

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082416\
 Data File : BF089880.D
 Acq On : 24 Aug 2016 17:48
 Operator : UM/SJ
 Sample : PB93077BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB93077BS

Manual Integrations
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umangi
 8/25/2016 6:49:45 PM

Quant Time: Aug 25 13:55:14 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 19 14:02:57 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	422247	20.00	ng	-0.01
21) Naphthalene-d8	7.95	136	1696644	20.00	ng	-0.02
38) Acenaphthene-d10	9.70	164	764868	20.00	ng	-0.01
63) Phenanthrene-d10	11.19	188	1476300	20.00	ng	0.00
75) Chrysene-d12	13.82	240	1126682	20.00	ng	-0.06
86) Perylene-d12	15.22	264	967288	20.00	ng	-0.15

System Monitoring Compounds

5) 2-Fluorophenol	5.24	112	3202070	130.05	ng	-0.01
7) Phenol-d6	6.31	99	3806786	125.95	ng	-0.01
23) Nitrobenzene-d5	7.23	82	2203381	80.68	ng	-0.02
41) 2,4,6-Tribromophenol	10.50	330	937712	129.00	ng	0.00
44) 2-Fluorobiphenyl	9.04	172	3662703	84.16	ng	-0.01
78) Terphenyl-d14	12.78	244	3480749	69.89	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.19	88	406899	33.39	ng	# 95
3) Pyridine	2.82	79	1125112	35.20	ng	92
4) n-Nitrosodimethylamine	2.79	42	516132	43.38	ng	# 82
6) Aniline	6.33	93	1348107	33.25	ng	# 85
8) 2-Chlorophenol	6.46	128	1213130	41.20	ng	# 76
9) Benzaldehyde	6.20	77	269651	13.70	ng	86
10) Phenol	6.32	94	1214566	34.29	ng	84
11) bis(2-Chloroethyl)ether	6.41	93	1144901	41.68	ng	100
12) 1,3-Dichlorobenzene	6.60	146	1208762	39.27	ng	98
13) 1,4-Dichlorobenzene	6.68	146	1268317	40.08	ng	98
14) 1,2-Dichlorobenzene	6.84	146	1164897	39.44	ng	97
15) Benzyl Alcohol	6.82	79	925902	46.19	ng	# 89
16) 2,2'-oxybis(1-Chloropropan	6.96	45	1266301	36.02	ng	93
17) 2-Methylphenol	6.94	107	1034403	44.85	ng	96
18) Hexachloroethane	7.19	117	465536	41.25	ng	90
19) n-Nitroso-di-n-propylamine	7.10	70	778541	40.28	ng	91
20) 3+4-Methylphenols	7.10	107	1284306	45.42	ng	# 48
22) Acetophenone	7.08	105	1433850	36.80	ng	# 90
24) Nitrobenzene	7.26	77	1306045	42.62	ng	94
25) Isophorone	7.50	82	2195049	39.85	ng	98
26) 2-Nitrophenol	7.58	139	690888	45.19	ng	98
27) 2,4-Dimethylphenol	7.62	122	1223103	44.39	ng	98
28) bis(2-Chloroethoxy)methane	7.71	93	1382683	40.57	ng	98
29) 2,4-Dichlorophenol	7.82	162	1075829	46.53	ng	98
30) 1,2,4-Trichlorobenzene	7.90	180	995103	38.91	ng	98
31) Naphthalene	7.98	128	3259156	41.10	ng	98
32) Benzoic acid	7.74	122	589394	27.45	ng	99
33) 4-Chloroaniline	8.02	127	716774	20.85	ng	# 86
34) Hexachlorobutadiene	8.10	225	514683	38.43	ng	98
35) Caprolactam	8.40	113	299870m	42.59	ng	
36) 4-Chloro-3-methylphenol	8.51	107	1065541	42.56	ng	91
37) 2-Methylnaphthalene	8.67	142	2276676	44.38	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	715287	28.88	ng	98
40) Hexachlorocyclopentadiene	8.83	237	923477	107.39	ng	98

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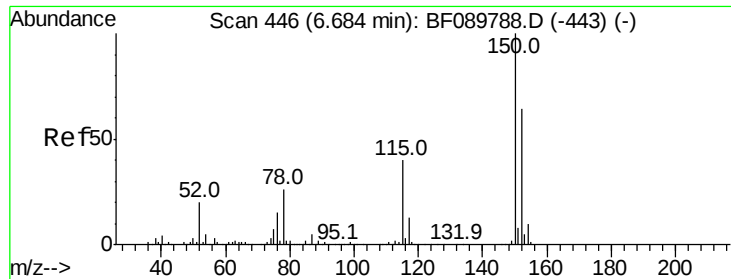
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Quant Time: Aug 25 13:55:14 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081916.M
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 QLast Update : Fri Aug 19 14:02:57 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.95	196	669486	42.96	nq	99
43) 2,4,5-Trichlorophenol	8.99	196	681228	43.96	nq	95
45) 1,1'-Biphenyl	9.13	154	2202914	37.22	nq	98
46) 2-Chloronaphthalene	9.15	162	1866869	39.90	nq	97
47) 2-Nitroaniline	9.26	65	624577	46.80	nq	# 66
48) Acenaphthylene	9.56	152	2928314	41.65	nq	99
49) Dimethylphthalate	9.45	163	2419926	44.93	nq	# 99
50) 2,6-Dinitrotoluene	9.50	165	491458	39.53	nq	91
51) Acenaphthene	9.74	154	2159337	46.41	nq	99
52) 3-Nitroaniline	9.67	138	433354	31.46	nq	# 65
53) 2,4-Dinitrophenol	9.77	184	513156	72.91	nq	# 78
54) Dibenzofuran	9.92	168	2815344	48.17	nq	# 87
55) 4-Nitrophenol	9.83	139	885580	78.76	nq	91
56) 2,4-Dinitrotoluene	9.90	165	650457	40.32	nq	# 69
57) Fluorene	10.25	166	1874098	40.24	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.03	232	569753	50.51	nq	97
59) Diethylphthalate	10.15	149	2398445	43.84	nq	98
60) 4-Chlorophenyl-phenylether	10.25	204	839882	39.53	nq	97
61) 4-Nitroaniline	10.27	138	593732	45.97	nq	95
62) Azobenzene	10.41	77	2320780	45.12	nq	94
64) 4,6-Dinitro-2-methylphenol	10.31	198	362208	42.70	nq	# 66
65) n-Nitrosodiphenylamine	10.38	169	2075914	44.72	nq	100
66) 4-Bromophenyl-phenylether	10.74	248	634795	41.01	nq	# 89
67) Hexachlorobenzene	10.80	284	686089	38.86	nq	# 88
68) Atrazine	10.90	200	531854	37.41	nq	95
69) Pentachlorophenol	10.99	266	727576	72.70	nq	98
70) Phenanthrene	11.21	178	3233305	43.36	nq	97
71) Anthracene	11.26	178	2933579	38.70	nq	99
72) Carbazole	11.42	167	3017455	44.39	nq	97
73) Di-n-butylphthalate	11.77	149	3693085	43.42	nq	# 97
74) Fluoranthene	12.39	202	2928598	41.29	nq	94
76) Benzidine	12.51	184	1350691	37.04	nq	97
77) Pyrene	12.62	202	3264533	35.58	nq	97
79) Butylbenzylphthalate	13.26	149	1744739	42.11	nq	98
80) Benzo(a)anthracene	13.81	228	2719330	42.15	nq	99
81) 3,3'-Dichlorobenzidine	13.78	252	692934	32.76	nq	# 93
82) Chrysene	13.84	228	2345888	42.41	nq	100
83) Bis(2-ethylhexyl)phthalate	13.83	149	2190889	38.38	nq	98
84) Di-n-octyl phthalate	14.47	149	3885959	51.23	nq	# 93
85) Indeno(1,2,3-cd)pyrene	16.50	276	2248361	31.86	nq	100
87) Benzo(b)fluoranthene	14.85	252	2951178m	55.46	nq	
88) Benzo(k)fluoranthene	14.88	252	1724079m	35.71	nq	
89) Benzo(a)pyrene	15.17	252	2116977	42.03	nq	98
90) Dibenzo(a,h)anthracene	16.51	278	1900032	34.76	nq	96
91) Benzo(g,h,i)perylene	16.88	276	1921539	33.38	nq	99

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



#1

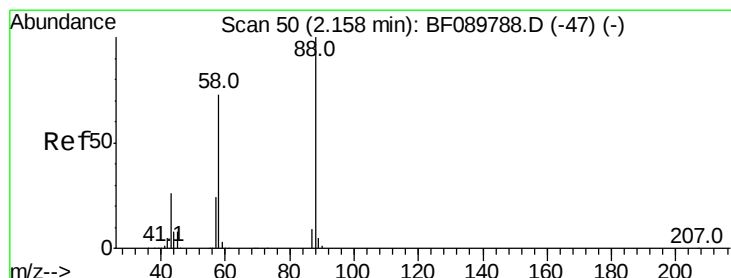
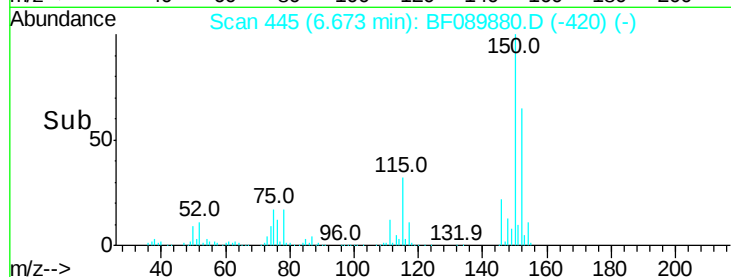
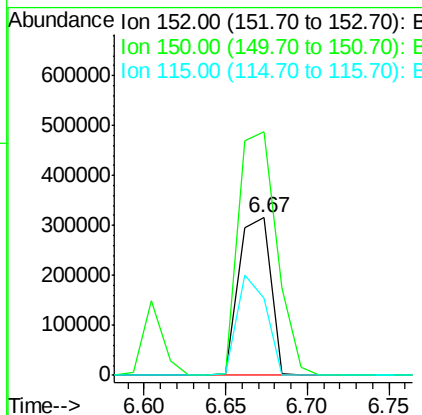
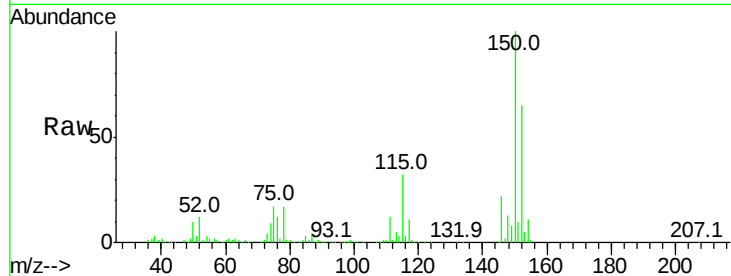
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.67 min Scan# 445
Delta R.T. -0.01 min
Lab File: BF089880.D
Acq: 24 Aug 2016 17:48

Instrument :
BNA_F
ClientSampleId :
PB93077BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.5	125.3	187.9
115	49.0	40.9	61.3

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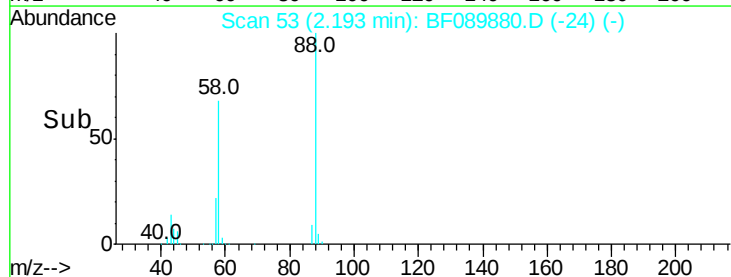
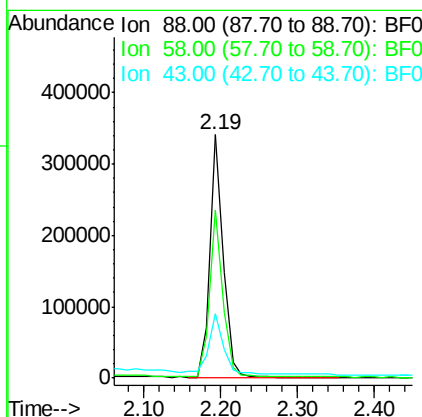
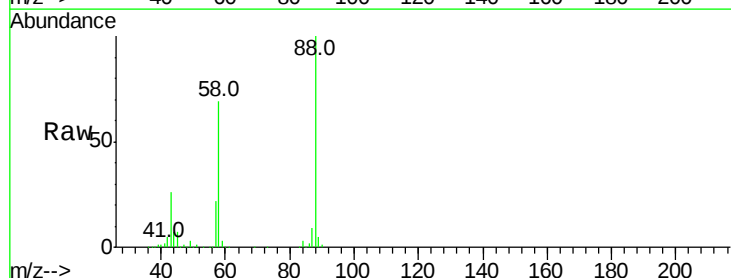
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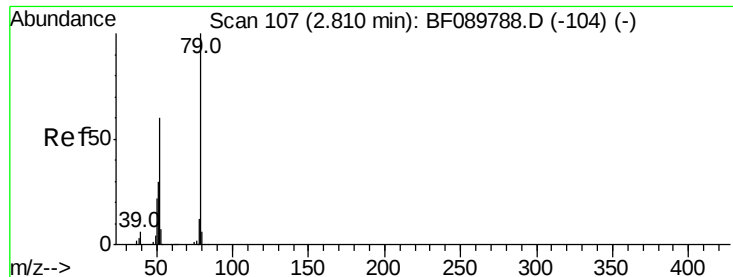


#2

1,4-Dioxane
Concen: 33.39 ng
RT: 2.19 min Scan# 53
Delta R.T. 0.03 min
Lab File: BF089880.D
Acq: 24 Aug 2016 17:48

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.2	57.0	85.4
43	32.9	21.8	32.8#





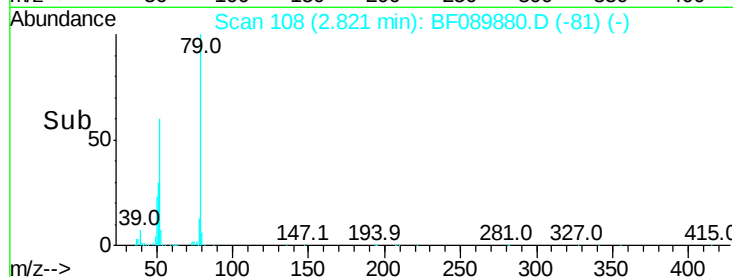
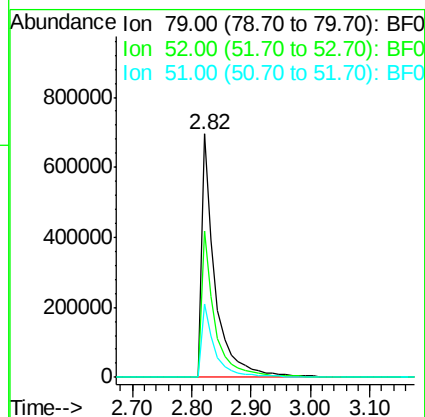
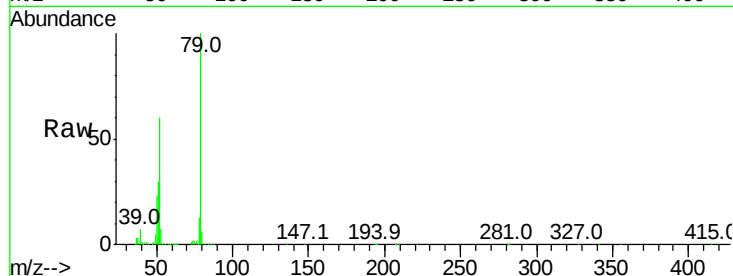
#3
 Pvridine
 Concen: 35.20 ng
 RT: 2.82 min Scan# 108
 Delta R.T. 0.01 min
 Lab File: BF089880.D
 Acq: 24 Aug 2016 17:48

Instrument :
 BNA_F
 ClientSampleId :
 PB93077BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	60.1	53.6	80.4
51	30.2	26.6	39.8

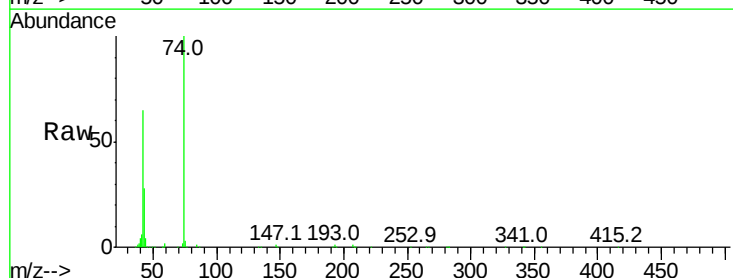
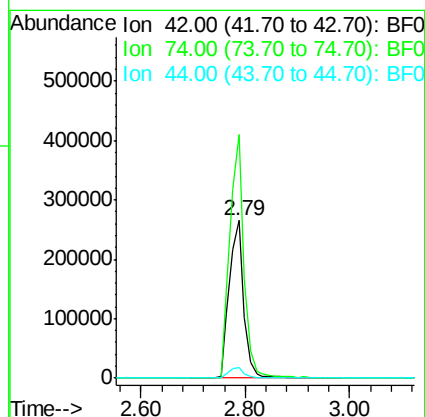
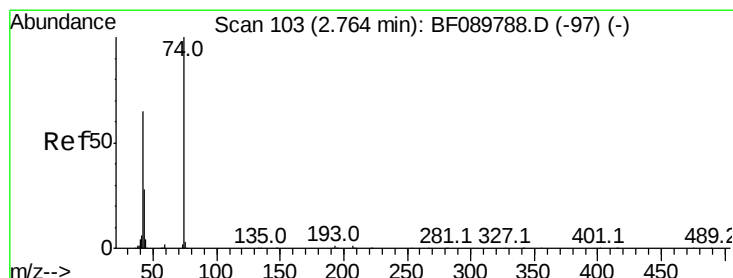
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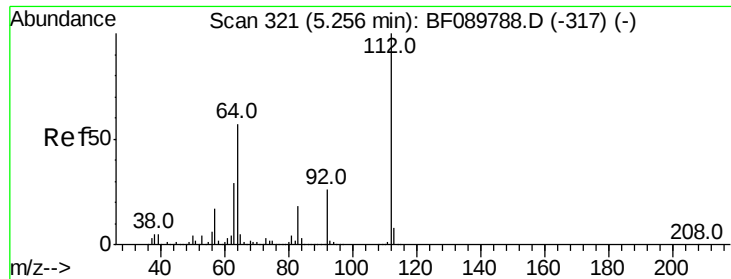
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#4
 n-Nitrosodimethylamine
 Concen: 43.38 ng
 RT: 2.79 min Scan# 105
 Delta R.T. 0.02 min
 Lab File: BF089880.D
 Acq: 24 Aug 2016 17:48

Tgt Ion	Ratio	Lower	Upper
42	100		
74	154.7	106.2	159.2
44	6.6	6.9	10.3#





#5

2-Fluorophenol

Concen: 130.05 ng

RT: 5.24 min Scan# 320

Delta R.T. -0.01 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

Instrument :

BNA_F

ClientSampleId :

PB93077BS

Tot Ion:112 Resp: 3202070

Ion Ratio Lower Upper

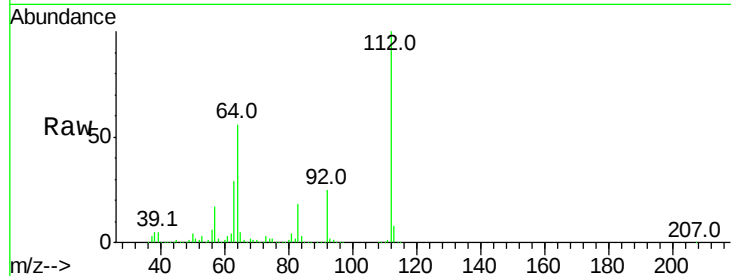
112 100

64 56.3 45.0 67.4

63 28.6 23.1 34.7

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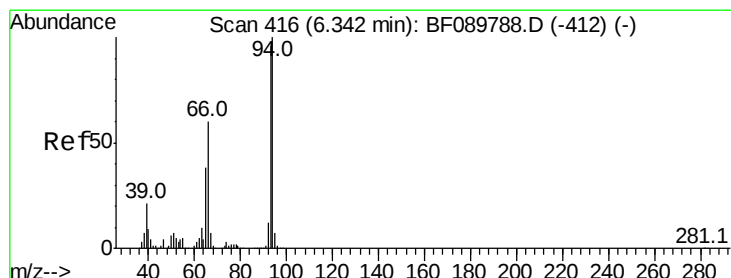
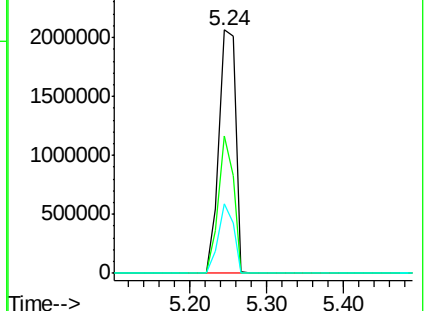
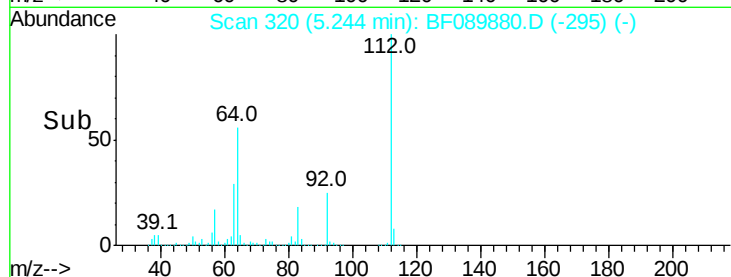
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 33.25 ng

RT: 6.33 min Scan# 415

Delta R.T. -0.01 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

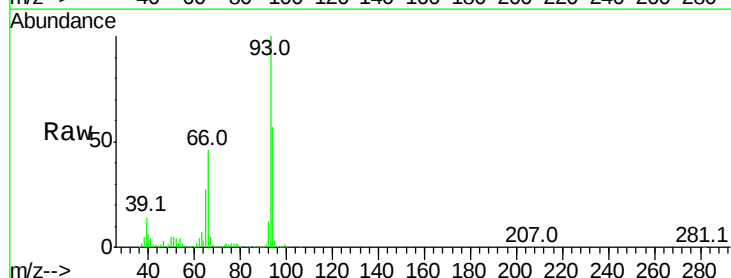
Tgt Ion: 93 Resp: 1348107

Ion Ratio Lower Upper

93 100

66 46.4 30.6 46.0#

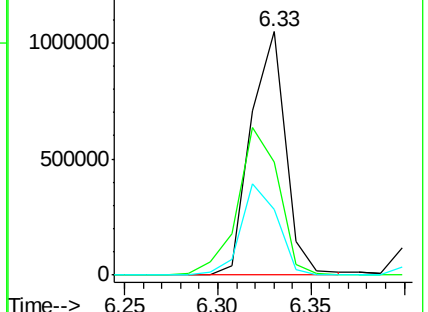
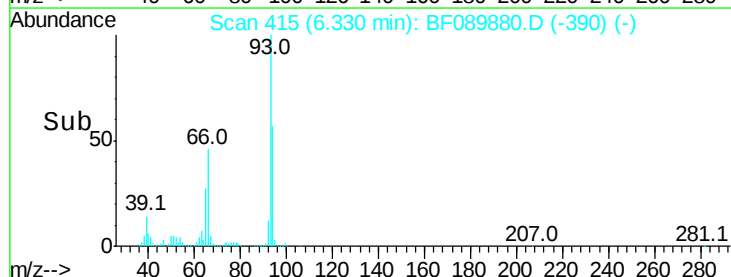
65 26.9 15.4 23.2#

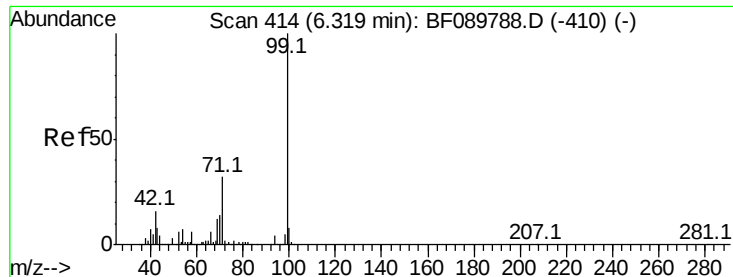


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 125.95 ng

RT: 6.31 min Scan# 413

Delta R.T. -0.01 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

Instrument :

BNA_F

ClientSampleId :

PB93077BS

Tot Ion: 99 Resp: 3806786

Ion Ratio Lower Upper

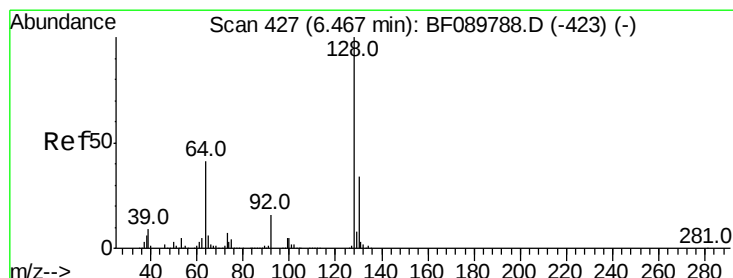
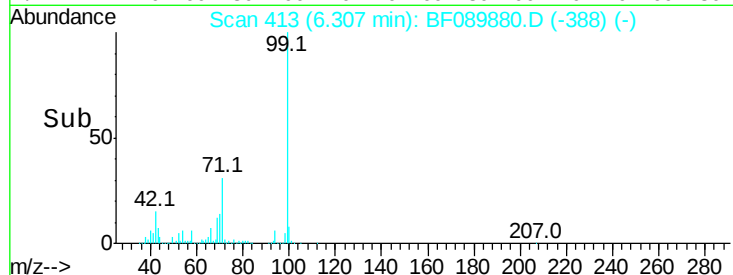
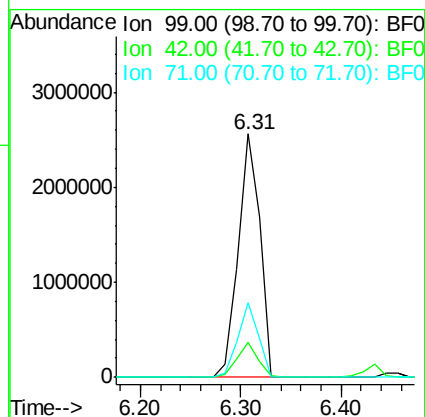
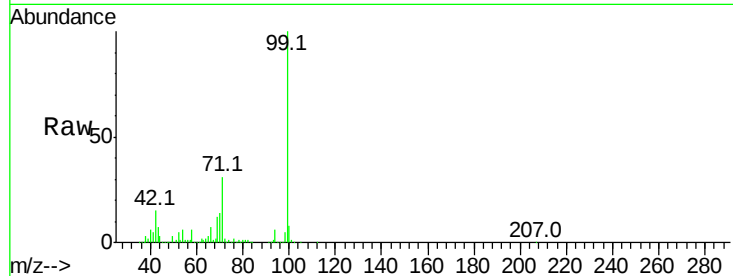
99 100

42 14.6 12.2 18.4

71 30.7 23.8 35.8

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#8

2-Chlorophenol

Concen: 41.20 ng

RT: 6.46 min Scan# 426

Delta R.T. -0.01 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

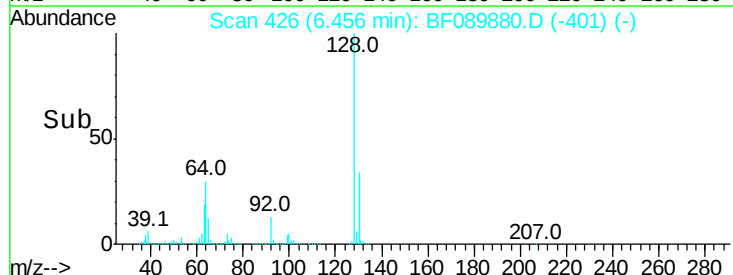
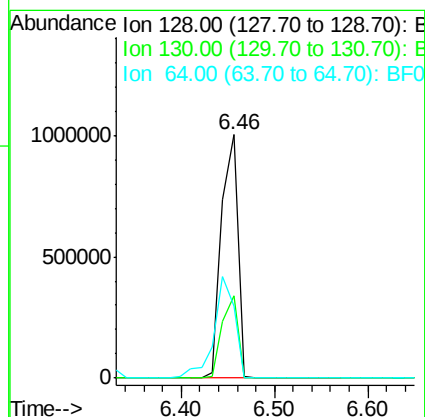
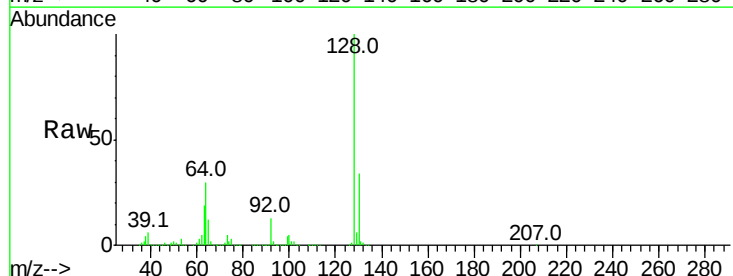
Tgt Ion: 128 Resp: 1213130

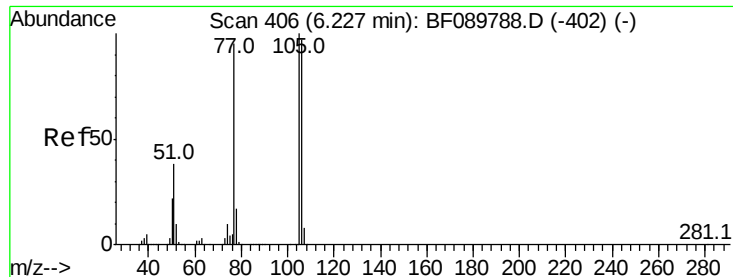
Ion Ratio Lower Upper

128 100

130 34.0 12.0 52.0

64 29.5 35.1 75.1#





#9

Benzaldehyde

Concen: 13.70 ng

RT: 6.20 min Scan# 404

Delta R.T. -0.02 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

Instrument :

BNA_F

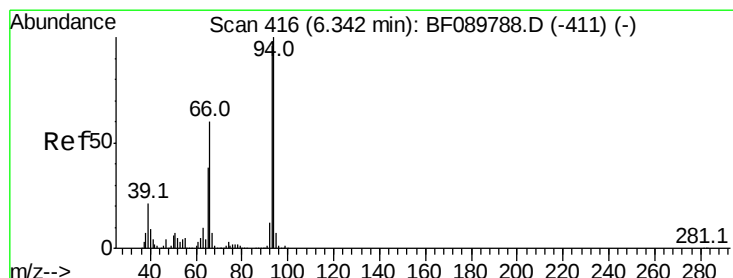
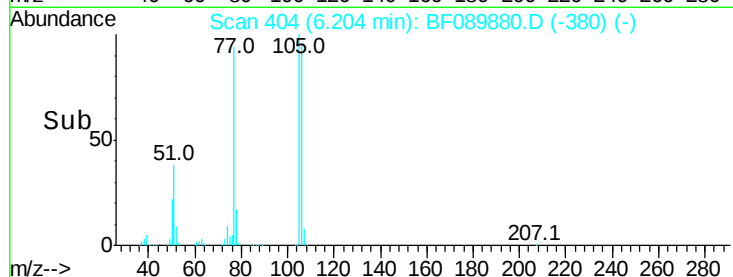
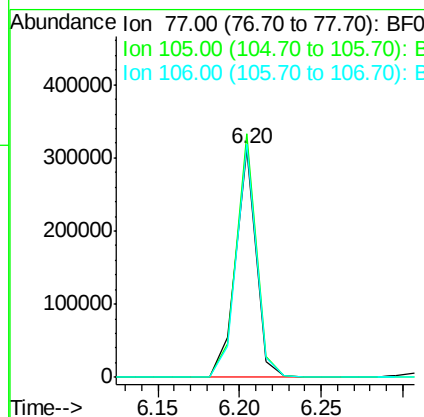
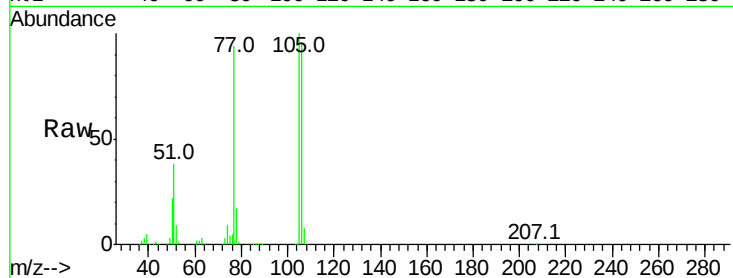
ClientSampleId :

PB93077BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	106.4	73.3	113.3		
106	102.0	68.6	108.6		

Manual Integrations
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#10

Phenol

Concen: 34.29 ng

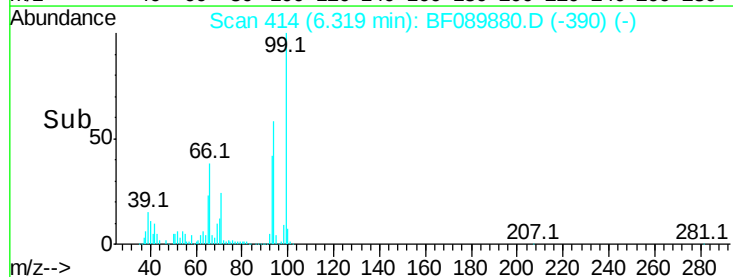
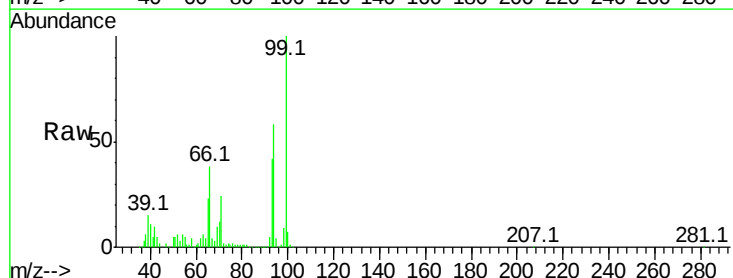
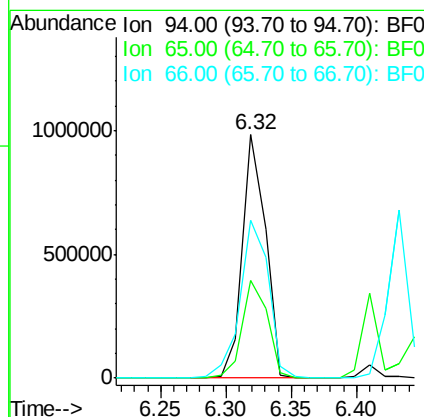
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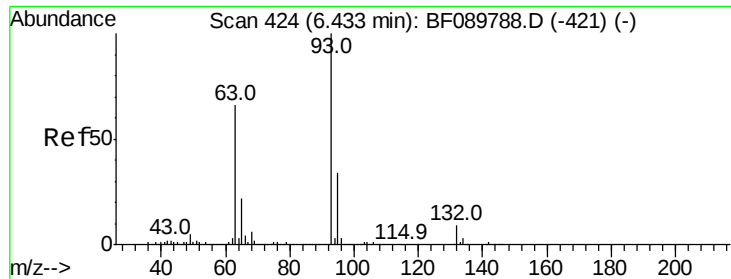
Delta R.T. -0.02 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	40.0	14.0	54.0		
66	64.7	31.2	71.2		





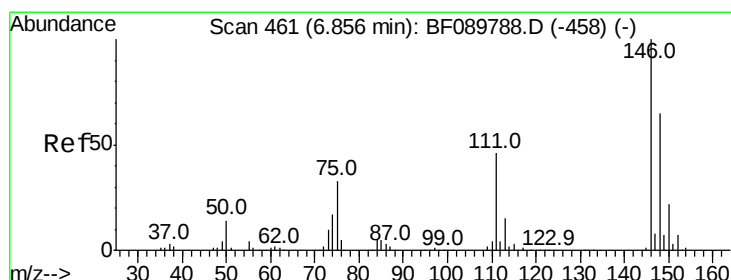
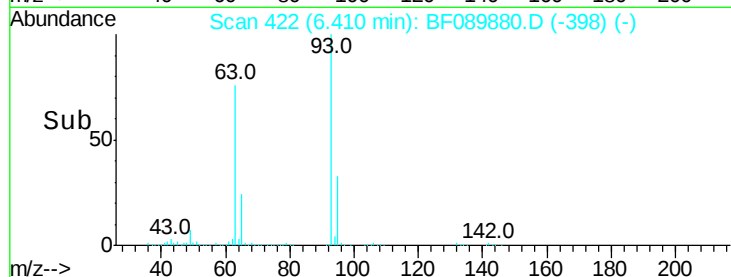
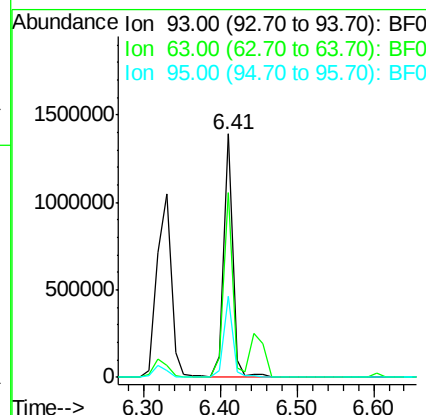
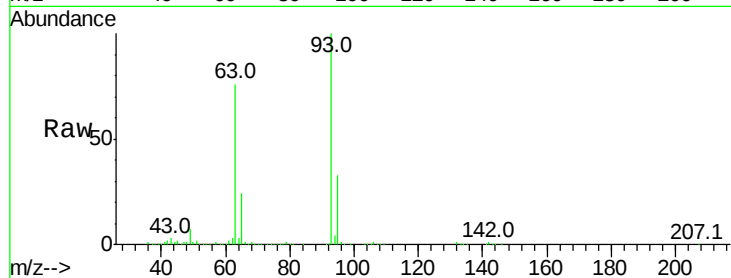
#11
bis(2-Chloroethyl)ether
Concen: 41.68 ng
RT: 6.41 min Scan# 422
Delta R.T. -0.02 min
Lab File: BF089880.D
Acq: 24 Aug 2016 17:48

Instrument :
BNA_F
ClientSampleId :
PB93077BS

Tot Ion: 93 Resp: 1144901
Ion Ratio Lower Upper
93 100
63 76.0 55.8 95.8
95 33.5 13.0 53.0

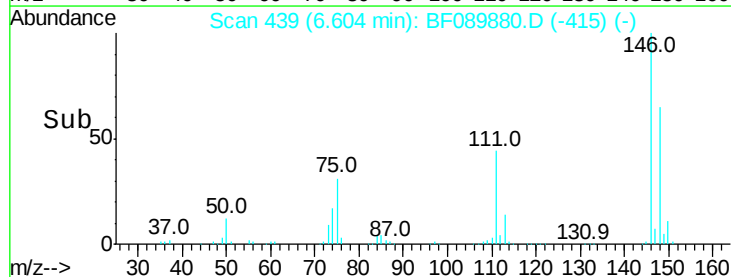
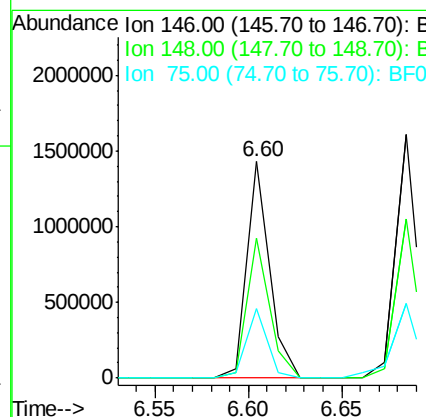
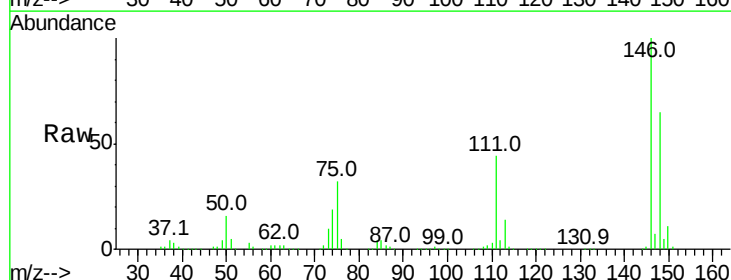
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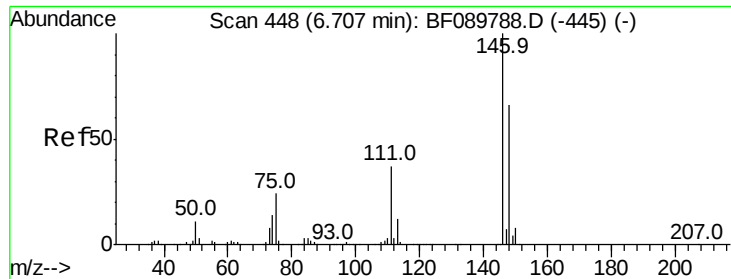
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#12
1,3-Dichlorobenzene
Concen: 39.27 ng
RT: 6.60 min Scan# 439
Delta R.T. -0.02 min
Lab File: BF089880.D
Acq: 24 Aug 2016 17:48

Tgt Ion: 146 Resp: 1208762
Ion Ratio Lower Upper
146 100
148 64.9 51.0 76.4
75 32.1 27.0 40.6





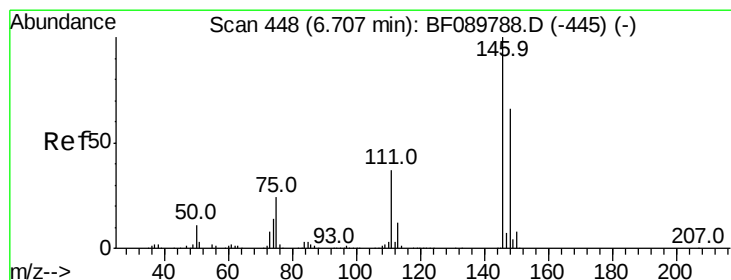
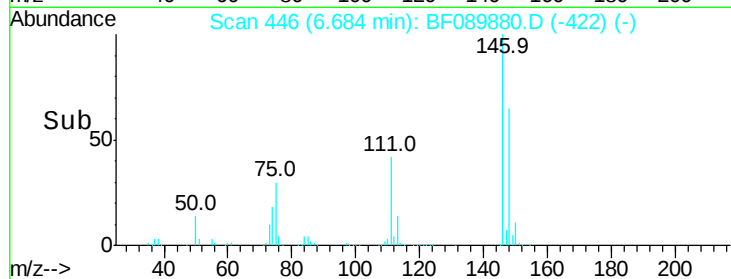
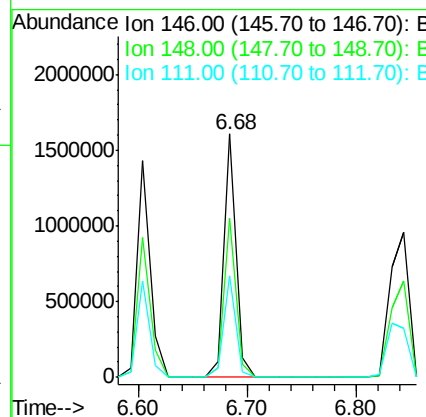
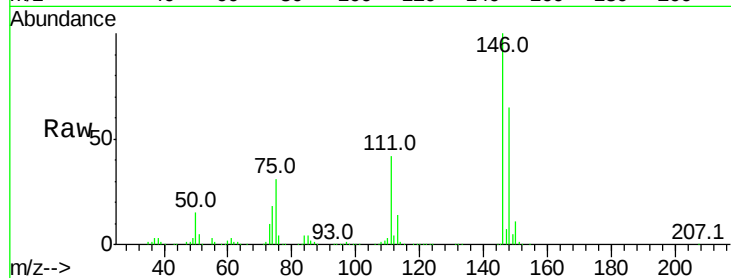
#13
 1,4-Dichlorobenzene
 Concen: 40.08 ng
 RT: 6.68 min Scan# 446
 Delta R.T. -0.02 min
 Lab File: BF089880.D
 Acq: 24 Aug 2016 17:48

Instrument :
 BNA_F
 ClientSampleId :
 PB93077BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.3	51.0	76.6
111	41.6	34.6	52.0

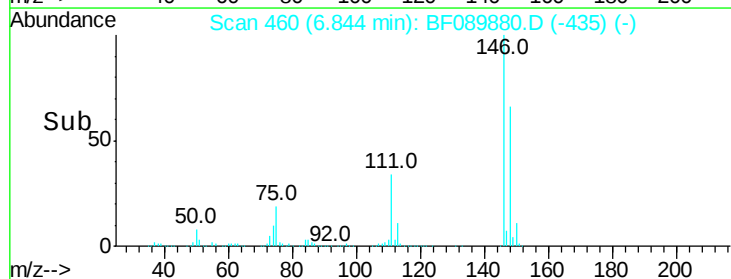
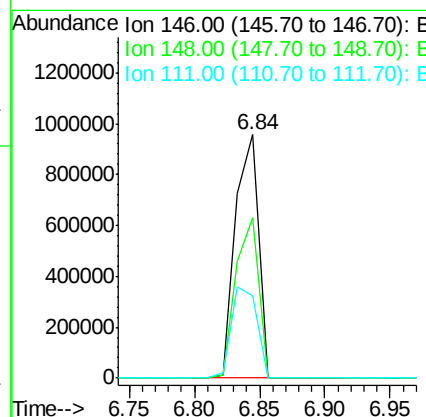
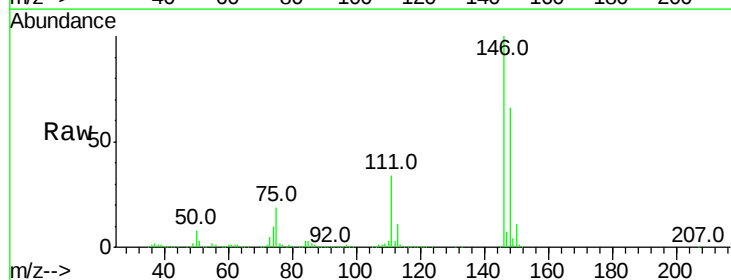
Manual Integrations
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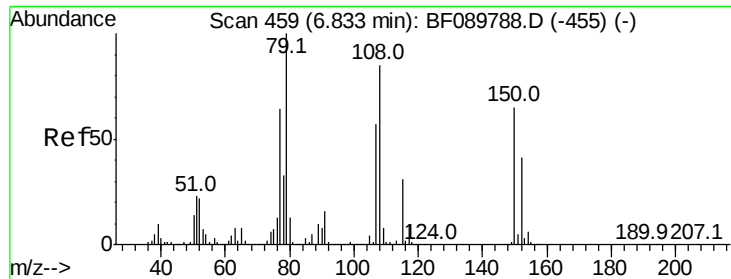
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#14
 1,2-Dichlorobenzene
 Concen: 39.44 ng
 RT: 6.84 min Scan# 460
 Delta R.T. -0.01 min
 Lab File: BF089880.D
 Acq: 24 Aug 2016 17:48

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.1	52.2	78.2
111	33.7	29.8	44.6





#15

Benzyl Alcohol

Concen: 46.19 ng

RT: 6.82 min Scan# 458

Delta R.T. -0.01 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

Instrument :

BNA_F

ClientSampleId :

PB93077BS

Tot Ion: 79 Resp: 925902

Ion Ratio Lower Upper

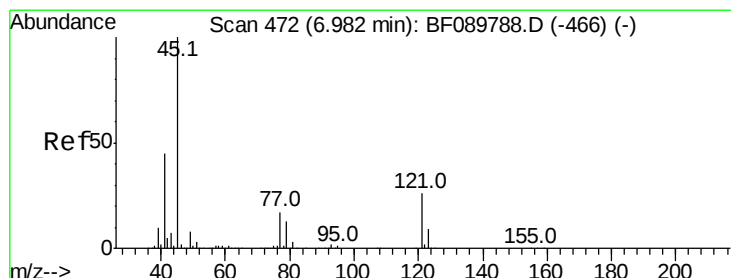
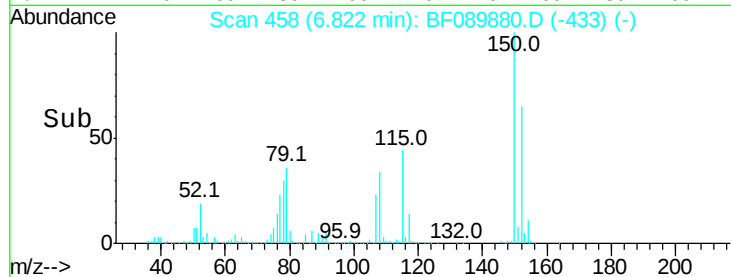
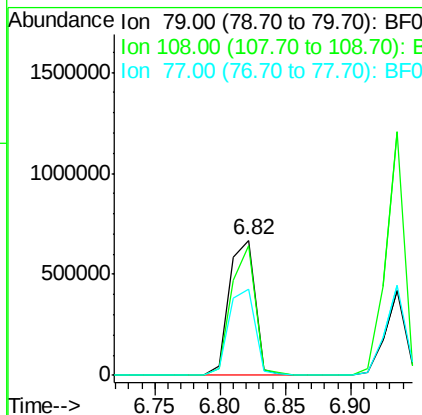
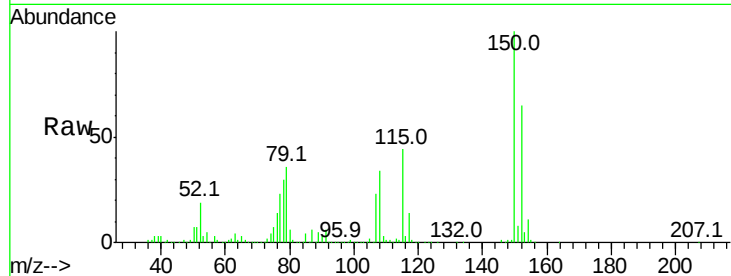
79 100

108 96.0 62.5 93.7#

77 64.2 51.5 77.3

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.02 ng

RT: 6.96 min Scan# 470

Delta R.T. -0.02 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

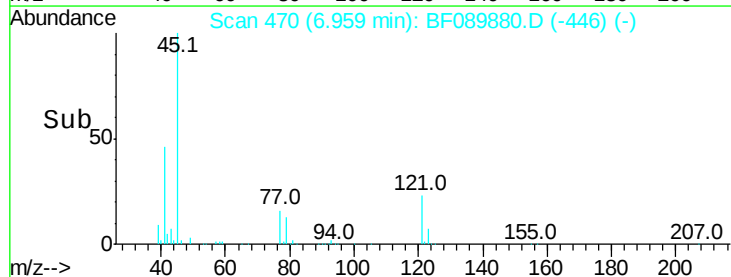
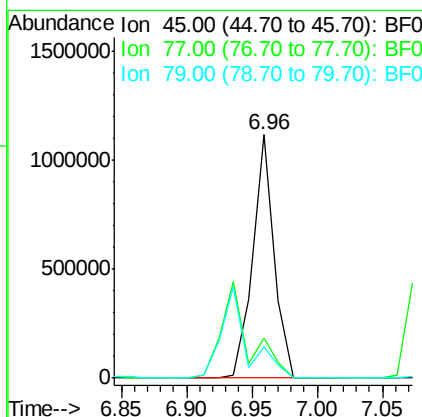
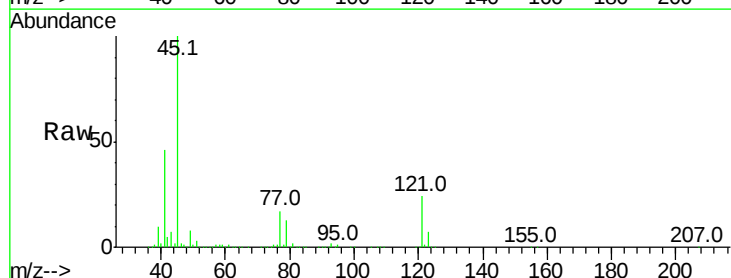
Tgt Ion: 45 Resp: 1266301

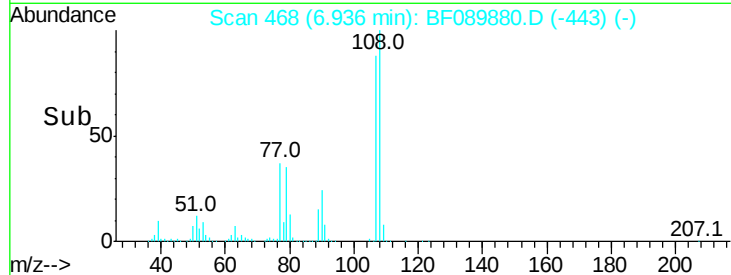
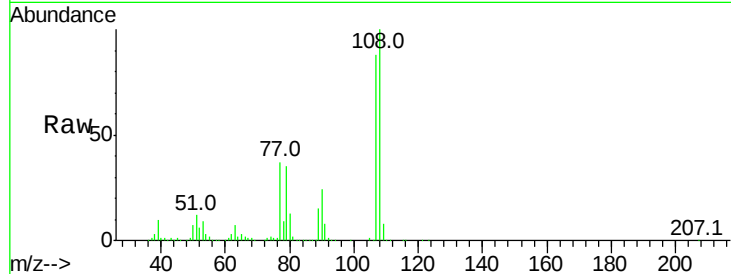
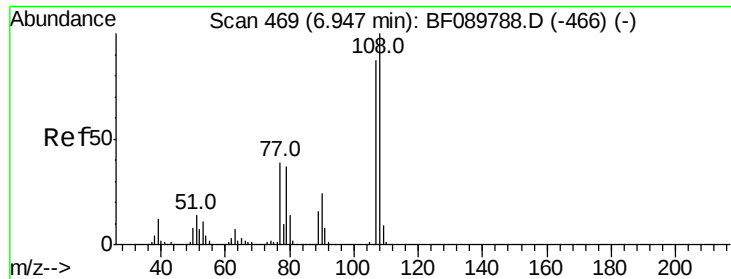
Ion Ratio Lower Upper

45 100

77 16.5 0.0 33.5

79 12.8 0.0 30.7





#17

2-Methylphenol

Concen: 44.85 ng

RT: 6.94 min Scan# 468

Delta R.T. -0.01 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

Tot Ion	107	Resp	1034403
Ion	Ratio	Lower	Upper
107	100		
108	114.2	91.0	136.4
77	42.1	37.4	56.0
79	39.8	36.6	55.0

Instrument :

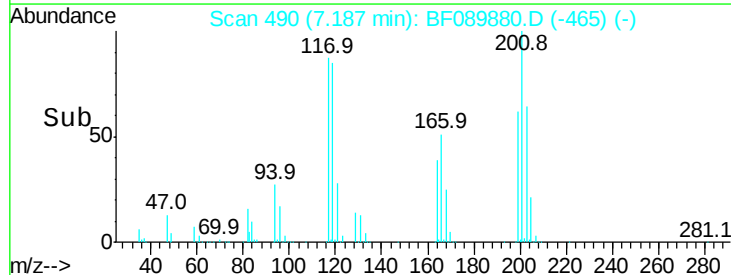
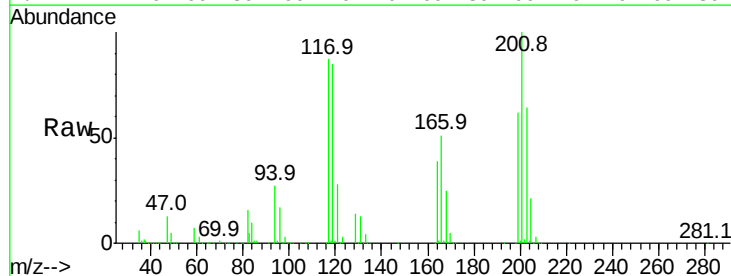
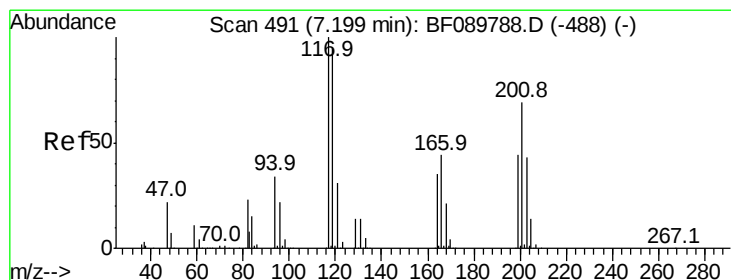
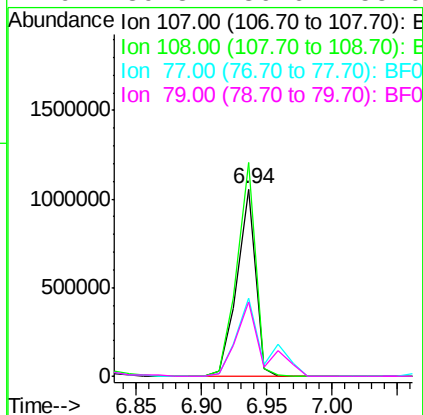
BNA_F

ClientSampleId :

PB93077BS

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#18

Hexachloroethane

Concen: 41.25 ng

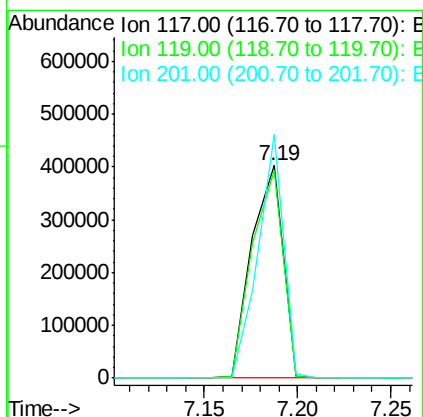
RT: 7.19 min Scan# 490

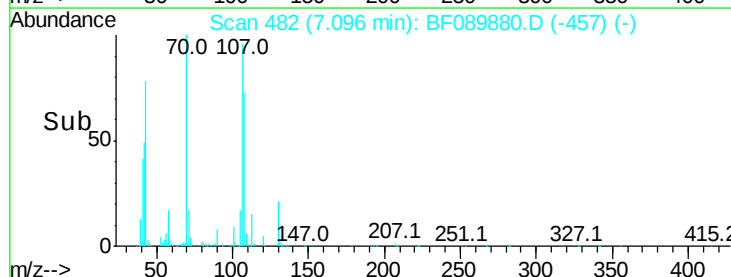
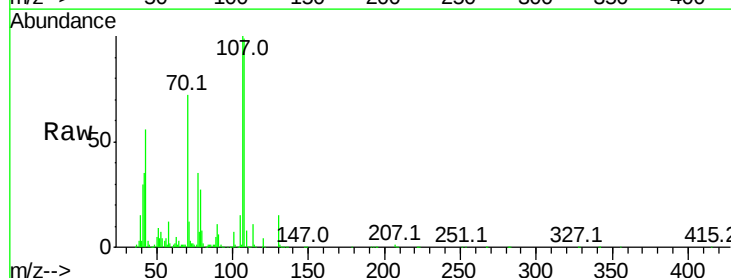
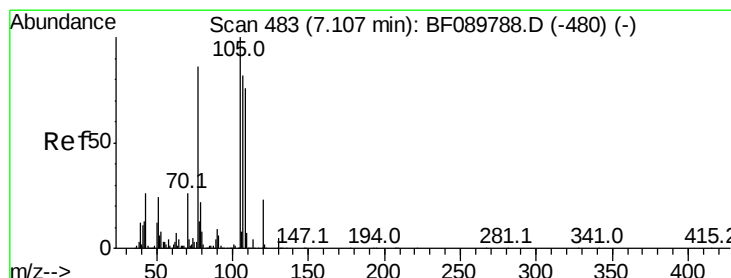
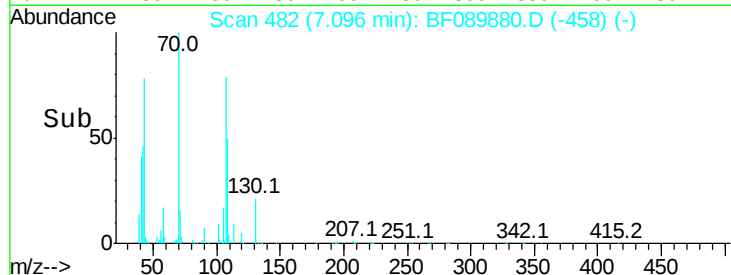
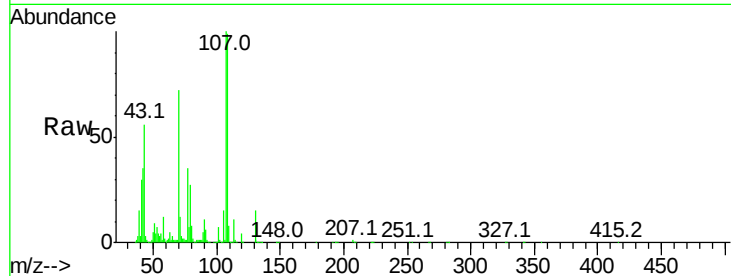
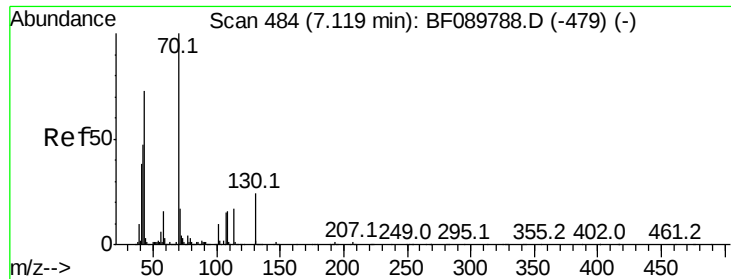
Delta R.T. -0.01 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

Tgt Ion	117	Resp	465536
Ion	Ratio	Lower	Upper
117	100		
119	97.7	77.1	115.7
201	114.6	76.9	115.3





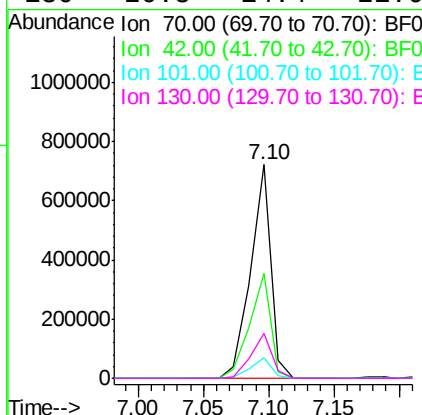
#19
n-Nitroso-di-n-propylamine
Concen: 40.28 ng
RT: 7.10 min Scan# 482
Delta R.T. -0.02 min
Lab File: BF089880.D
Acq: 24 Aug 2016 17:48

Instrument :
BNA_F
ClientSampled :
PB93077BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	49.3	46.3	69.5	
101	9.5	7.0	10.6	
130	20.8	14.4	21.6	

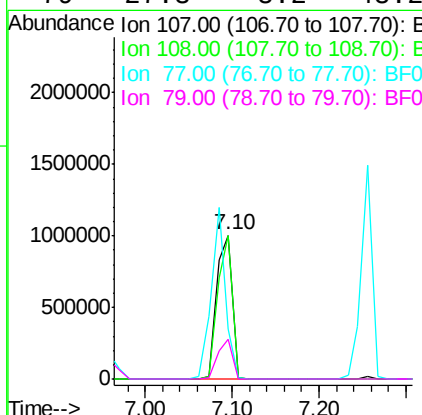
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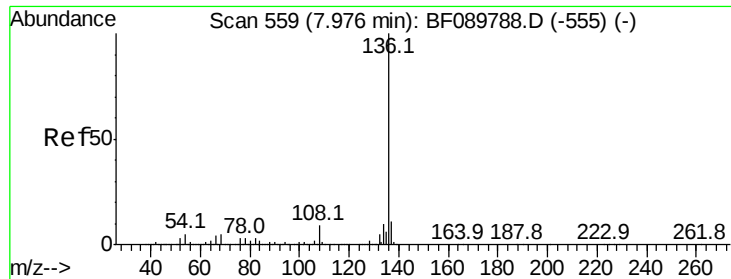
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#20
3+4-Methylphenols
Concen: 45.42 ng
RT: 7.10 min Scan# 482
Delta R.T. -0.01 min
Lab File: BF089880.D
Acq: 24 Aug 2016 17:48

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	99.4	68.2	108.2	
77	35.0	122.3	162.3#	
79	27.3	8.2	48.2	





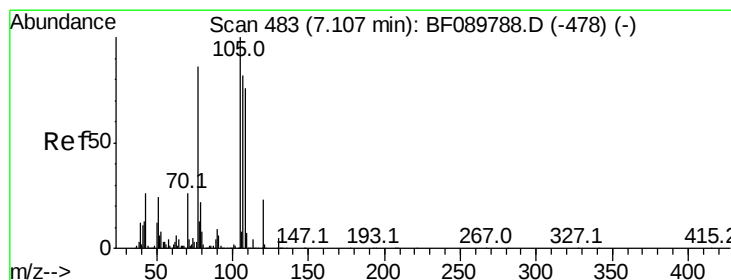
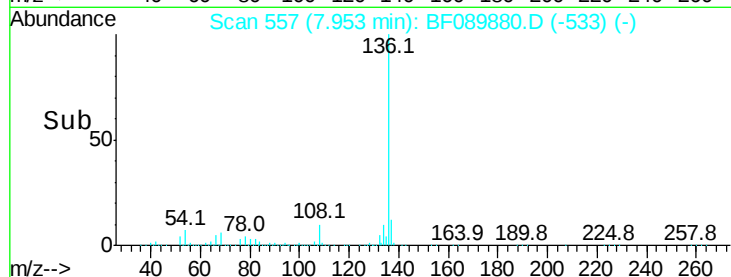
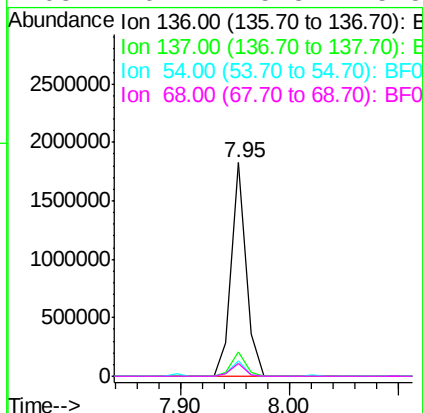
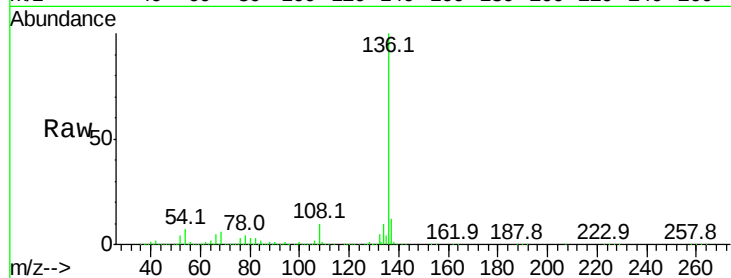
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.95 min Scan# 557
Delta R.T. -0.02 min
Lab File: BF089880.D
Acq: 24 Aug 2016 17:48

Instrument :
BNA_F
ClientSampleId :
PB93077BS

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.2	13.8
54	7.1	7.2	10.8#
68	6.2	5.8	8.8

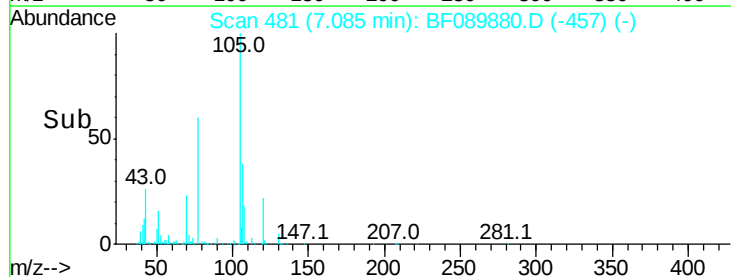
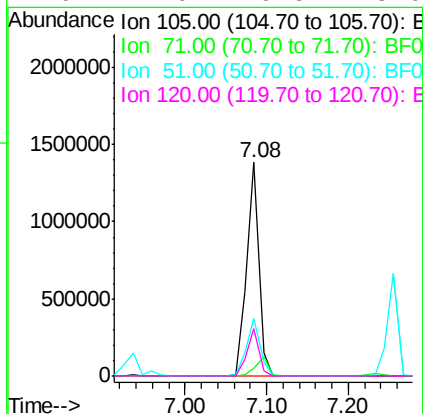
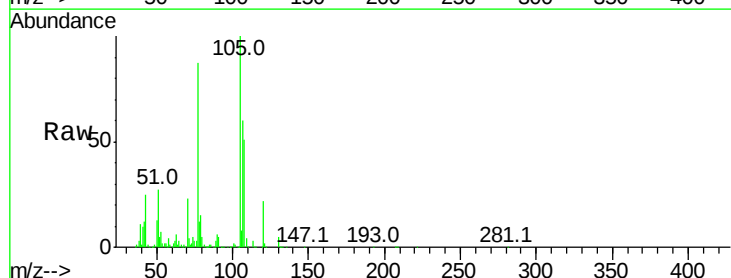
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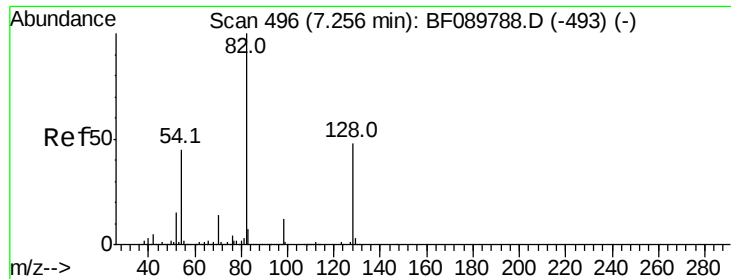
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#22
Acetophenone
Concen: 36.80 ng
RT: 7.08 min Scan# 481
Delta R.T. -0.02 min
Lab File: BF089880.D
Acq: 24 Aug 2016 17:48

Tgt Ion	Ratio	Lower	Upper
105	100		
71	3.8	1.9	2.9#
51	27.0	28.5	42.7#
120	22.0	16.6	25.0





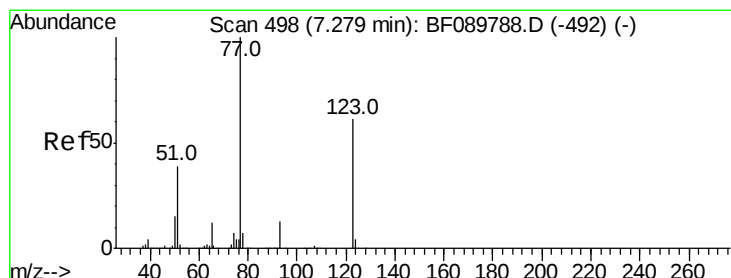
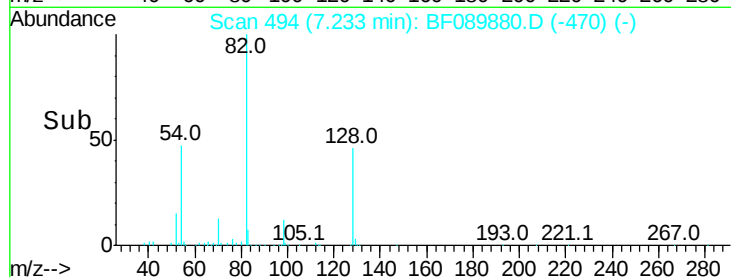
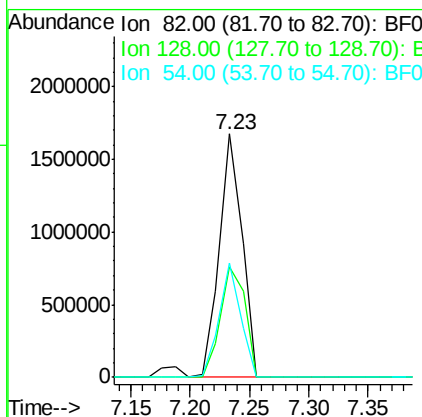
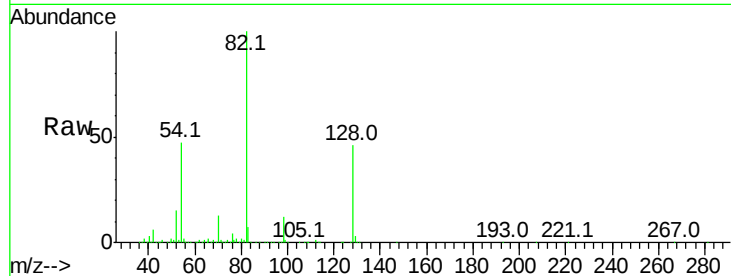
#23
 Nitrobenzene-d5
 Concen: 80.68 ng
 RT: 7.23 min Scan# 494
 Delta R.T. -0.02 min
 Lab File: BF089880.D
 Acq: 24 Aug 2016 17:48

Instrument :
 BNA_F
 ClientSampleId :
 PB93077BS

Tot Ion: 82 Resp: 2203381
 Ion Ratio Lower Upper
 82 100
 128 45.6 34.4 51.6
 54 46.8 40.3 60.5

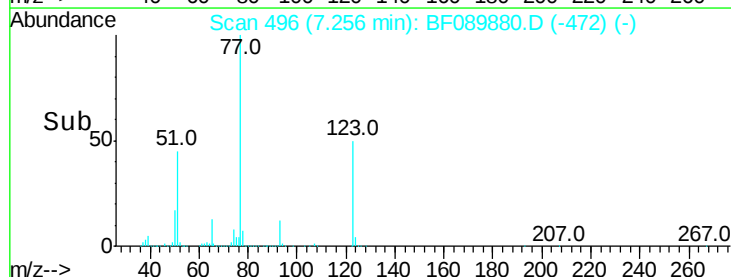
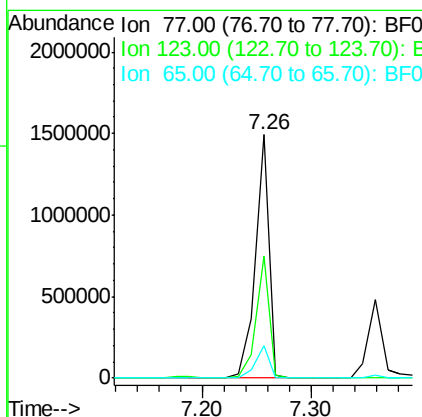
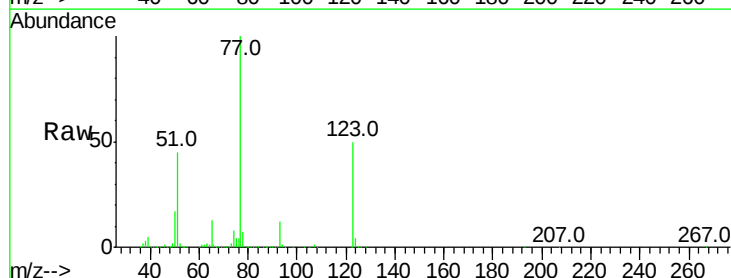
Manual Integrations
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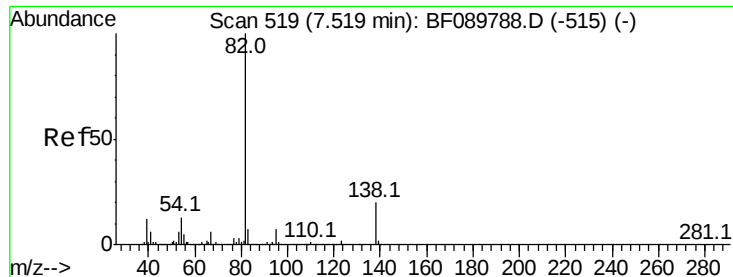
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#24
 Nitrobenzene
 Concen: 42.62 ng
 RT: 7.26 min Scan# 496
 Delta R.T. -0.02 min
 Lab File: BF089880.D
 Acq: 24 Aug 2016 17:48

Tgt Ion: 77 Resp: 1306045
 Ion Ratio Lower Upper
 77 100
 123 50.1 36.2 54.2
 65 13.4 10.6 15.8





#25

Isophorone

Concen: 39.85 ng

RT: 7.50 min Scan# 517

Delta R.T. -0.02 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

Instrument :

BNA_F

ClientSampleId :

PB93077BS

Tot Ion: 82 Resp: 2195049

Ion Ratio Lower Upper

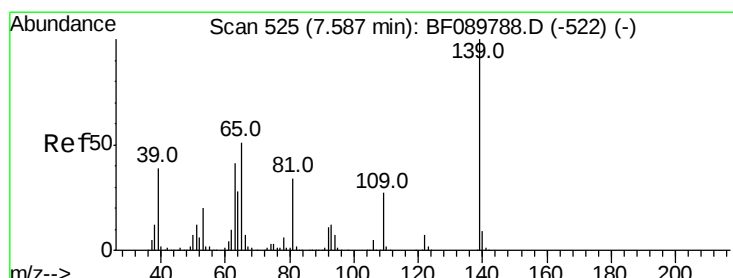
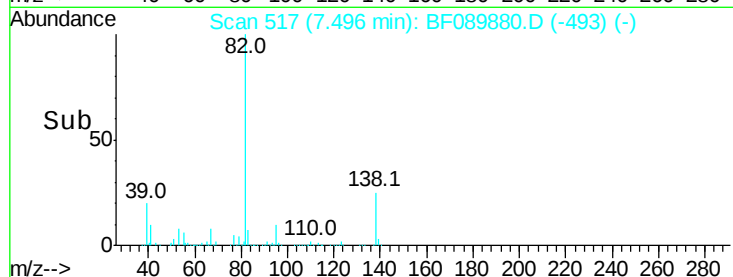
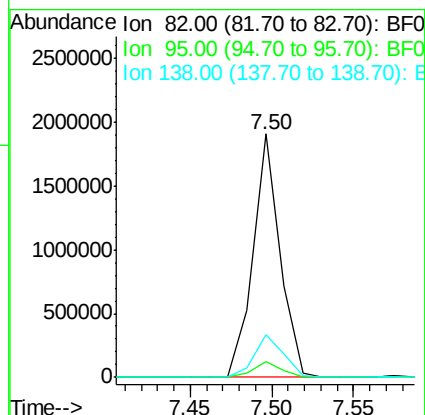
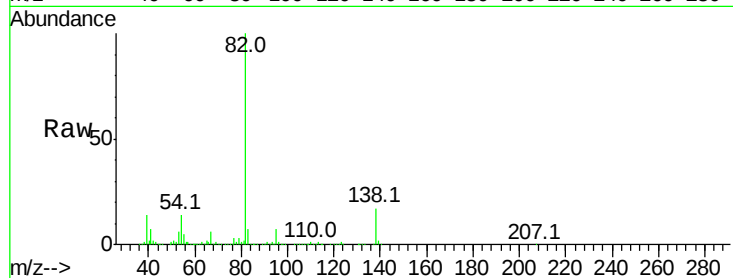
82 100

95 6.7 5.3 7.9

138 17.3 13.0 19.4

Manual Integrations
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#26

2-Nitrophenol

Concen: 45.19 ng

RT: 7.58 min Scan# 524

Delta R.T. -0.01 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

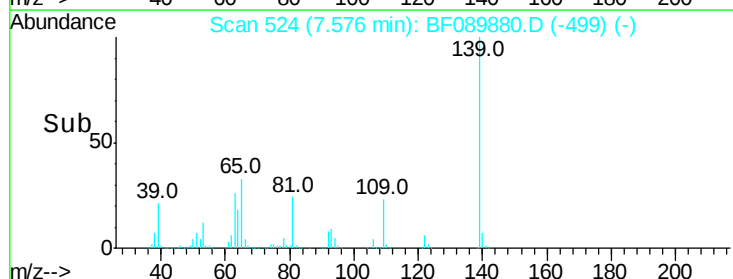
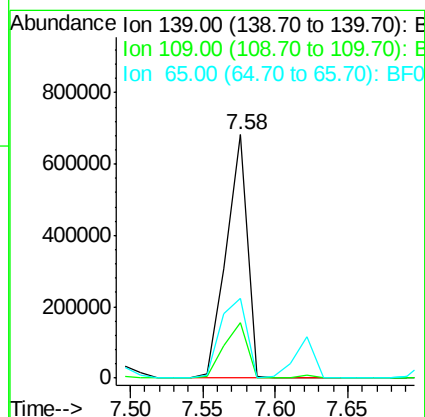
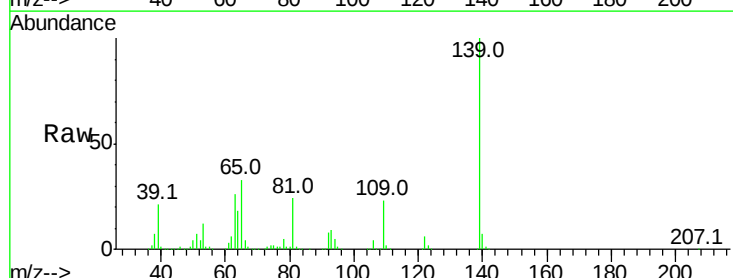
Tgt Ion: 139 Resp: 690888

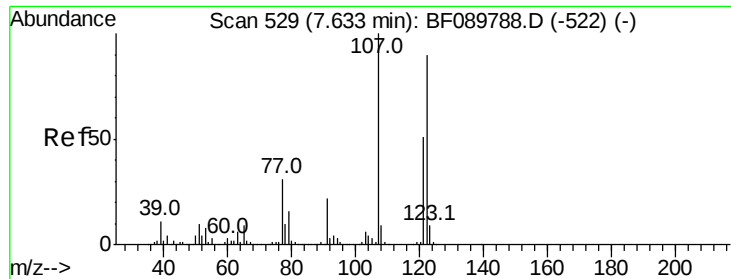
Ion Ratio Lower Upper

139 100

109 22.7 19.5 29.3

65 32.8 26.5 39.7





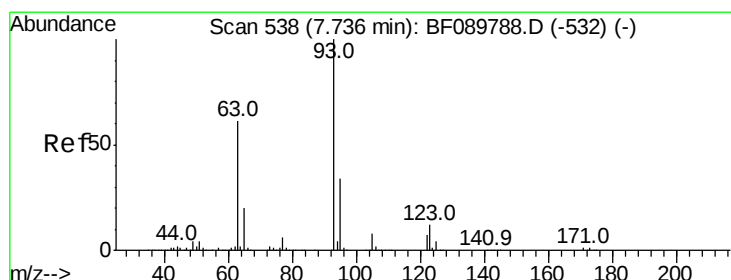
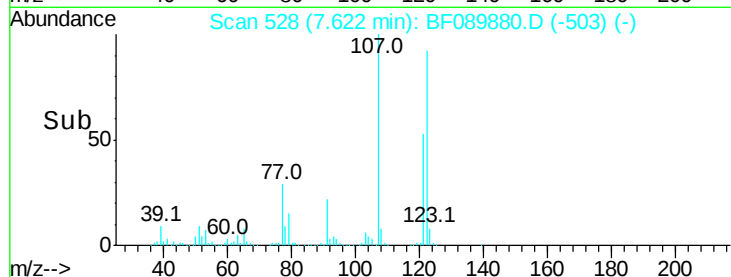
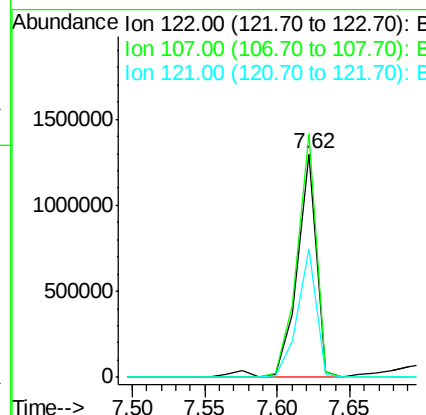
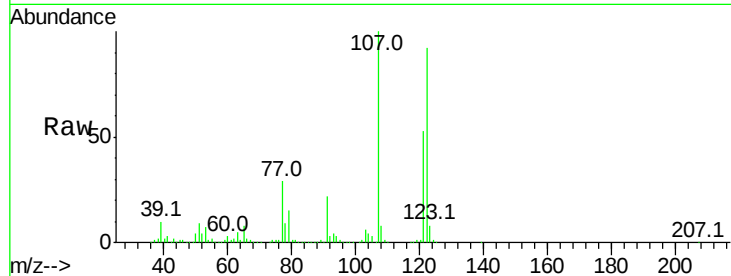
#27
2,4-Dimethylphenol
Concen: 44.39 ng
RT: 7.62 min Scan# 528
Delta R.T. -0.01 min
Lab File: BF089880.D
Acq: 24 Aug 2016 17:48

Instrument :
BNA_F
ClientSampleId :
PB93077BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	109.0	84.8	127.2
121	57.5	47.0	70.6

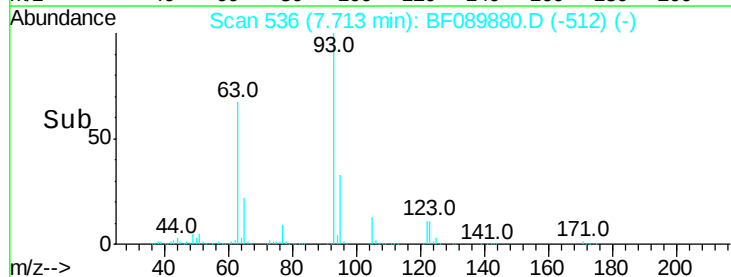
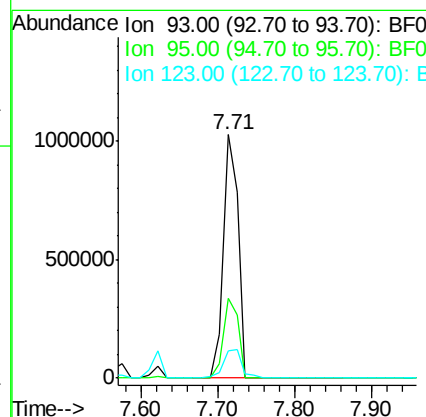
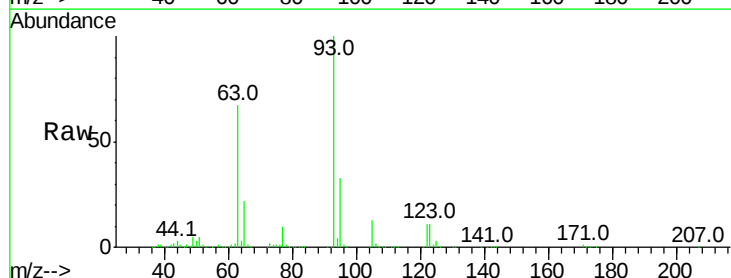
Manual Integrations
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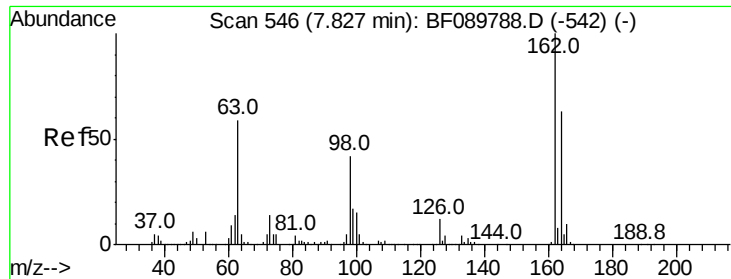
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#28
bis(2-Chloroethoxy)methane
Concen: 40.57 ng
RT: 7.71 min Scan# 536
Delta R.T. -0.02 min
Lab File: BF089880.D
Acq: 24 Aug 2016 17:48

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	25.5	38.3
123	11.1	8.5	12.7





#29

2,4-Dichlorophenol

Concen: 46.53 ng

RT: 7.82 min Scan# 545

Delta R.T. -0.01 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

Instrument :

BNA_F

ClientSampleId :

PB93077BS

Tot Ion:162 Resp: 1075829

Ion Ratio Lower Upper

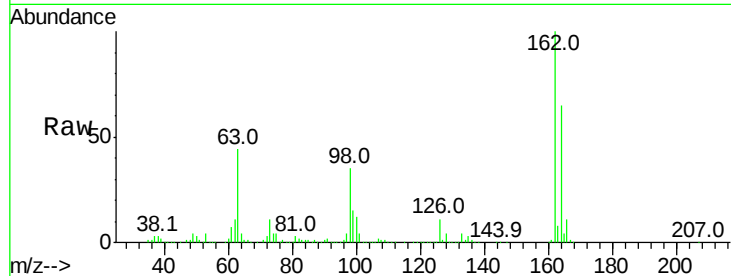
162 100

164 65.3 45.5 85.5

98 34.7 12.4 52.4

Manual Integrations
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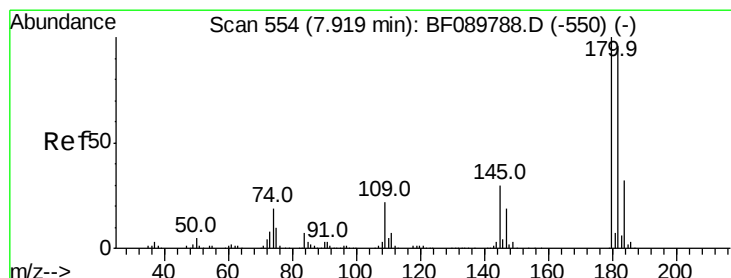
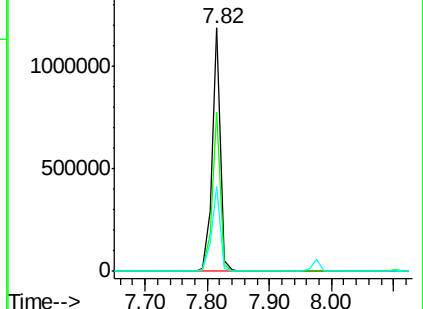
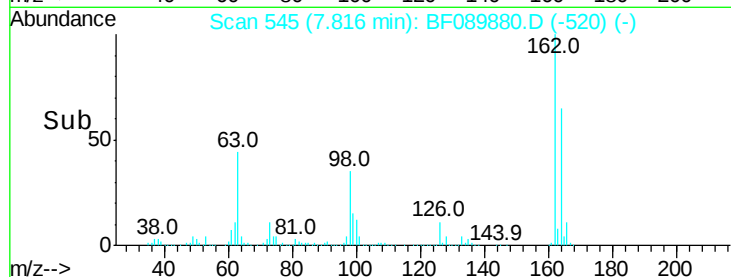
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Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 38.91 ng

RT: 7.90 min Scan# 552

Delta R.T. -0.02 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

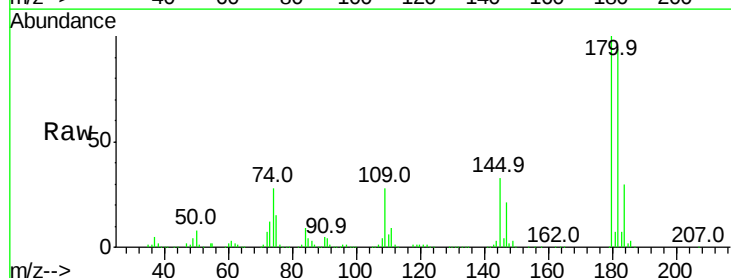
Tgt Ion:180 Resp: 995103

Ion Ratio Lower Upper

180 100

182 93.8 75.5 113.3

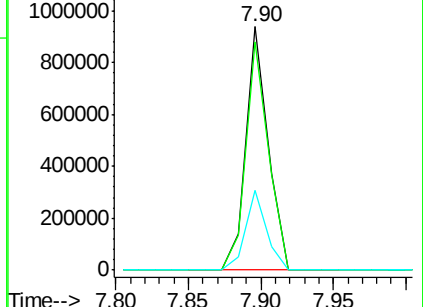
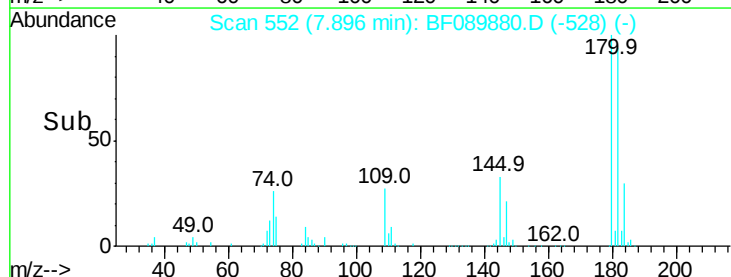
145 32.7 28.7 43.1

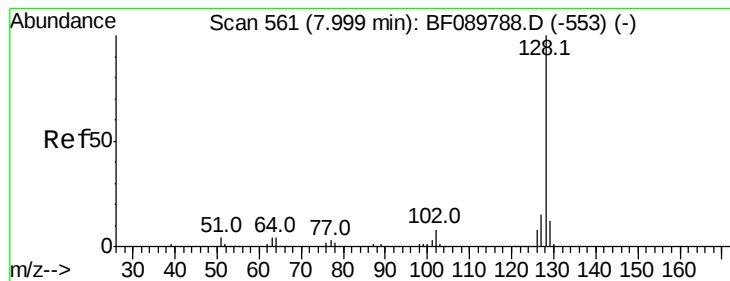


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 41.10 ng

RT: 7.98 min Scan# 559

Delta R.T. -0.02 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

Instrument :

BNA_F

ClientSampleId :

PB93077BS

Tot Ion:128 Resp: 3259156

Ion Ratio Lower Upper

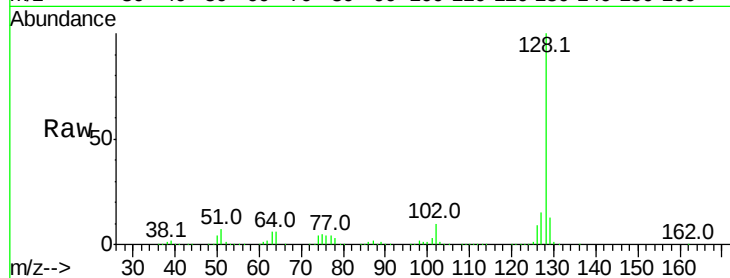
128 100

129 12.7 9.5 14.3

127 14.7 11.3 16.9

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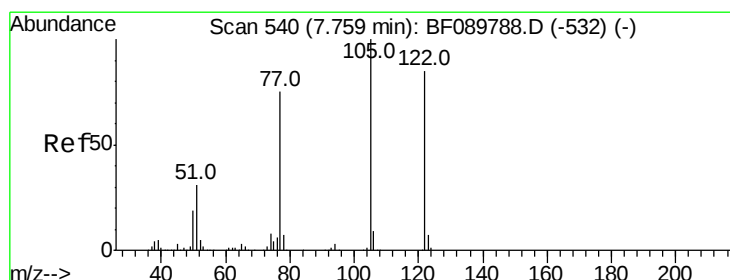
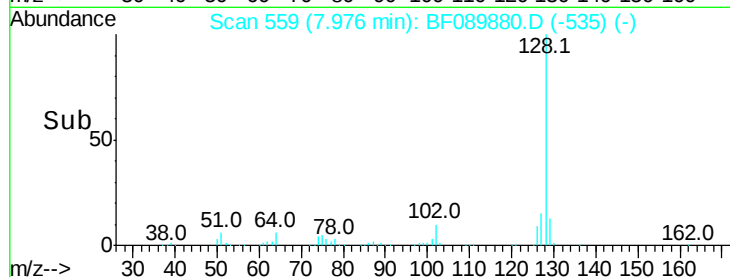
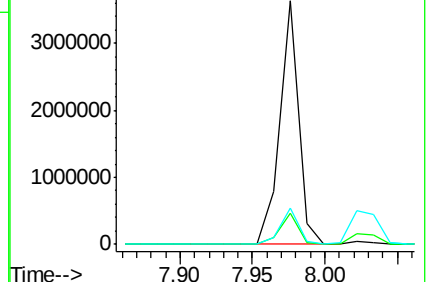
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 27.45 ng

RT: 7.74 min Scan# 538

Delta R.T. -0.02 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

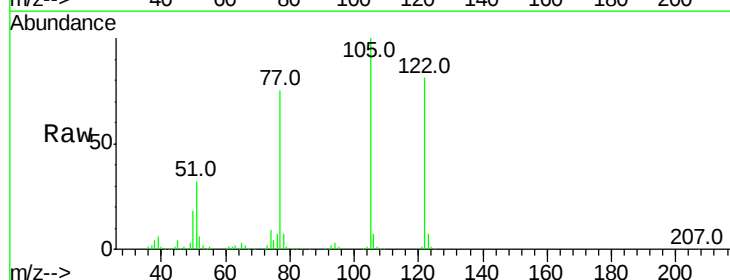
Tgt Ion:122 Resp: 589394

Ion Ratio Lower Upper

122 100

105 123.2 100.8 140.8

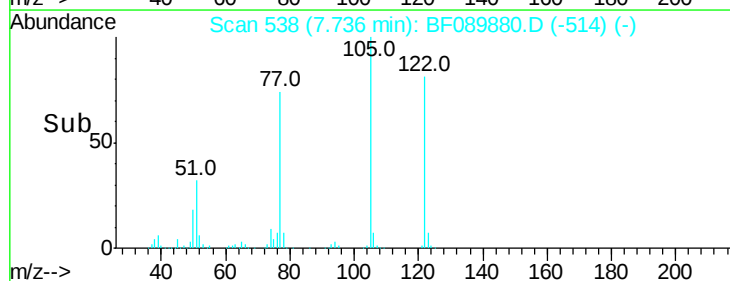
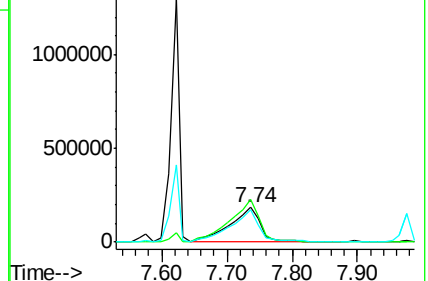
77 91.9 72.1 112.1

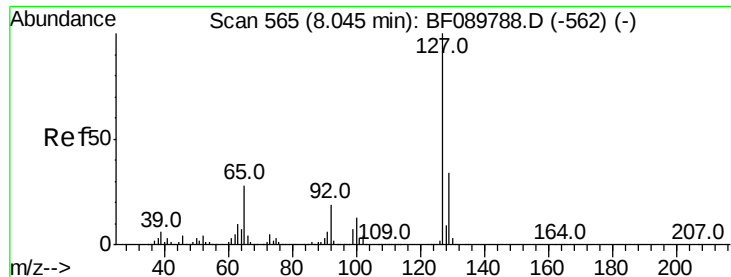


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





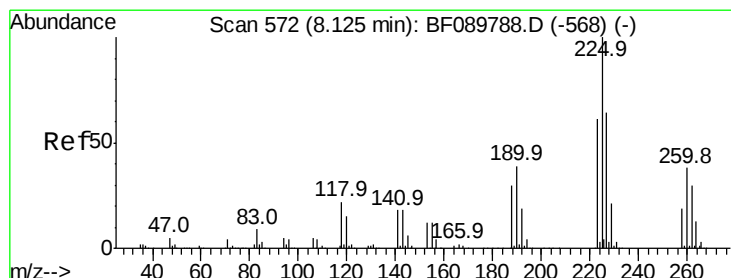
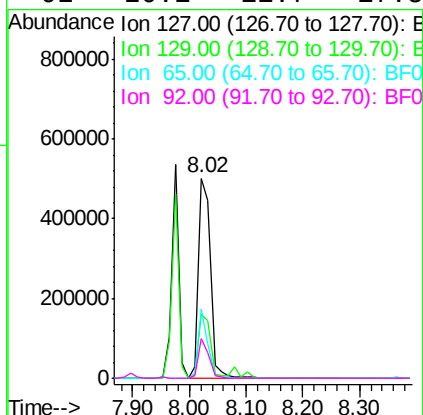
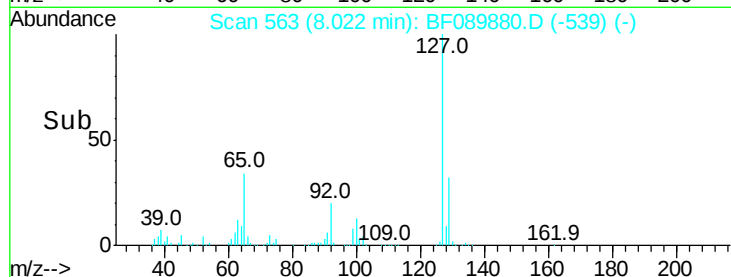
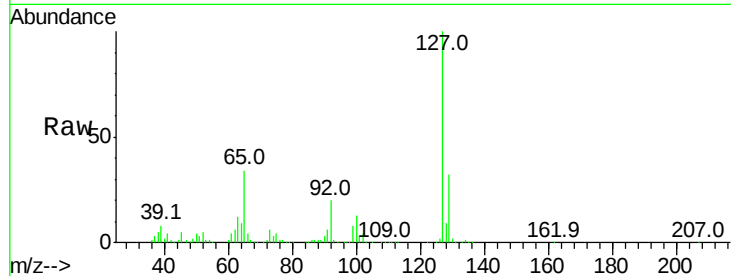
#33
4-Chloroaniline
Concen: 20.85 ng
RT: 8.02 min Scan# 563
Delta R.T. -0.02 min
Lab File: BF089880.D
Acq: 24 Aug 2016 17:48

Instrument :
BNA_F
ClientSampleId :
PB93077BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.0	27.0	40.6	
65	34.3	14.7	22.1	
92	20.1	11.7	17.5	

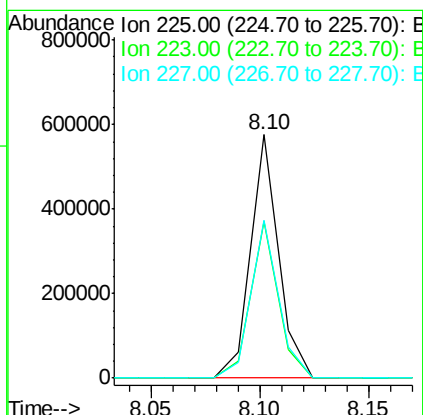
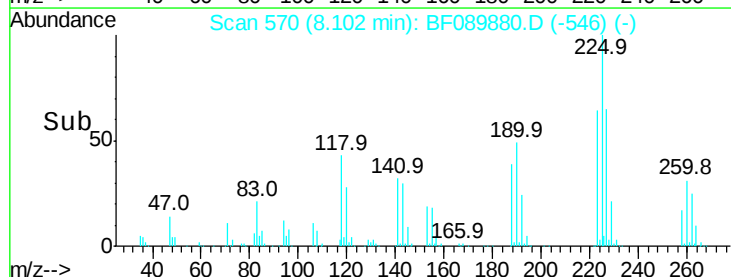
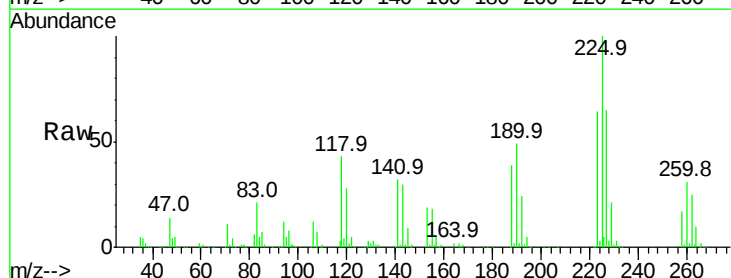
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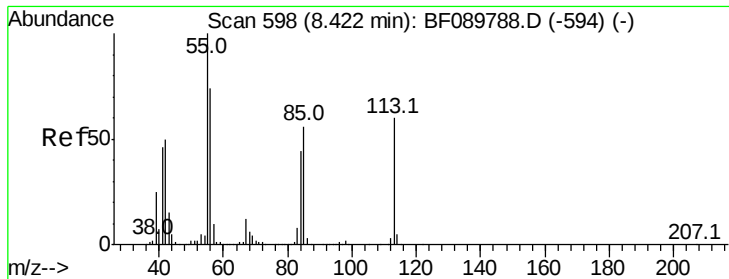
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#34
Hexachlorobutadiene
Concen: 38.43 ng
RT: 8.10 min Scan# 570
Delta R.T. -0.02 min
Lab File: BF089880.D
Acq: 24 Aug 2016 17:48

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.2	51.0	76.6	
227	64.7	49.8	74.6	





#35

Caprolactam

Concen: 42.59 ng/ml

RT: 8.40 min Scan# 596

Delta R.T. -0.02 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

Instrument :

BNA_F

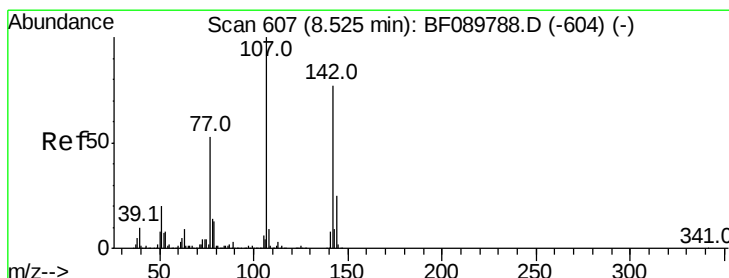
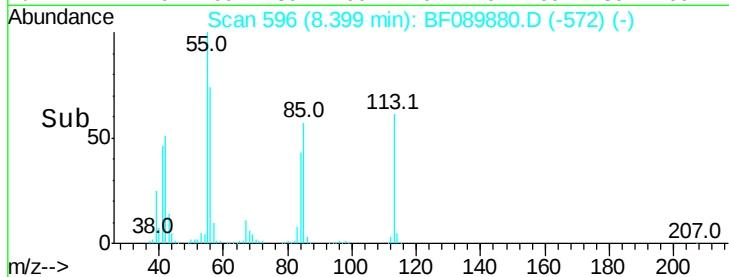
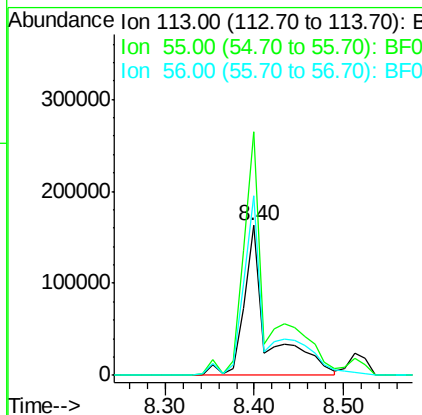
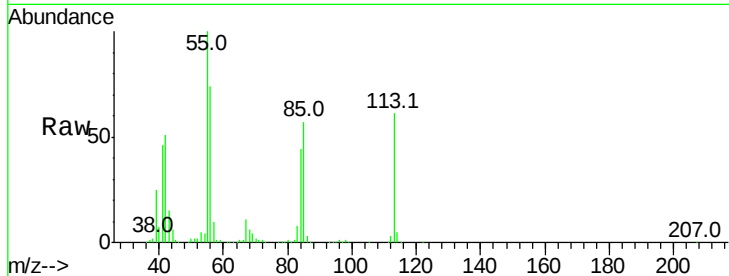
ClientSampleId :

PB93077BS

Tot Ion:	113	Resp:	299870
Ion Ratio	Lower	Upper	
113	100		
55	162.8	135.9	175.9
56	120.2	93.9	133.9

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 42.56 ng/ml

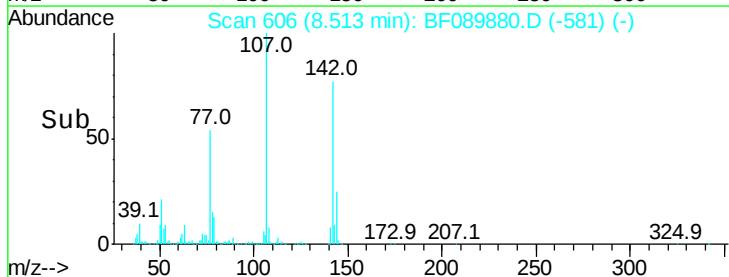
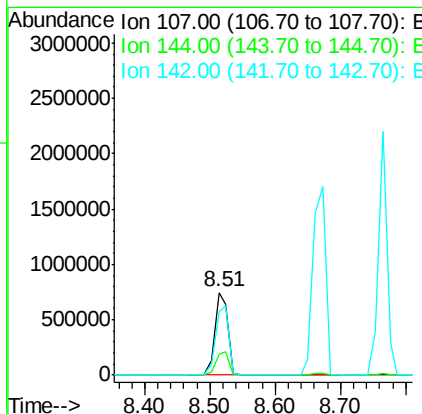
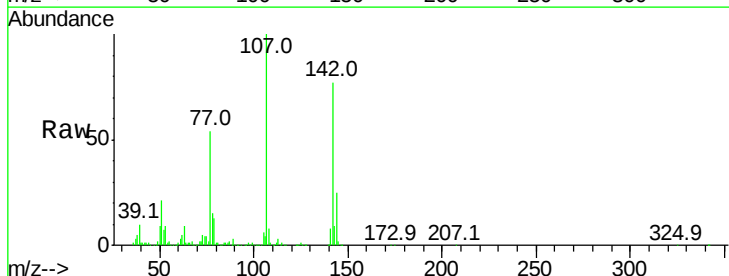
RT: 8.51 min Scan# 606

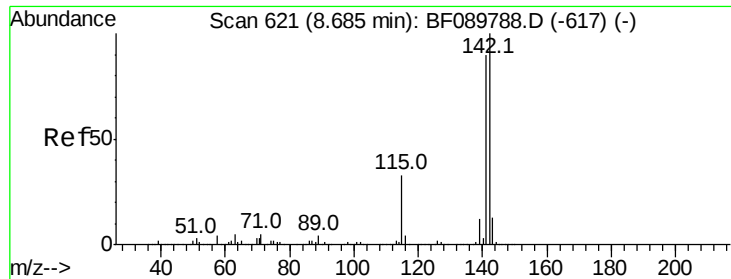
Delta R.T. -0.01 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

Tgt Ion:	107	Resp:	1065541
Ion Ratio	Lower	Upper	
107	100		
144	25.1	22.6	34.0
142	76.9	69.3	103.9





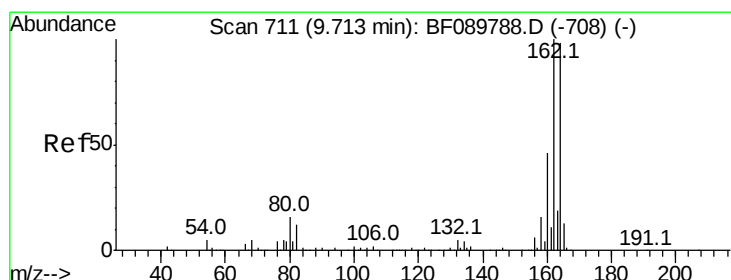
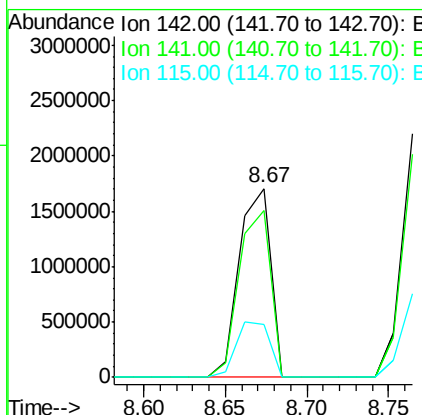
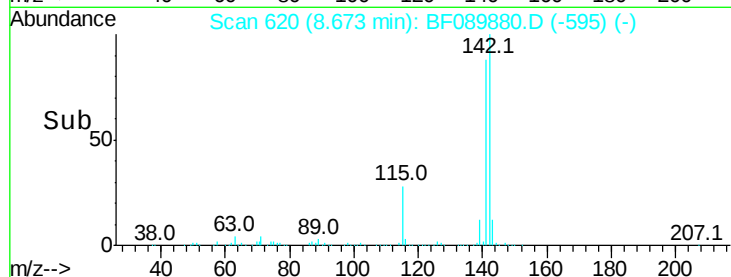
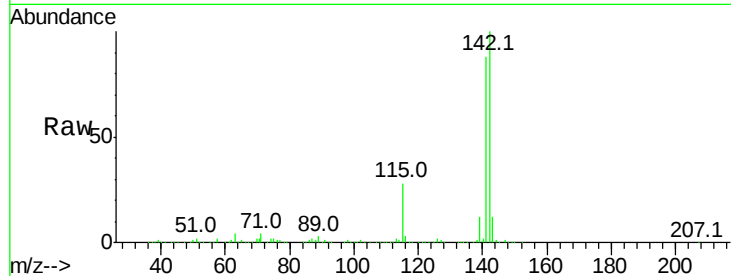
#37
2-Methylnaphthalene
Concen: 44.38 ng
RT: 8.67 min Scan# 620
Delta R.T. -0.01 min
Lab File: BF089880.D
Acq: 24 Aug 2016 17:48

Instrument :
BNA_F
ClientSampled :
PB93077BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.4	71.4	107.2
115	28.3	22.7	34.1

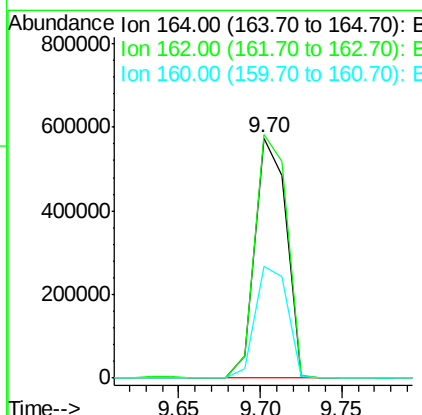
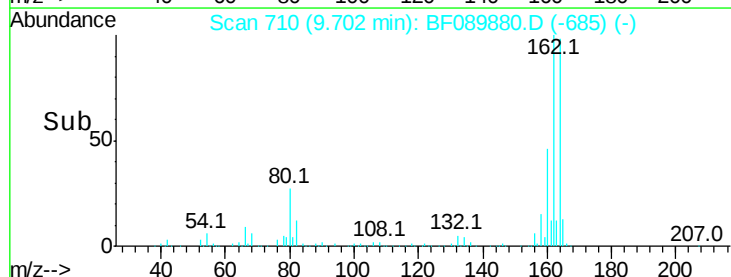
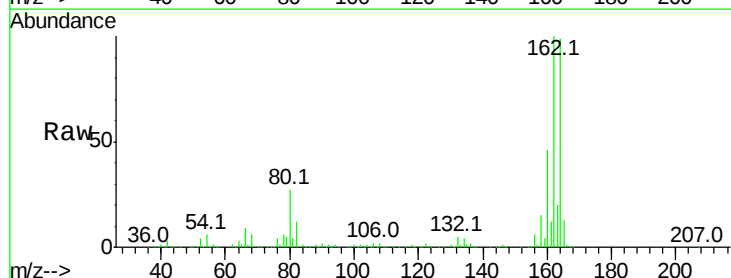
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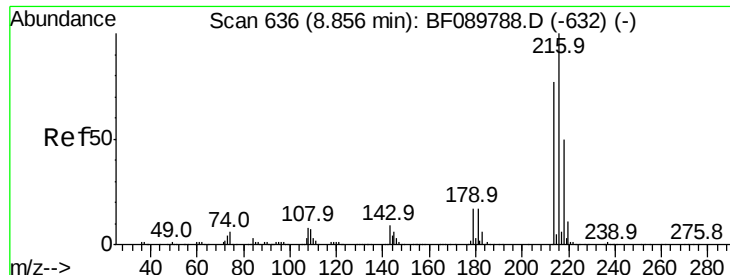
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.70 min Scan# 710
Delta R.T. -0.01 min
Lab File: BF089880.D
Acq: 24 Aug 2016 17:48

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.5	81.4	122.2
160	46.8	37.8	56.6





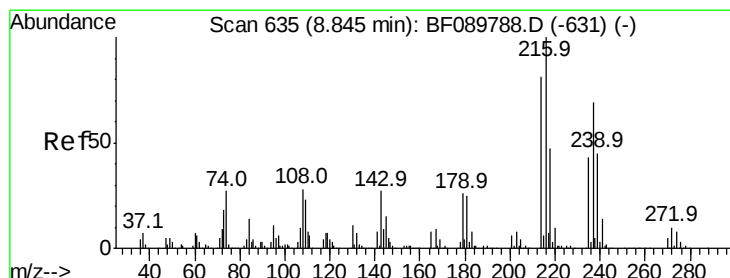
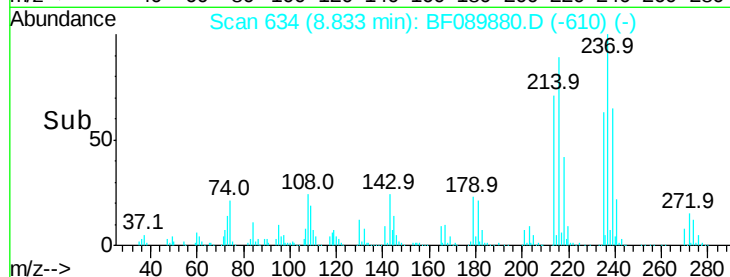
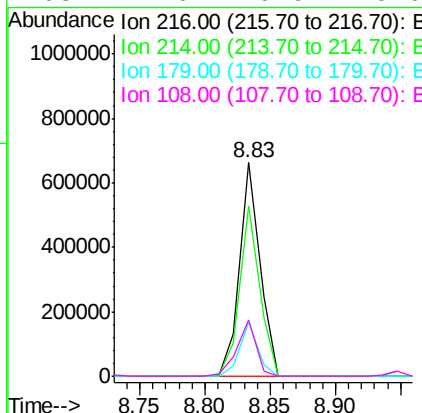
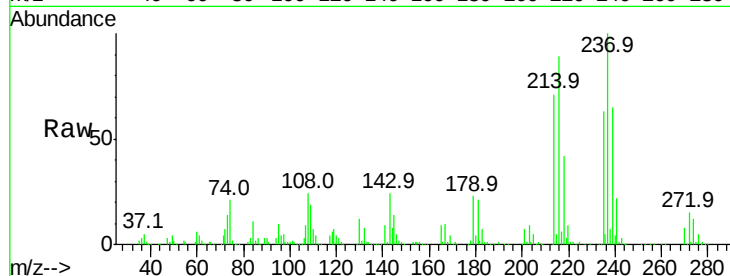
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 28.88 ng
 RT: 8.83 min Scan# 634
 Delta R.T. -0.02 min
 Lab File: BF089880.D
 Acq: 24 Aug 2016 17:48

Instrument :
 BNA_F
 ClientSampled :
 PB93077BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	715287		
214	78.5	63.5	95.3	
179	22.6	19.9	29.9	
108	24.6	19.9	29.9	

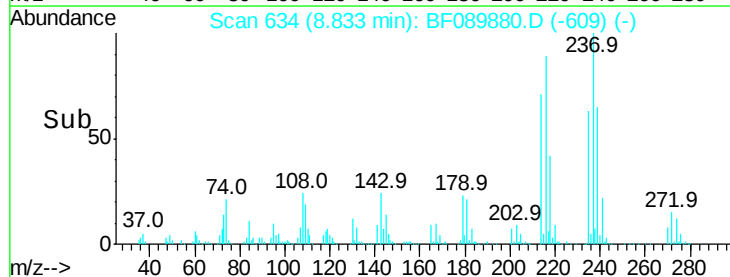
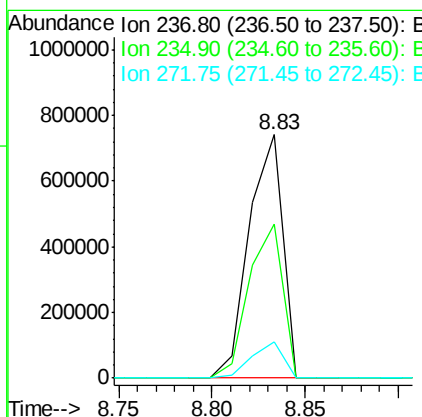
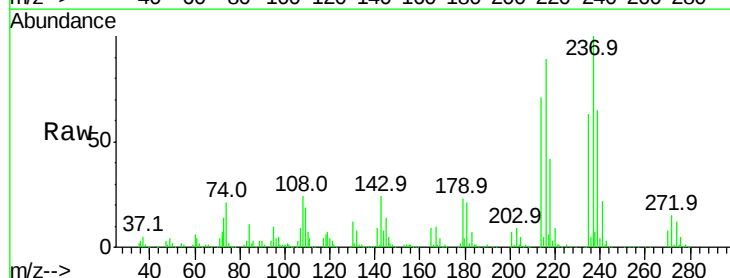
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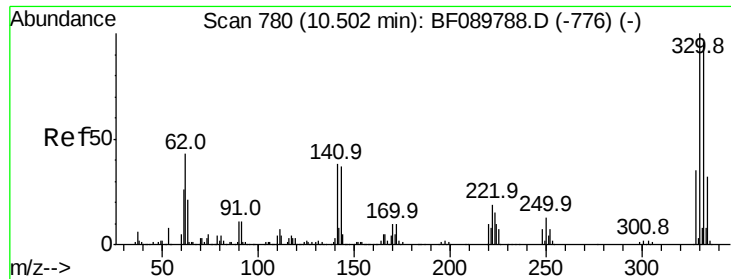
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#40
 Hexachlorocyclopentadiene
 Concen: 107.39 ng
 RT: 8.83 min Scan# 634
 Delta R.T. -0.01 min
 Lab File: BF089880.D
 Acq: 24 Aug 2016 17:48

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	923477		
235	63.1	43.7	83.7	
272	15.1	0.0	31.6	





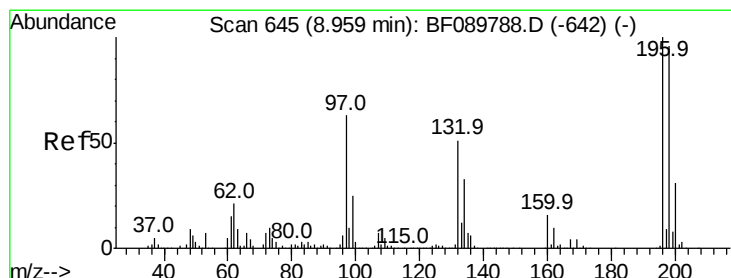
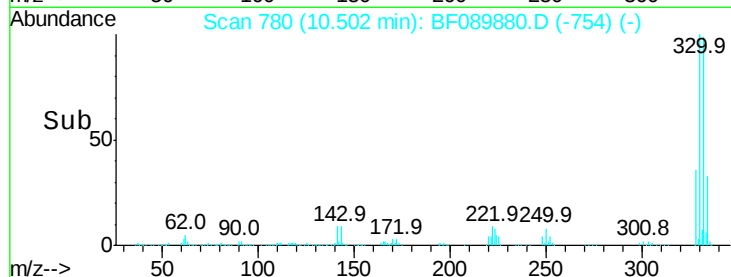
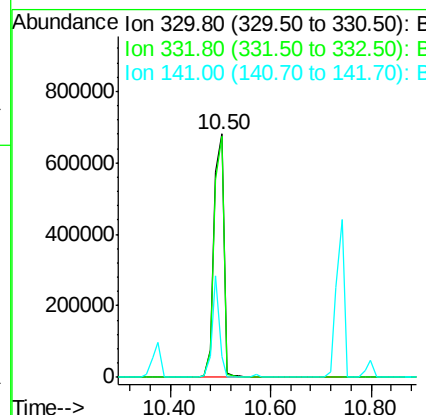
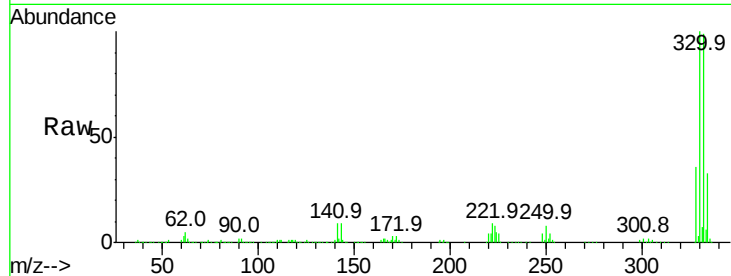
#41
 2,4,6-Tribromophenol
 Concen: 129.00 ng
 RT: 10.50 min Scan# 780
 Delta R.T. -0.00 min
 Lab File: BF089880.D
 Acq: 24 Aug 2016 17:48

Instrument :
 BNA_F
 ClientSampleId :
 PB93077BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	937712		
332	97.6	76.7	115.1	
141	30.2	30.2	45.2	

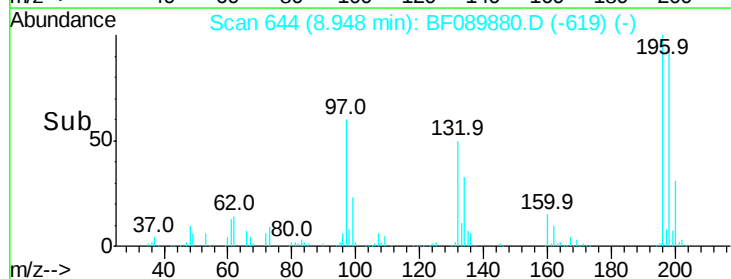
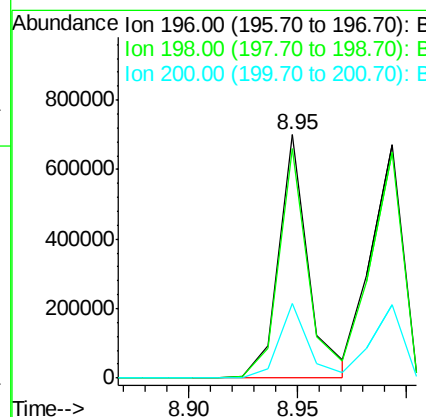
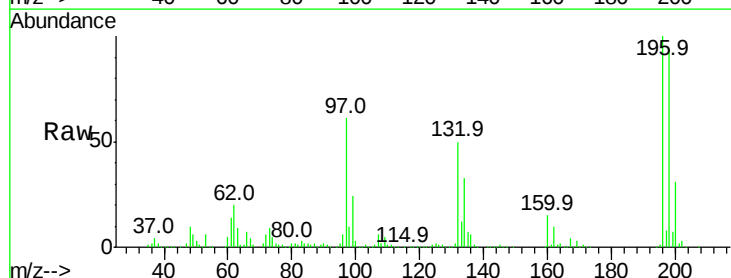
Manual Integrations
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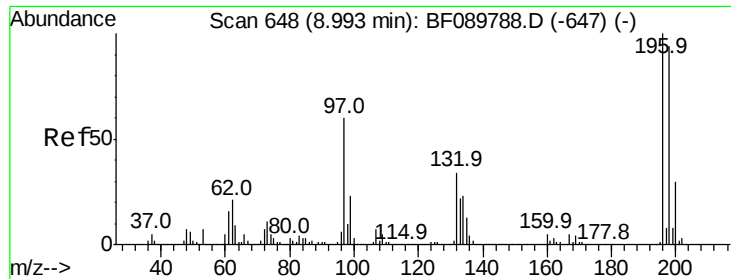
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#42
 2,4,6-Trichlorophenol
 Concen: 42.96 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.01 min
 Lab File: BF089880.D
 Acq: 24 Aug 2016 17:48

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	669486		
198	94.5	76.3	114.5	
200	30.6	24.6	36.8	





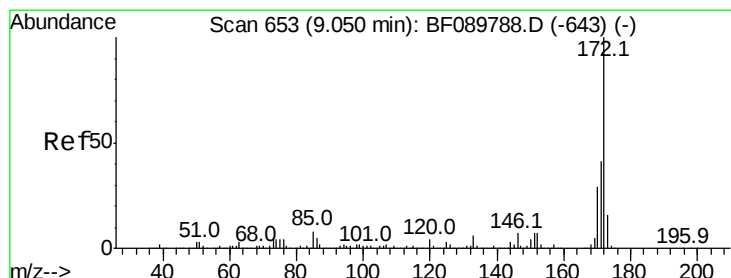
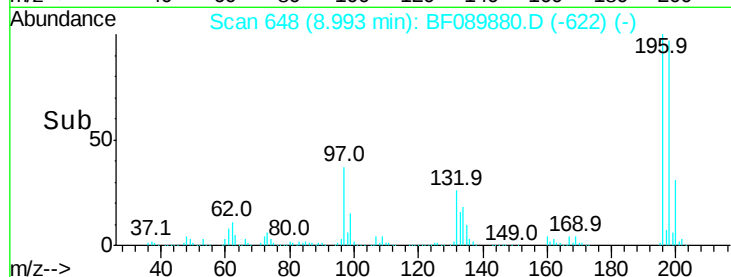
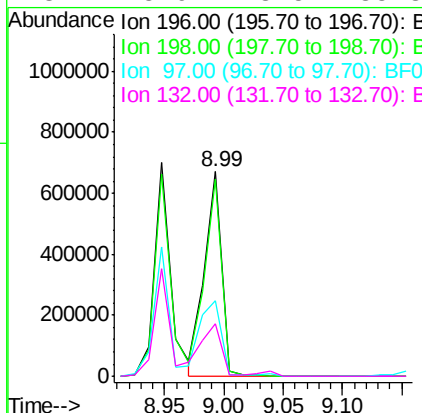
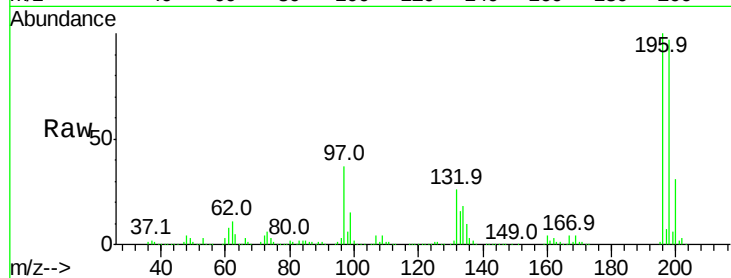
#43
 2,4,5-Trichlorophenol
 Concen: 43.96 ng
 RT: 8.99 min Scan# 648
 Delta R.T. -0.00 min
 Lab File: BF089880.D
 Acq: 24 Aug 2016 17:48

Instrument :
 BNA_F
 ClientSampleId :
 PB93077BS

Tot Ion:	196	Resp:	681228
Ion Ratio	Lower	Upper	
196	100		
198	96.8	76.6	114.8
97	36.9	35.8	53.8
132	25.9	23.5	35.3

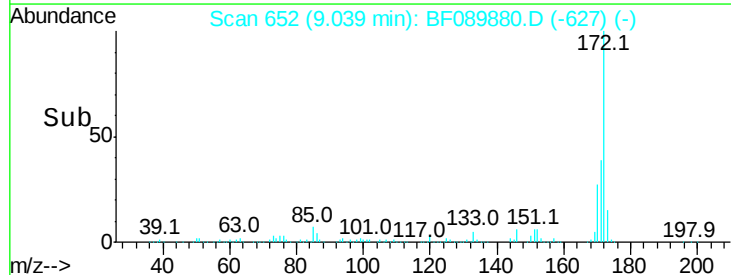
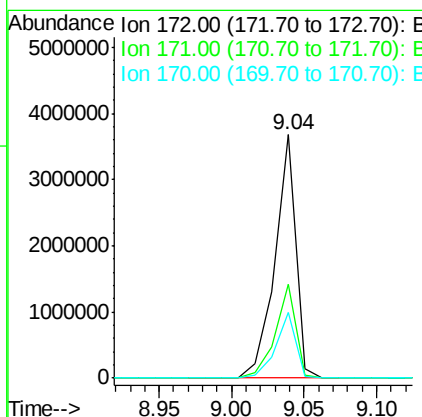
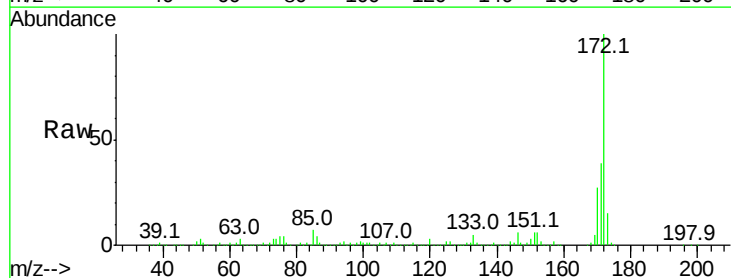
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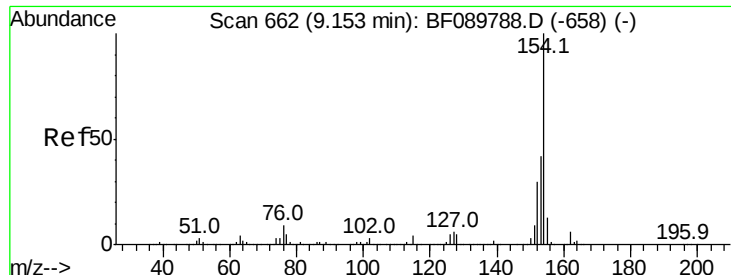
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#44
 2-Fluorobiphenyl
 Concen: 84.16 ng
 RT: 9.04 min Scan# 652
 Delta R.T. -0.01 min
 Lab File: BF089880.D
 Acq: 24 Aug 2016 17:48

Tgt Ion:	172	Resp:	3662703
Ion Ratio	Lower	Upper	
172	100		
171	38.6	30.5	45.7
170	26.9	20.6	31.0





#45

1,1'-Biphenyl

Concen: 37.22 ng

RT: 9.13 min Scan# 660

Delta R.T. -0.02 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

Instrument :

BNA_F

ClientSampleId :

PB93077BS

Tot Ion:154 Resp: 2202914

Ion Ratio Lower Upper

154 100

153 40.3 21.5 61.5

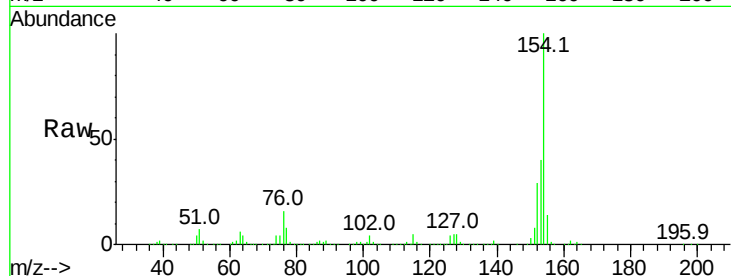
76 16.5 0.0 36.7

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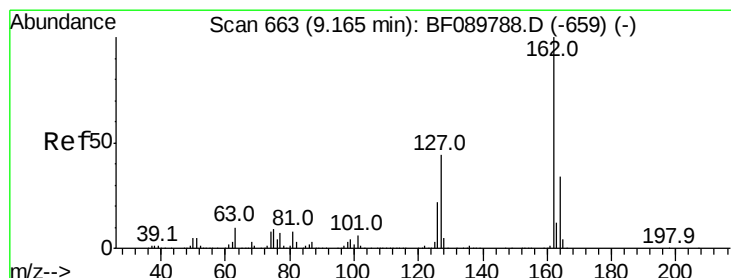
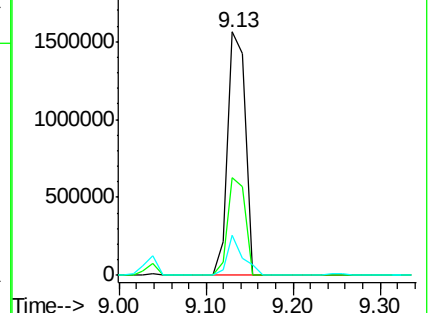
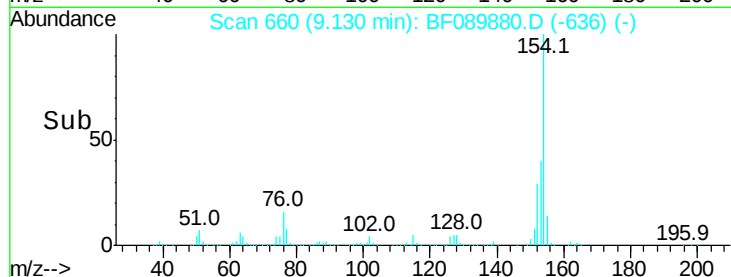
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): E



#46

2-Chloronaphthalene

Concen: 39.90 ng

RT: 9.15 min Scan# 662

Delta R.T. -0.01 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

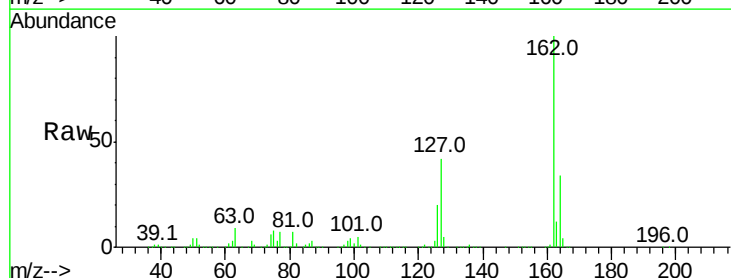
Tgt Ion:162 Resp: 1866869

Ion Ratio Lower Upper

162 100

127 42.1 35.5 53.3

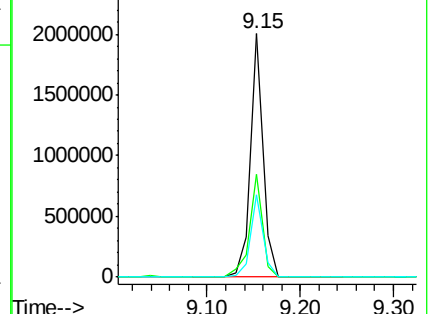
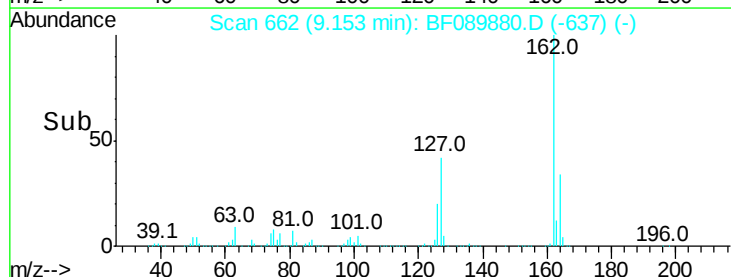
164 34.0 26.6 40.0

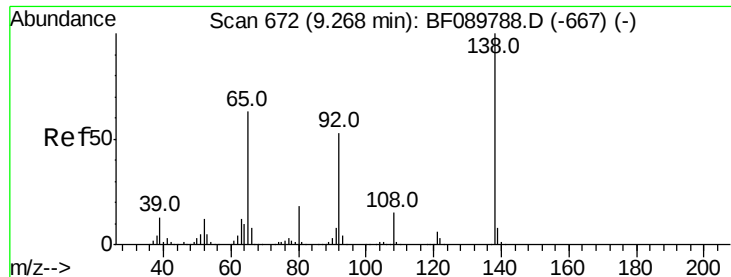


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 46.80 ng

RT: 9.26 min Scan# 671

Delta R.T. -0.01 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

Instrument :

BNA_F

ClientSampleId :

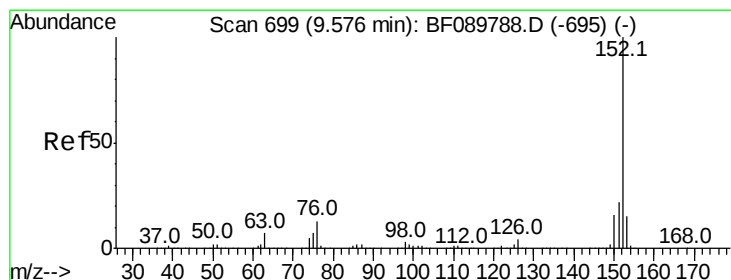
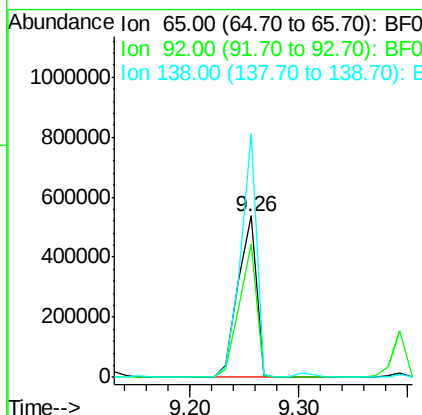
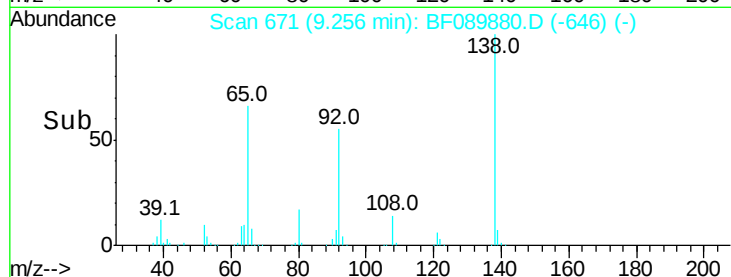
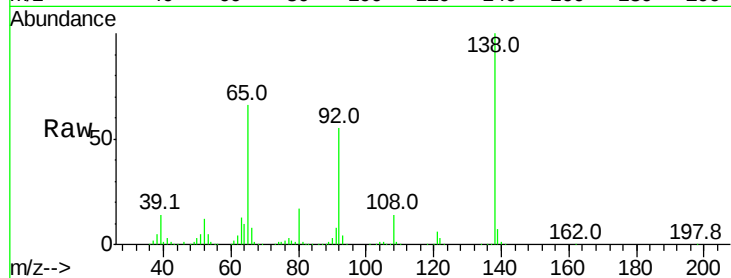
PB93077BS

Tot Ion: 65 Resp: 624577
Ion Ratio Lower Upper

65	100		
92	82.3	56.3	84.5
138	150.7	81.8	122.8#

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#48

Acenaphthylene

Concen: 41.65 ng

RT: 9.56 min Scan# 698

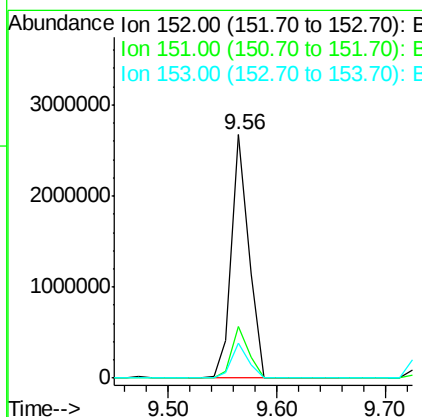
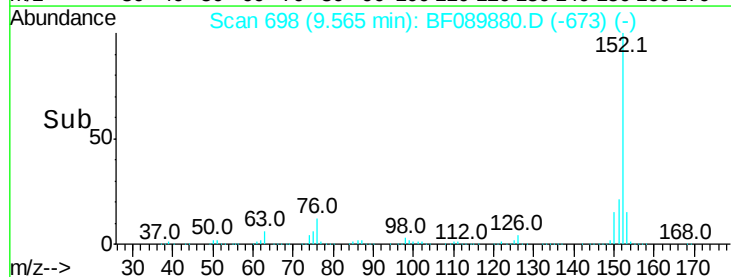
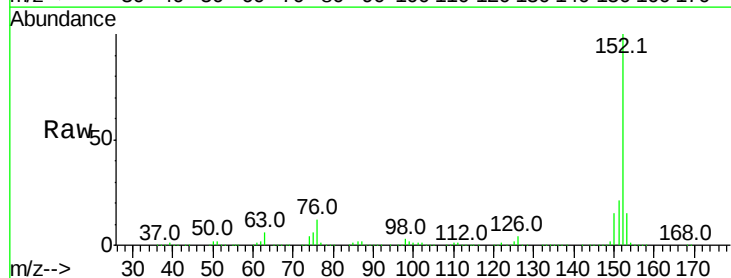
Delta R.T. -0.01 min

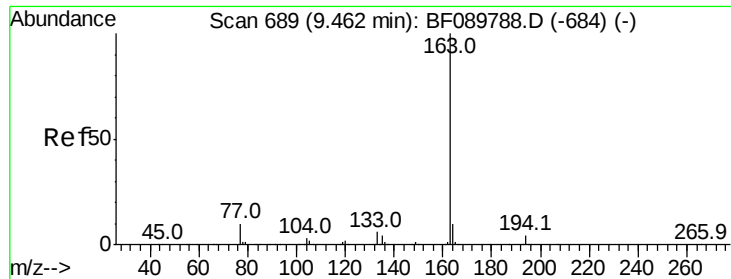
Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

Tgt Ion: 152 Resp: 2928314
Ion Ratio Lower Upper

152	100		
151	21.4	17.1	25.7
153	14.5	11.2	16.8





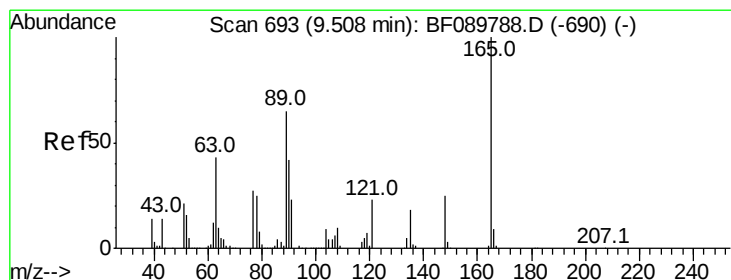
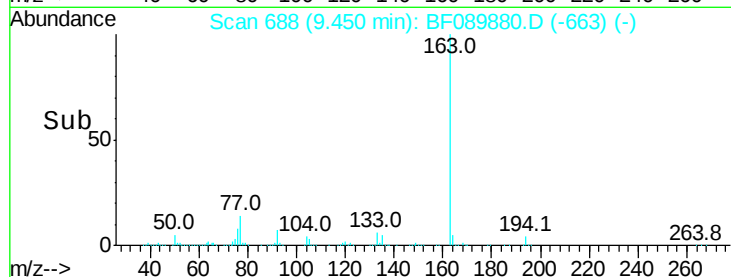
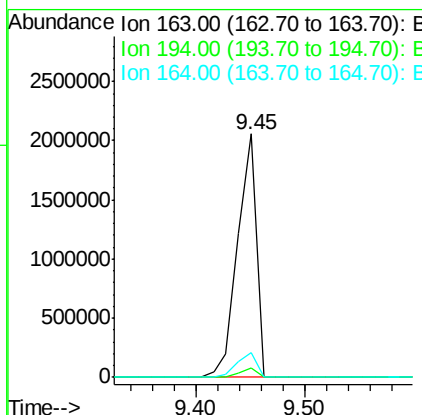
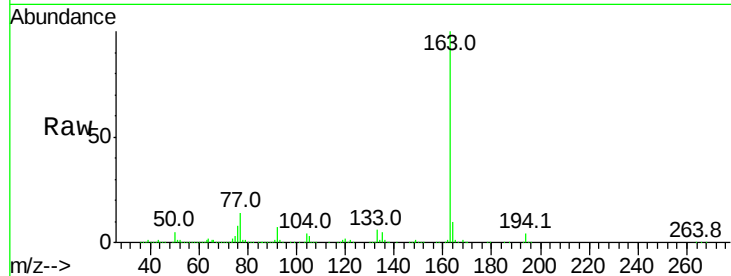
#49
Dimethylphthalate
Concen: 44.93 ng
RT: 9.45 min Scan# 688
Delta R.T. -0.01 min
Lab File: BF089880.D
Acq: 24 Aug 2016 17:48

Instrument :
BNA_F
ClientSampleID :
PB93077BS

Tot Ion:163 Resp: 2419926
Ion Ratio Lower Upper
163 100
194 3.9 2.6 3.8#
164 10.3 8.6 12.8

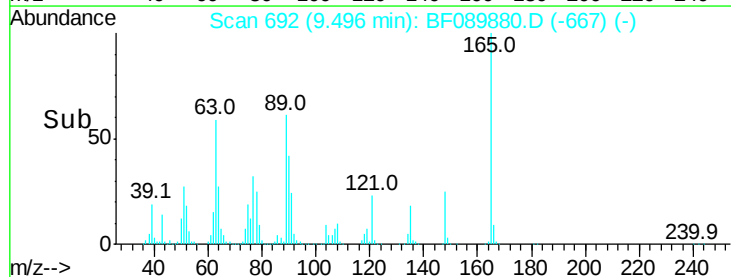
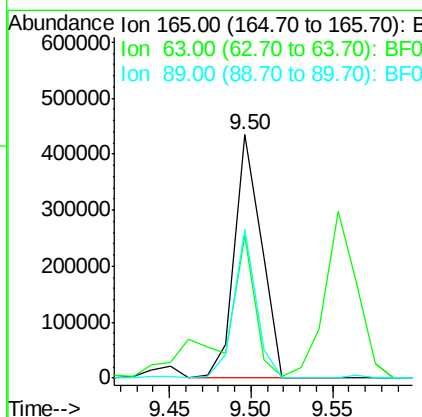
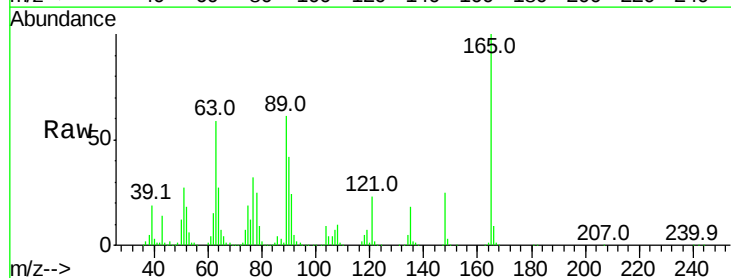
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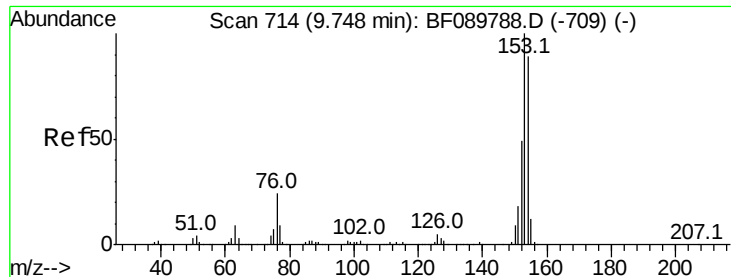
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#50
2,6-Dinitrotoluene
Concen: 39.53 ng
RT: 9.50 min Scan# 692
Delta R.T. -0.01 min
Lab File: BF089880.D
Acq: 24 Aug 2016 17:48

Tgt Ion:165 Resp: 491458
Ion Ratio Lower Upper
165 100
63 58.8 41.7 62.5
89 61.4 44.6 67.0





#51

Acenaphthene

Concen: 46.41 ng

RT: 9.74 min Scan# 713

Delta R.T. -0.01 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

Instrument :

BNA_F

ClientSampleId :

PB93077BS

Tot Ion:154 Resp: 2159337

Ion Ratio Lower Upper

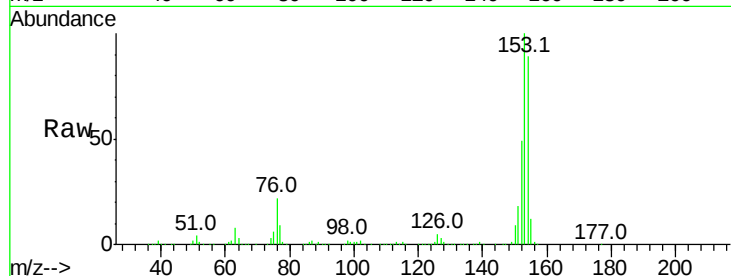
154 100

153 112.4 90.5 135.7

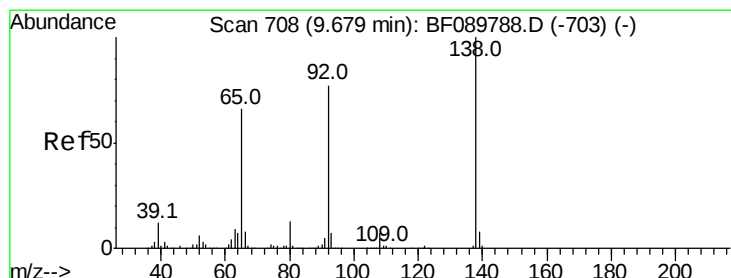
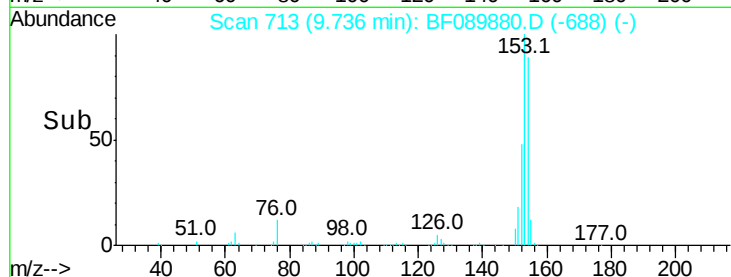
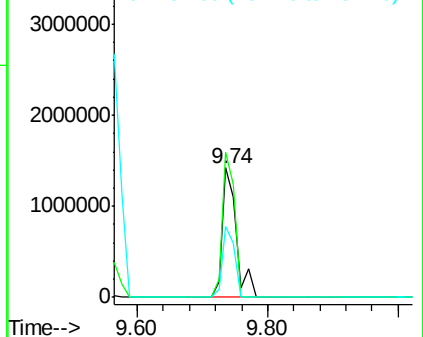
152 54.5 44.6 67.0

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 31.46 ng

RT: 9.67 min Scan# 707

Delta R.T. -0.01 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

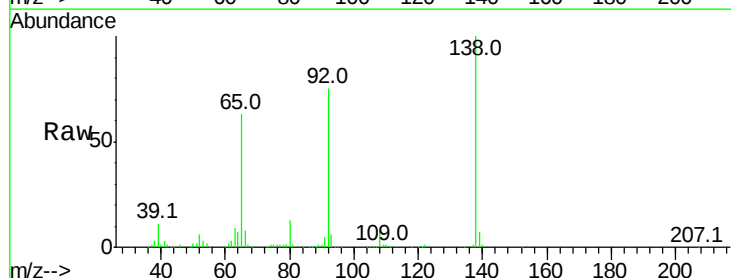
Tgt Ion:138 Resp: 433354

Ion Ratio Lower Upper

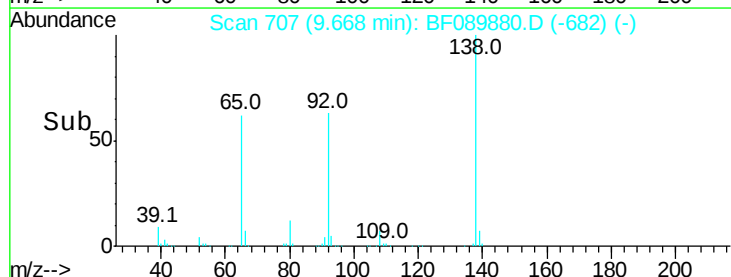
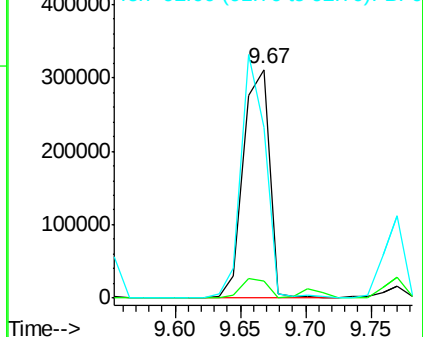
138 100

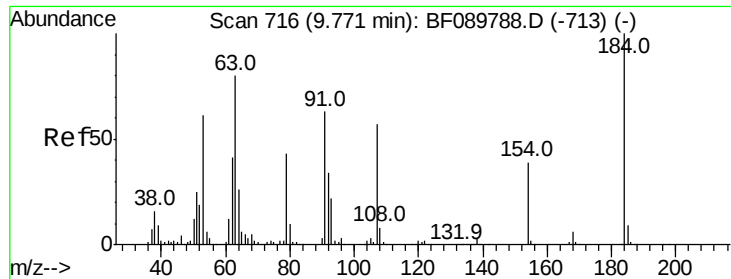
108 7.5 8.1 12.1#

92 74.5 92.7 139.1#



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





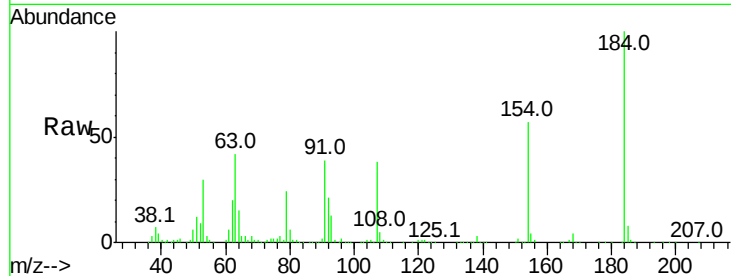
#53
 2,4-Dinitrophenol
 Concen: 72.91 ng
 RT: 9.77 min Scan# 716
 Delta R.T. 0.00 min
 Lab File: BF089880.D
 Acq: 24 Aug 2016 17:48

Instrument :
 BNA_F
 ClientSampleId :
 PB93077BS

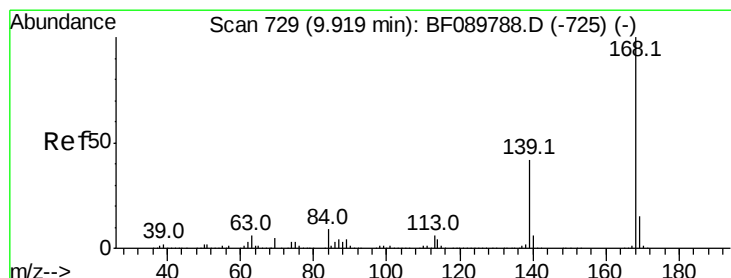
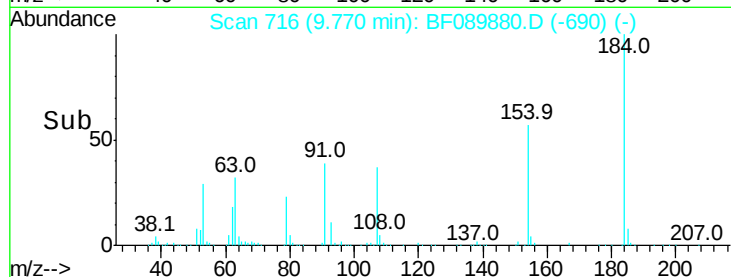
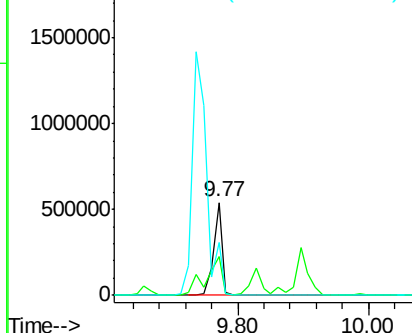
Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	41.9	54.2	81.4#	
154	56.6	52.7	79.1	

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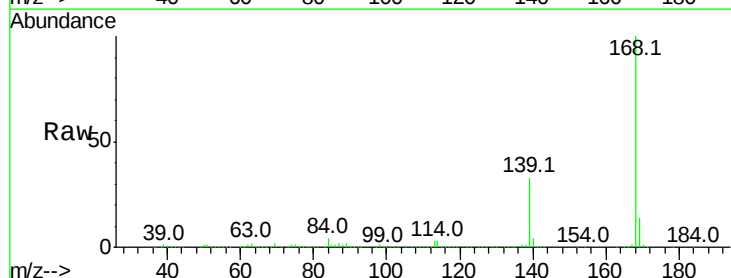


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

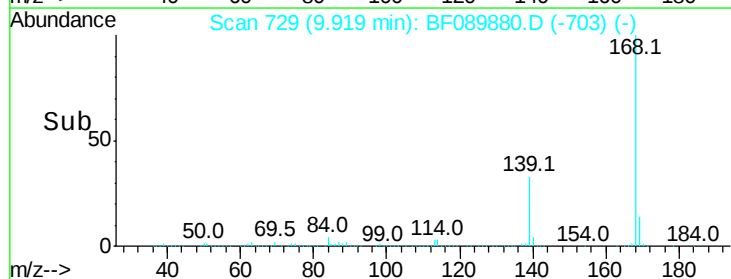
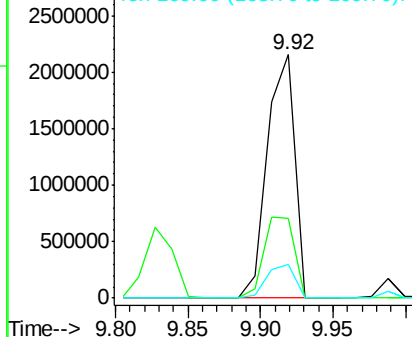


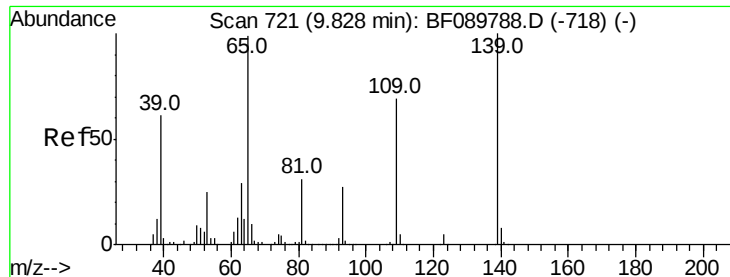
#54
 Dibenzofuran
 Concen: 48.17 ng
 RT: 9.92 min Scan# 729
 Delta R.T. -0.00 min
 Lab File: BF089880.D
 Acq: 24 Aug 2016 17:48

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	32.6	34.6	52.0#	
169	13.6	11.5	17.3	



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: 78.76 ng

RT: 9.83 min Scan# 721

Delta R.T. 0.00 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

Instrument :

BNA_F

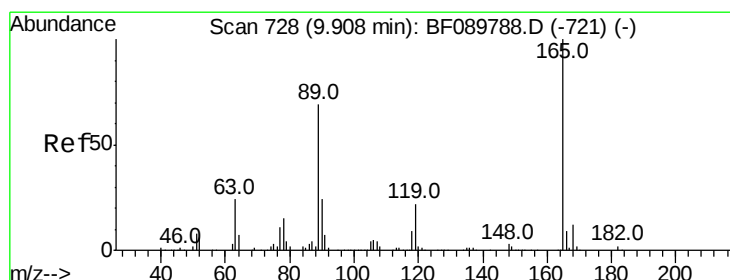
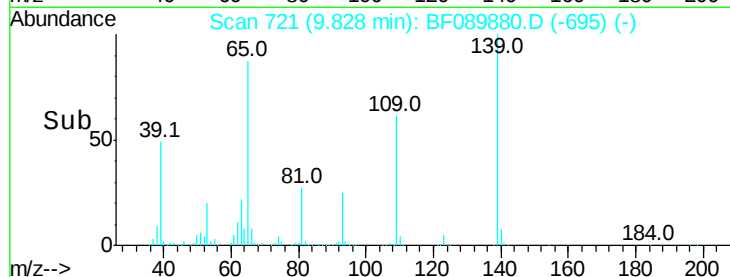
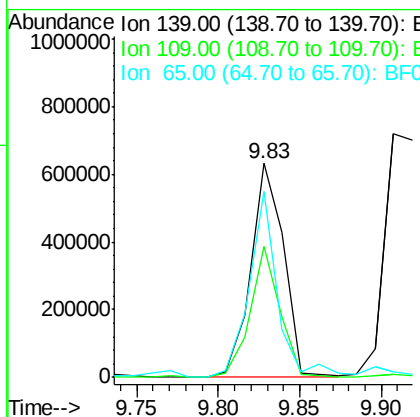
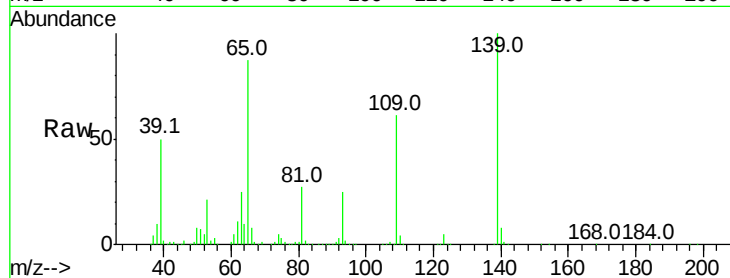
ClientSampleID :

PB93077BS

Tot Ion:	139	Resp:	885580
Ion Ratio	Lower	Upper	
139	100		
109	61.0	43.0	83.0
65	87.3	55.7	95.7

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#56

2,4-Dinitrotoluene

Concen: 40.32 ng

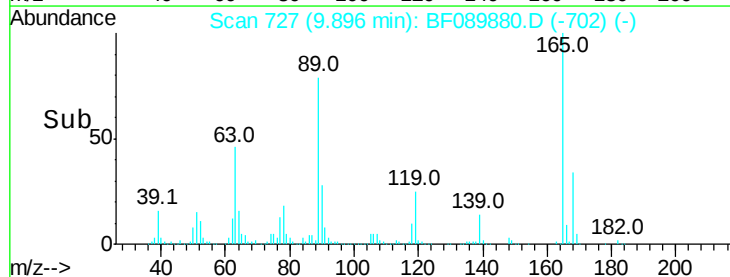
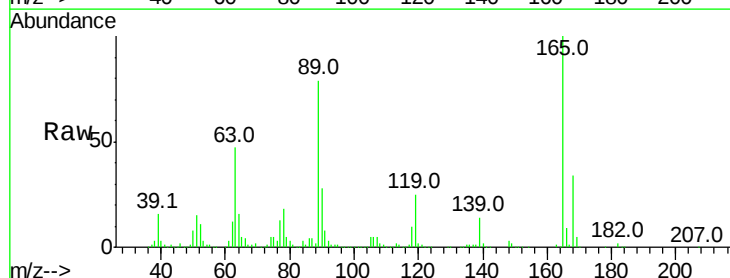
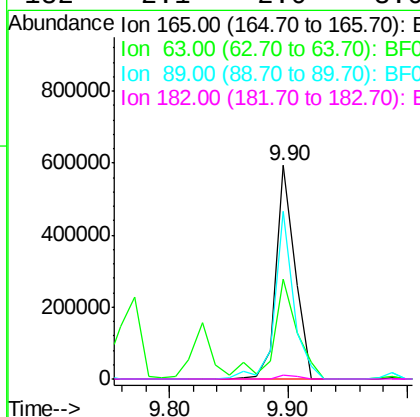
RT: 9.90 min Scan# 727

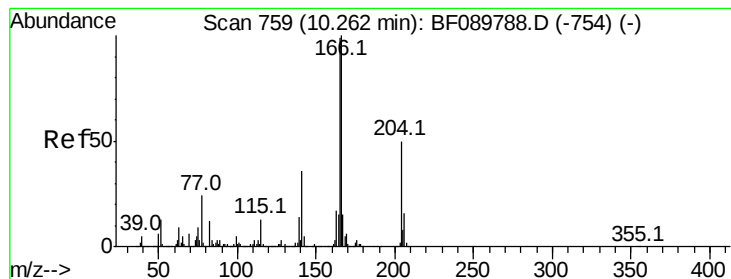
Delta R.T. -0.01 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

Tgt Ion:	165	Resp:	650457
Ion Ratio	Lower	Upper	
165	100		
63	46.6	23.7	35.5#
89	78.7	44.0	66.0#
182	2.1	2.0	3.0





#57

Fluorene

Concen: 40.24 ng

RT: 10.25 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

Instrument :

BNA_F

ClientSampleId :

PB93077BS

Tot Ion:166 Resp: 1874098

Ion Ratio Lower Upper

166 100

165 98.5 80.2 120.4

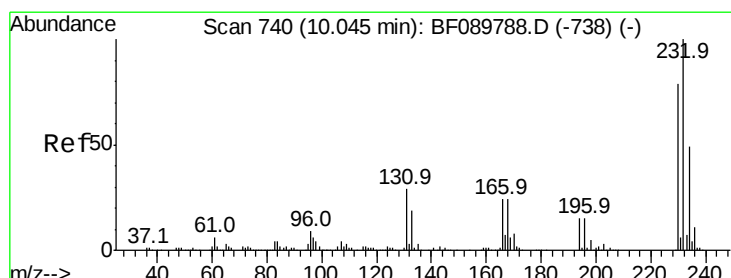
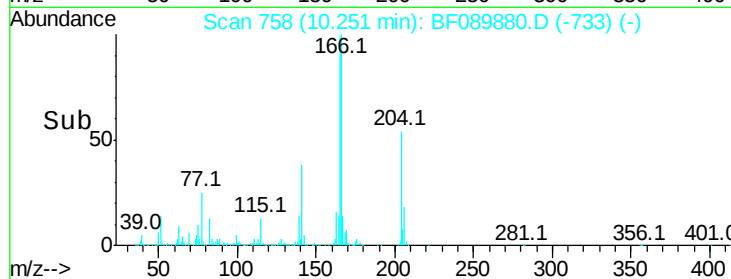
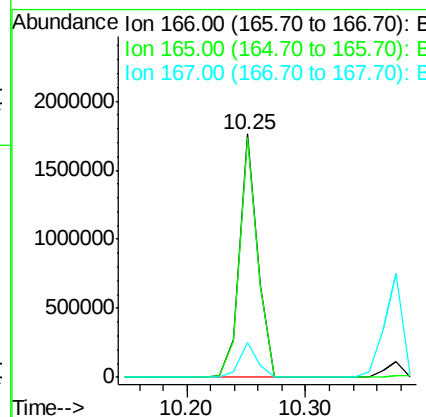
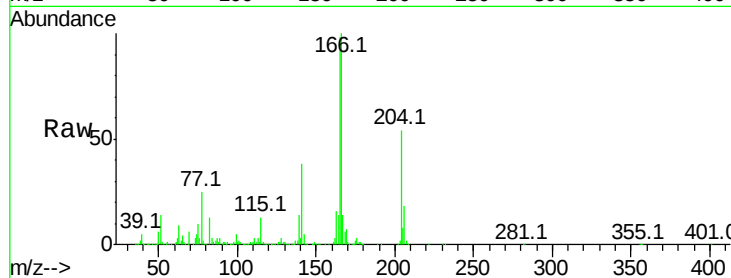
167 14.2 11.3 16.9

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#58

2,3,4,6-Tetrachlorophenol

Concen: 50.51 ng

RT: 10.03 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

Tgt Ion:232 Resp: 569753

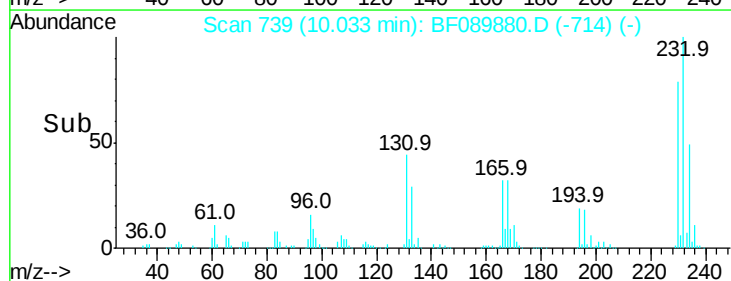
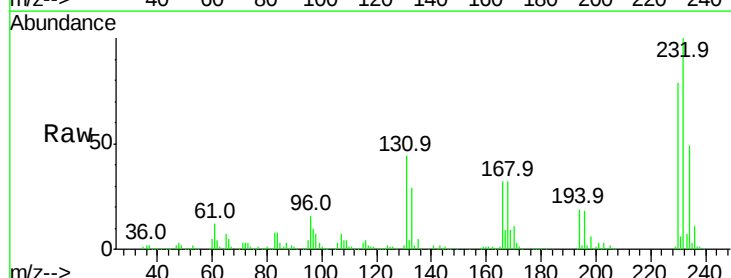
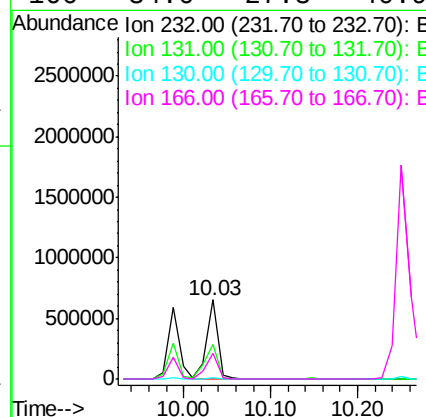
Ion Ratio Lower Upper

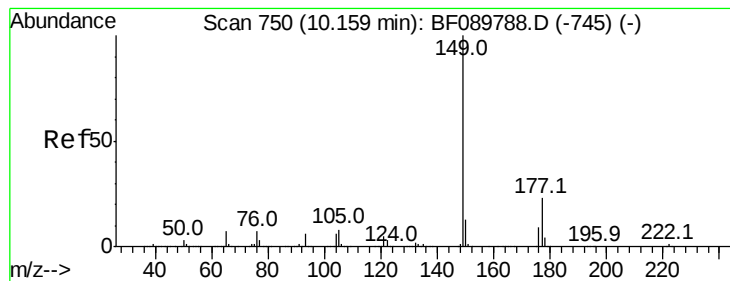
232 100

131 49.6 42.5 63.7

130 2.3 2.2 3.4

166 34.0 27.3 40.9





#59

Diethylphthalate

Concen: 43.84 ng

RT: 10.15 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

Instrument :

BNA_F

ClientSampleId :

PB93077BS

Tot Ion:149 Resp: 2398445

Ion Ratio Lower Upper

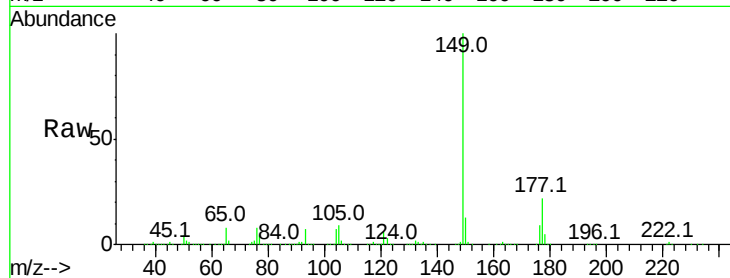
149 100

177 22.3 16.6 25.0

150 13.1 10.5 15.7

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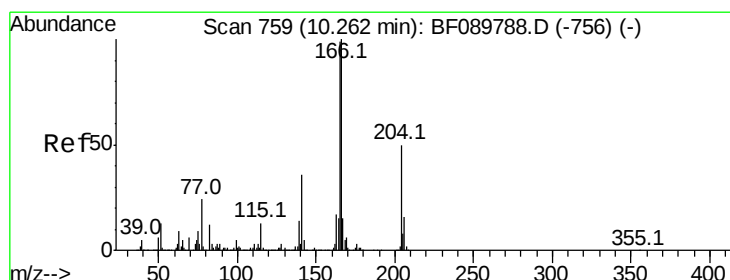
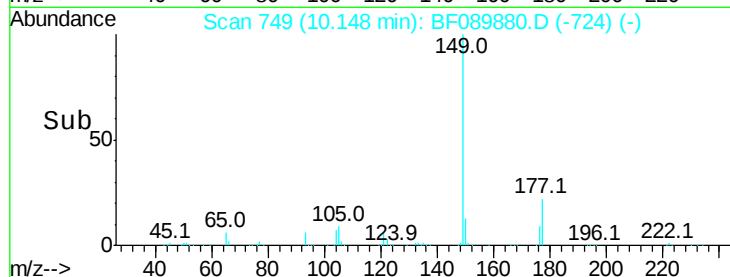
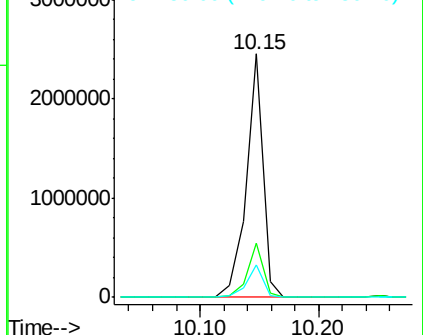
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 39.53 ng

RT: 10.25 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

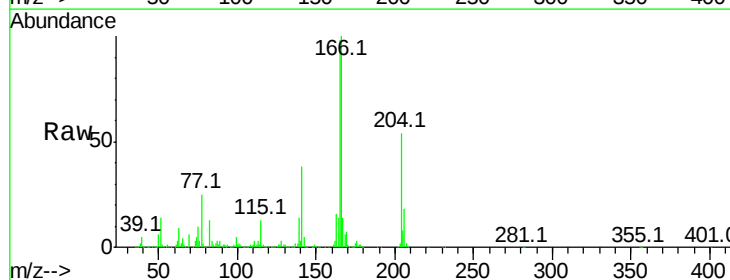
Tgt Ion:204 Resp: 839882

Ion Ratio Lower Upper

204 100

206 33.0 26.5 39.7

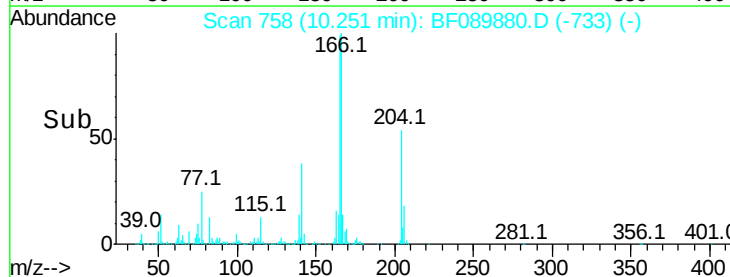
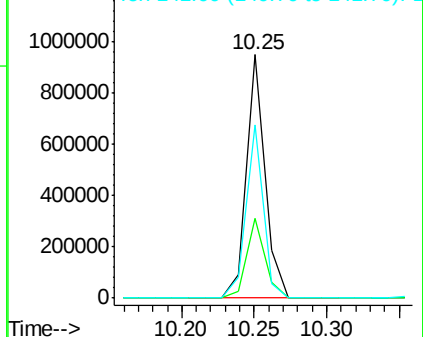
141 71.2 54.1 81.1

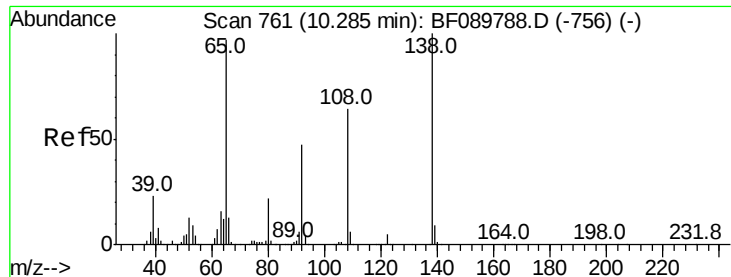


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





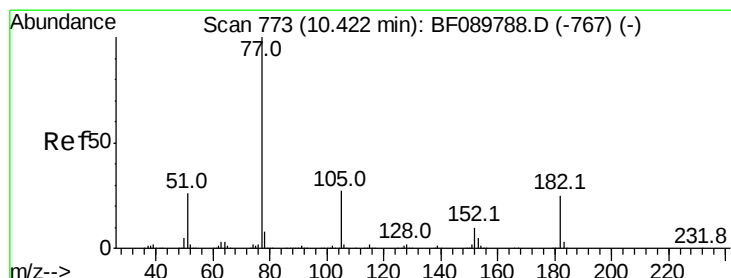
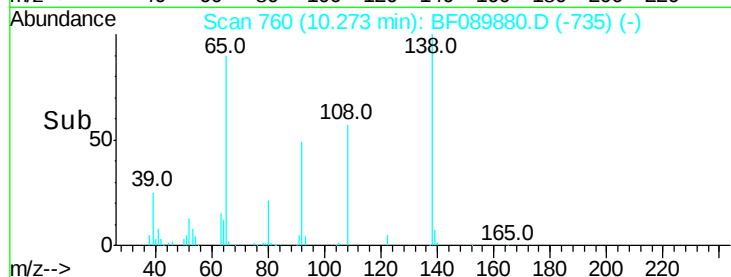
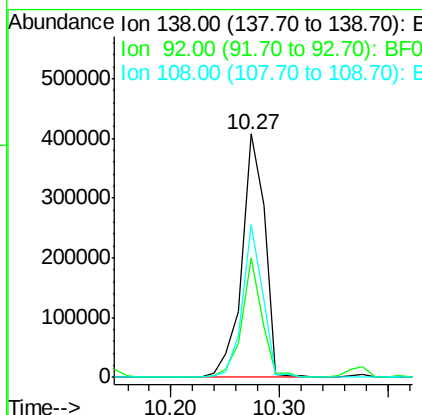
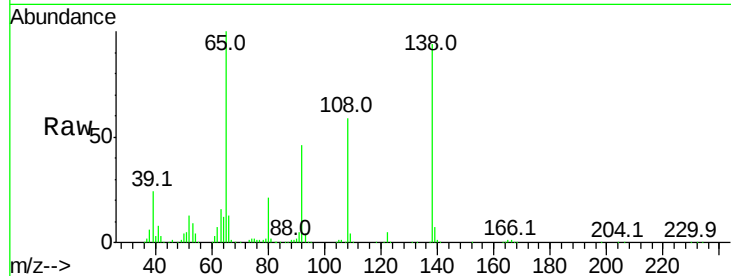
#61
4-Nitroaniline
Concen: 45.97 ng
RT: 10.27 min Scan# 760
Delta R.T. -0.01 min
Lab File: BF089880.D
Acq: 24 Aug 2016 17:48

Instrument :
BNA_F
ClientSampled :
PB93077BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	48.9	26.4	66.4
108	62.9	47.0	87.0

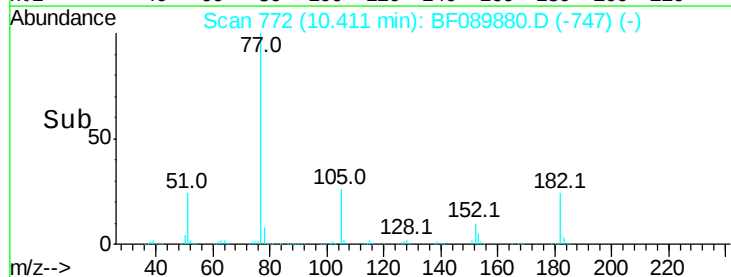
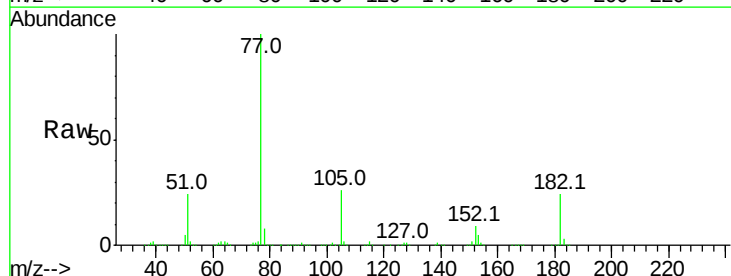
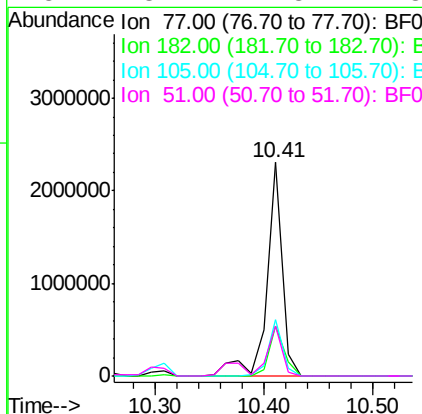
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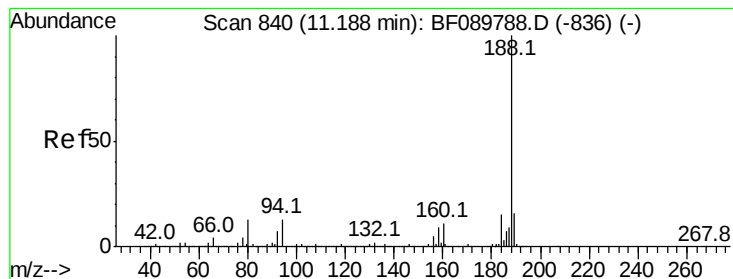
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#62
Azobenzene
Concen: 45.12 ng
RT: 10.41 min Scan# 772
Delta R.T. -0.01 min
Lab File: BF089880.D
Acq: 24 Aug 2016 17:48

Tgt Ion	Ratio	Lower	Upper
77	100		
182	23.7	5.6	45.6
105	26.4	4.0	44.0
51	23.7	7.8	47.8





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.19 min Scan# 840

Delta R.T. -0.00 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

Instrument :

BNA_F

ClientSampleId :

PB93077BS

Tot Ion:188 Resp: 1476300

Ion Ratio Lower Upper

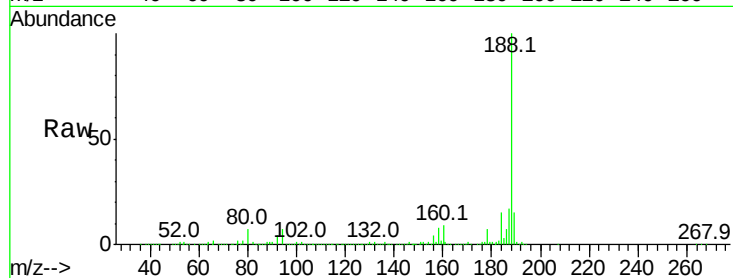
188 100

94 7.3 10.2 15.2#

80 7.1 10.9 16.3#

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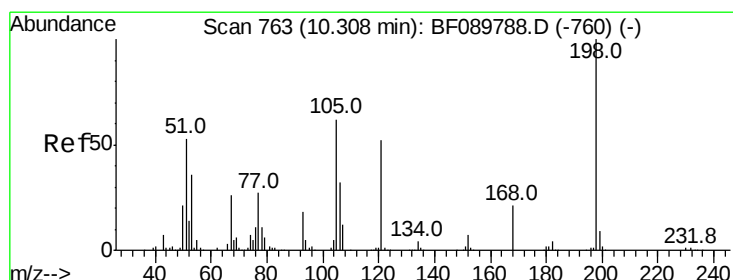
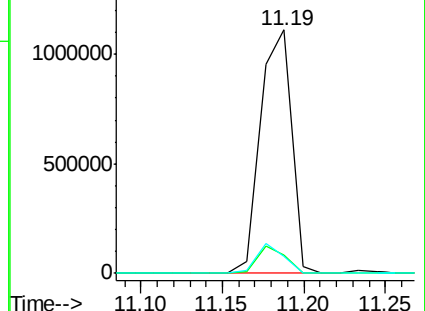
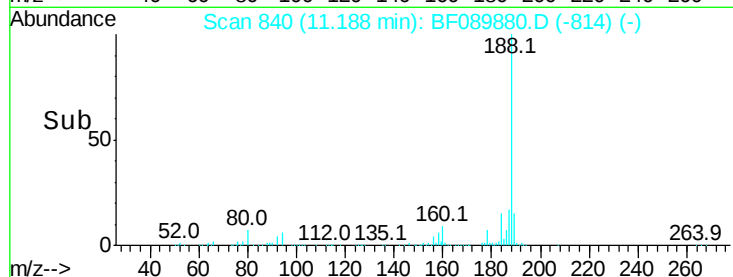
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Abundance Ion 188.00 (187.70 to 188.70): E

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: 42.70 ng

RT: 10.31 min Scan# 763

Delta R.T. 0.00 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

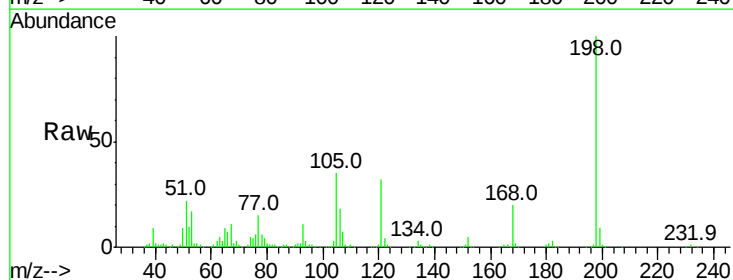
Tgt Ion:198 Resp: 362208

Ion Ratio Lower Upper

198 100

51 22.3 32.3 72.3#

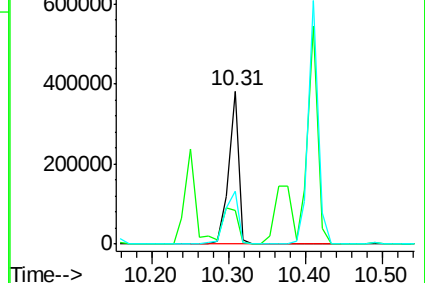
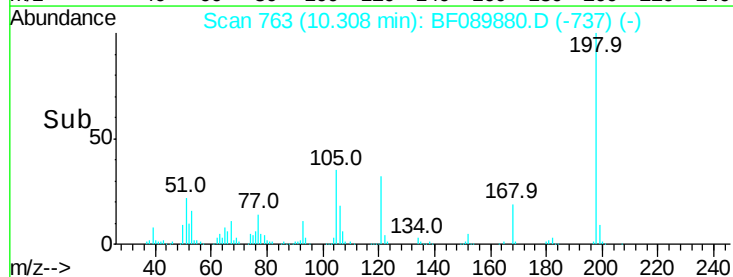
105 34.7 32.9 72.9

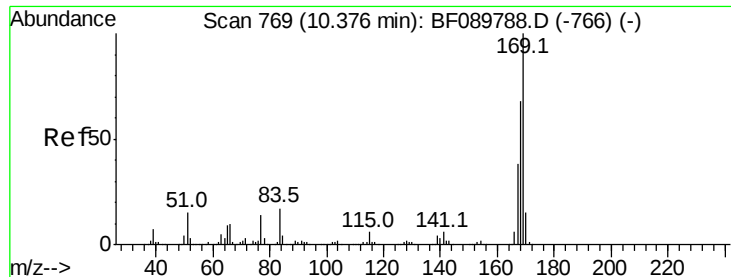


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 44.72 ng

RT: 10.38 min Scan# 769

Delta R.T. -0.00 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

Instrument :

BNA_F

ClientSampleId :

PB93077BS

Tot Ion:169 Resp: 2075914

Ion Ratio Lower Upper

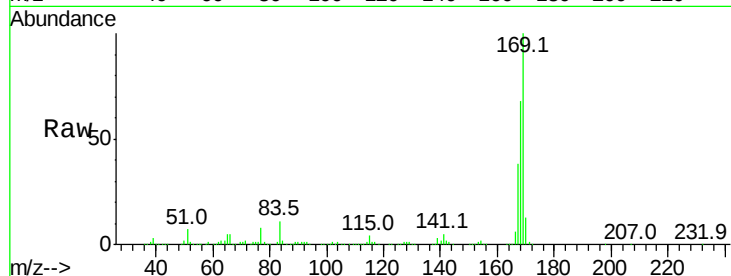
169 100

168 68.2 54.6 82.0

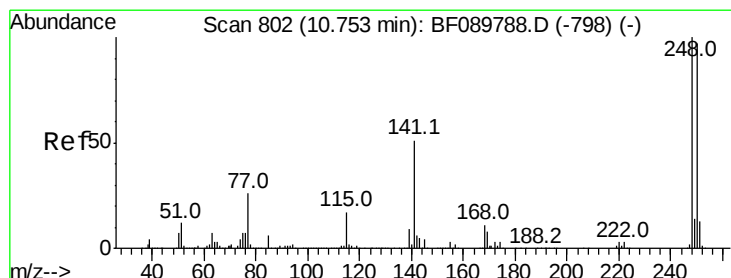
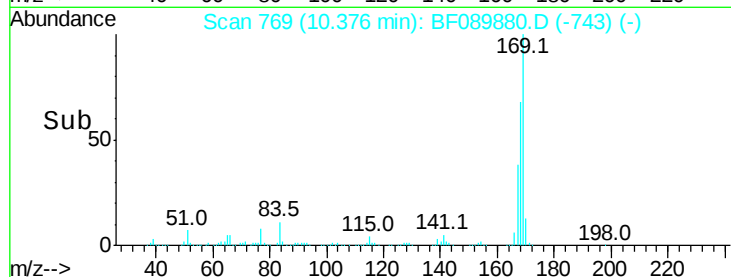
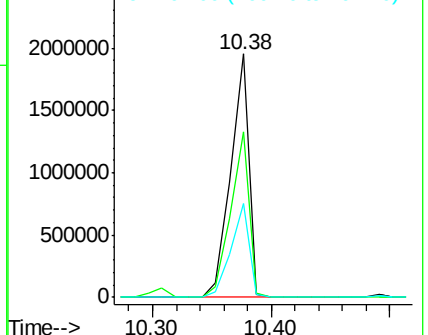
167 38.4 30.6 45.8

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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 41.01 ng

RT: 10.74 min Scan# 801

Delta R.T. -0.01 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

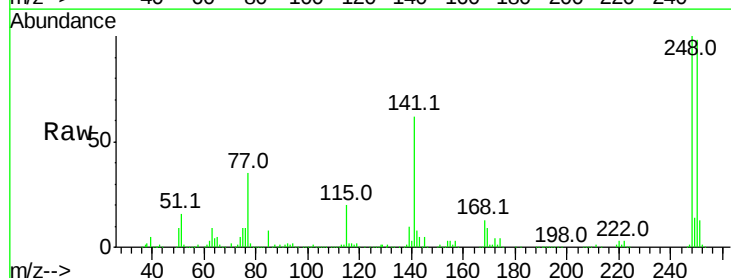
Tgt Ion:248 Resp: 634795

Ion Ratio Lower Upper

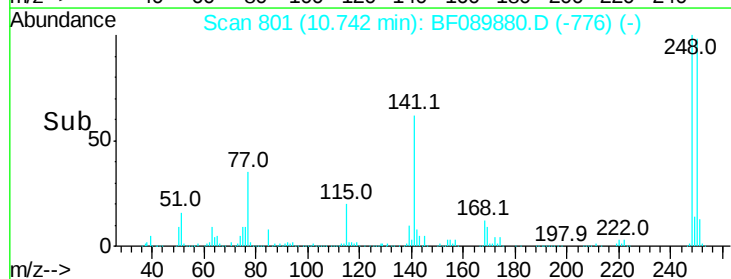
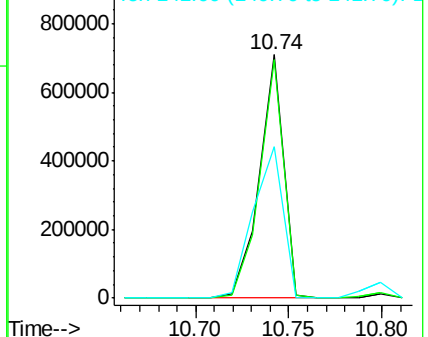
248 100

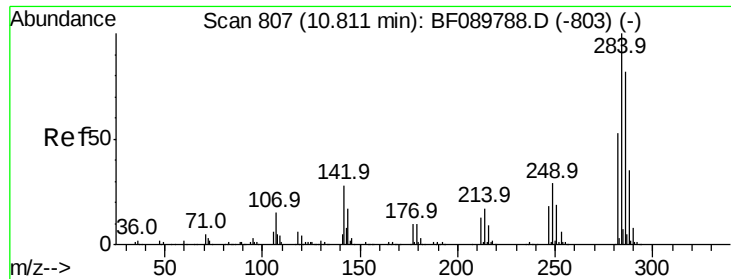
250 97.9 78.6 117.8

141 62.1 31.4 47.2#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 38.86 ng

RT: 10.80 min Scan# 806

Delta R.T. -0.01 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

Instrument :

BNA_F

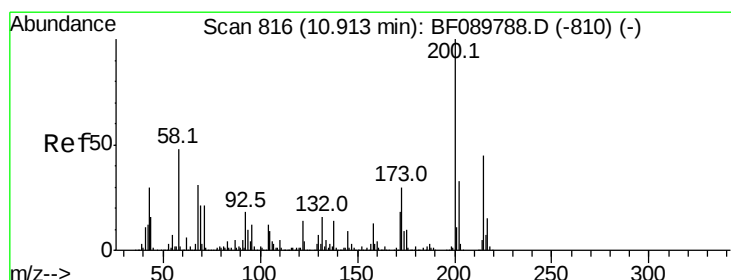
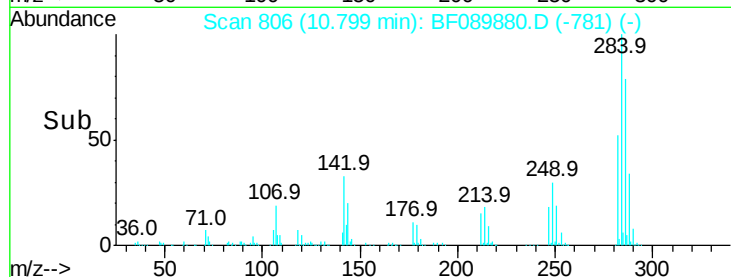
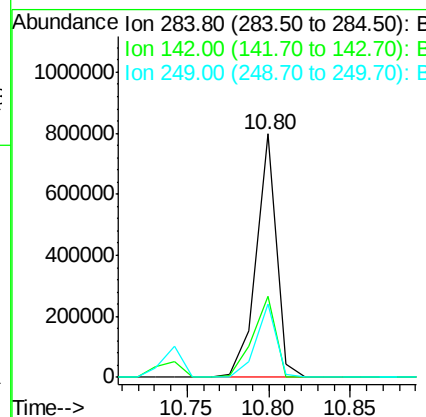
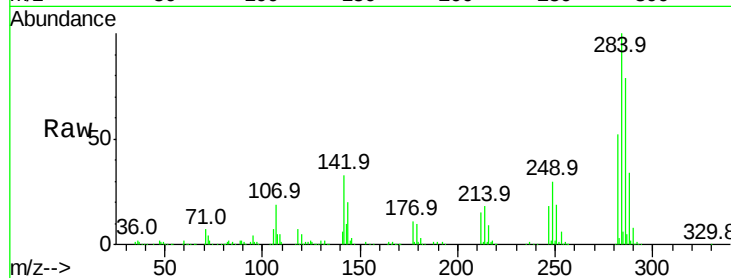
ClientSampled :

PB93077BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	33.2	17.4	26.2#	
249	30.1	22.8	34.2	

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#68

Atrazine

Concen: 37.41 ng

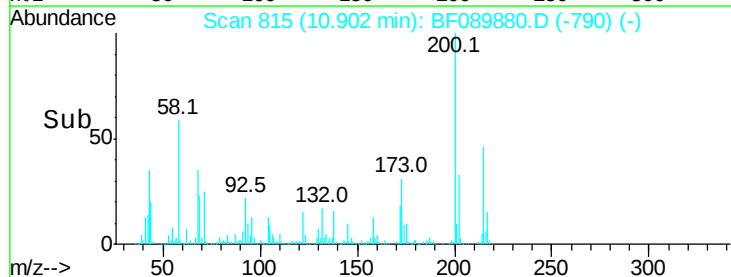
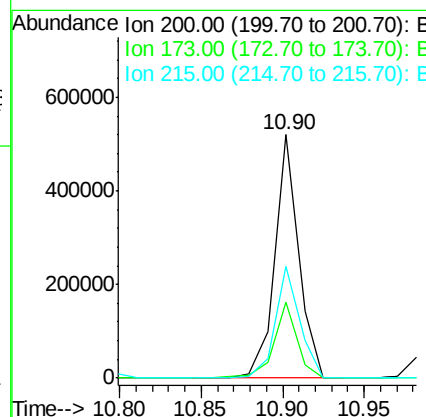
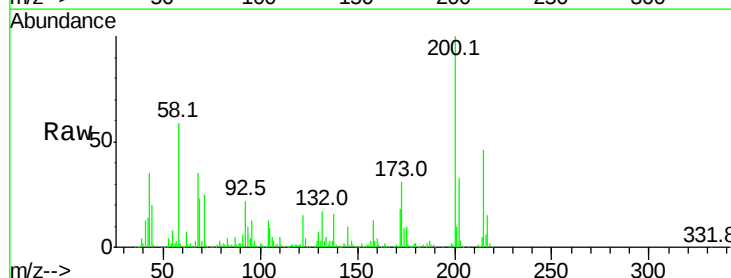
RT: 10.90 min Scan# 815

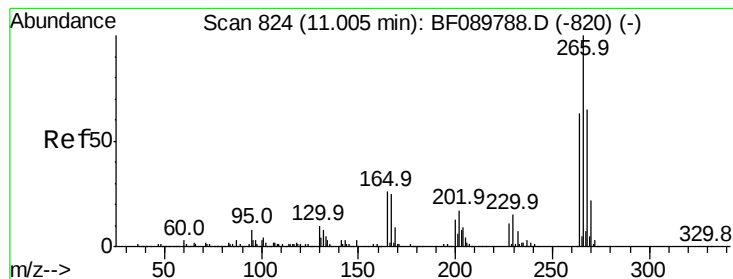
Delta R.T. -0.01 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	31.0	6.6	46.6	
215	46.1	24.7	64.7	





#69

Pentachlorophenol

Concen: 72.70 ng

RT: 10.99 min Scan# 823

Delta R.T. -0.01 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

Instrument :

BNA_F

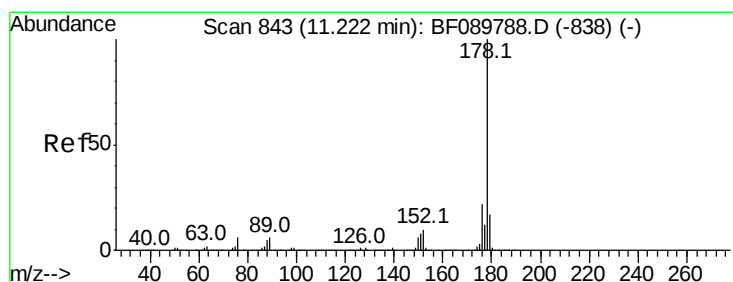
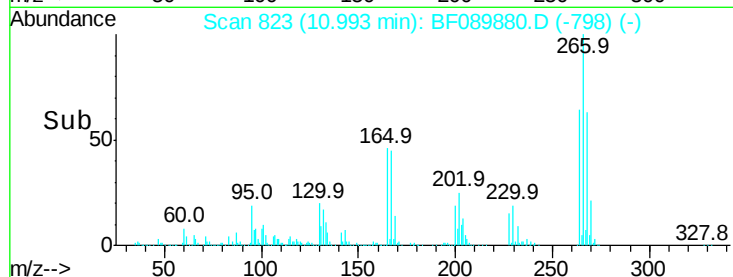
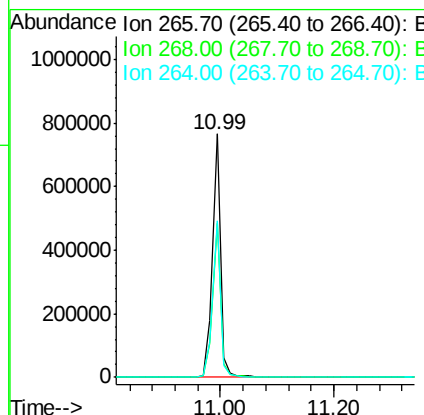
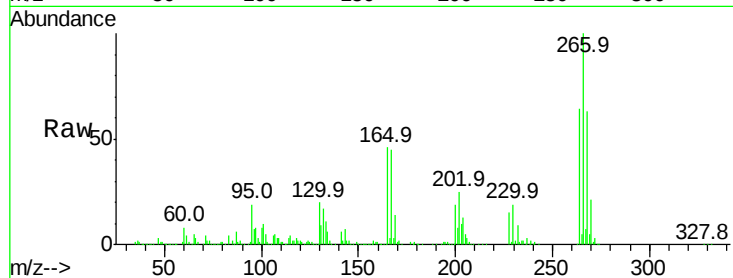
ClientSampleId :

PB93077BS

Tot Ion:	266	Resp:	727576
Ion Ratio	Lower	Upper	
266	100		
268	63.4	53.2	79.8
264	64.3	51.1	76.7

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#70

Phenanthrene

Concen: 43.36 ng

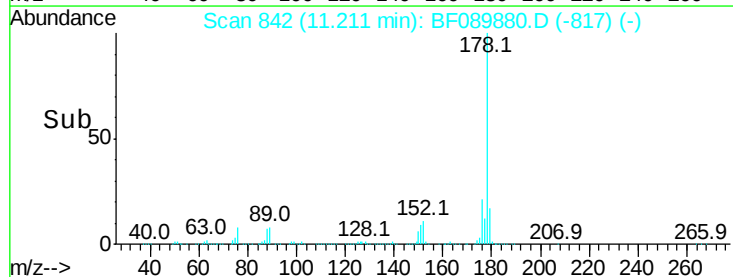
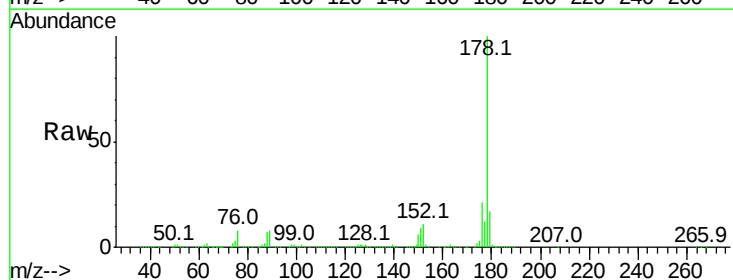
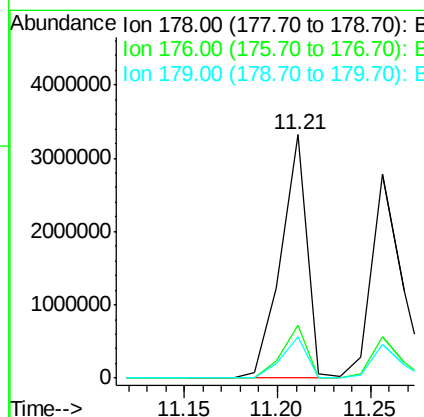
RT: 11.21 min Scan# 842

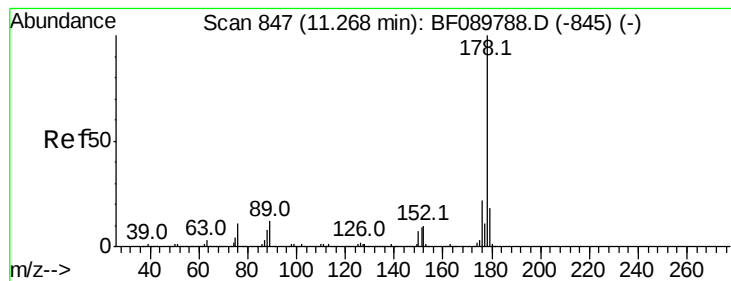
Delta R.T. -0.01 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

Tgt Ion:	178	Resp:	3233305
Ion Ratio	Lower	Upper	
178	100		
176	21.5	16.4	24.6
179	17.0	12.5	18.7





#71

Anthracene

Concen: 38.70 ng

RT: 11.26 min Scan# 846

Delta R.T. -0.01 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

Instrument :

BNA_F

ClientSampleId :

PB93077BS

Tot Ion:178 Resp: 2933579

Ion Ratio Lower Upper

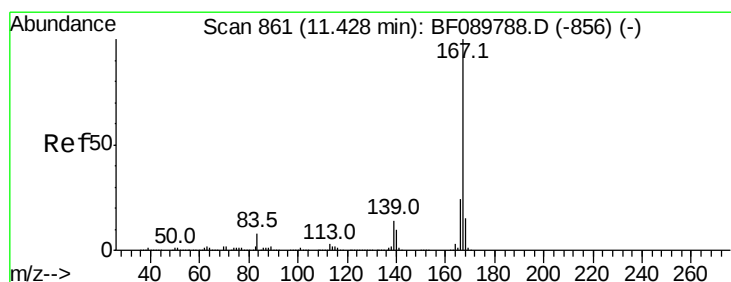
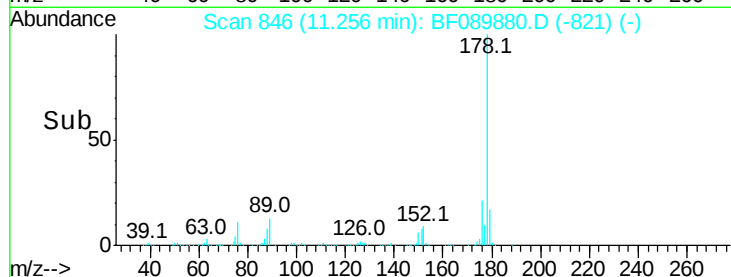
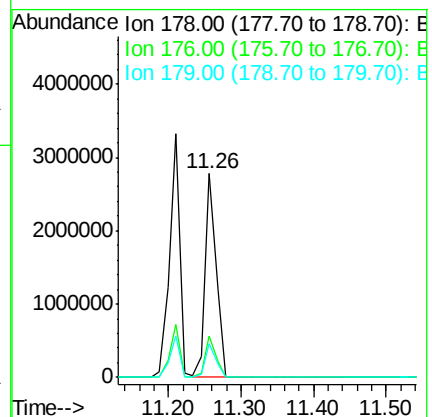
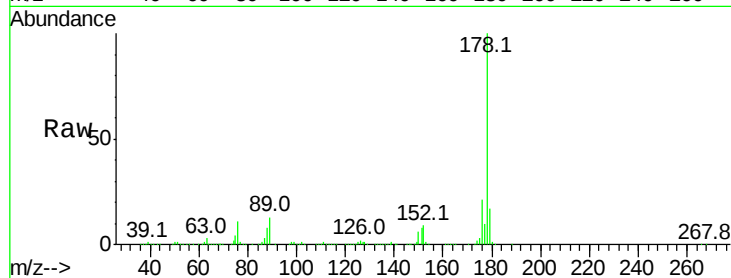
178 100

176 20.6 16.4 24.6

179 16.8 13.1 19.7

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#72

Carbazole

Concen: 44.39 ng

RT: 11.42 min Scan# 860

Delta R.T. -0.01 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

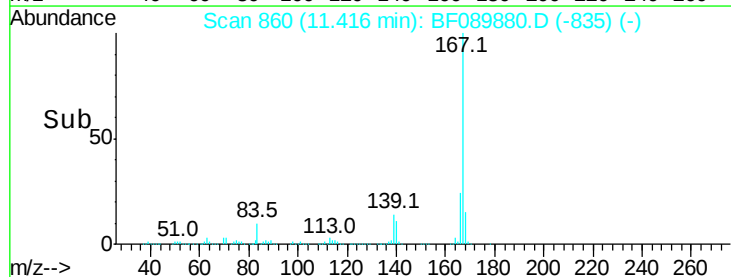
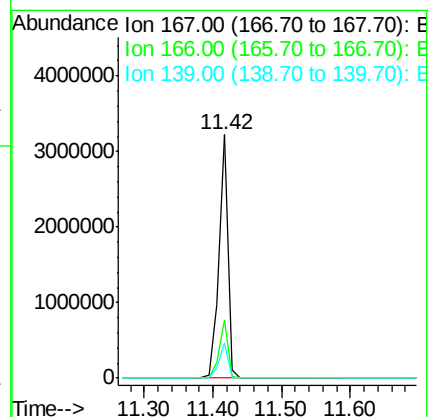
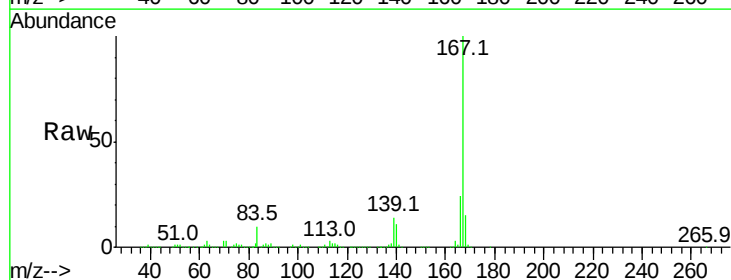
Tgt Ion:167 Resp: 3017455

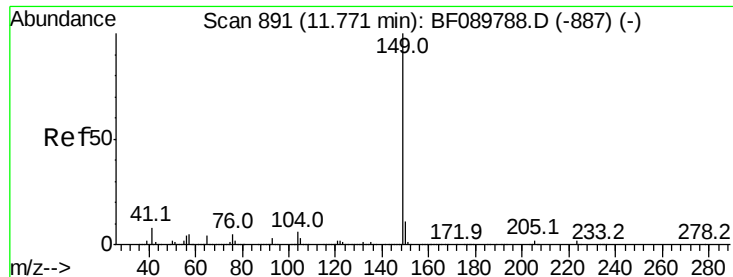
Ion Ratio Lower Upper

167 100

166 23.6 17.9 26.9

139 14.3 12.4 18.6





#73

Di-n-butylphthalate

Concen: 43.42 ng

RT: 11.77 min Scan# 891

Delta R.T. -0.00 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

Instrument :

BNA_F

ClientSampleId :

PB93077BS

Tot Ion:149 Resp: 3693085

Ion Ratio Lower Upper

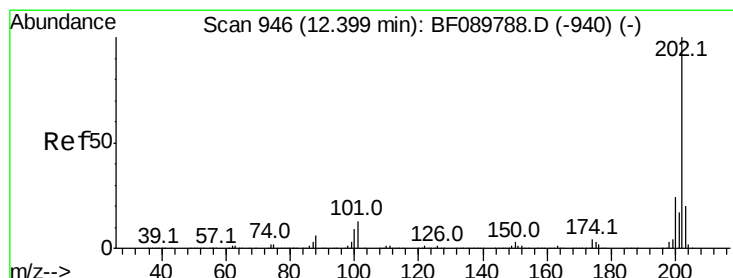
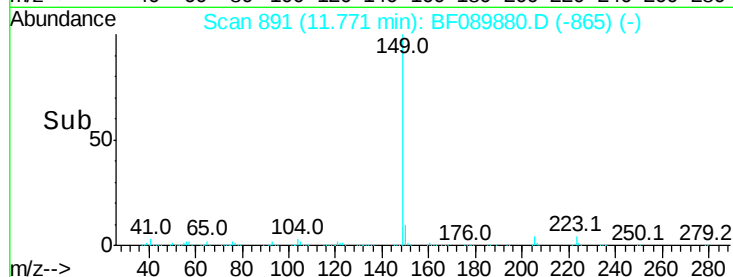
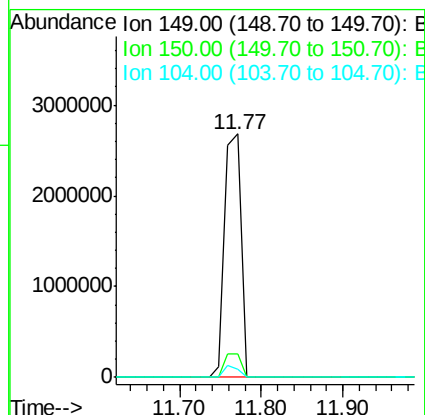
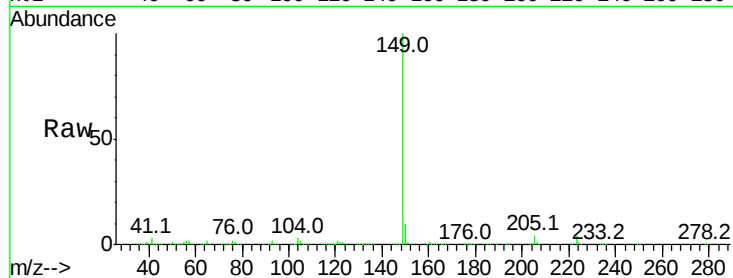
149 100

150 9.6 7.9 11.9

104 3.4 4.3 6.5#

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#74

Fluoranthene

Concen: 41.29 ng

RT: 12.39 min Scan# 945

Delta R.T. -0.01 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

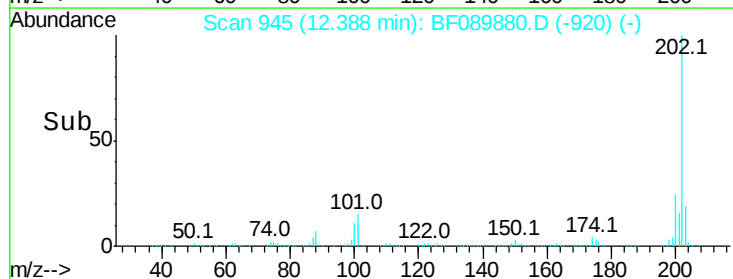
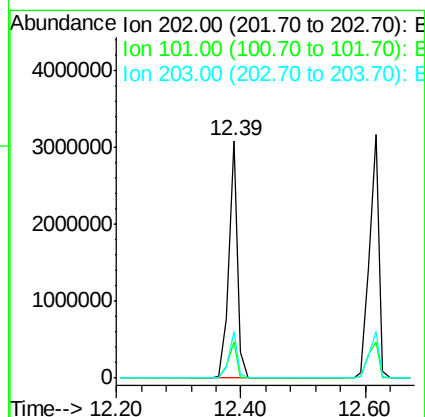
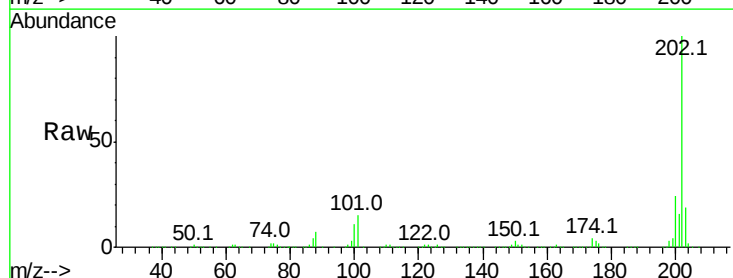
Tgt Ion:202 Resp: 2928598

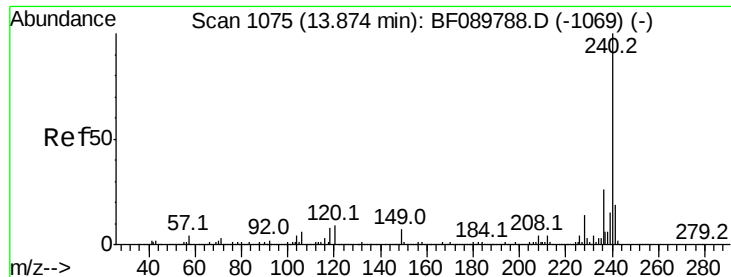
Ion Ratio Lower Upper

202 100

101 15.1 0.0 31.2

203 19.4 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.82 min Scan# 1070

Delta R.T. -0.06 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

Instrument :

BNA_F

ClientSampleId :

PB93077BS

Tot Ion:240 Resp: 1126682

Ion Ratio Lower Upper

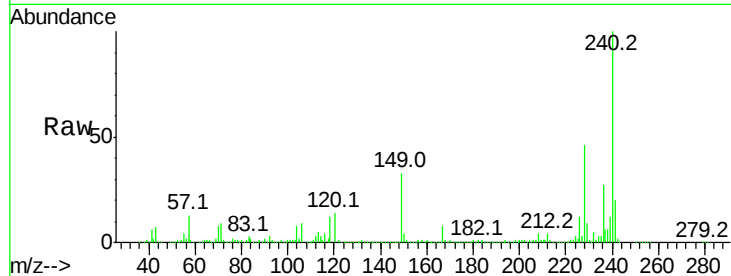
240 100

120 14.3 8.3 12.5#

236 27.2 21.3 31.9

Manual Integrations
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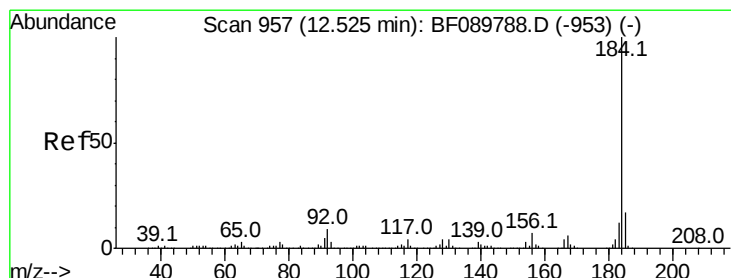
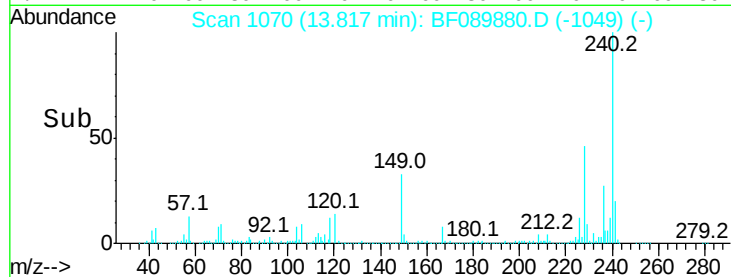
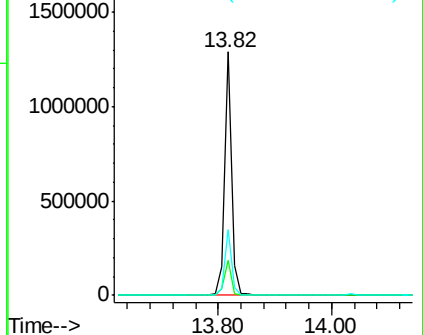
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 37.04 ng

RT: 12.51 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

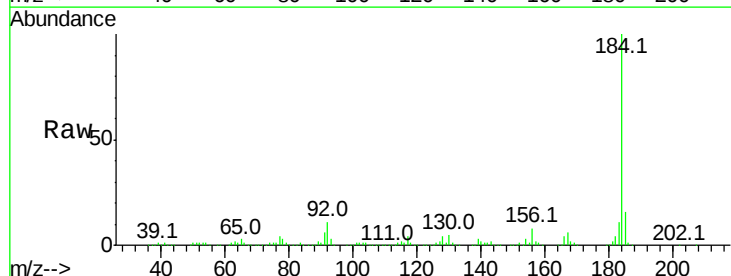
Tgt Ion:184 Resp: 1350691

Ion Ratio Lower Upper

184 100

185 15.9 13.8 20.8

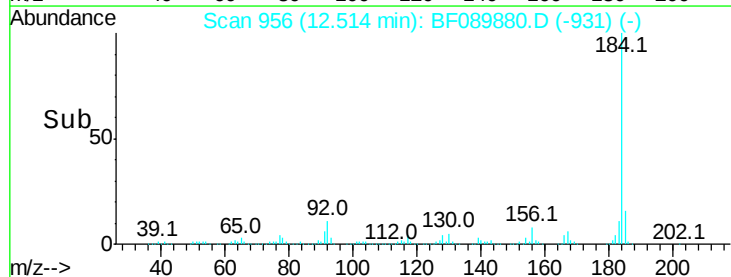
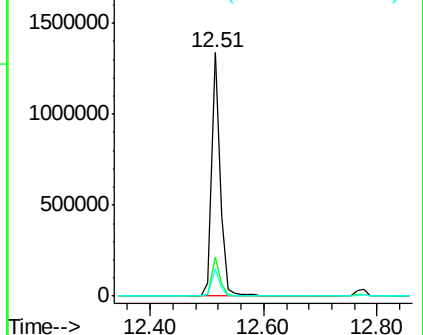
183 11.4 9.7 14.5

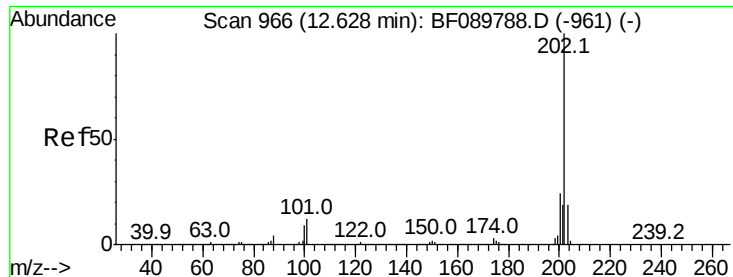


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 35.58 ng

RT: 12.62 min Scan# 965

Delta R.T. -0.01 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

Instrument :

BNA_F

ClientSampleId :

PB93077BS

Tot Ion:202 Resp: 3264533

Ion Ratio Lower Upper

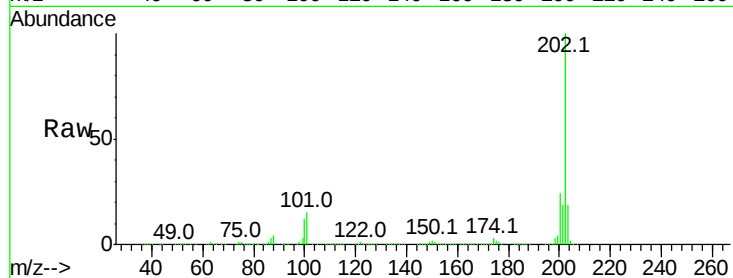
202 100

200 23.7 17.8 26.6

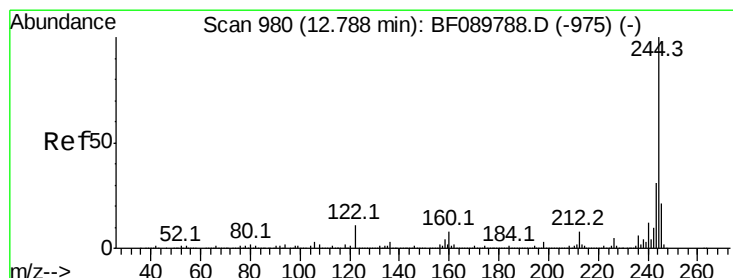
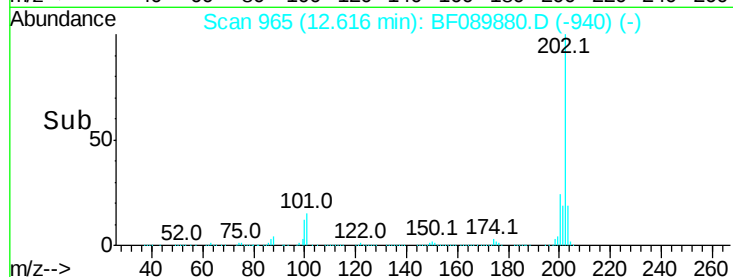
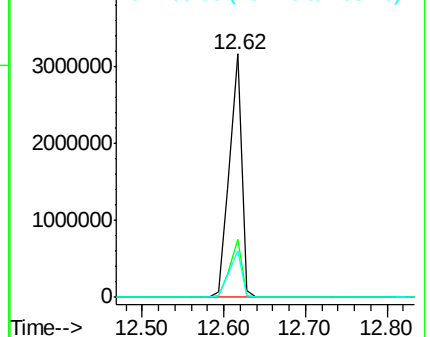
203 19.0 14.2 21.4

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 69.89 ng

RT: 12.78 min Scan# 979

Delta R.T. -0.01 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

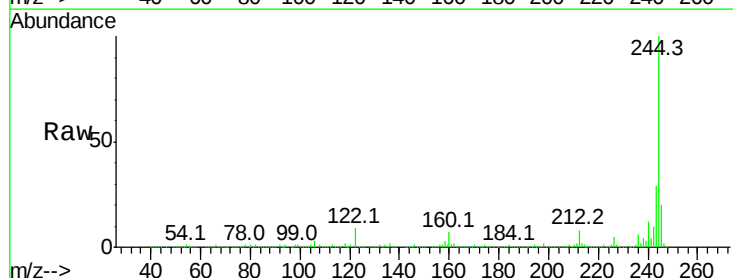
Tgt Ion:244 Resp: 3480749

Ion Ratio Lower Upper

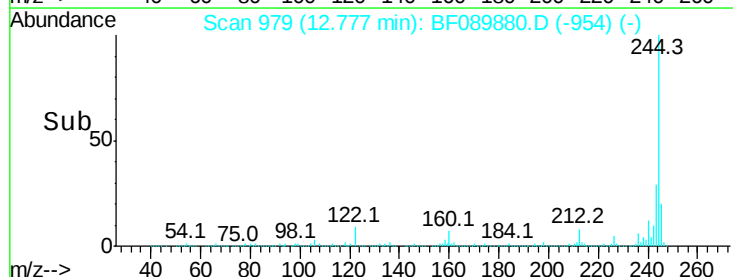
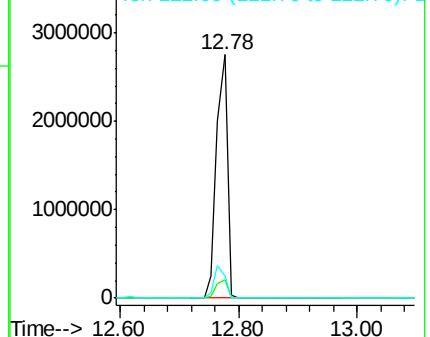
244 100

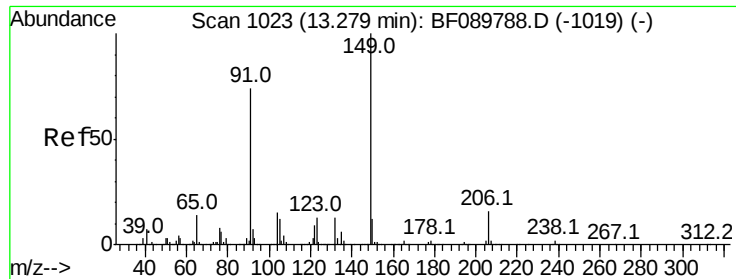
212 7.6 6.3 9.5

122 9.2 12.0 18.0#



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





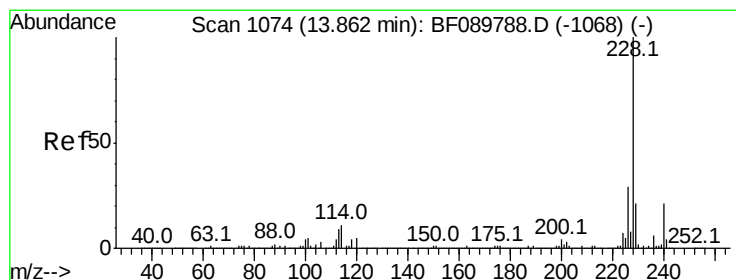
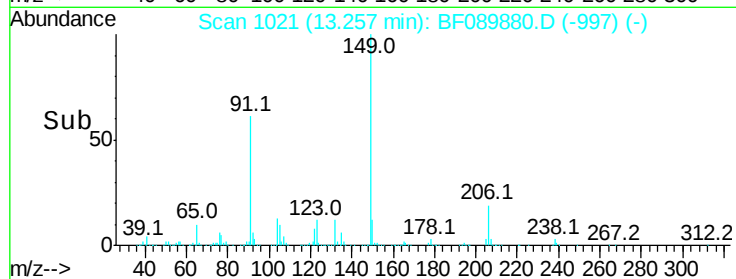
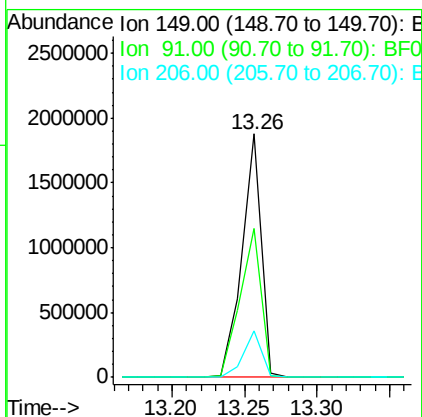
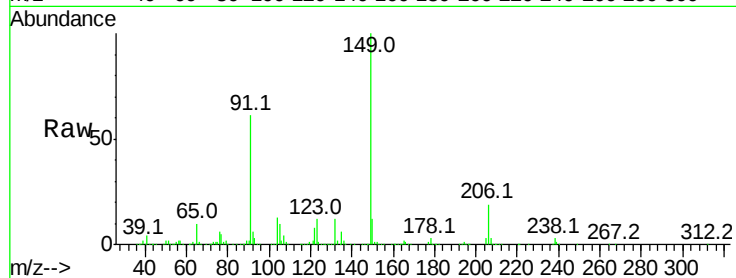
#79
Butylbenzylphthalate
Concen: 42.11 ng
RT: 13.26 min Scan# 1021
Delta R.T. -0.02 min
Lab File: BF089880.D
Acq: 24 Aug 2016 17:48

Instrument :
BNA_F
ClientSampleID :
PB93077BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	61.2	50.7	76.1
206	18.9	15.5	23.3

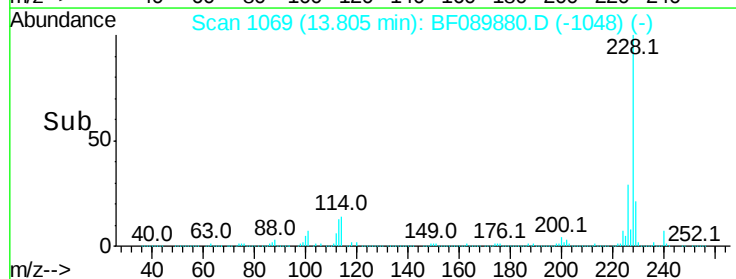
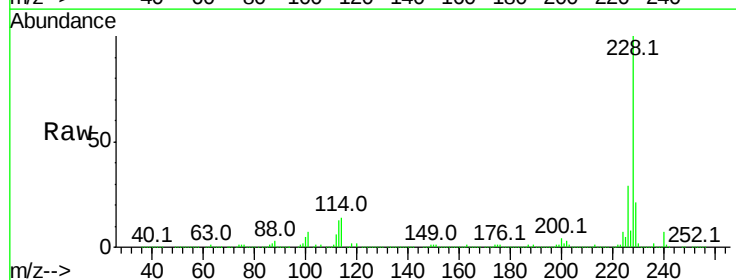
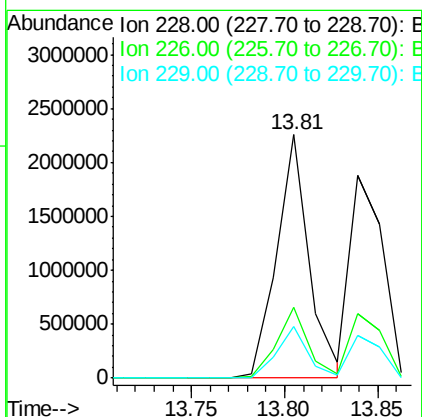
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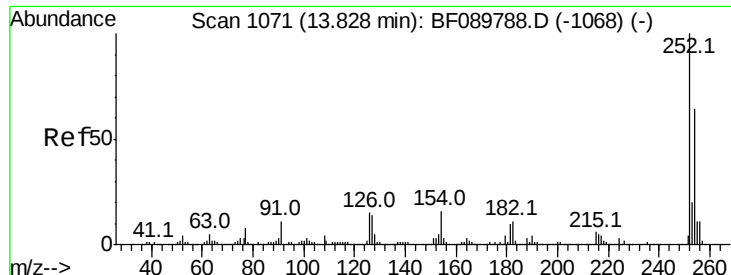
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#80
Benzo(a)anthracene
Concen: 42.15 ng
RT: 13.81 min Scan# 1069
Delta R.T. -0.06 min
Lab File: BF089880.D
Acq: 24 Aug 2016 17:48

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.2	34.8
229	21.1	16.2	24.4





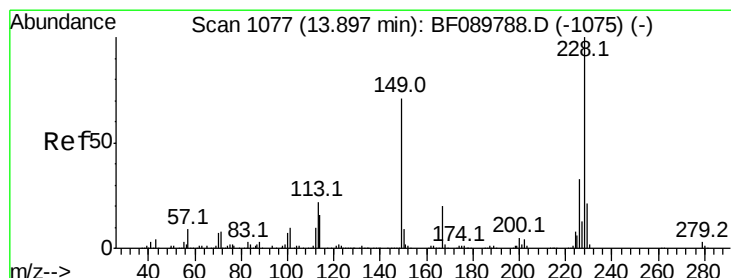
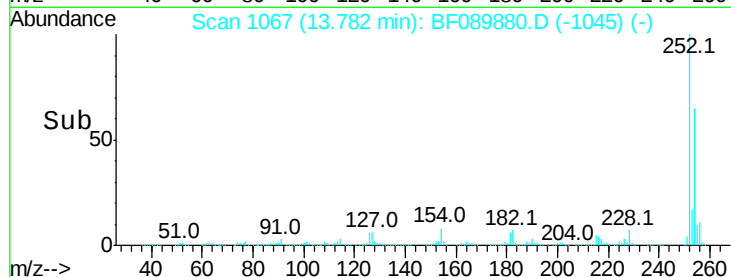
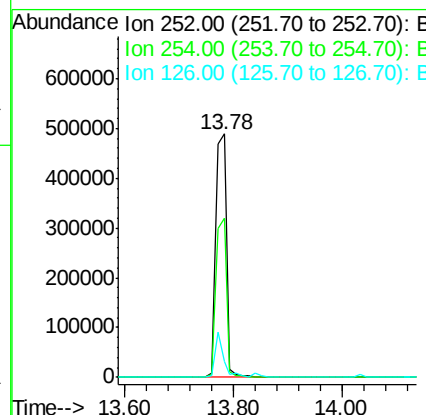
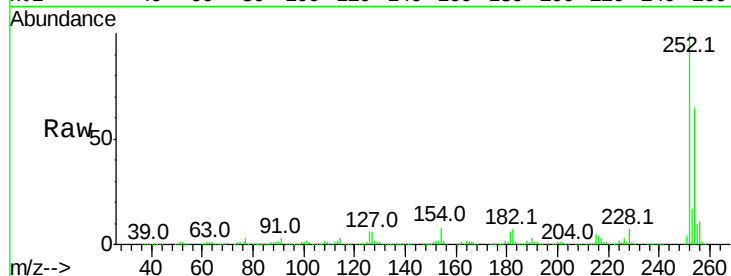
#81
 3,3'-Dichlorobenzidine
 Concen: 32.76 ng
 RT: 13.78 min Scan# 1067
 Delta R.T. -0.05 min
 Lab File: BF089880.D
 Acq: 24 Aug 2016 17:48

Instrument :
 BNA_F
 ClientSampleId :
 PB93077BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.5	50.6	75.8
126	6.3	12.6	18.8

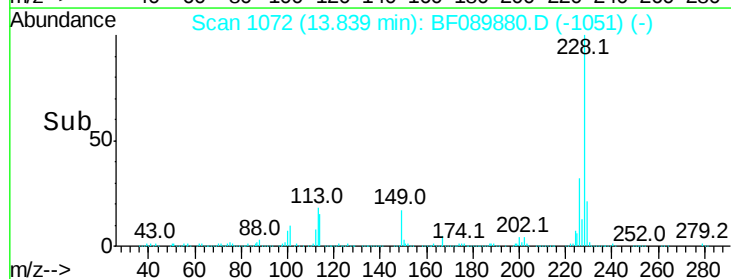
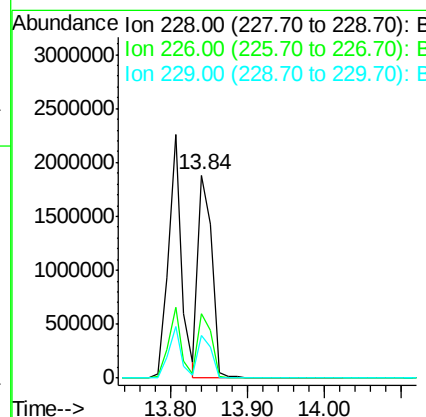
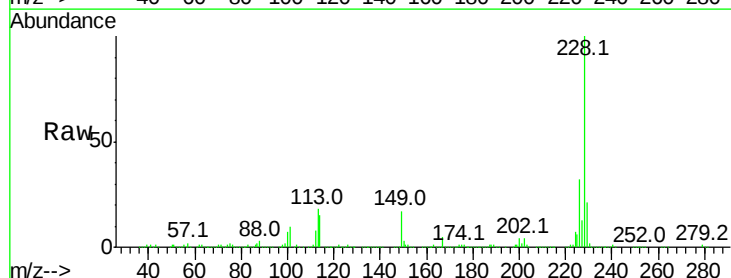
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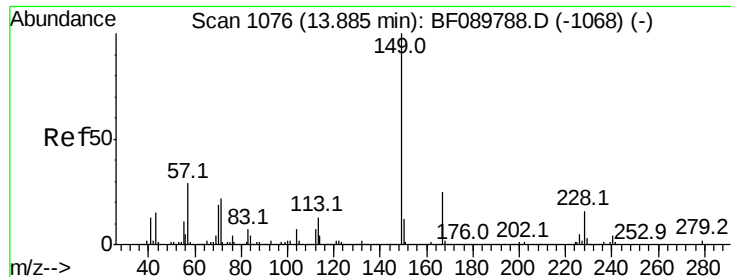
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#82
 Chrysene
 Concen: 42.41 ng
 RT: 13.84 min Scan# 1072
 Delta R.T. -0.06 min
 Lab File: BF089880.D
 Acq: 24 Aug 2016 17:48

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.7	25.4	38.0
229	20.8	16.5	24.7





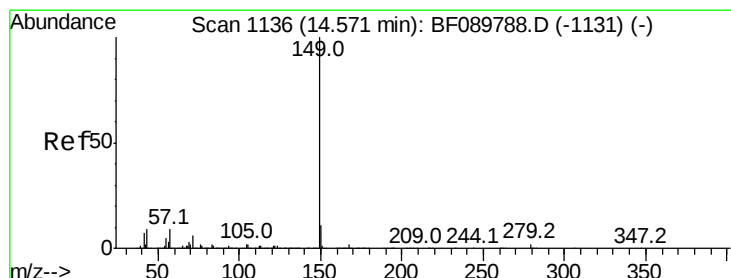
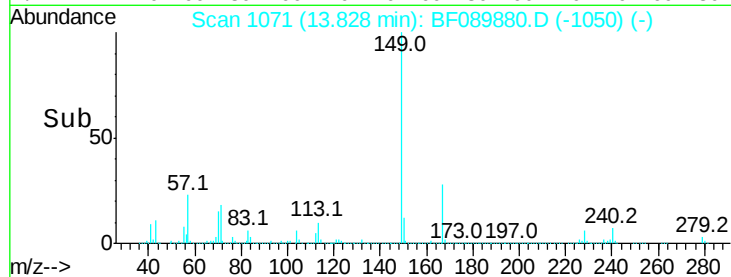
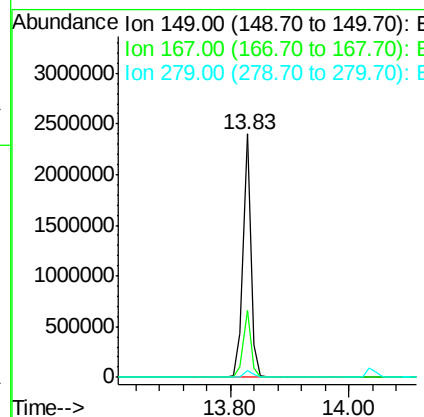
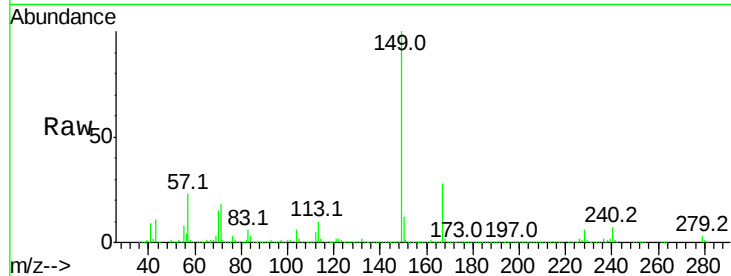
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.38 ng
 RT: 13.83 min Scan# 1071
 Delta R.T. -0.06 min
 Lab File: BF089880.D
 Acq: 24 Aug 2016 17:48

Instrument :
 BNA_F
 ClientSampleId :
 PB93077BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.7	21.2	31.8
279	2.9	2.9	4.3

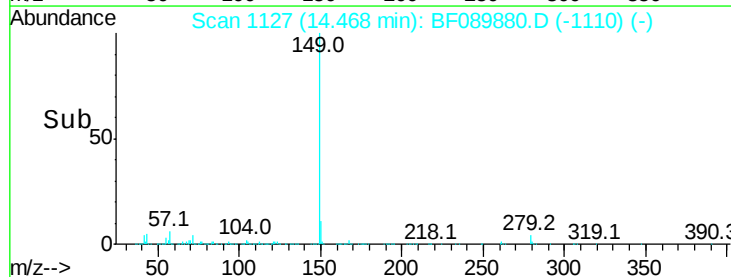
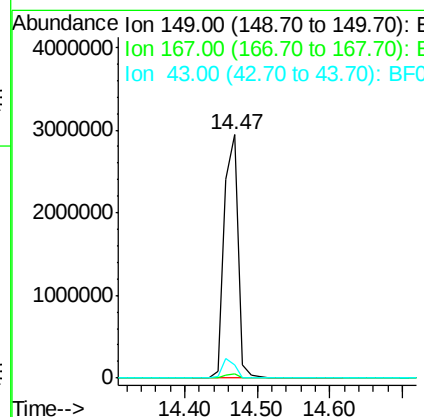
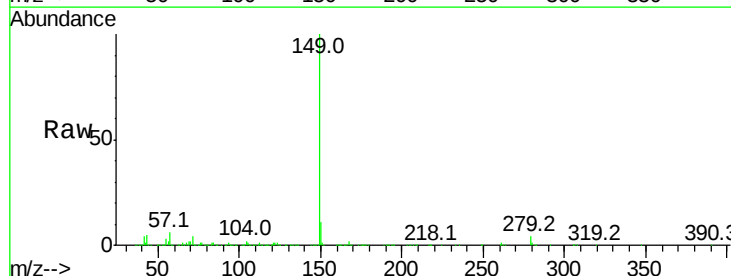
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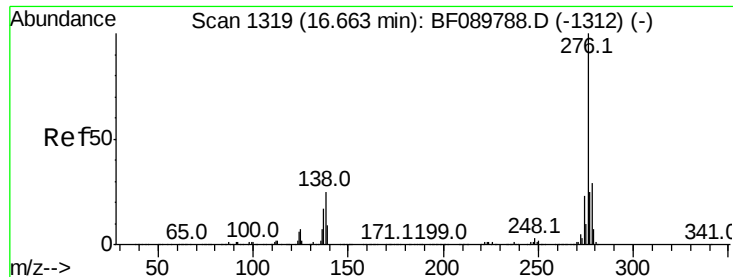
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#84
 Di-n-octyl phthalate
 Concen: 51.23 ng
 RT: 14.47 min Scan# 1127
 Delta R.T. -0.10 min
 Lab File: BF089880.D
 Acq: 24 Aug 2016 17:48

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	7.6	8.4	12.6#





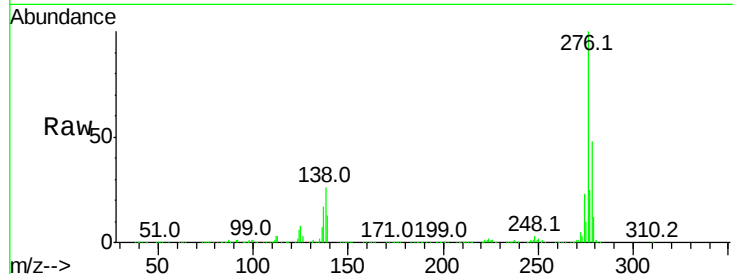
#85
Indeno(1,2,3-cd)pyrene
Concen: 31.86 ng
RT: 16.50 min Scan# 1305
Delta R.T. -0.16 min
Lab File: BF089880.D
Acq: 24 Aug 2016 17:48

Instrument :
BNA_F
ClientSampleId :
PB93077BS

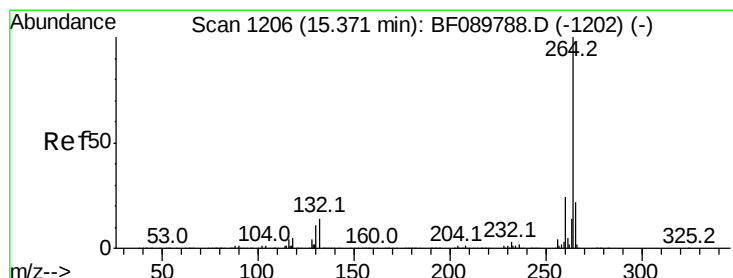
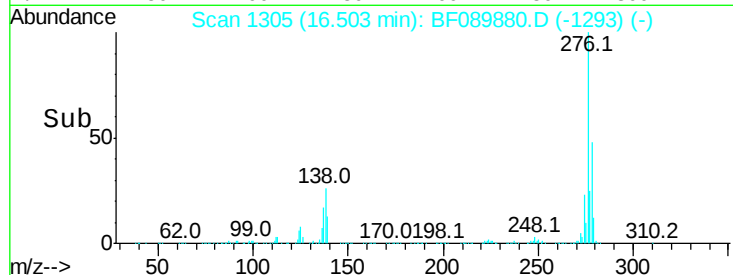
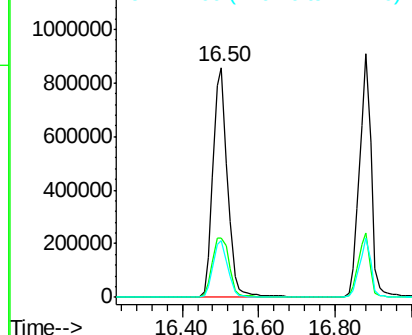
Tot Ion	Ratio	Lower	Upper
276	100		
138	30.5	24.6	36.8
277	25.5	20.4	30.6

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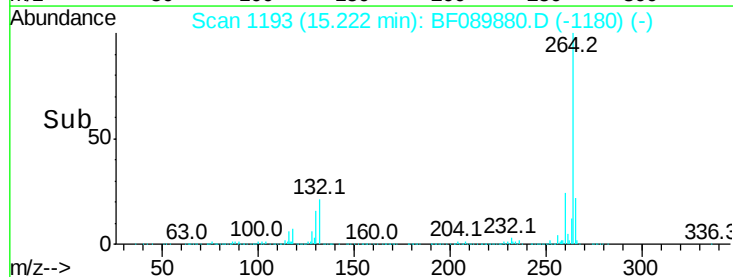
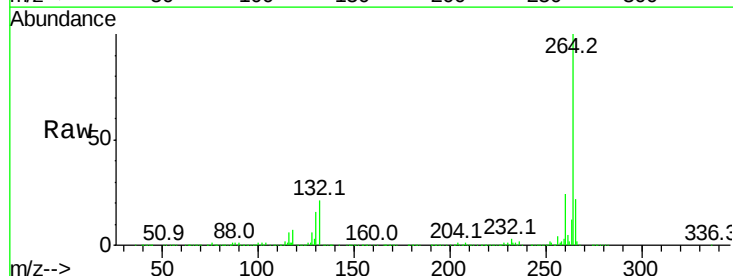
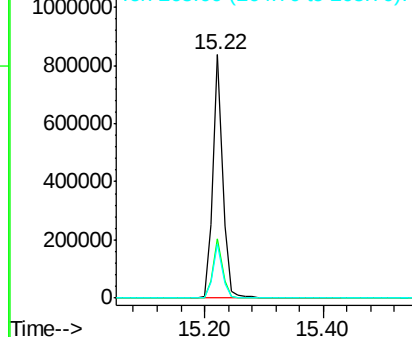
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

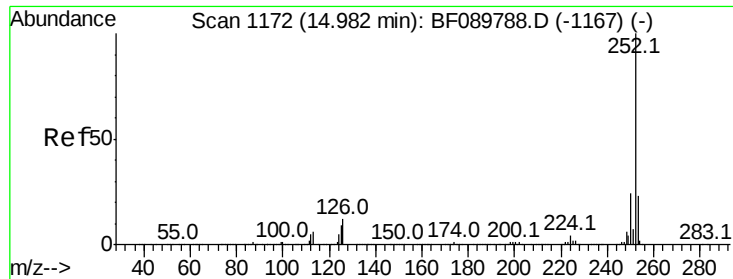


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.22 min Scan# 1193
Delta R.T. -0.15 min
Lab File: BF089880.D
Acq: 24 Aug 2016 17:48

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	20.2	30.2
265	22.1	17.4	26.2

Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





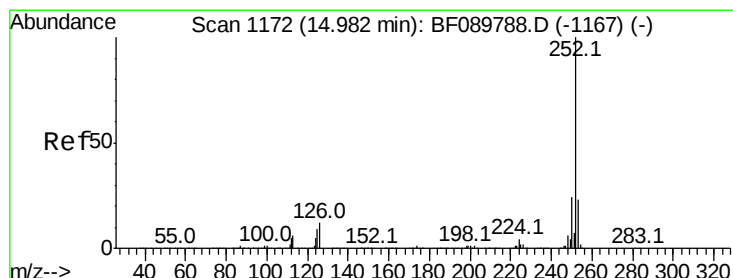
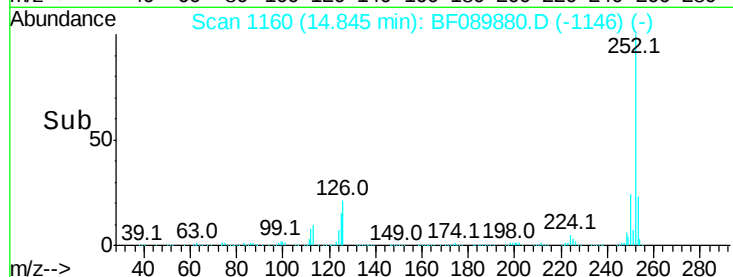
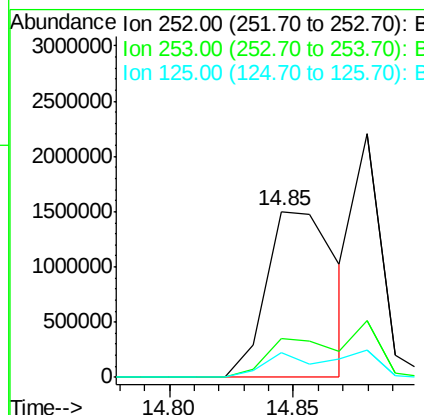
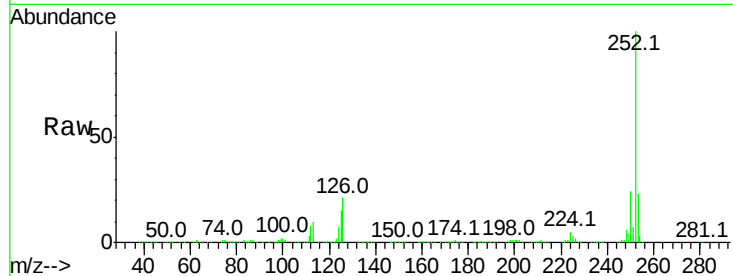
#87
Benzo(b)fluoranthene
Concen: 55.46 ng m
RT: 14.85 min Scan# 1160
Delta R.T. -0.14 min
Lab File: BF089880.D
Acq: 24 Aug 2016 17:48

Instrument :
BNA_F
ClientSampleId :
PB93077BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.8	26.8
125	15.2	11.4	17.2

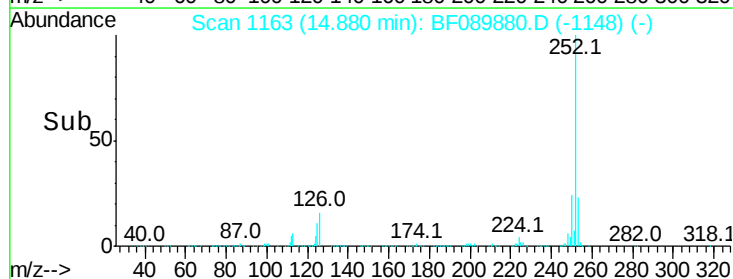
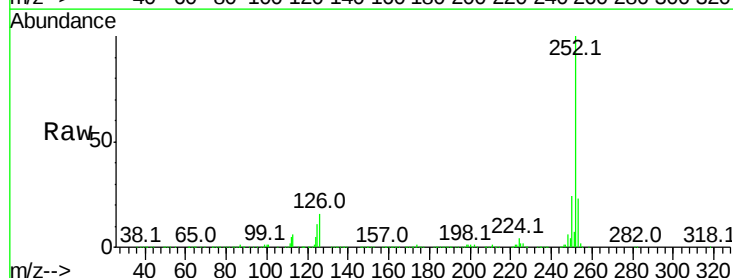
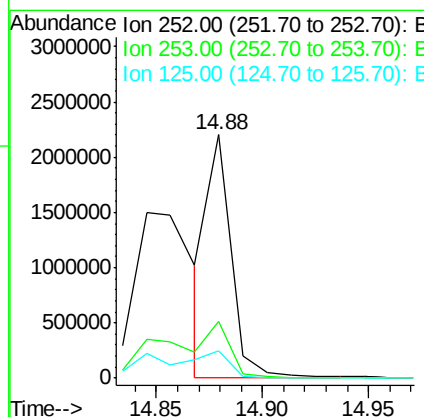
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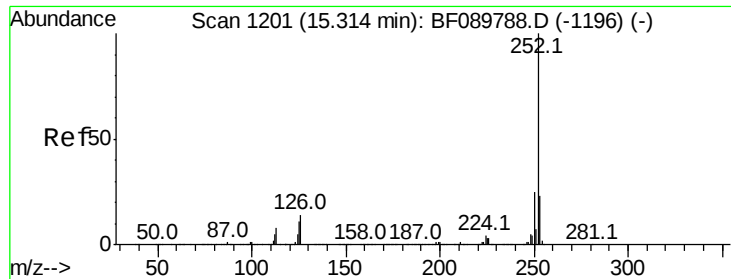
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#88
Benzo(k)fluoranthene
Concen: 35.71 ng m
RT: 14.88 min Scan# 1163
Delta R.T. -0.13 min
Lab File: BF089880.D
Acq: 24 Aug 2016 17:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.4	27.6
125	11.0	9.8	14.6





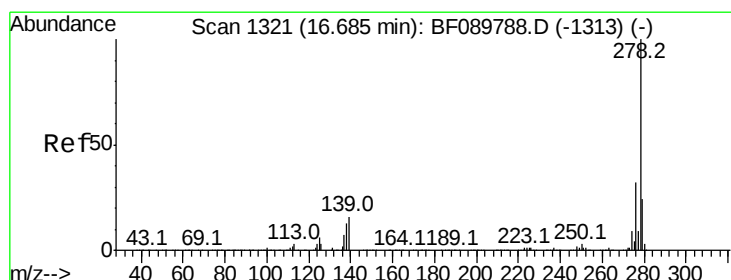
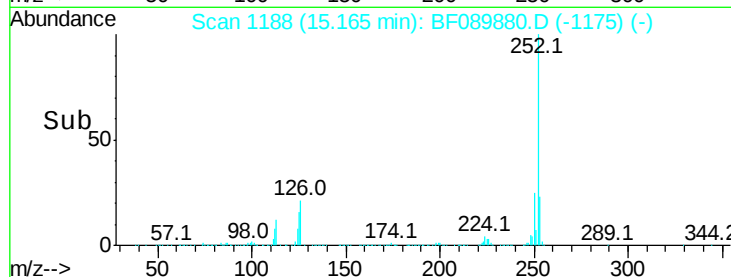
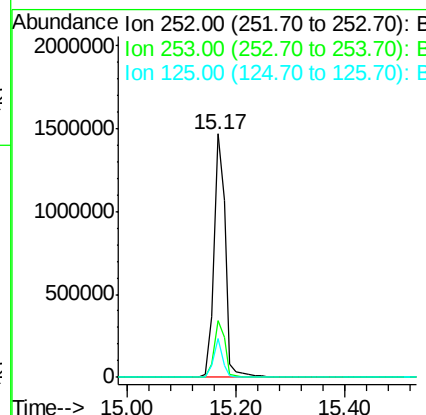
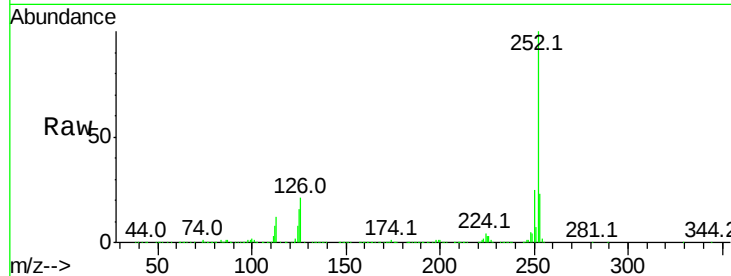
#89
Benzo(a)pyrene
Concen: 42.03 ng
RT: 15.17 min Scan# 1188
Delta R.T. -0.15 min
Lab File: BF089880.D
Acq: 24 Aug 2016 17:48

Instrument :
BNA_F
ClientSampleId :
PB93077BS

Tot Ion:252 Resp: 2116977
Ion Ratio Lower Upper
252 100
253 23.1 17.8 26.8
125 16.0 11.7 17.5

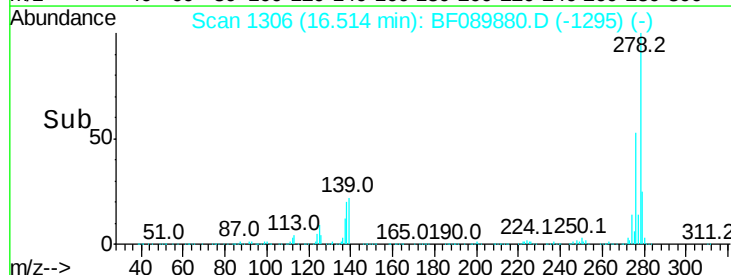
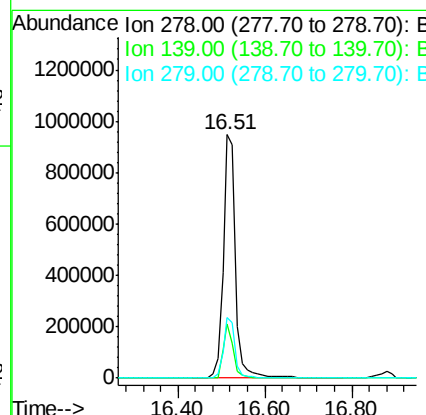
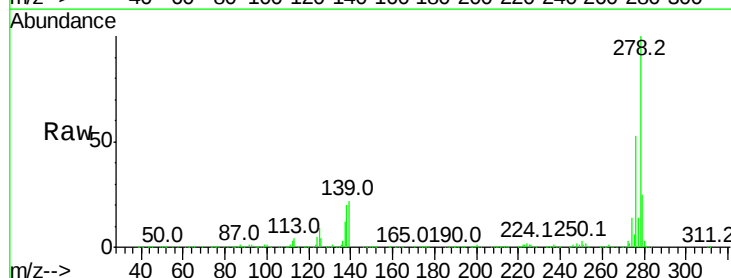
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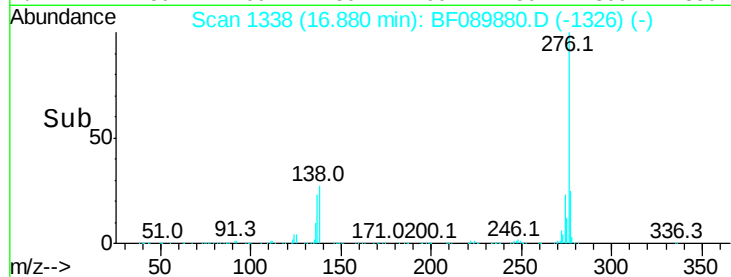
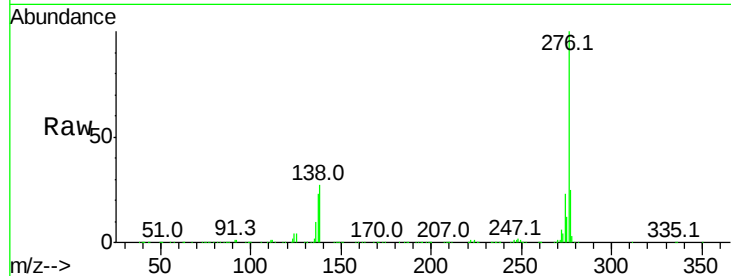
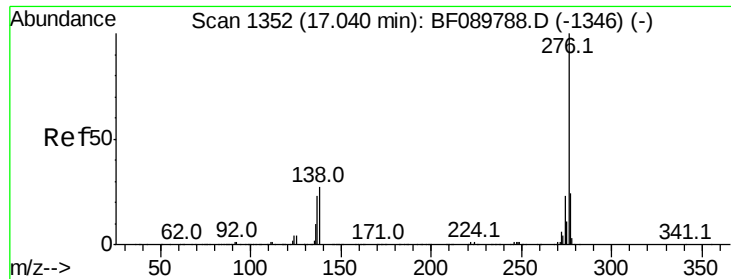
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#90
Dibenzo(a,h)anthracene
Concen: 34.76 ng
RT: 16.51 min Scan# 1306
Delta R.T. -0.17 min
Lab File: BF089880.D
Acq: 24 Aug 2016 17:48

Tgt Ion:278 Resp: 1900032
Ion Ratio Lower Upper
278 100
139 22.1 14.9 22.3
279 24.8 19.2 28.8





#91

Benzo(a,h,i)perylene

Concen: 33.38 ng

RT: 16.88 min Scan# 1338

Delta R.T. -0.16 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

Instrument :

BNA_F

ClientSampleId :

PB93077BS

Tot Ion:276 Resp: 1921539

Ion Ratio Lower Upper

276 100

277 24.5 19.2 28.8

138 26.7 22.1 33.1

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