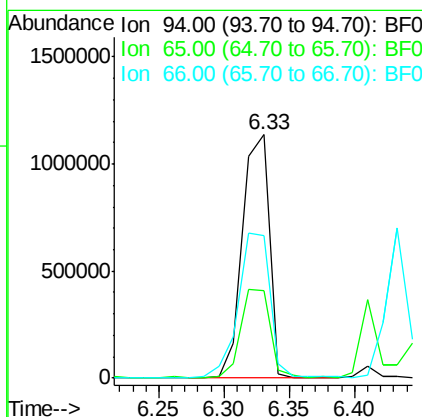
RT: 6.33 min Scan# 415

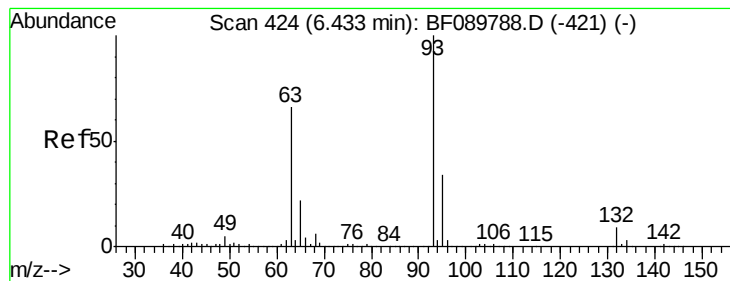
Delta R.T. -0.01 min

Lab File: BF089823.D

Acq: 23 Aug 2016 10:05

Tgt Ion	Ratio	Lower	Upper
94	100		
65	36.1	14.0	54.0
66	58.4	31.2	71.2





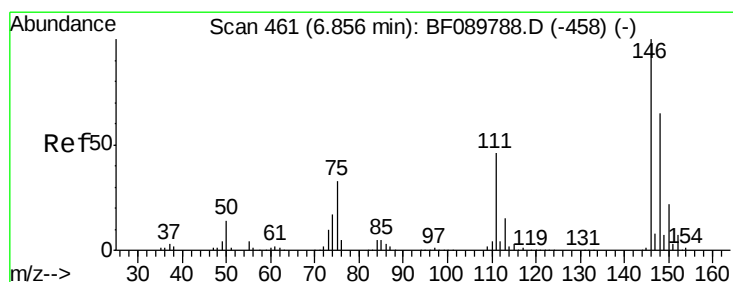
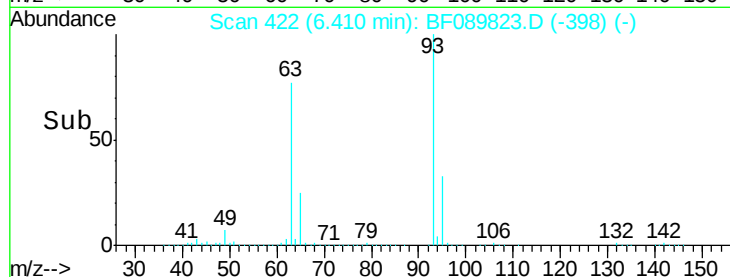
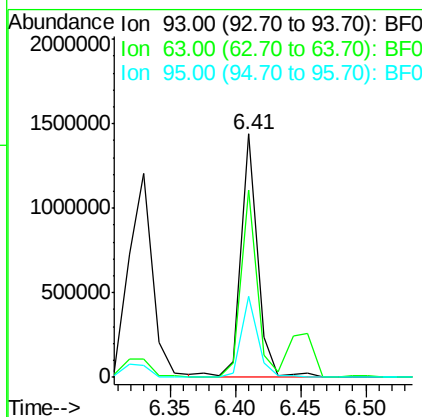
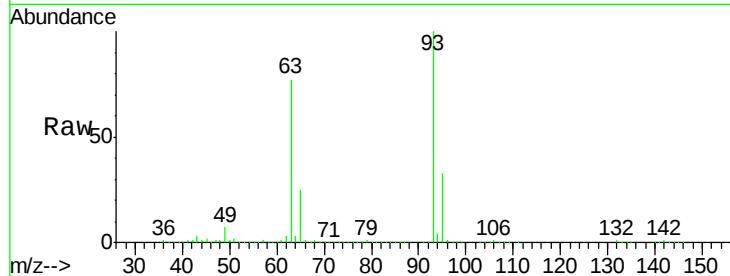
#11
 bis(2-Chloroethyl)ether
 Concen: 39.41 ng
 RT: 6.41 min Scan# 422
 Delta R.T. -0.02 min
 Lab File: BF089823.D
 Acq: 23 Aug 2016 10:05

Instrument :
 BNA_F
 ClientSampleId :
 D-1(2-2.5)MS

Tgt Ion: 93 Resp: 1267834
 Ion Ratio Lower Upper
 93 100
 63 77.0 55.8 95.8
 95 33.3 13.0 53.0

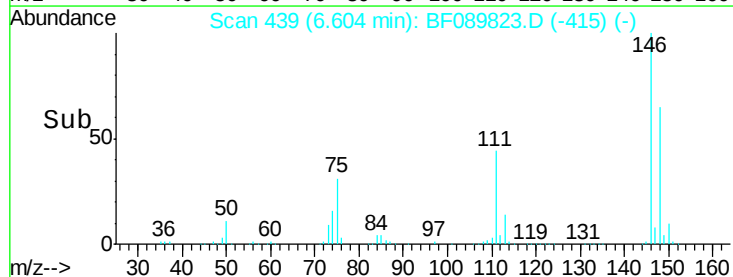
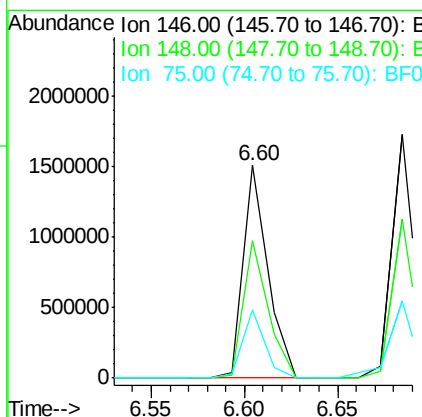
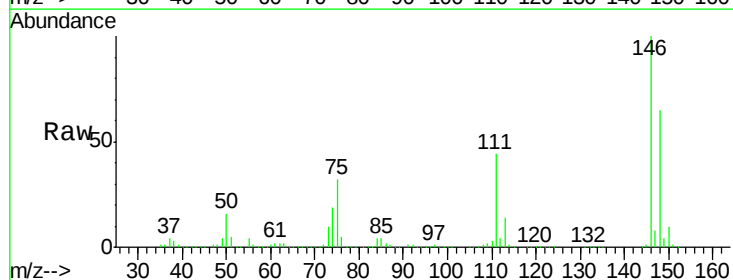
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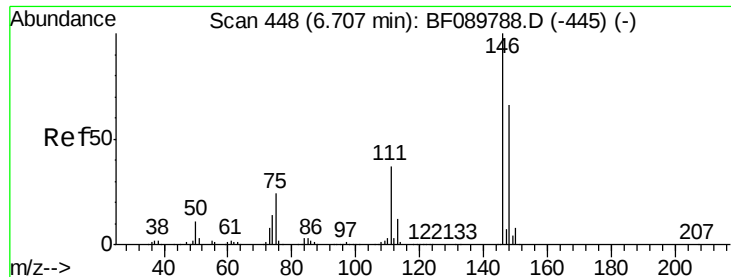
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#12
 1,3-Dichlorobenzene
 Concen: 38.49 ng
 RT: 6.60 min Scan# 439
 Delta R.T. -0.02 min
 Lab File: BF089823.D
 Acq: 23 Aug 2016 10:05

Tgt Ion: 146 Resp: 1387916
 Ion Ratio Lower Upper
 146 100
 148 64.7 51.0 76.4
 75 32.4 27.0 40.6





#13

1,4-Dichlorobenzene

Concen: 38.74 ng

RT: 6.68 min Scan# 446

Delta R.T. -0.02 min

Lab File: BF089823.D

Acq: 23 Aug 2016 10:05

Instrument :

BNA_F

ClientSampleId :

D-1(2-2.5)MS

Tgt Ion:146 Resp: 1435949

Ion Ratio Lower Upper

146 100

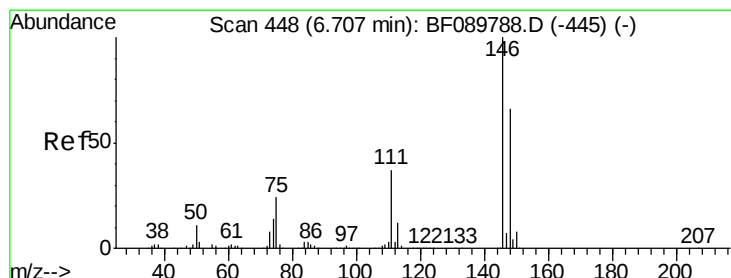
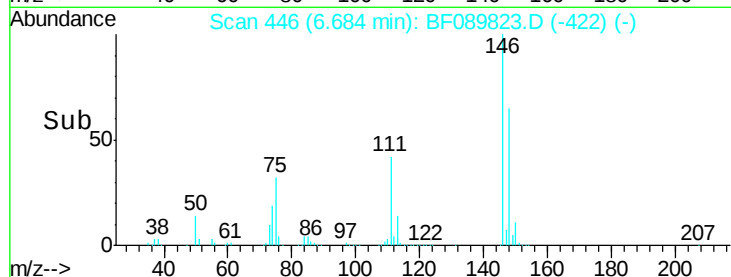
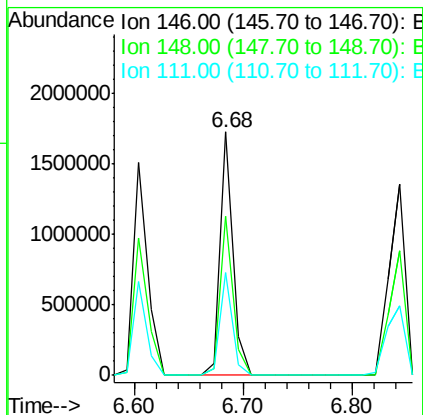
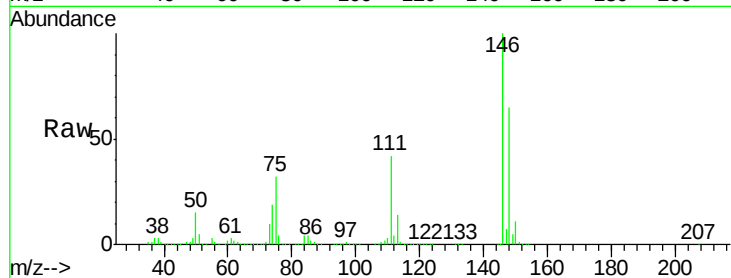
148 65.2 51.0 76.6

111 42.4 34.6 52.0

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#14

1,2-Dichlorobenzene

Concen: 40.77 ng

RT: 6.84 min Scan# 460

Delta R.T. -0.01 min

Lab File: BF089823.D

Acq: 23 Aug 2016 10:05

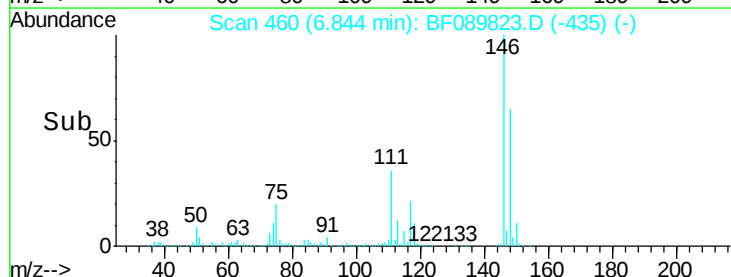
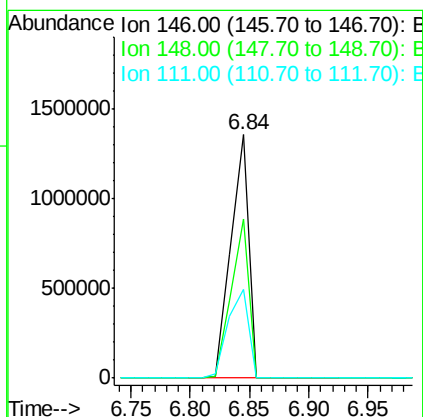
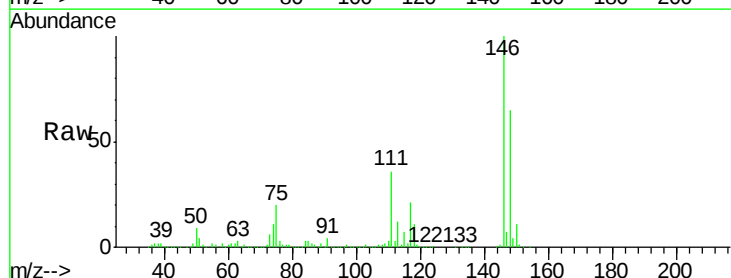
Tgt Ion:146 Resp: 1410666

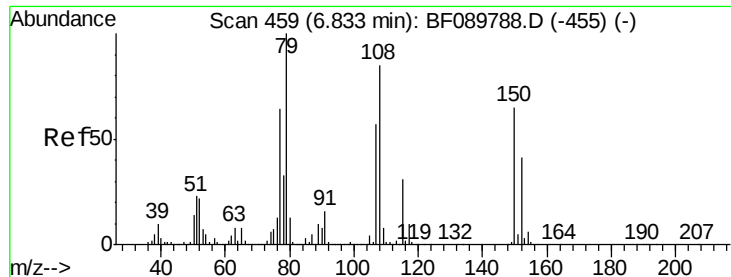
Ion Ratio Lower Upper

146 100

148 65.5 52.2 78.2

111 36.2 29.8 44.6





#15

Benzyl Alcohol

Concen: 48.21 ng

RT: 6.82 min Scan# 458

Delta R.T. -0.01 min

Lab File: BF089823.D

Acq: 23 Aug 2016 10:05

Instrument :

BNA_F

ClientSampleId :

D-1(2-2.5)MS

Tgt Ion: 79 Resp: 1131904

Ion Ratio Lower Upper

79 100

108 94.6 62.5 93.7#

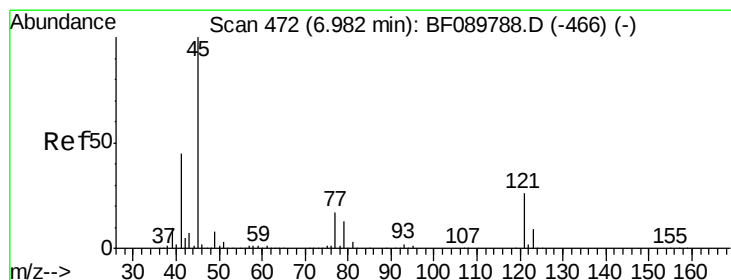
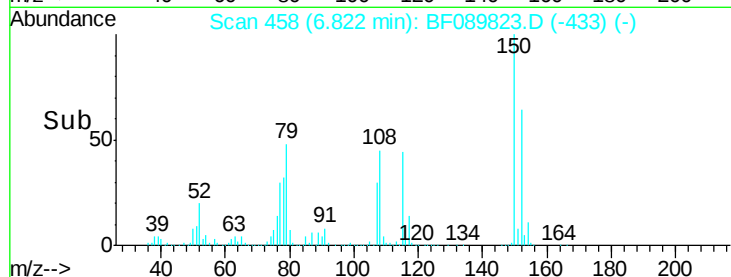
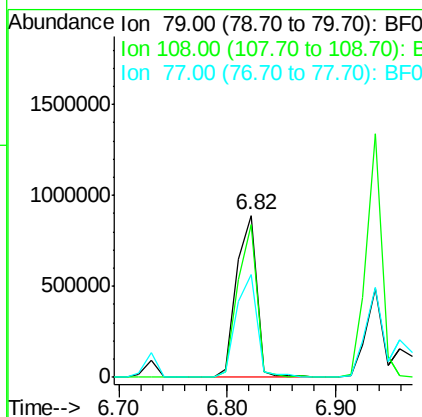
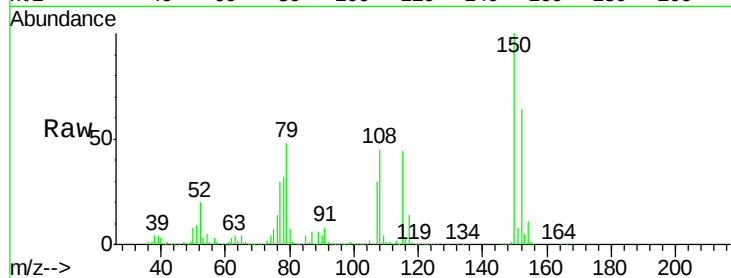
77 63.3 51.5 77.3

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.95 ng

RT: 6.96 min Scan# 470

Delta R.T. -0.02 min

Lab File: BF089823.D

Acq: 23 Aug 2016 10:05

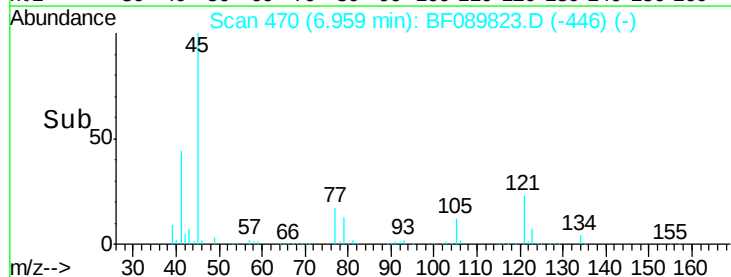
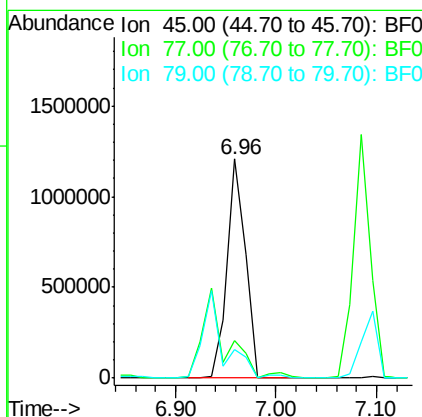
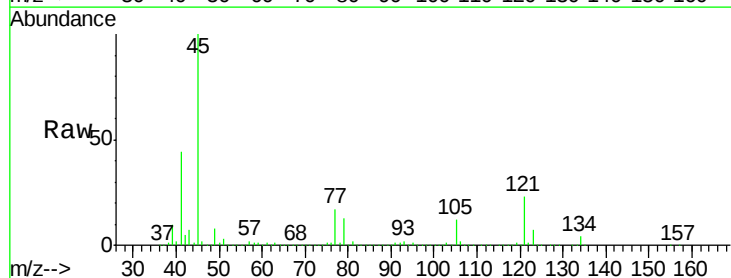
Tgt Ion: 45 Resp: 1521735

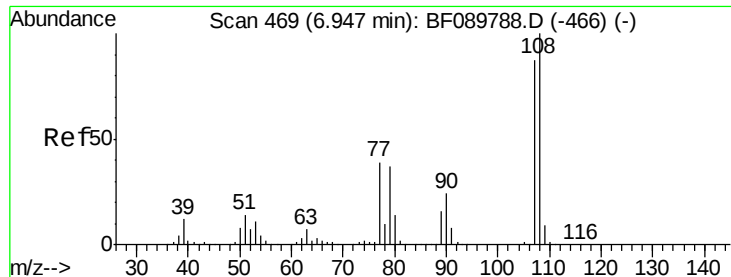
Ion Ratio Lower Upper

45 100

77 17.3 0.0 33.5

79 13.2 0.0 30.7





#17

2-Methylphenol

Concen: 42.68 ng

RT: 6.94 min Scan# 468

Delta R.T. -0.01 min

Lab File: BF089823.D

Acq: 23 Aug 2016 10:05

Instrument :

BNA_F

ClientSampleId :

D-1(2-2.5)MS

Tgt Ion:107 Resp: 1152819

Ion Ratio Lower Upper

107 100

108 114.5 91.0 136.4

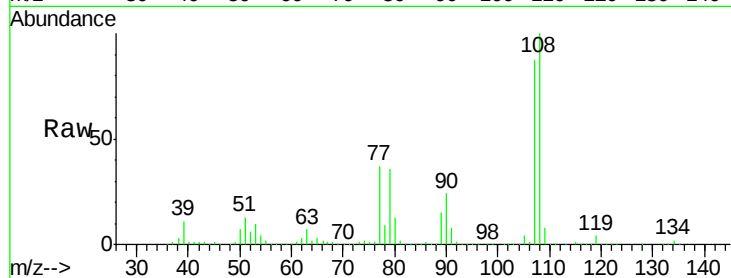
77 42.5 37.4 56.0

79 41.5 36.6 55.0

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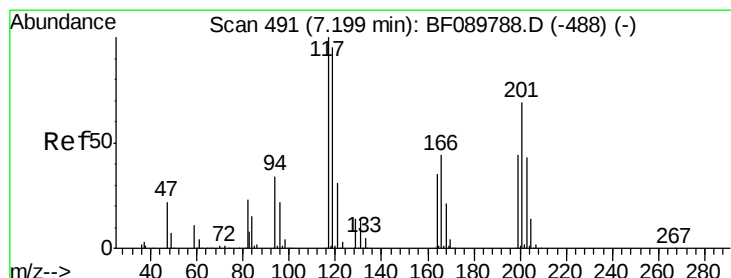
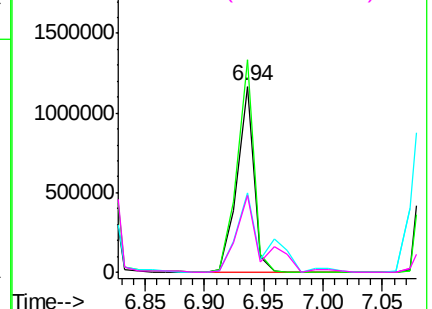
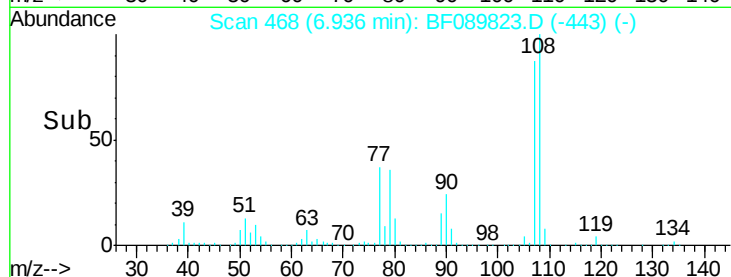


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 42.73 ng m

RT: 7.19 min Scan# 490

Delta R.T. -0.01 min

Lab File: BF089823.D

Acq: 23 Aug 2016 10:05

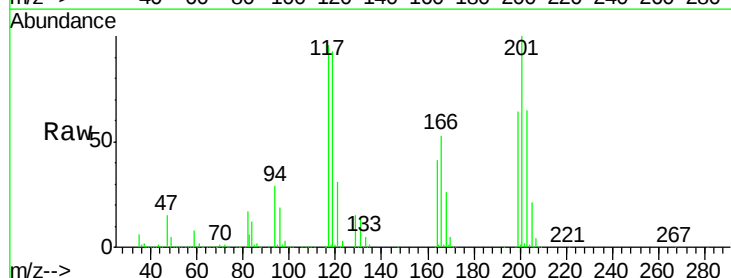
Tgt Ion:117 Resp: 564832

Ion Ratio Lower Upper

117 100

119 97.6 77.1 115.7

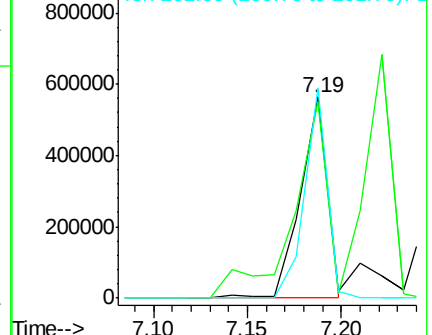
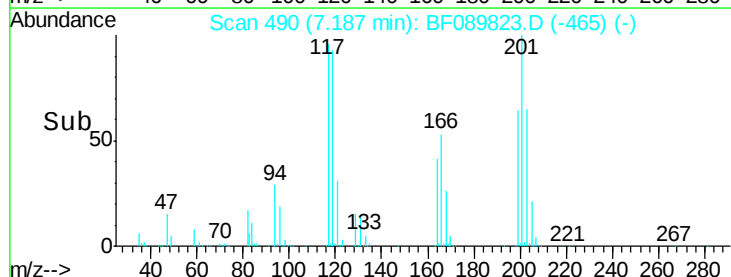
201 104.4 76.9 115.3

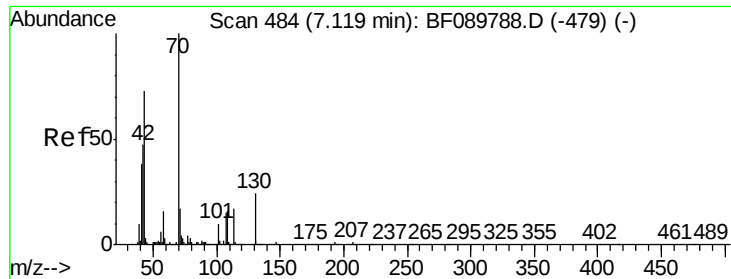


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





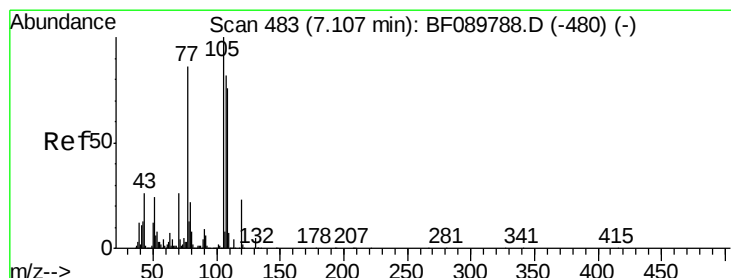
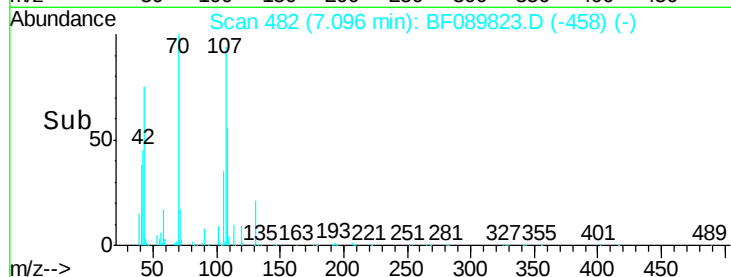
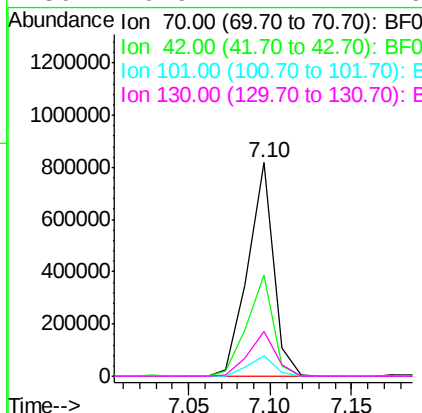
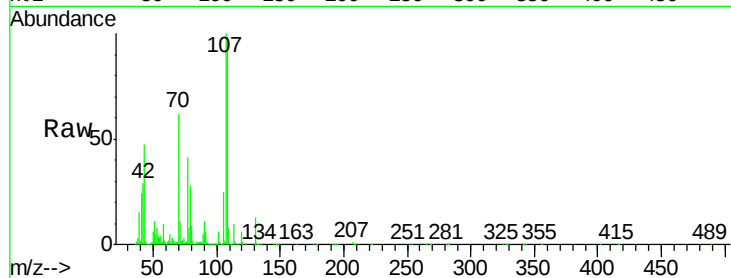
#19
n-Nitroso-di-n-propylamine
Concen: 39.36 ng
RT: 7.10 min Scan# 482
Delta R.T. -0.02 min
Lab File: BF089823.D
Acq: 23 Aug 2016 10:05

Instrument :
BNA_F
ClientSampleId :
D-1(2-2.5)MS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	47.2	46.3	69.5
101	9.7	7.0	10.6
130	20.9	14.4	21.6

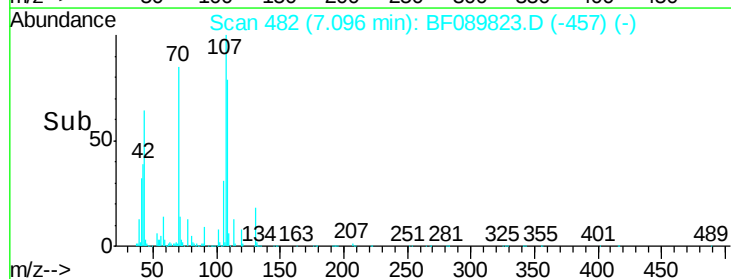
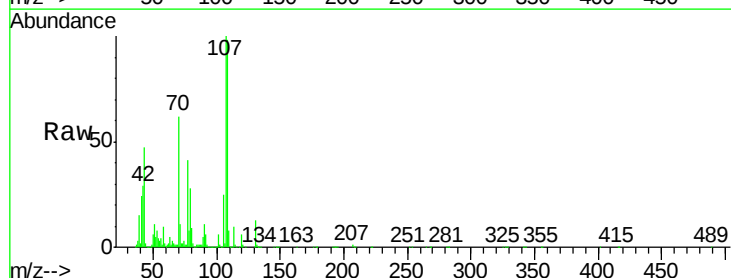
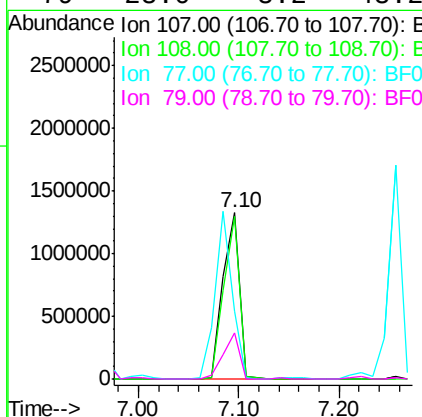
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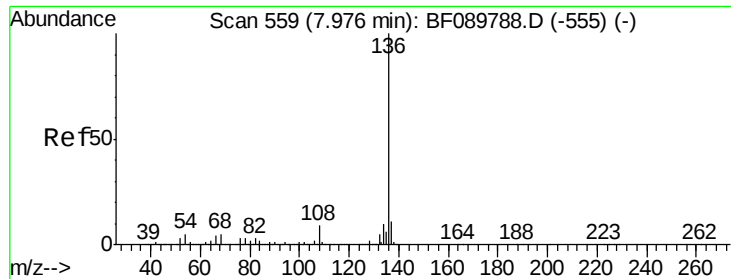
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#20
3+4-Methylphenols
Concen: 45.27 ng
RT: 7.10 min Scan# 482
Delta R.T. -0.01 min
Lab File: BF089823.D
Acq: 23 Aug 2016 10:05

Tgt Ion	Ratio	Lower	Upper
107	100		
108	97.7	68.2	108.2
77	40.8	122.3	162.3#
79	28.0	8.2	48.2





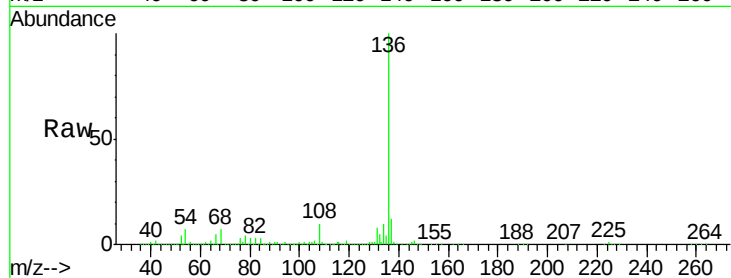
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.95 min Scan# 557
Delta R.T. -0.02 min
Lab File: BF089823.D
Acq: 23 Aug 2016 10:05

Instrument :
BNA_F
ClientSampleId :
D-1(2-2.5)MS

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.2	13.8
54	7.5	7.2	10.8
68	6.8	5.8	8.8

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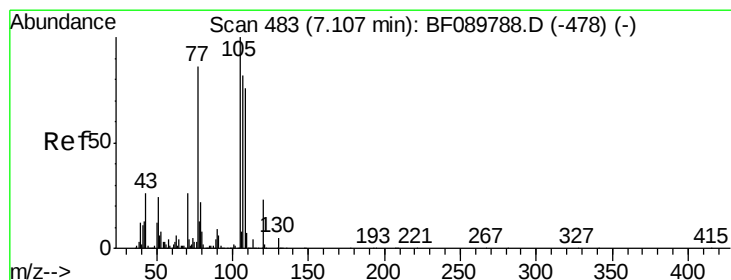
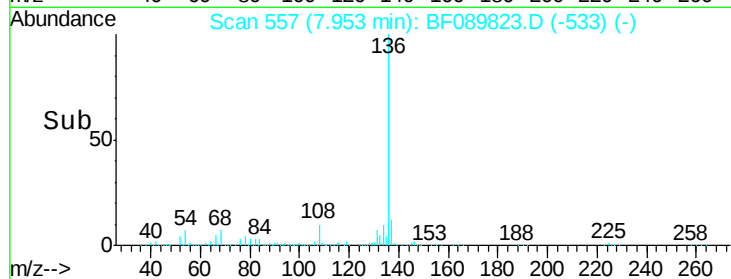
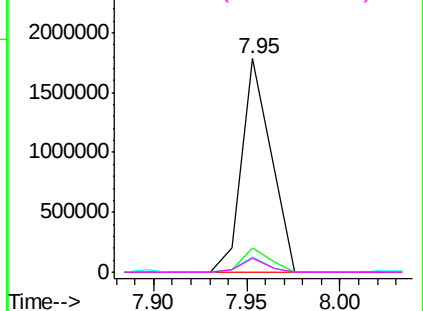
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22
Acetophenone
Concen: 40.79 ng
RT: 7.08 min Scan# 481
Delta R.T. -0.02 min
Lab File: BF089823.D
Acq: 23 Aug 2016 10:05

Tgt Ion	Ratio	Lower	Upper
105	100		
71	3.8	1.9	2.9#
51	25.7	28.5	42.7#
120	21.9	16.6	25.0

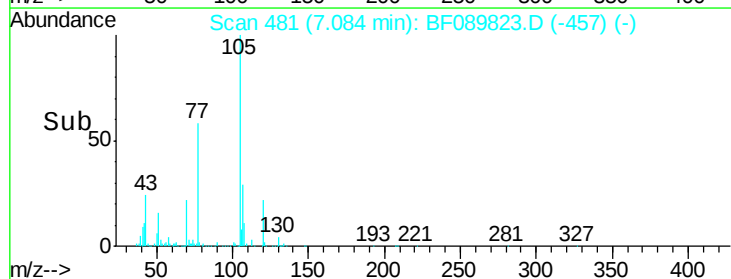
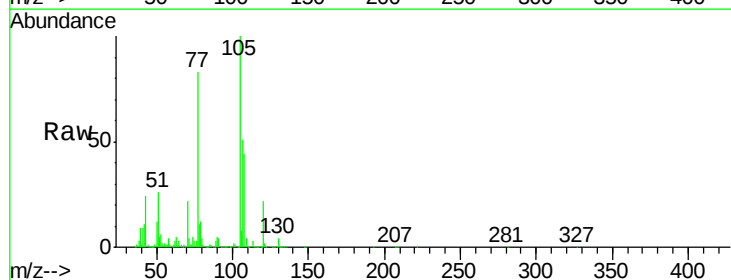
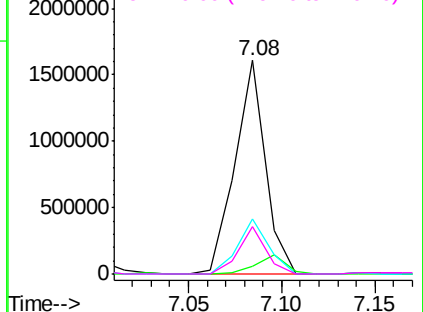
Abundance

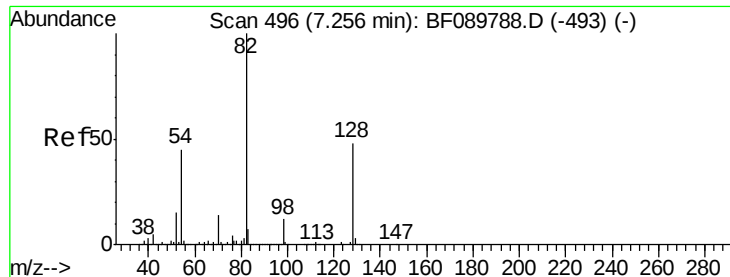
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





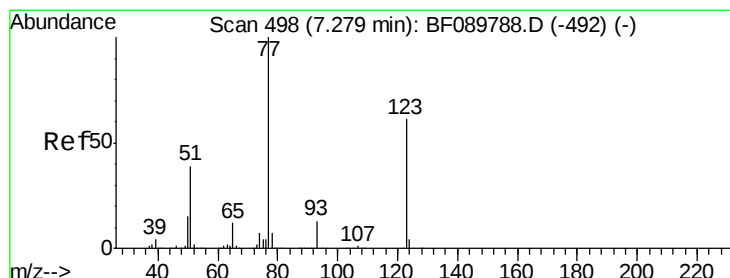
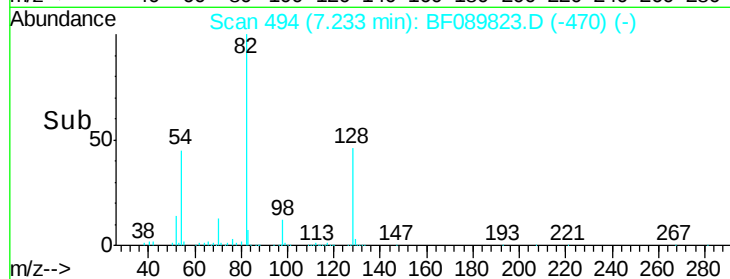
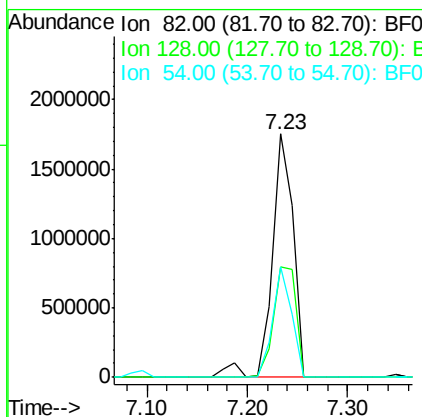
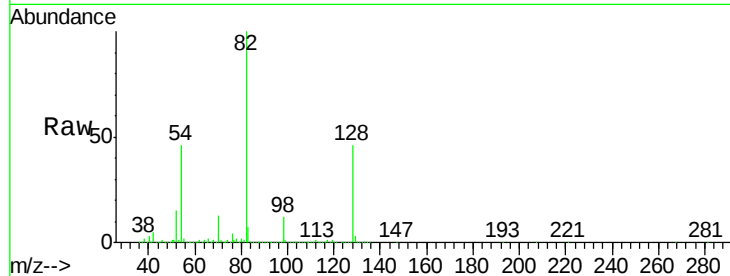
#23
 Nitrobenzene-d5
 Concen: 80.19 ng
 RT: 7.23 min Scan# 494
 Delta R.T. -0.02 min
 Lab File: BF089823.D
 Acq: 23 Aug 2016 10:05

Instrument :
 BNA_F
 ClientSampleId :
 D-1(2-2.5)MS

Tgt Ion: 82 Resp: 2527619
 Ion Ratio Lower Upper
 82 100
 128 45.5 34.4 51.6
 54 45.5 40.3 60.5

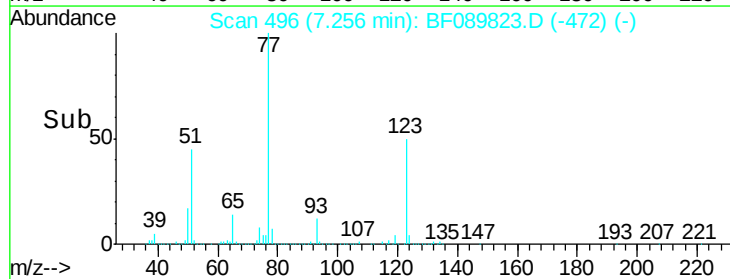
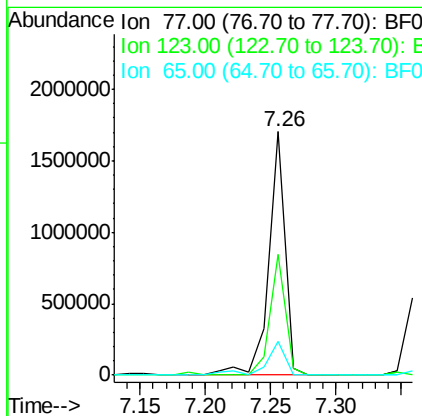
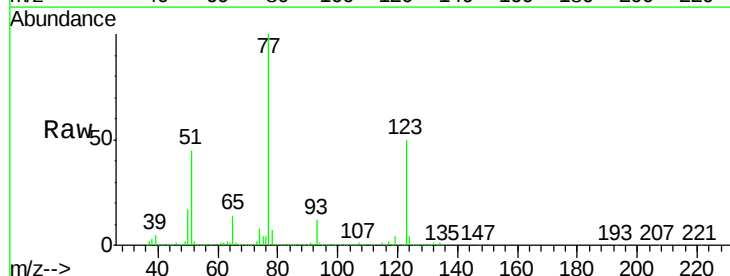
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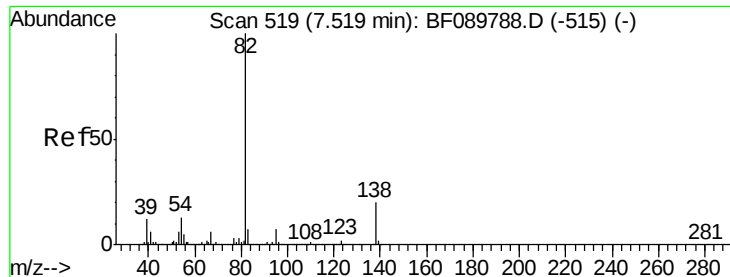
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#24
 Nitrobenzene
 Concen: 42.23 ng
 RT: 7.26 min Scan# 496
 Delta R.T. -0.02 min
 Lab File: BF089823.D
 Acq: 23 Aug 2016 10:05

Tgt Ion: 77 Resp: 1493584
 Ion Ratio Lower Upper
 77 100
 123 49.6 36.2 54.2
 65 13.7 10.6 15.8





#25

Isophorone

Concen: 40.97 ng

RT: 7.50 min Scan# 517

Delta R.T. -0.02 min

Lab File: BF089823.D

Acq: 23 Aug 2016 10:05

Instrument :

BNA_F

ClientSampleId :

D-1(2-2.5)MS

Tgt Ion: 82 Resp: 2604689

Ion Ratio Lower Upper

82 100

95 6.7 5.3 7.9

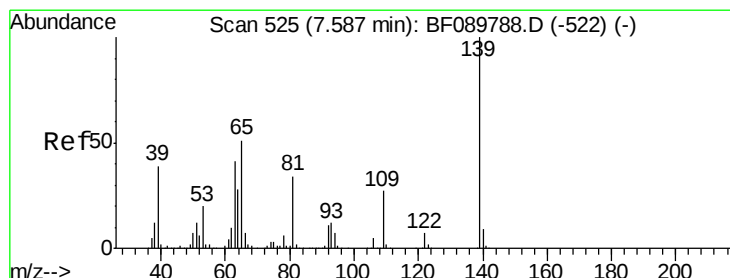
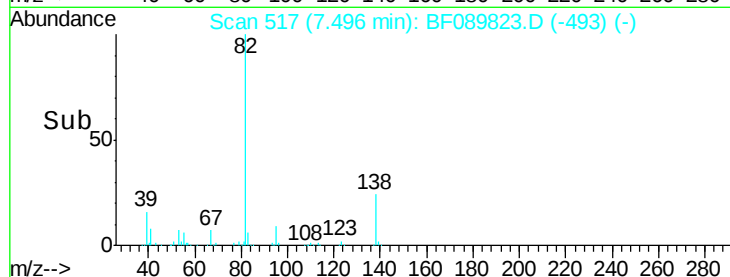
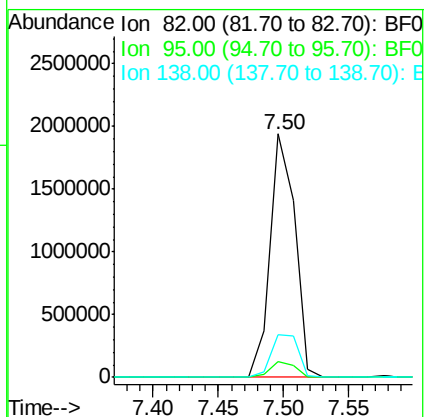
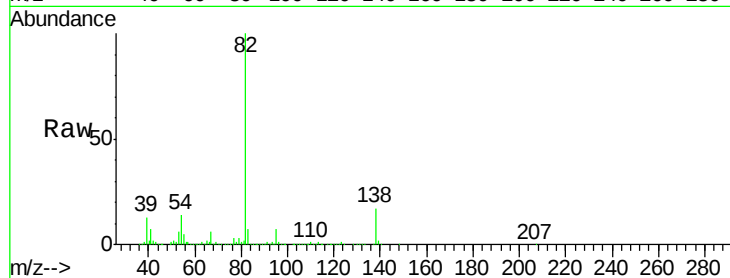
138 17.3 13.0 19.4

Manual Integrations

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#26

2-Nitrophenol

Concen: 46.54 ng

RT: 7.58 min Scan# 524

Delta R.T. -0.01 min

Lab File: BF089823.D

Acq: 23 Aug 2016 10:05

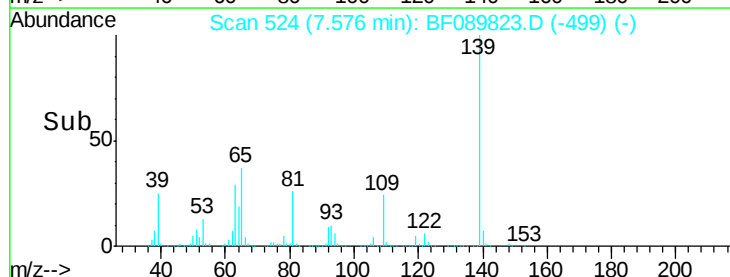
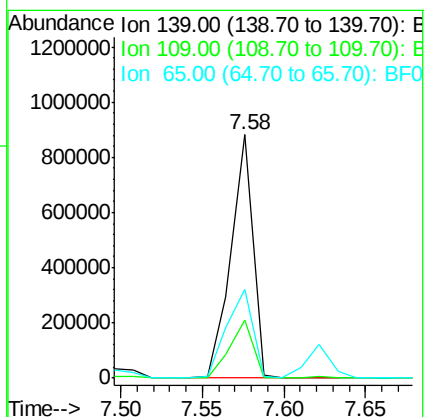
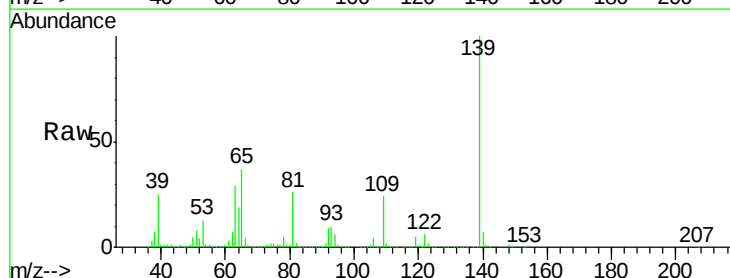
Tgt Ion: 139 Resp: 821223

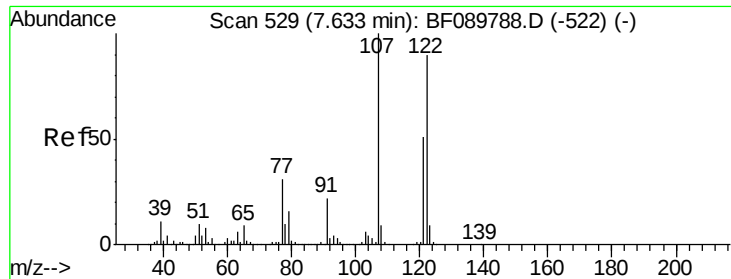
Ion Ratio Lower Upper

139 100

109 24.0 19.5 29.3

65 36.6 26.5 39.7





#27

2,4-Dimethylphenol

Concen: 42.83 ng

RT: 7.62 min Scan# 528

Delta R.T. -0.01 min

Lab File: BF089823.D

Acq: 23 Aug 2016 10:05

Instrument :

BNA_F

ClientSampleId :

D-1(2-2.5)MS

Tgt Ion:122 Resp: 1362033

Ion Ratio Lower Upper

122 100

107 108.4 84.8 127.2

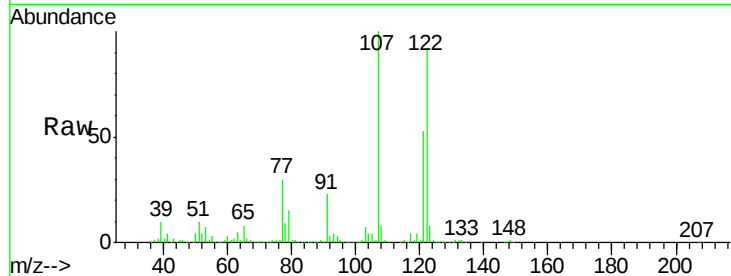
121 57.4 47.0 70.6

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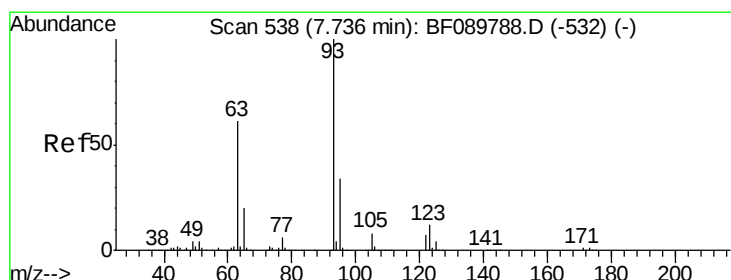
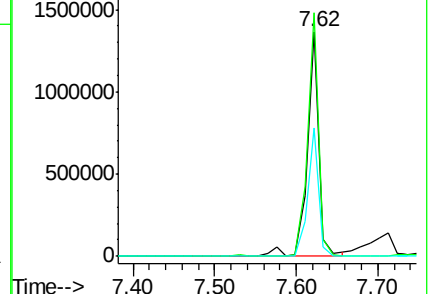
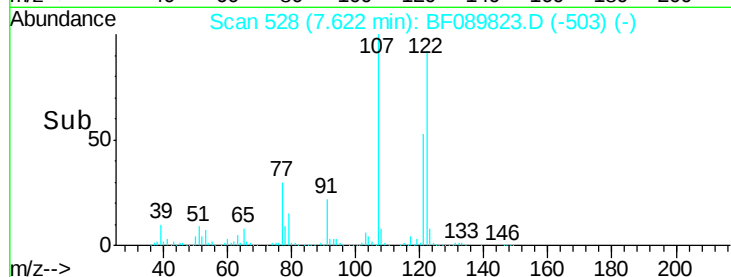
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Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 45.35 ng

RT: 7.72 min Scan# 537

Delta R.T. -0.01 min

Lab File: BF089823.D

Acq: 23 Aug 2016 10:05

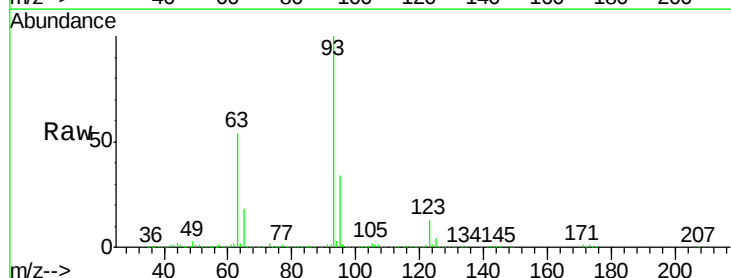
Tgt Ion: 93 Resp: 1783655

Ion Ratio Lower Upper

93 100

95 33.8 25.5 38.3

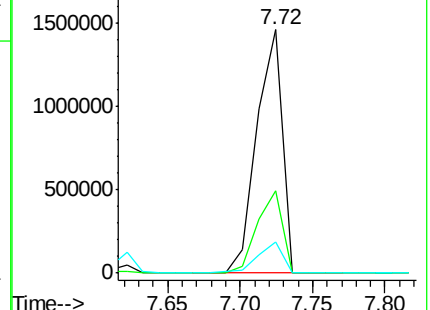
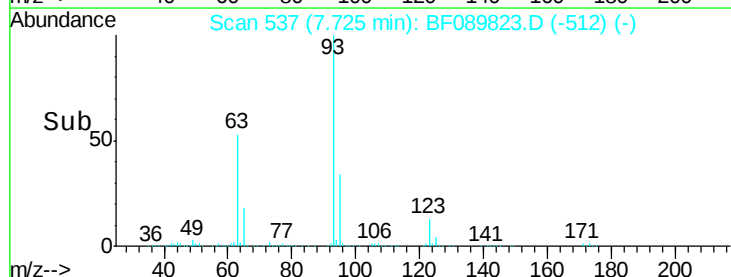
123 12.7 8.5 12.7#

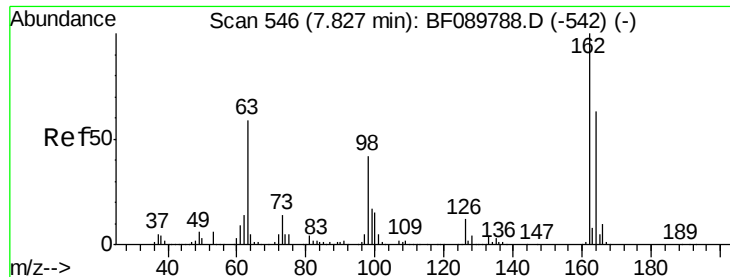


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





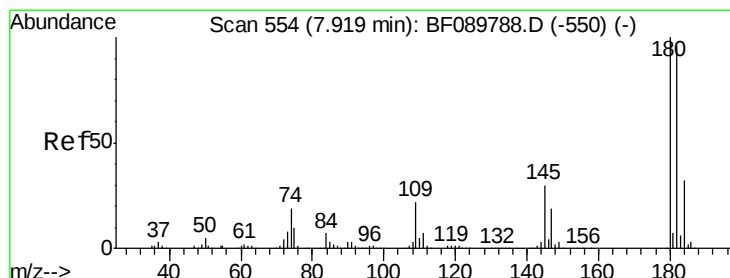
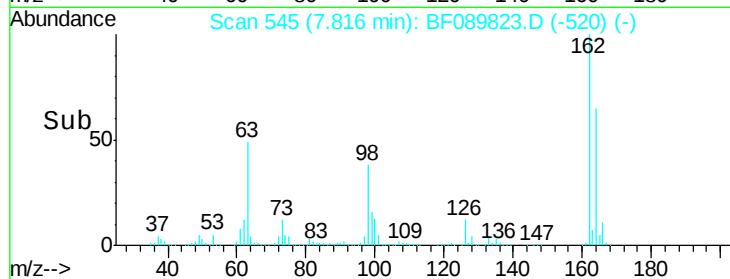
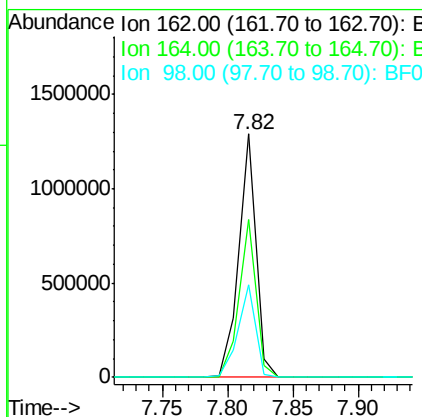
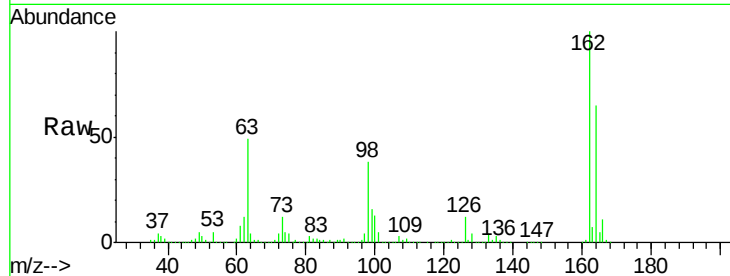
#29
 2,4-Dichlorophenol
 Concen: 44.39 ng
 RT: 7.82 min Scan# 545
 Delta R.T. -0.01 min
 Lab File: BF089823.D
 Acq: 23 Aug 2016 10:05

Instrument :
 BNA_F
 ClientSampleId :
 D-1(2-2.5)MS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.7	45.5	85.5
98	37.8	12.4	52.4

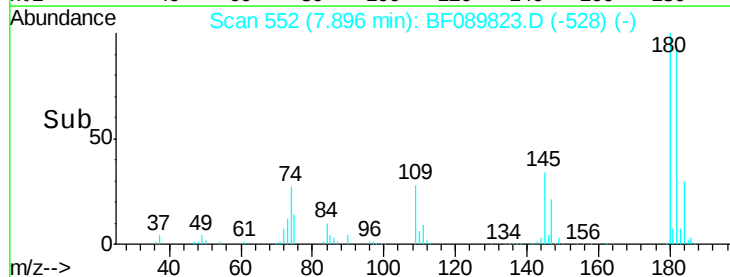
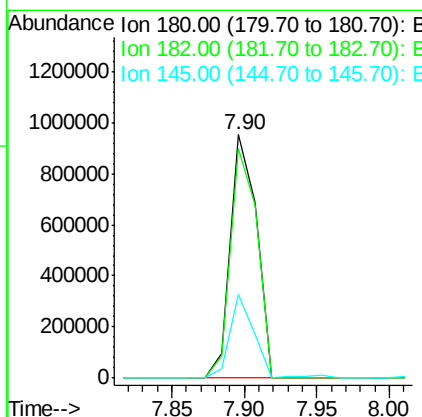
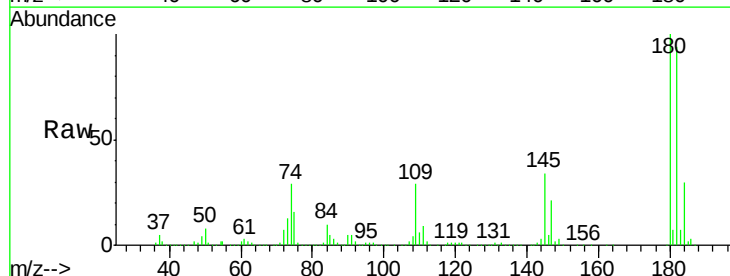
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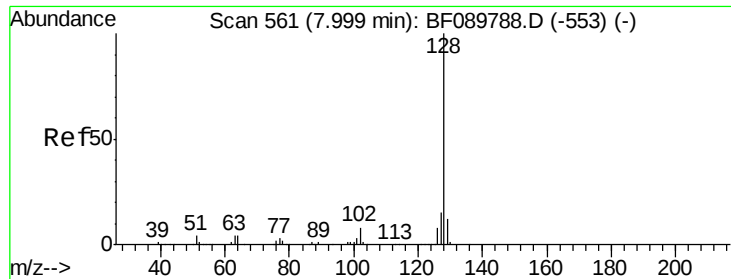
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#30
 1,2,4-Trichlorobenzene
 Concen: 40.51 ng
 RT: 7.90 min Scan# 552
 Delta R.T. -0.02 min
 Lab File: BF089823.D
 Acq: 23 Aug 2016 10:05

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.1	75.5	113.3
145	34.2	28.7	43.1





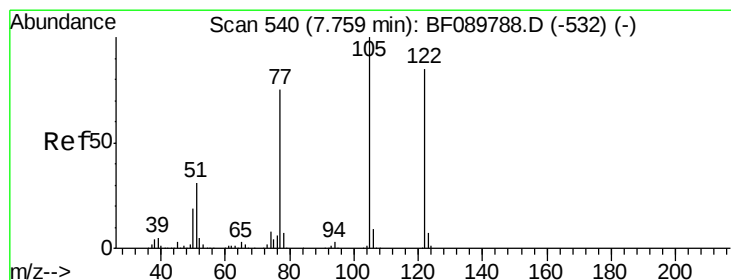
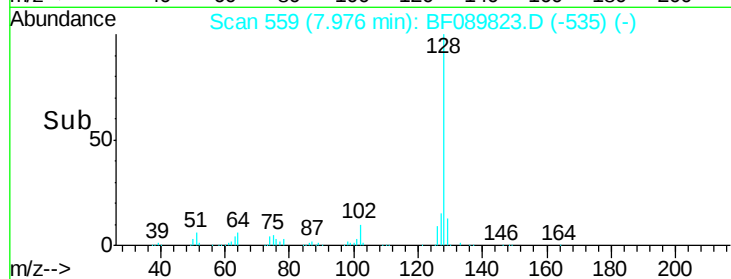
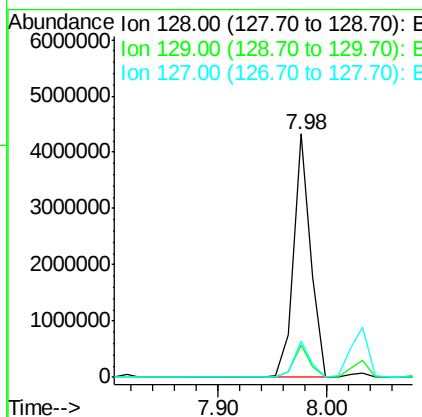
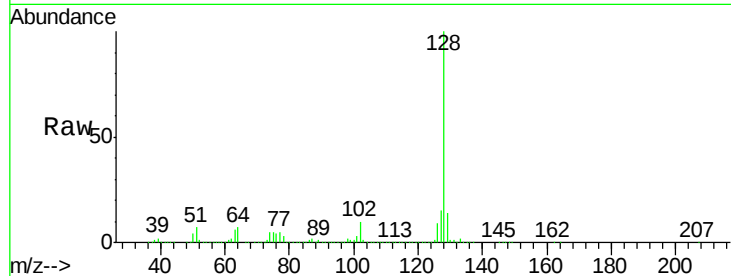
#31
Naphthalene
Concen: 51.95 ng
RT: 7.98 min Scan# 559
Delta R.T. -0.02 min
Lab File: BF089823.D
Acq: 23 Aug 2016 10:05

Instrument :
BNA_F
ClientSampleId :
D-1(2-2.5)MS

Tgt Ion:128 Resp: 4754653
Ion Ratio Lower Upper
128 100
129 13.5 9.5 14.3
127 15.1 11.3 16.9

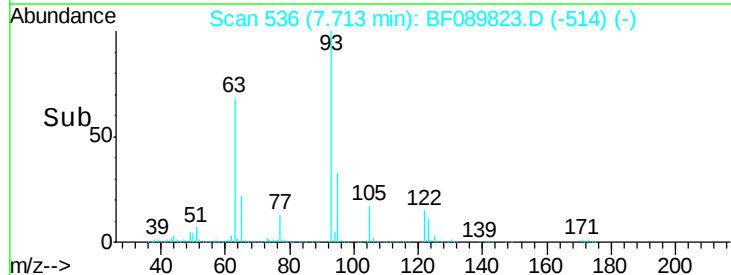
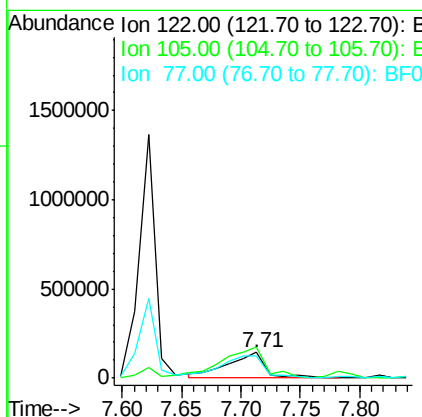
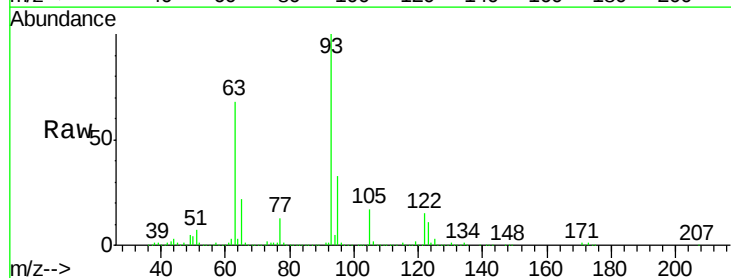
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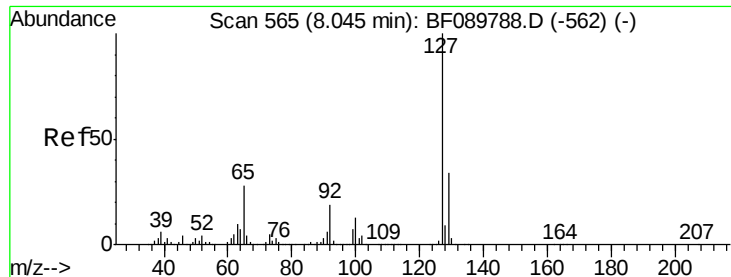
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#32
Benzoic acid
Concen: 12.70 ng
RT: 7.71 min Scan# 536
Delta R.T. -0.04 min
Lab File: BF089823.D
Acq: 23 Aug 2016 10:05

Tgt Ion:122 Resp: 314670
Ion Ratio Lower Upper
122 100
105 119.0 100.8 140.8
77 87.7 72.1 112.1





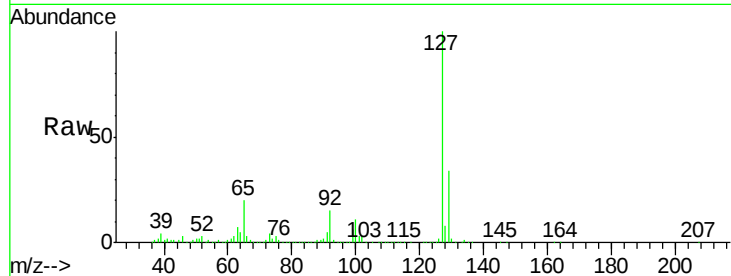
#33
4-Chloroaniline
Concen: 26.03 ng
RT: 8.03 min Scan# 564
Delta R.T. -0.01 min
Lab File: BF089823.D
Acq: 23 Aug 2016 10:05

Instrument :
BNA_F
ClientSampleId :
D-1(2-2.5)MS

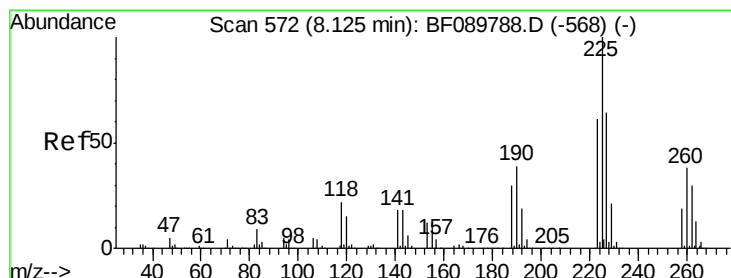
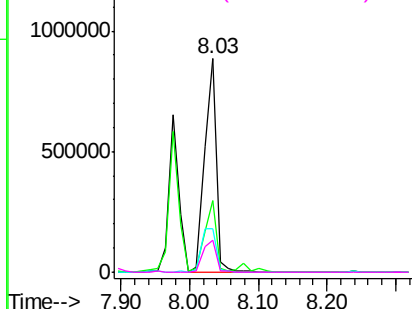
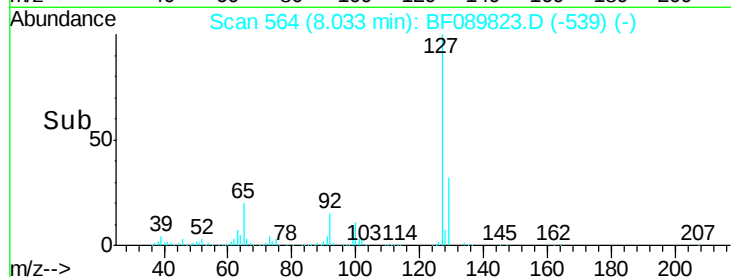
Tgt Ion	Ratio	Lower	Upper
127	100		
129	33.6	27.0	40.6
65	20.3	14.7	22.1
92	15.3	11.7	17.5

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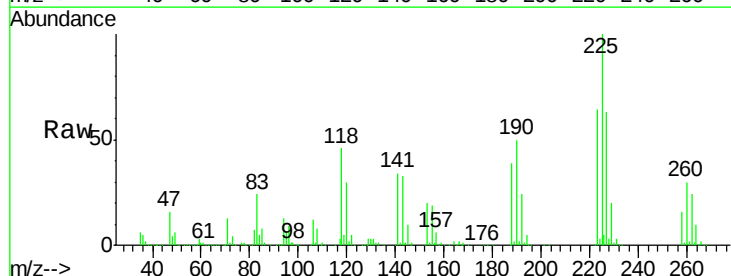


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

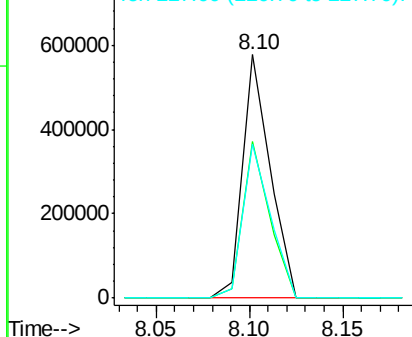
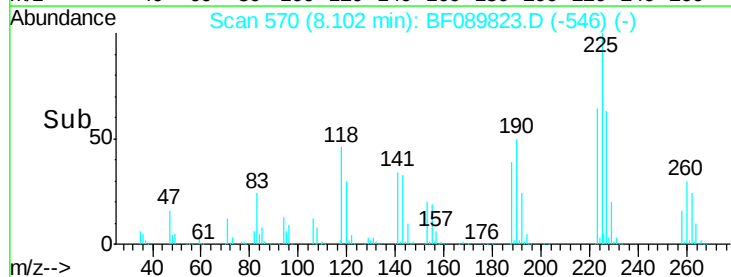


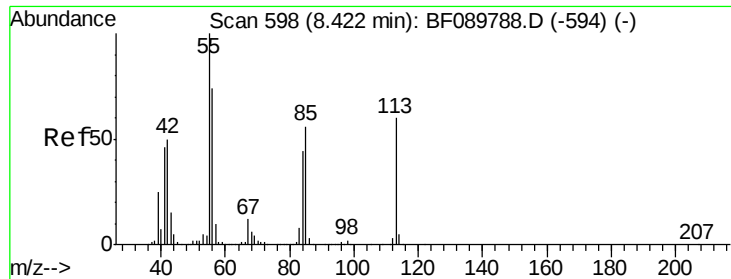
#34
Hexachlorobutadiene
Concen: 38.27 ng
RT: 8.10 min Scan# 570
Delta R.T. -0.02 min
Lab File: BF089823.D
Acq: 23 Aug 2016 10:05

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.1	51.0	76.6
227	63.1	49.8	74.6



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 41.84 ng m

RT: 8.40 min Scan# 596

Delta R.T. -0.02 min

Lab File: BF089823.D

Acq: 23 Aug 2016 10:05

Instrument :

BNA_F

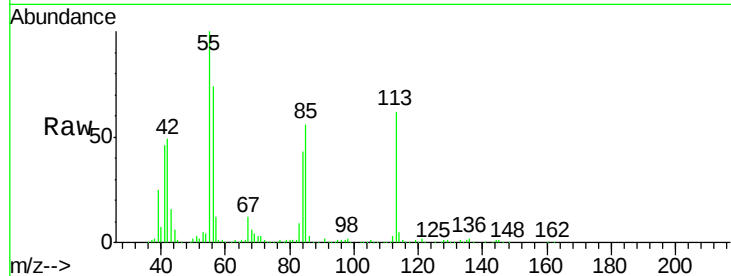
ClientSampled :

D-1(2-2.5)MS

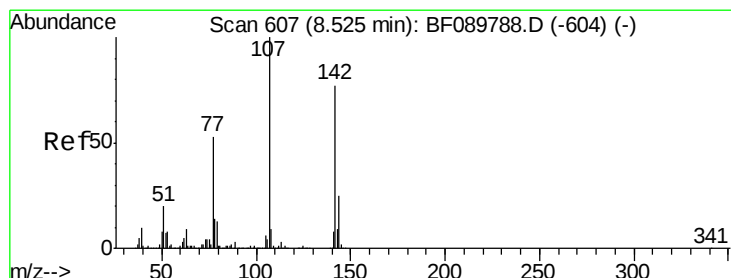
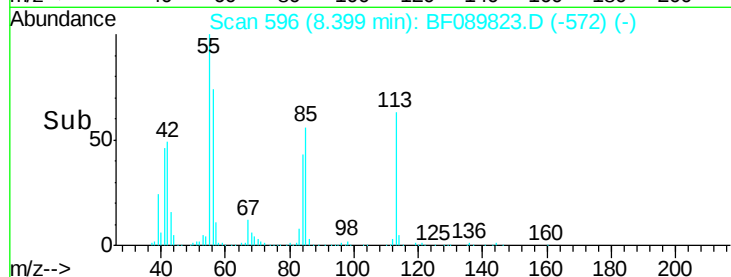
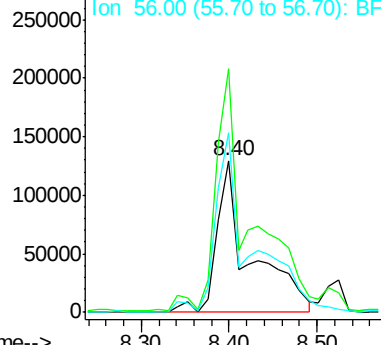
Tgt Ion:	113	Resp:	339994
Ion Ratio	Lower	Upper	
113	100		
55	160.2	135.9	175.9
56	118.3	93.9	133.9

Manual Integrations
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Abundance Ion 113.00 (112.70 to 113.70): E



#36

4-Chloro-3-methylphenol

Concen: 43.79 ng

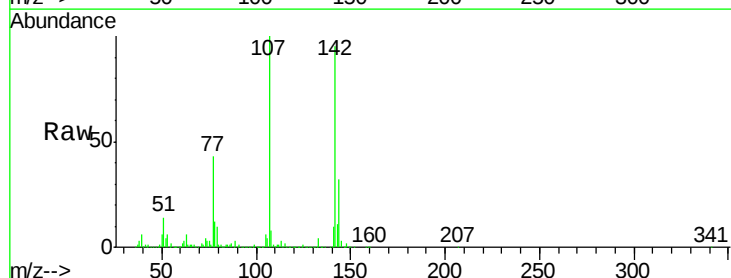
RT: 8.52 min Scan# 607

Delta R.T. -0.00 min

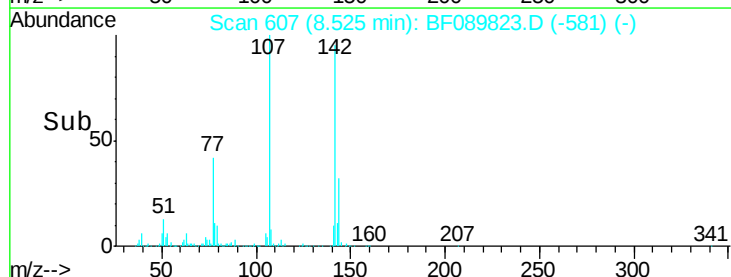
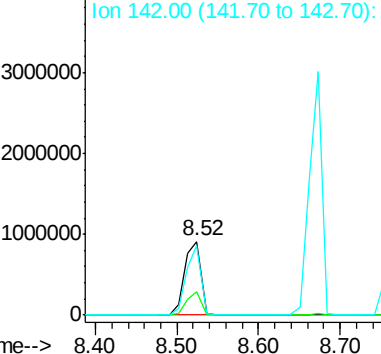
Lab File: BF089823.D

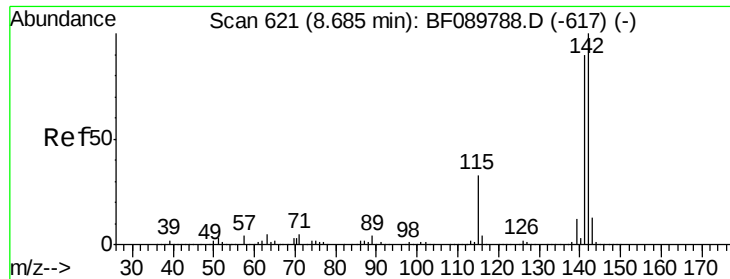
Acq: 23 Aug 2016 10:05

Tgt Ion:	107	Resp:	1265378
Ion Ratio	Lower	Upper	
107	100		
144	31.6	22.6	34.0
142	95.0	69.3	103.9



Abundance Ion 107.00 (106.70 to 107.70): E





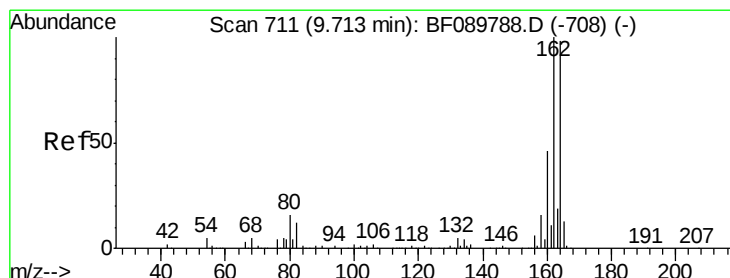
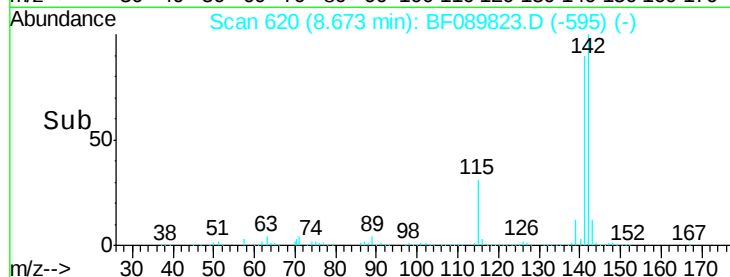
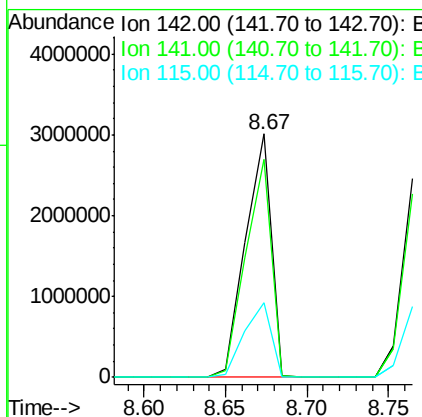
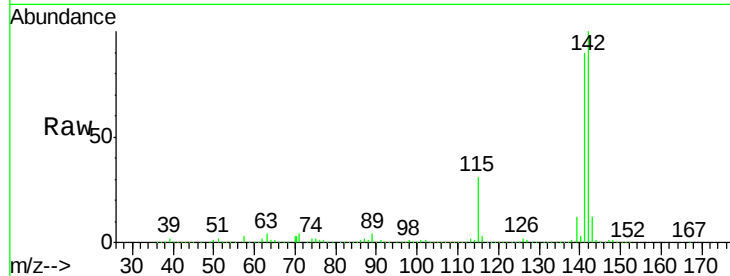
#37
2-Methylnaphthalene
Concen: 55.52 ng
RT: 8.67 min Scan# 620
Delta R.T. -0.01 min
Lab File: BF089823.D
Acq: 23 Aug 2016 10:05

Instrument :
BNA_F
ClientSampleId :
D-1(2-2.5)MS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.6	71.4	107.2
115	30.7	22.7	34.1

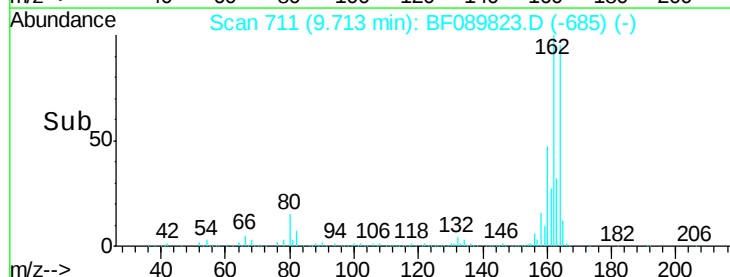
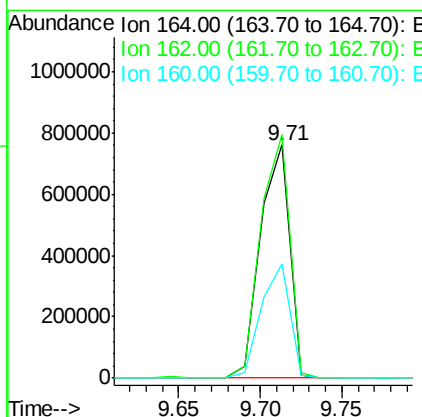
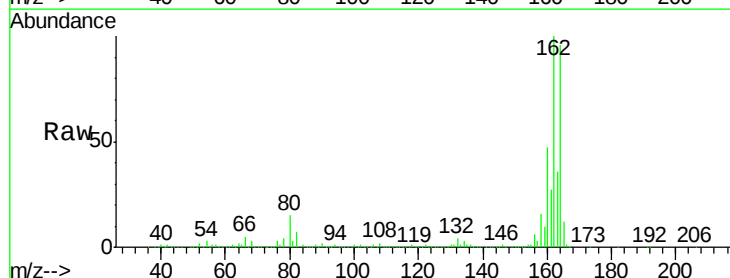
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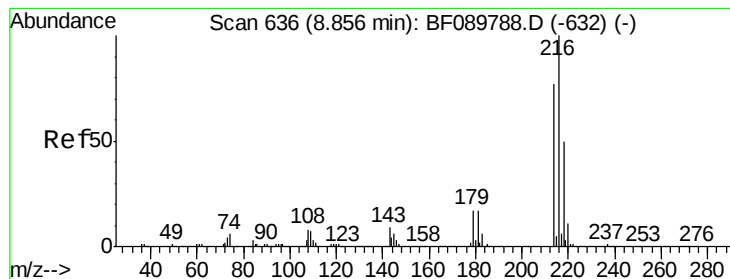
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.71 min Scan# 711
Delta R.T. -0.00 min
Lab File: BF089823.D
Acq: 23 Aug 2016 10:05

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.6	81.4	122.2
160	49.2	37.8	56.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 27.74 ng

RT: 8.83 min Scan# 634

Delta R.T. -0.02 min

Lab File: BF089823.D

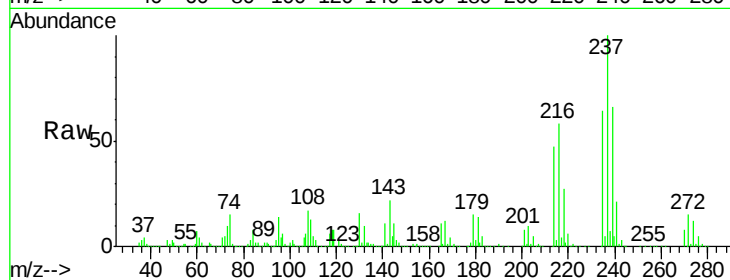
Acq: 23 Aug 2016 10:05

Instrument :

BNA_F

ClientSampleId :

D-1(2-2.5)MS



Tgt Ion: 216 Resp: 851368

Ion Ratio Lower Upper

216 100

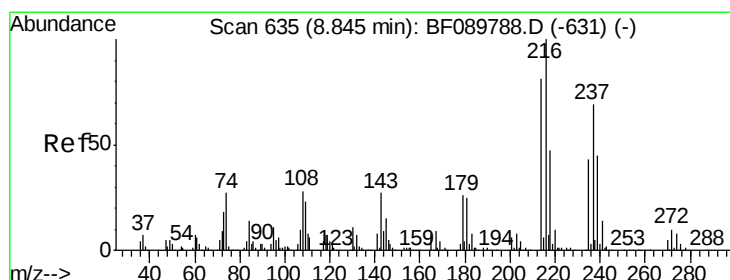
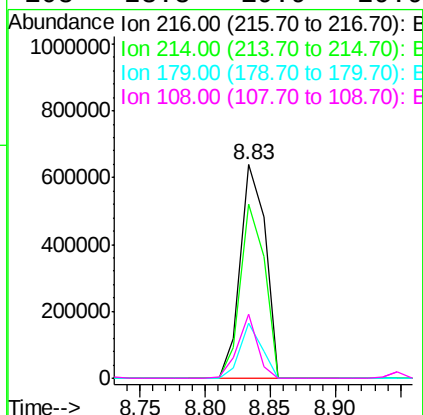
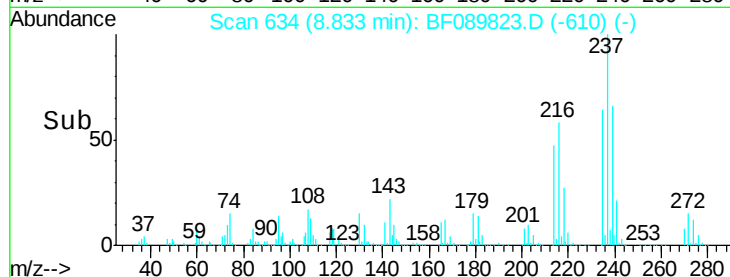
214 79.1 63.5 95.3

179 22.1 19.9 29.9

108 23.8 19.9 29.9

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#40

Hexachlorocyclopentadiene

Concen: 109.86 ng

RT: 8.83 min Scan# 634

Delta R.T. -0.01 min

Lab File: BF089823.D

Acq: 23 Aug 2016 10:05

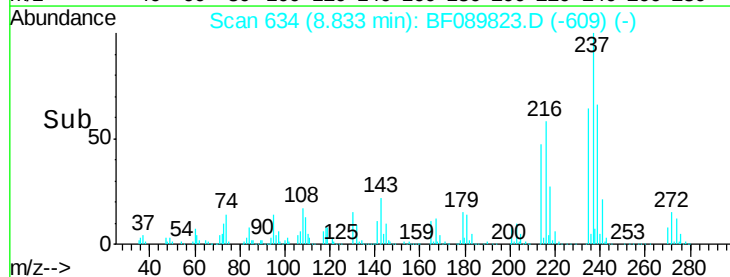
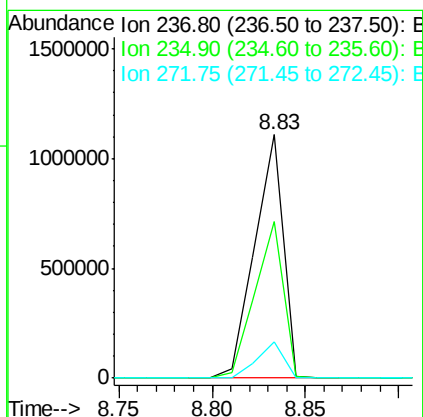
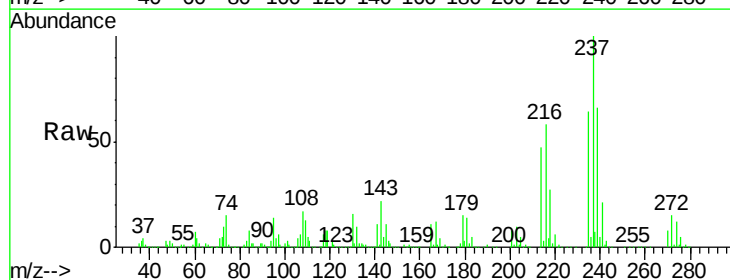
Tgt Ion: 237 Resp: 1170623

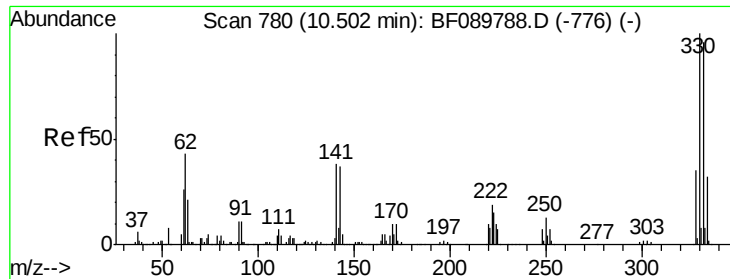
Ion Ratio Lower Upper

237 100

235 64.1 43.7 83.7

272 14.7 0.0 31.6





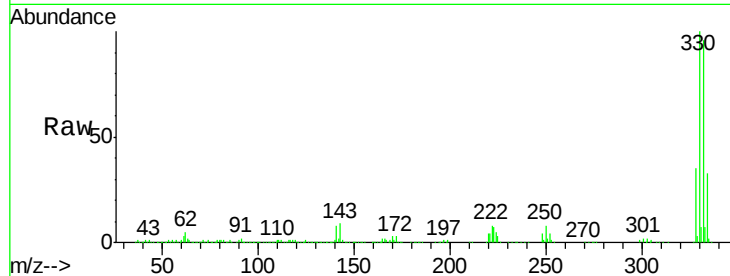
#41
 2,4,6-Tribromophenol
 Concen: 122.75 ng
 RT: 10.50 min Scan# 780
 Delta R.T. -0.00 min
 Lab File: BF089823.D
 Acq: 23 Aug 2016 10:05

Instrument :
 BNA_F
 ClientSampled :
 D-1(2-2.5)MS

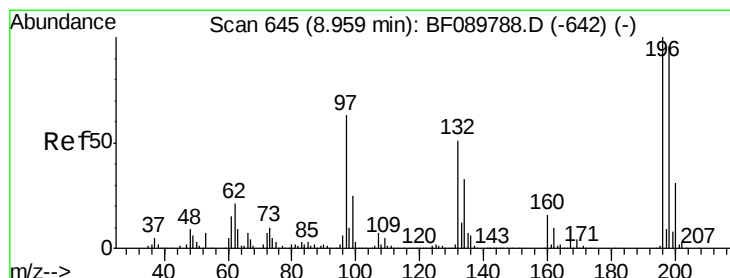
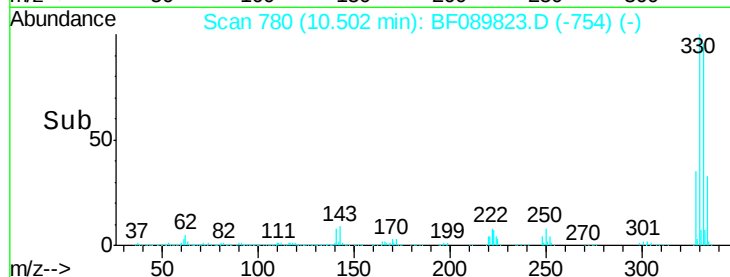
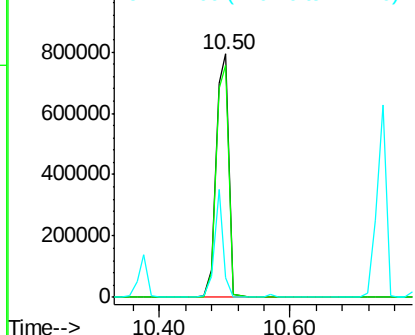
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.7	115.1
141	30.8	30.2	45.2

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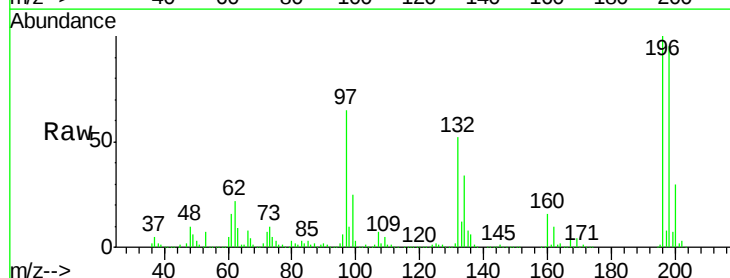


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

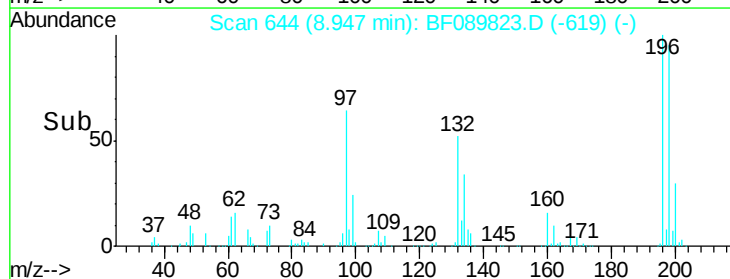
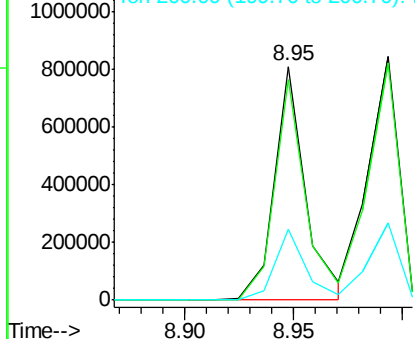


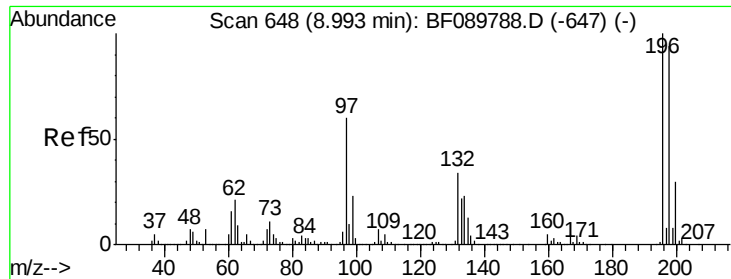
#42
 2,4,6-Trichlorophenol
 Concen: 42.27 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.01 min
 Lab File: BF089823.D
 Acq: 23 Aug 2016 10:05

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.7	76.3	114.5
200	30.4	24.6	36.8



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





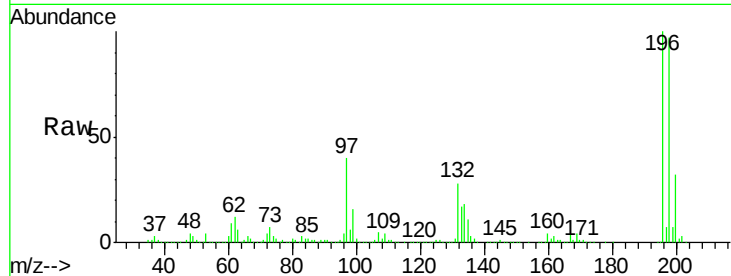
#43
 2,4,5-Trichlorophenol
 Concen: 43.49 ng
 RT: 8.99 min Scan# 648
 Delta R.T. -0.00 min
 Lab File: BF089823.D
 Acq: 23 Aug 2016 10:05

Instrument :
 BNA_F
 ClientSampleId :
 D-1(2-2.5)MS

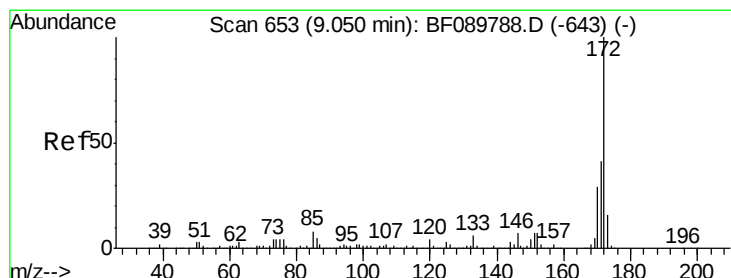
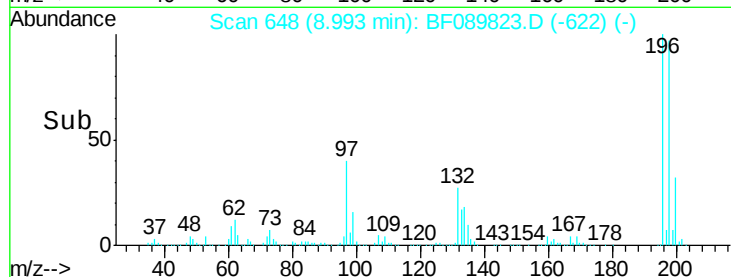
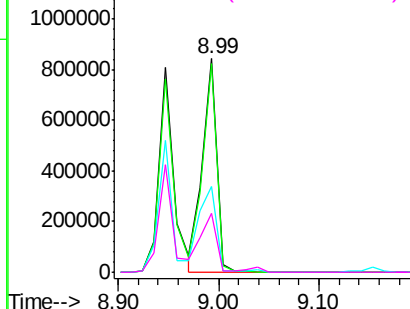
Tgt Ion:	196	Resp:	835215
Ion Ratio	Lower	Upper	
196	100		
198	97.4	76.6	114.8
97	40.2	35.8	53.8
132	27.6	23.5	35.3

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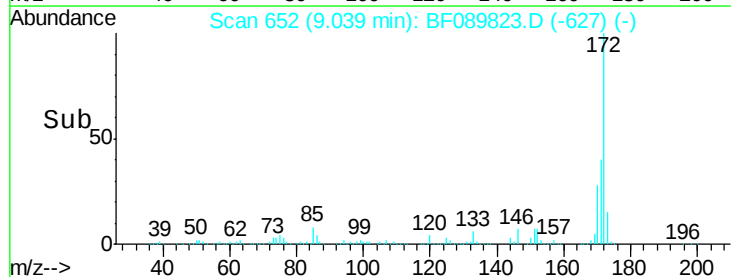
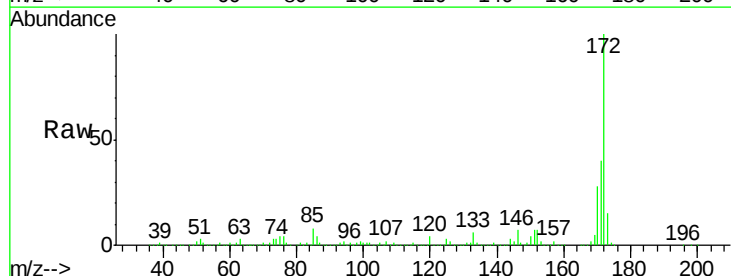
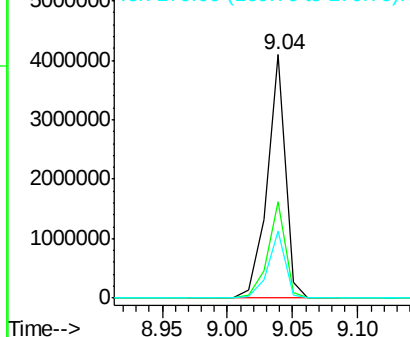
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

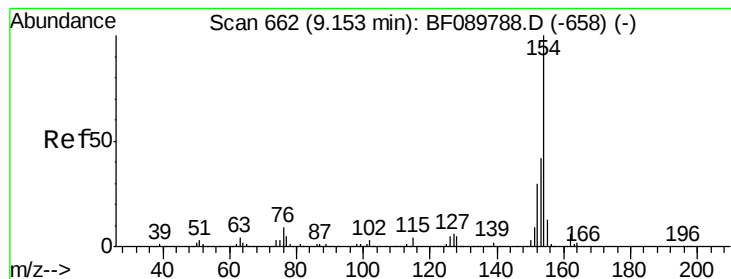


#44
 2-Fluorobiphenyl
 Concen: 73.96 ng
 RT: 9.04 min Scan# 652
 Delta R.T. -0.01 min
 Lab File: BF089823.D
 Acq: 23 Aug 2016 10:05

Tgt Ion:	172	Resp:	3988496
Ion Ratio	Lower	Upper	
172	100		
171	39.6	30.5	45.7
170	27.6	20.6	31.0

Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 37.12 ng

RT: 9.14 min Scan# 661

Delta R.T. -0.01 min

Lab File: BF089823.D

Acq: 23 Aug 2016 10:05

Instrument :

BNA_F

ClientSampleId :

D-1(2-2.5)MS

Tgt Ion:154 Resp: 2722689

Ion Ratio Lower Upper

154 100

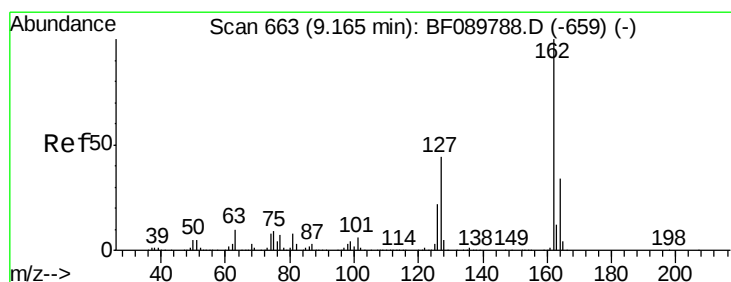
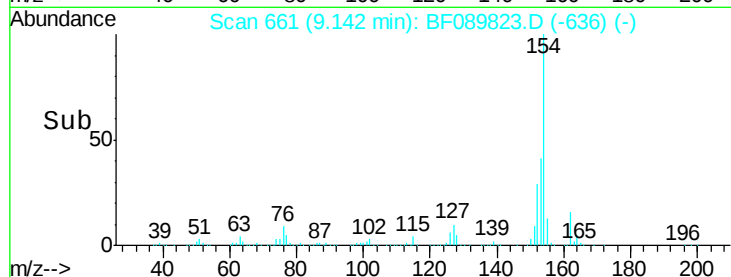
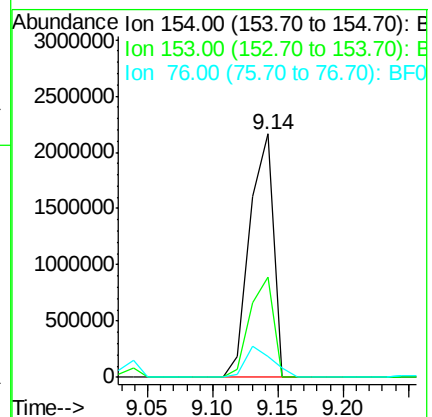
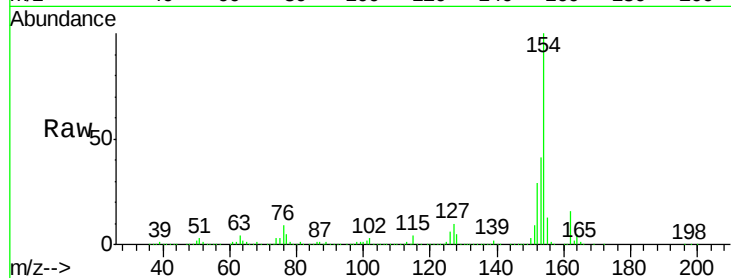
153 41.0 21.5 61.5

76 8.7 0.0 36.7

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#46

2-Chloronaphthalene

Concen: 38.24 ng

RT: 9.15 min Scan# 662

Delta R.T. -0.01 min

Lab File: BF089823.D

Acq: 23 Aug 2016 10:05

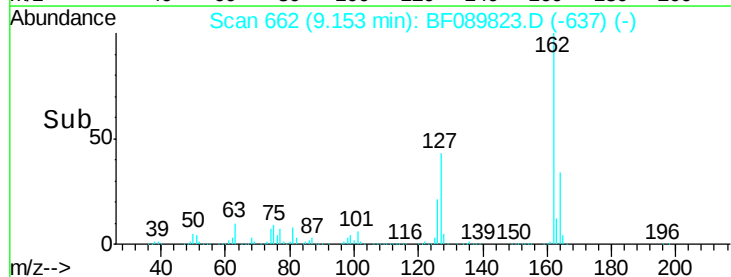
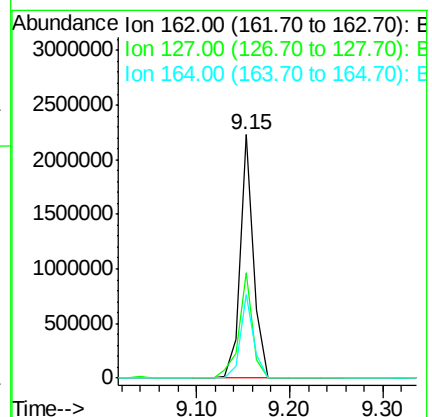
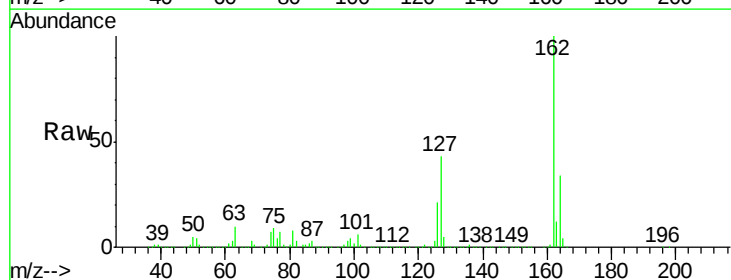
Tgt Ion:162 Resp: 2217101

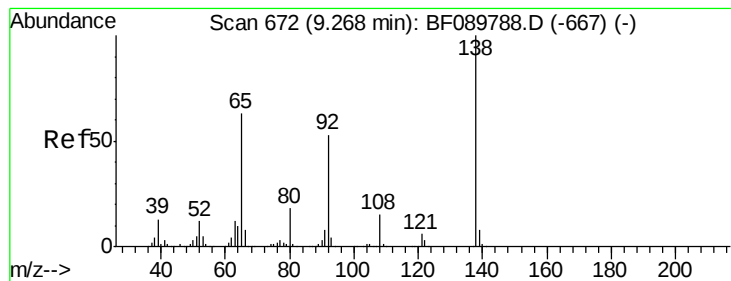
Ion Ratio Lower Upper

162 100

127 43.4 35.5 53.3

164 34.4 26.6 40.0





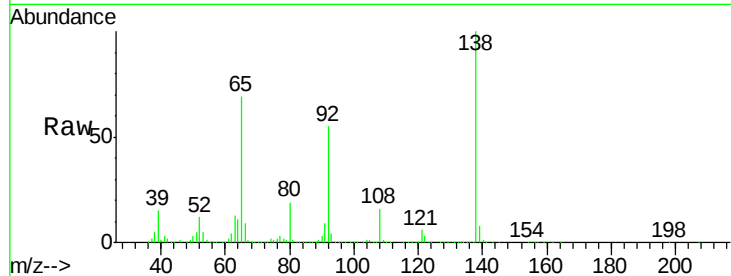
#47
2-Nitroaniline
Concen: 49.64 ng
RT: 9.26 min Scan# 671
Delta R.T. -0.01 min
Lab File: BF089823.D
Acq: 23 Aug 2016 10:05

Instrument :
BNA_F
ClientSampleId :
D-1(2-2.5)MS

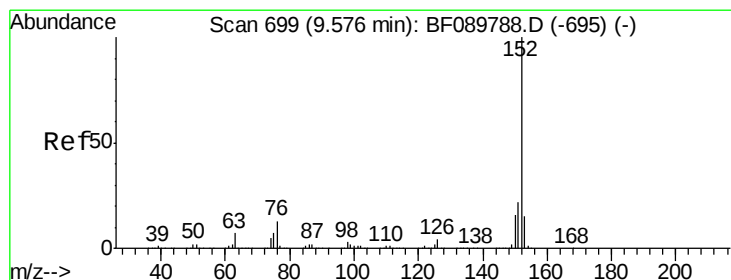
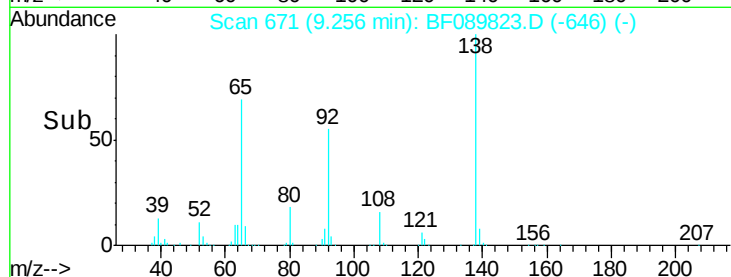
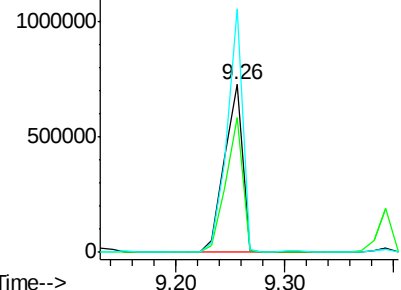
Tgt Ion	Ratio	Resp	Lower	Upper
65	100	820831		
92	80.3	56.3	84.5	
138	145.2	81.8	122.8#	

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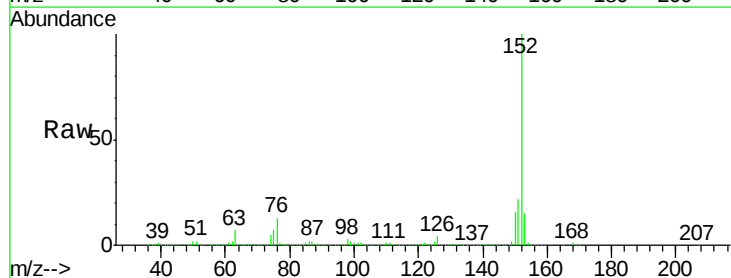


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E

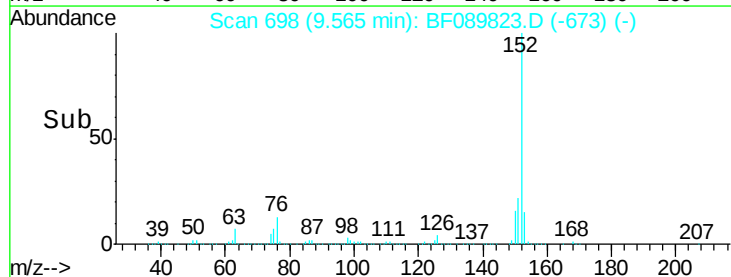
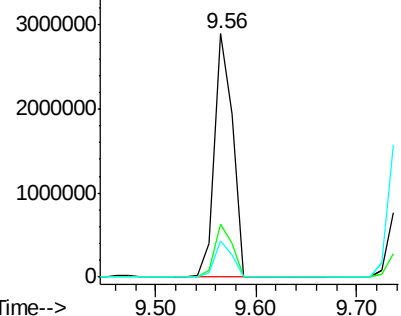


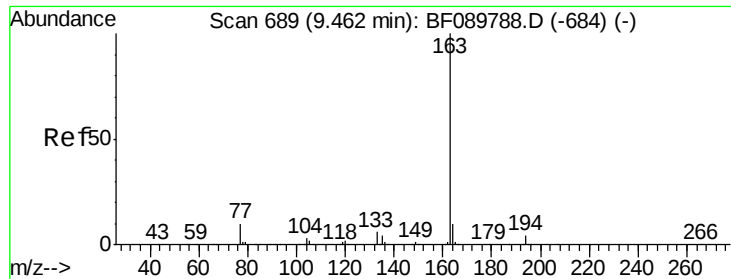
#48
Acenaphthylene
Concen: 41.50 ng
RT: 9.56 min Scan# 698
Delta R.T. -0.01 min
Lab File: BF089823.D
Acq: 23 Aug 2016 10:05

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	3615089		
151	21.7	17.1	25.7	
153	14.9	11.2	16.8	



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





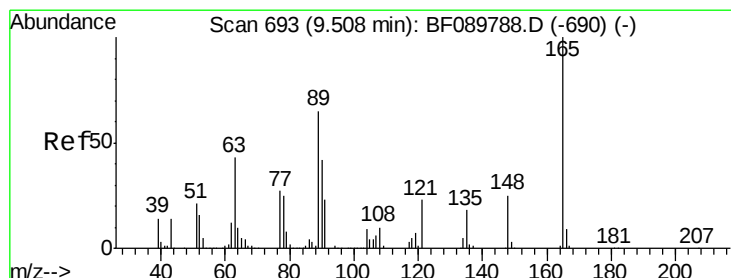
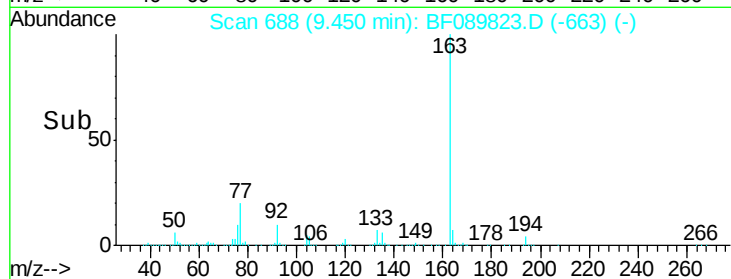
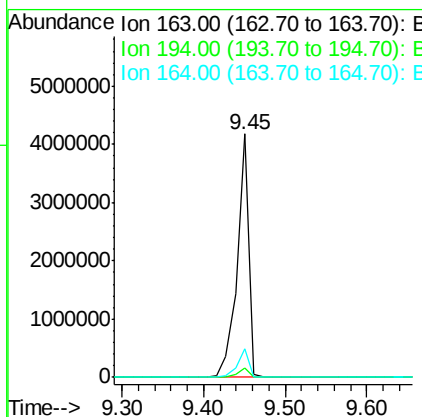
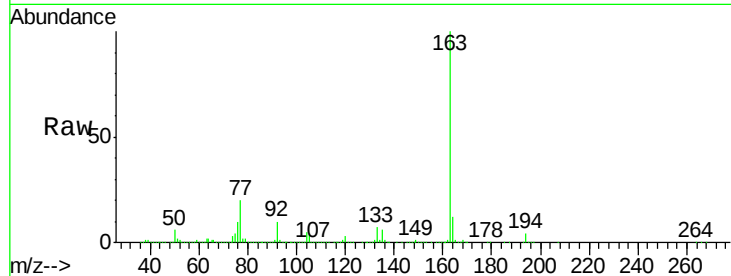
#49
Dimethylphthalate
Concen: 62.36 ng
RT: 9.45 min Scan# 688
Delta R.T. -0.01 min
Lab File: BF089823.D
Acq: 23 Aug 2016 10:05

Instrument :
BNA_F
ClientSampleId :
D-1(2-2.5)MS

Tgt Ion:163 Resp: 4161606
Ion Ratio Lower Upper
163 100
194 3.8 2.6 3.8
164 11.7 8.6 12.8

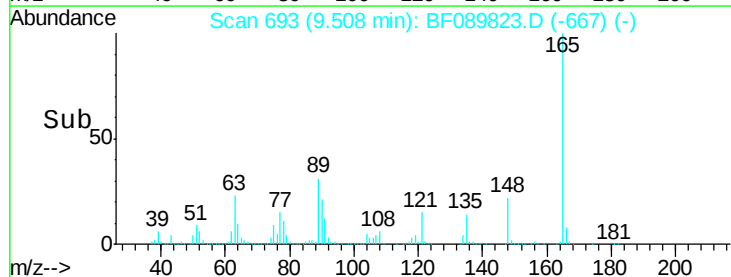
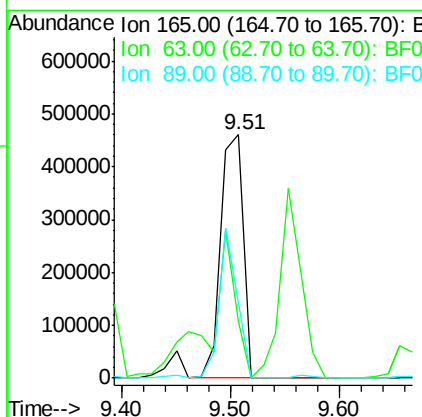
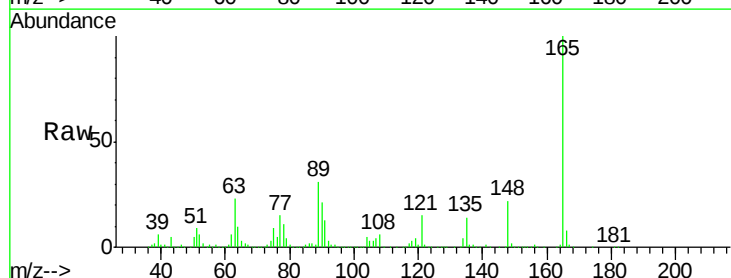
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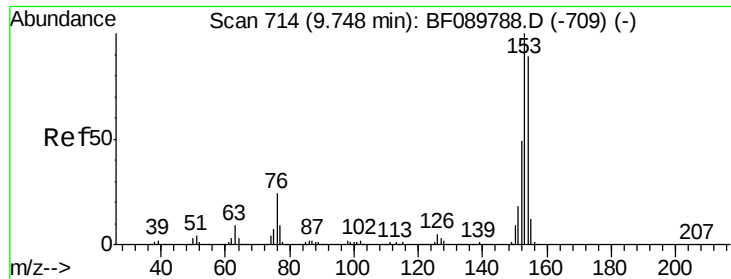
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#50
2,6-Dinitrotoluene
Concen: 42.76 ng
RT: 9.51 min Scan# 693
Delta R.T. -0.00 min
Lab File: BF089823.D
Acq: 23 Aug 2016 10:05

Tgt Ion:165 Resp: 658753
Ion Ratio Lower Upper
165 100
63 23.1 41.7 62.5#
89 31.0 44.6 67.0#





#51

Acenaphthene

Concen: 45.29 ng

RT: 9.75 min Scan# 714

Delta R.T. -0.00 min

Lab File: BF089823.D

Acq: 23 Aug 2016 10:05

Instrument :

BNA_F

ClientSampleId :

D-1(2-2.5)MS

Tgt Ion:154 Resp: 2611579

Ion Ratio Lower Upper

154 100

153 112.3 90.5 135.7

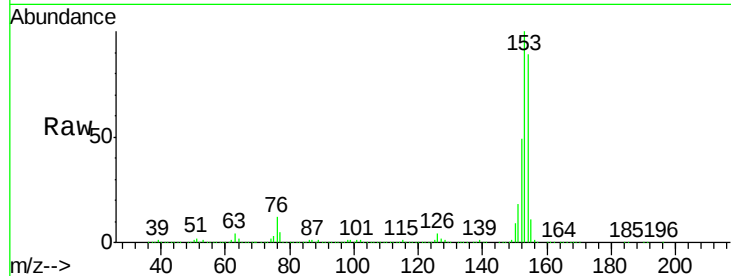
152 55.3 44.6 67.0

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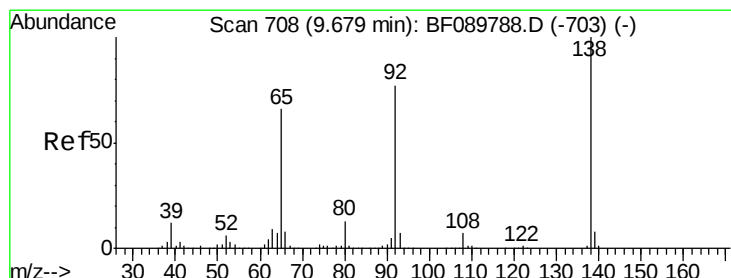
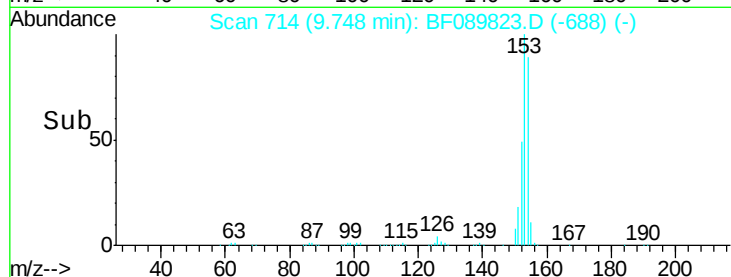
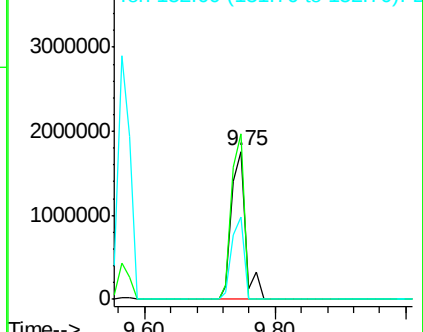
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 34.05 ng

RT: 9.67 min Scan# 707

Delta R.T. -0.01 min

Lab File: BF089823.D

Acq: 23 Aug 2016 10:05

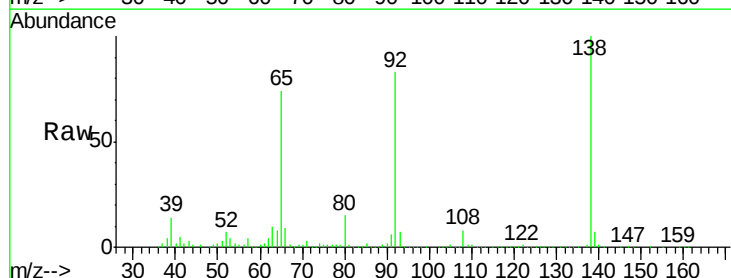
Tgt Ion:138 Resp: 581264

Ion Ratio Lower Upper

138 100

108 7.8 8.1 12.1#

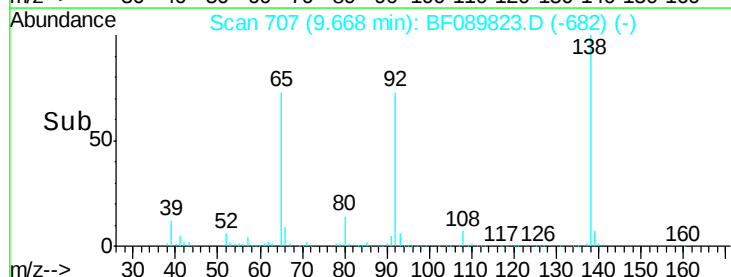
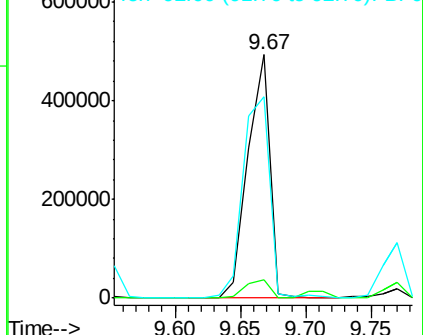
92 82.8 92.7 139.1#

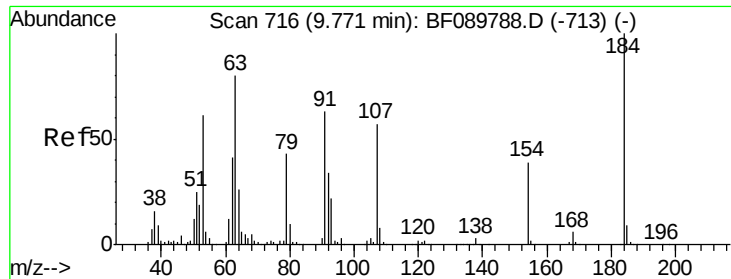


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





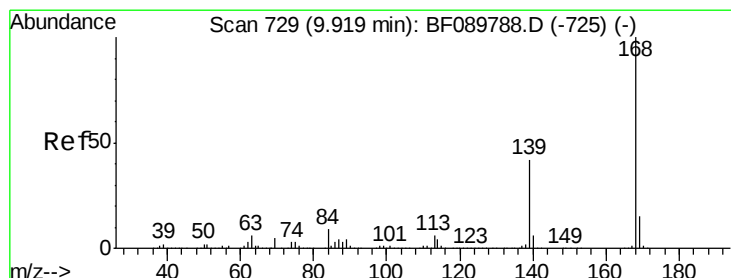
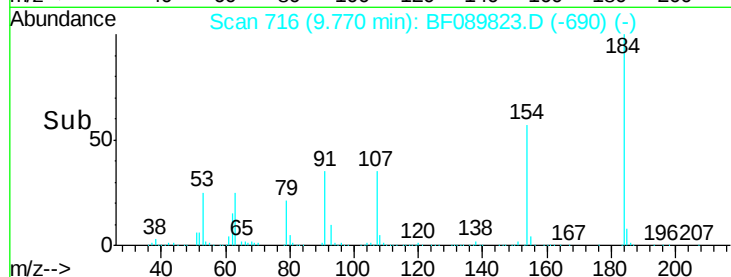
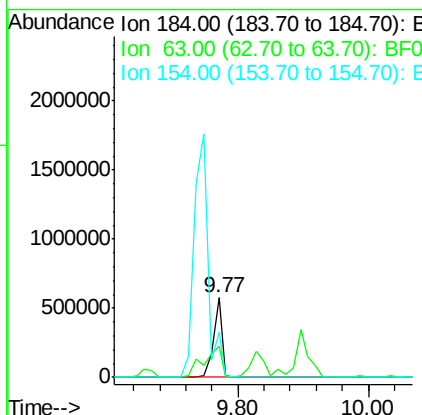
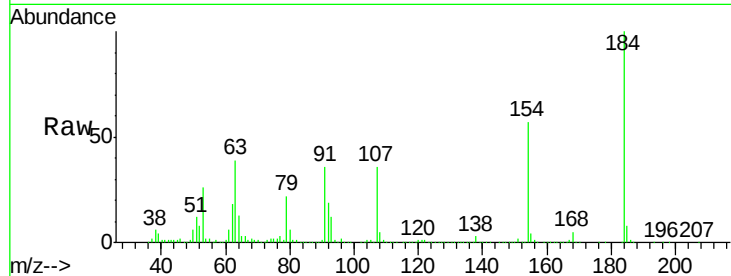
#53
 2,4-Dinitrophenol
 Concen: 65.03 ng
 RT: 9.77 min Scan# 716
 Delta R.T. 0.00 min
 Lab File: BF089823.D
 Acq: 23 Aug 2016 10:05

Instrument :
 BNA_F
 ClientSampleId :
 D-1(2-2.5)MS

Tgt Ion	Ratio	Lower	Upper
184	100		
63	38.9	54.2	81.4#
154	57.0	52.7	79.1

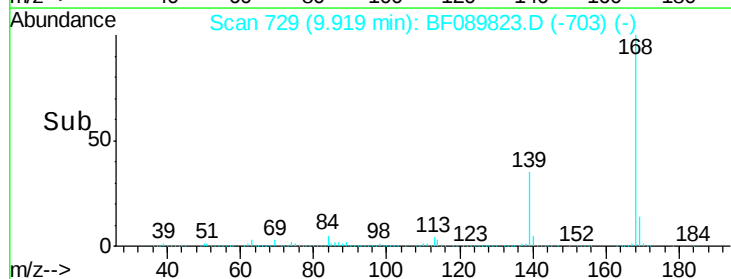
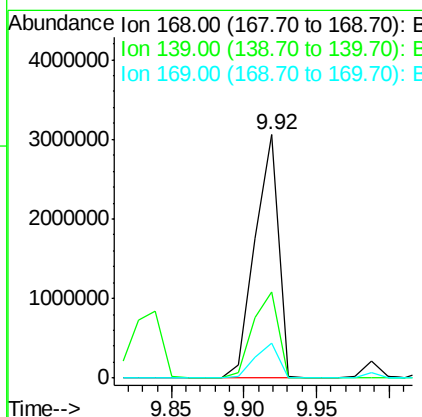
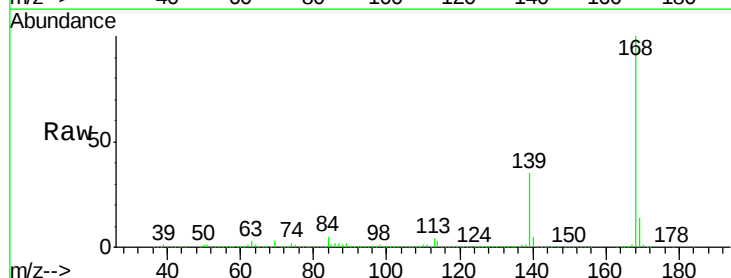
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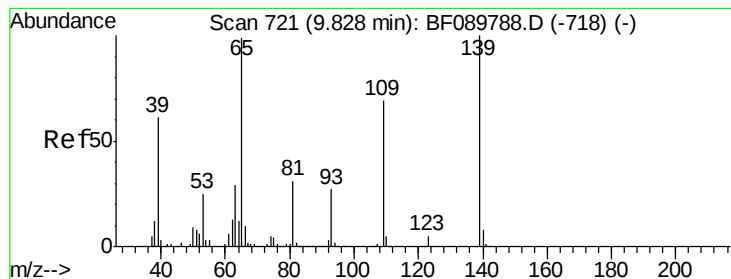
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#54
 Dibenzofuran
 Concen: 47.45 ng
 RT: 9.92 min Scan# 729
 Delta R.T. -0.00 min
 Lab File: BF089823.D
 Acq: 23 Aug 2016 10:05

Tgt Ion	Ratio	Lower	Upper
168	100		
139	35.2	34.6	52.0
169	14.2	11.5	17.3





#55

4-Nitrophenol

Concen: 91.58 ng

RT: 9.84 min Scan# 722

Delta R.T. 0.01 min

Lab File: BF089823.D

Acq: 23 Aug 2016 10:05

Instrument :

BNA_F

ClientSampleId :

D-1(2-2.5)MS

Tgt Ion:139 Resp: 1275959

Ion Ratio Lower Upper

139 100

109 50.2 43.0 83.0

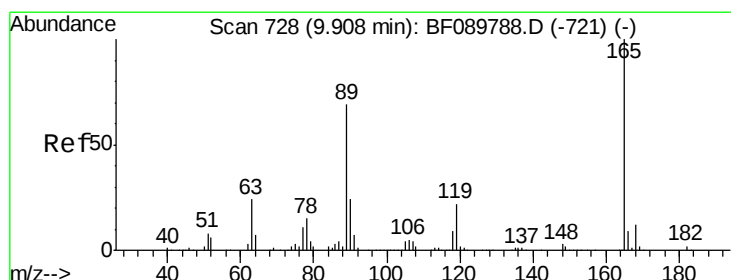
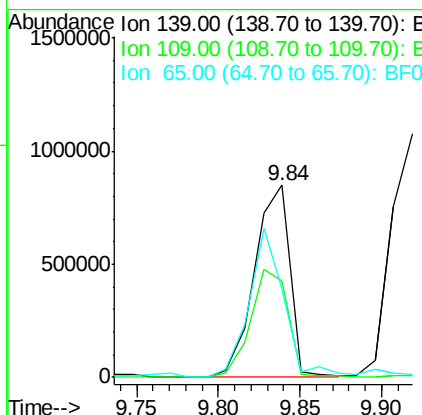
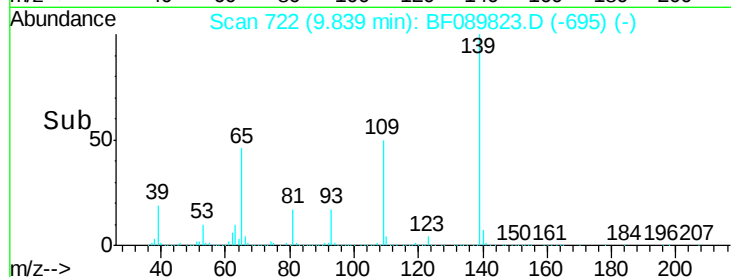
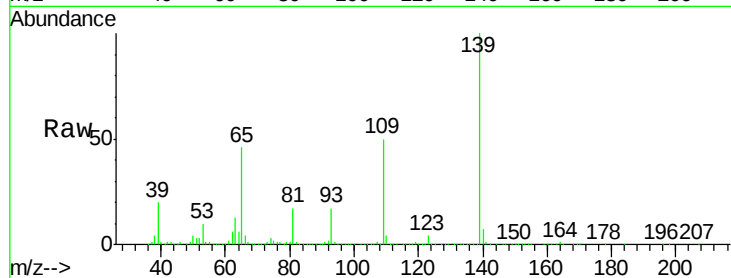
65 46.1 55.7 95.7#

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#56

2,4-Dinitrotoluene

Concen: 39.33 ng

RT: 9.90 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF089823.D

Acq: 23 Aug 2016 10:05

Tgt Ion:165 Resp: 786131

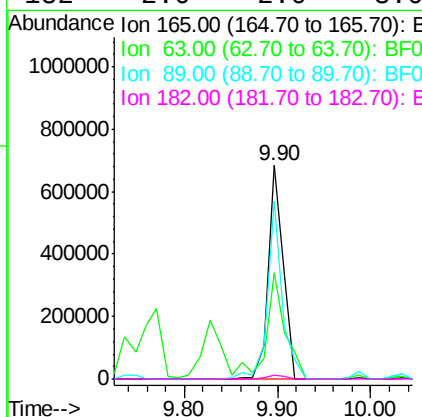
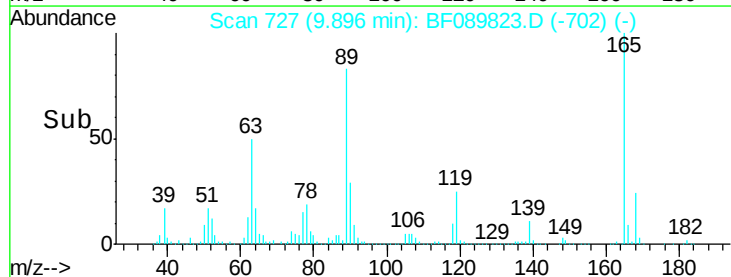
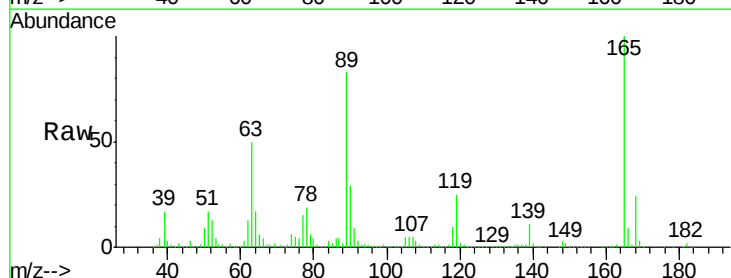
Ion Ratio Lower Upper

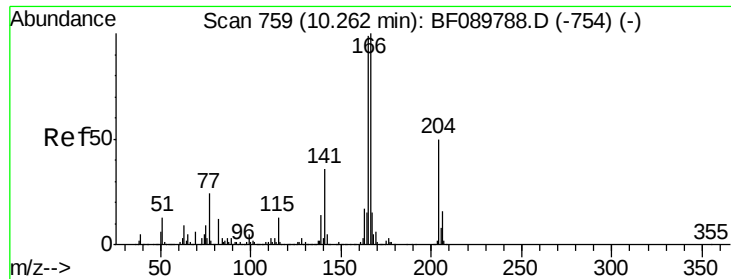
165 100

63 49.9 23.7 35.5#

89 83.4 44.0 66.0#

182 2.0 2.0 3.0#





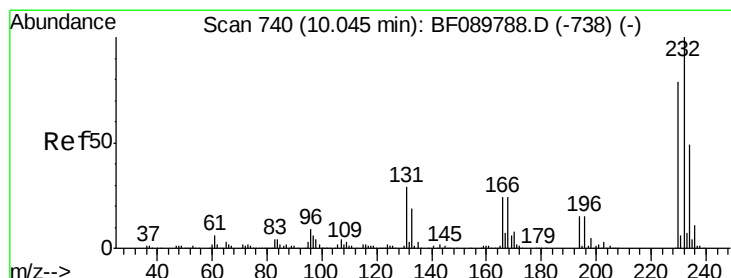
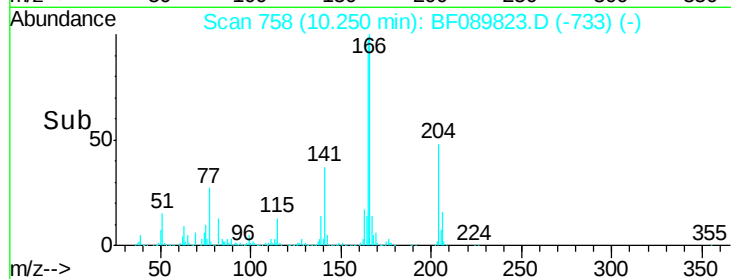
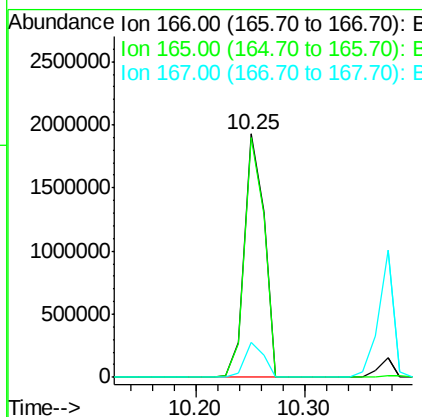
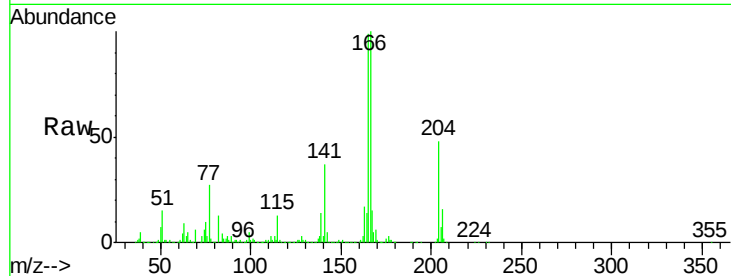
#57
Fluorene
 Concen: 41.93 ng
 RT: 10.25 min Scan# 758
 Delta R.T. -0.01 min
 Lab File: BF089823.D
 Acq: 23 Aug 2016 10:05

Instrument :
 BNA_F
 ClientSampled :
 D-1(2-2.5)MS

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.7	80.2	120.4
167	14.5	11.3	16.9

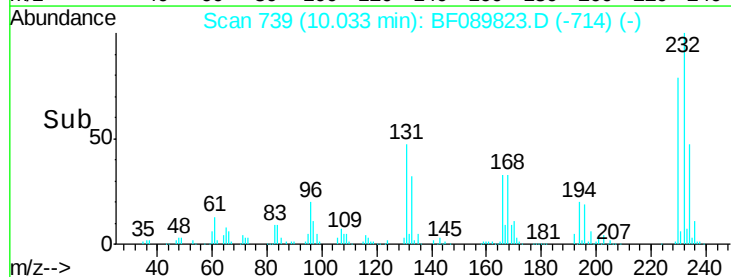
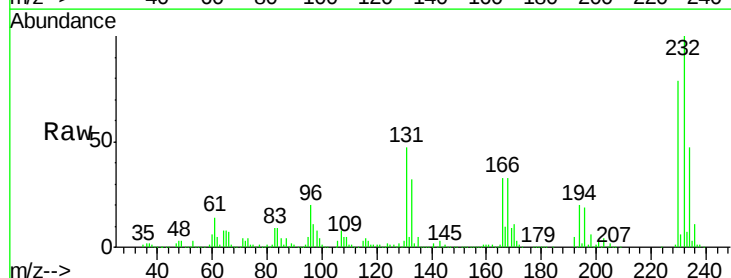
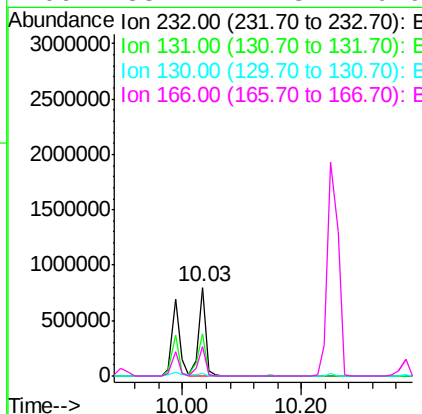
Manual Integrations
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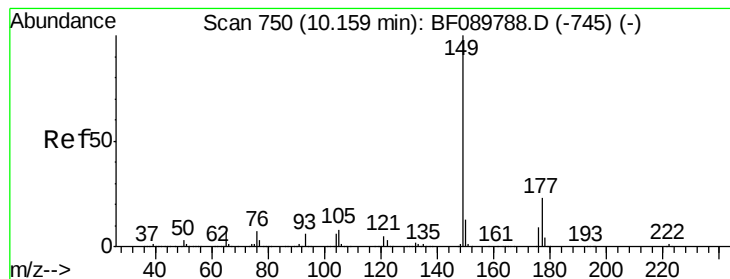
UMANGI
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 49.90 ng
 RT: 10.03 min Scan# 739
 Delta R.T. -0.01 min
 Lab File: BF089823.D
 Acq: 23 Aug 2016 10:05

Tgt Ion	Ratio	Lower	Upper
232	100		
131	50.8	42.5	63.7
130	3.3	2.2	3.4
166	33.7	27.3	40.9





#59

Diethylphthalate

Concen: 40.37 ng

RT: 10.15 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF089823.D

Acq: 23 Aug 2016 10:05

Instrument :

BNA_F

ClientSampleId :

D-1(2-2.5)MS

Tgt Ion:149 Resp: 2736543

Ion Ratio Lower Upper

149 100

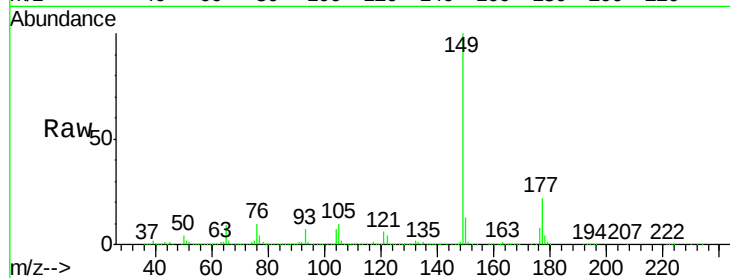
177 21.7 16.6 25.0

150 13.4 10.5 15.7

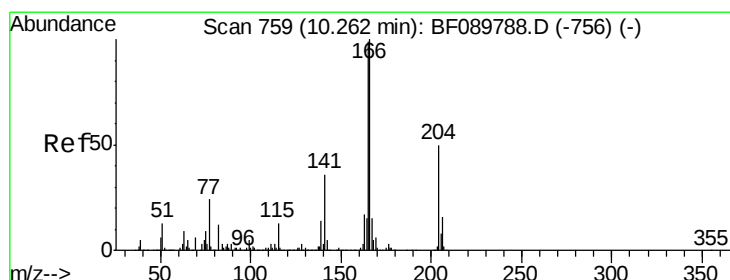
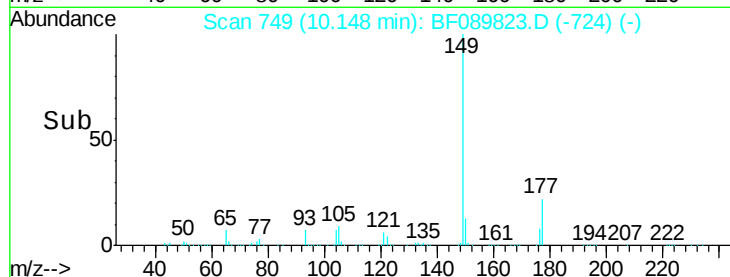
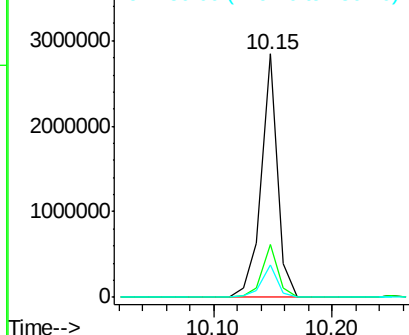
Manual Integrations
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 38.97 ng

RT: 10.25 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF089823.D

Acq: 23 Aug 2016 10:05

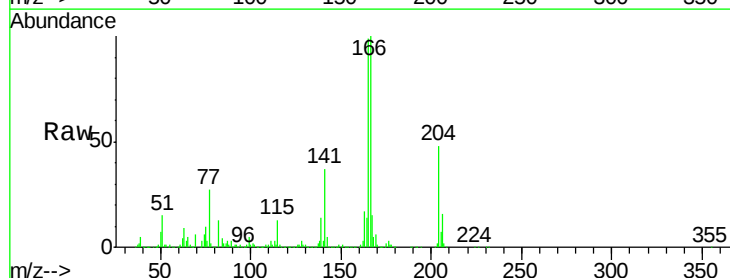
Tgt Ion:204 Resp: 1025984

Ion Ratio Lower Upper

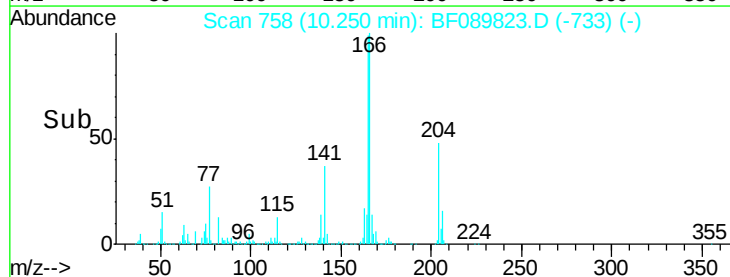
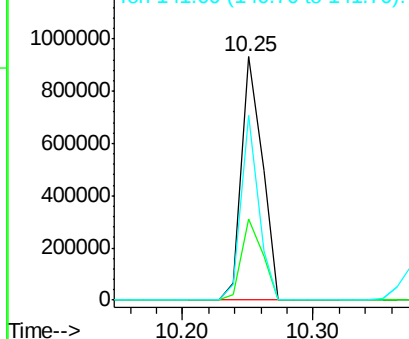
204 100

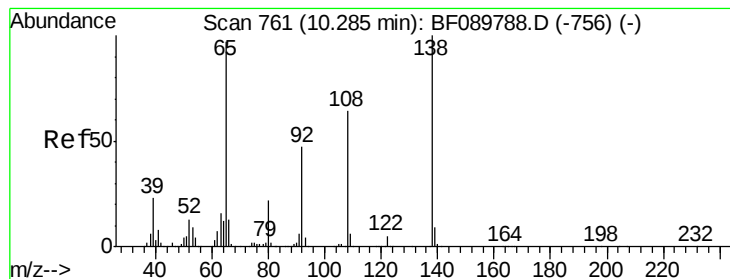
206 33.1 26.5 39.7

141 75.9 54.1 81.1



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





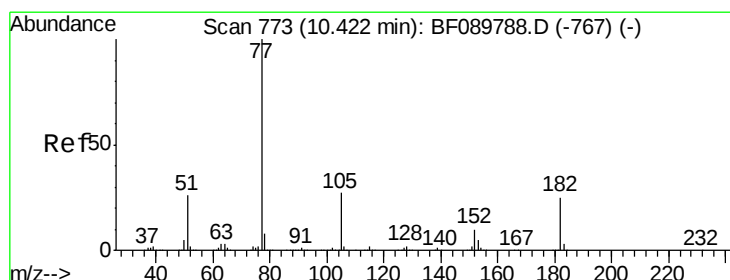
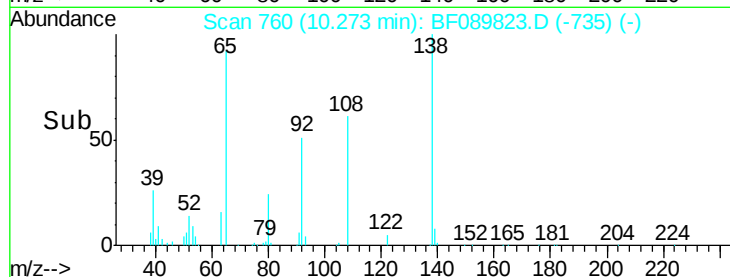
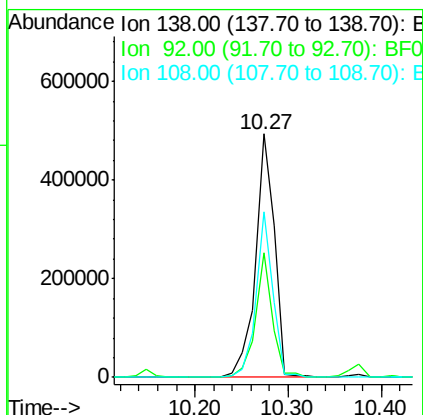
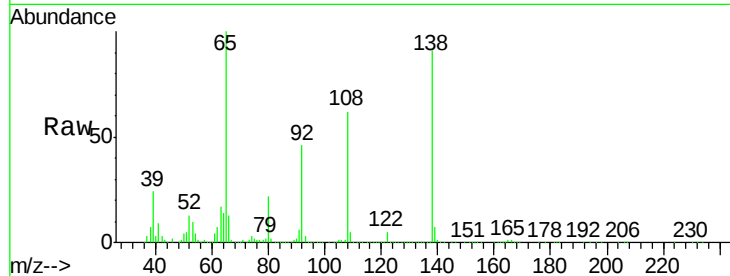
#61
4-Nitroaniline
Concen: 43.49 ng
RT: 10.27 min Scan# 760
Delta R.T. -0.01 min
Lab File: BF089823.D
Acq: 23 Aug 2016 10:05

Instrument :
BNA_F
ClientSampleId :
D-1(2-2.5)MS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	695960		
92	51.0	26.4	66.4	
108	68.0	47.0	87.0	

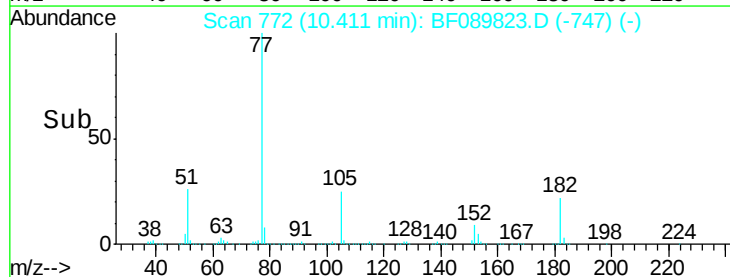
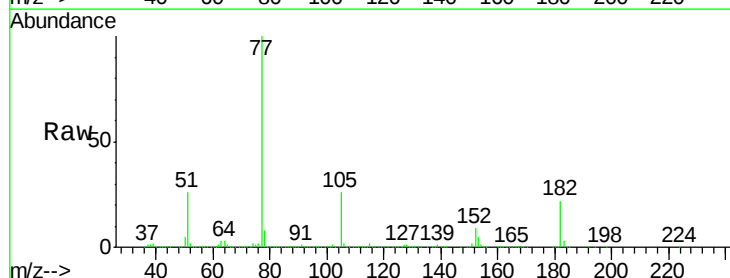
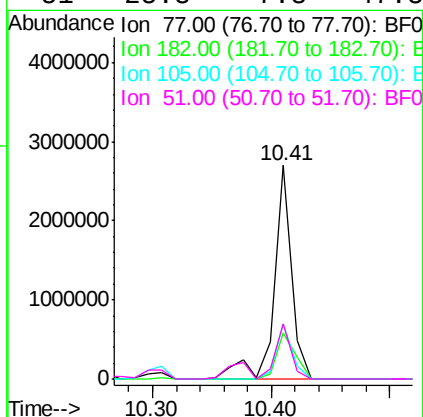
Manual Integrations
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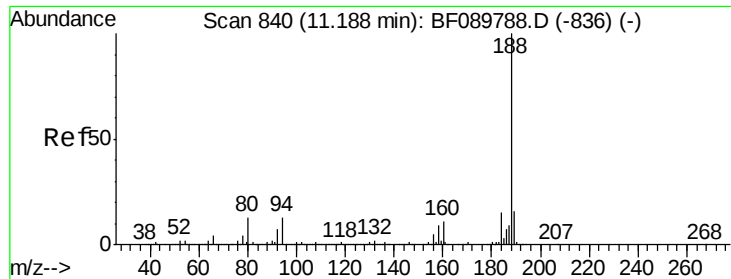
UMANGI
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#62
Azobenzene
Concen: 43.81 ng
RT: 10.41 min Scan# 772
Delta R.T. -0.01 min
Lab File: BF089823.D
Acq: 23 Aug 2016 10:05

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	2791982		
182	21.7	5.6	45.6	
105	25.7	4.0	44.0	
51	25.8	7.8	47.8	





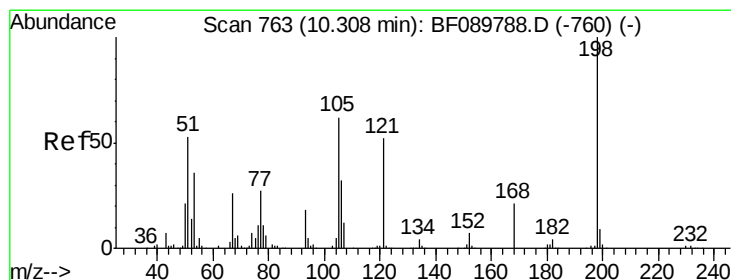
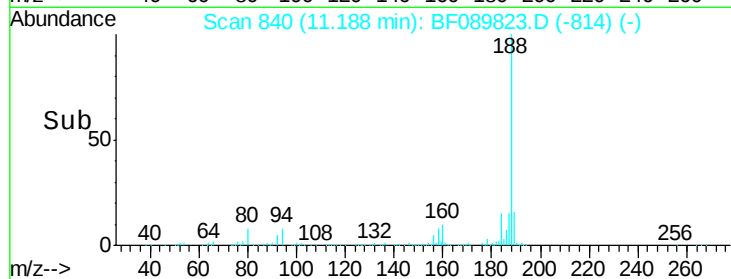
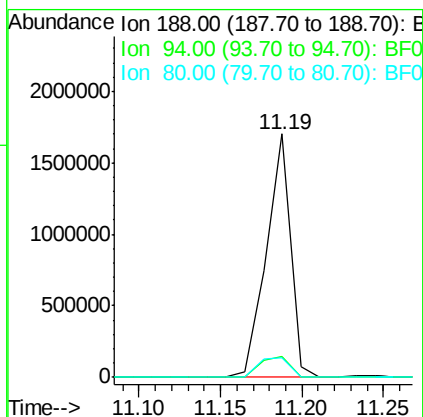
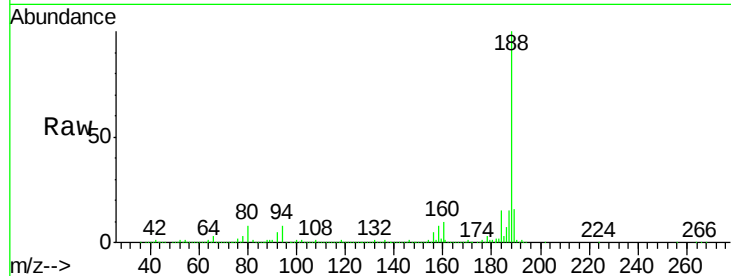
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.19 min Scan# 840
Delta R.T. -0.00 min
Lab File: BF089823.D
Acq: 23 Aug 2016 10:05

Instrument :
BNA_F
ClientSampleId :
D-1(2-2.5)MS

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.4	10.2	15.2#
80	8.3	10.9	16.3#

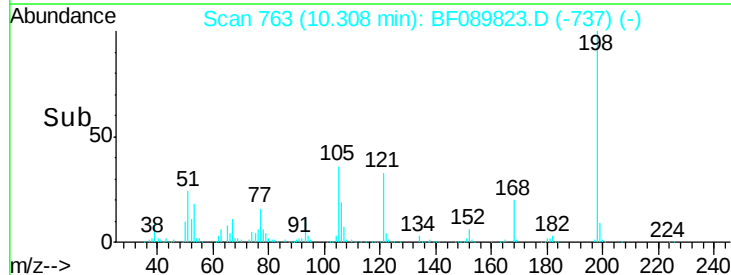
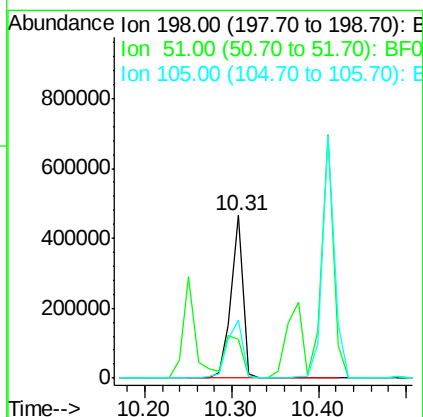
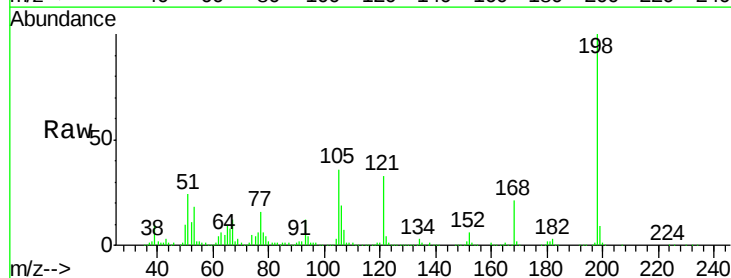
Manual Integrations
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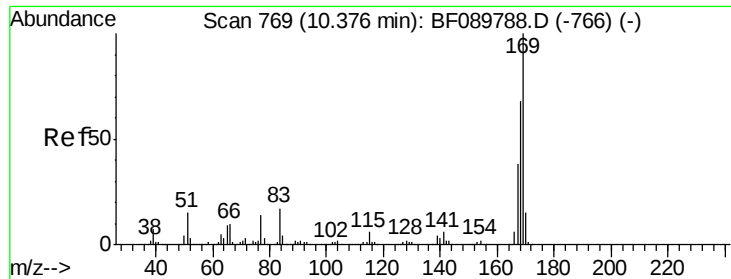
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#64
4,6-Dinitro-2-methylphenol
Concen: 44.27 ng
RT: 10.31 min Scan# 763
Delta R.T. 0.00 min
Lab File: BF089823.D
Acq: 23 Aug 2016 10:05

Tgt Ion	Ratio	Lower	Upper
198	100		
51	24.0	32.3	72.3#
105	35.7	32.9	72.9





#65

n-Nitrosodiphenylamine

Concen: 45.07 ng

RT: 10.38 min Scan# 769

Delta R.T. -0.00 min

Lab File: BF089823.D

Acq: 23 Aug 2016 10:05

Instrument :

BNA_F

ClientSampleId :

D-1(2-2.5)MS

Tgt Ion:169 Resp: 2486476

Ion Ratio Lower Upper

169 100

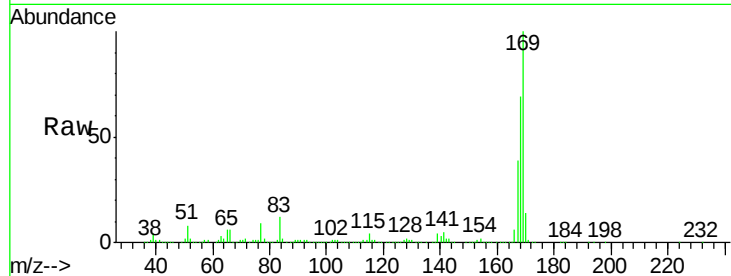
168 68.8 54.6 82.0

167 39.0 30.6 45.8

Manual Integrations
APPROVED

UMANGI

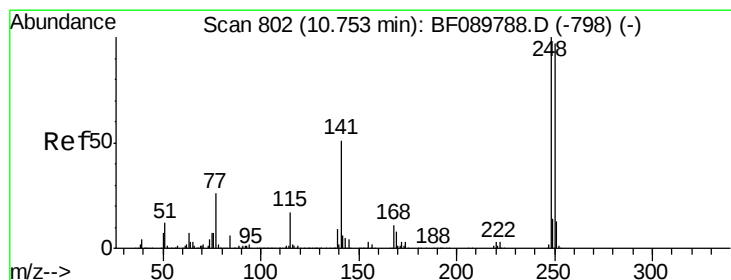
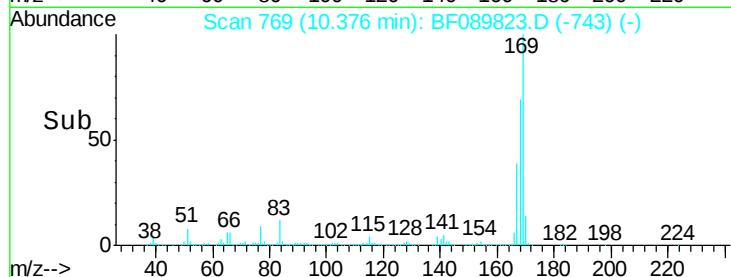
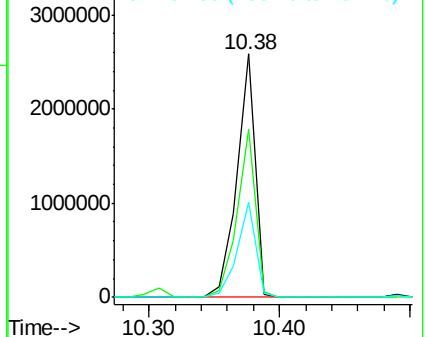
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 40.69 ng

RT: 10.74 min Scan# 801

Delta R.T. -0.01 min

Lab File: BF089823.D

Acq: 23 Aug 2016 10:05

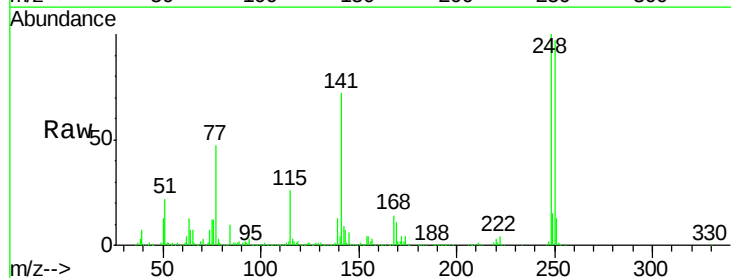
Tgt Ion:248 Resp: 748654

Ion Ratio Lower Upper

248 100

250 97.4 78.6 117.8

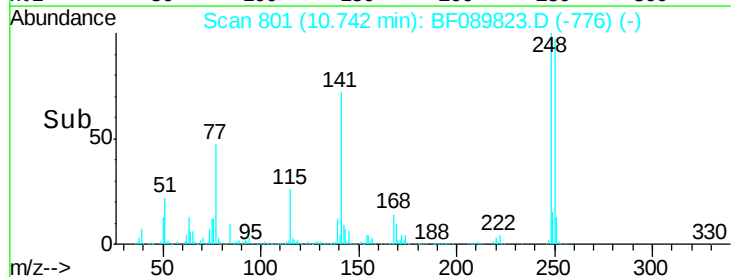
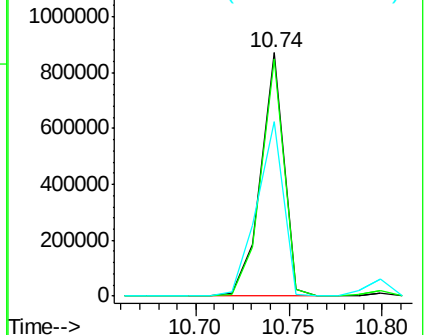
141 71.7 31.4 47.2#

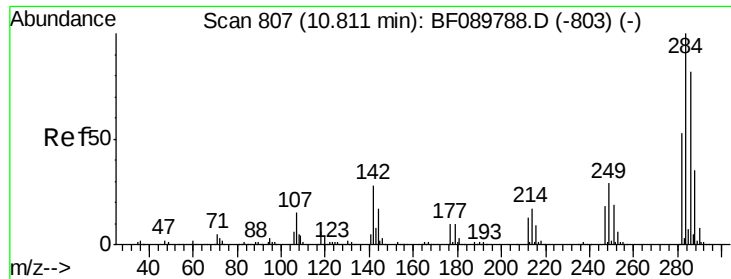


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





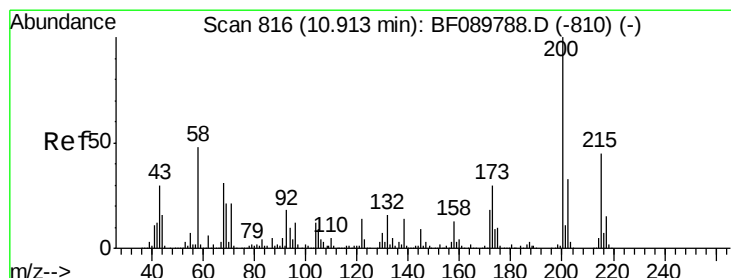
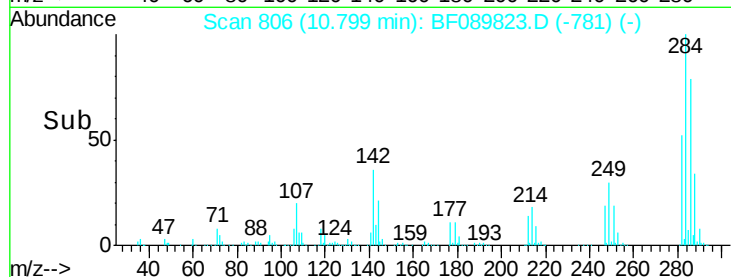
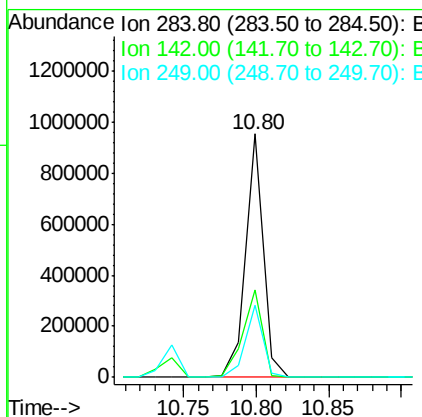
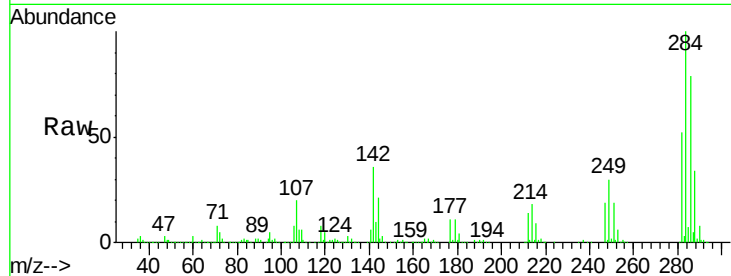
#67
Hexachlorobenzene
Concen: 38.48 ng
RT: 10.80 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF089823.D
Acq: 23 Aug 2016 10:05

Instrument :
BNA_F
ClientSampleId :
D-1(2-2.5)MS

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.8	17.4	26.2
249	29.6	22.8	34.2

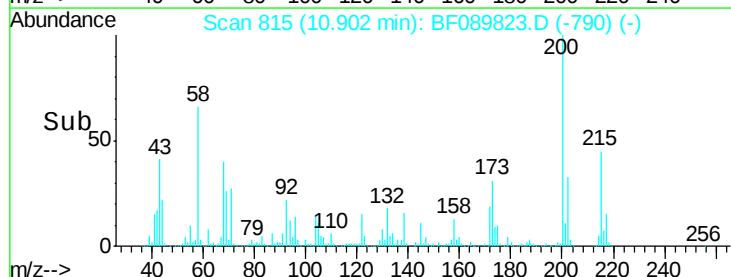
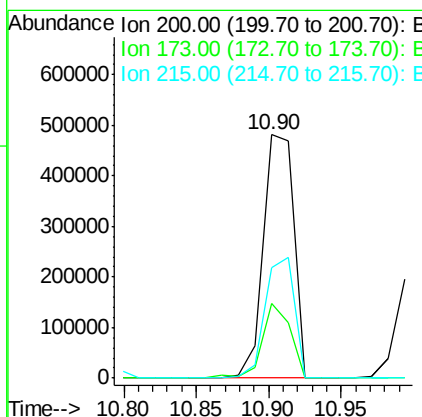
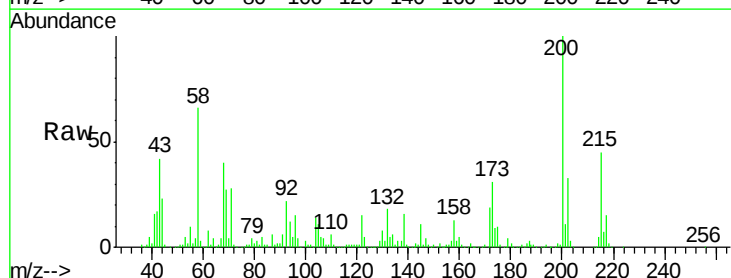
Manual Integrations
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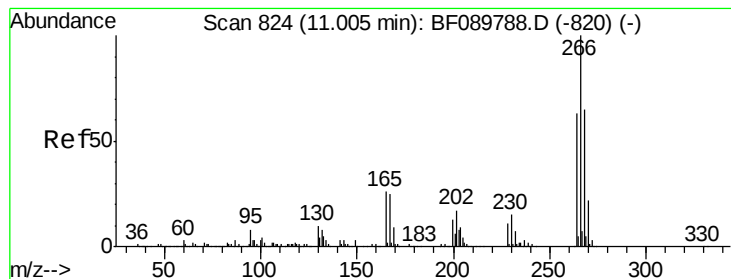
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#68
Atrazine
Concen: 41.51 ng
RT: 10.90 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF089823.D
Acq: 23 Aug 2016 10:05

Tgt Ion	Ratio	Lower	Upper
200	100		
173	30.9	6.6	46.6
215	45.3	24.7	64.7





#69

Pentachlorophenol

Concen: 74.56 ng

RT: 10.99 min Scan# 823

Delta R.T. -0.01 min

Lab File: BF089823.D

Acq: 23 Aug 2016 10:05

Instrument :

BNA_F

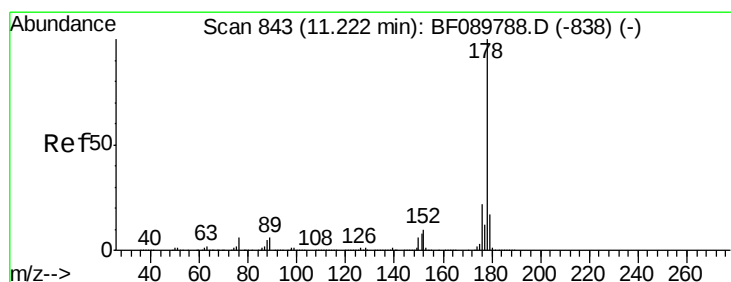
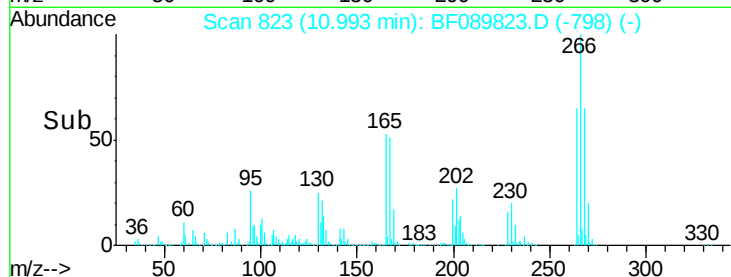
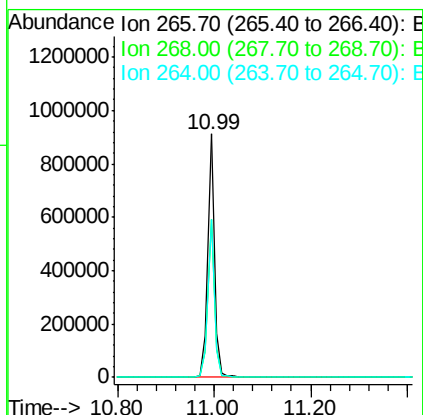
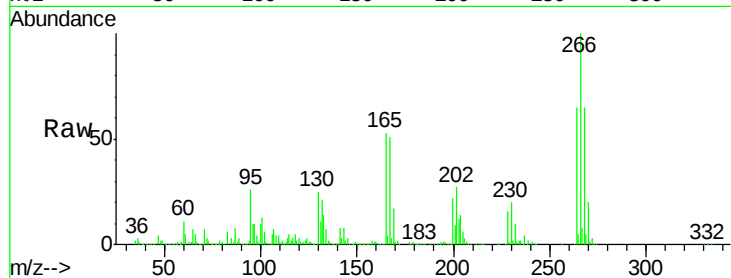
ClientSampleId :

D-1(2-2.5)MS

Tgt Ion:	266	Resp:	886993
Ion Ratio	Lower	Upper	
266	100		
268	64.6	53.2	79.8
264	64.8	51.1	76.7

Manual Integrations
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#70

Phenanthrene

Concen: 40.39 ng

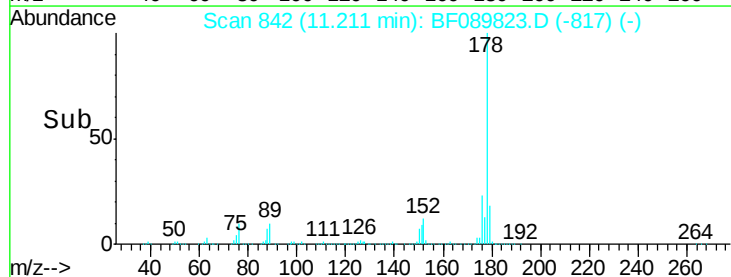
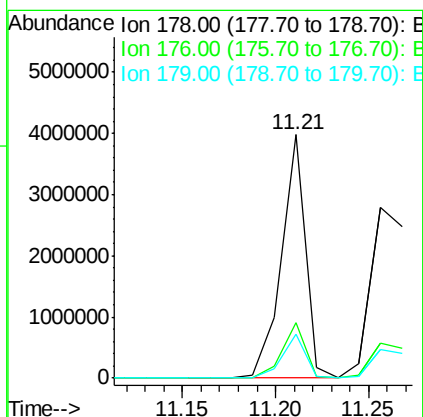
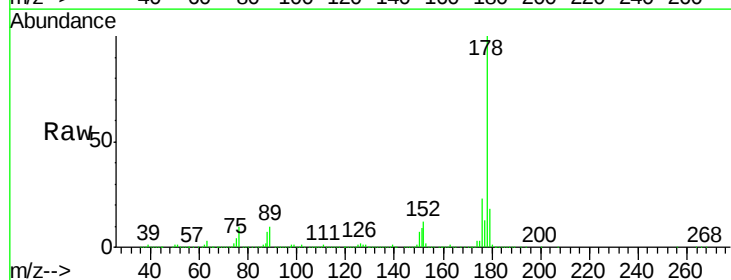
RT: 11.21 min Scan# 842

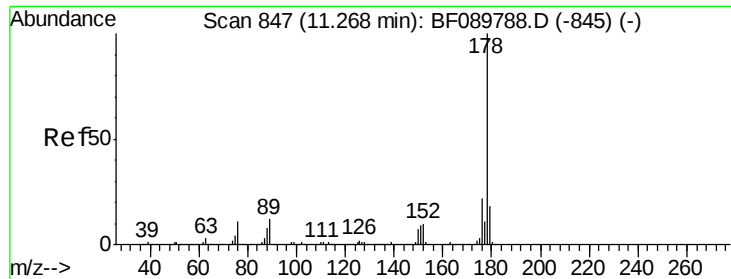
Delta R.T. -0.01 min

Lab File: BF089823.D

Acq: 23 Aug 2016 10:05

Tgt Ion:	178	Resp:	3579856
Ion Ratio	Lower	Upper	
178	100		
176	22.7	16.4	24.6
179	17.8	12.5	18.7





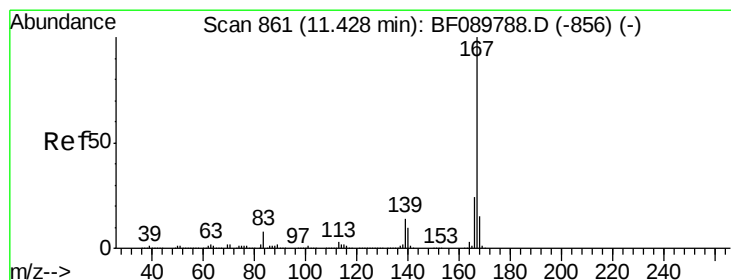
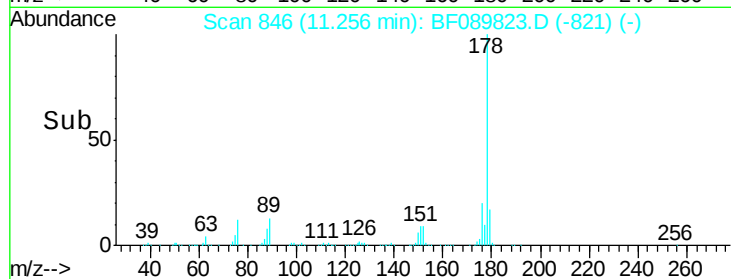
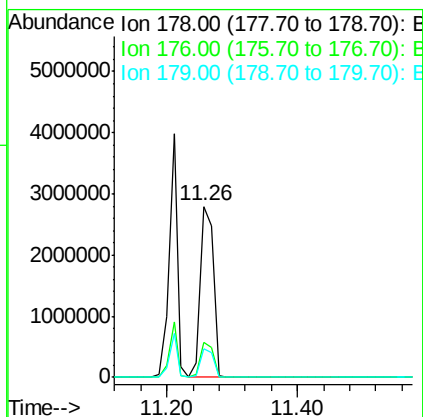
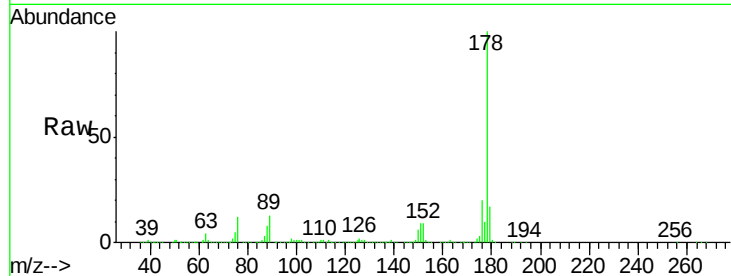
#71
 Anthracene
 Concen: 42.19 ng
 RT: 11.26 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: BF089823.D
 Acq: 23 Aug 2016 10:05

Instrument :
 BNA_F
 ClientSampleId :
 D-1(2-2.5)MS

Tgt Ion:178 Resp: 3801147
 Ion Ratio Lower Upper
 178 100
 176 20.4 16.4 24.6
 179 17.1 13.1 19.7

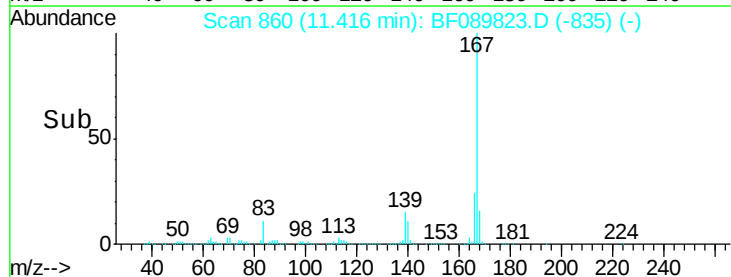
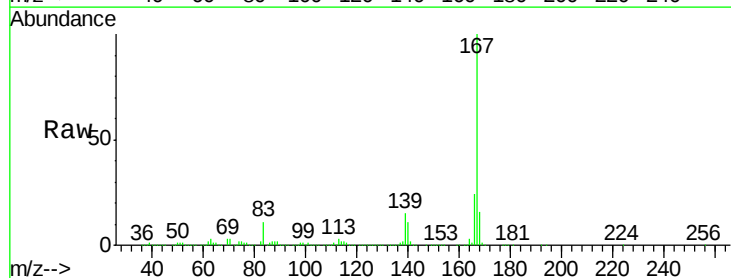
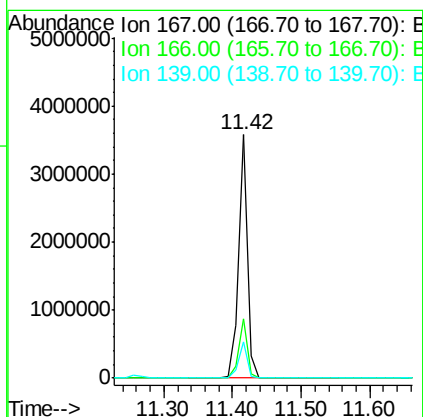
Manual Integrations
 APPROVED

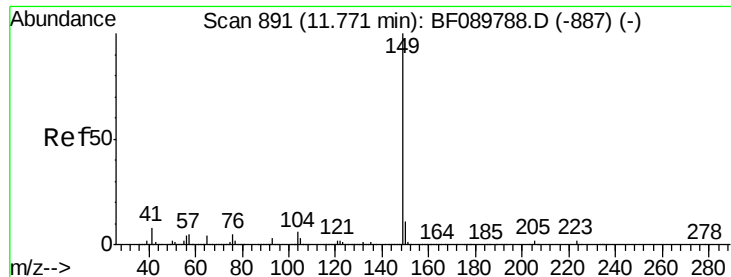
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#72
 Carbazole
 Concen: 40.46 ng
 RT: 11.42 min Scan# 860
 Delta R.T. -0.01 min
 Lab File: BF089823.D
 Acq: 23 Aug 2016 10:05

Tgt Ion:167 Resp: 3269156
 Ion Ratio Lower Upper
 167 100
 166 24.4 17.9 26.9
 139 15.1 12.4 18.6





#73

Di-n-butylphthalate

Concen: 42.66 ng

RT: 11.77 min Scan# 891

Delta R.T. -0.00 min

Lab File: BF089823.D

Acq: 23 Aug 2016 10:05

Instrument :

BNA_F

ClientSampleId :

D-1(2-2.5)MS

Tgt Ion:149 Resp: 4312501

Ion Ratio Lower Upper

149 100

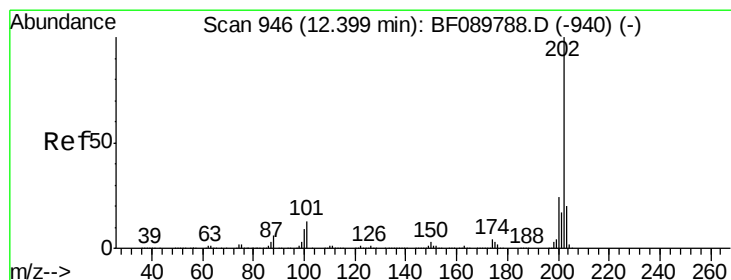
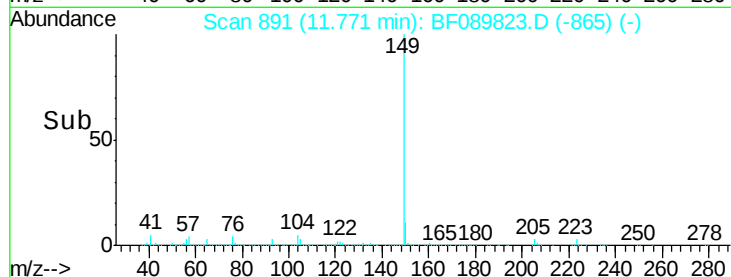
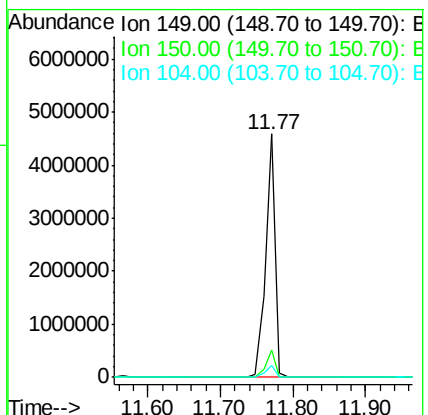
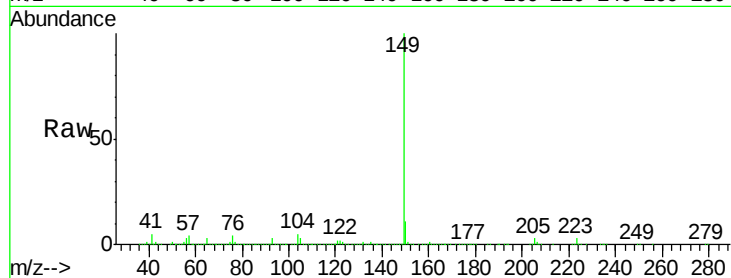
150 11.1 7.9 11.9

104 5.1 4.3 6.5

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#74

Fluoranthene

Concen: 45.99 ng

RT: 12.40 min Scan# 946

Delta R.T. -0.00 min

Lab File: BF089823.D

Acq: 23 Aug 2016 10:05

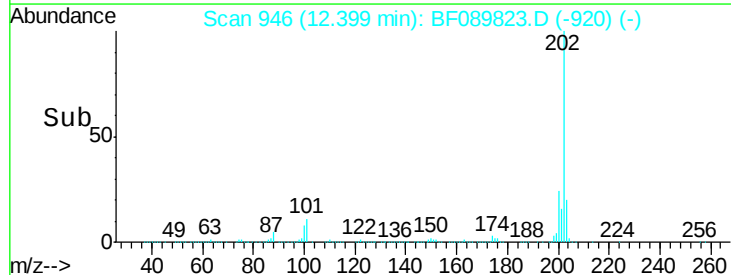
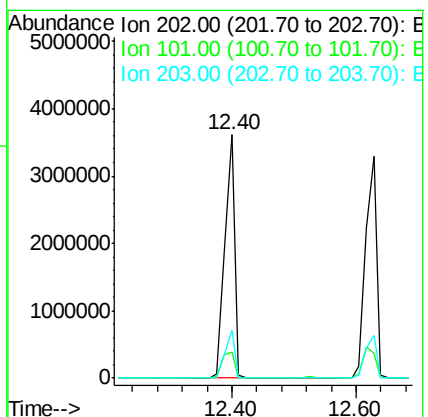
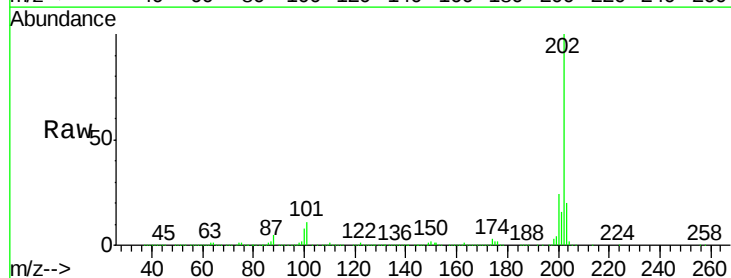
Tgt Ion:202 Resp: 3876904

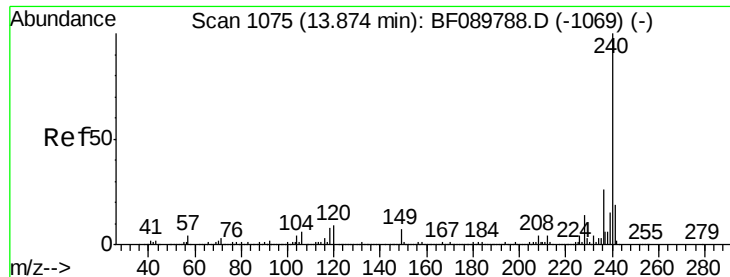
Ion Ratio Lower Upper

202 100

101 10.6 0.0 31.2

203 19.7 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.90 min Scan# 1077

Delta R.T. 0.02 min

Lab File: BF089823.D

Acq: 23 Aug 2016 10:05

Instrument :

BNA_F

ClientSampleId :

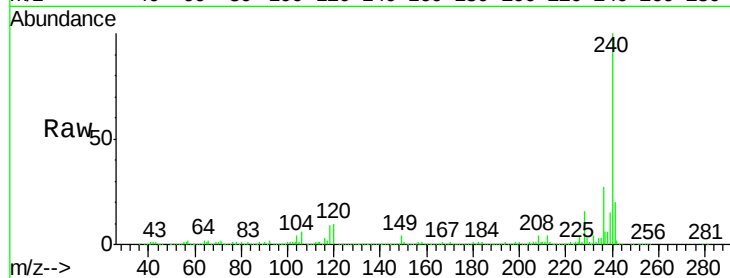
D-1(2-2.5)MS

Tgt Ion:240 Resp: 1507211

Ion	Ratio	Lower	Upper
240	100		
120	9.9	8.3	12.5
236	26.5	21.3	31.9

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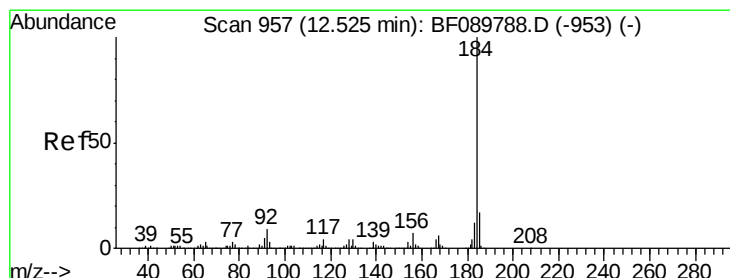
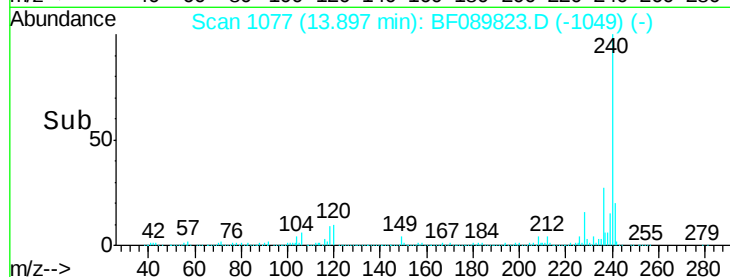
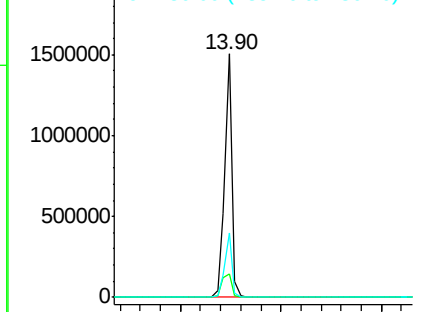
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 41.52 ng

RT: 12.53 min Scan# 957

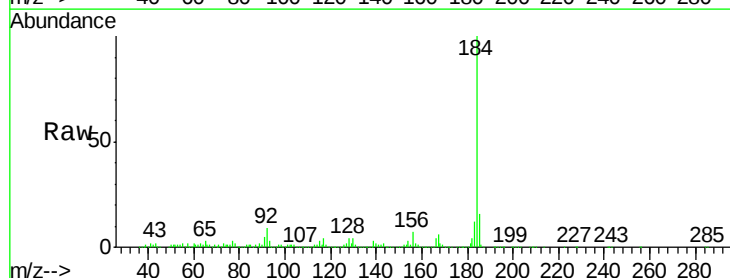
Delta R.T. -0.00 min

Lab File: BF089823.D

Acq: 23 Aug 2016 10:05

Tgt Ion:184 Resp: 2025206

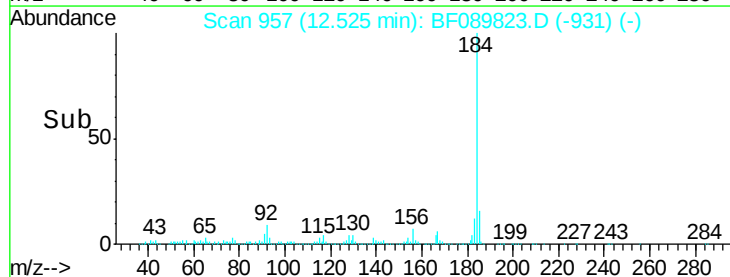
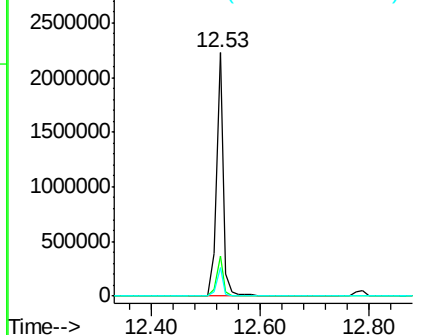
Ion	Ratio	Lower	Upper
184	100		
185	16.3	13.8	20.8
183	11.9	9.7	14.5

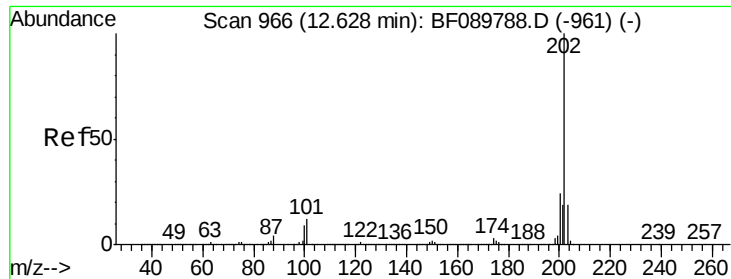


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 32.22 ng

RT: 12.63 min Scan# 966

Delta R.T. -0.00 min

Lab File: BF089823.D

Acq: 23 Aug 2016 10:05

Instrument :

BNA_F

ClientSampleId :

D-1(2-2.5)MS

Tgt Ion:202 Resp: 3954298

Ion Ratio Lower Upper

202 100

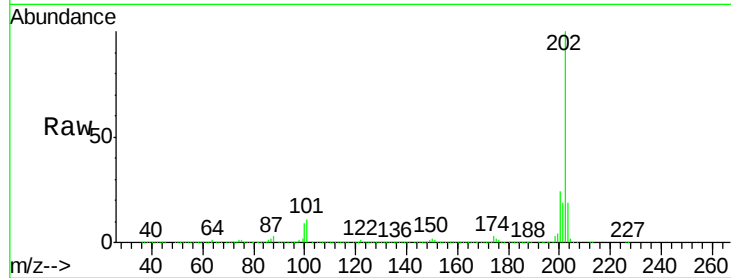
200 23.9 17.8 26.6

203 19.1 14.2 21.4

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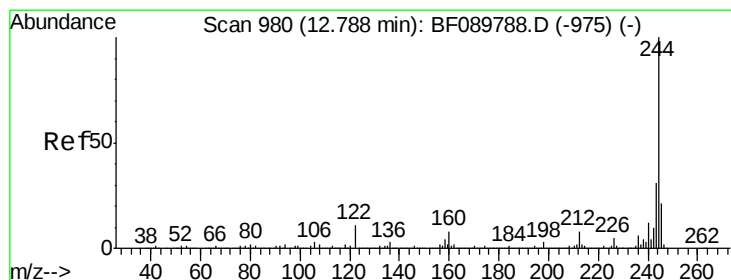
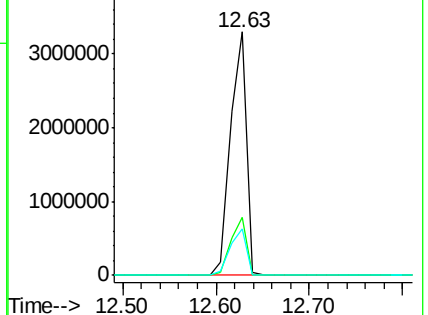
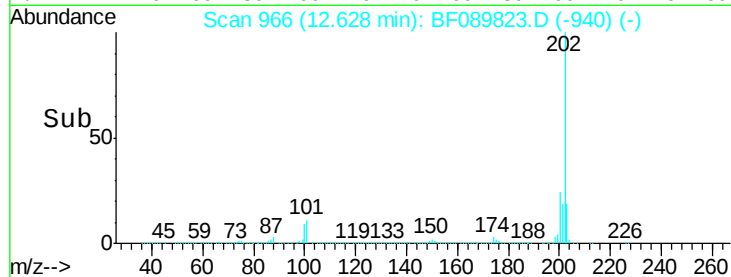
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 57.60 ng

RT: 12.79 min Scan# 980

Delta R.T. 0.00 min

Lab File: BF089823.D

Acq: 23 Aug 2016 10:05

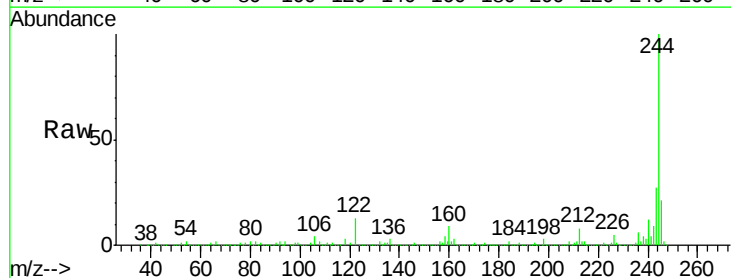
Tgt Ion:244 Resp: 3837576

Ion Ratio Lower Upper

244 100

212 8.4 6.3 9.5

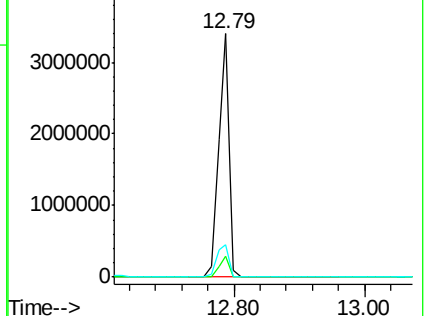
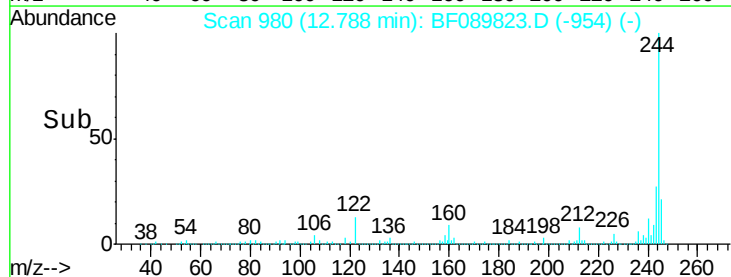
122 13.3 12.0 18.0

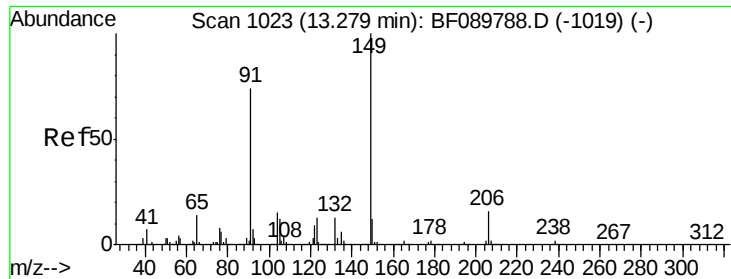


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





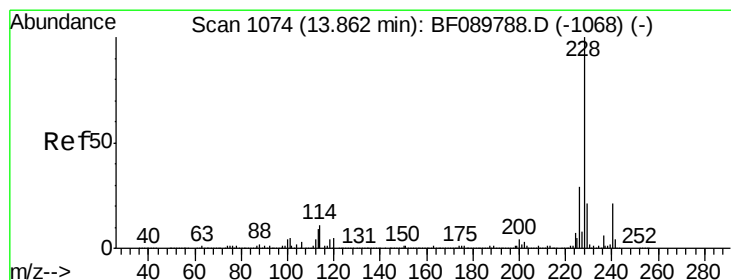
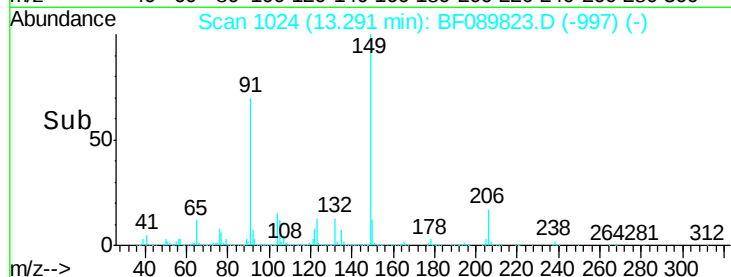
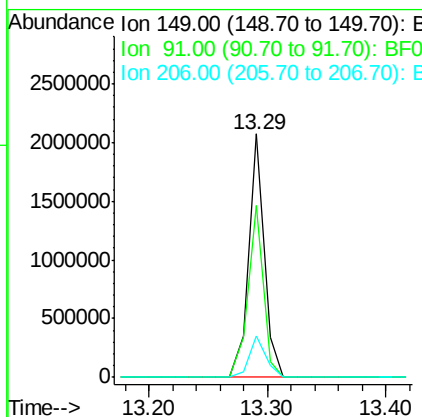
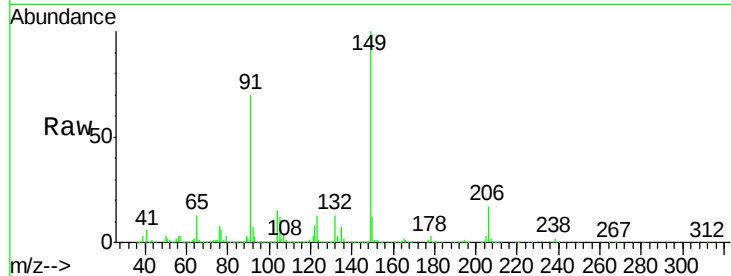
#79
Butylbenzylphthalate
Concen: 34.48 ng
RT: 13.29 min Scan# 1024
Delta R.T. 0.01 min
Lab File: BF089823.D
Acq: 23 Aug 2016 10:05

Instrument :
BNA_F
ClientSampleId :
D-1(2-2.5)MS

Tgt Ion:149 Resp: 1911208
Ion Ratio Lower Upper
149 100
91 70.5 50.7 76.1
206 17.1 15.5 23.3

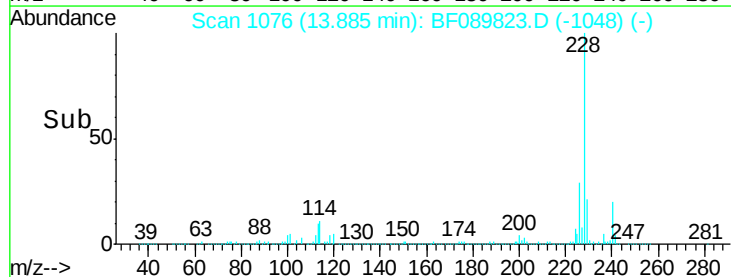
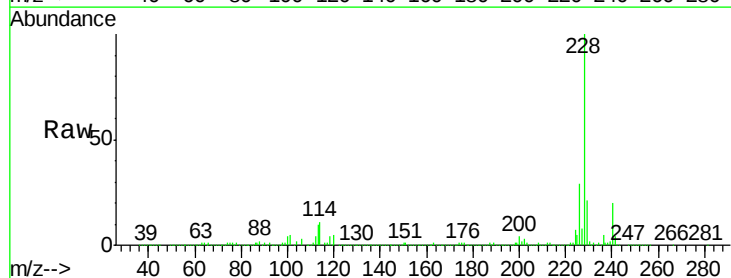
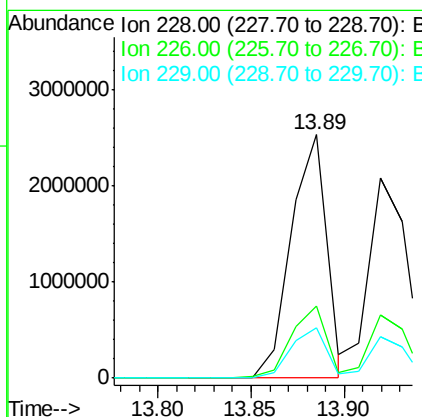
Manual Integrations
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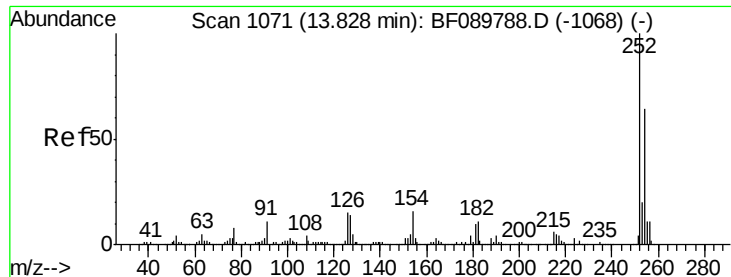
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#80
Benzo(a)anthracene
Concen: 39.09 ng
RT: 13.89 min Scan# 1076
Delta R.T. 0.02 min
Lab File: BF089823.D
Acq: 23 Aug 2016 10:05

Tgt Ion:228 Resp: 3374414
Ion Ratio Lower Upper
228 100
226 29.4 23.2 34.8
229 20.9 16.2 24.4





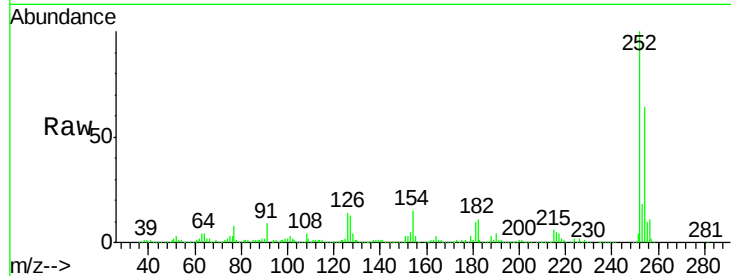
#81
 3,3'-Dichlorobenzidine
 Concen: 35.14 ng
 RT: 13.85 min Scan# 1073
 Delta R.T. 0.02 min
 Lab File: BF089823.D
 Acq: 23 Aug 2016 10:05

Instrument :
 BNA_F
 ClientSampled :
 D-1(2-2.5)MS

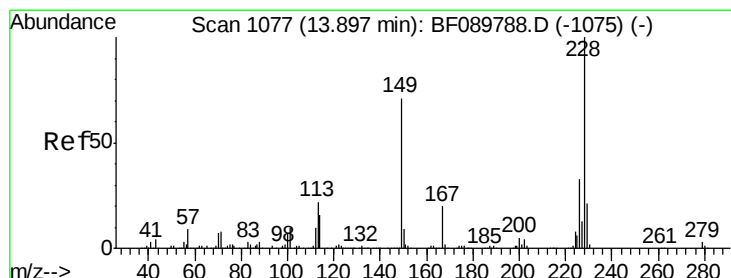
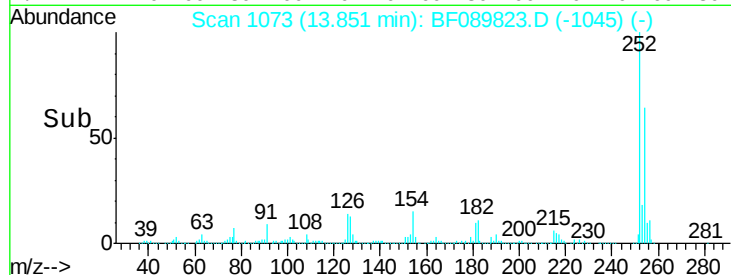
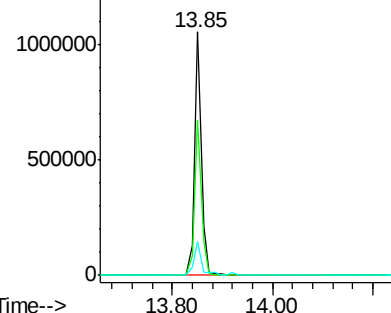
Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.7	50.6	75.8
126	13.7	12.6	18.8

Manual Integrations
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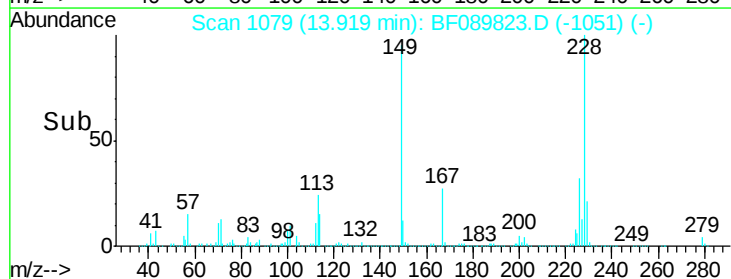
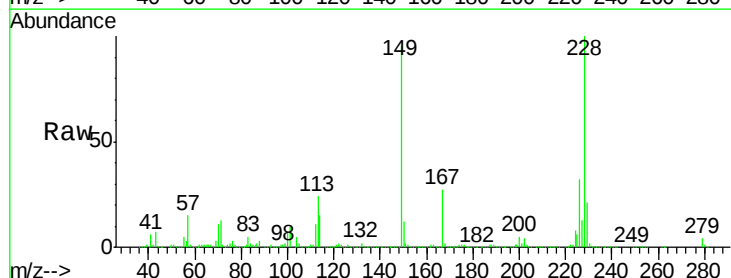
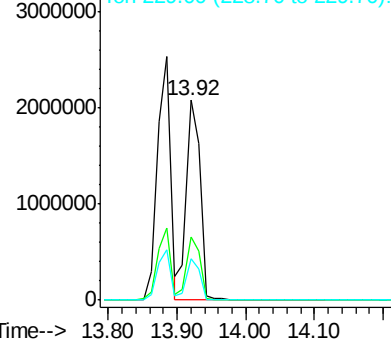
Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

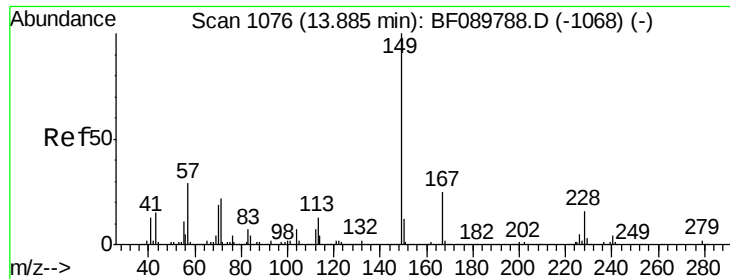


#82
 Chrysene
 Concen: 38.82 ng
 RT: 13.92 min Scan# 1079
 Delta R.T. 0.02 min
 Lab File: BF089823.D
 Acq: 23 Aug 2016 10:05

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.4	38.0
229	20.9	16.5	24.7

Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 33.92 ng

RT: 13.92 min Scan# 1079

Delta R.T. 0.03 min

Lab File: BF089823.D

Acq: 23 Aug 2016 10:05

Instrument :

BNA_F

ClientSampleId :

D-1(2-2.5)MS

Tgt Ion:149 Resp: 2589916

Ion Ratio Lower Upper

149 100

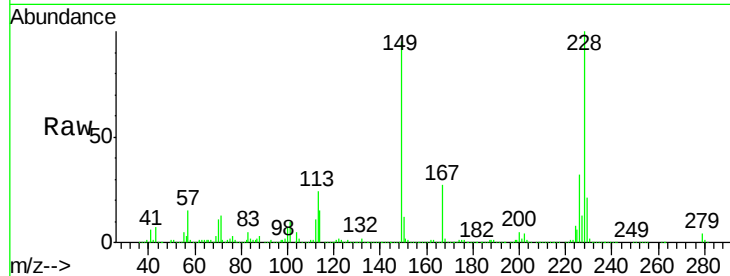
167 28.1 21.2 31.8

279 3.9 2.9 4.3

Manual Integrations
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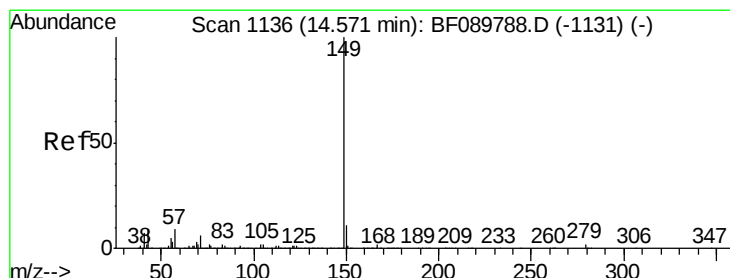
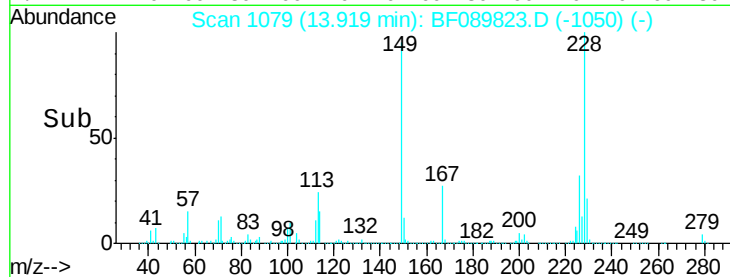
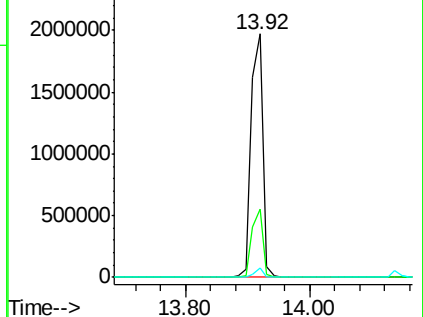
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 44.60 ng

RT: 14.62 min Scan# 1140

Delta R.T. 0.05 min

Lab File: BF089823.D

Acq: 23 Aug 2016 10:05

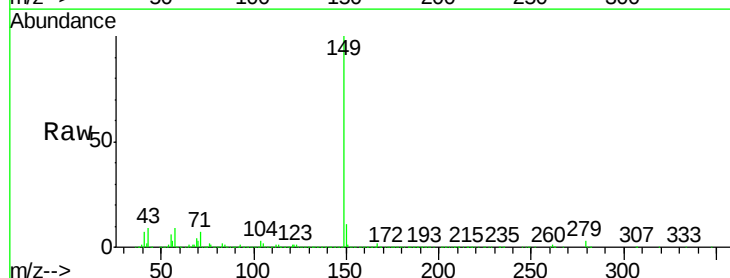
Tgt Ion:149 Resp: 4525825

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

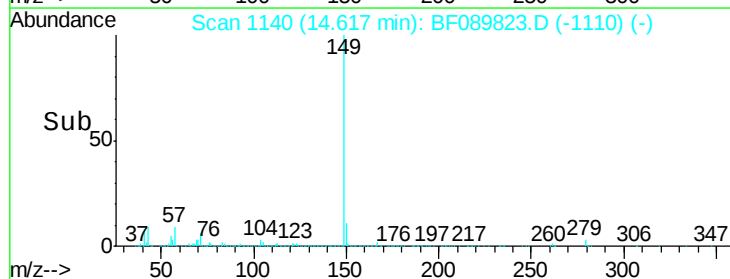
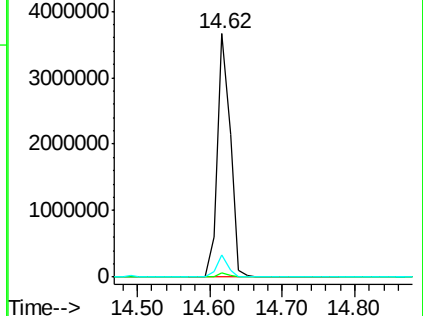
43 8.0 8.4 12.6#

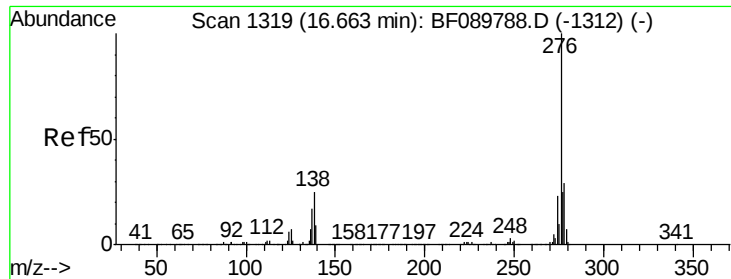


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





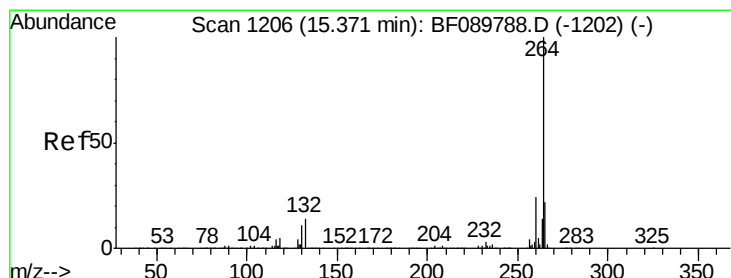
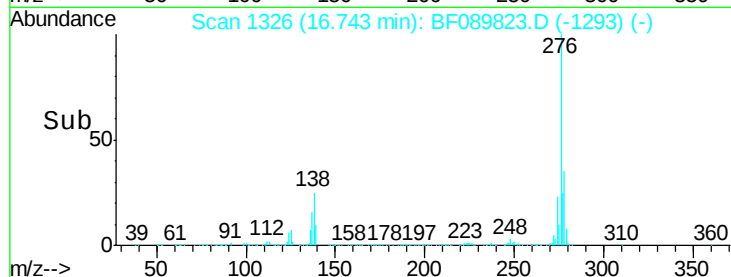
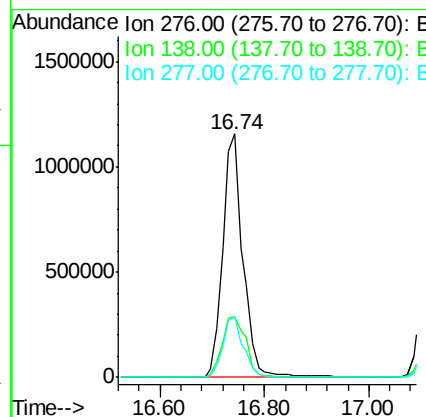
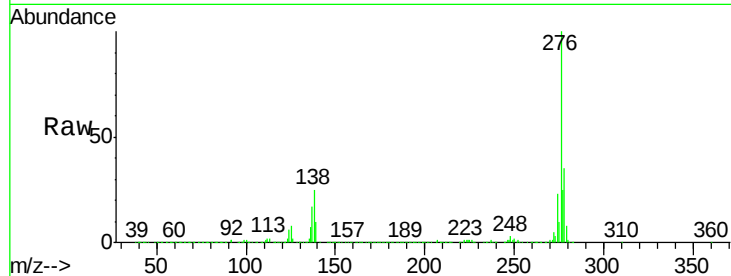
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 32.85 ng
 RT: 16.74 min Scan# 1326
 Delta R.T. 0.08 min
 Lab File: BF089823.D
 Acq: 23 Aug 2016 10:05

Instrument :
 BNA_F
 ClientSampleId :
 D-1(2-2.5)MS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.9	24.6	36.8
277	25.6	20.4	30.6

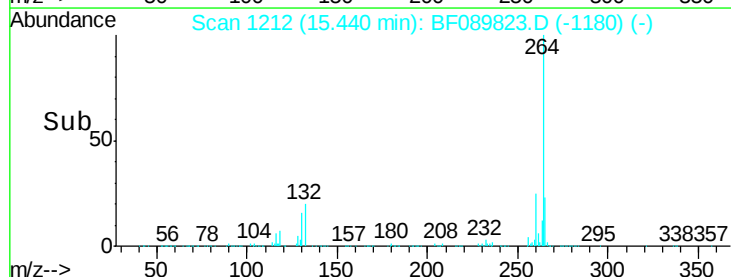
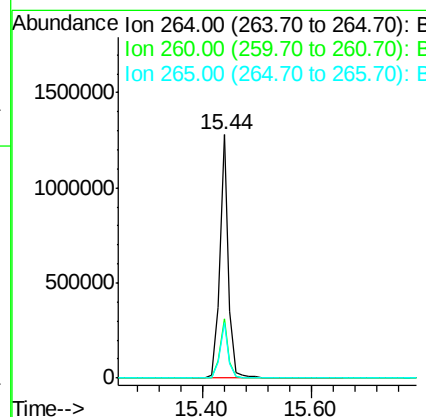
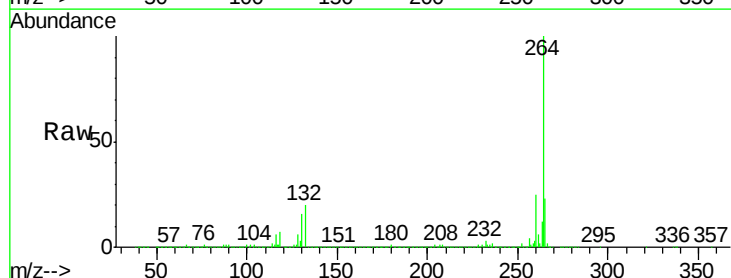
Manual Integrations
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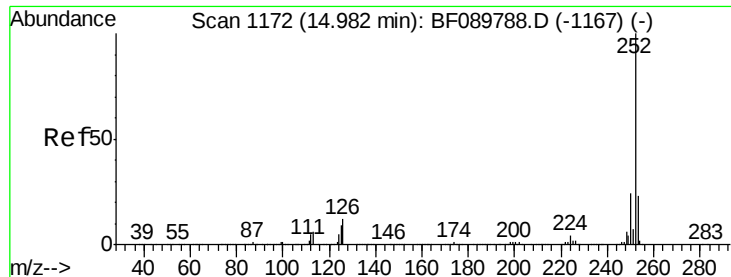
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1212
 Delta R.T. 0.07 min
 Lab File: BF089823.D
 Acq: 23 Aug 2016 10:05

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	20.2	30.2
265	22.7	17.4	26.2





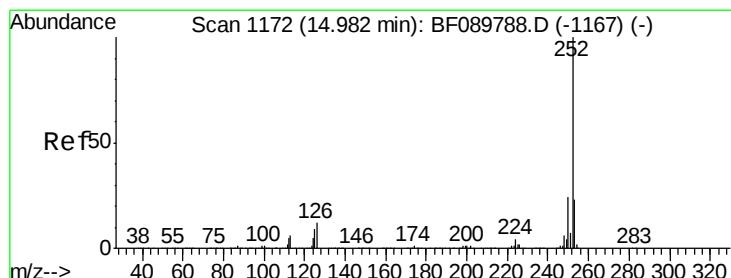
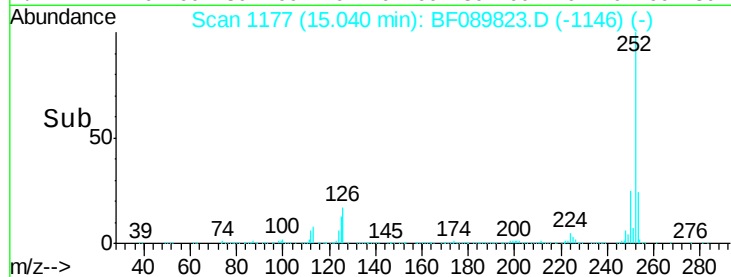
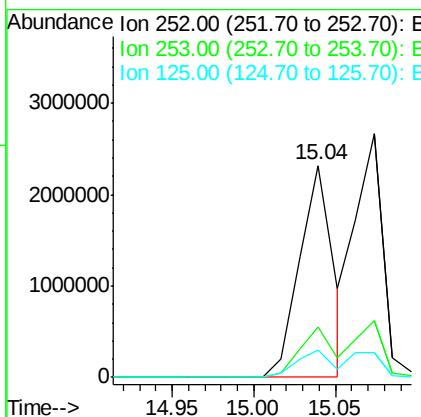
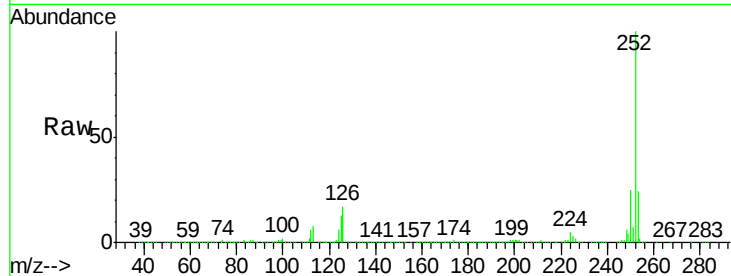
#87
Benzo(b)fluoranthene
Concen: 41.87 ng
RT: 15.04 min Scan# 1177
Delta R.T. 0.06 min
Lab File: BF089823.D
Acq: 23 Aug 2016 10:05

Instrument :
BNA_F
ClientSampleId :
D-1(2-2.5)MS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.8	26.8
125	12.7	11.4	17.2

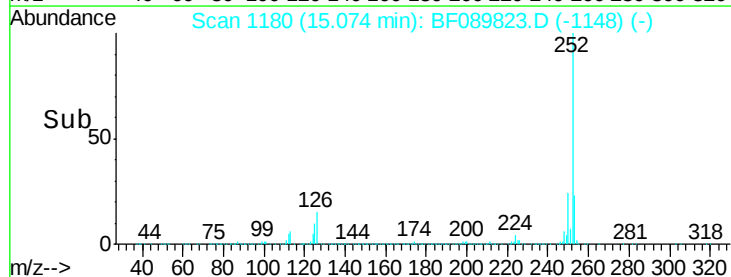
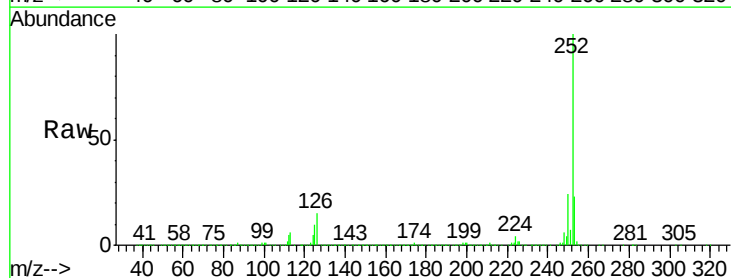
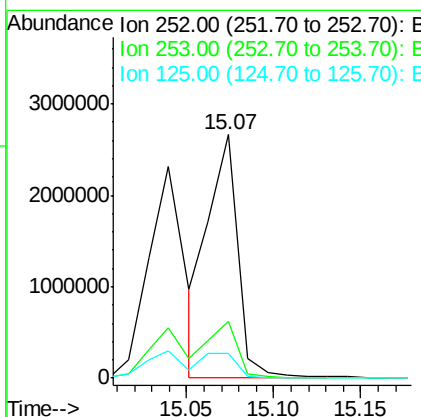
Manual Integrations
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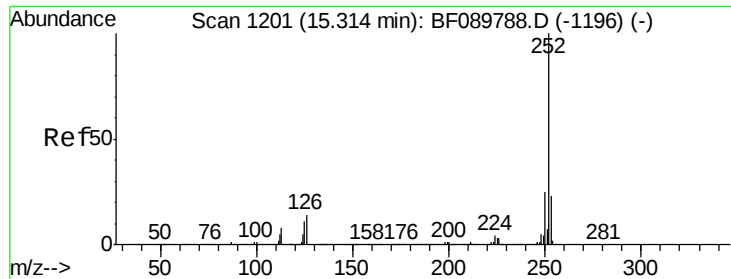
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#88
Benzo(k)fluoranthene
Concen: 45.20 ng m
RT: 15.07 min Scan# 1180
Delta R.T. 0.07 min
Lab File: BF089823.D
Acq: 23 Aug 2016 10:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.4	27.6
125	10.2	9.8	14.6





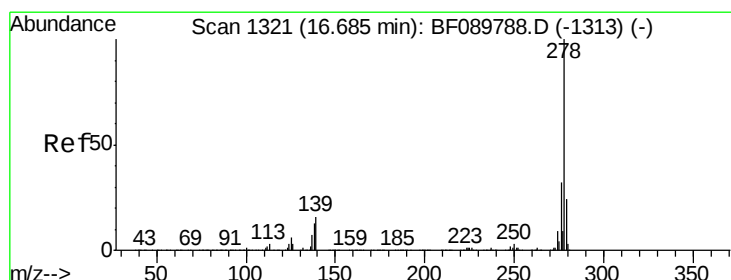
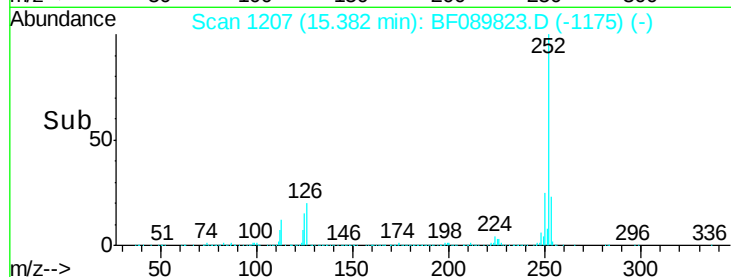
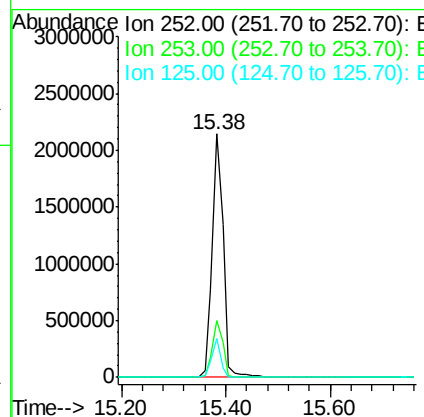
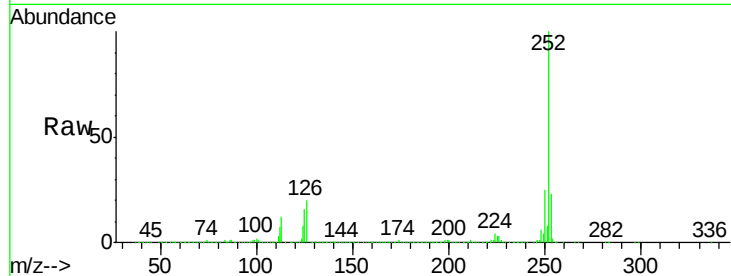
#89
Benzo(a)pyrene
Concen: 41.69 ng
RT: 15.38 min Scan# 1207
Delta R.T. 0.07 min
Lab File: BF089823.D
Acq: 23 Aug 2016 10:05

Instrument :
BNA_F
ClientSampleId :
D-1(2-2.5)MS

Tgt Ion: 252 Resp: 3117576
Ion Ratio Lower Upper
252 100
253 23.4 17.8 26.8
125 15.7 11.7 17.5

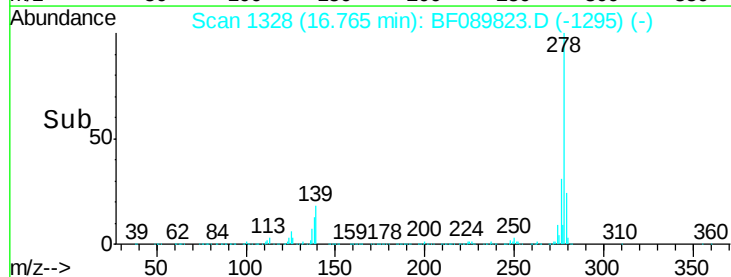
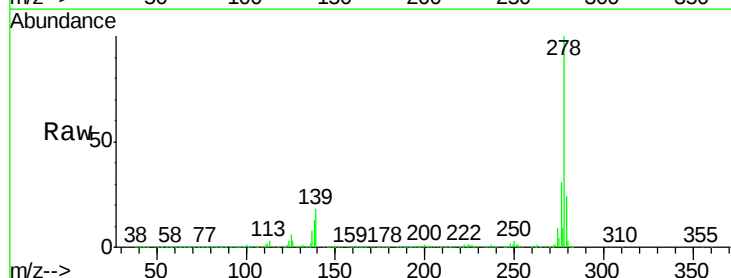
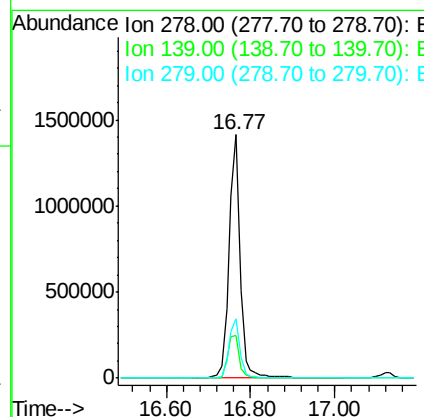
Manual Integrations
APPROVED

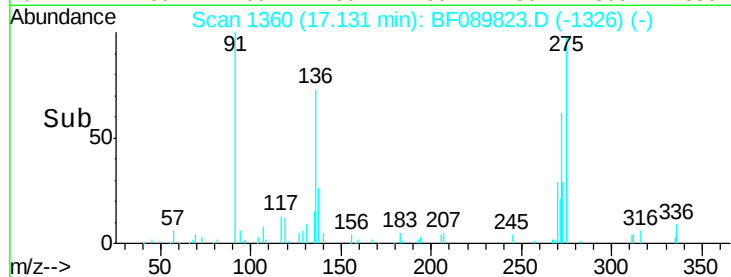
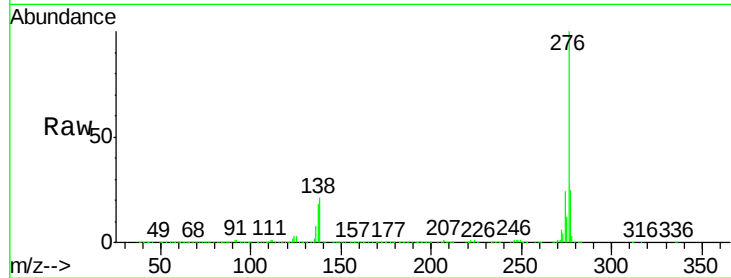
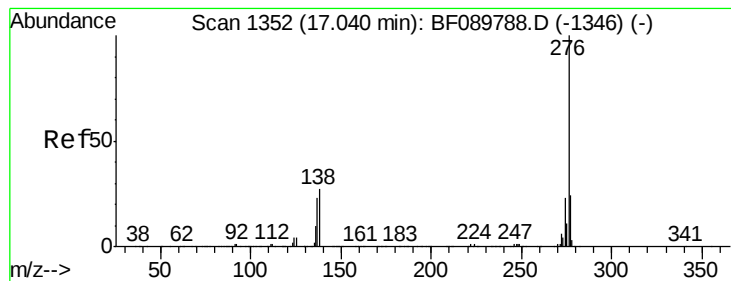
UMANGI
8/25/2016 5:21:53 PM



#90
Dibenzo(a,h)anthracene
Concen: 31.92 ng
RT: 16.77 min Scan# 1328
Delta R.T. 0.08 min
Lab File: BF089823.D
Acq: 23 Aug 2016 10:05

Tgt Ion: 278 Resp: 2590655
Ion Ratio Lower Upper
278 100
139 17.7 14.9 22.3
279 24.3 19.2 28.8





#91

Benzo(g,h,i)perylene

Concen: 29.35 ng

RT: 17.13 min Scan# 1360

Delta R.T. 0.09 min

Lab File: BF089823.D

Acq: 23 Aug 2016 10:05

Instrument :

BNA_F

ClientSampleId :

D-1(2-2.5)MS

Tgt Ion: 276 Resp: 2508594

Ion Ratio Lower Upper

276 100

277 24.5 19.2 28.8

138 21.3 22.1 33.1#

Manual Integrations

APPROVED

UMANGI

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