

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081916\
 Data File : BF089809.D
 Acq On : 19 Aug 2016 21:20
 Operator : UM/SJ
 Sample : H4367-20MSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 I-3MSD

Manual Integrations
 APPROVED

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 8/22/2016 3:48:15 PM

Quant Time: Aug 22 02:04:55 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	6.68	152	589899	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	2260691	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	955189	20.00	ng	0.01
63) Phenanthrene-d10	11.20	188	1458268	20.00	ng	0.01
75) Chrysene-d12	13.85	240	747282	20.00	ng	-0.02
86) Perylene-d12	15.30	264	908612	20.00	ng	-0.07

System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	3129856	90.99	ng	0.01
7) Phenol-d6	6.33	99	4238916	100.39	ng	0.01
23) Nitrobenzene-d5	7.26	82	2641390	72.59	ng	0.00
41) 2,4,6-Tribromophenol	10.50	330	924215	101.81	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	4091593	75.29	ng	0.00
78) Terphenyl-d14	12.79	244	2555392	77.36	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.18	88	272403	16.00	ng	96
3) Pyridine	2.83	79	775791	17.38	ng	93
4) n-Nitrosodimethylamine	2.78	42	421829	25.38	ng	# 77
6) Aniline	6.39	93	1160396	20.49	ng	96
8) 2-Chlorophenol	6.47	128	1397963	33.98	ng	89
9) Benzaldehyde	6.22	77	371444	13.50	ng	98
10) Phenol	6.34	94	1921778	38.83	ng	84
11) bis(2-Chloroethyl)ether	6.43	93	1370611	35.72	ng	90
12) 1,3-Dichlorobenzene	6.63	146	1342952m	31.23	ng	
13) 1,4-Dichlorobenzene	6.71	146	1307747m	29.58	ng	
14) 1,2-Dichlorobenzene	6.86	146	1316301	31.90	ng	96
15) Benzyl Alcohol	6.83	79	1081784	38.63	ng	95
16) 2,2'-oxybis(1-Chloropropan	6.98	45	1702970	34.67	ng	90
17) 2-Methylphenol	6.95	107	1181765	36.68	ng	98
18) Hexachloroethane	7.20	117	474142	30.07	ng	# 87
19) n-Nitroso-di-n-propylamine	7.12	70	1070400	39.64	ng	# 82
20) 3+4-Methylphenols	7.11	107	1368329	34.64	ng	# 69
22) Acetophenone	7.10	105	1762264	33.95	ng	# 90
24) Nitrobenzene	7.27	77	1365559	33.45	ng	96
25) Isophorone	7.52	82	2841697	38.72	ng	# 90
26) 2-Nitrophenol	7.59	139	691586	33.95	ng	# 83
27) 2,4-Dimethylphenol	7.63	122	1228919	33.47	ng	95
28) bis(2-Chloroethoxy)methane	7.74	93	1962886	43.23	ng	96
29) 2,4-Dichlorophenol	7.83	162	1137510	36.93	ng	90
30) 1,2,4-Trichlorobenzene	7.92	180	1260603	37.00	ng	96
31) Naphthalene	8.00	128	3993108	37.79	ng	100
33) 4-Chloroaniline	8.04	127	853874	18.64	ng	# 91
34) Hexachlorobutadiene	8.12	225	628963	35.25	ng	96
35) Caprolactam	8.41	113	364311	38.84	ng	87
36) 4-Chloro-3-methylphenol	8.54	107	1371635	41.11	ng	99
37) 2-Methylnaphthalene	8.68	142	2684125	39.27	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	969408	31.34	ng	# 96
40) Hexachlorocyclopentadiene	8.84	237	412096	38.37	ng	97
42) 2,4,6-Trichlorophenol	8.96	196	781585	40.16	ng	99

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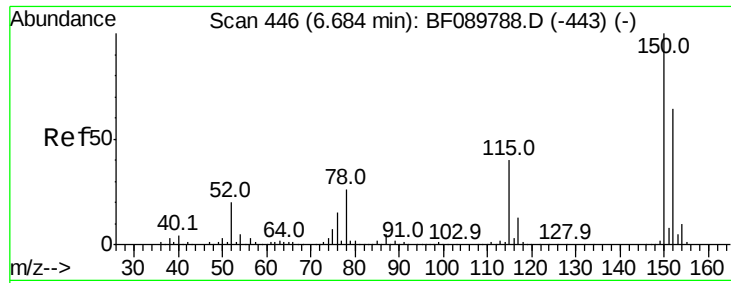
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.00	196	825823	42.67	nq	97
45) 1,1'-Biphenyl	9.15	154	2914798	39.43	nq	95
46) 2-Chloronaphthalene	9.16	162	2303338	39.42	nq	99
47) 2-Nitroaniline	9.27	65	868839	52.13	nq	# 79
48) Acenaphthylene	9.58	152	3618196	41.21	nq	99
49) Dimethylphthalate	9.46	163	4583510	68.15	nq	# 97
50) 2,6-Dinitrotoluene	9.51	165	620621	39.97	nq	# 83
51) Acenaphthene	9.76	154	2421971	41.68	nq	100
52) 3-Nitroaniline	9.67	138	553771	32.19	nq	95
53) 2,4-Dinitrophenol	9.77	184	77650	14.66	nq	93
54) Dibenzofuran	9.93	168	3318846	45.47	nq	# 87
55) 4-Nitrophenol	9.84	139	935753	66.64	nq	93
56) 2,4-Dinitrotoluene	9.91	165	812814	40.34	nq	# 75
57) Fluorene	10.26	166	2247690	38.64	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.04	232	599046	42.53	nq	95
59) Diethylphthalate	10.16	149	2932309	42.92	nq	96
60) 4-Chlorophenyl-phenylether	10.26	204	1015214	38.26	nq	94
61) 4-Nitroaniline	10.28	138	702820	43.58	nq	97
62) Azobenzene	10.42	77	2802593	43.63	nq	96
64) 4,6-Dinitro-2-methylphenol	10.31	198	82421	9.84	nq	91
65) n-Nitrosodiphenylamine	10.39	169	2402941	52.41	nq	99
66) 4-Bromophenyl-phenylether	10.75	248	712090	46.57	nq	# 90
67) Hexachlorobenzene	10.81	284	724271	41.53	nq	# 89
68) Atrazine	10.91	200	595228	42.39	nq	96
69) Pentachlorophenol	11.00	266	734005	74.25	nq	98
70) Phenanthrene	11.22	178	3490026	47.39	nq	97
71) Anthracene	11.27	178	3002156	40.10	nq	99
72) Carbazole	11.43	167	3116680	46.41	nq	97
73) Di-n-butylphthalate	11.78	149	3736591	44.47	nq	# 99
74) Fluoranthene	12.40	202	2530966	36.13	nq	95
76) Benzidine	12.53	184	672674	27.82	nq	99
77) Pyrene	12.63	202	2511003	41.26	nq	97
79) Butylbenzylphthalate	13.27	149	1075283	39.13	nq	# 82
80) Benzo(a)anthracene	13.84	228	1878801	43.90	nq	99
81) 3,3'-Dichlorobenzidine	13.81	252	554082	39.49	nq	97
82) Chrysene	13.87	228	1684850	45.92	nq	99
83) Bis(2-ethylhexyl)phthalate	13.86	149	1436965	37.95	nq	96
84) Di-n-octyl phthalate	14.51	149	2265428	45.03	nq	98
85) Indeno(1,2,3-cd)pyrene	16.61	276	2921977	62.42	nq	100
87) Benzo(b)fluoranthene	14.91	252	2460774m	49.23	nq	
88) Benzo(k)fluoranthene	14.95	252	1312365m	28.94	nq	
89) Benzo(a)pyrene	15.25	252	2007503	42.43	nq	# 92
90) Dibenzo(a,h)anthracene	16.63	278	2406493	46.86	nq	99
91) Benzo(g,h,i)perylene	16.99	276	2530216	46.79	nq	98

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



#1

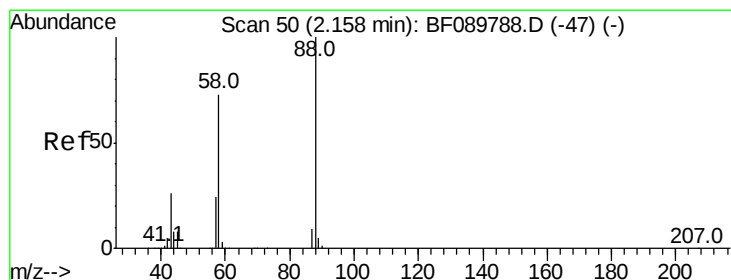
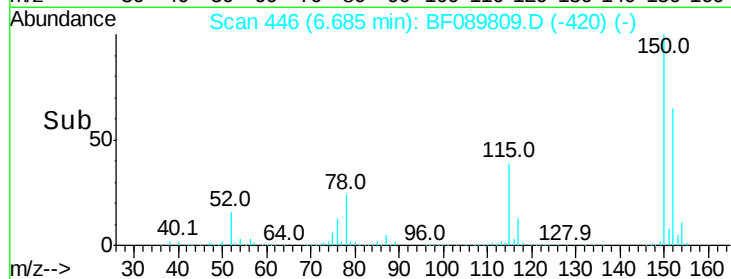
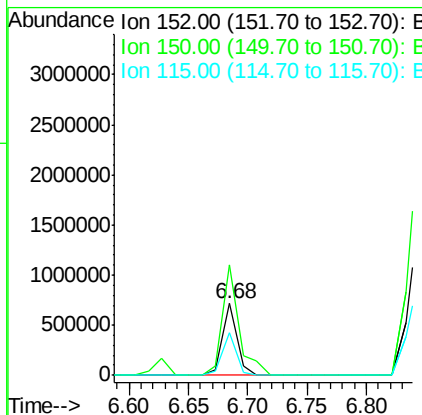
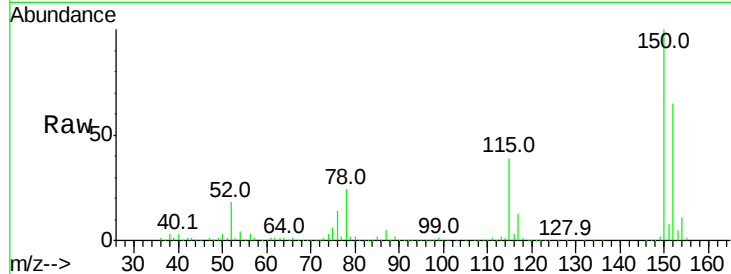
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.68 min Scan# 446
Delta R.T. 0.00 min
Lab File: BF089809.D
Acq: 19 Aug 2016 21:20

Instrument :
BNA_F
ClientSampleId :
I-3MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.4	125.3	187.9
115	60.3	40.9	61.3

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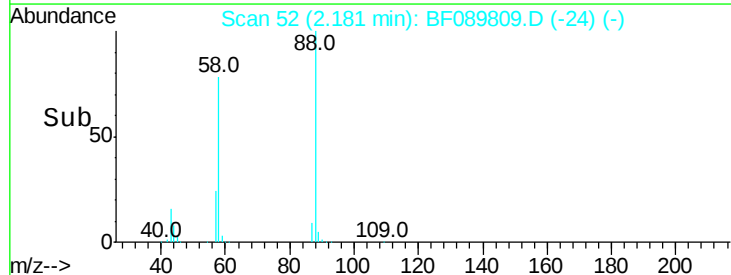
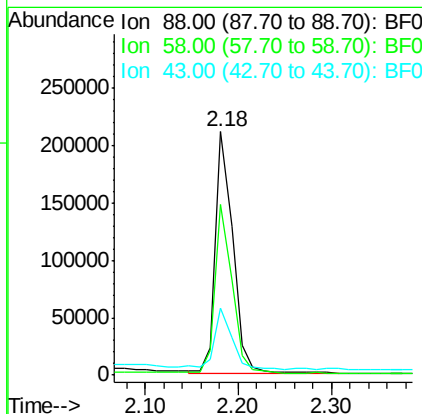
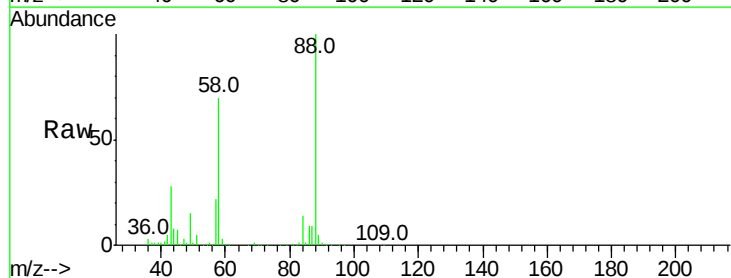
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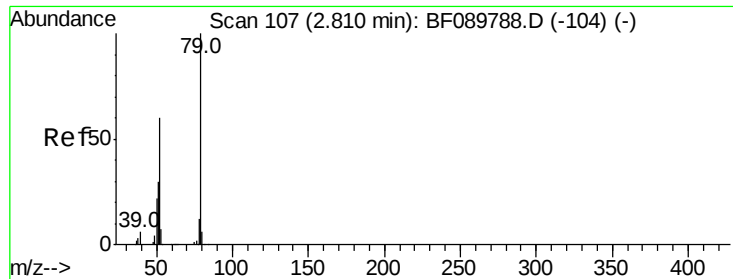


#2

1,4-Dioxane
Concen: 16.00 ng
RT: 2.18 min Scan# 52
Delta R.T. 0.02 min
Lab File: BF089809.D
Acq: 19 Aug 2016 21:20

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.9	57.0	85.4
43	25.9	21.8	32.8





#3

Pvridine

Concen: 17.38 ng

RT: 2.83 min Scan# 109

Delta R.T. 0.02 min

Lab File: BF089809.D

Acq: 19 Aug 2016 21:20

Instrument :

BNA_F

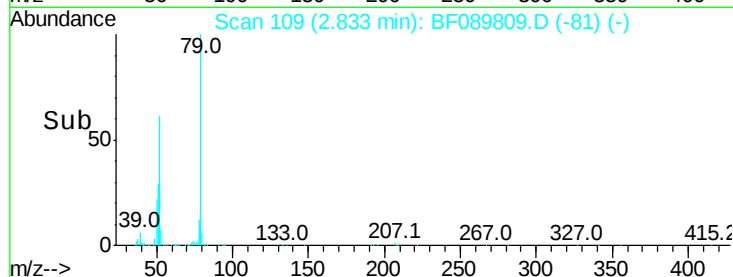
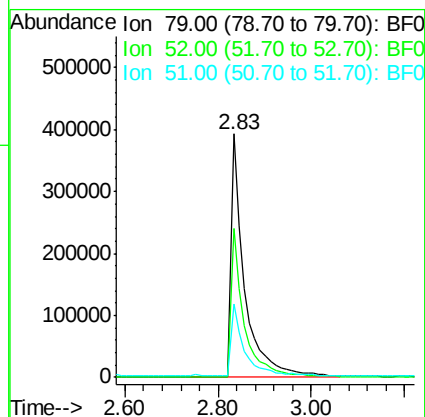
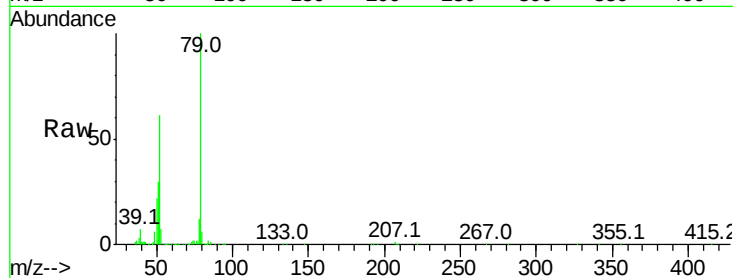
ClientSampled :

I-3MSD

Tot Ion:	79	Resp:	775791
Ion Ratio	Lower	Upper	
79	100		
52	61.3	53.6	80.4
51	30.1	26.6	39.8

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 25.38 ng

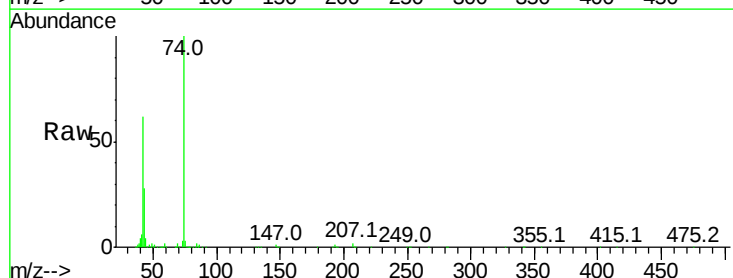
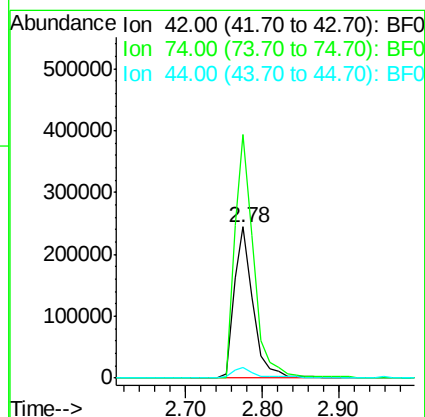
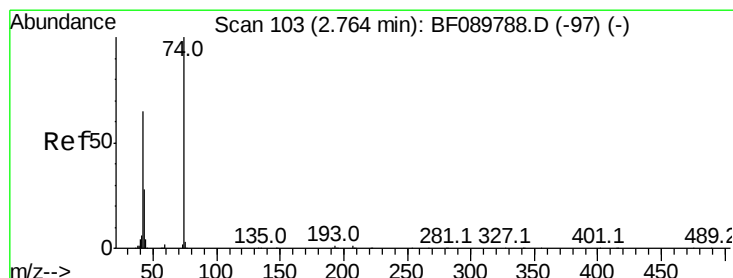
RT: 2.78 min Scan# 104

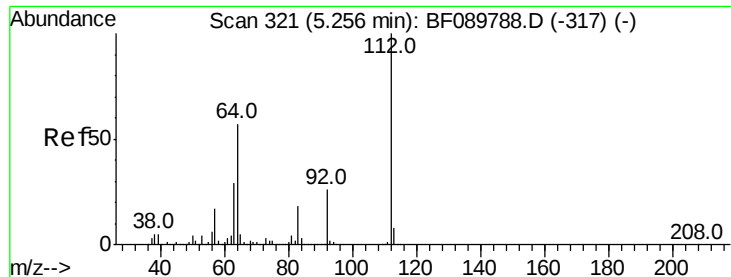
Delta R.T. 0.01 min

Lab File: BF089809.D

Acq: 19 Aug 2016 21:20

Tgt Ion:	42	Resp:	421829
Ion Ratio	Lower	Upper	
42	100		
74	161.4	106.2	159.2#
44	7.0	6.9	10.3





#5

2-Fluorophenol

Concen: 90.99 ng

RT: 5.27 min Scan# 322

Delta R.T. 0.01 min

Lab File: BF089809.D

Acq: 19 Aug 2016 21:20

Instrument :

BNA_F

ClientSampled :

I-3MSD

Tot Ion:112 Resp: 3129856

Ion Ratio Lower Upper

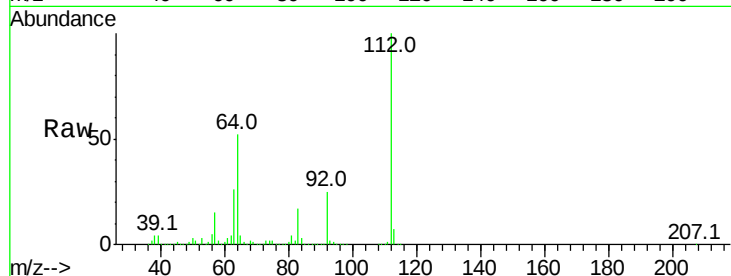
112 100

64 52.3 45.0 67.4

63 26.3 23.1 34.7

Manual Integrations
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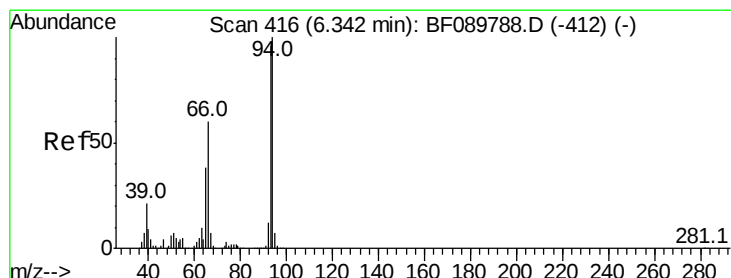
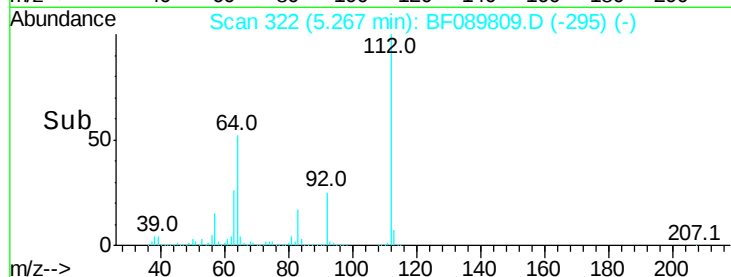
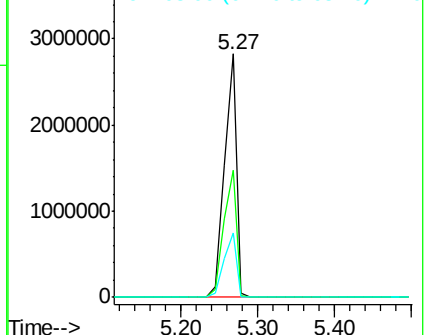
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 20.49 ng

RT: 6.39 min Scan# 420

Delta R.T. 0.05 min

Lab File: BF089809.D

Acq: 19 Aug 2016 21:20

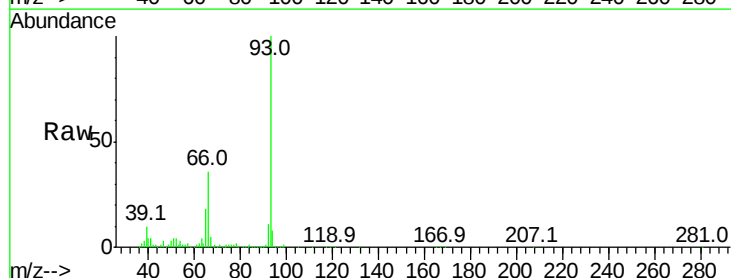
Tgt Ion: 93 Resp: 1160396

Ion Ratio Lower Upper

93 100

66 35.7 30.6 46.0

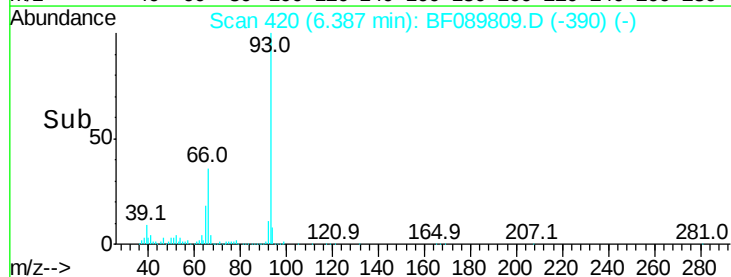
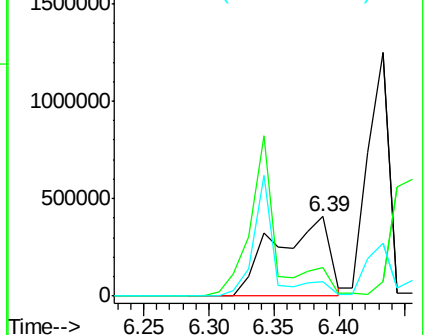
65 17.9 15.4 23.2

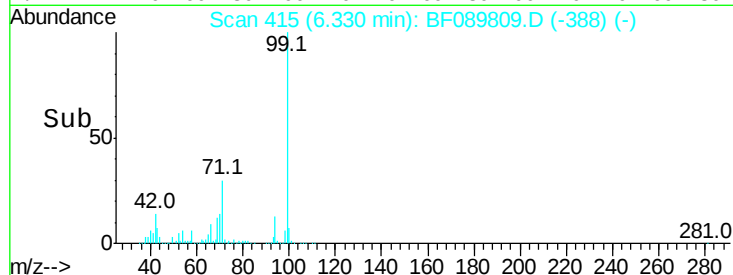
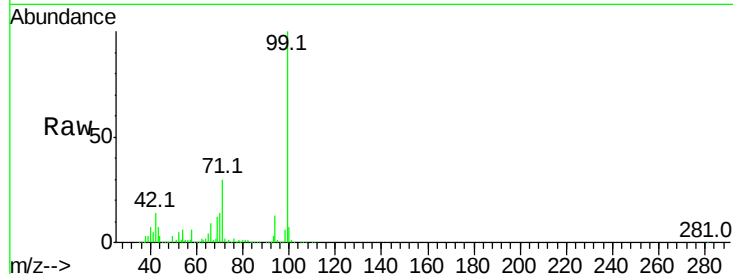
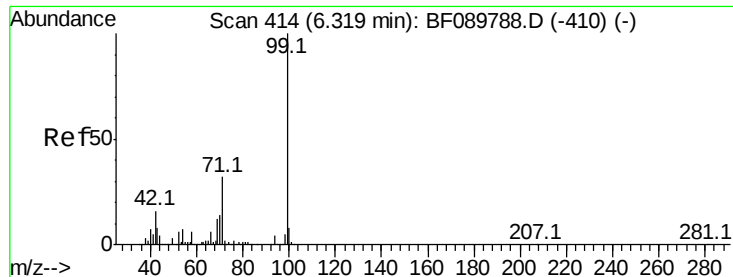


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 100.39 ng

RT: 6.33 min Scan# 415

Delta R.T. 0.01 min

Lab File: BF089809.D

Acq: 19 Aug 2016 21:20

Tot Ion:	99	Resp:	4238916
Ion	Ratio	Lower	Upper
99	100		
42	14.0	12.2	18.4
71	30.4	23.8	35.8

Instrument :

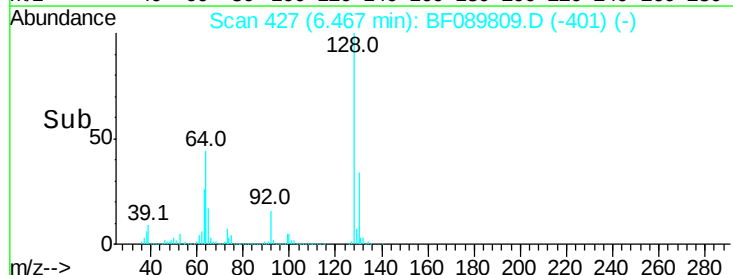
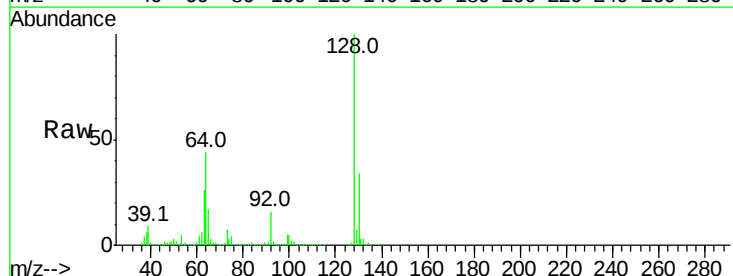
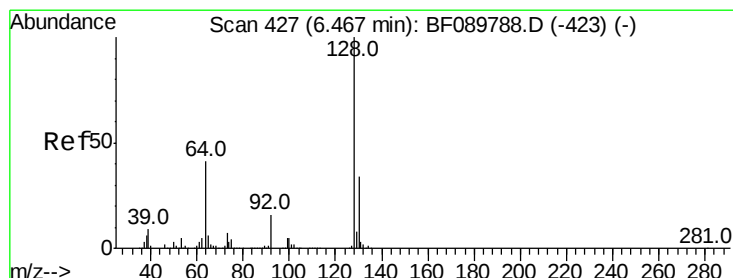
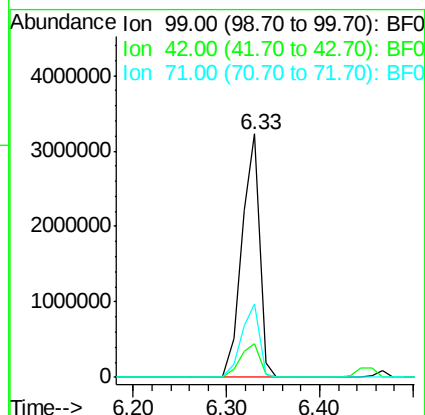
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#8

2-Chlorophenol

Concen: 33.98 ng

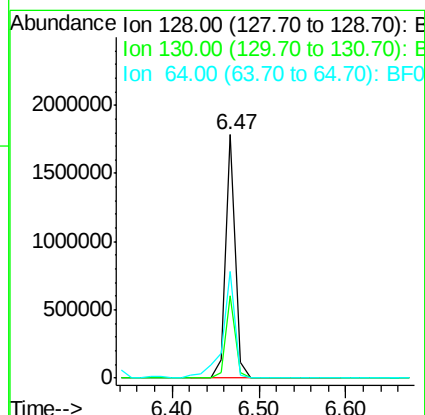
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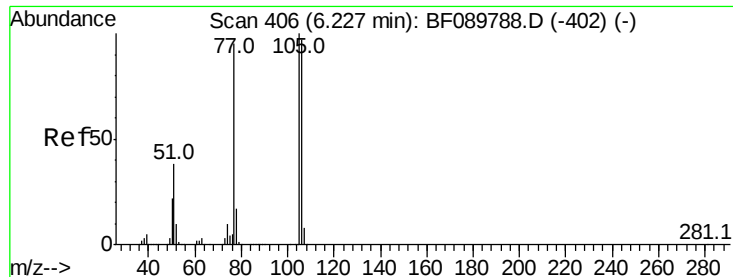
Delta R.T. 0.00 min

Lab File: BF089809.D

Acq: 19 Aug 2016 21:20

Tgt Ion:	128	Resp:	1397963
Ion	Ratio	Lower	Upper
128	100		
130	33.7	12.0	52.0
64	43.8	35.1	75.1





#9

Benzaldehyde

Concen: 13.50 ng

RT: 6.22 min Scan# 405

Delta R.T. -0.01 min

Lab File: BF089809.D

Acq: 19 Aug 2016 21:20

Instrument :

BNA_F

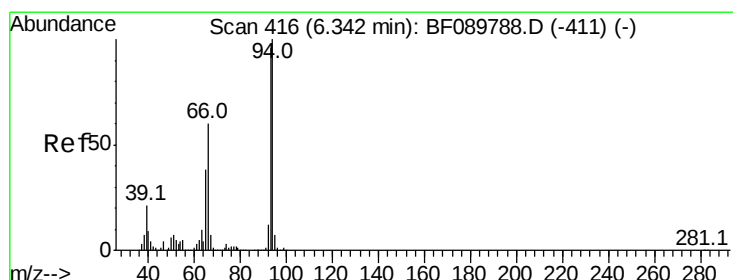
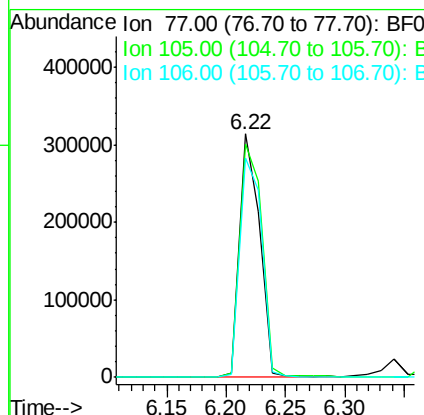
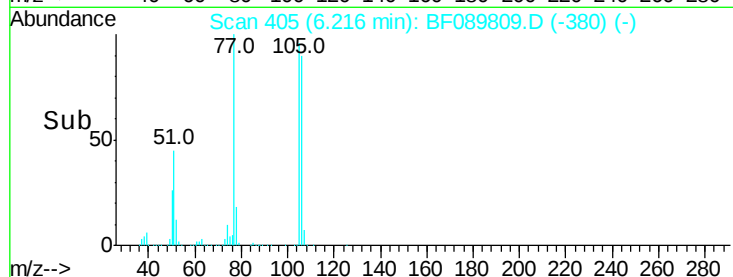
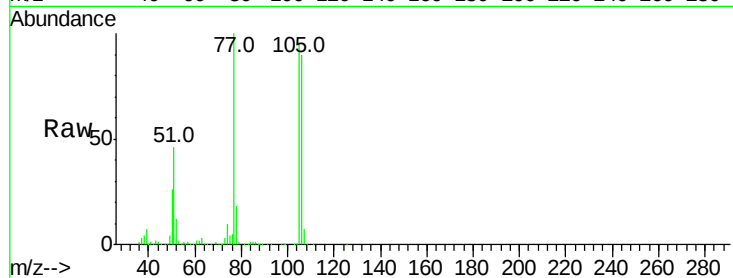
ClientSampleId :

I-3MSD

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
105	95.7	73.3	113.3	
106	90.1	68.6	108.6	

Manual Integrations
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#10

Phenol

Concen: 38.83 ng

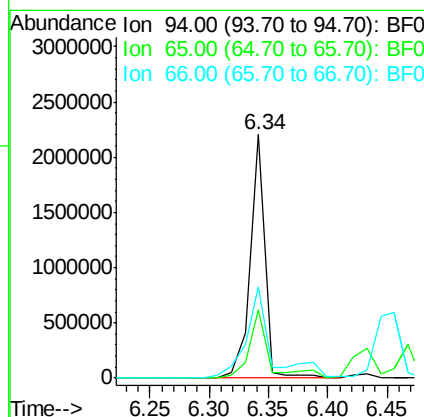
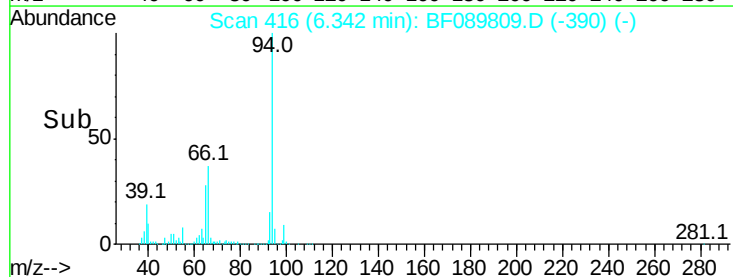
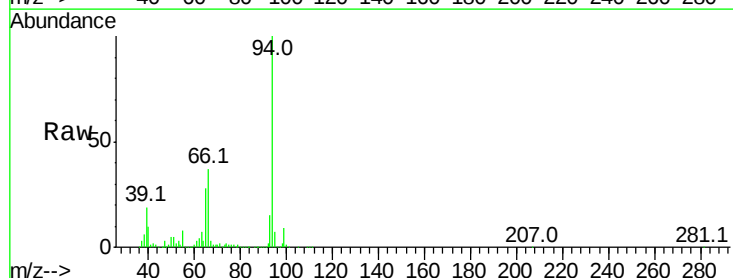
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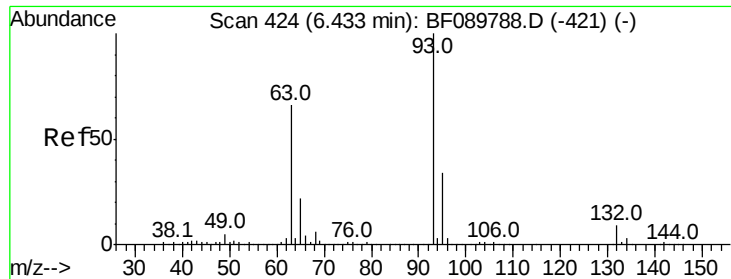
Delta R.T. 0.00 min

Lab File: BF089809.D

Acq: 19 Aug 2016 21:20

Tgt Ion	Ion	Ratio	Lower	Upper
94	100			
65	28.2	14.0	54.0	
66	37.4	31.2	71.2	





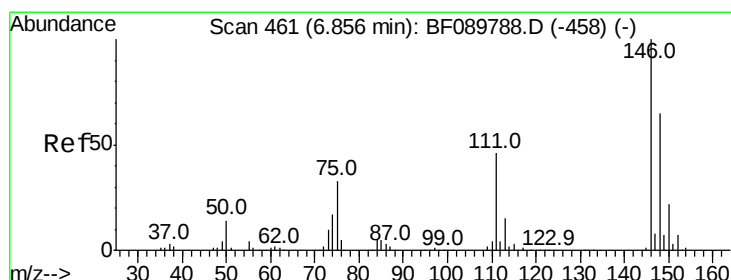
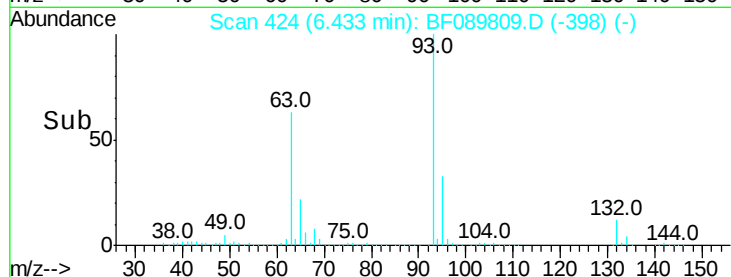
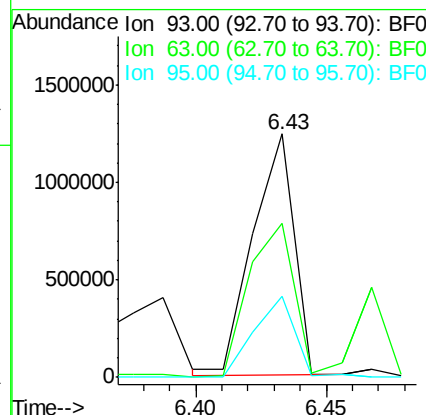
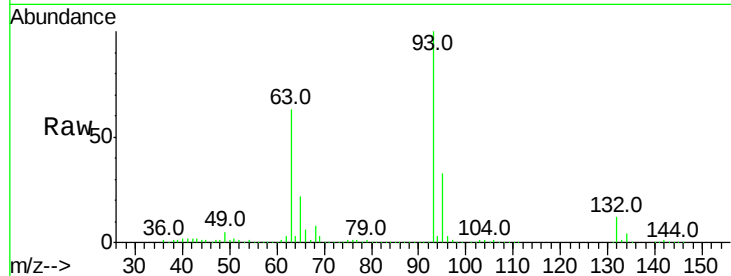
#11
bis(2-Chloroethyl)ether
Concen: 35.72 ng
RT: 6.43 min Scan# 424
Delta R.T. 0.00 min
Lab File: BF089809.D
Acq: 19 Aug 2016 21:20

Instrument :
BNA_F
ClientSampleId :
I-3MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	63.5	55.8	95.8
95	33.5	13.0	53.0

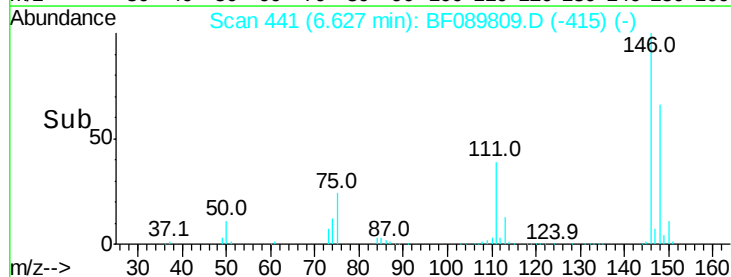
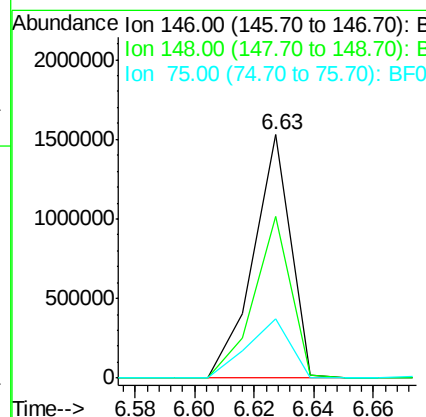
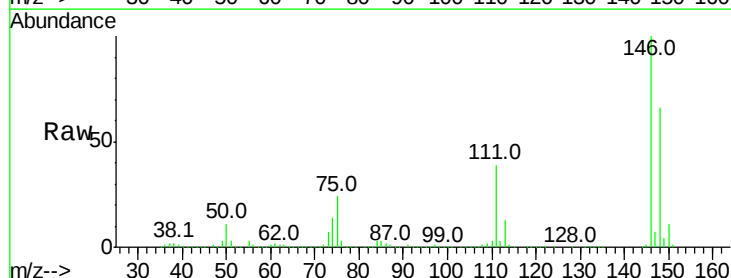
Manual Integrations
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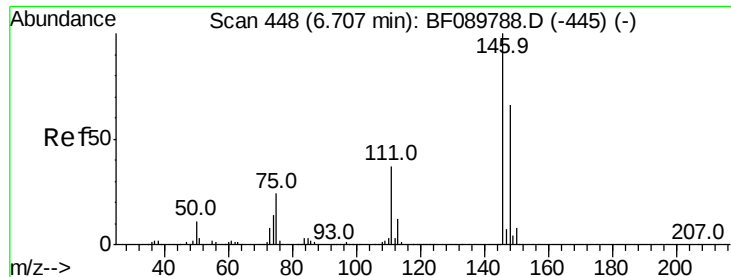
sohil
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#12
1,3-Dichlorobenzene
Concen: 31.23 ng m
RT: 6.63 min Scan# 441
Delta R.T. 0.00 min
Lab File: BF089809.D
Acq: 19 Aug 2016 21:20

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.3	51.0	76.4
75	24.2	27.0	40.6





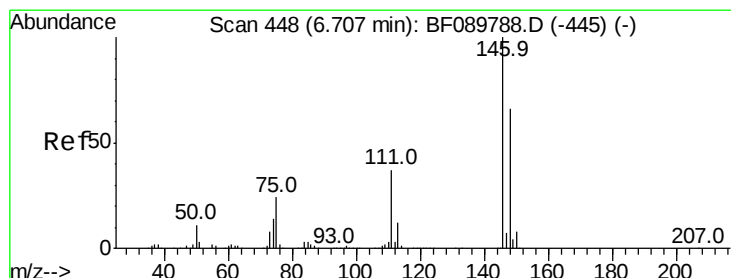
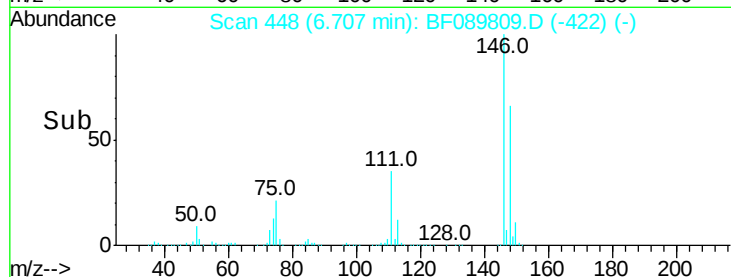
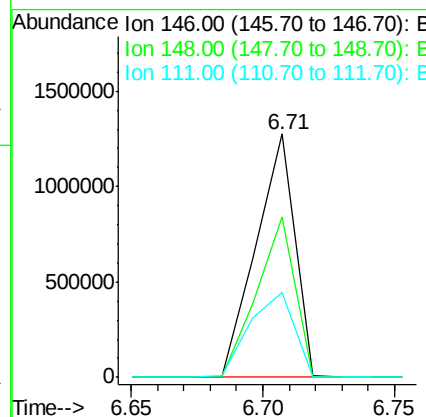
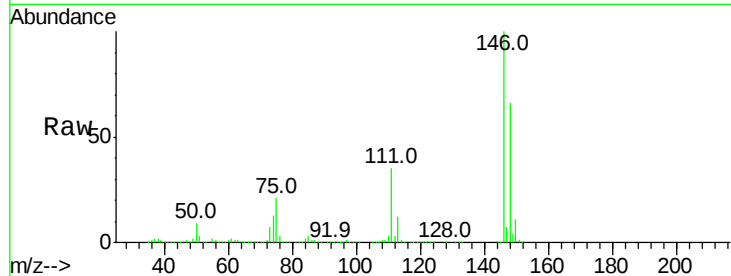
#13
 1,4-Dichlorobenzene
 Concen: 29.58 ng/ml
 RT: 6.71 min Scan# 448
 Delta R.T. 0.00 min
 Lab File: BF089809.D
 Acq: 19 Aug 2016 21:20

Instrument :
 BNA_F
 ClientSampleId :
 I-3MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.1	51.0	76.6
111	34.6	34.6	52.0

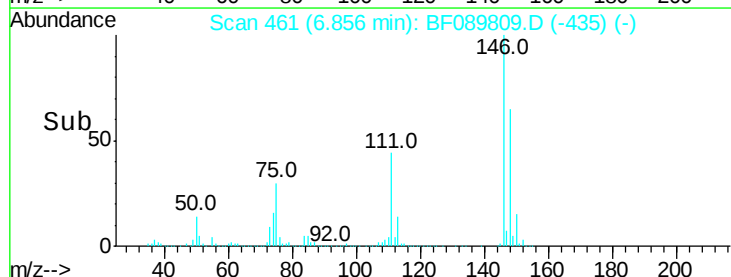
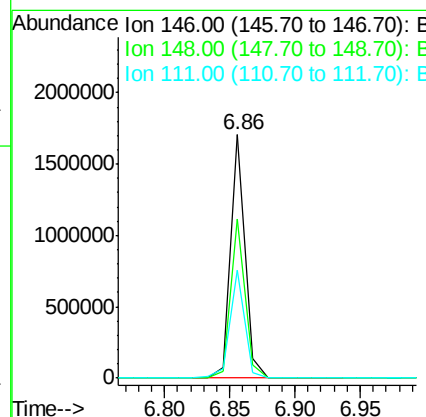
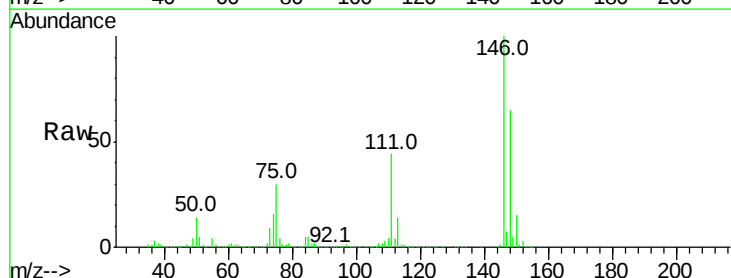
Manual Integrations
 APPROVED

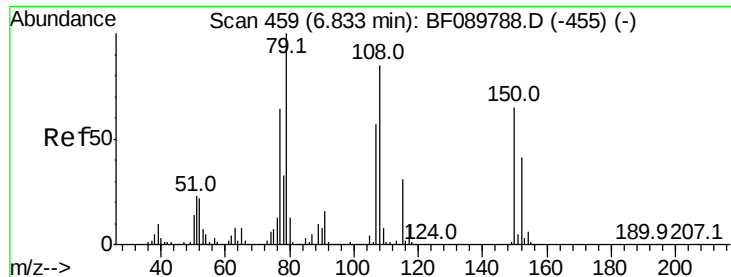
sohil
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#14
 1,2-Dichlorobenzene
 Concen: 31.90 ng/ml
 RT: 6.86 min Scan# 461
 Delta R.T. 0.00 min
 Lab File: BF089809.D
 Acq: 19 Aug 2016 21:20

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	52.2	78.2
111	44.3	29.8	44.6





#15

Benzyl Alcohol

Concen: 38.63 ng

RT: 6.83 min Scan# 459

Delta R.T. 0.00 min

Lab File: BF089809.D

Acq: 19 Aug 2016 21:20

Instrument :

BNA_F

ClientSampled :

I-3MSD

Tot Ion: 79 Resp: 1081784

Ion Ratio Lower Upper

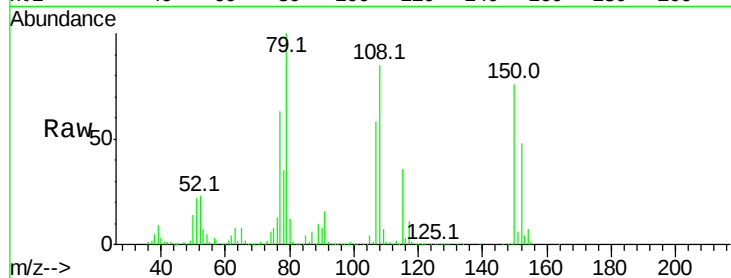
79 100

108 84.6 62.5 93.7

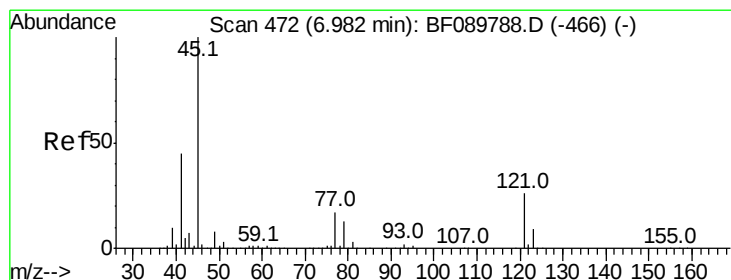
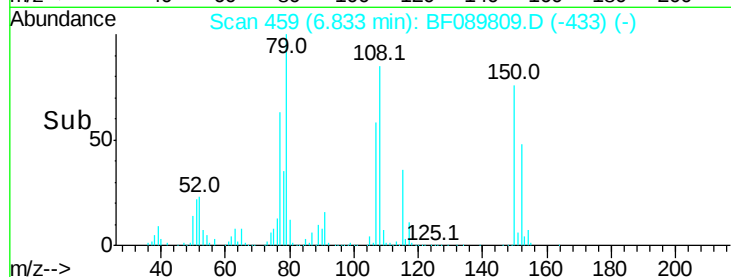
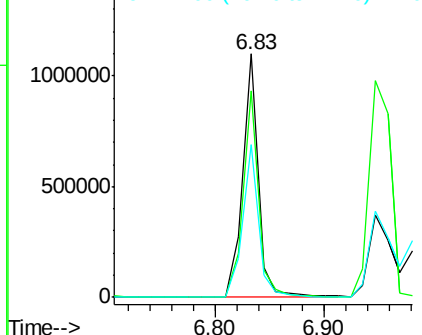
77 62.7 51.5 77.3

Manual Integrations
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Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.67 ng

RT: 6.98 min Scan# 472

Delta R.T. 0.00 min

Lab File: BF089809.D

Acq: 19 Aug 2016 21:20

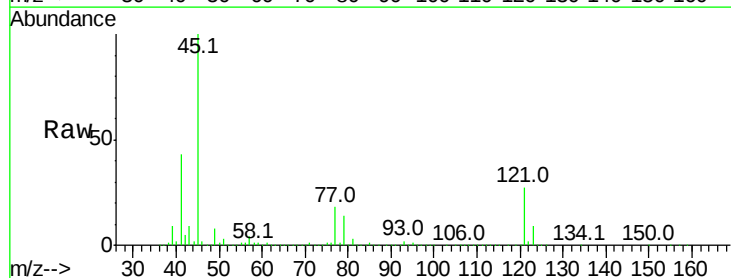
Tgt Ion: 45 Resp: 1702970

Ion Ratio Lower Upper

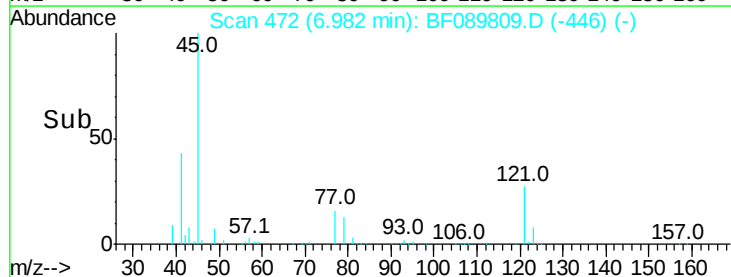
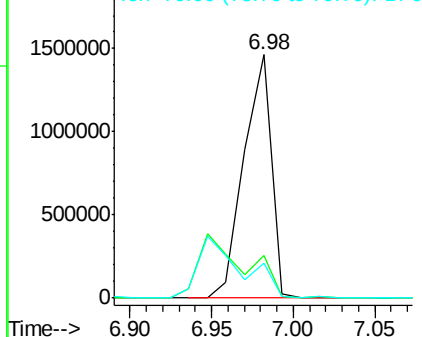
45 100

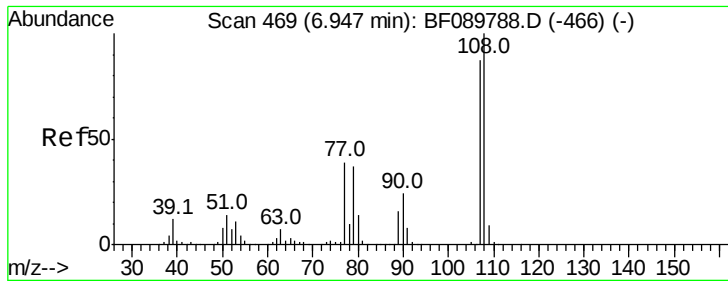
77 17.6 0.0 33.5

79 14.2 0.0 30.7



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 36.68 ng

RT: 6.95 min Scan# 469

Delta R.T. 0.00 min

Lab File: BF089809.D

Acq: 19 Aug 2016 21:20

Instrument :

BNA_F

ClientSampled :

I-3MSD

Tot Ion:107 Resp: 1181765

Ion Ratio Lower Upper

107 100

108 114.4 91.0 136.4

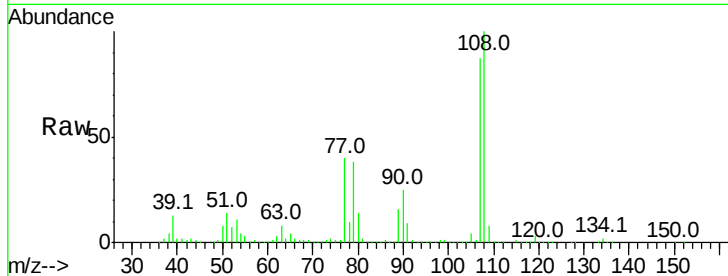
77 45.5 37.4 56.0

79 43.1 36.6 55.0

Manual Integrations
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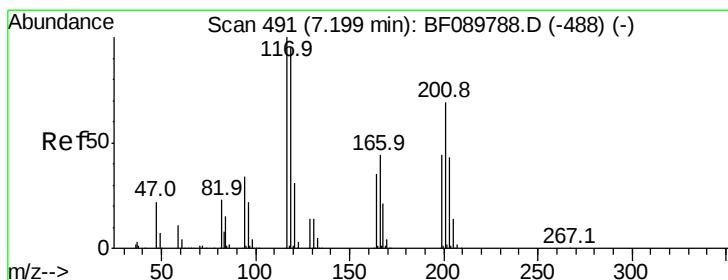
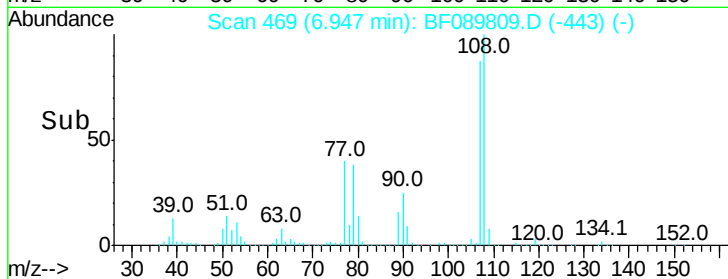
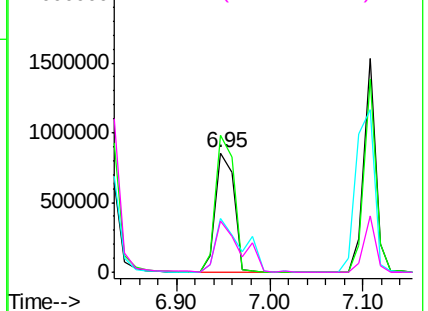


Abundance Ion 107.00 (106.70 to 107.70): E

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: 30.07 ng

RT: 7.20 min Scan# 491

Delta R.T. 0.00 min

Lab File: BF089809.D

Acq: 19 Aug 2016 21:20

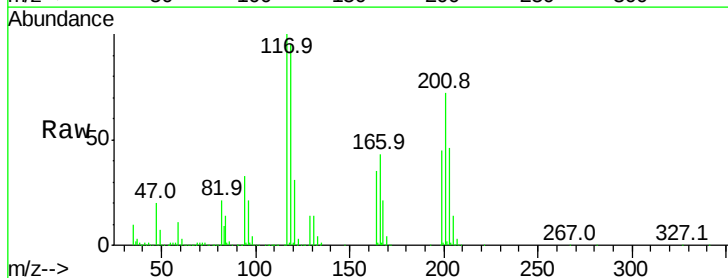
Tgt Ion:117 Resp: 474142

Ion Ratio Lower Upper

117 100

119 95.4 77.1 115.7

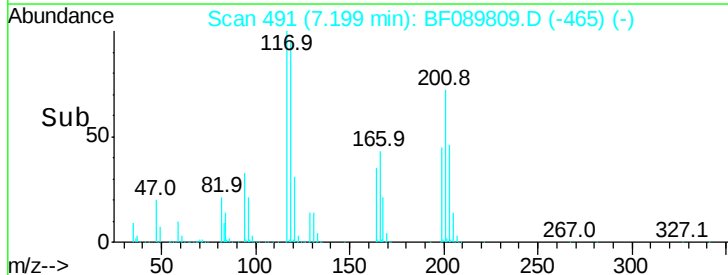
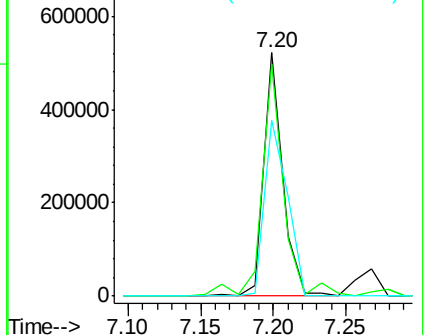
201 72.0 76.9 115.3#

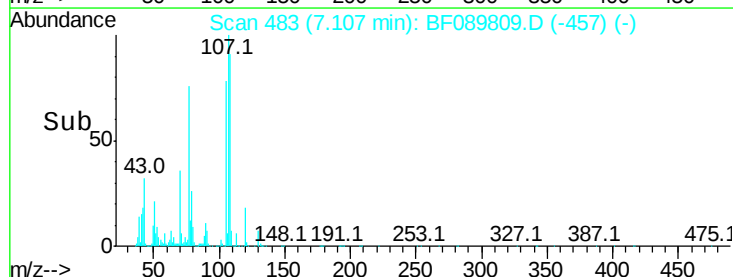
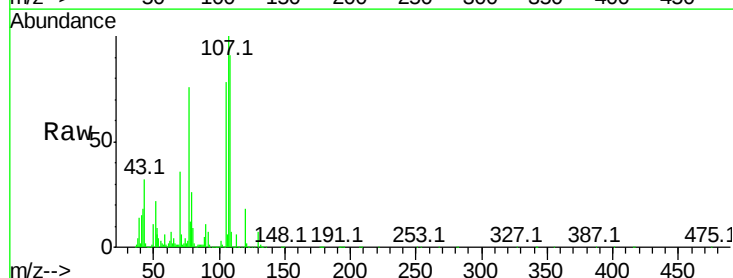
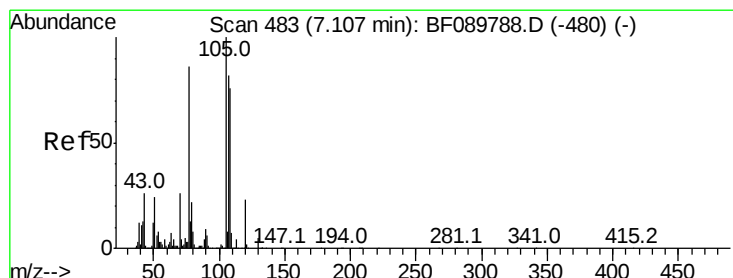
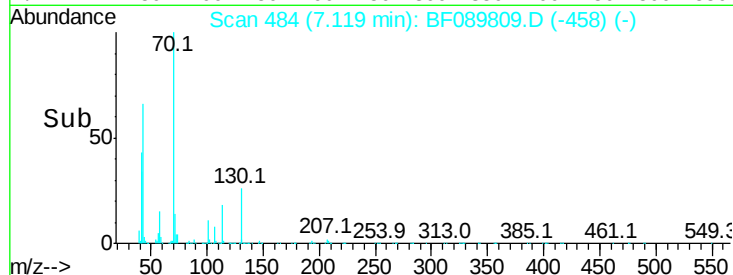
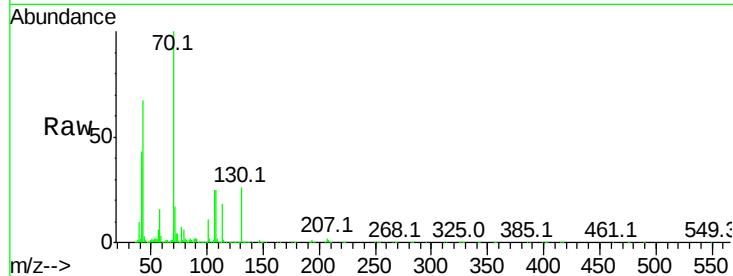
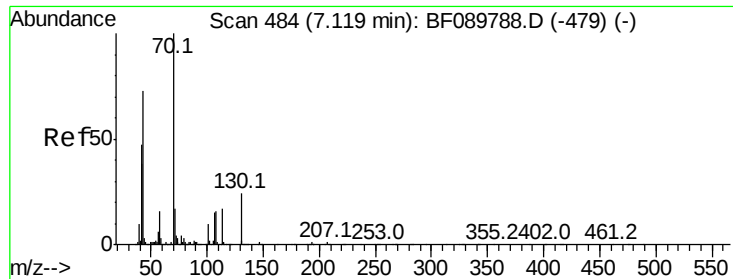


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





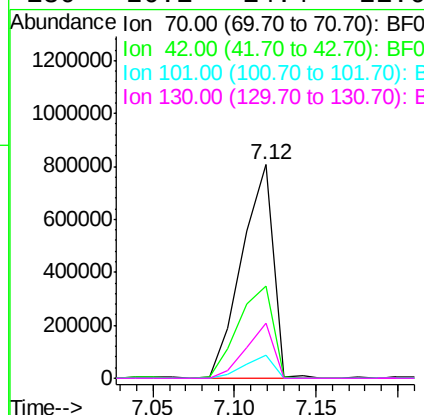
#19
n-Nitroso-di-n-propylamine
Concen: 39.64 ng
RT: 7.12 min Scan# 484
Delta R.T. 0.00 min
Lab File: BF089809.D
Acq: 19 Aug 2016 21:20

Instrument :
BNA_F
ClientSampleId :
I-3MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	43.1	46.3	69.5#
101	10.7	7.0	10.6#
130	26.1	14.4	21.6#

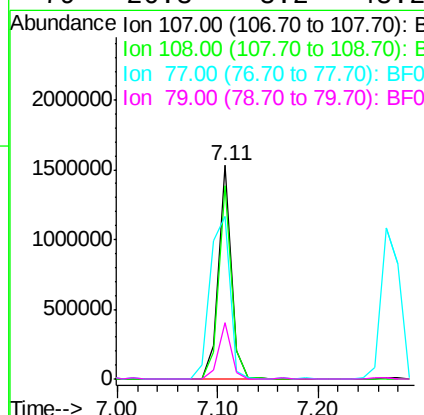
Manual Integrations
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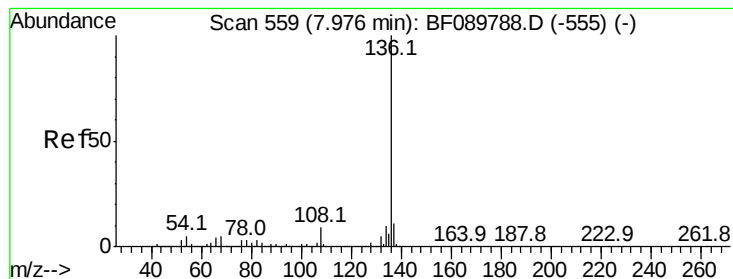
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#20
3+4-Methylphenols
Concen: 34.64 ng
RT: 7.11 min Scan# 483
Delta R.T. 0.00 min
Lab File: BF089809.D
Acq: 19 Aug 2016 21:20

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.7	68.2	108.2
77	76.0	122.3	162.3#
79	26.3	8.2	48.2





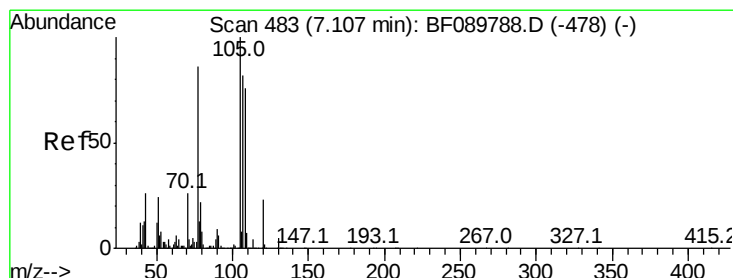
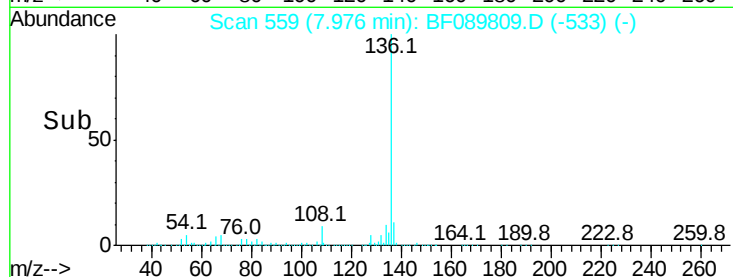
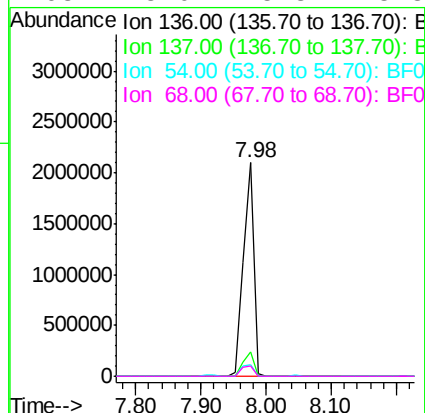
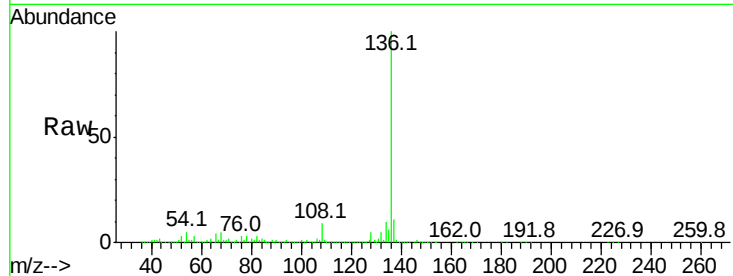
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.98 min Scan# 559
Delta R.T. 0.00 min
Lab File: BF089809.D
Acq: 19 Aug 2016 21:20

Instrument :
BNA_F
ClientSampleId :
I-3MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	2260691		
137	11.1		9.2	13.8
54	5.1		7.2	10.8#
68	5.0		5.8	8.8#

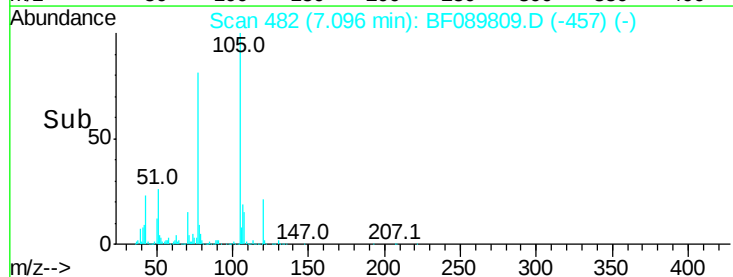
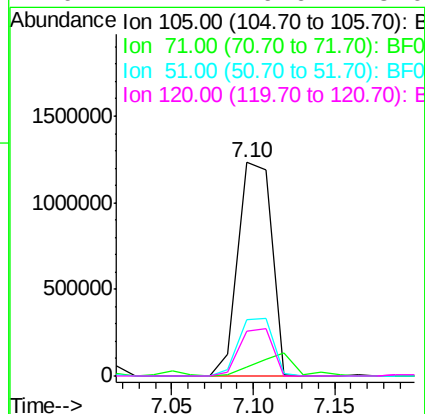
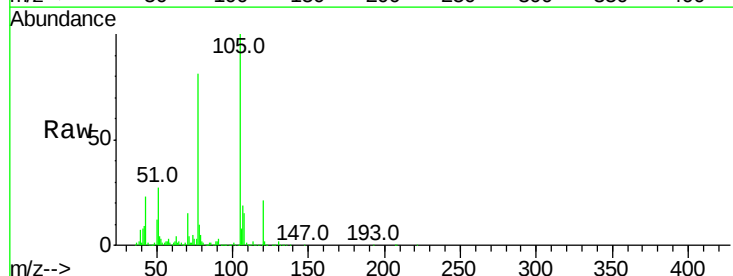
Manual Integrations
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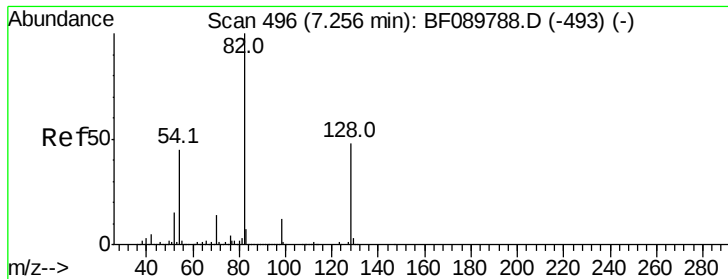
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#22
Acetophenone
Concen: 33.95 ng
RT: 7.10 min Scan# 482
Delta R.T. -0.01 min
Lab File: BF089809.D
Acq: 19 Aug 2016 21:20

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	1762264		
71	4.2		1.9	2.9#
51	26.6		28.5	42.7#
120	21.2		16.6	25.0





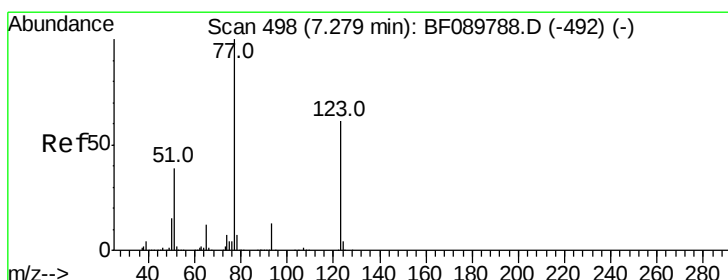
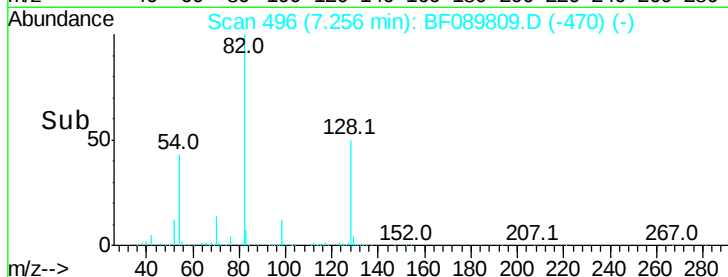
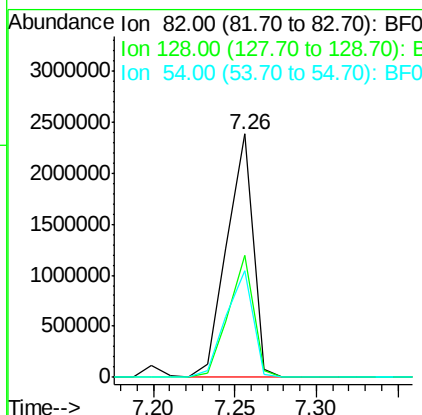
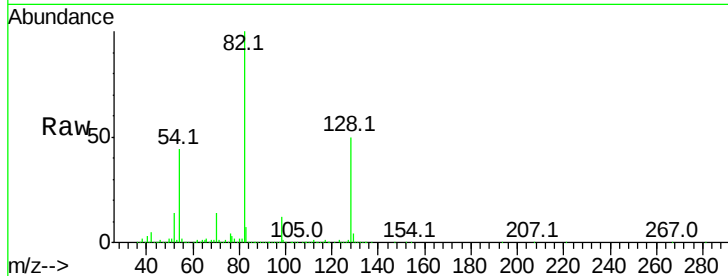
#23
Nitrobenzene-d5
Concen: 72.59 ng
RT: 7.26 min Scan# 496
Delta R.T. 0.00 min
Lab File: BF089809.D
Acq: 19 Aug 2016 21:20

Instrument :
BNA_F
ClientSampled :
I-3MSD

Tot Ion: 82 Resp: 2641390
Ion Ratio Lower Upper
82 100
128 50.2 34.4 51.6
54 44.0 40.3 60.5

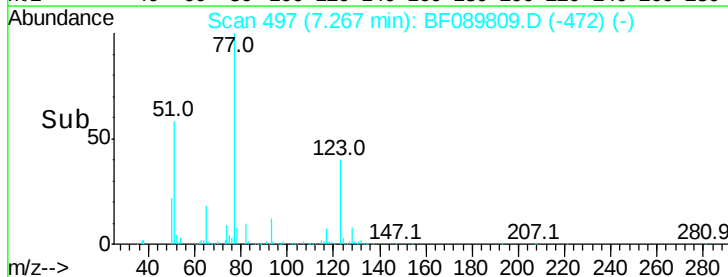
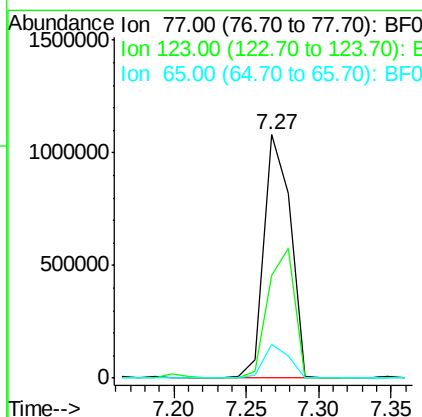
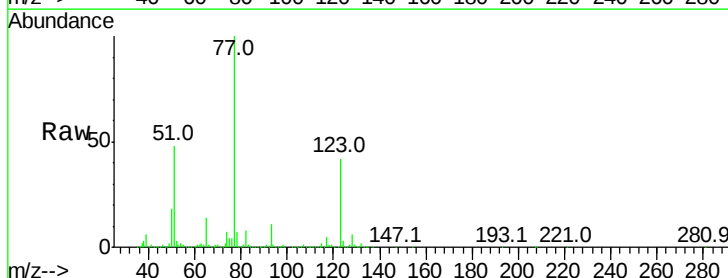
Manual Integrations
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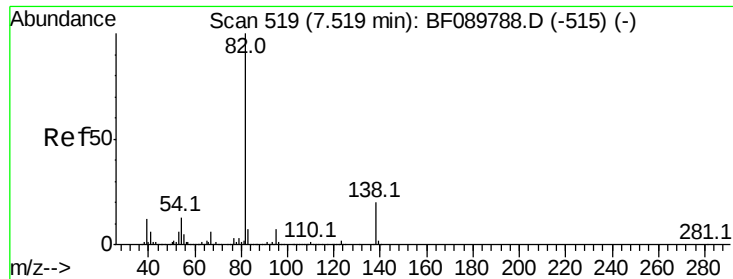
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#24
Nitrobenzene
Concen: 33.45 ng
RT: 7.27 min Scan# 497
Delta R.T. -0.01 min
Lab File: BF089809.D
Acq: 19 Aug 2016 21:20

Tgt Ion: 77 Resp: 1365559
Ion Ratio Lower Upper
77 100
123 42.3 36.2 54.2
65 13.7 10.6 15.8





#25

Isophorone

Concen: 38.72 ng

RT: 7.52 min Scan# 519

Delta R.T. 0.00 min

Lab File: BF089809.D

Acq: 19 Aug 2016 21:20

Instrument :

BNA_F

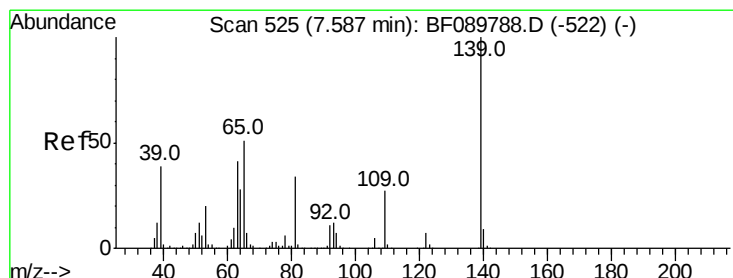
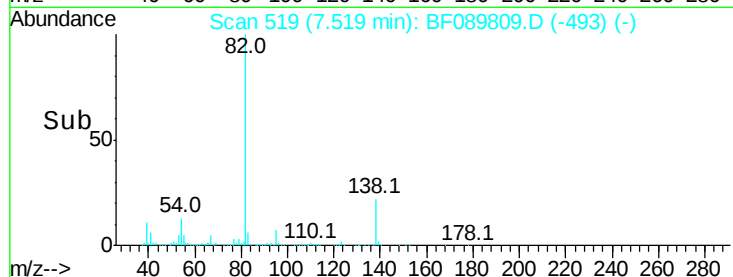
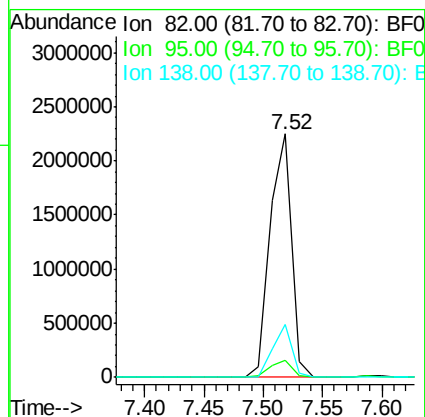
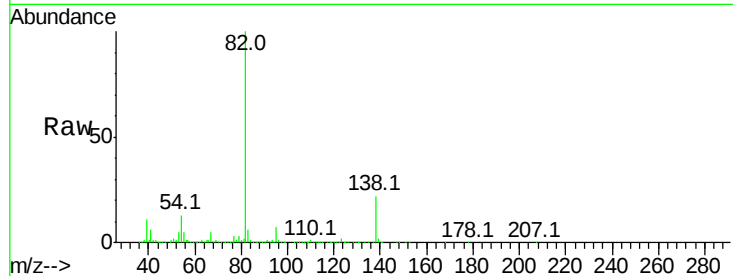
ClientSampleId :

I-3MSD

Tot Ion:	82	Resp:	2841697
Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.3	7.9
138	21.9	13.0	19.4

Manual Integrations
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#26

2-Nitrophenol

Concen: 33.95 ng

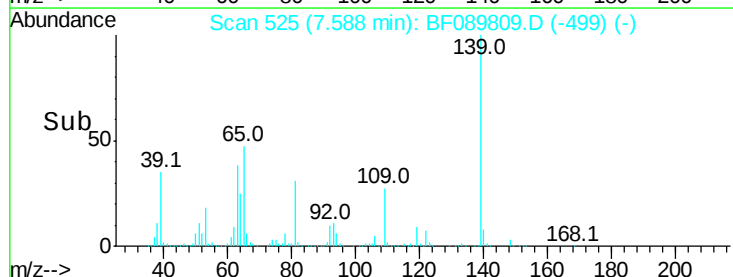
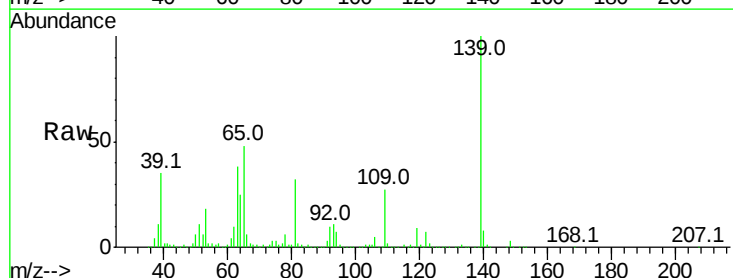
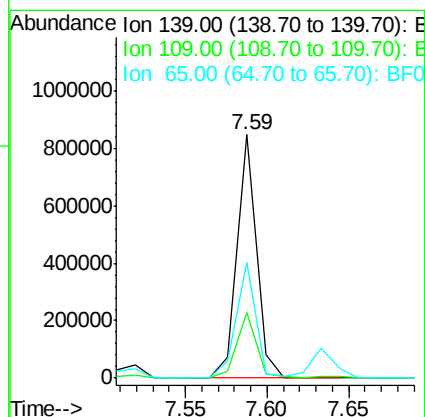
RT: 7.59 min Scan# 525

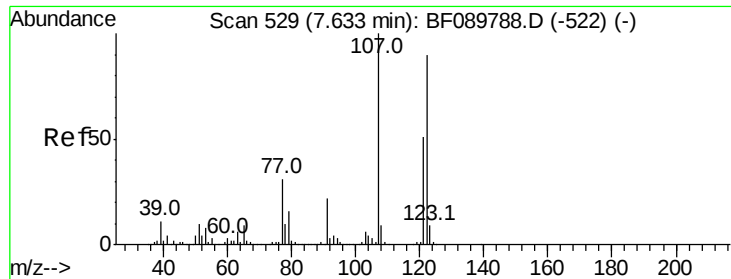
Delta R.T. 0.00 min

Lab File: BF089809.D

Acq: 19 Aug 2016 21:20

Tgt Ion:	139	Resp:	691586
Ion	Ratio	Lower	Upper
139	100		
109	27.0	19.5	29.3
65	47.6	26.5	39.7





#27

2,4-Dimethylphenol

Concen: 33.47 ng

RT: 7.63 min Scan# 529

Delta R.T. 0.00 min

Lab File: BF089809.D

Acq: 19 Aug 2016 21:20

Instrument :

BNA_F

ClientSampleId :

I-3MSD

Tot Ion:122 Resp: 1228919

Ion Ratio Lower Upper

122 100

107 112.6 84.8 127.2

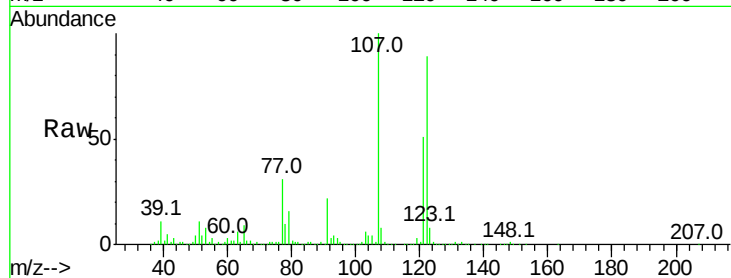
121 57.4 47.0 70.6

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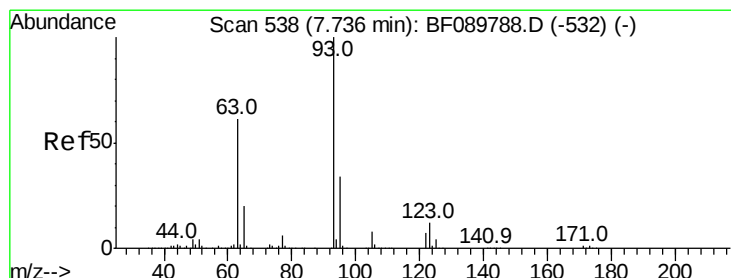
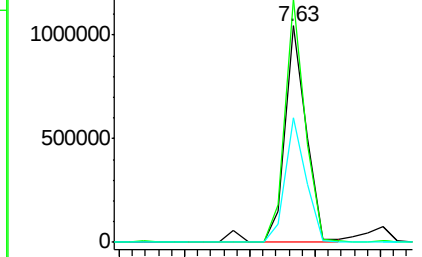
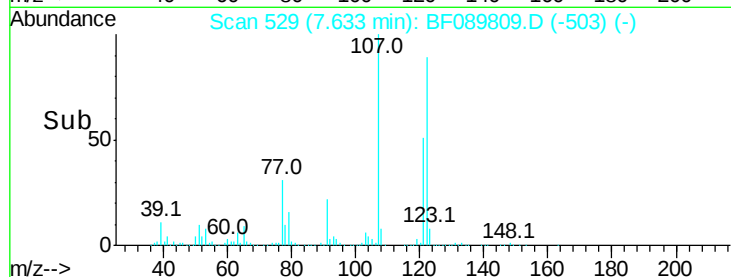
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Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 43.23 ng

RT: 7.74 min Scan# 538

Delta R.T. 0.00 min

Lab File: BF089809.D

Acq: 19 Aug 2016 21:20

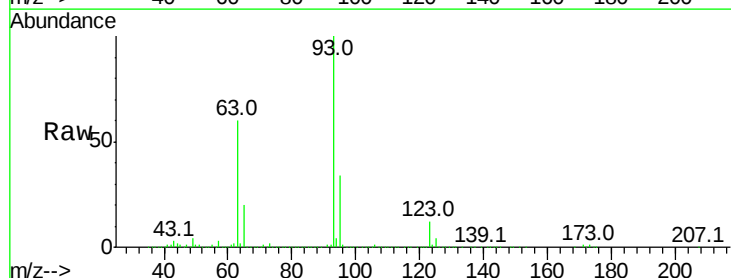
Tgt Ion: 93 Resp: 1962886

Ion Ratio Lower Upper

93 100

95 34.3 25.5 38.3

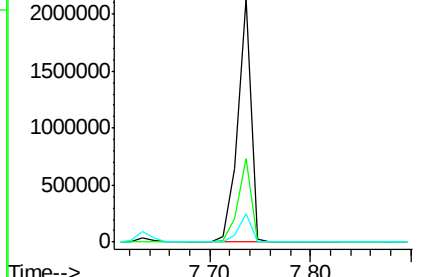
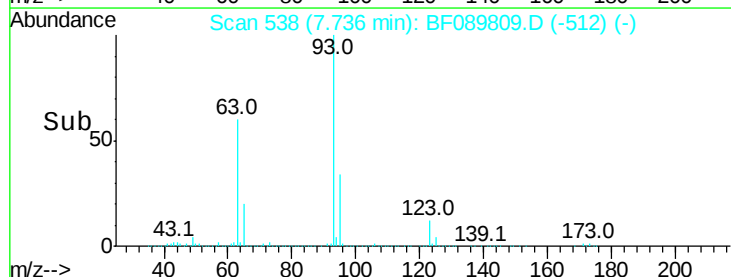
123 11.8 8.5 12.7

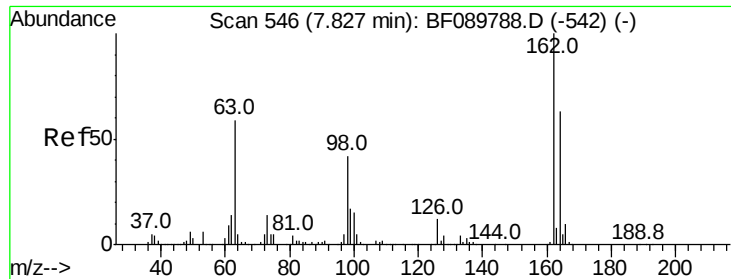


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 36.93 ng

RT: 7.83 min Scan# 546

Delta R.T. 0.00 min

Lab File: BF089809.D

Acq: 19 Aug 2016 21:20

Instrument :

BNA_F

ClientSampleId :

I-3MSD

Tot Ion:162 Resp: 1137510

Ion Ratio Lower Upper

162 100

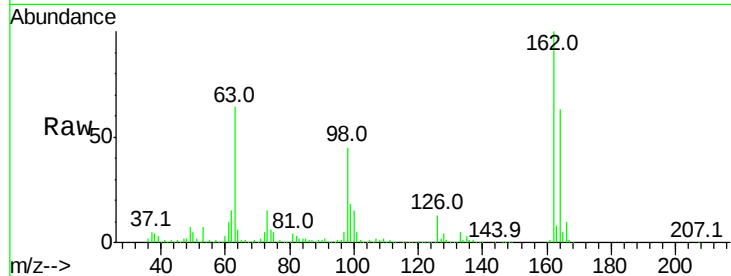
164 62.7 45.5 85.5

98 44.7 12.4 52.4

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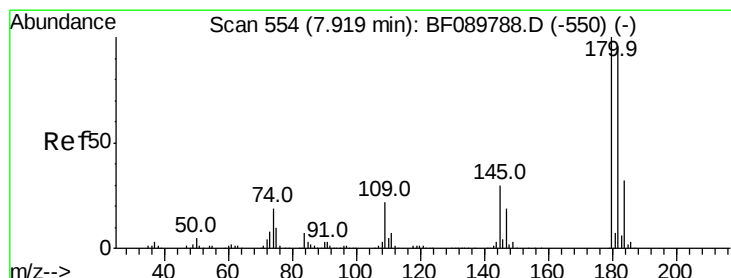
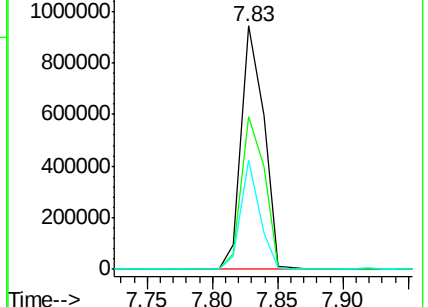
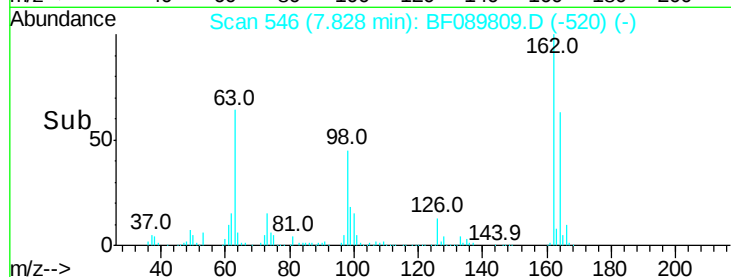
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Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 37.00 ng

RT: 7.92 min Scan# 554

Delta R.T. 0.00 min

Lab File: BF089809.D

Acq: 19 Aug 2016 21:20

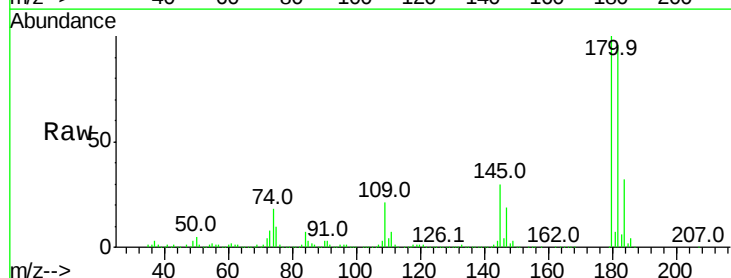
Tgt Ion:180 Resp: 1260603

Ion Ratio Lower Upper

180 100

182 96.3 75.5 113.3

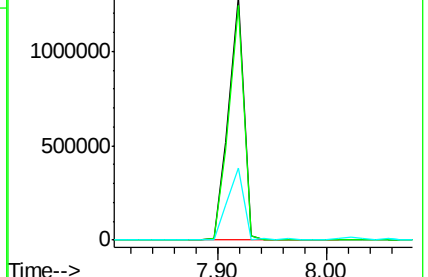
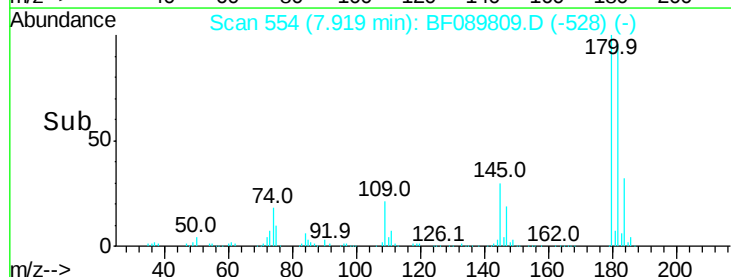
145 29.6 28.7 43.1

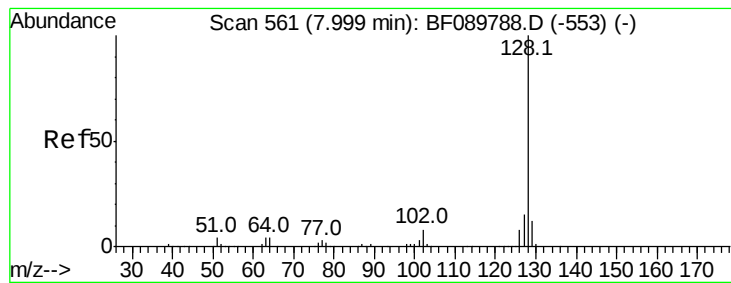


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 37.79 ng

RT: 8.00 min Scan# 561

Delta R.T. 0.00 min

Lab File: BF089809.D

Acq: 19 Aug 2016 21:20

Instrument :

BNA_F

ClientSampleId :

I-3MSD

Tot Ion:128 Resp: 3993108

Ion Ratio Lower Upper

128 100

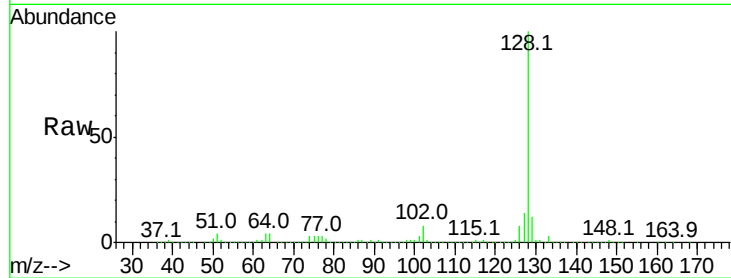
129 11.9 9.5 14.3

127 14.4 11.3 16.9

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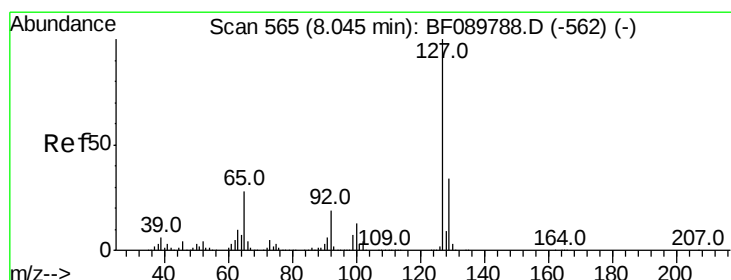
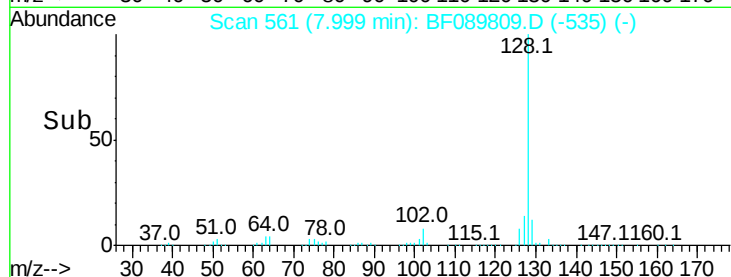
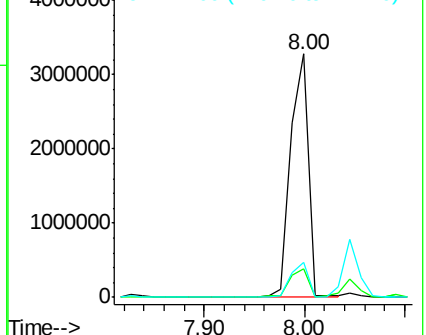
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#33

4-Chloroaniline

Concen: 18.64 ng

RT: 8.04 min Scan# 565

Delta R.T. 0.00 min

Lab File: BF089809.D

Acq: 19 Aug 2016 21:20

Tgt Ion:127 Resp: 853874

Ion Ratio Lower Upper

127 100

129 32.3 27.0 40.6

65 28.4 14.7 22.1#

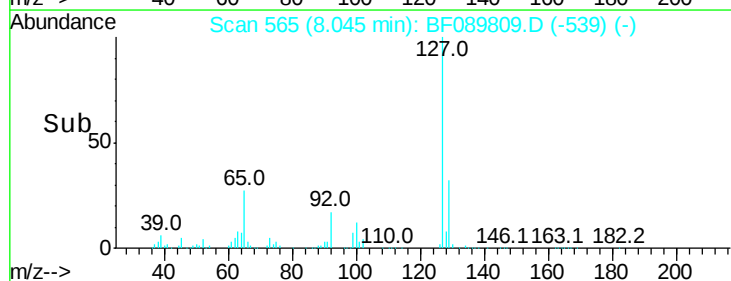
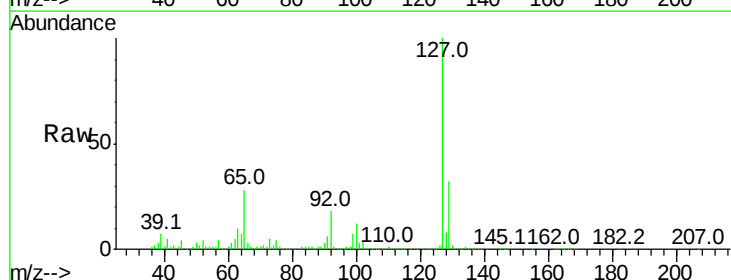
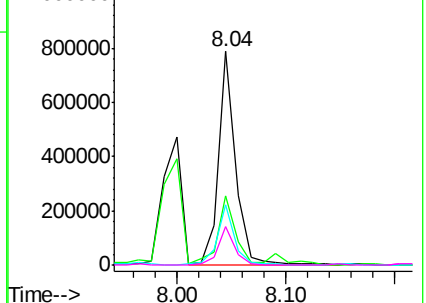
92 18.0 11.7 17.5#

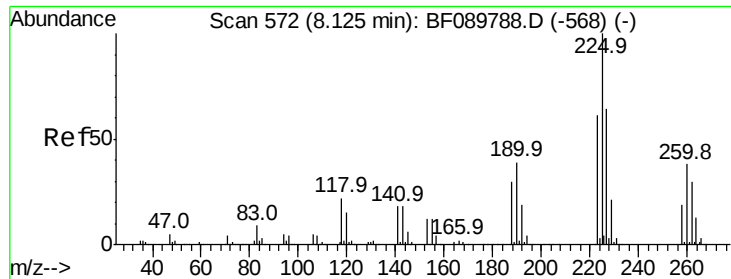
Abundance Ion 127.00 (126.70 to 127.70): E

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





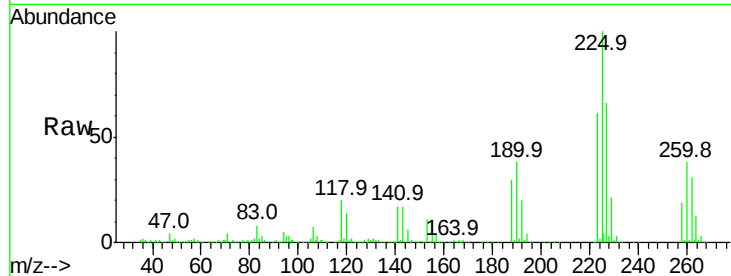
#34
Hexachlorobutadiene
Concen: 35.25 ng
RT: 8.12 min Scan# 572
Delta R.T. 0.00 min
Lab File: BF089809.D
Acq: 19 Aug 2016 21:20

Instrument :
BNA_F
ClientSampled :
I-3MSD

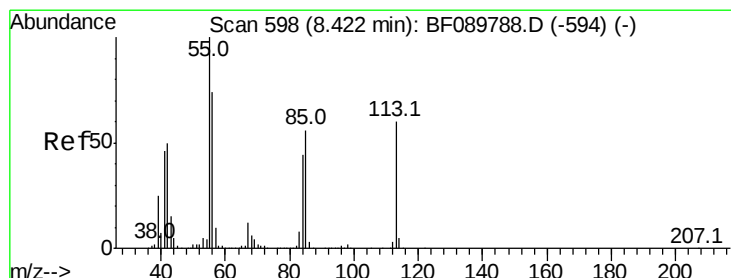
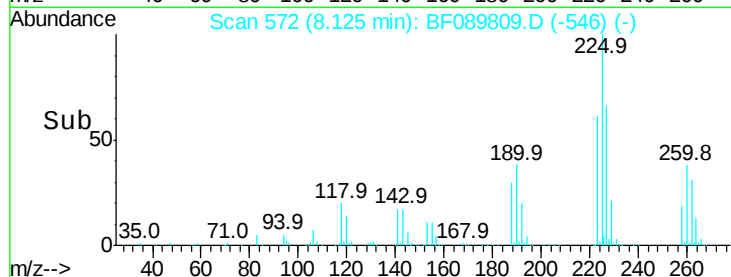
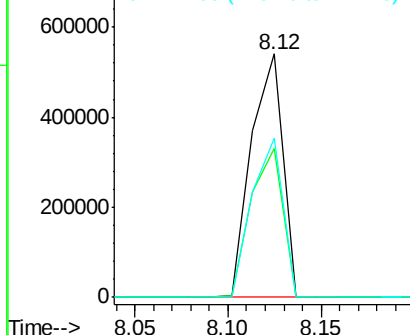
Tot Ion	Ratio	Resp	Lower	Upper
225	100	628963		
223	61.3		51.0	76.6
227	65.6		49.8	74.6

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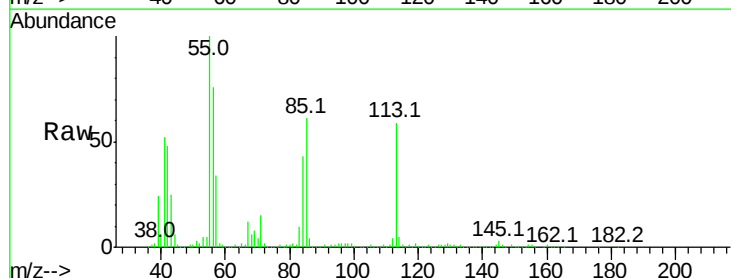


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

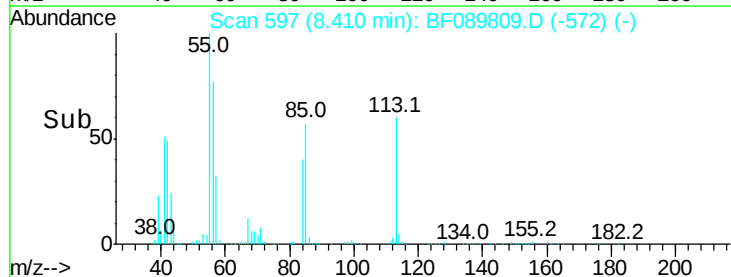
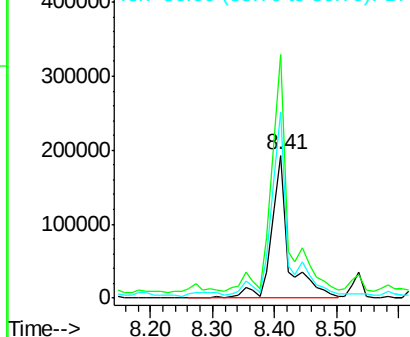


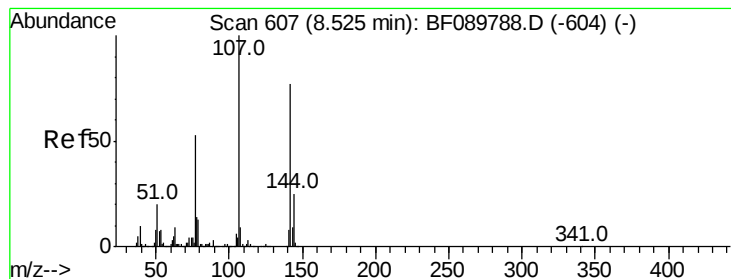
#35
Caprolactam
Concen: 38.84 ng
RT: 8.41 min Scan# 597
Delta R.T. -0.01 min
Lab File: BF089809.D
Acq: 19 Aug 2016 21:20

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	364311		
55	170.5		135.9	175.9
56	130.3		93.9	133.9



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0





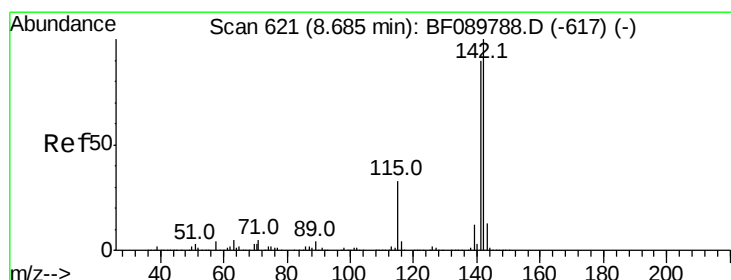
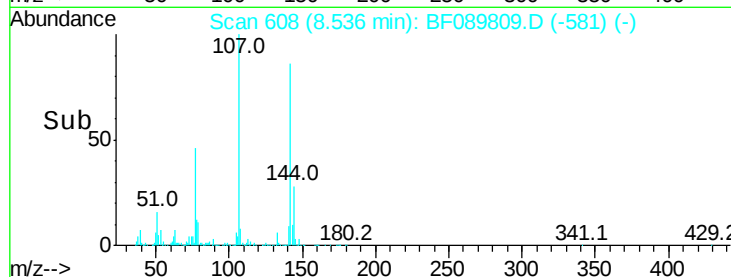
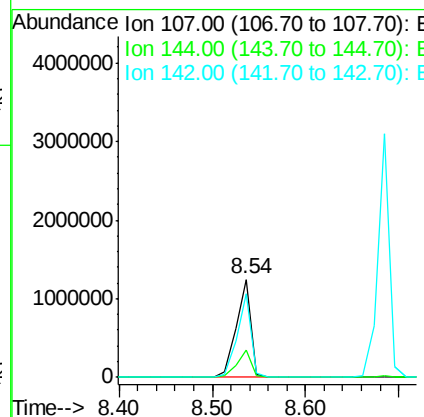
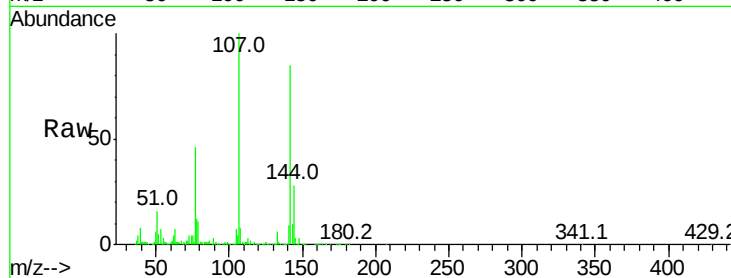
#36
 4-Chloro-3-methylphenol
 Concen: 41.11 ng
 RT: 8.54 min Scan# 608
 Delta R.T. 0.01 min
 Lab File: BF089809.D
 Acq: 19 Aug 2016 21:20

Instrument :
 BNA_F
 ClientSampled :
 I-3MSD

Tot Ion:107 Resp: 1371635
 Ion Ratio Lower Upper
 107 100
 144 28.1 22.6 34.0
 142 85.5 69.3 103.9

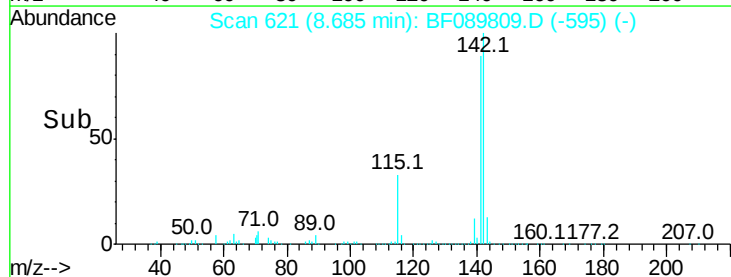
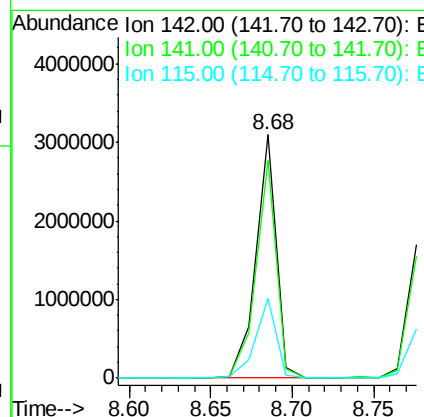
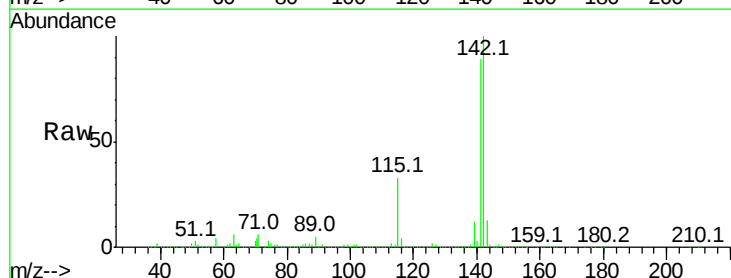
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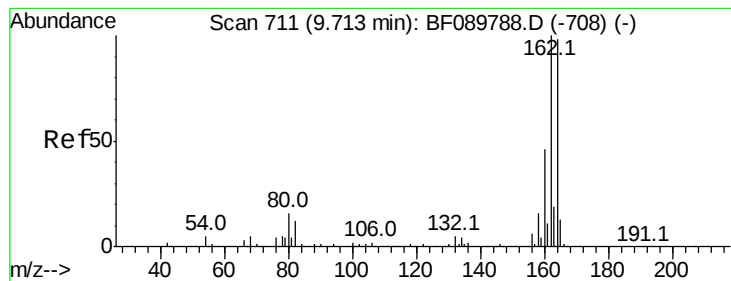
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#37
 2-Methylnaphthalene
 Concen: 39.27 ng
 RT: 8.68 min Scan# 621
 Delta R.T. 0.00 min
 Lab File: BF089809.D
 Acq: 19 Aug 2016 21:20

Tgt Ion:142 Resp: 2684125
 Ion Ratio Lower Upper
 142 100
 141 89.4 71.4 107.2
 115 32.9 22.7 34.1





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.72 min Scan# 712

Delta R.T. 0.01 min

Lab File: BF089809.D

Acq: 19 Aug 2016 21:20

Instrument :

BNA_F

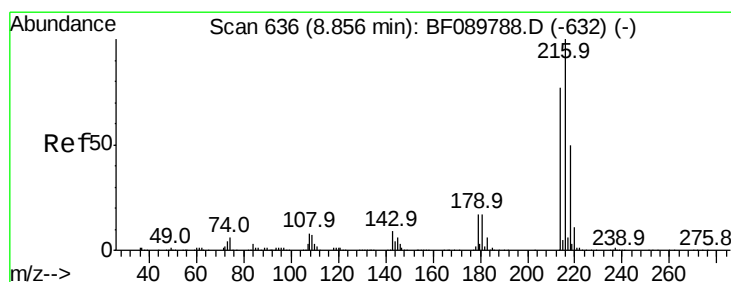
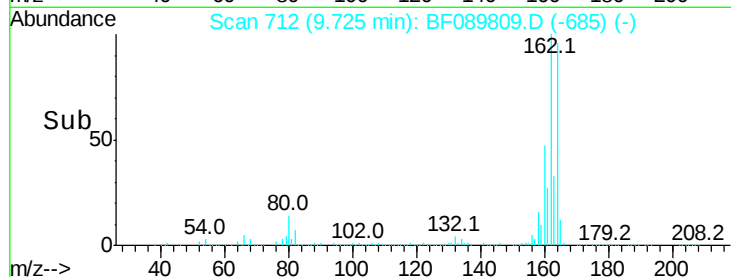
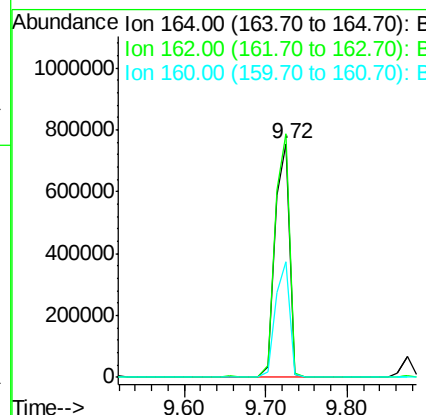
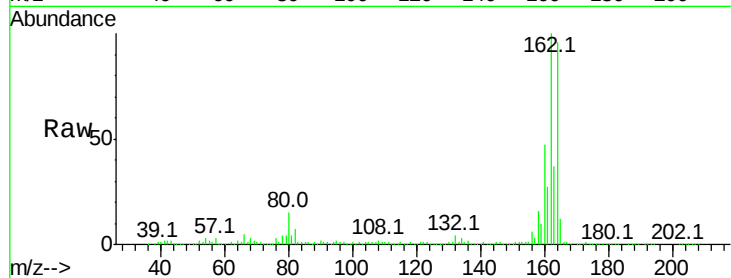
ClientSampled :

I-3MSD

Tot Ion:	164	Resp:	955189
Ion Ratio	Lower	Upper	
164	100		
162	104.2	81.4	122.2
160	49.3	37.8	56.6

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#39

1,2,4,5-Tetrachlorobenzene

Concen: 31.34 ng

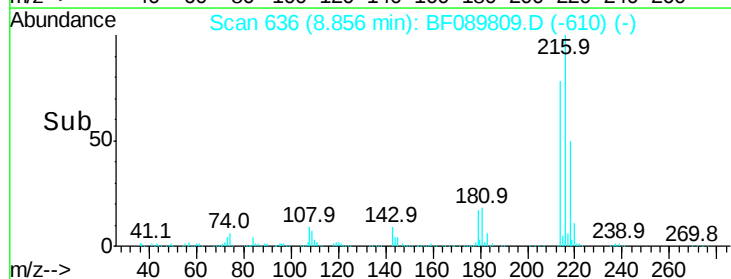
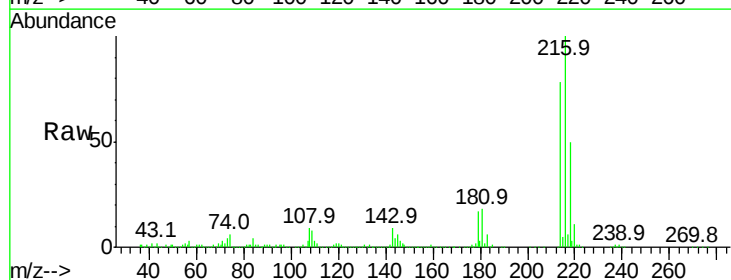
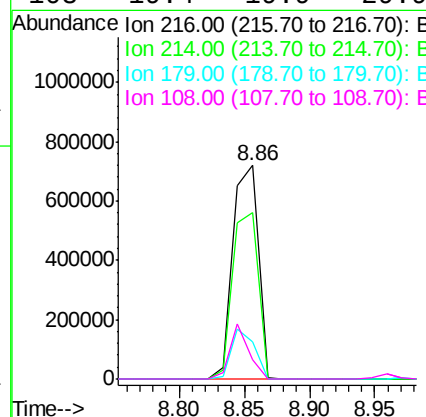
RT: 8.86 min Scan# 636

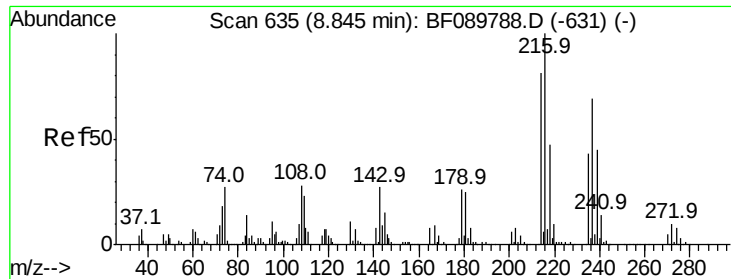
Delta R.T. 0.00 min

Lab File: BF089809.D

Acq: 19 Aug 2016 21:20

Tgt Ion:	216	Resp:	969408
Ion Ratio	Lower	Upper	
216	100		
214	79.2	63.5	95.3
179	21.6	19.9	29.9
108	19.4	19.9	29.9#





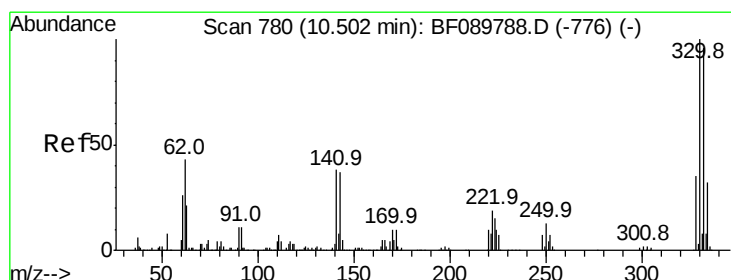
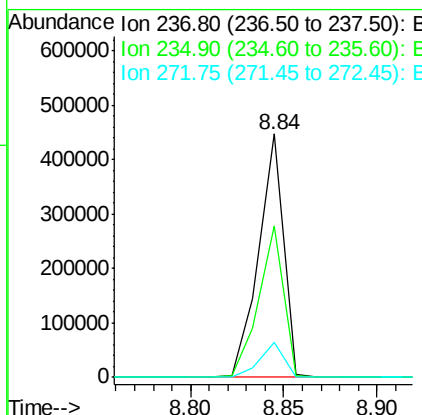
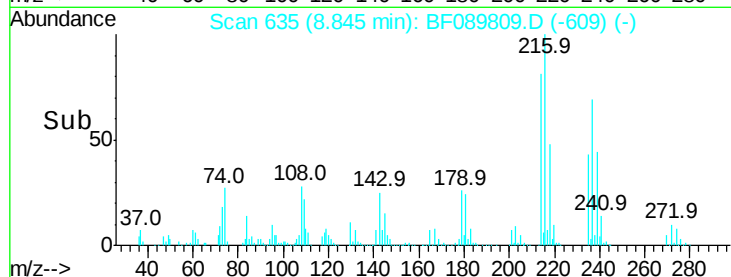
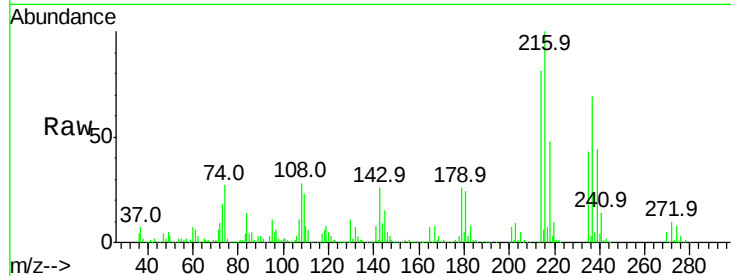
#40
Hexachlorocyclopentadiene
Concen: 38.37 ng
RT: 8.84 min Scan# 635
Delta R.T. 0.00 min
Lab File: BF089809.D
Acq: 19 Aug 2016 21:20

Instrument :
BNA_F
ClientSampleId :
I-3MSD

Tot Ion	Ratio	Resp	Lower	Upper
237	100	412096		
235	62.1	43.7	83.7	
272	14.4	0.0	31.6	

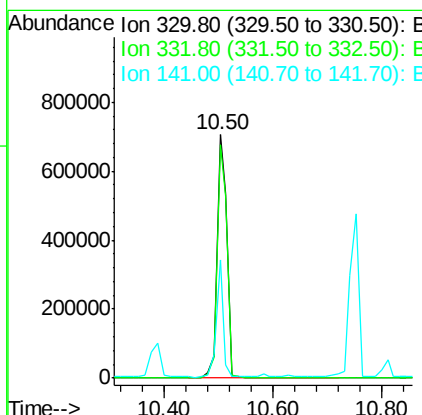
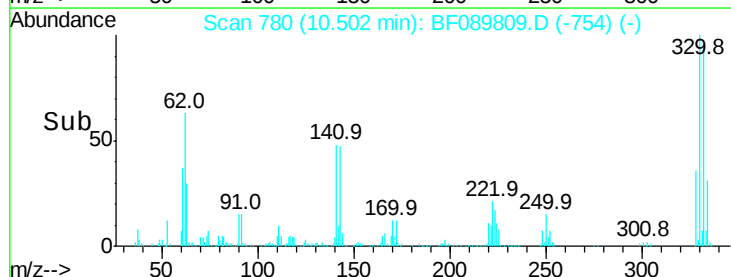
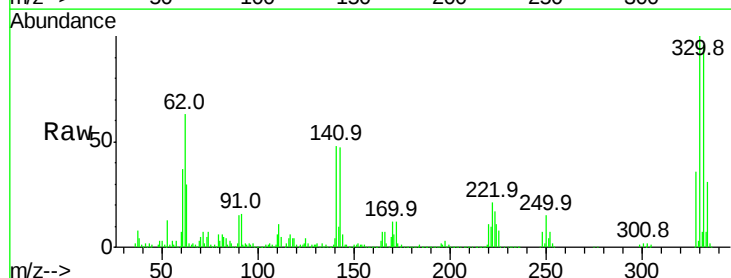
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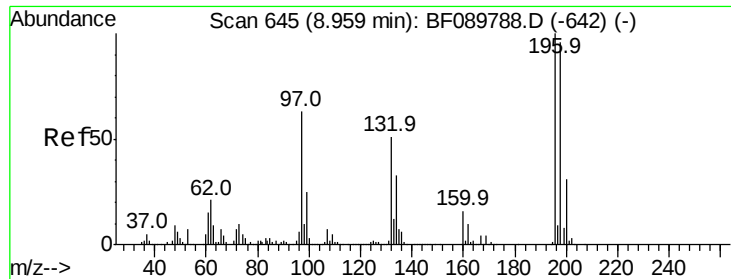
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#41
2,4,6-Tribromophenol
Concen: 101.81 ng
RT: 10.50 min Scan# 780
Delta R.T. 0.00 min
Lab File: BF089809.D
Acq: 19 Aug 2016 21:20

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	924215		
332	96.8	76.7	115.1	
141	34.0	30.2	45.2	





#42

2,4,6-Trichlorophenol

Concen: 40.16 ng

RT: 8.96 min Scan# 645

Delta R.T. 0.00 min

Lab File: BF089809.D

Acq: 19 Aug 2016 21:20

Instrument :

BNA_F

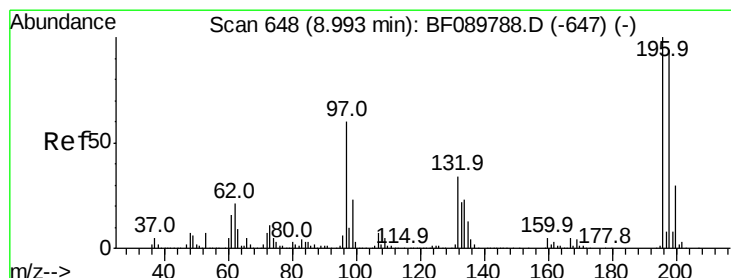
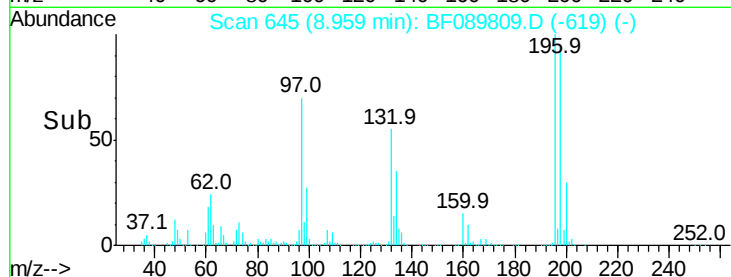
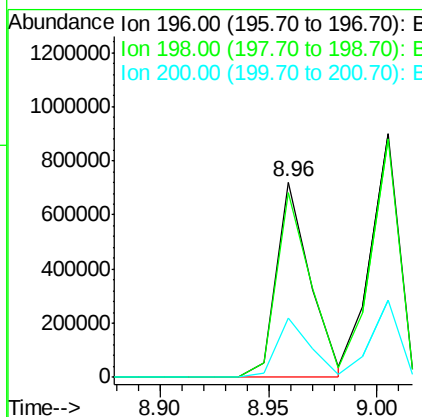
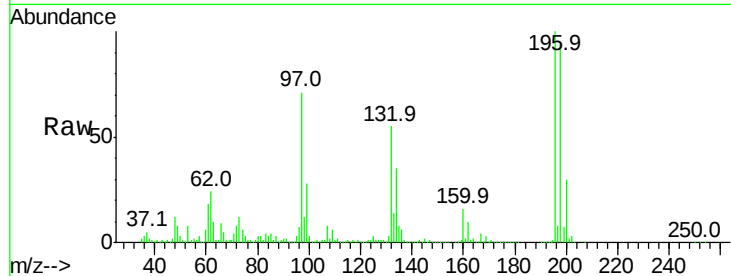
ClientSampleId :

I-3MSD

Tot Ion:	196	Resp:	781585
Ion Ratio	Lower	Upper	
196	100		
198	94.4	76.3	114.5
200	30.2	24.6	36.8

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#43

2,4,5-Trichlorophenol

Concen: 42.67 ng

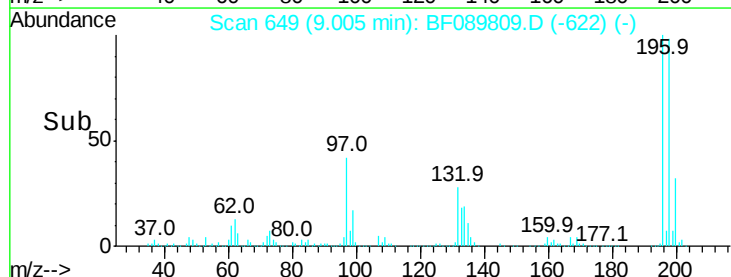
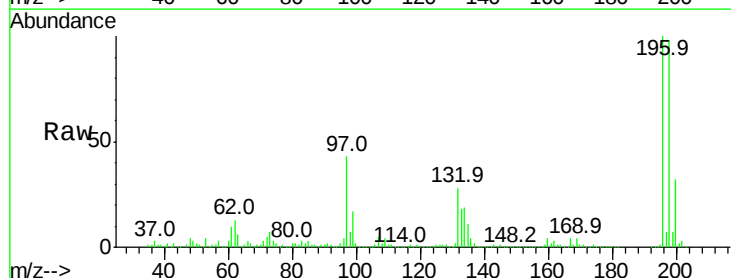
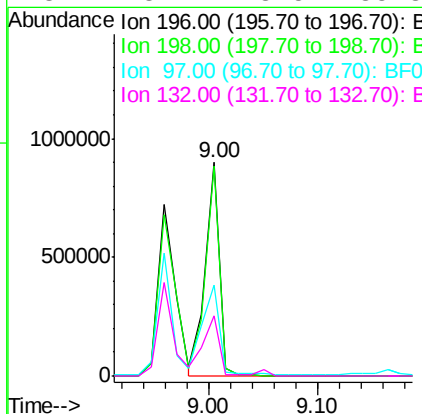
RT: 9.00 min Scan# 649

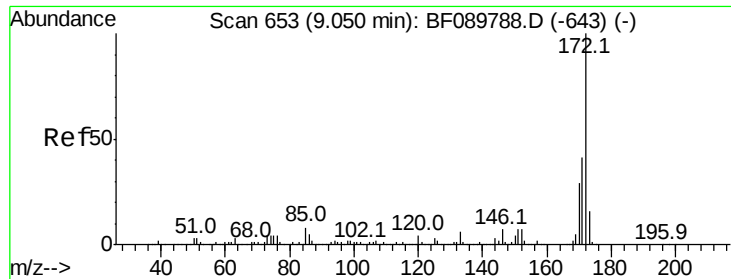
Delta R.T. 0.01 min

Lab File: BF089809.D

Acq: 19 Aug 2016 21:20

Tgt Ion:	196	Resp:	825823
Ion Ratio	Lower	Upper	
196	100		
198	98.2	76.6	114.8
97	42.9	35.8	53.8
132	28.1	23.5	35.3





#44

2-Fluorobiphenyl

Concen: 75.29 ng

RT: 9.05 min Scan# 653

Delta R.T. 0.00 min

Lab File: BF089809.D

Acq: 19 Aug 2016 21:20

Instrument :

BNA_F

ClientSampled :

I-3MSD

Tot Ion:172 Resp: 4091593

Ion Ratio Lower Upper

172 100

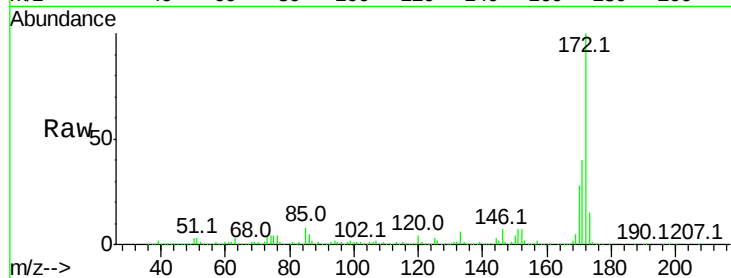
171 39.9 30.5 45.7

170 27.7 20.6 31.0

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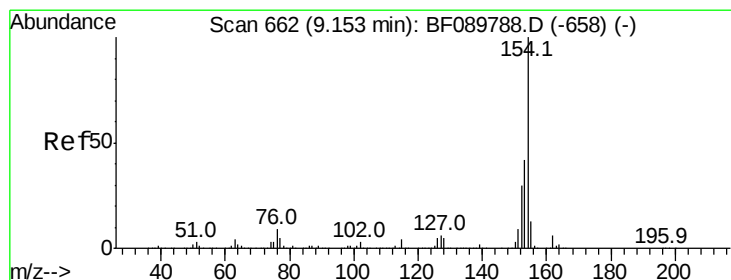
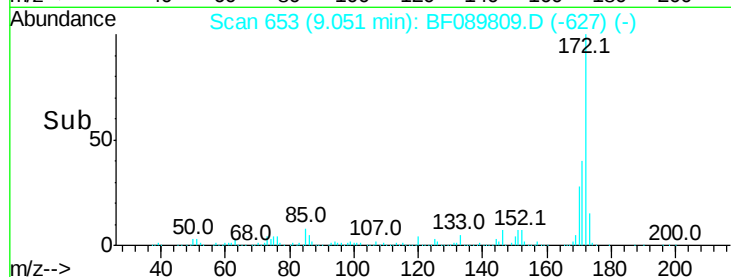
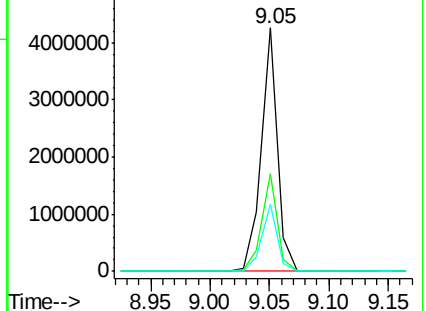
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Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#45

1,1'-Biphenyl

Concen: 39.43 ng

RT: 9.15 min Scan# 662

Delta R.T. 0.00 min

Lab File: BF089809.D

Acq: 19 Aug 2016 21:20

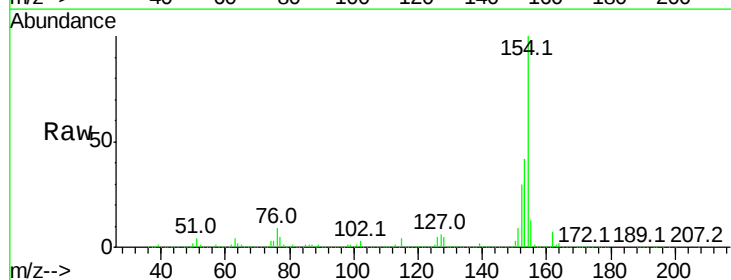
Tgt Ion:154 Resp: 2914798

Ion Ratio Lower Upper

154 100

153 41.8 21.5 61.5

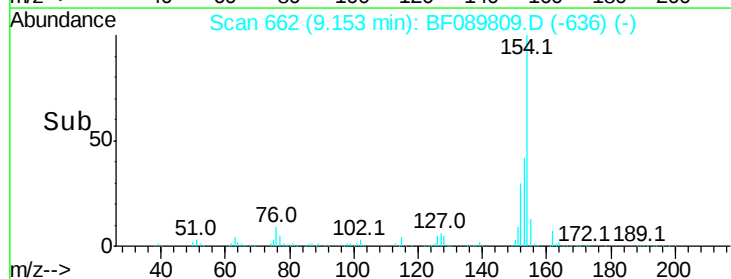
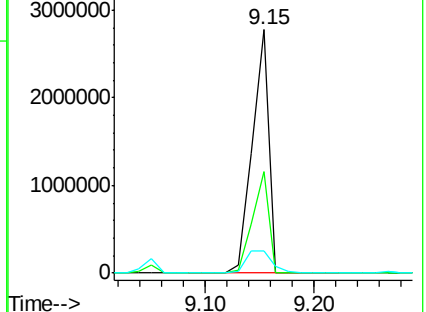
76 9.1 0.0 36.7

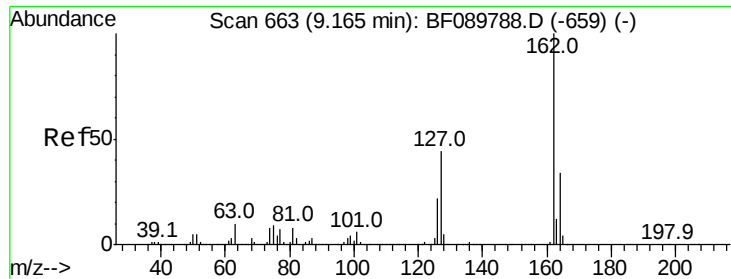


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0





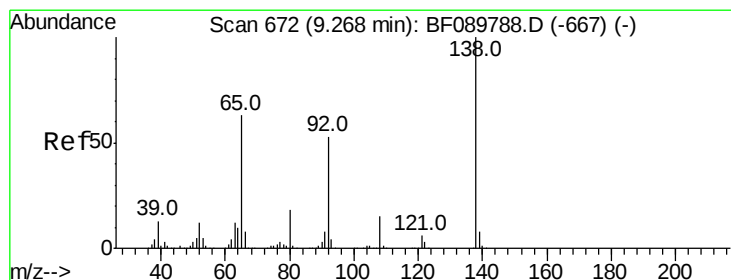
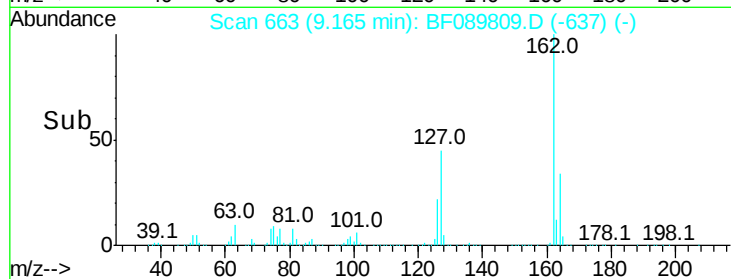
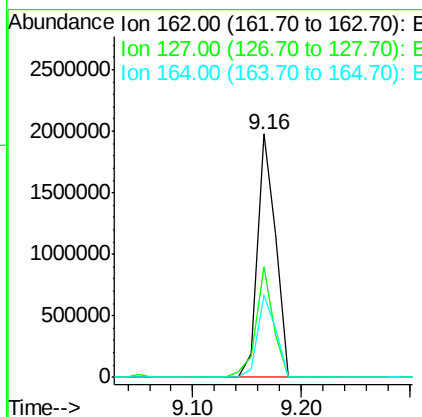
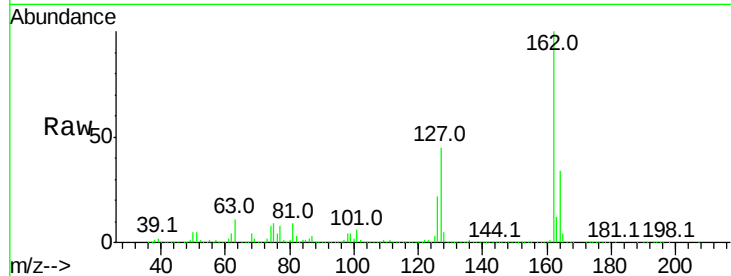
#46
 2-Chloronaphthalene
 Concen: 39.42 ng
 RT: 9.16 min Scan# 663
 Delta R.T. 0.00 min
 Lab File: BF089809.D
 Acq: 19 Aug 2016 21:20

Instrument :
 BNA_F
 ClientSampled :
 I-3MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	45.3	35.5	53.3
164	33.9	26.6	40.0

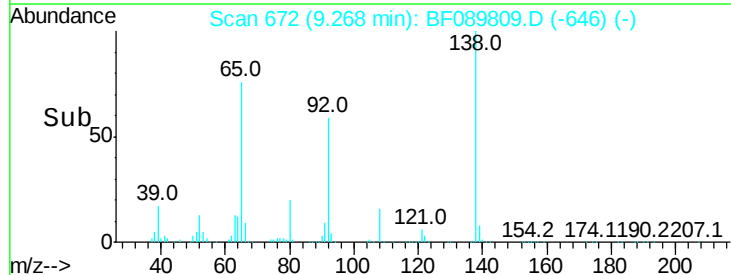
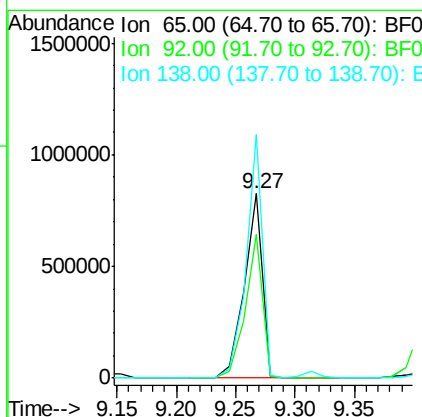
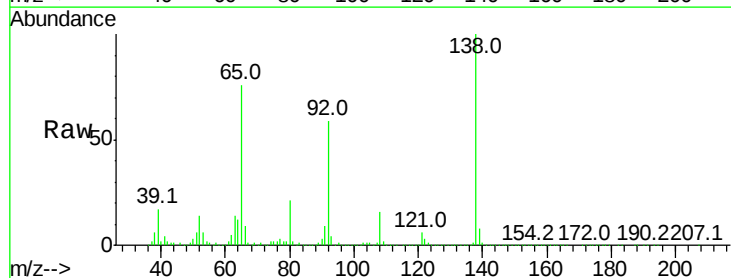
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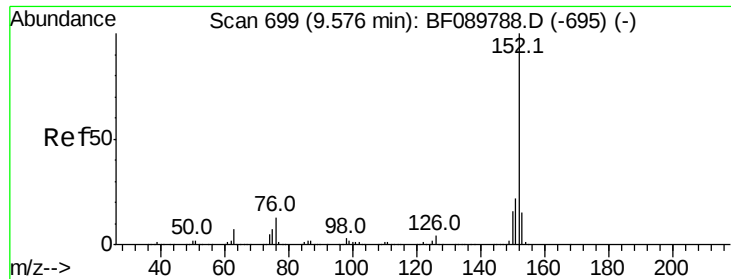
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#47
 2-Nitroaniline
 Concen: 52.13 ng
 RT: 9.27 min Scan# 672
 Delta R.T. 0.00 min
 Lab File: BF089809.D
 Acq: 19 Aug 2016 21:20

Tgt Ion	Ratio	Lower	Upper
65	100		
92	78.1	56.3	84.5
138	132.0	81.8	122.8





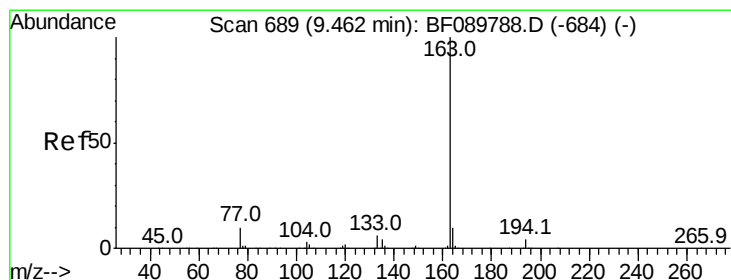
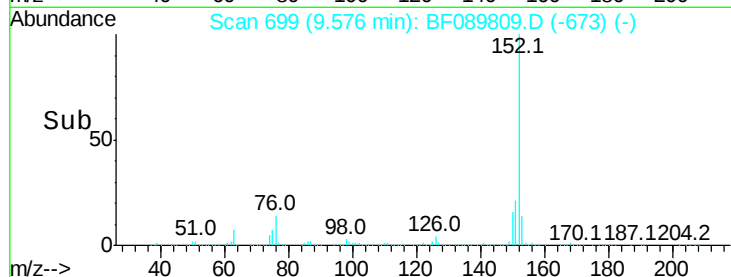
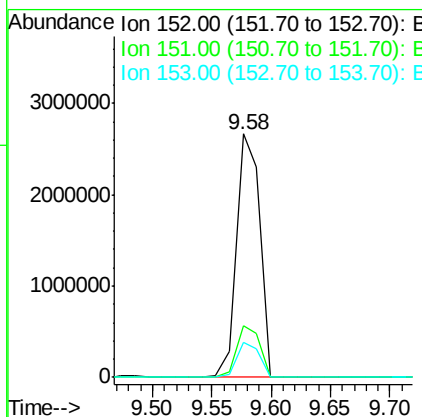
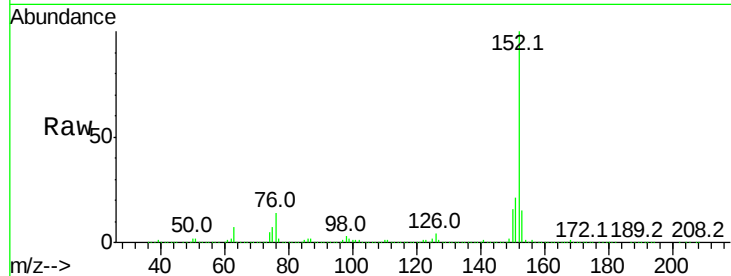
#48
Acenaphthylene
Concen: 41.21 ng
RT: 9.58 min Scan# 699
Delta R.T. 0.00 min
Lab File: BF089809.D
Acq: 19 Aug 2016 21:20

Instrument :
BNA_F
ClientSampleId :
I-3MSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	21.3	17.1	25.7
153	14.5	11.2	16.8

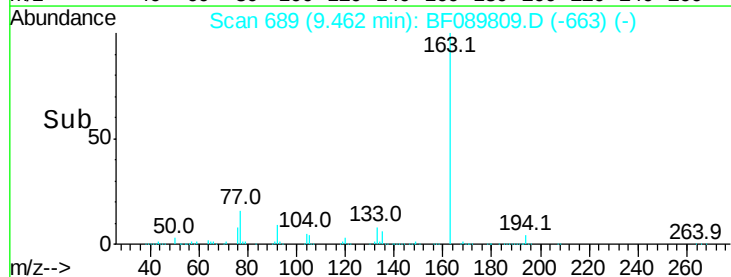
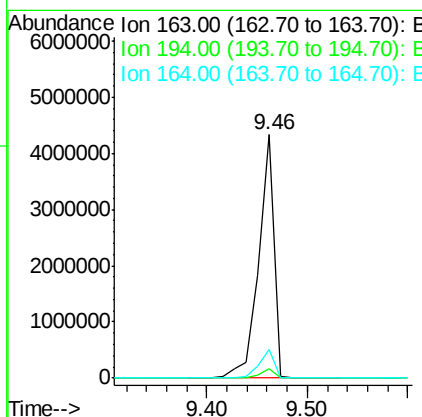
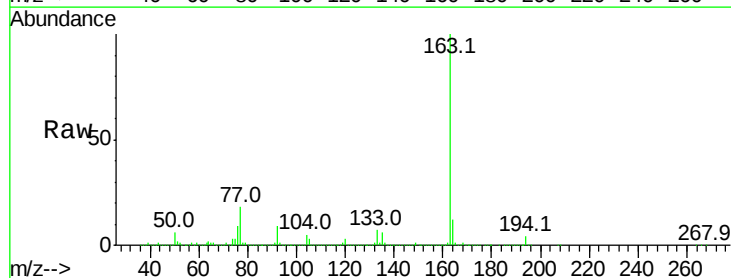
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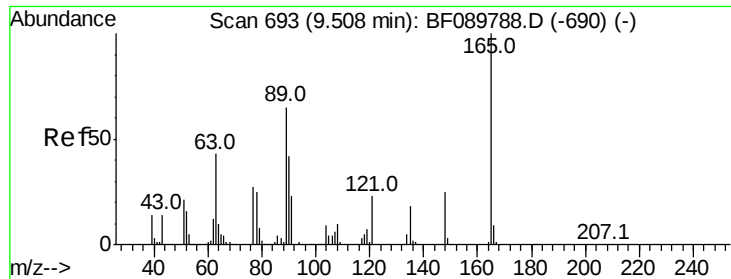
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#49
Dimethylphthalate
Concen: 68.15 ng
RT: 9.46 min Scan# 689
Delta R.T. 0.00 min
Lab File: BF089809.D
Acq: 19 Aug 2016 21:20

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	2.6	3.8#
164	11.7	8.6	12.8





#50

2,6-Dinitrotoluene

Concen: 39.97 ng

RT: 9.51 min Scan# 693

Delta R.T. 0.00 min

Lab File: BF089809.D

Acq: 19 Aug 2016 21:20

Instrument :

BNA_F

ClientSampleId :

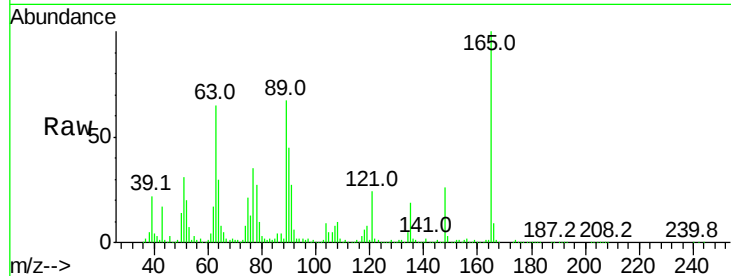
I-3MSD

Tot Ion:165 Resp: 620621
Ion Ratio Lower Upper

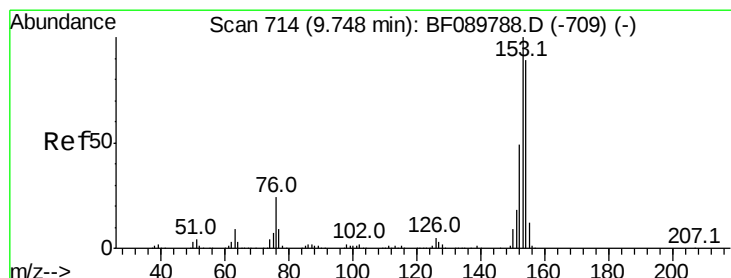
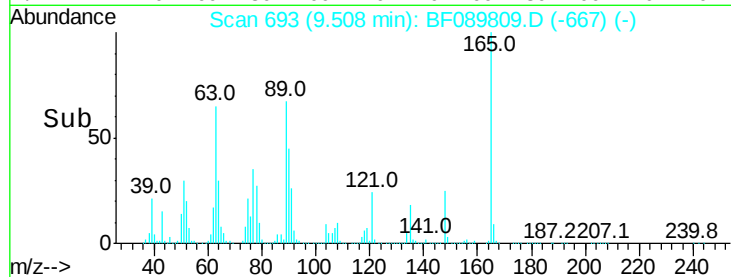
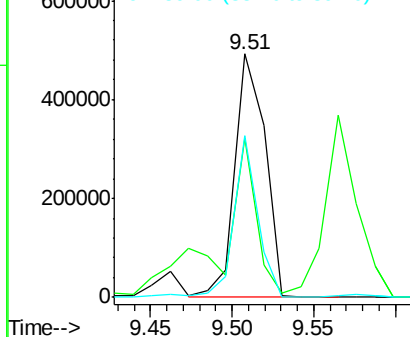
165	100		
63	65.4	41.7	62.5#
89	66.6	44.6	67.0

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Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0



#51

Acenaphthene

Concen: 41.68 ng

RT: 9.76 min Scan# 715

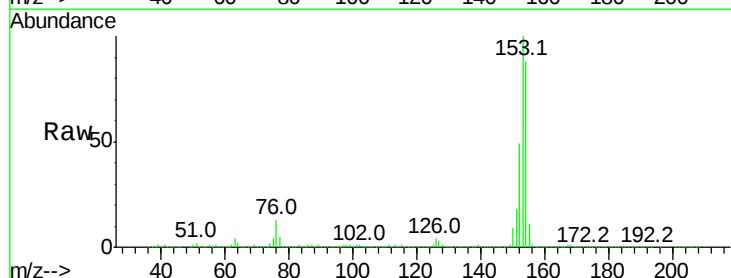
Delta R.T. 0.01 min

Lab File: BF089809.D

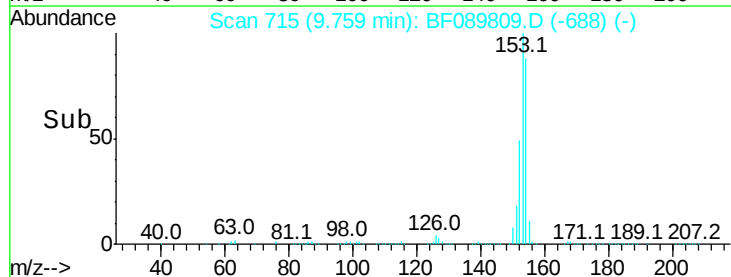
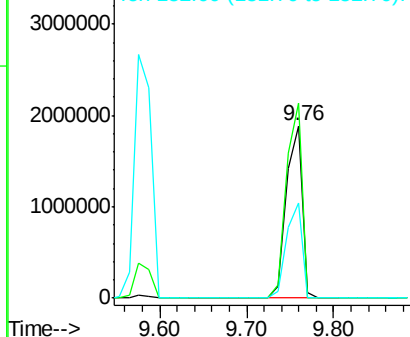
Acq: 19 Aug 2016 21:20

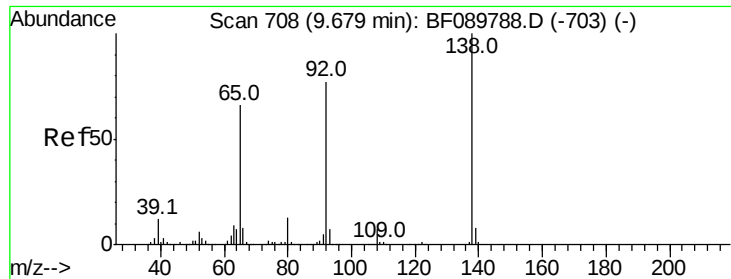
Tgt Ion:154 Resp: 2421971
Ion Ratio Lower Upper

154	100		
153	113.0	90.5	135.7
152	55.4	44.6	67.0



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: 32.19 ng

RT: 9.67 min Scan# 707

Delta R.T. -0.01 min

Lab File: BF089809.D

Acq: 19 Aug 2016 21:20

Instrument :

BNA_F

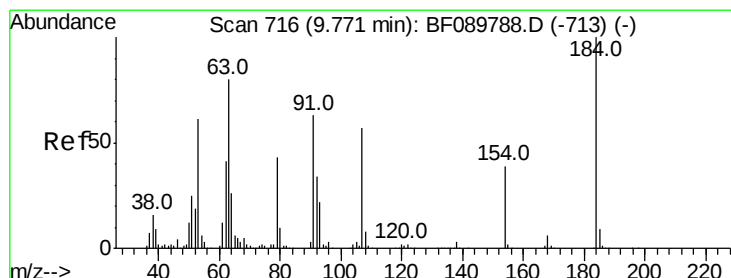
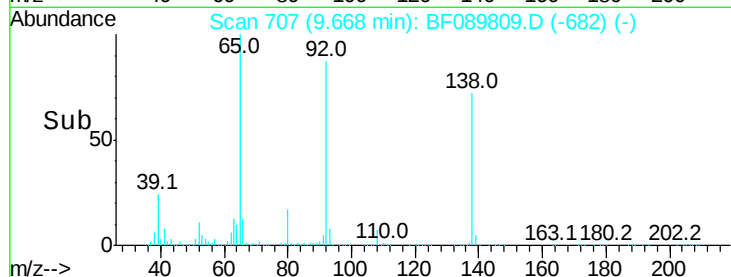
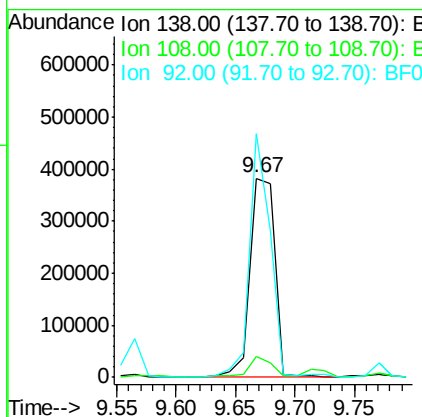
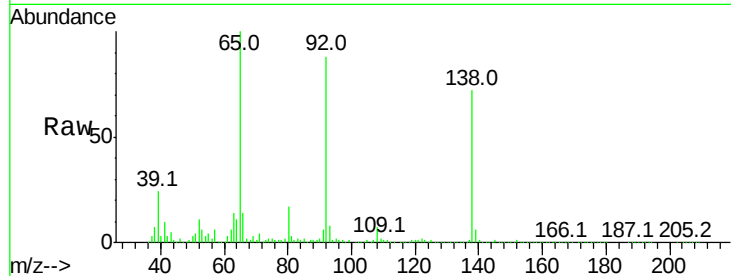
ClientSampleId :

I-3MSD

Tot Ion	Ratio	Resp	Lower	Upper
138	100	553771		
108	10.2		8.1	12.1
92	122.2		92.7	139.1

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#53

2,4-Dinitrophenol

Concen: 14.66 ng

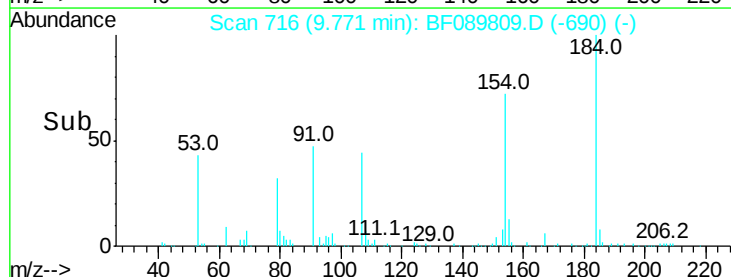
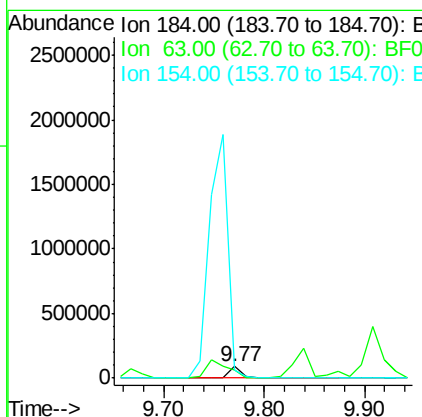
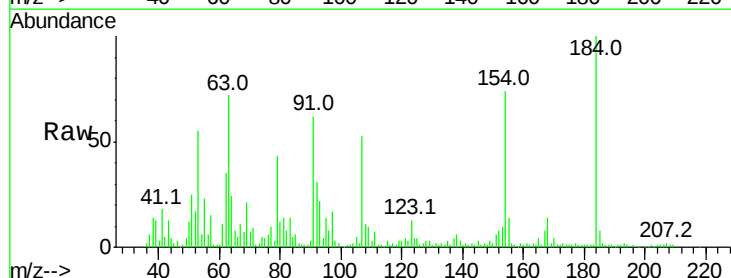
RT: 9.77 min Scan# 716

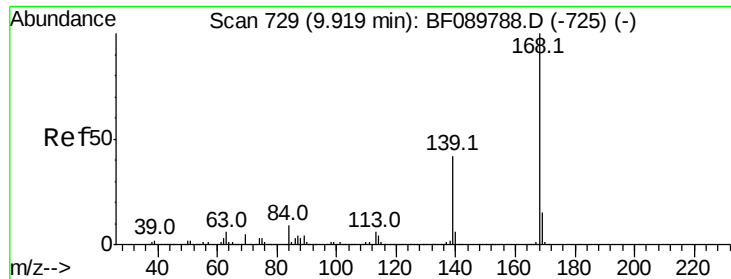
Delta R.T. 0.00 min

Lab File: BF089809.D

Acq: 19 Aug 2016 21:20

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	77650		
63	71.7		54.2	81.4
154	73.6		52.7	79.1





#54

Dibenzofuran

Concen: 45.47 ng

RT: 9.93 min Scan# 730

Delta R.T. 0.01 min

Lab File: BF089809.D

Acq: 19 Aug 2016 21:20

Instrument :

BNA_F

ClientSampled :

I-3MSD

Tot Ion:168 Resp: 3318846

Ion Ratio Lower Upper

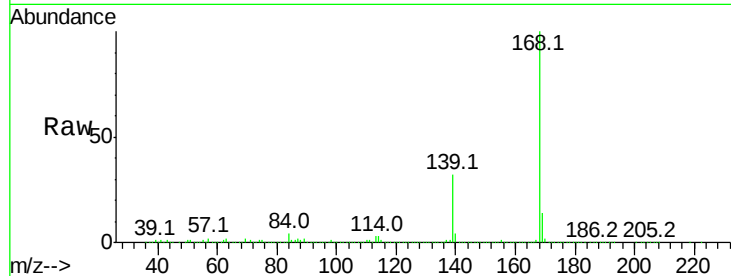
168 100

139 32.5 34.6 52.0#

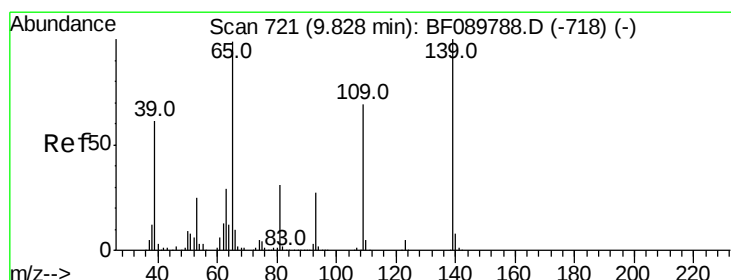
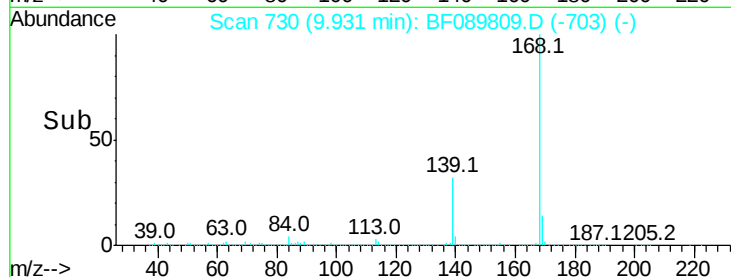
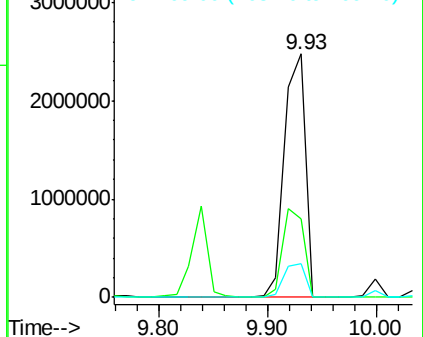
169 13.9 11.5 17.3

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Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 66.64 ng

RT: 9.84 min Scan# 722

Delta R.T. 0.01 min

Lab File: BF089809.D

Acq: 19 Aug 2016 21:20

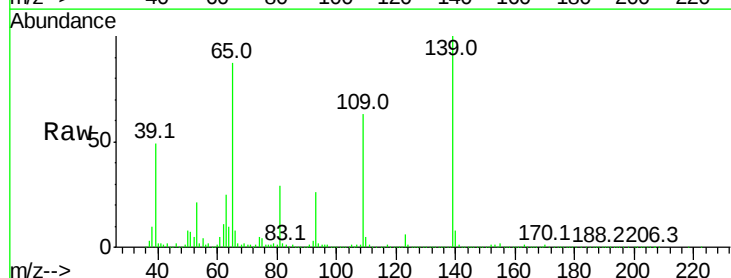
Tgt Ion:139 Resp: 935753

Ion Ratio Lower Upper

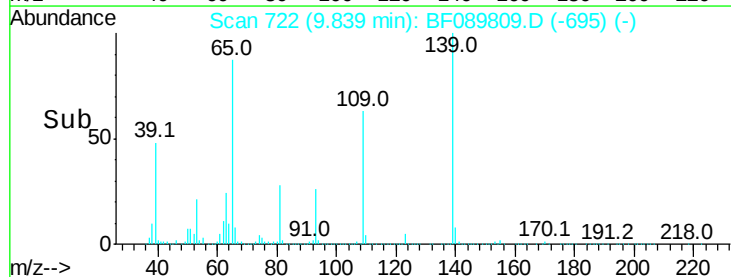
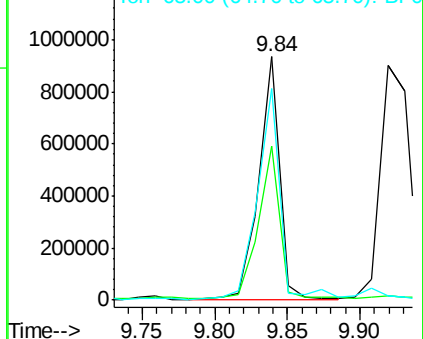
139 100

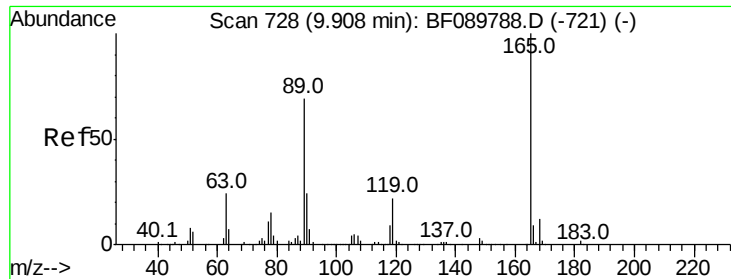
109 63.5 43.0 83.0

65 86.8 55.7 95.7



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0





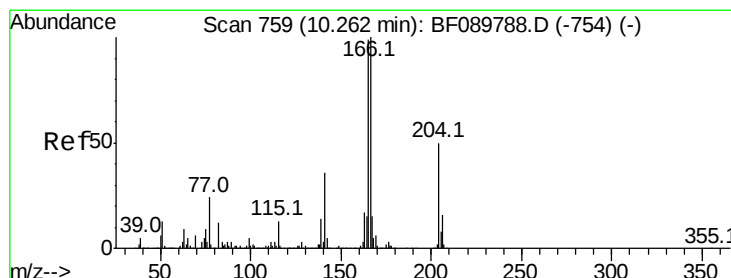
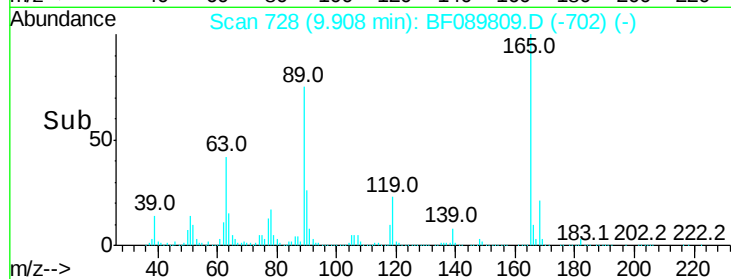
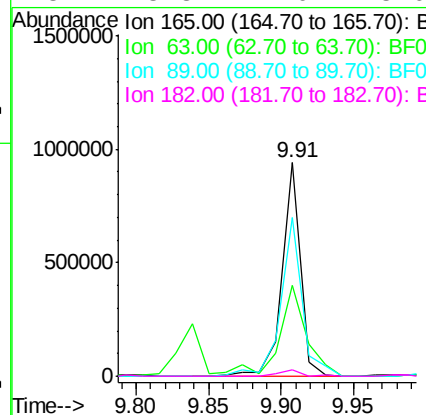
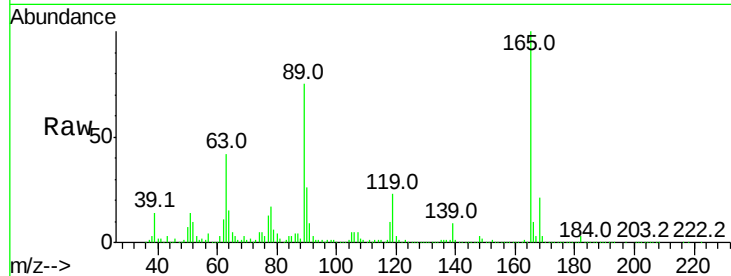
#56
2,4-Dinitrotoluene
Concen: 40.34 ng
RT: 9.91 min Scan# 728
Delta R.T. 0.00 min
Lab File: BF089809.D
Acq: 19 Aug 2016 21:20

Instrument :
BNA_F
ClientSampleId :
I-3MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	812814		
63	42.3	23.7	35.5#	
89	74.5	44.0	66.0#	
182	3.3	2.0	3.0#	

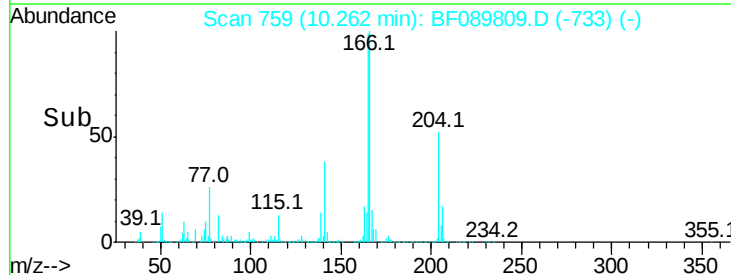
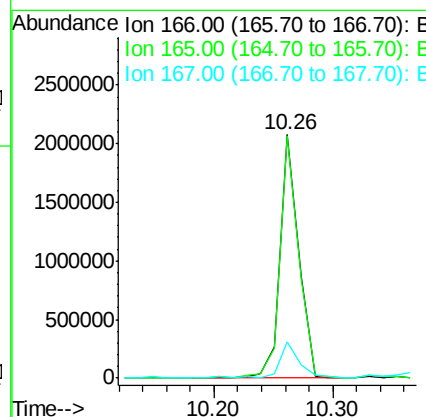
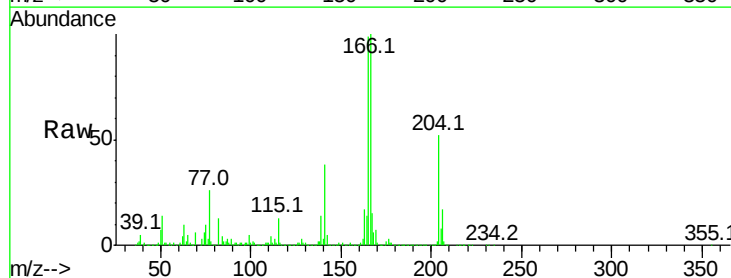
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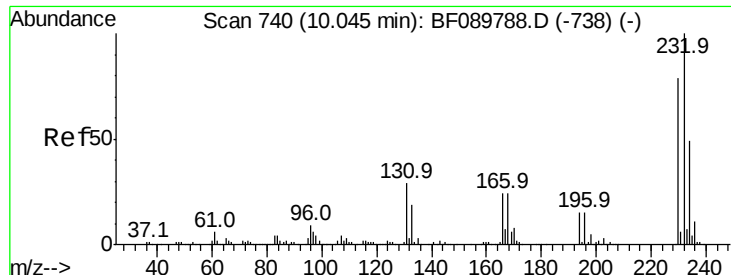
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#57
Fluorene
Concen: 38.64 ng
RT: 10.26 min Scan# 759
Delta R.T. 0.00 min
Lab File: BF089809.D
Acq: 19 Aug 2016 21:20

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	2247690		
165	99.3	80.2	120.4	
167	14.8	11.3	16.9	





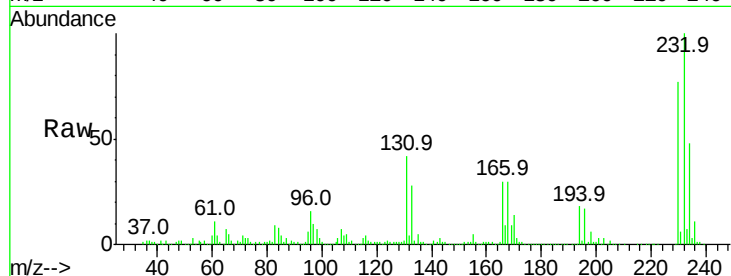
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 42.53 ng
 RT: 10.04 min Scan# 740
 Delta R.T. 0.00 min
 Lab File: BF089809.D
 Acq: 19 Aug 2016 21:20

Instrument :
 BNA_F
 ClientSampleId :
 I-3MSD

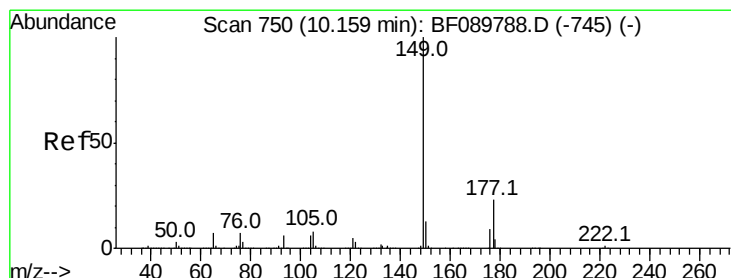
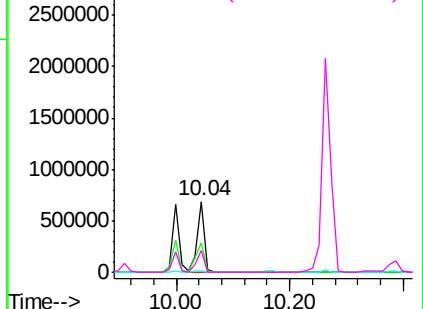
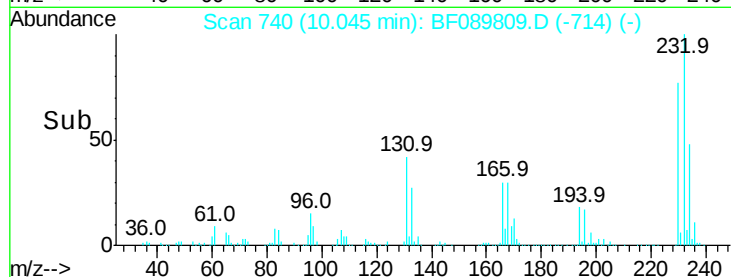
Tot Ion	Ratio	Resp	Lower	Upper
232	100	599046		
131	48.9		42.5	63.7
130	2.4		2.2	3.4
166	32.4		27.3	40.9

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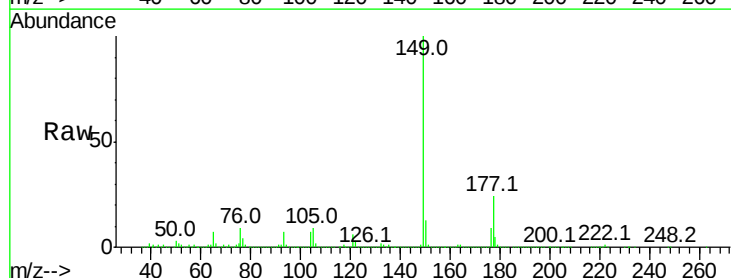


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

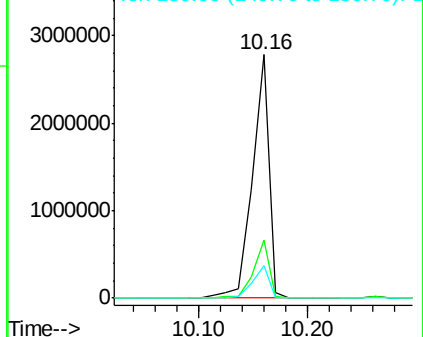
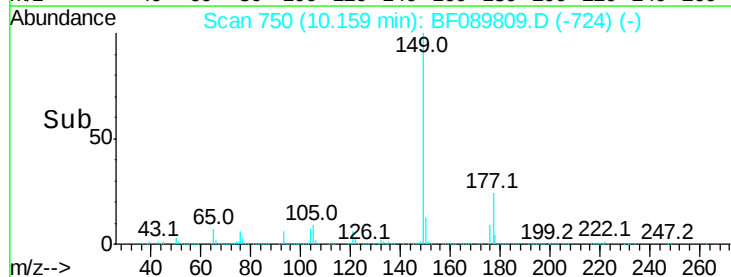


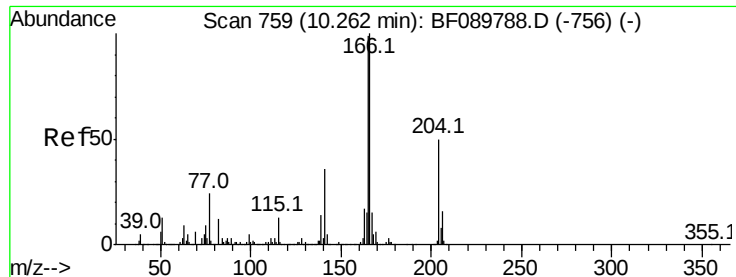
#59
 Diethylphthalate
 Concen: 42.92 ng
 RT: 10.16 min Scan# 750
 Delta R.T. 0.00 min
 Lab File: BF089809.D
 Acq: 19 Aug 2016 21:20

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	2932309		
177	23.7		16.6	25.0
150	13.3		10.5	15.7



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





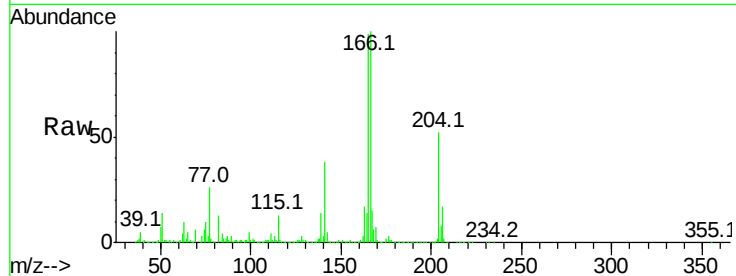
#60
4-Chlorophenyl-phenylether
Concen: 38.26 ng
RT: 10.26 min Scan# 759
Delta R.T. 0.00 min
Lab File: BF089809.D
Acq: 19 Aug 2016 21:20

Instrument :
BNA_F
ClientSampled :
I-3MSD

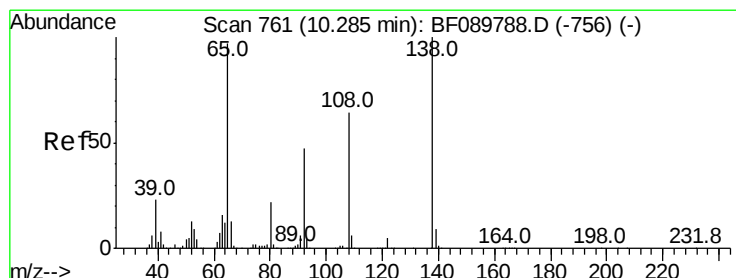
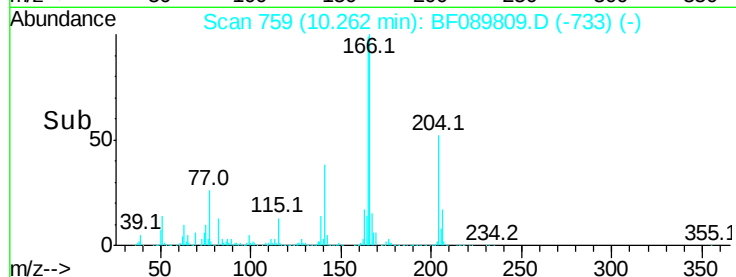
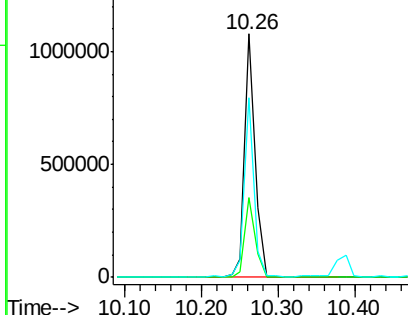
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.5	39.7
141	74.0	54.1	81.1

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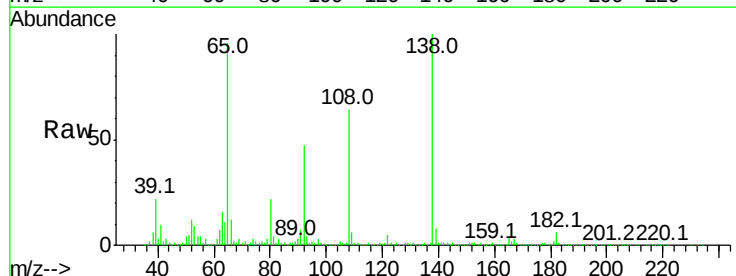


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

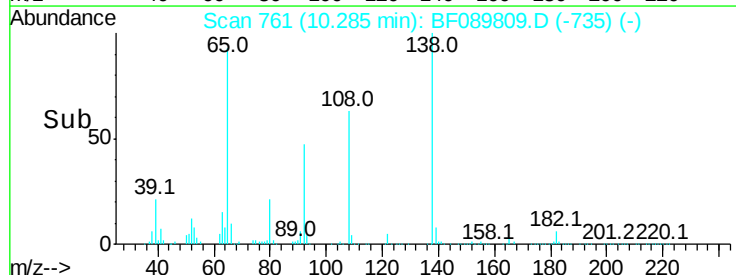
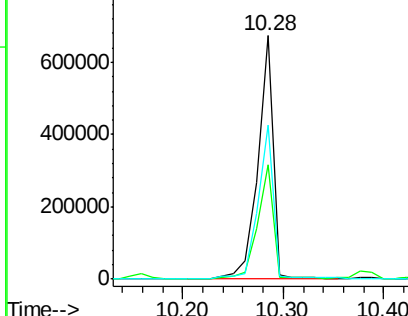


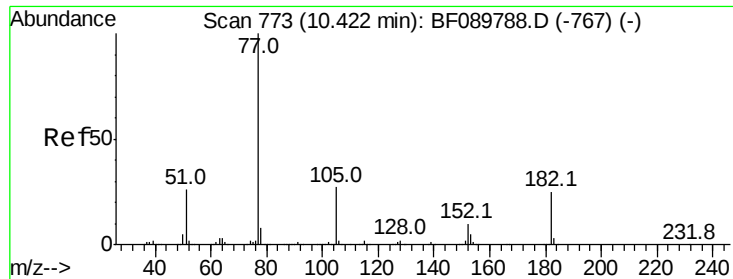
#61
4-Nitroaniline
Concen: 43.58 ng
RT: 10.28 min Scan# 761
Delta R.T. 0.00 min
Lab File: BF089809.D
Acq: 19 Aug 2016 21:20

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.8	26.4	66.4
108	63.5	47.0	87.0



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 43.63 ng

RT: 10.42 min Scan# 773

Delta R.T. 0.00 min

Lab File: BF089809.D

Acq: 19 Aug 2016 21:20

Instrument :

BNA_F

ClientSampleId :

I-3MSD

Tot Ion: 77 Resp: 2802593

Ion Ratio Lower Upper

77 100

182 25.5 5.6 45.6

105 26.7 4.0 44.0

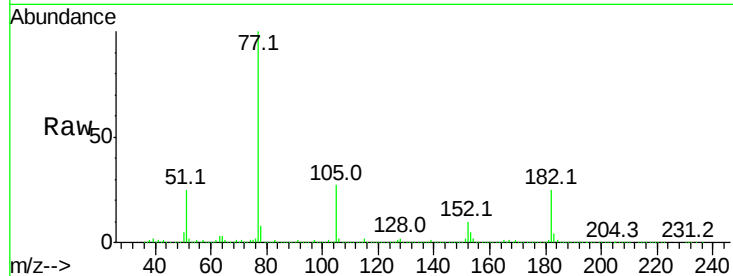
51 25.1 7.8 47.8

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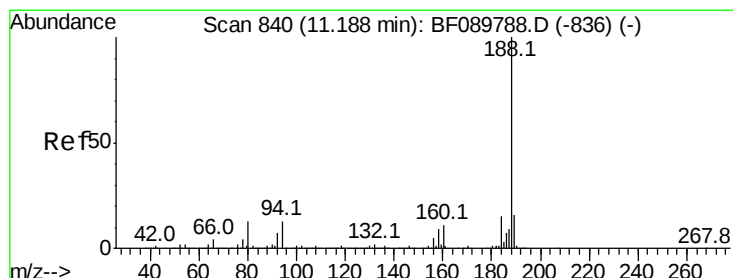
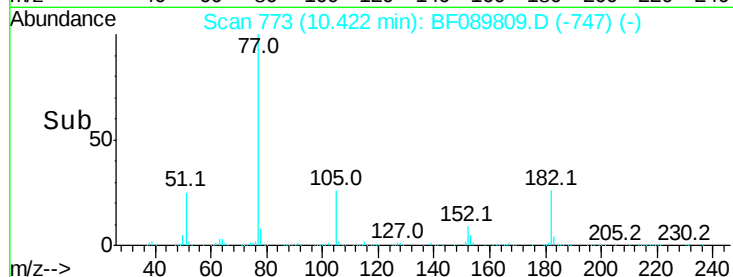
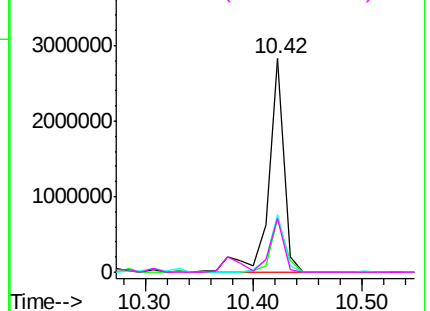


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.20 min Scan# 841

Delta R.T. 0.01 min

Lab File: BF089809.D

Acq: 19 Aug 2016 21:20

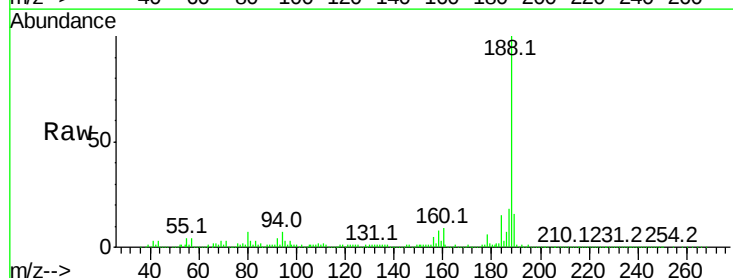
Tgt Ion: 188 Resp: 1458268

Ion Ratio Lower Upper

188 100

94 7.5 10.2 15.2#

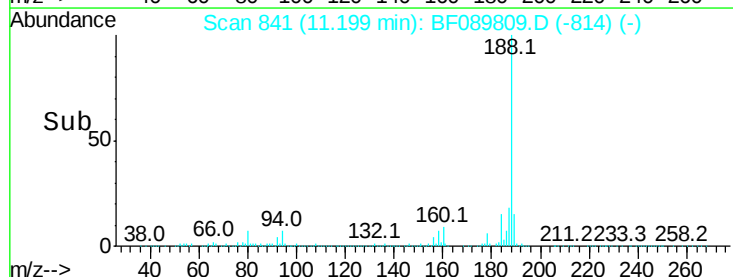
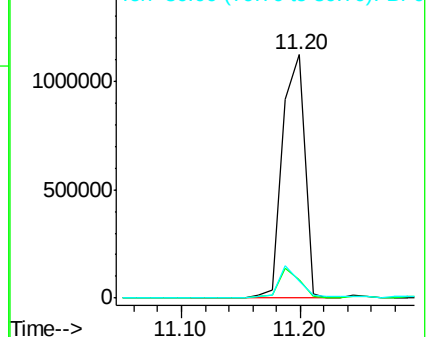
80 6.9 10.9 16.3#

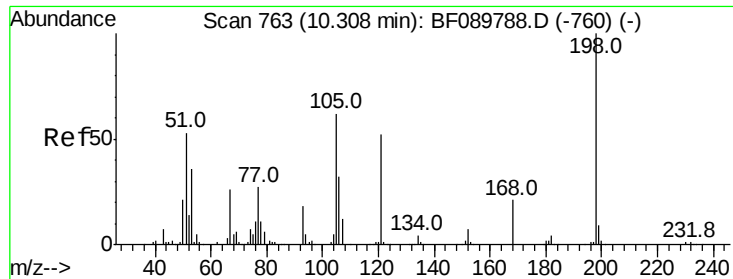


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





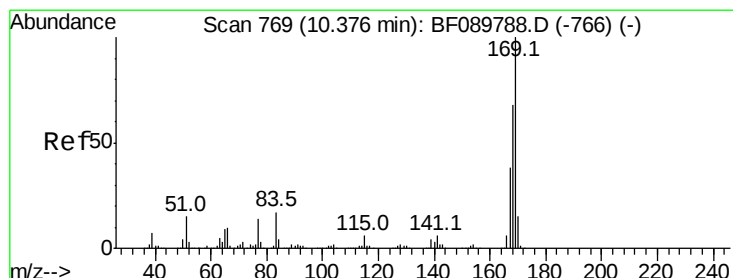
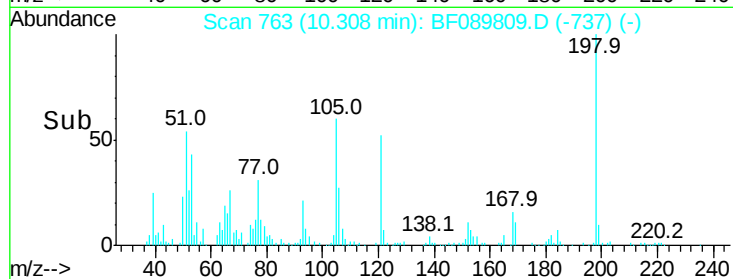
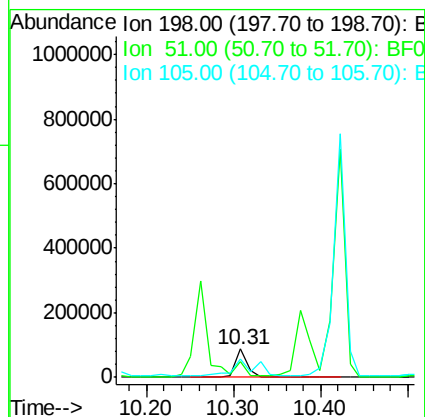
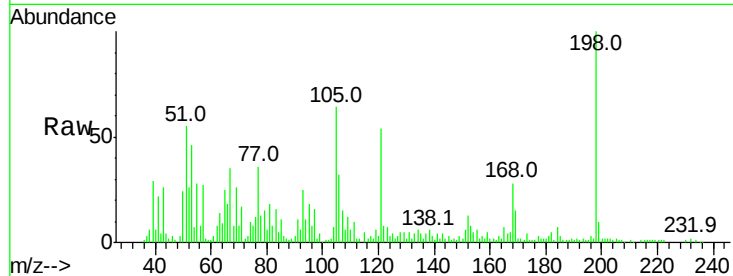
#64
 4,6-Dinitro-2-methylphenol
 Concen: 9.84 ng
 RT: 10.31 min Scan# 763
 Delta R.T. 0.00 min
 Lab File: BF089809.D
 Acq: 19 Aug 2016 21:20

Instrument :
 BNA_F
 ClientSampled :
 I-3MSD

Tot Ion	Ratio	Lower	Upper
198	100		
51	55.0	32.3	72.3
105	63.5	32.9	72.9

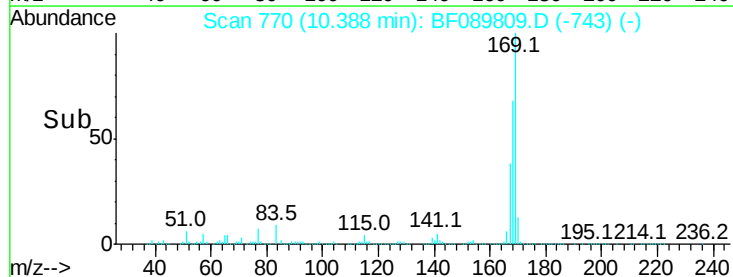
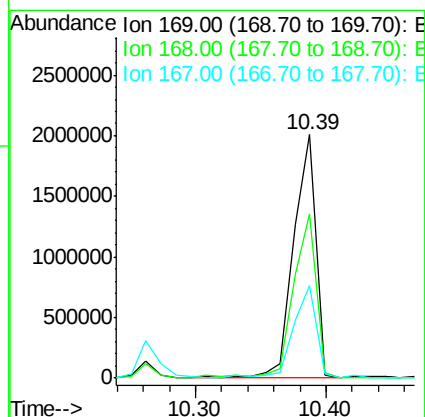
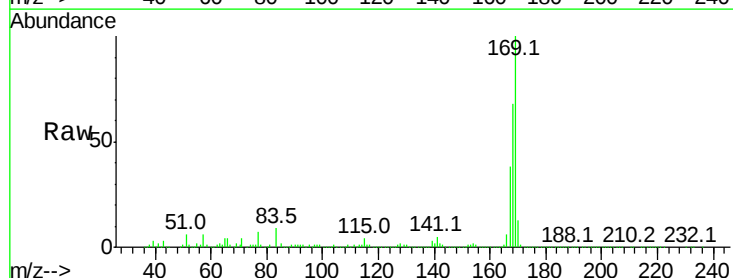
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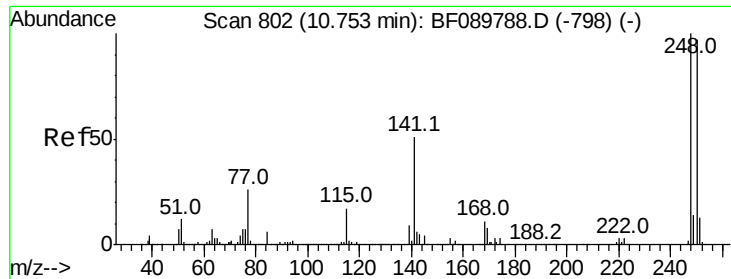
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#65
 n-Nitrosodiphenylamine
 Concen: 52.41 ng
 RT: 10.39 min Scan# 770
 Delta R.T. 0.01 min
 Lab File: BF089809.D
 Acq: 19 Aug 2016 21:20

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.7	54.6	82.0
167	38.1	30.6	45.8





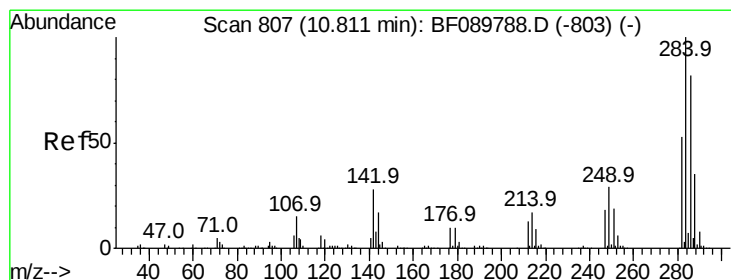
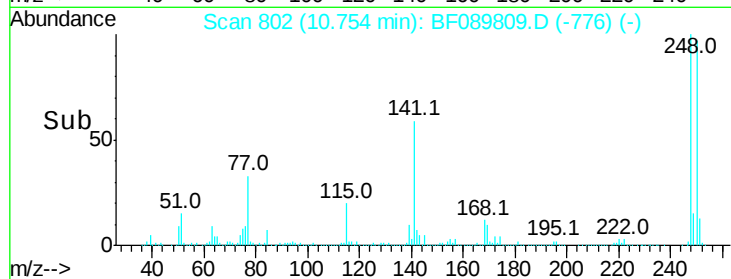
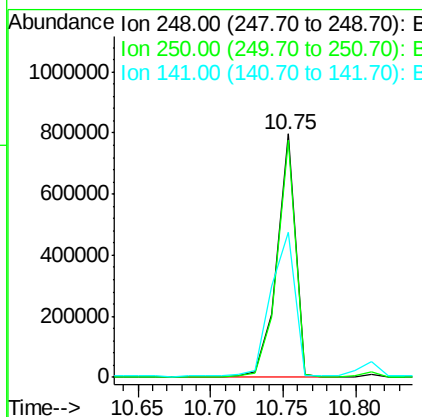
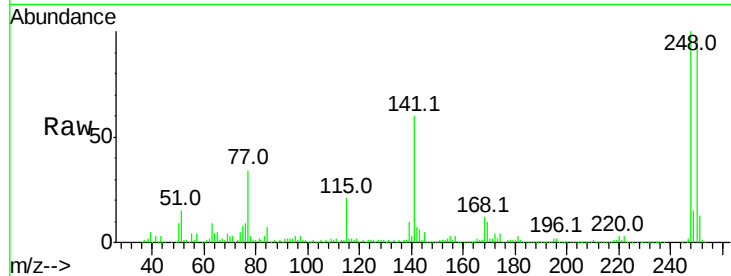
#66
 4-Bromophenyl-phenylether
 Concen: 46.57 ng
 RT: 10.75 min Scan# 802
 Delta R.T. 0.00 min
 Lab File: BF089809.D
 Acq: 19 Aug 2016 21:20

Instrument :
 BNA_F
 ClientSampled :
 I-3MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.4	78.6	117.8
141	59.7	31.4	47.2

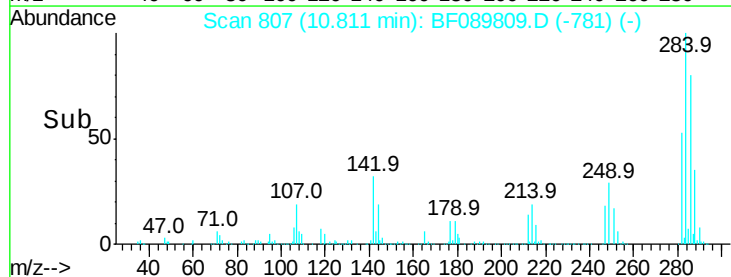
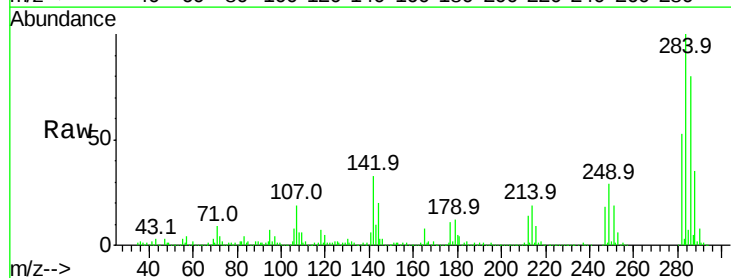
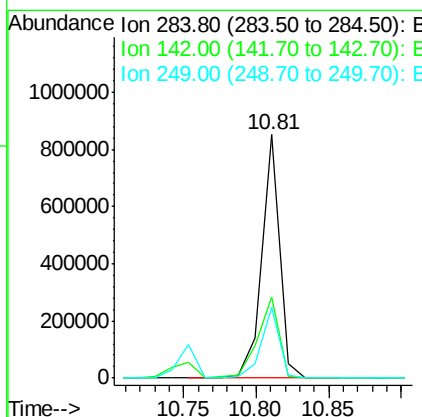
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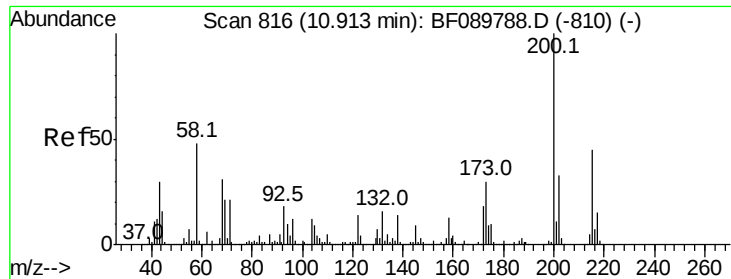
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#67
 Hexachlorobenzene
 Concen: 41.53 ng
 RT: 10.81 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: BF089809.D
 Acq: 19 Aug 2016 21:20

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.2	17.4	26.2
249	29.2	22.8	34.2





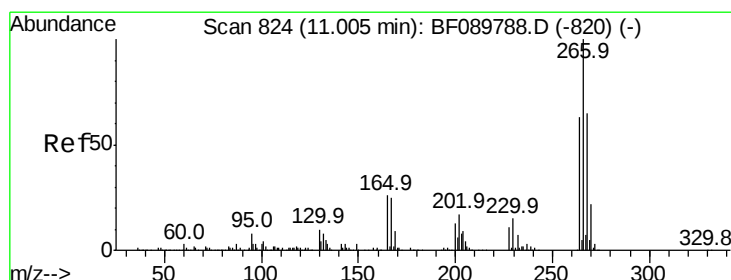
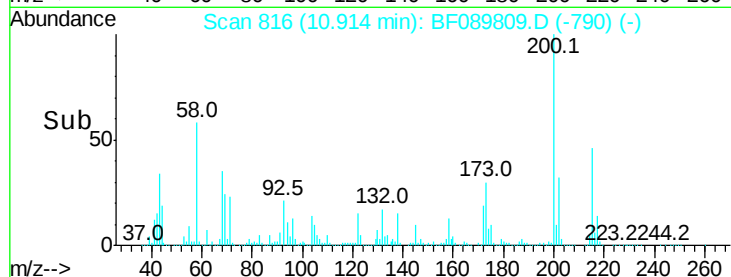
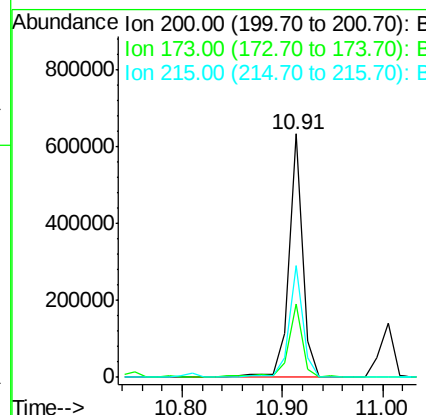
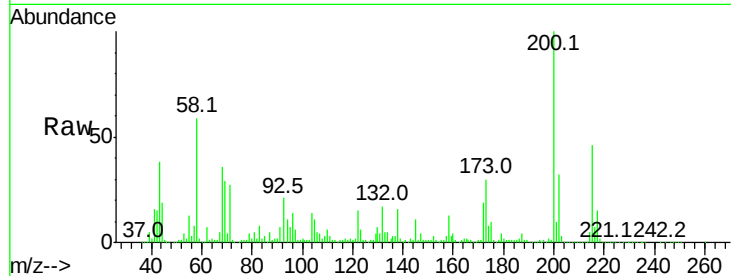
#68
Atrazine
Concen: 42.39 ng
RT: 10.91 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF089809.D
Acq: 19 Aug 2016 21:20

Instrument :
BNA_F
ClientSampleId :
I-3MSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	30.3	6.6	46.6
215	45.7	24.7	64.7

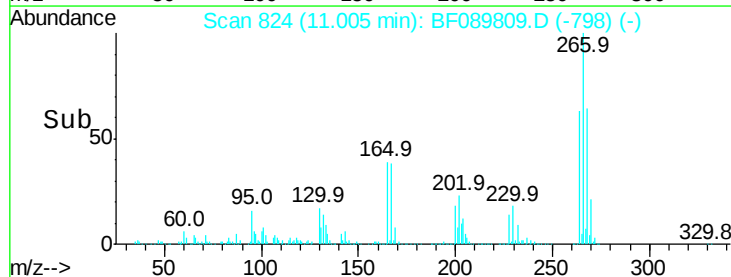
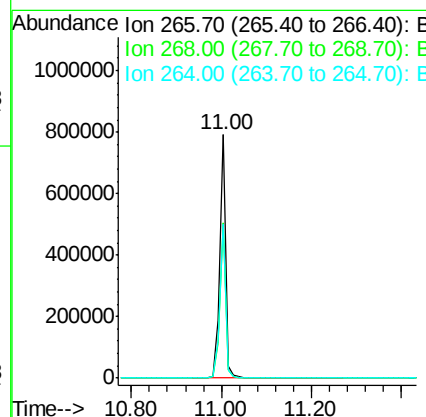
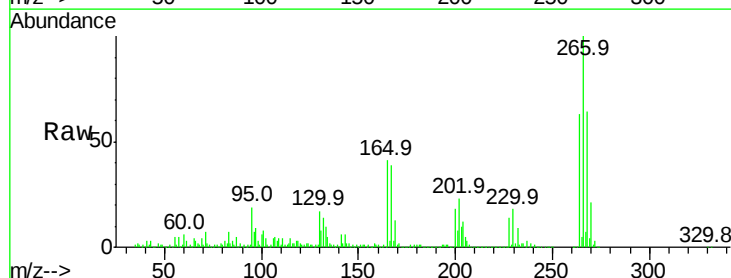
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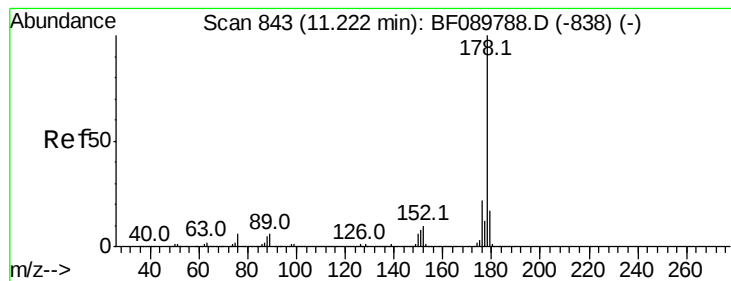
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#69
Pentachlorophenol
Concen: 74.25 ng
RT: 11.00 min Scan# 824
Delta R.T. 0.00 min
Lab File: BF089809.D
Acq: 19 Aug 2016 21:20

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	63.7	53.2	79.8
264	63.2	51.1	76.7





#70

Phenanthrene

Concen: 47.39 ng

RT: 11.22 min Scan# 843

Delta R.T. 0.00 min

Lab File: BF089809.D

Acq: 19 Aug 2016 21:20

Instrument :

BNA_F

ClientSampleId :

I-3MSD

Tot Ion:178 Resp: 3490026

Ion Ratio Lower Upper

178 100

176 21.8 16.4 24.6

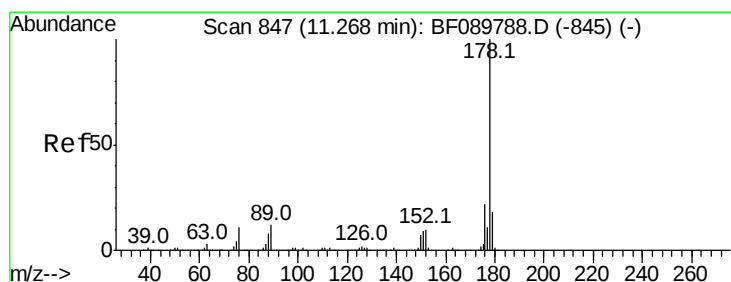
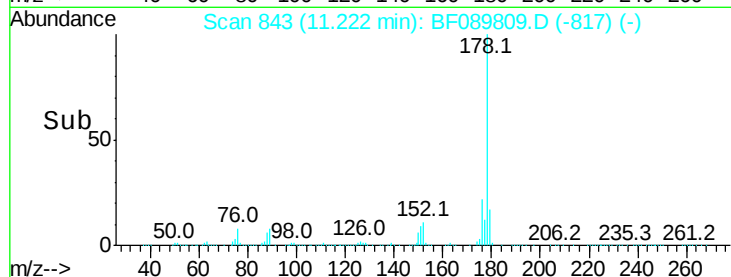
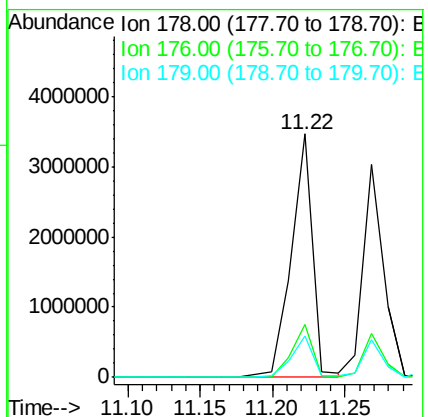
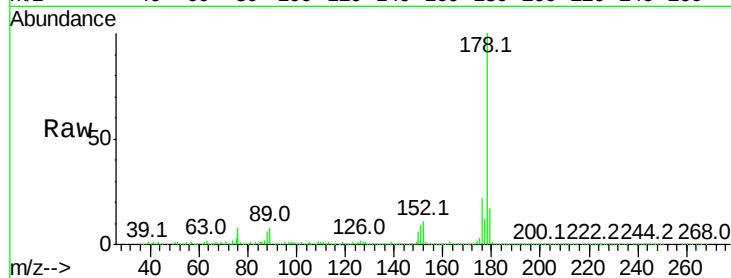
179 17.2 12.5 18.7

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#71

Anthracene

Concen: 40.10 ng

RT: 11.27 min Scan# 847

Delta R.T. 0.00 min

Lab File: BF089809.D

Acq: 19 Aug 2016 21:20

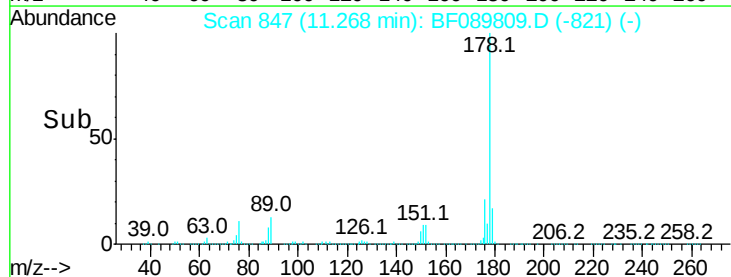
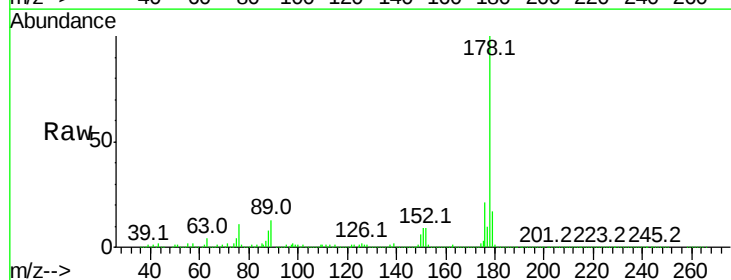
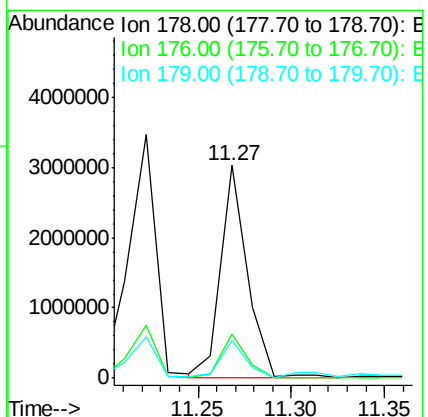
Tgt Ion:178 Resp: 3002156

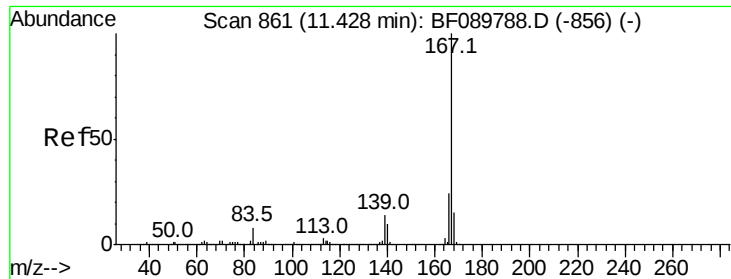
Ion Ratio Lower Upper

178 100

176 20.8 16.4 24.6

179 17.4 13.1 19.7





#72

Carbazole

Concen: 46.41 ng

RT: 11.43 min Scan# 861

Delta R.T. 0.00 min

Lab File: BF089809.D

Acq: 19 Aug 2016 21:20

Instrument :

BNA_F

ClientSampleId :

I-3MSD

Tot Ion:167 Resp: 3116680

Ion Ratio Lower Upper

167 100

166 23.9 17.9 26.9

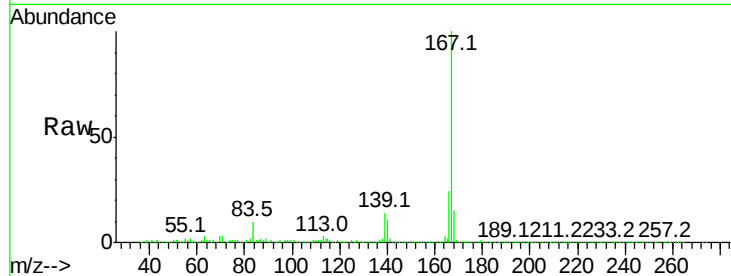
139 14.4 12.4 18.6

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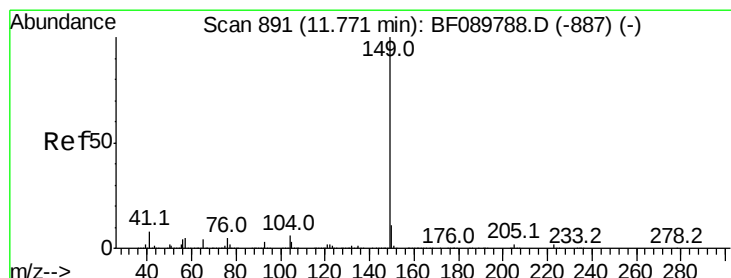
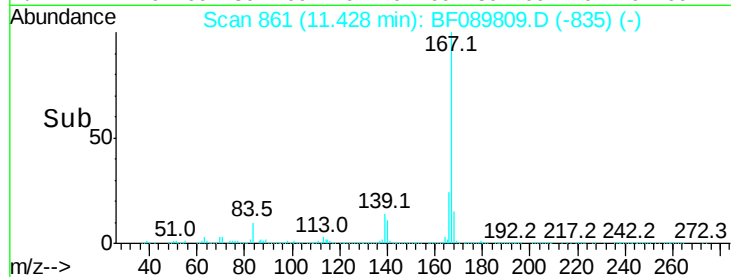
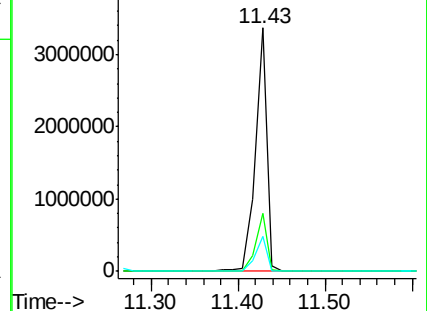
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Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 44.47 ng

RT: 11.78 min Scan# 892

Delta R.T. 0.01 min

Lab File: BF089809.D

Acq: 19 Aug 2016 21:20

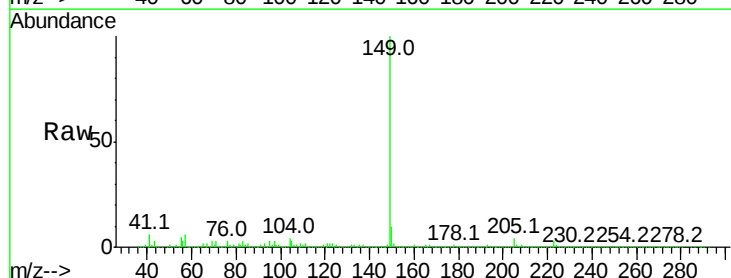
Tgt Ion:149 Resp: 3736591

Ion Ratio Lower Upper

149 100

150 9.9 7.9 11.9

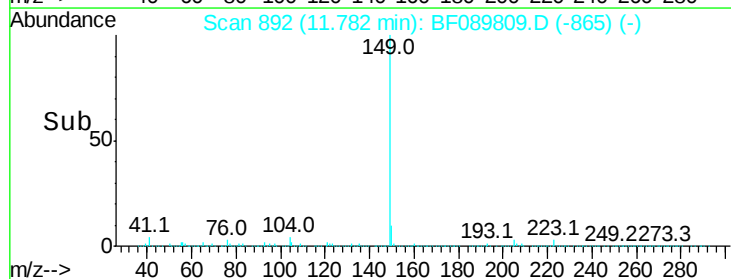
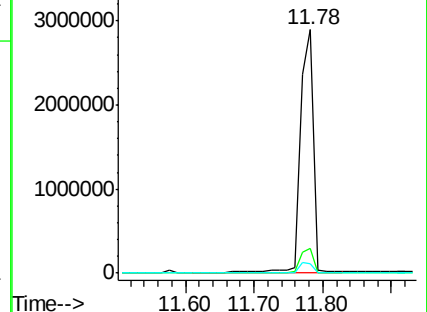
104 4.1 4.3 6.5#

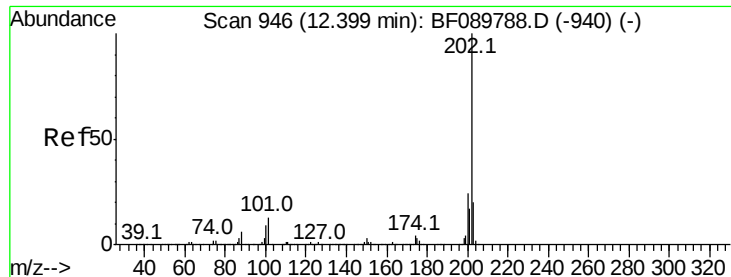


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 36.13 ng

RT: 12.40 min Scan# 946

Delta R.T. 0.00 min

Lab File: BF089809.D

Acq: 19 Aug 2016 21:20

Instrument :

BNA_F

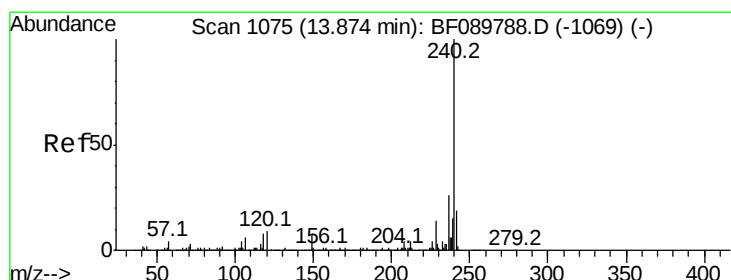
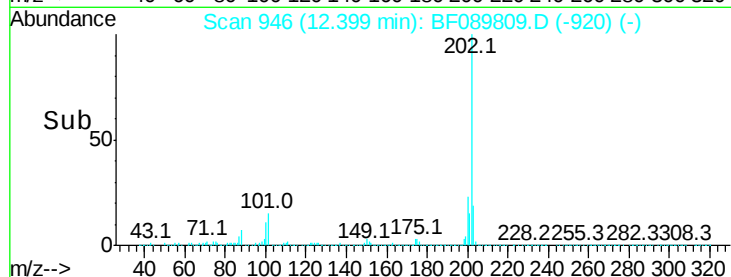
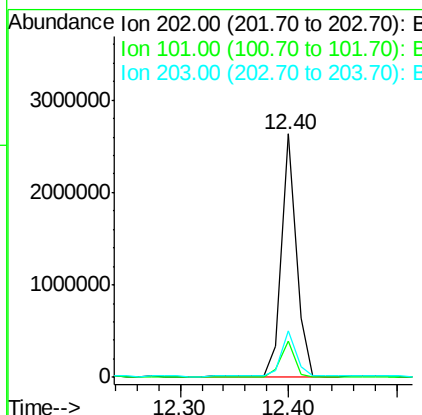
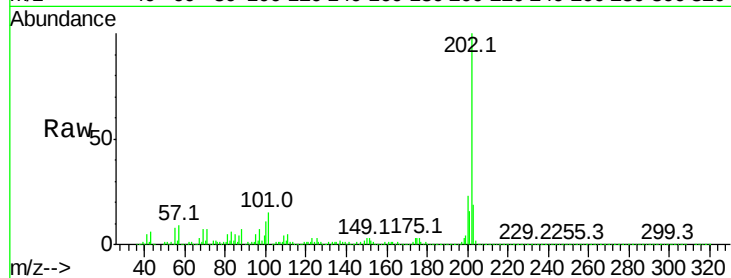
ClientSampleId :

I-3MSD

Tot Ion:	202	Resp:	2530966
Ion	Ratio	Lower	Upper
202	100		
101	15.0	0.0	31.2
203	19.2	0.0	38.1

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#75

Chrysene-d12

Concen: 20.00 ng

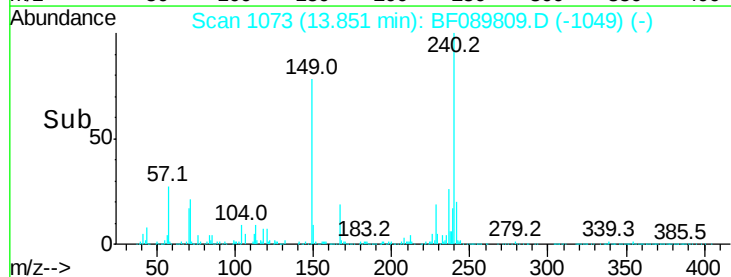
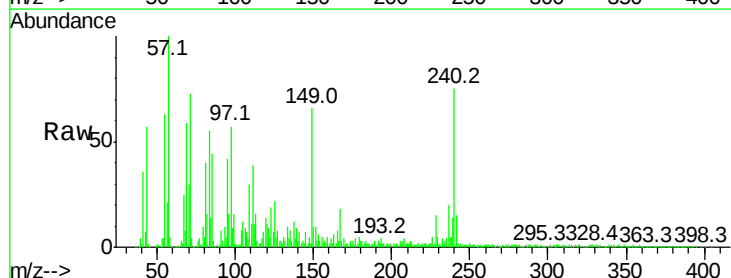
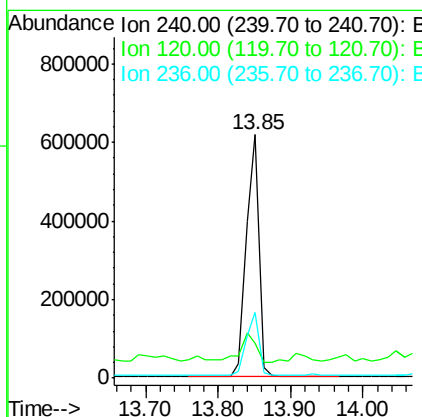
RT: 13.85 min Scan# 1073

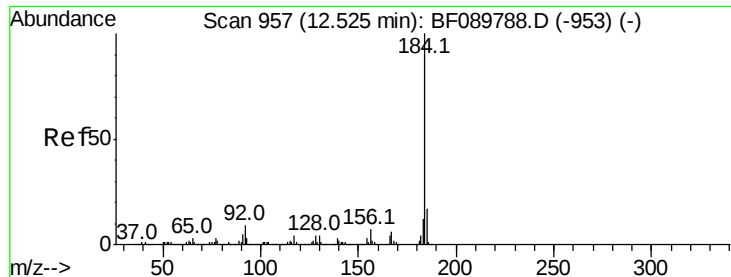
Delta R.T. -0.02 min

Lab File: BF089809.D

Acq: 19 Aug 2016 21:20

Tgt Ion:	240	Resp:	747282
Ion	Ratio	Lower	Upper
240	100		
120	14.5	8.3	12.5#
236	27.0	21.3	31.9





#76

Benzidine

Concen: 27.82 ng

RT: 12.53 min Scan# 957

Delta R.T. 0.00 min

Lab File: BF089809.D

Acq: 19 Aug 2016 21:20

Instrument :

BNA_F

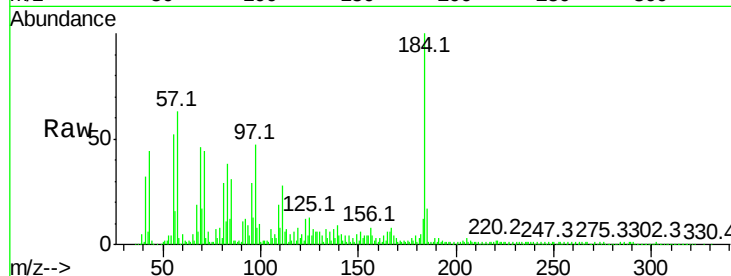
ClientSampleId :

I-3MSD

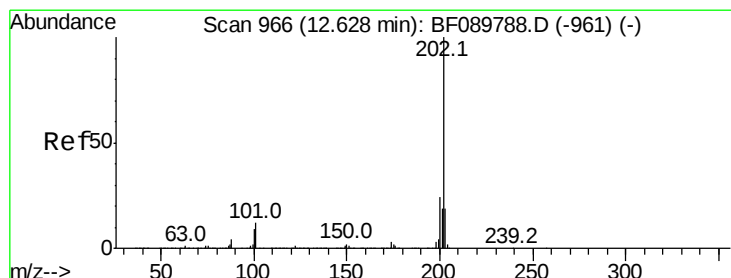
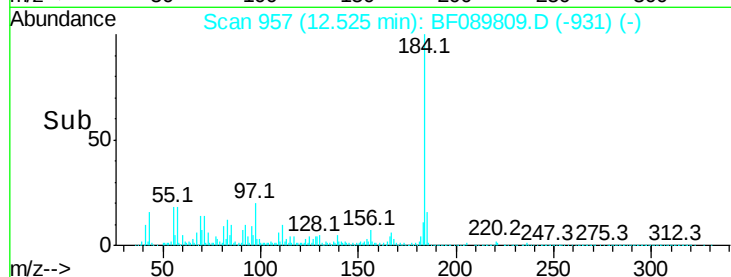
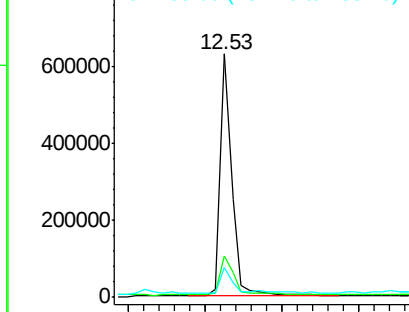
Tot Ion:	184	Resp:	672674
Ion Ratio	Lower	Upper	
184	100		
185	16.9	13.8	20.8
183	12.3	9.7	14.5

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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: 41.26 ng

RT: 12.63 min Scan# 966

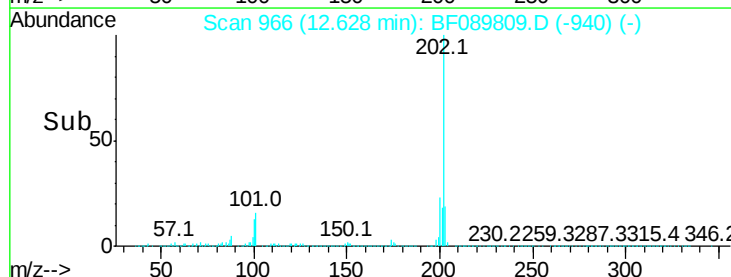
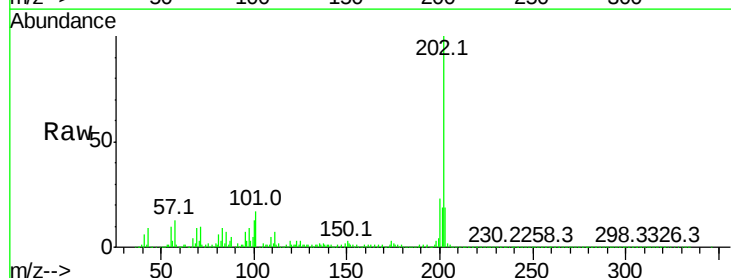
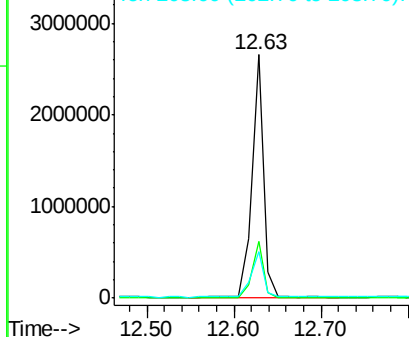
Delta R.T. 0.00 min

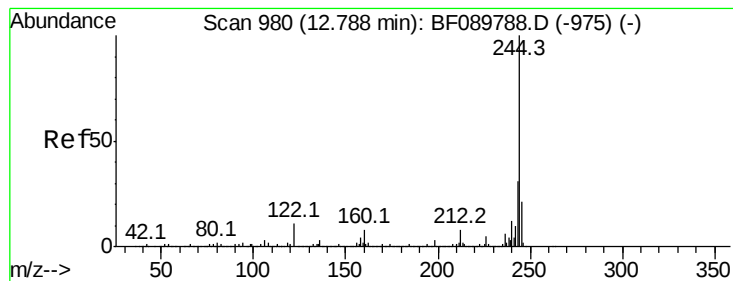
Lab File: BF089809.D

Acq: 19 Aug 2016 21:20

Tgt Ion:	202	Resp:	2511003
Ion Ratio	Lower	Upper	
202	100		
200	23.1	17.8	26.6
203	19.3	14.2	21.4

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: 77.36 ng

RT: 12.79 min Scan# 980

Delta R.T. 0.00 min

Lab File: BF089809.D

Acq: 19 Aug 2016 21:20

Instrument :

BNA_F

ClientSampleId :

I-3MSD

Tot Ion:244 Resp: 2555392

Ion Ratio Lower Upper

244 100

212 7.9 6.3 9.5

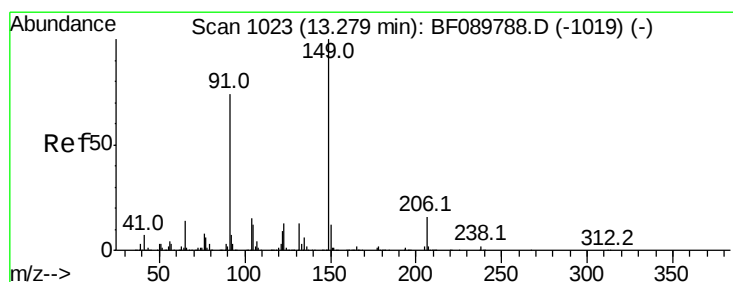
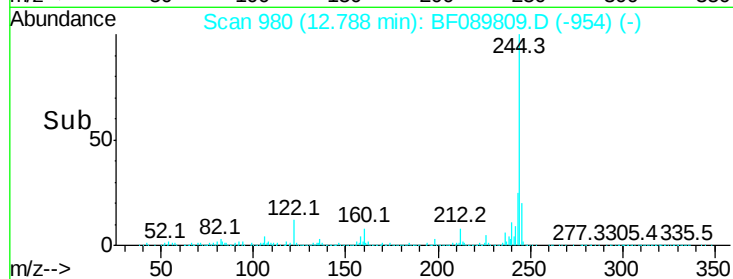
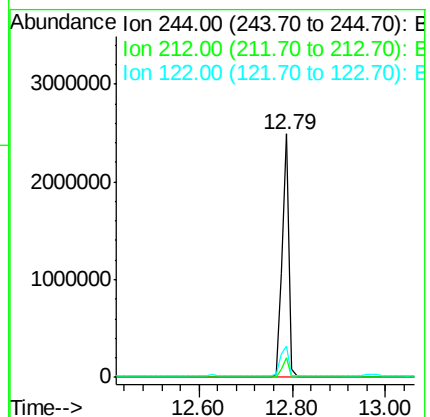
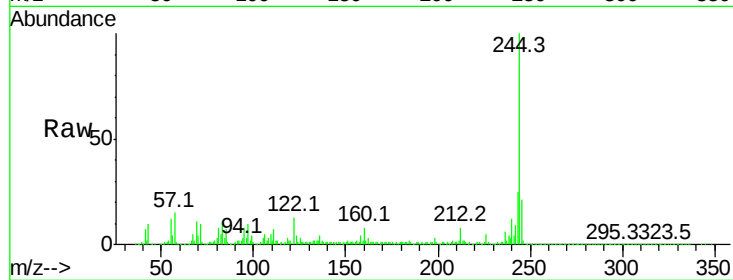
122 12.9 12.0 18.0

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8/22/2016 3:48:15 PM



#79

Butylbenzylphthalate

Concen: 39.13 ng

RT: 13.27 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF089809.D

Acq: 19 Aug 2016 21:20

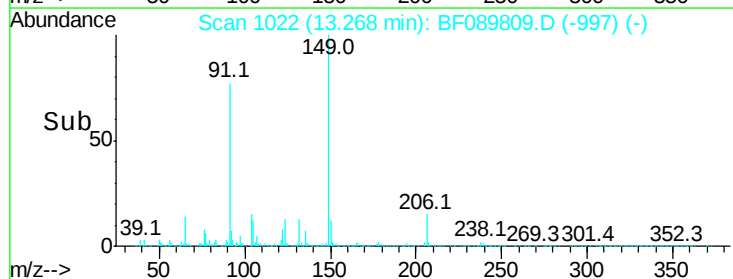
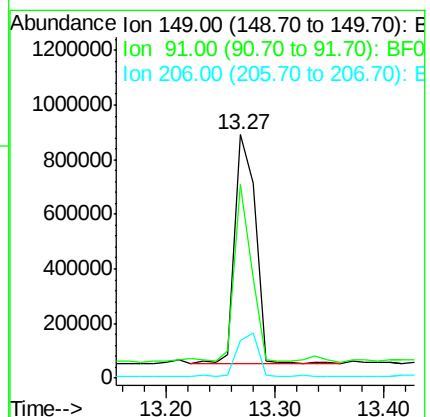
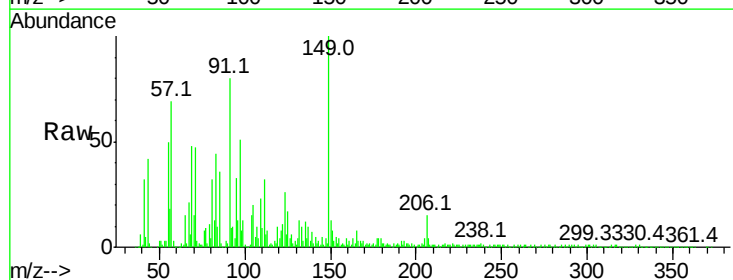
Tgt Ion:149 Resp: 1075283

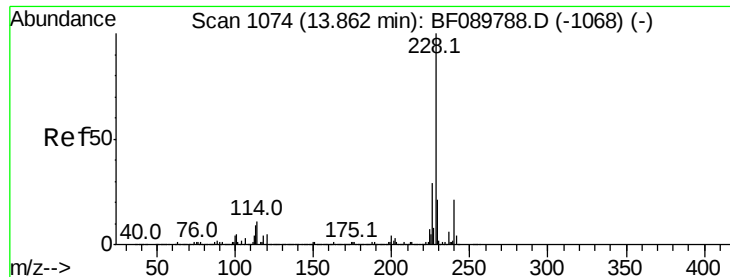
Ion Ratio Lower Upper

149 100

91 79.6 50.7 76.1#

206 15.2 15.5 23.3#





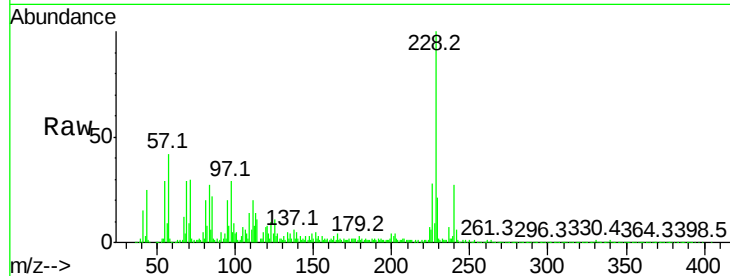
#80
Benzo(a)anthracene
Concen: 43.90 ng
RT: 13.84 min Scan# 1072
Delta R.T. -0.02 min
Lab File: BF089809.D
Acq: 19 Aug 2016 21:20

Instrument :
BNA_F
ClientSampleId :
I-3MSD

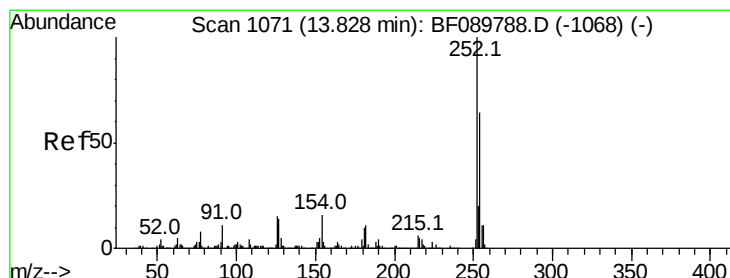
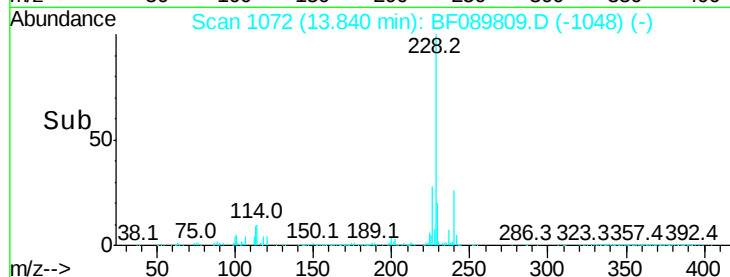
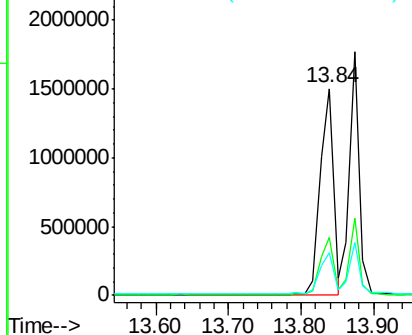
Tot Ion	Ratio	Lower	Upper
228	100		
226	27.9	23.2	34.8
229	20.6	16.2	24.4

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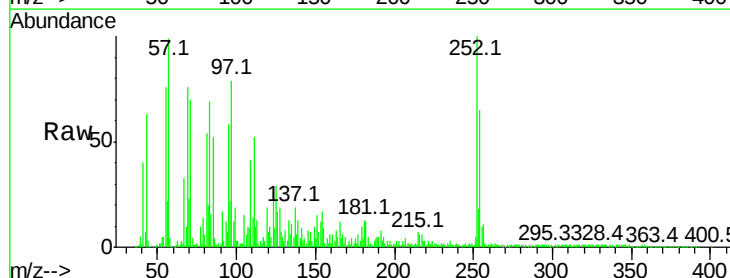


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

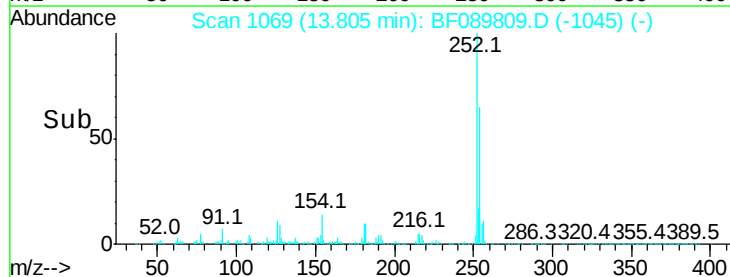
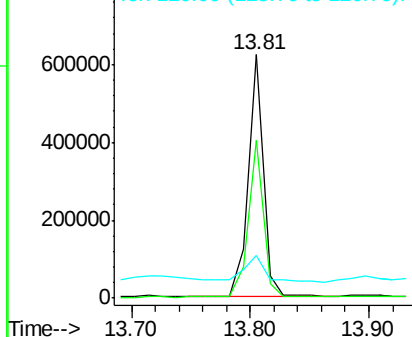


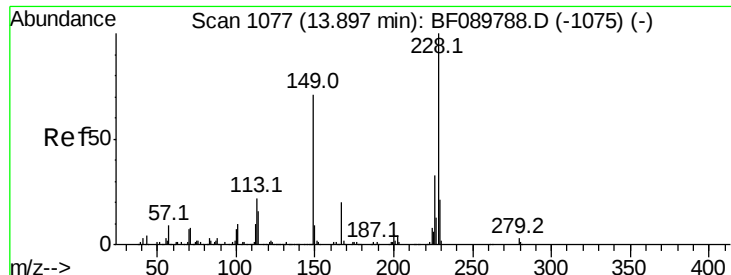
#81
3,3'-Dichlorobenzidine
Concen: 39.49 ng
RT: 13.81 min Scan# 1069
Delta R.T. -0.02 min
Lab File: BF089809.D
Acq: 19 Aug 2016 21:20

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.0	50.6	75.8
126	17.5	12.6	18.8



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





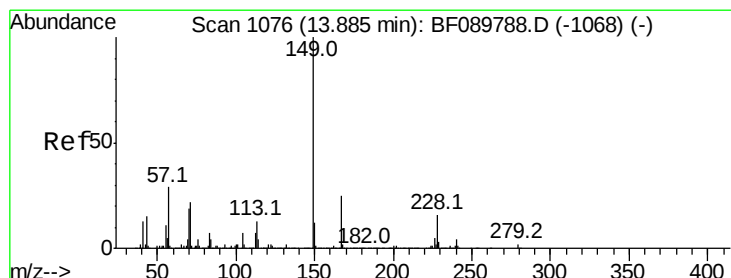
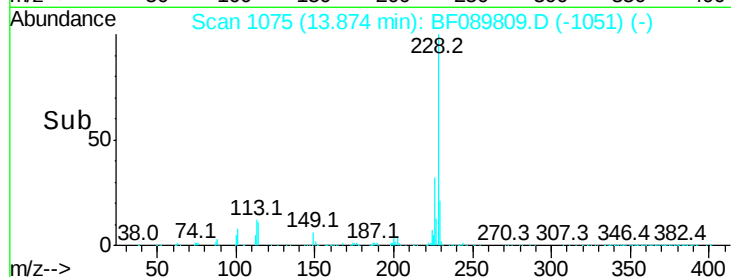
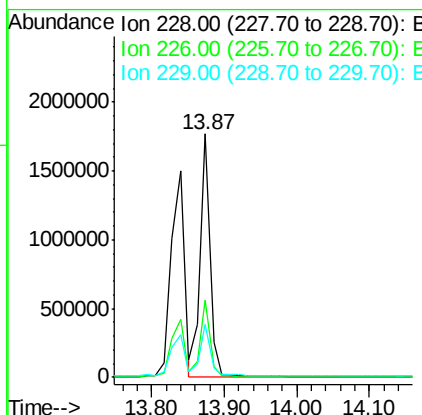
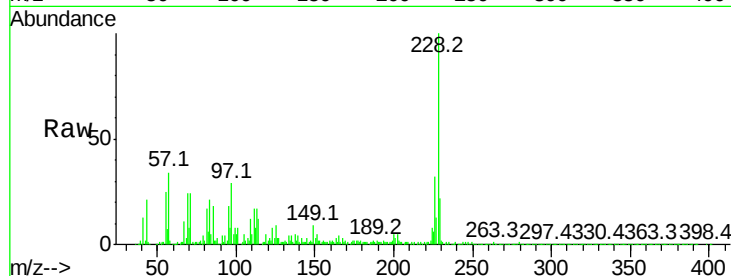
#82
Chrysene
Concen: 45.92 ng
RT: 13.87 min Scan# 1075
Delta R.T. -0.02 min
Lab File: BF089809.D
Acq: 19 Aug 2016 21:20

Instrument :
BNA_F
ClientSampleId :
I-3MSD

Tot Ion:228 Resp: 1684850
Ion Ratio Lower Upper
228 100
226 31.9 25.4 38.0
229 21.7 16.5 24.7

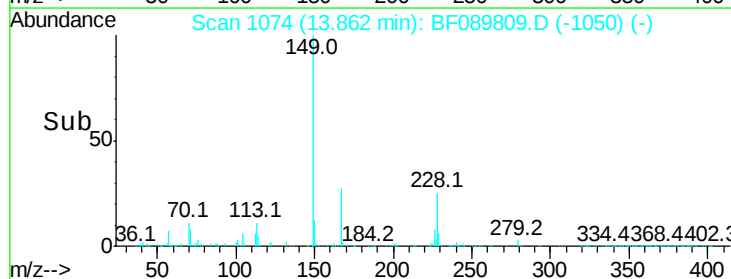
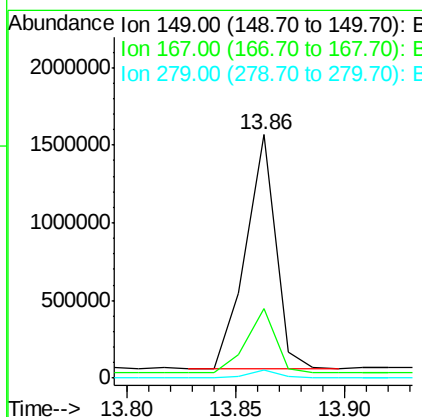
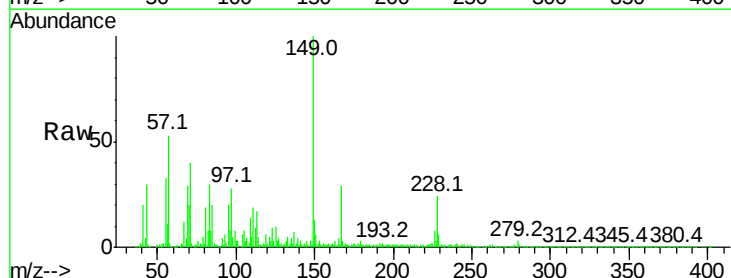
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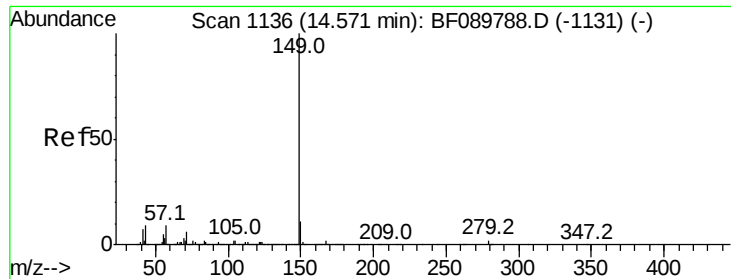
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#83
Bis(2-ethylhexyl)phthalate
Concen: 37.95 ng
RT: 13.86 min Scan# 1074
Delta R.T. -0.02 min
Lab File: BF089809.D
Acq: 19 Aug 2016 21:20

Tgt Ion:149 Resp: 1436965
Ion Ratio Lower Upper
149 100
167 28.7 21.2 31.8
279 3.3 2.9 4.3





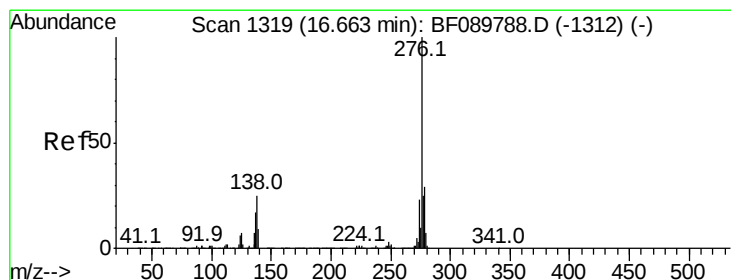
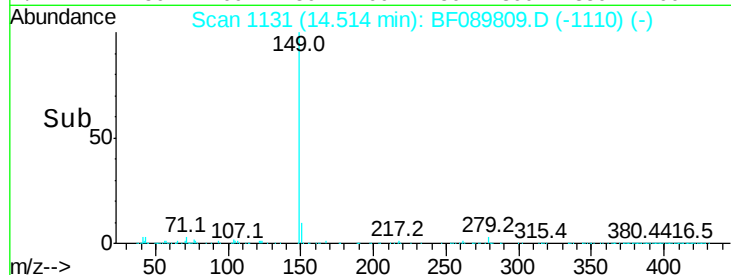
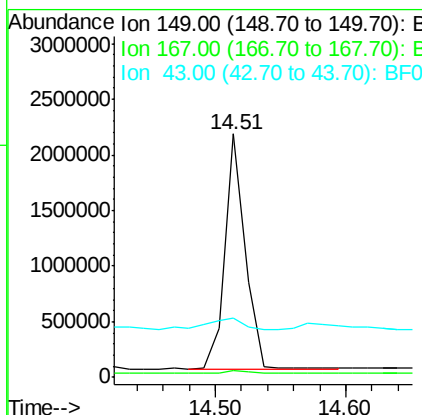
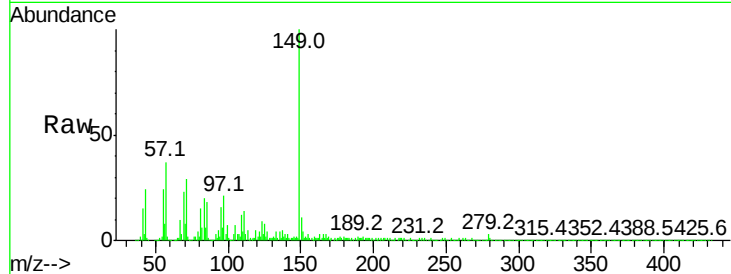
#84
Di-n-octyl phthalate
Concen: 45.03 ng
RT: 14.51 min Scan# 1131
Delta R.T. -0.06 min
Lab File: BF089809.D
Acq: 19 Aug 2016 21:20

Instrument :
BNA_F
ClientSampled :
I-3MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	9.5	8.4	12.6

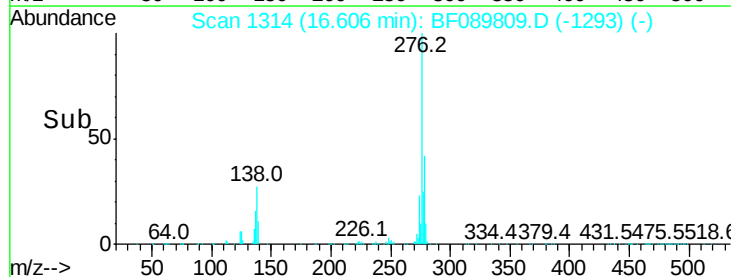
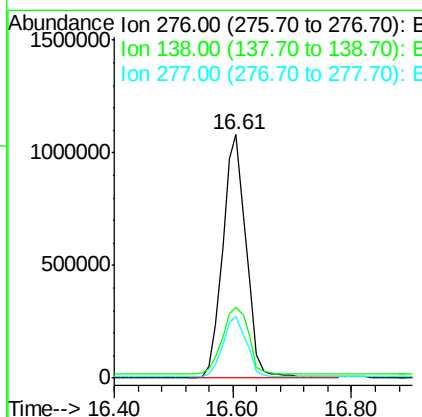
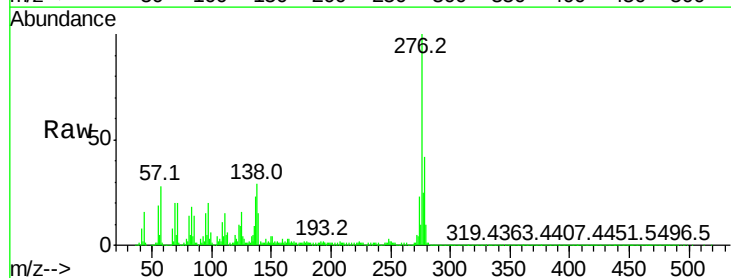
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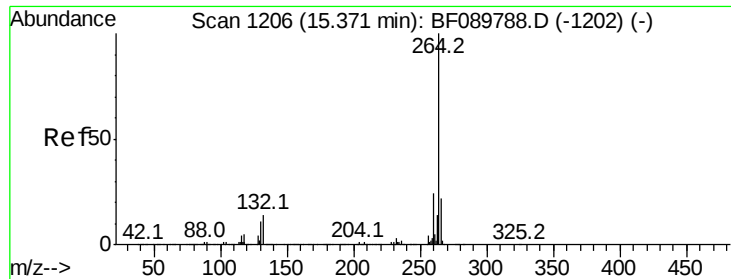
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#85
Indeno(1,2,3-cd)pyrene
Concen: 62.42 ng
RT: 16.61 min Scan# 1314
Delta R.T. -0.06 min
Lab File: BF089809.D
Acq: 19 Aug 2016 21:20

Tgt Ion	Ratio	Lower	Upper
276	100		
138	30.8	24.6	36.8
277	25.3	20.4	30.6





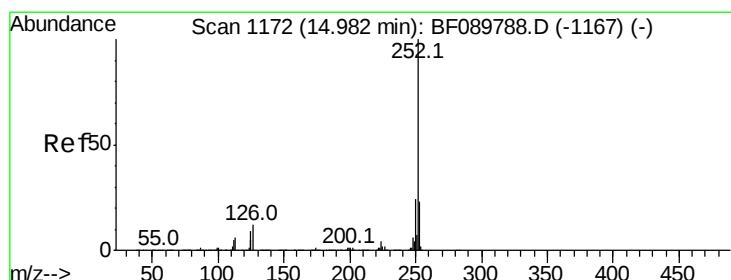
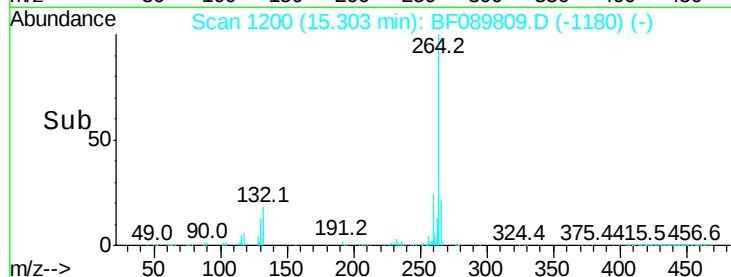
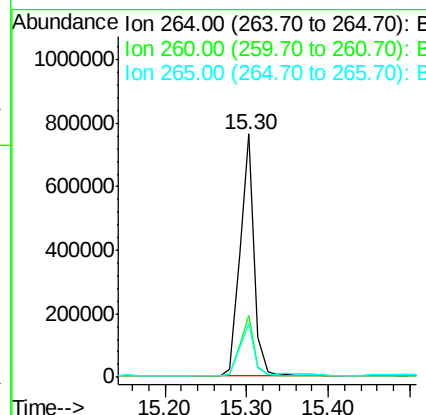
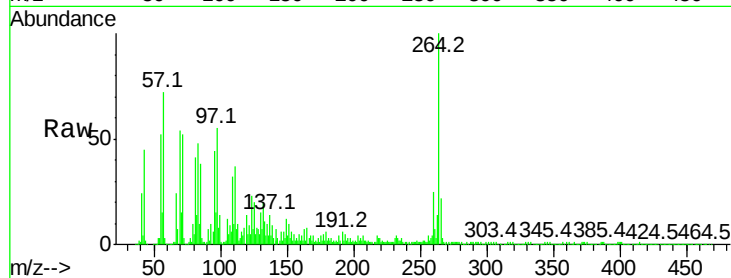
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.30 min Scan# 1200
Delta R.T. -0.07 min
Lab File: BF089809.D
Acq: 19 Aug 2016 21:20

Instrument :
BNA_F
ClientSampled :
I-3MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.2	20.2	30.2
265	22.3	17.4	26.2

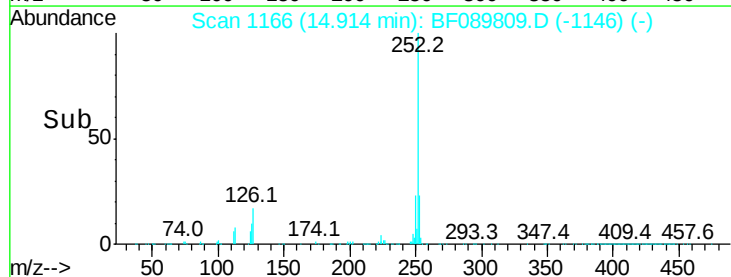
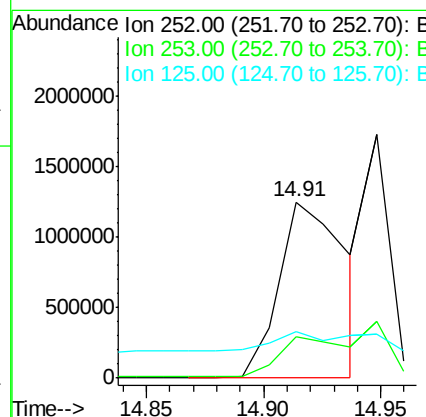
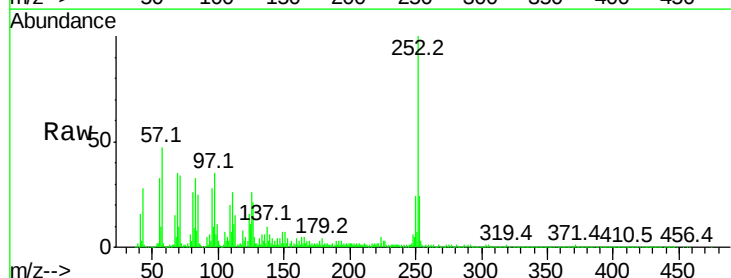
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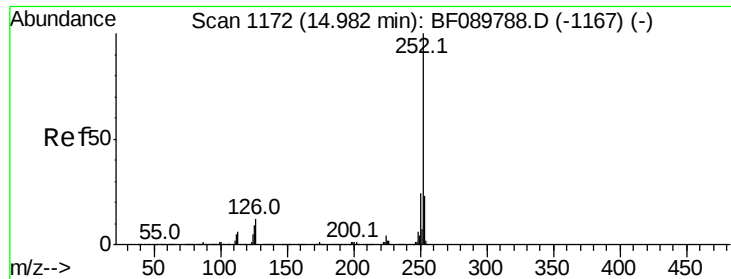
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#87
Benzo(b)fluoranthene
Concen: 49.23 ng m
RT: 14.91 min Scan# 1166
Delta R.T. -0.07 min
Lab File: BF089809.D
Acq: 19 Aug 2016 21:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.8	26.8
125	26.4	11.4	17.2#





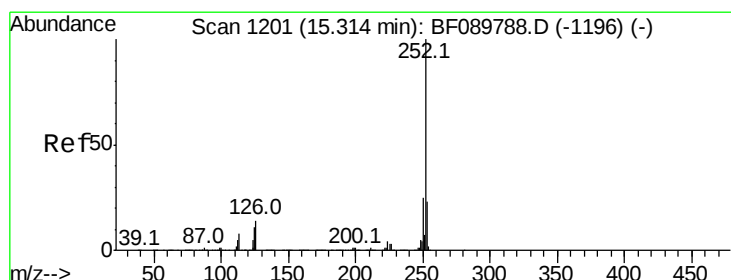
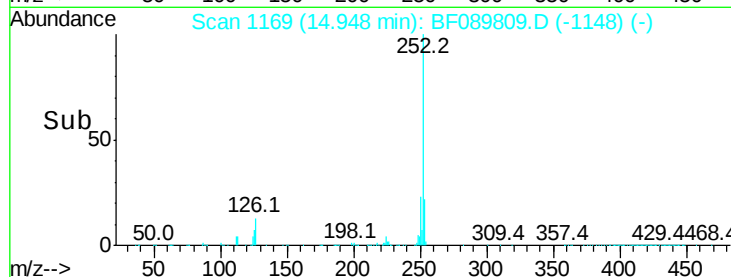
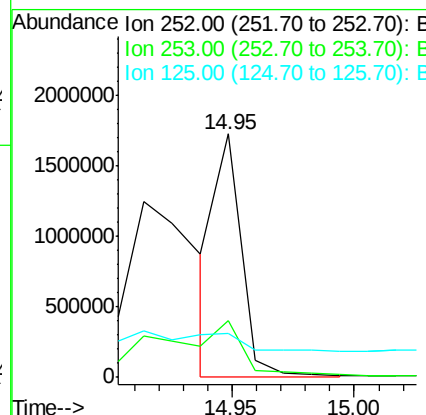
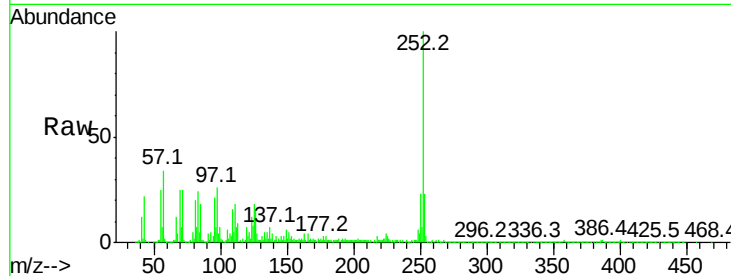
#88
Benzo(k)fluoranthene
Concen: 28.94 ng m
RT: 14.95 min Scan# 1169
Delta R.T. -0.06 min
Lab File: BF089809.D
Acq: 19 Aug 2016 21:20

Instrument :
BNA_F
ClientSampled :
I-3MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.4	27.6
125	18.2	9.8	14.6

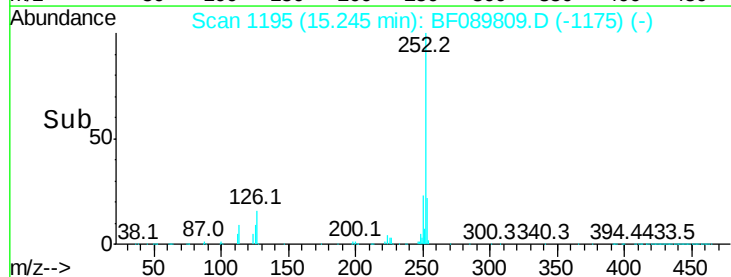
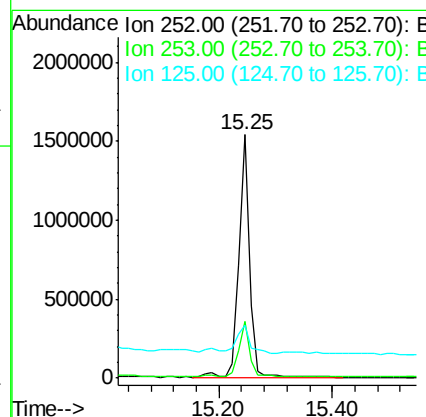
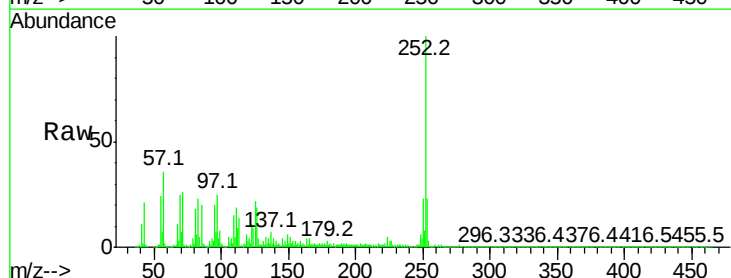
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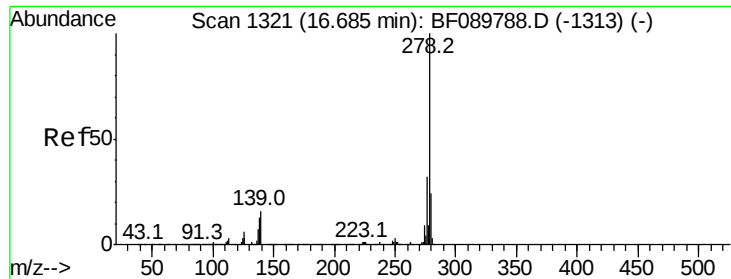
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#89
Benzo(a)pyrene
Concen: 42.43 ng
RT: 15.25 min Scan# 1195
Delta R.T. -0.07 min
Lab File: BF089809.D
Acq: 19 Aug 2016 21:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.8	26.8
125	21.9	11.7	17.5





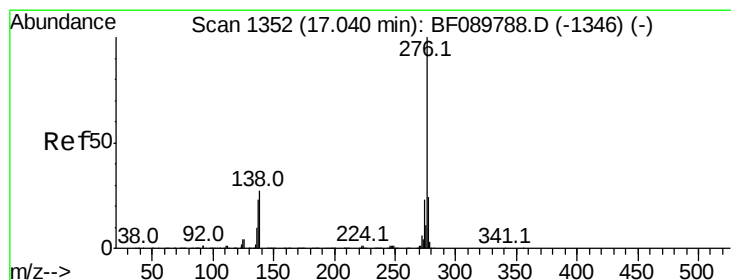
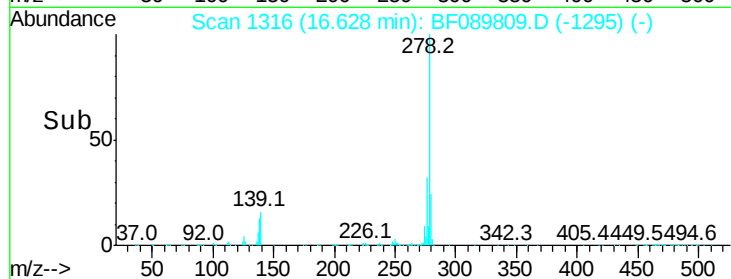
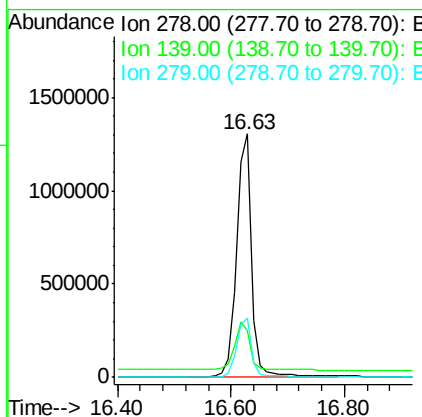
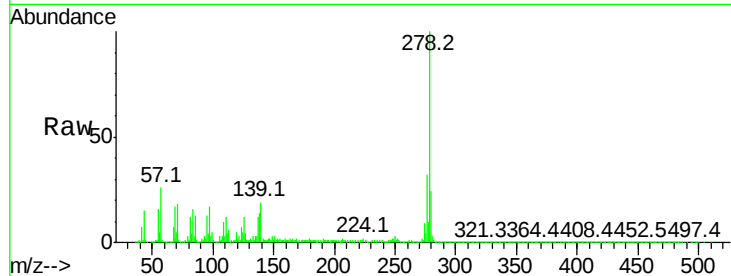
#90
Dibenzo(a,h)anthracene
Concen: 46.86 ng
RT: 16.63 min Scan# 1316
Delta R.T. -0.06 min
Lab File: BF089809.D
Acq: 19 Aug 2016 21:20

Instrument :
BNA_F
ClientSampleId :
I-3MSD

Tot Ion:278 Resp: 2406493
Ion Ratio Lower Upper
278 100
139 19.3 14.9 22.3
279 24.2 19.2 28.8

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#91
Benzo(g,h,i)perylene
Concen: 46.79 ng
RT: 16.99 min Scan# 1348
Delta R.T. -0.05 min
Lab File: BF089809.D
Acq: 19 Aug 2016 21:20

Tgt Ion:276 Resp: 2530216
Ion Ratio Lower Upper
276 100
277 24.9 19.2 28.8
138 26.3 22.1 33.1

