

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081916\
 Data File : BF089791.D
 Acq On : 19 Aug 2016 12:34
 Operator : UM/SJ
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 19 12:58:08 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 11:53:44 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	3043169	20.00	ng	0.17
21) Naphthalene-d8	7.98	136	2360750	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	1099210	20.00	ng	0.01
63) Phenanthrene-d10	11.20	188	1890209	20.00	ng	0.01
75) Chrysene-d12	13.91	240	1094923	20.00	ng	0.03
86) Perylene-d12	15.45	264	1052172	20.00	ng	0.08

System Monitoring Compounds

5) 2-Fluorophenol	5.27	112	4730502	25.94	ng	0.01
7) Phenol-d6	6.34	99	5834435	25.15	ng	0.02
23) Nitrobenzene-d5	7.27	82	4958597	128.26	ng	0.01
41) 2,4,6-Tribromophenol	10.51	330	1284178	120.76	ng	0.01
44) 2-Fluorobiphenyl	9.06	172	7190767	104.97	ng	0.01
78) Terphenyl-d14	12.80	244	5448461	148.66	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.17	88	1283772	13.63	ng	96
3) Pyridine	2.81	79	3525963	14.53	ng	96
4) n-Nitrosodimethylamine	2.80	42	1344676	13.81	ng	# 72
6) Aniline	6.36	93	4031489	12.93	ng	98
8) 2-Chlorophenol	6.48	128	3103583	14.31	ng	83
9) Benzaldehyde	6.23	77	1801922	11.72	ng	91
10) Phenol	6.35	94	3477529	12.04	ng	95
11) bis(2-Chloroethyl)ether	6.44	93	2916156	13.63	ng	89
12) 1,3-Dichlorobenzene	6.71	146	2876649	12.41	ng	96
13) 1,4-Dichlorobenzene	6.87	146	2967482	12.63	ng	96
14) 1,2-Dichlorobenzene	6.87	146	2967482	13.25	ng	94
15) Benzyl Alcohol	6.84	79	1809396	11.67	ng	92
16) 2,2'-oxybis(1-Chloropropan	6.98	45	3393631	12.09	ng	91
17) 2-Methylphenol	6.96	107	2325812	13.49	ng	96
18) Hexachloroethane	7.21	117	1204404	13.99	ng	# 90
19) n-Nitroso-di-n-propylamine	7.13	70	1941935	12.78	ng	91
20) 3+4-Methylphenols	7.12	107	2439558	11.05	ng	# 82
22) Acetophenone	7.12	105	3820223	69.62	ng	# 86
24) Nitrobenzene	7.29	77	3304388	75.98	ng	# 79
25) Isophorone	7.53	82	5704789	73.75	ng	# 93
26) 2-Nitrophenol	7.60	139	1841395	89.99	ng	95
27) 2,4-Dimethylphenol	7.64	122	2594109	66.88	ng	99
28) bis(2-Chloroethoxy)methane	7.75	93	3493647	74.32	ng	# 93
29) 2,4-Dichlorophenol	7.84	162	2261974	70.05	ng	95
30) 1,2,4-Trichlorobenzene	7.92	180	2290056	66.06	ng	99
31) Naphthalene	8.00	128	5921045	55.88	ng	# 90
32) Benzoic acid	7.82	122	2353040	78.03	ng	98
33) 4-Chloroaniline	8.06	127	3623247	73.89	ng	# 95
34) Hexachlorobutadiene	8.12	225	1247143	68.48	ng	97
35) Caprolactam	8.46	113	716934	72.03	ng	91
36) 4-Chloro-3-methylphenol	8.55	107	2748162	78.17	ng	98
37) 2-Methylnaphthalene	8.68	142	4603825	63.83	ng	# 96
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	2066222	58.47	ng	98
40) Hexachlorocyclopentadiene	8.84	237	941779	59.80	ng	99

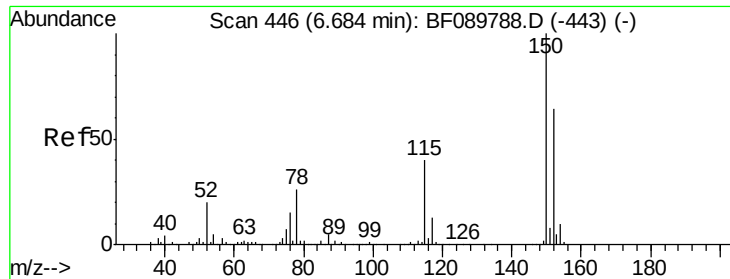
Data Path : Z:\HPCHEM1\BNA F\DATA\BF081916\
 Data File : BF089791.D
 Acq On : 19 Aug 2016 12:34
 Operator : UM/SJ
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Instrument :
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Quant Time: Aug 19 12:58:08 2016
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 19 11:53:44 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.97	196	1667328	73.04	nq	99
43) 2,4,5-Trichlorophenol	9.00	196	1567690	72.03	nq #	90
45) 1,1'-Biphenyl	9.15	154	5153850	56.61	nq	95
46) 2-Chloronaphthalene	9.18	162	4074304	59.72	nq	96
47) 2-Nitroaniline	9.27	65	1351070	65.00	nq	94
48) Acenaphthylene	9.59	152	5983255	56.97	nq #	91
49) Dimethylphthalate	9.47	163	5439241	68.39	nq #	96
50) 2,6-Dinitrotoluene	9.52	165	1266787	70.37	nq	95
51) Acenaphthene	9.76	154	4149788	58.56	nq	97
52) 3-Nitroaniline	9.69	138	1682823	80.40	nq	89
53) 2,4-Dinitrophenol	9.78	184	629209	98.38	nq	93
54) Dibenzofuran	9.93	168	4876239	55.92	nq	96
55) 4-Nitrophenol	9.85	139	1365618	84.81	nq	97
56) 2,4-Dinitrotoluene	9.92	165	1459410	63.07	nq #	71
57) Fluorene	10.27	166	3797290	53.90	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.04	232	1133941	66.71	nq	97
59) Diethylphthalate	10.17	149	5512078	68.35	nq #	93
60) 4-Chlorophenyl-phenylether	10.27	204	1864781	53.91	nq	98
61) 4-Nitroaniline	10.31	138	1354995	66.68	nq	98
62) Azobenzene	10.43	77	5322815	69.85	nq	87
64) 4,6-Dinitro-2-methylphenol	10.33	198	972013	88.56	nq	86
65) n-Nitrosodiphenylamine	10.40	169	4505419	75.95	nq	97
66) 4-Bromophenyl-phenylether	10.75	248	1308621	66.85	nq #	68
67) Hexachlorobenzene	10.82	284	1653555	75.99	nq #	92
68) Atrazine	10.92	200	1201493	66.87	nq	96
69) Pentachlorophenol	11.00	266	969352	71.50	nq	97
70) Phenanthrene	11.22	178	5911851	63.63	nq #	93
71) Anthracene	11.22	178	5911851	60.90	nq	93
72) Carbazole	11.43	167	5942134	64.60	nq	96
73) Di-n-butylphthalate	11.78	149	6841071	61.15	nq #	94
74) Fluoranthene	12.41	202	6018301	64.47	nq	93
76) Benzidine	12.54	184	2538276	64.59	nq	96
77) Pyrene	12.64	202	5853023	81.69	nq #	91
79) Butylbenzylphthalate	13.30	149	2882825	80.20	nq	90
80) Benzo(a)anthracene	13.90	228	4549907	71.52	nq	97
81) 3,3'-Dichlorobenzidine	13.86	252	1493356	64.43	nq	97
82) Chrysene	13.94	228	3685372	64.37	nq	98
83) Bis(2-ethylhexyl)phthalate	13.93	149	3918727	82.38	nq	96
84) Di-n-octyl phthalate	14.63	149	5483029	74.16	nq #	95
85) Indeno(1,2,3-cd)pyrene	16.77	276	5512969	113.02	nq	100
87) Benzo(b)fluoranthene	15.05	252	4013442	60.20	nq	97
88) Benzo(k)fluoranthene	15.05	252	4013442	73.14	nq	98
89) Benzo(a)pyrene	15.39	252	3911641	71.07	nq	97
90) Dibenzo(a,h)anthracene	16.79	278	4399828	101.52	nq	95
91) Benzo(g,h,i)perylene	17.15	276	4791177	108.62	nq	99

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

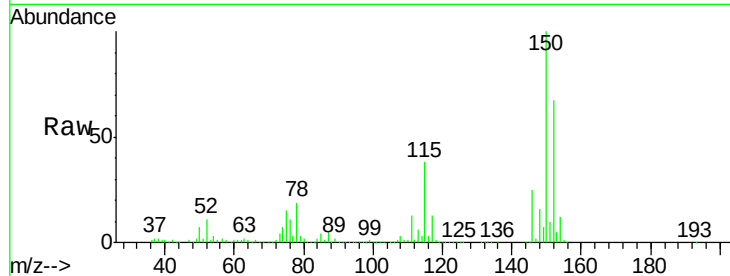


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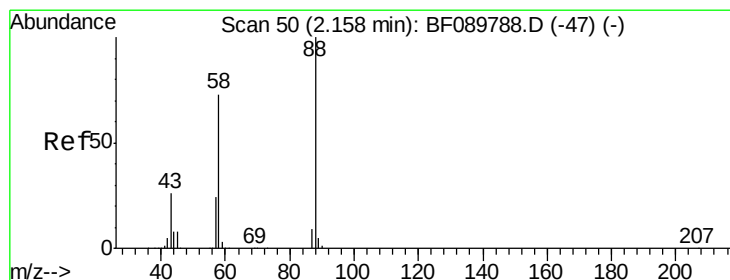
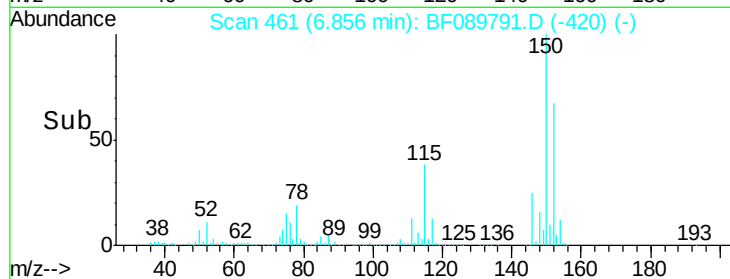
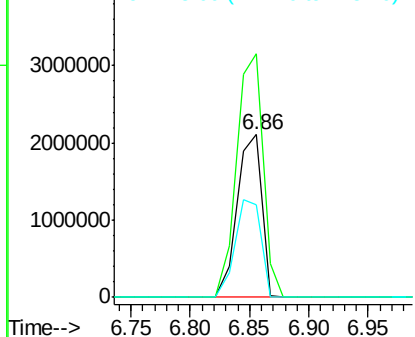
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 461
Delta R.T. 0.17 min
Lab File: BF089791.D
Acq: 19 Aug 2016 12:34

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 3043169
Ion Ratio Lower Upper
152 100
150 149.9 125.3 187.9
115 57.3 40.9 61.3



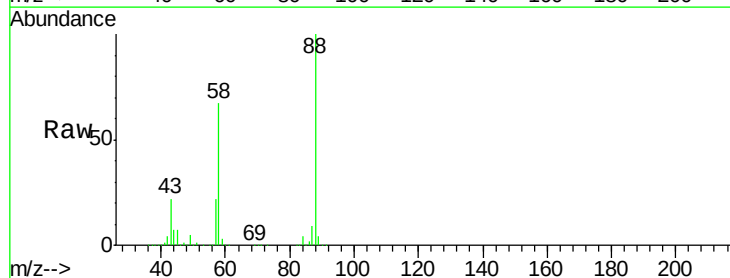
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



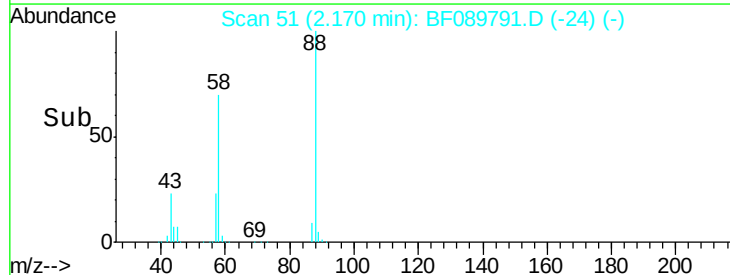
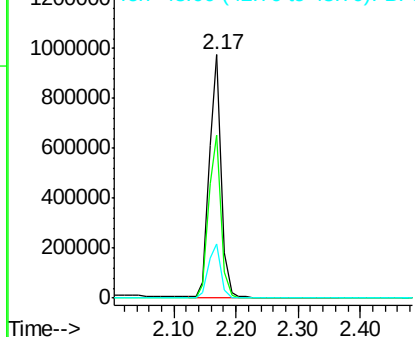
#2

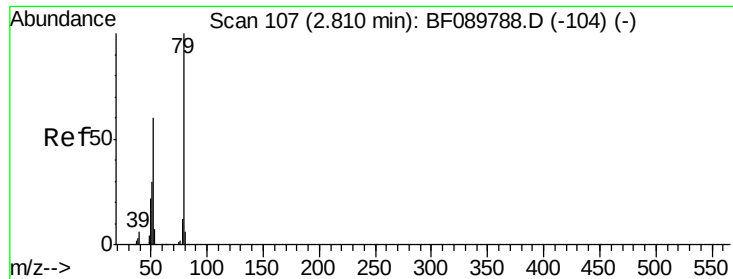
1,4-Dioxane
Concen: 13.63 ng
RT: 2.17 min Scan# 51
Delta R.T. 0.01 min
Lab File: BF089791.D
Acq: 19 Aug 2016 12:34

Tgt Ion: 88 Resp: 1283772
Ion Ratio Lower Upper
88 100
58 68.9 57.0 85.4
43 23.6 21.8 32.8



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0



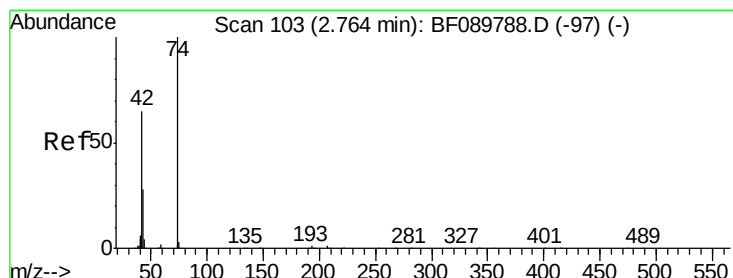
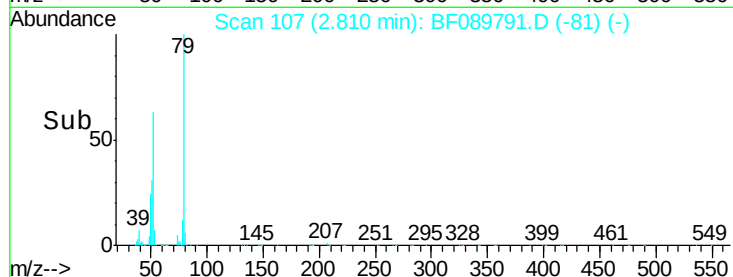
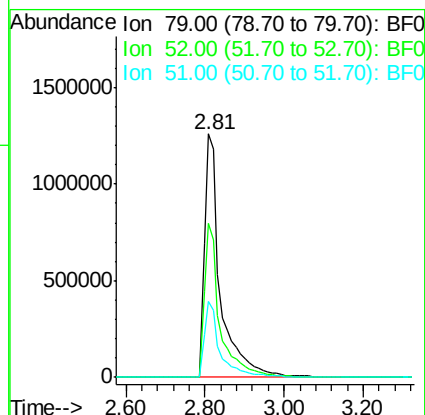
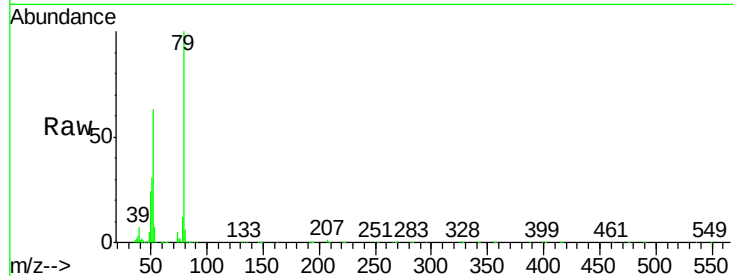


#3
 Pvridine
 Concen: 14.53 ng
 RT: 2.81 min Scan# 107
 Delta R.T. -0.00 min
 Lab File: BF089791.D
 Acq: 19 Aug 2016 12:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 79 Resp: 3525963

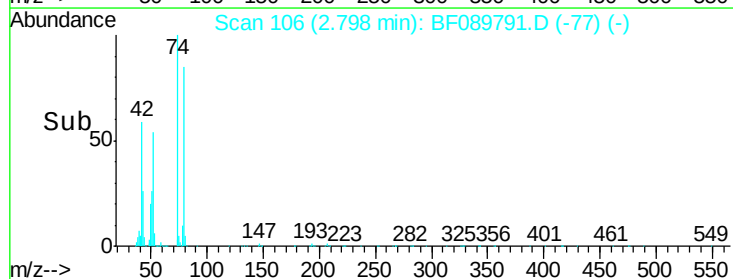
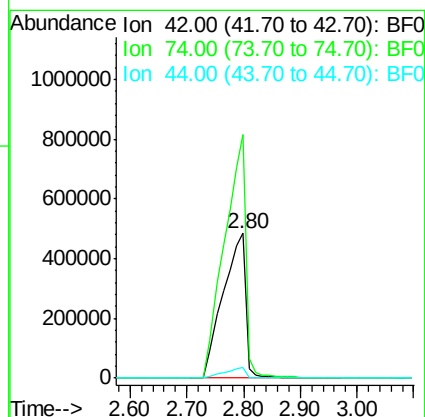
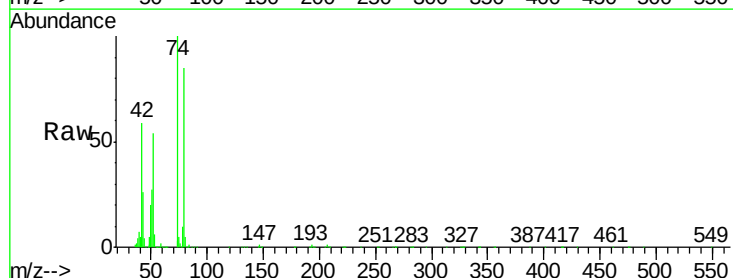
Ion	Ratio	Lower	Upper
79	100		
52	63.1	53.6	80.4
51	31.3	26.6	39.8

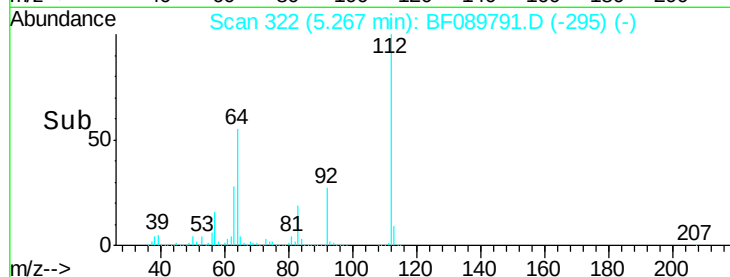
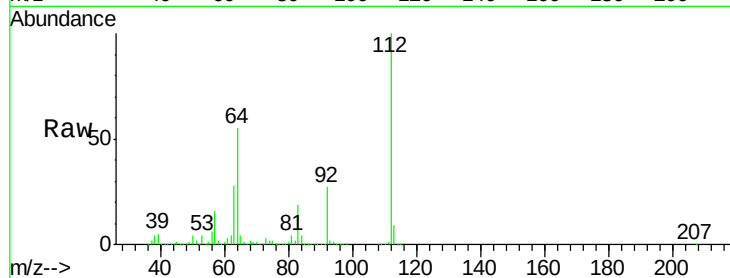
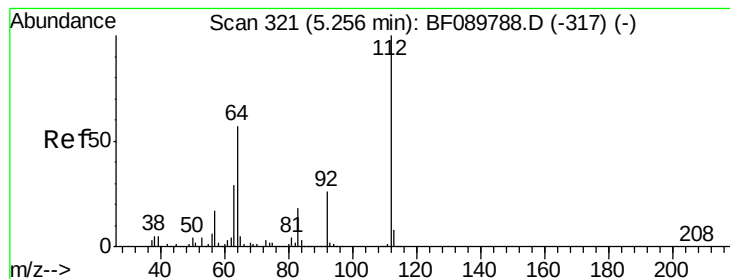


#4
 n-Nitrosodimethylamine
 Concen: 13.81 ng
 RT: 2.80 min Scan# 106
 Delta R.T. 0.03 min
 Lab File: BF089791.D
 Acq: 19 Aug 2016 12:34

Tgt Ion: 42 Resp: 1344676

Ion	Ratio	Lower	Upper
42	100		
74	168.1	106.2	159.2#
44	6.9	6.9	10.3





#5

2-Fluorophenol

Concen: 25.94 ng

RT: 5.27 min Scan# 322

Delta R.T. 0.01 min

Lab File: BF089791.D

Acq: 19 Aug 2016 12:34

Instrument :

BNA_F

ClientSampleId :

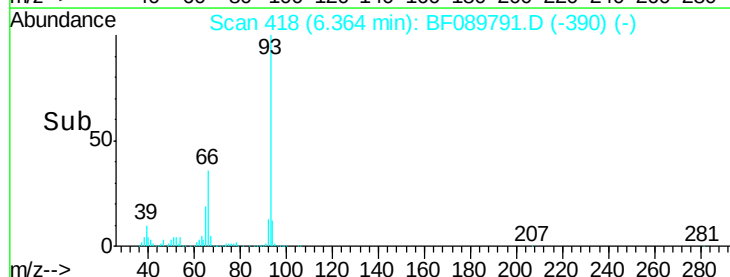
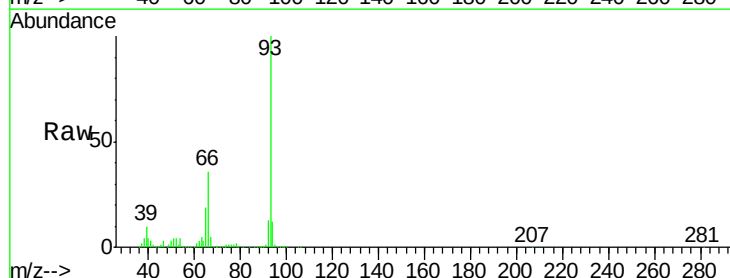
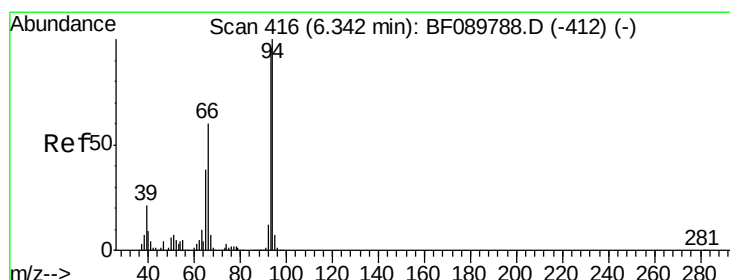
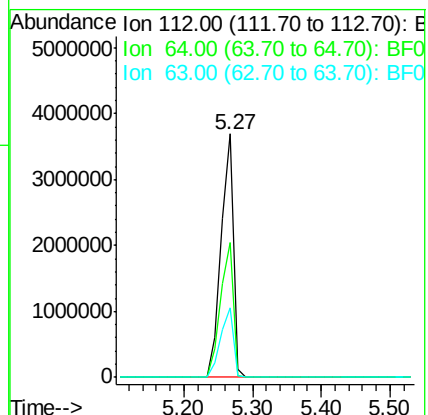
Tot Ion:112 Resp: 4730502

Ion Ratio Lower Upper

112 100

64 55.5 45.0 67.4

63 28.4 23.1 34.7



#6

Aniline

Concen: 12.93 ng

RT: 6.36 min Scan# 418

Delta R.T. 0.02 min

Lab File: BF089791.D

Acq: 19 Aug 2016 12:34

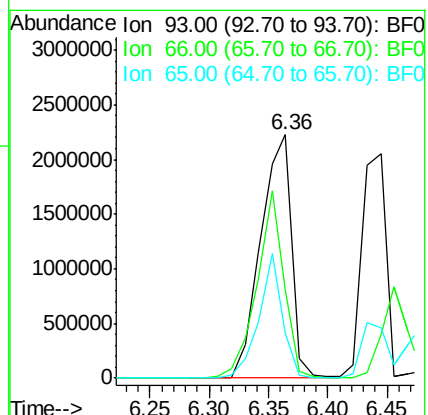
Tgt Ion: 93 Resp: 4031489

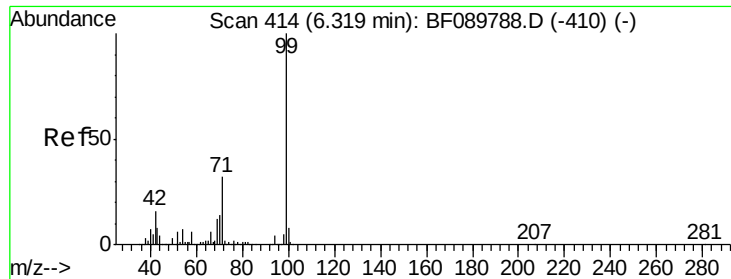
Ion Ratio Lower Upper

93 100

66 36.4 30.6 46.0

65 18.8 15.4 23.2





#7

Phenol-d6

Concen: 25.15 ng

RT: 6.34 min Scan# 416

Delta R.T. 0.02 min

Lab File: BF089791.D

Acq: 19 Aug 2016 12:34

Instrument :

BNA_F

ClientSampleId :

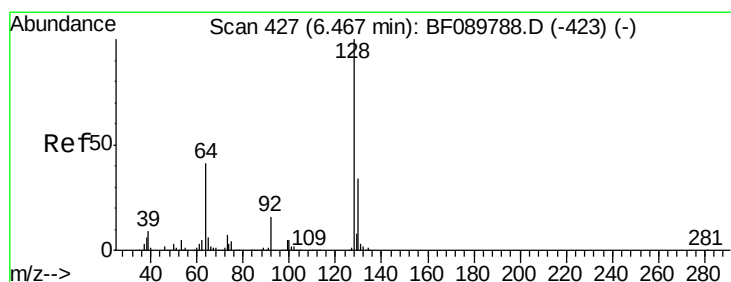
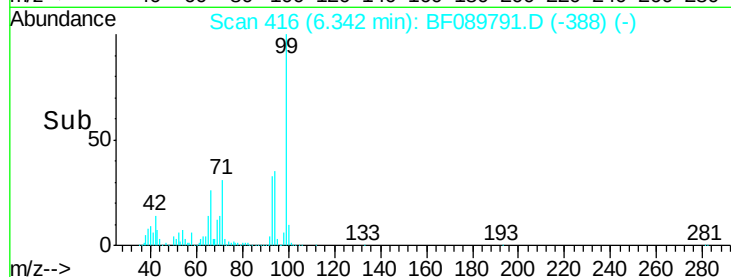
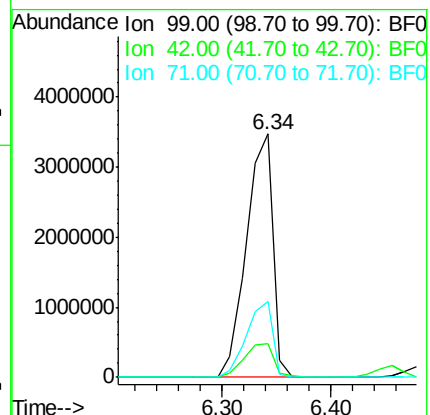
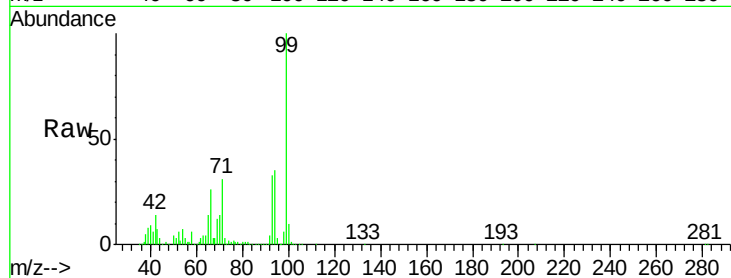
Tot Ion: 99 Resp: 5834435

Ion Ratio Lower Upper

99 100

42 13.9 12.2 18.4

71 31.0 23.8 35.8



#8

2-Chlorophenol

Concen: 14.31 ng

RT: 6.48 min Scan# 428

Delta R.T. 0.01 min

Lab File: BF089791.D

Acq: 19 Aug 2016 12:34

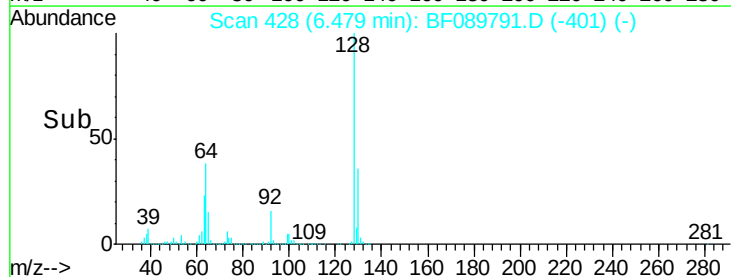
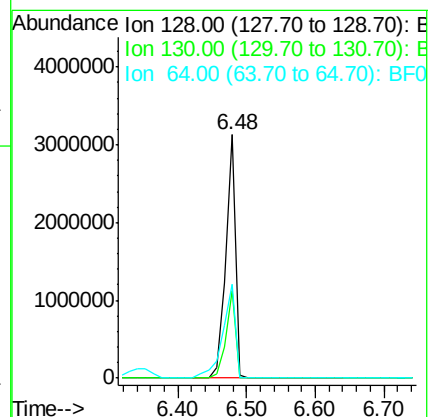
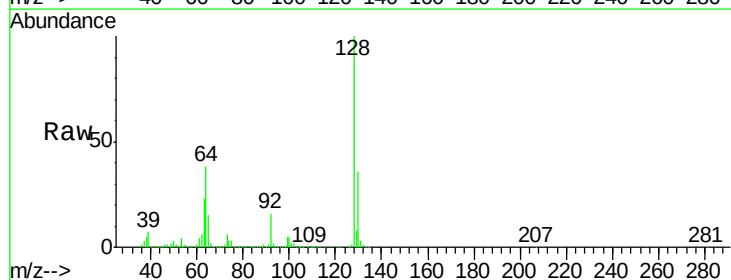
Tgt Ion: 128 Resp: 3103583

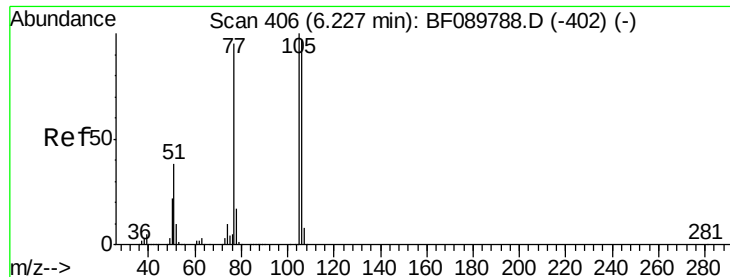
Ion Ratio Lower Upper

128 100

130 36.0 12.0 52.0

64 38.4 35.1 75.1





#9

Benzaldehyde

Concen: 11.72 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.00 min

Lab File: BF089791.D

Acq: 19 Aug 2016 12:34

Instrument :

BNA_F

ClientSampleId :

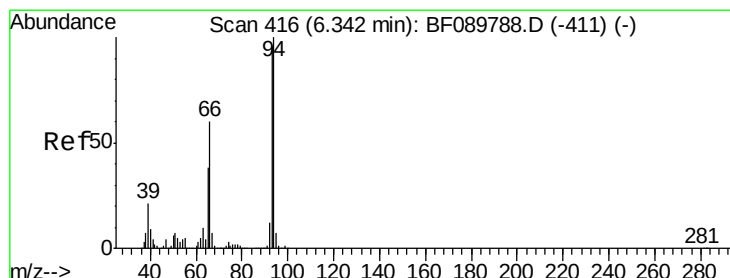
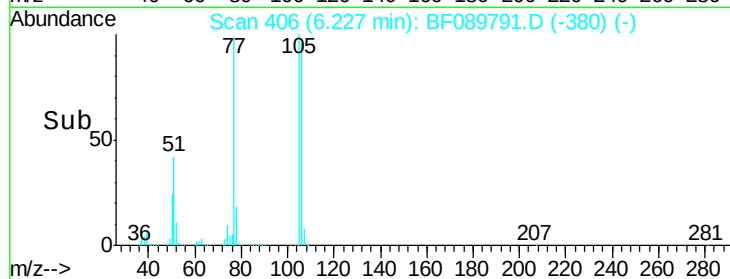
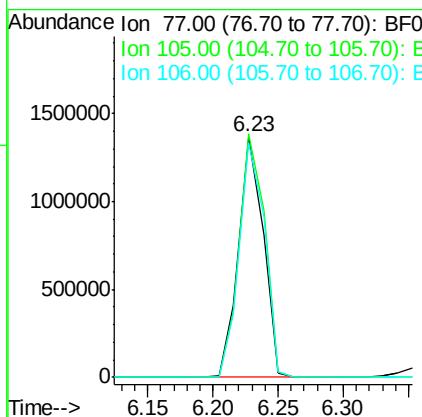
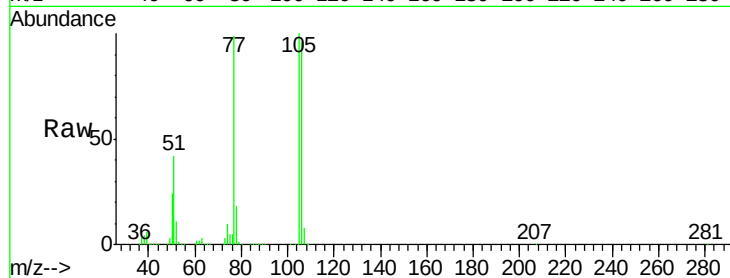
Tot Ion: 77 Resp: 1801922

Ion Ratio Lower Upper

77 100

105 101.5 73.3 113.3

106 97.8 68.6 108.6



#10

Phenol

Concen: 12.04 ng

RT: 6.35 min Scan# 417

Delta R.T. 0.01 min

Lab File: BF089791.D

Acq: 19 Aug 2016 12:34

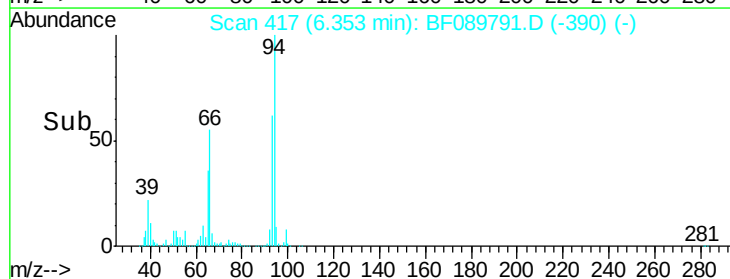
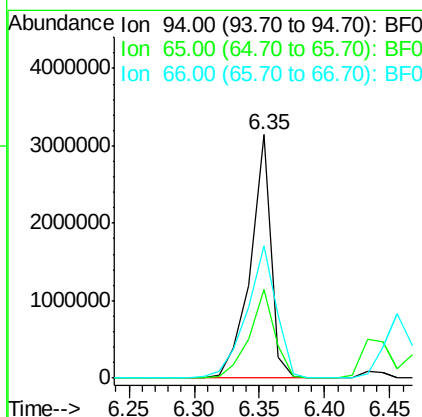
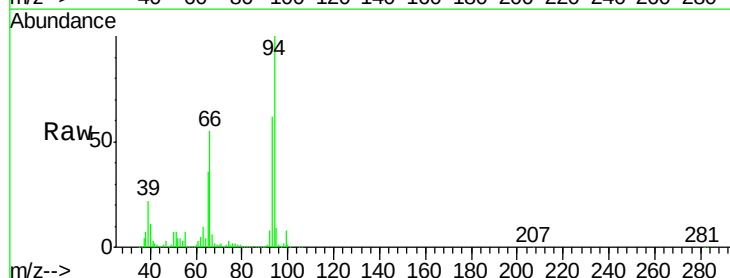
Tgt Ion: 94 Resp: 3477529

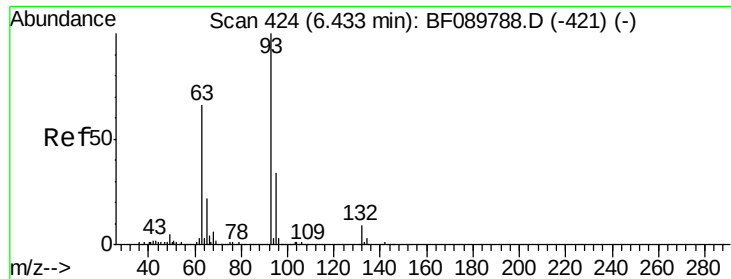
Ion Ratio Lower Upper

94 100

65 36.4 14.0 54.0

66 54.6 31.2 71.2





#11

bis(2-Chloroethyl)ether

Concen: 13.63 ng

RT: 6.44 min Scan# 425

Delta R.T. 0.01 min

Lab File: BF089791.D

Acq: 19 Aug 2016 12:34

Instrument :

BNA_F

ClientSampled :

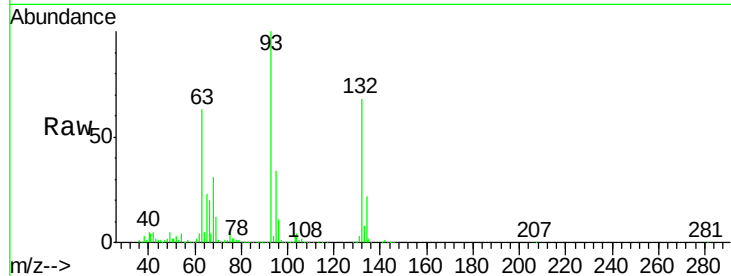
Tot Ion: 93 Resp: 2916156

Ion Ratio Lower Upper

93 100

63 62.8 55.8 95.8

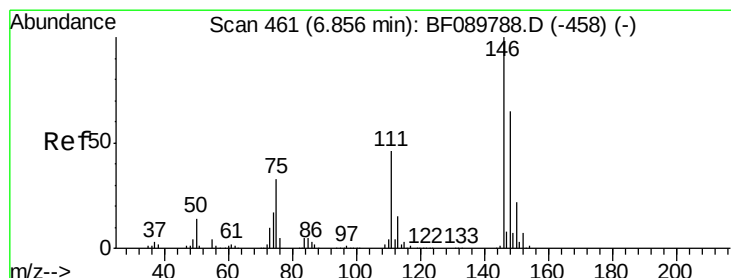
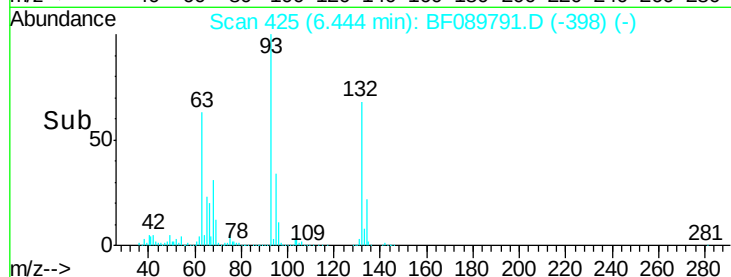
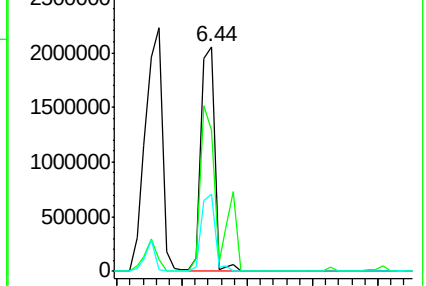
95 34.3 13.0 53.0



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 12.41 ng

RT: 6.71 min Scan# 448

Delta R.T. 0.08 min

Lab File: BF089791.D

Acq: 19 Aug 2016 12:34

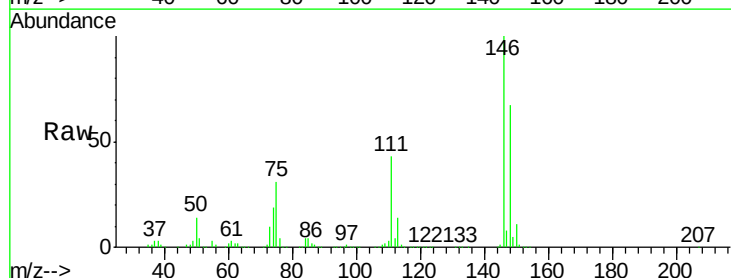
Tgt Ion: 146 Resp: 2876649

Ion Ratio Lower Upper

146 100

148 66.8 51.0 76.4

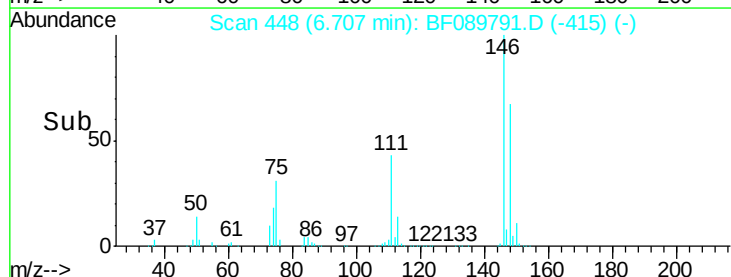
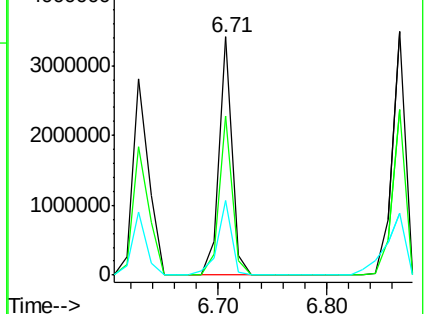
75 31.1 27.0 40.6

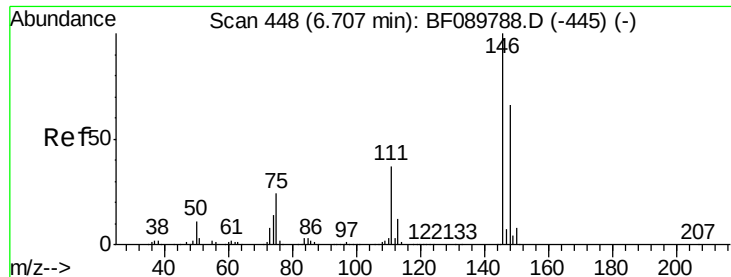


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

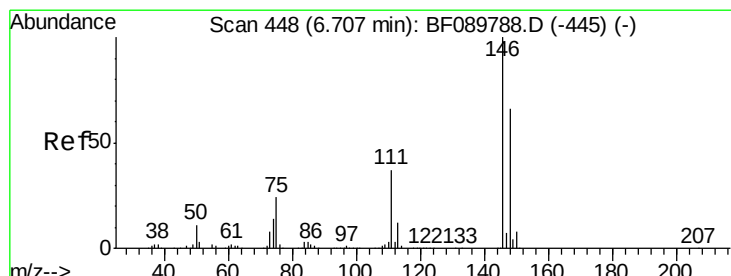
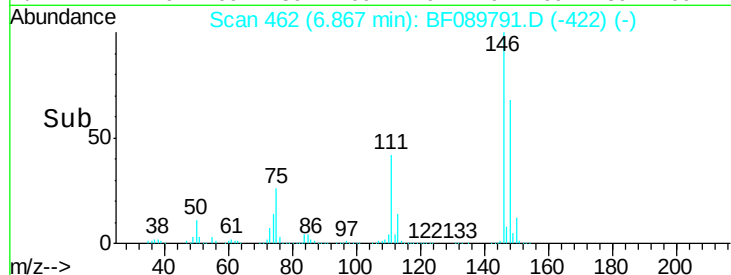
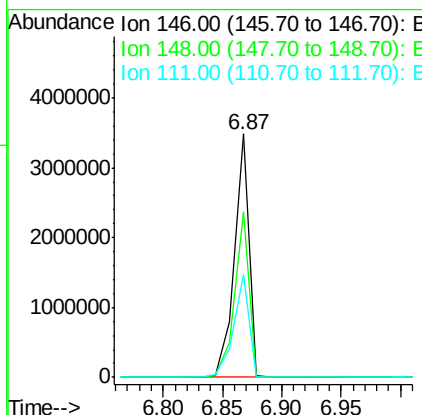
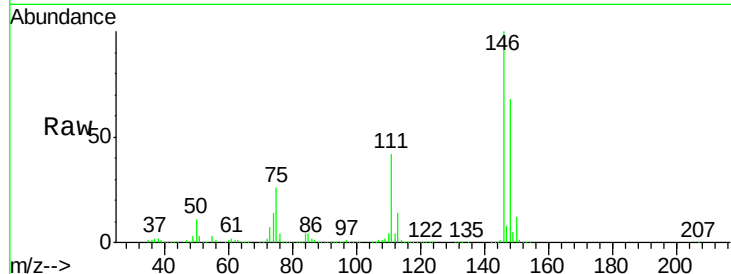




#13
 1,4-Dichlorobenzene
 Concen: 12.63 ng
 RT: 6.87 min Scan# 462
 Delta R.T. 0.16 min
 Lab File: BF089791.D
 Acq: 19 Aug 2016 12:34

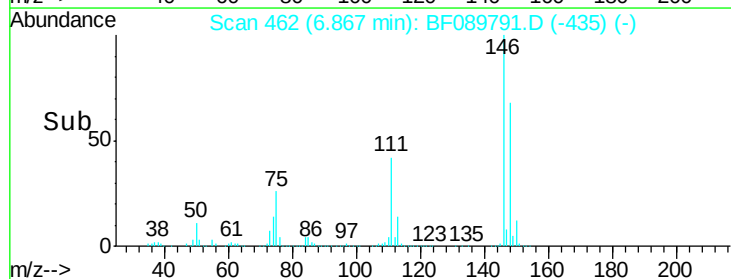
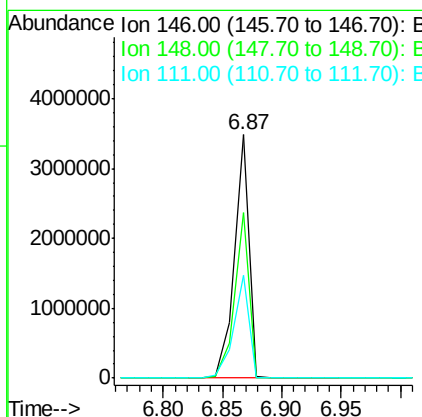
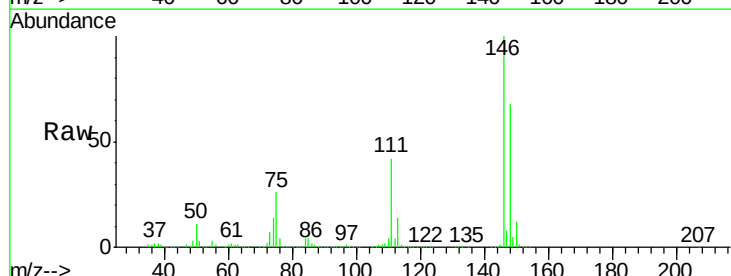
Instrument :
 BNA_F
 ClientSampled :

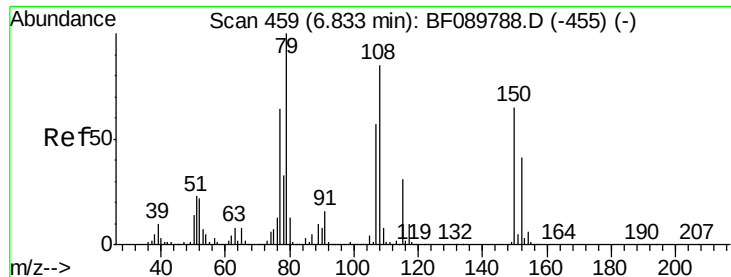
Tot Ion:146 Resp: 2967482
 Ion Ratio Lower Upper
 146 100
 148 68.1 51.0 76.6
 111 42.5 34.6 52.0



#14
 1,2-Dichlorobenzene
 Concen: 13.25 ng
 RT: 6.87 min Scan# 462
 Delta R.T. 0.01 min
 Lab File: BF089791.D
 Acq: 19 Aug 2016 12:34

Tgt Ion:146 Resp: 2967482
 Ion Ratio Lower Upper
 146 100
 148 68.1 52.2 78.2
 111 42.5 29.8 44.6





#15

Benzyl Alcohol

Concen: 11.67 ng

RT: 6.84 min Scan# 460

Delta R.T. 0.01 min

Lab File: BF089791.D

Acq: 19 Aug 2016 12:34

Instrument :

BNA_F

ClientSampleId :

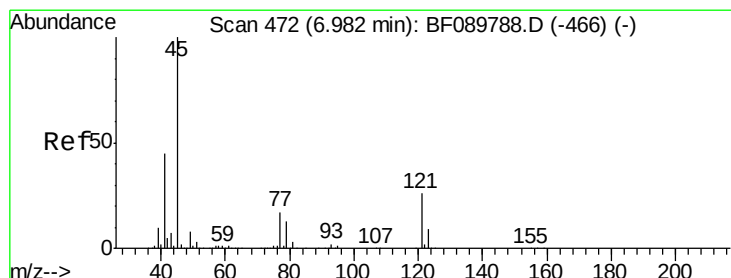
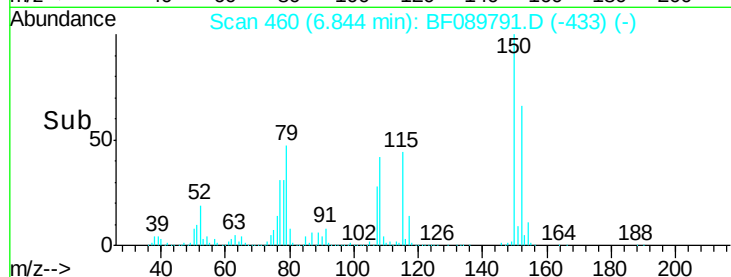
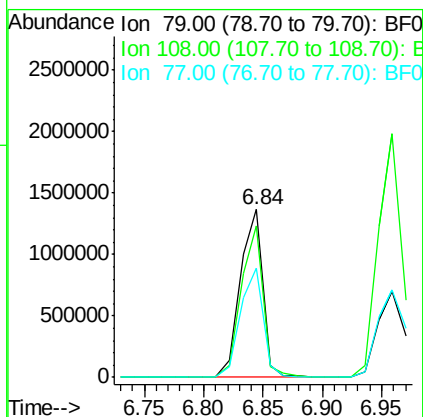
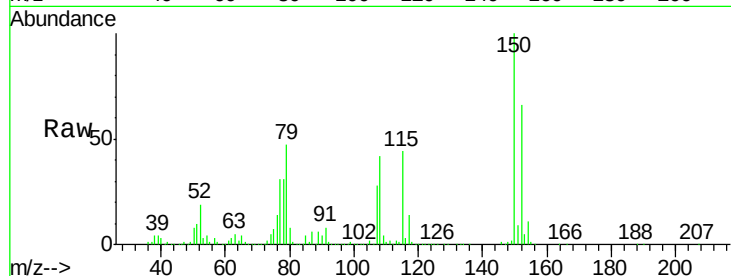
Tot Ion: 79 Resp: 1809396

Ion Ratio Lower Upper

79 100

108 90.1 62.5 93.7

77 64.9 51.5 77.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 12.09 ng

RT: 6.98 min Scan# 472

Delta R.T. -0.00 min

Lab File: BF089791.D

Acq: 19 Aug 2016 12:34

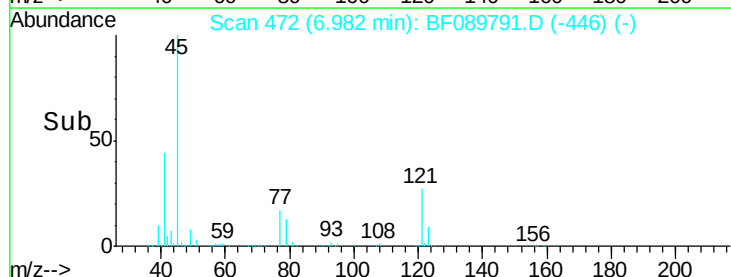
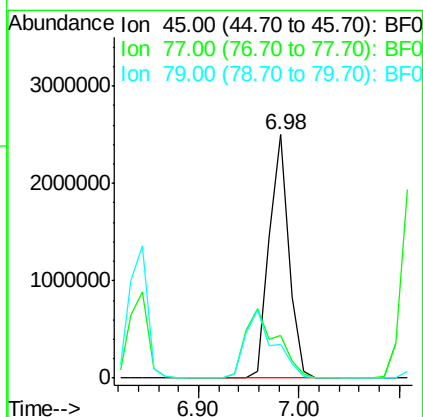
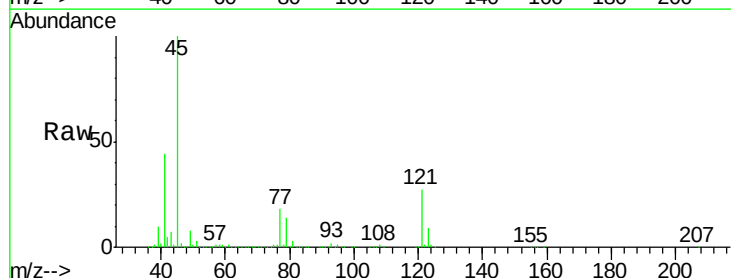
Tgt Ion: 45 Resp: 3393631

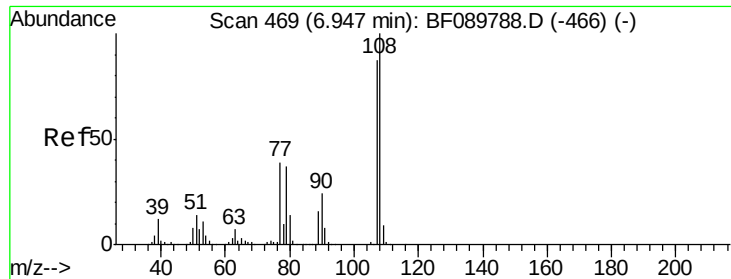
Ion Ratio Lower Upper

45 100

77 17.7 0.0 33.5

79 13.6 0.0 30.7





#17

2-Methylphenol

Concen: 13.49 ng

RT: 6.96 min Scan# 470

Delta R.T. 0.01 min

Lab File: BF089791.D

Acq: 19 Aug 2016 12:34

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 2325812

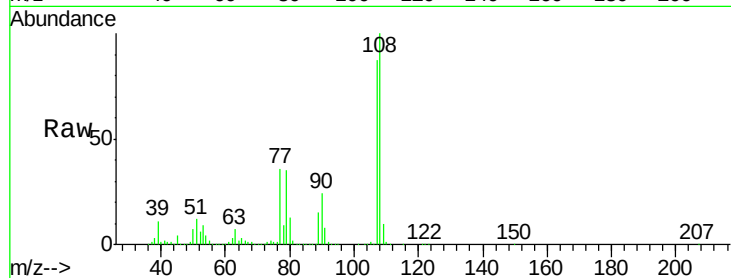
Ion Ratio Lower Upper

107 100

108 115.6 91.0 136.4

77 41.8 37.4 56.0

79 40.6 36.6 55.0

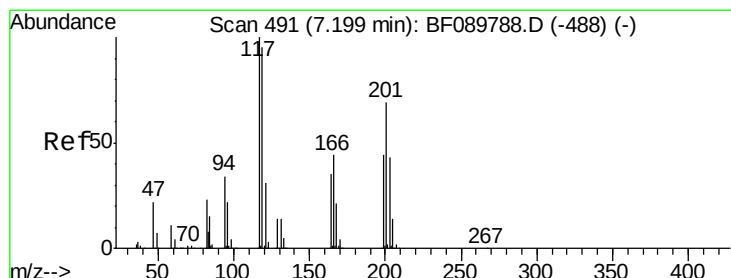
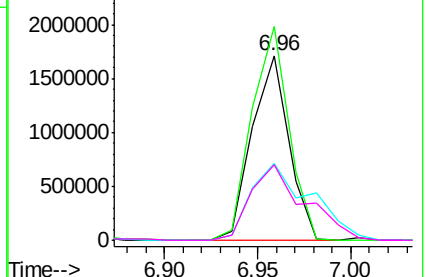
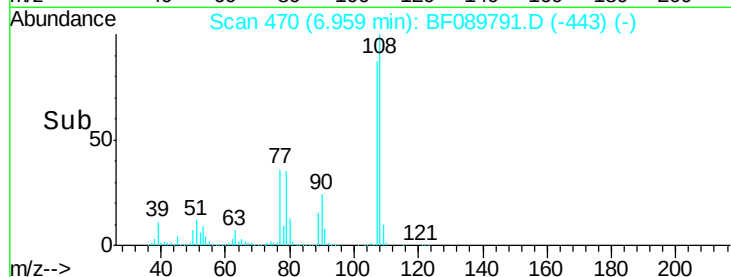


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 13.99 ng

RT: 7.21 min Scan# 492

Delta R.T. 0.01 min

Lab File: BF089791.D

Acq: 19 Aug 2016 12:34

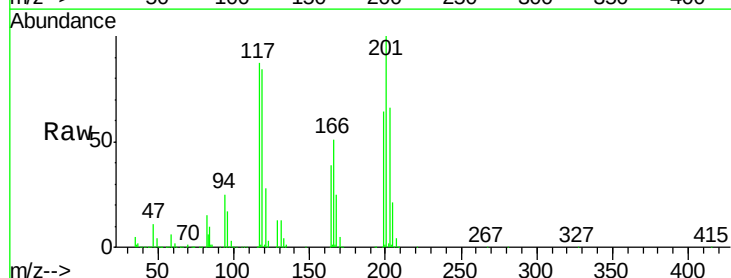
Tgt Ion:117 Resp: 1204404

Ion Ratio Lower Upper

117 100

119 96.9 77.1 115.7

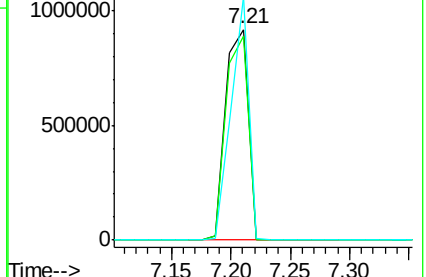
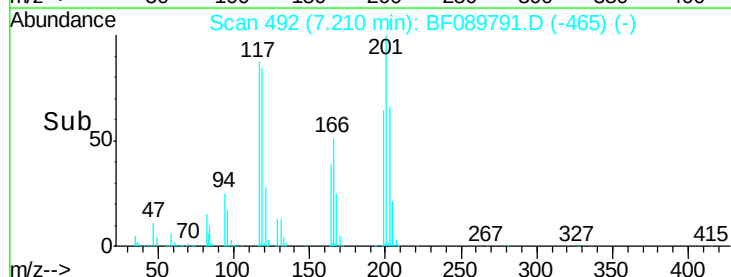
201 115.5 76.9 115.3#

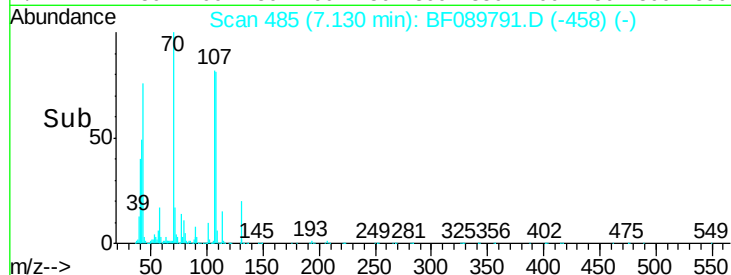
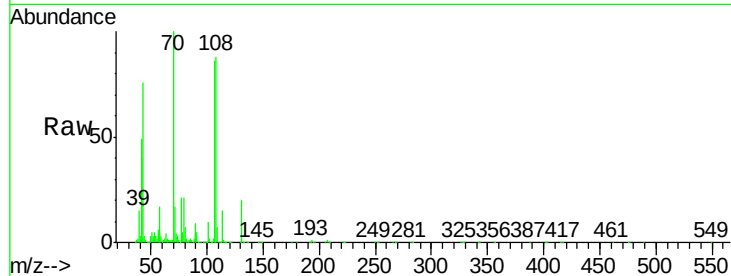
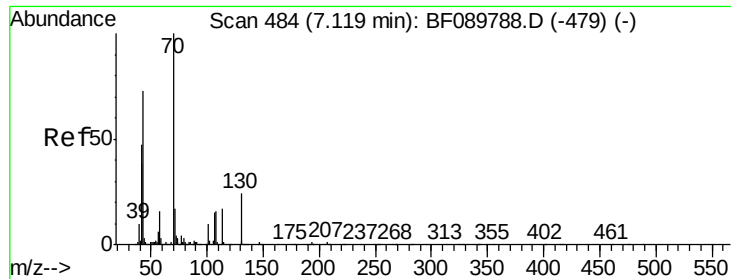


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

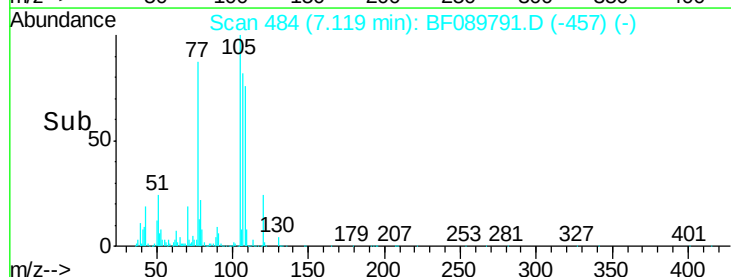
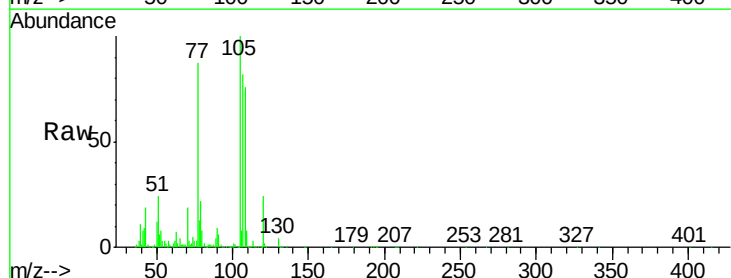
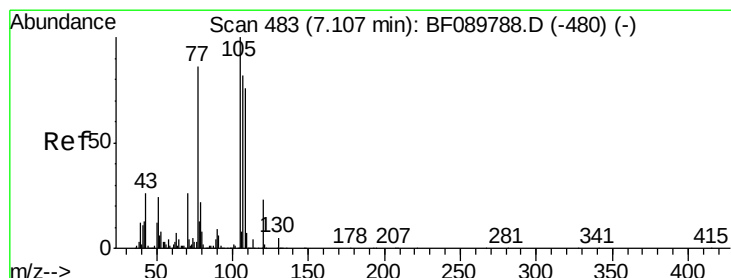
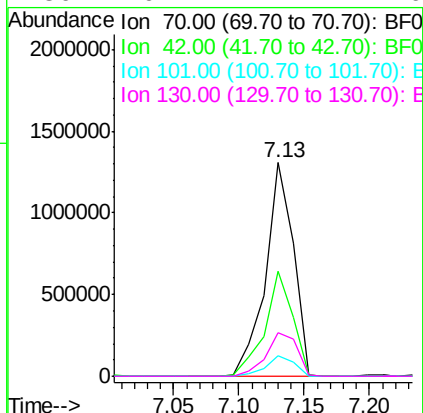




#19
n-Nitroso-di-n-propylamine
Concen: 12.78 ng
RT: 7.13 min Scan# 485
Delta R.T. 0.01 min
Lab File: BF089791.D
Acq: 19 Aug 2016 12:34

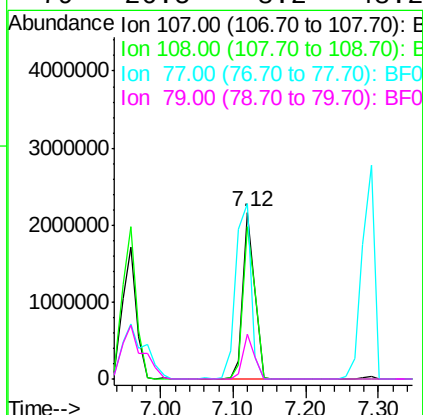
Instrument :
BNA_F
ClientSampleId :

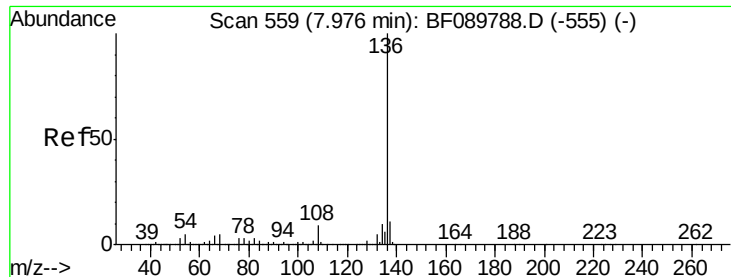
Tot Ion:	70	Resp:	1941935
Ion	Ratio	Lower	Upper
70	100		
42	49.3	46.3	69.5
101	9.6	7.0	10.6
130	20.4	14.4	21.6



#20
3+4-Methylphenols
Concen: 11.05 ng
RT: 7.12 min Scan# 484
Delta R.T. 0.01 min
Lab File: BF089791.D
Acq: 19 Aug 2016 12:34

Tgt Ion:	107	Resp:	2439558
Ion	Ratio	Lower	Upper
107	100		
108	91.6	68.2	108.2
77	105.4	122.3	162.3#
79	26.5	8.2	48.2





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.98 min Scan# 559

Delta R.T. -0.00 min

Lab File: BF089791.D

Acq: 19 Aug 2016 12:34

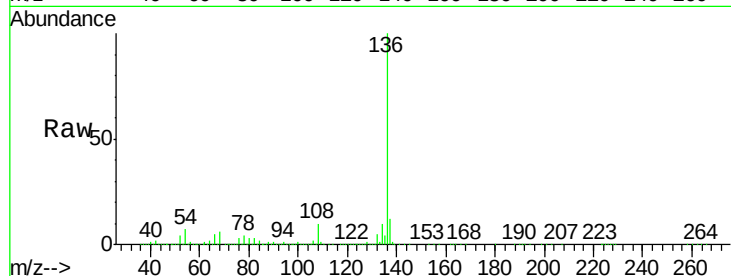
Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 2360750

Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.2	13.8
54	6.8	7.2	10.8#
68	6.1	5.8	8.8

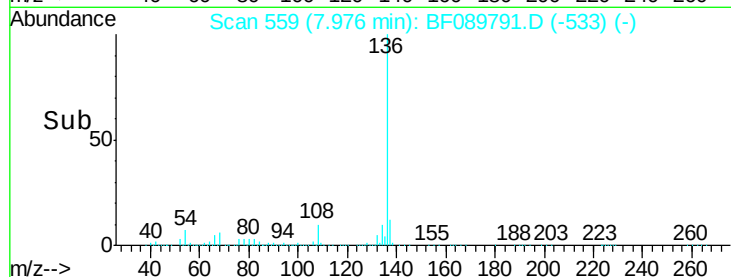


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->

7.98

4000000

3000000

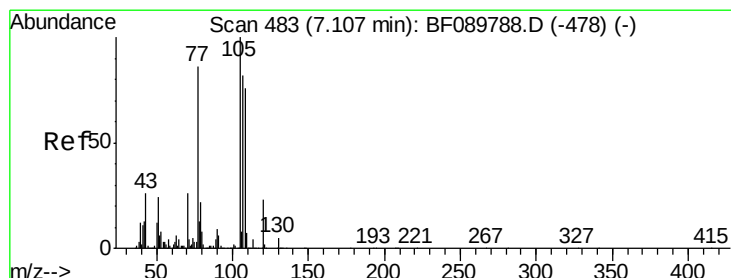
2000000

1000000

0

7.90 8.00 8.10

Time-->



#22

Acetophenone

Concen: 69.62 ng

RT: 7.12 min Scan# 484

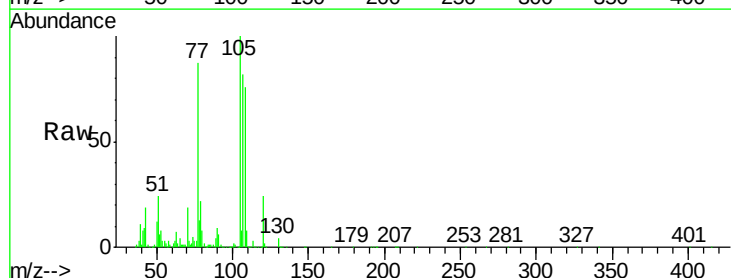
Delta R.T. 0.01 min

Lab File: BF089791.D

Acq: 19 Aug 2016 12:34

Tgt Ion:105 Resp: 3820223

Ion	Ratio	Lower	Upper
105	100		
71	3.2	1.9	2.9#
51	24.2	28.5	42.7#
120	24.2	16.6	25.0

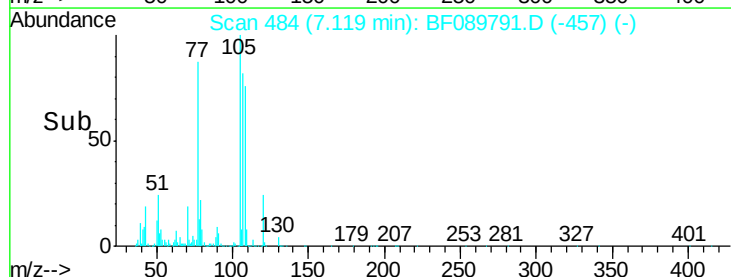


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

7.12

4000000

3000000

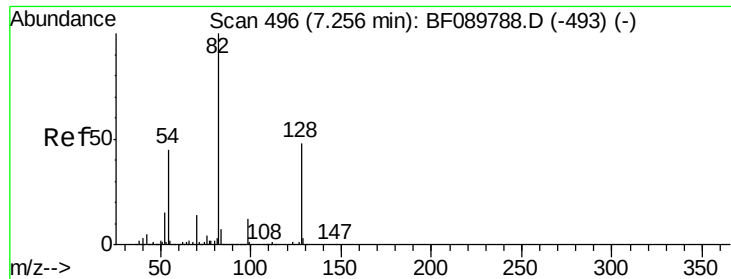
2000000

1000000

0

7.00 7.10 7.20 7.30

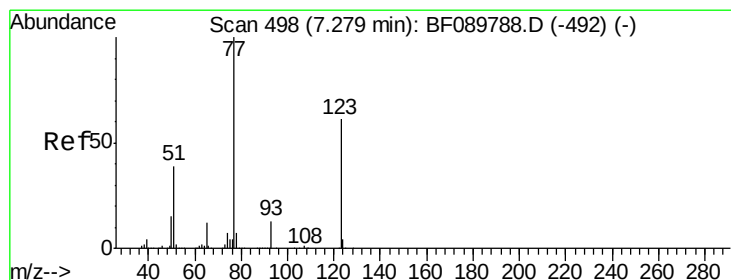
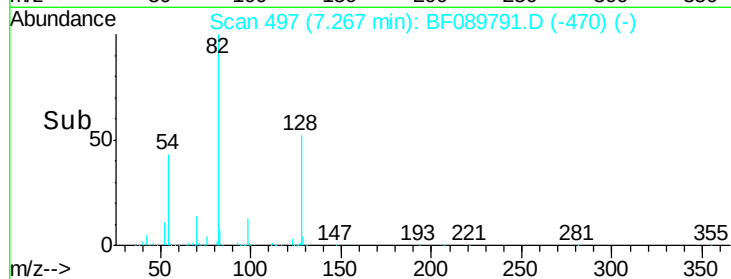
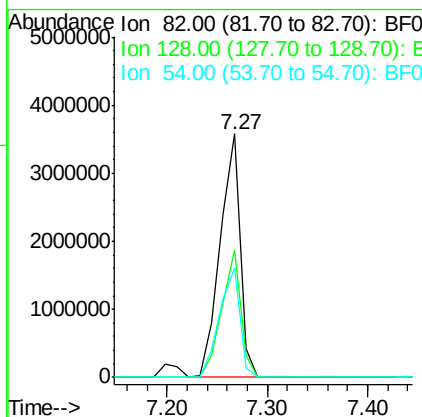
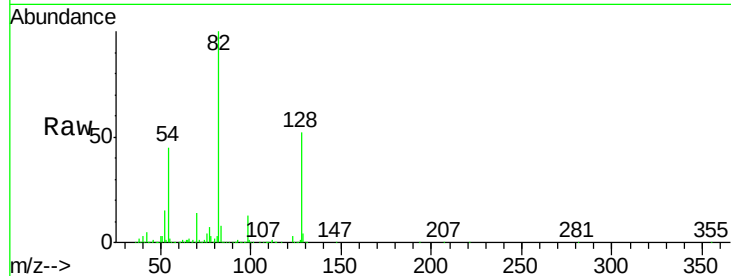
Time-->



#23
 Nitrobenzene-d5
 Concen: 128.26 ng
 RT: 7.27 min Scan# 497
 Delta R.T. 0.01 min
 Lab File: BF089791.D
 Acq: 19 Aug 2016 12:34

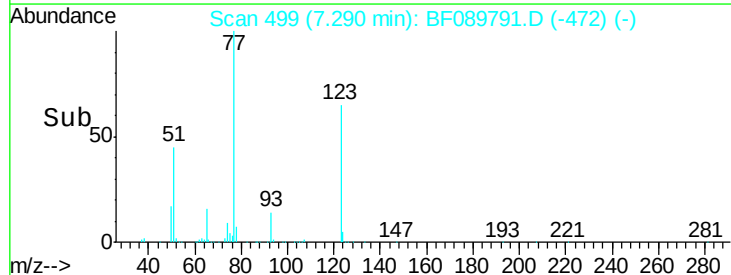
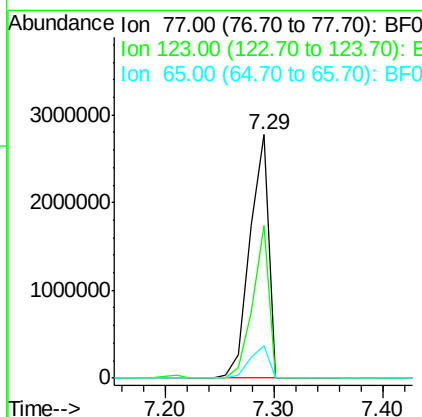
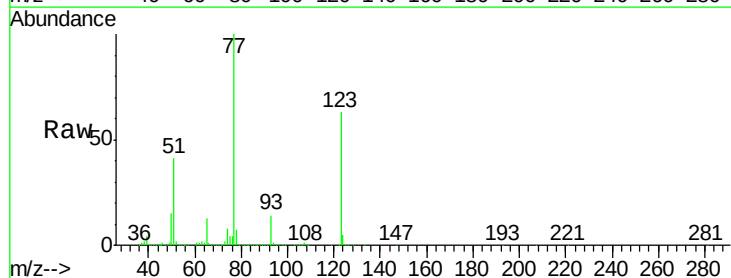
Instrument :
 BNA_F
 ClientSampleID :

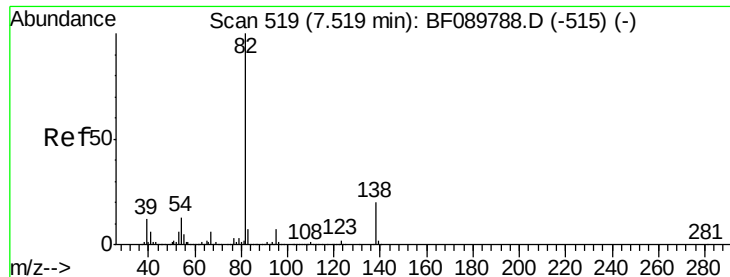
Tot Ion: 82 Resp: 4958597
 Ion Ratio Lower Upper
 82 100
 128 52.2 34.4 51.6#
 54 45.1 40.3 60.5



#24
 Nitrobenzene
 Concen: 75.98 ng
 RT: 7.29 min Scan# 499
 Delta R.T. 0.01 min
 Lab File: BF089791.D
 Acq: 19 Aug 2016 12:34

Tgt Ion: 77 Resp: 3304388
 Ion Ratio Lower Upper
 77 100
 123 62.7 36.2 54.2#
 65 13.2 10.6 15.8





#25

Isophorone

Concen: 73.75 ng

RT: 7.53 min Scan# 520

Delta R.T. 0.01 min

Lab File: BF089791.D

Acq: 19 Aug 2016 12:34

Instrument :

BNA_F

ClientSampleId :

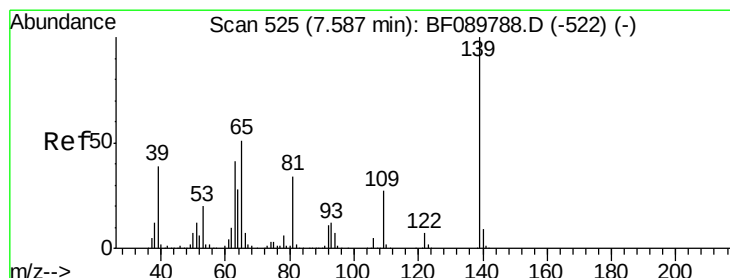
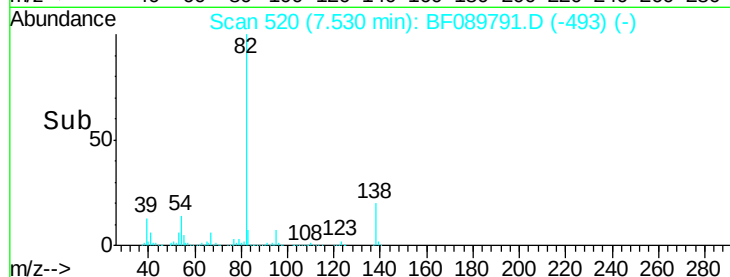
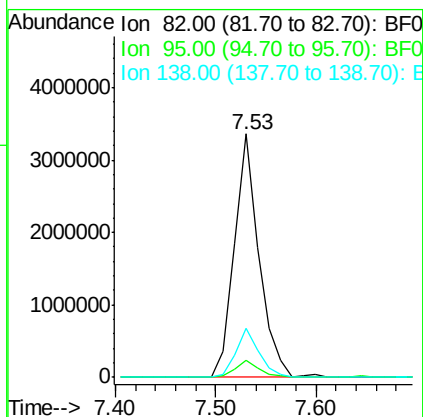
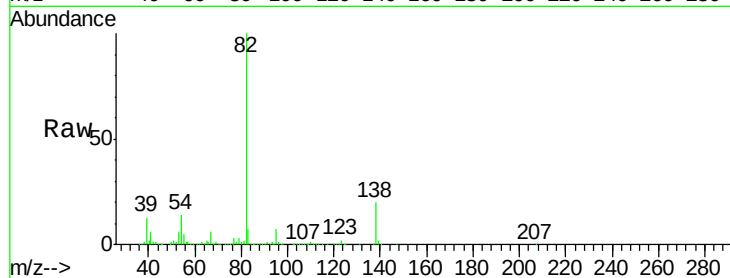
Tot Ion: 82 Resp: 5704789

Ion Ratio Lower Upper

82 100

95 7.3 5.3 7.9

138 20.1 13.0 19.4#



#26

2-Nitrophenol

Concen: 89.99 ng

RT: 7.60 min Scan# 526

Delta R.T. 0.01 min

Lab File: BF089791.D

Acq: 19 Aug 2016 12:34

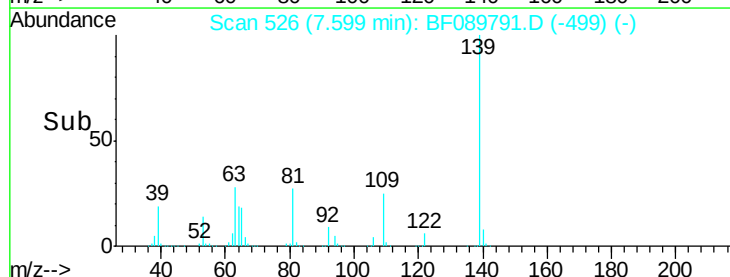
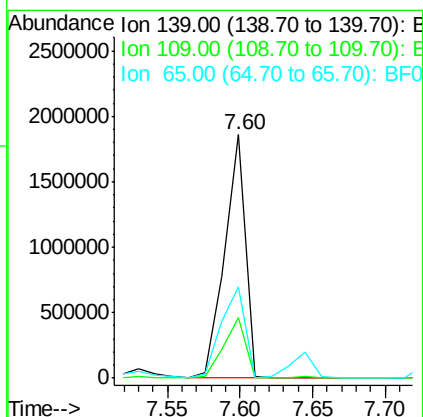
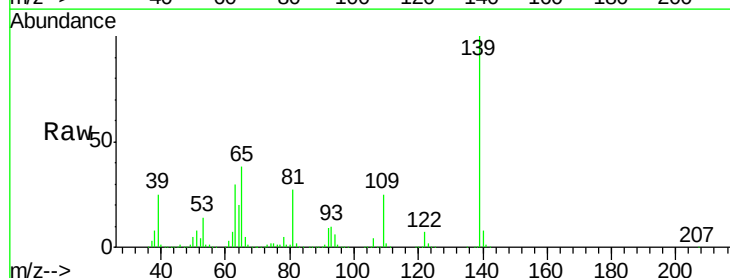
Tgt Ion: 139 Resp: 1841395

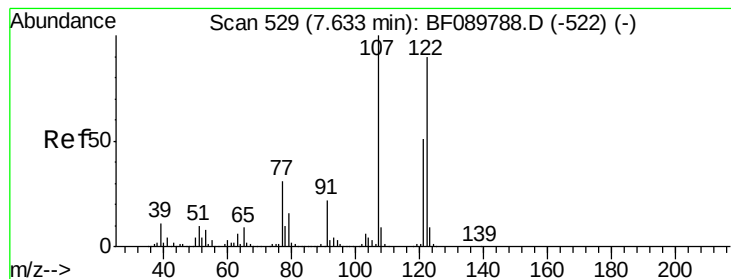
Ion Ratio Lower Upper

139 100

109 25.1 19.5 29.3

65 37.7 26.5 39.7





#27

2,4-Dimethylphenol

Concen: 66.88 ng

RT: 7.64 min Scan# 530

Delta R.T. 0.01 min

Lab File: BF089791.D

Acq: 19 Aug 2016 12:34

Instrument :

BNA_F

ClientSampled :

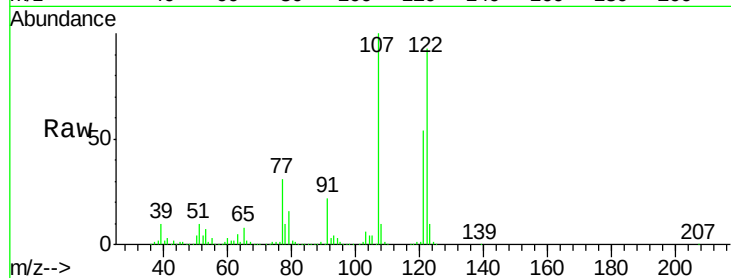
Tot Ion:122 Resp: 2594109

Ion Ratio Lower Upper

122 100

107 107.8 84.8 127.2

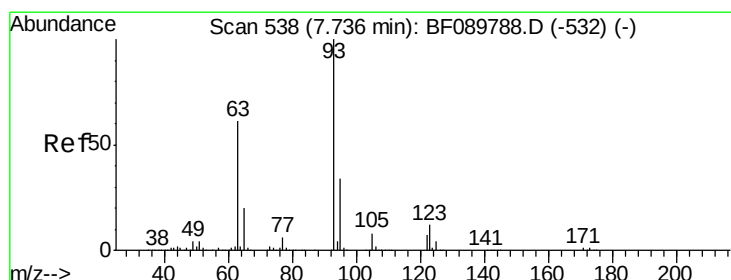
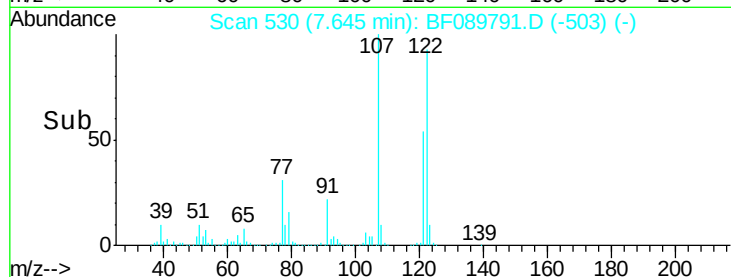
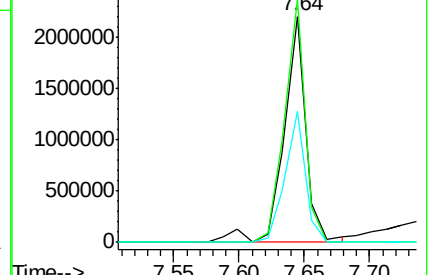
121 58.1 47.0 70.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 74.32 ng

RT: 7.75 min Scan# 539

Delta R.T. 0.01 min

Lab File: BF089791.D

Acq: 19 Aug 2016 12:34

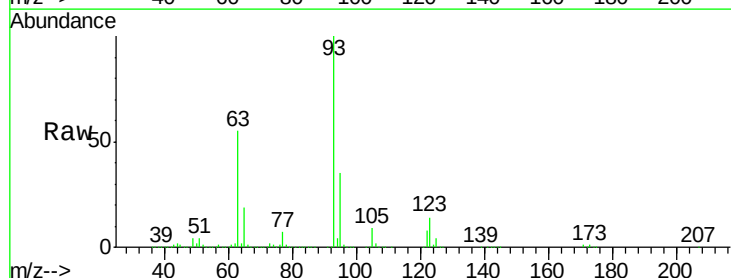
Tgt Ion: 93 Resp: 3493647

Ion Ratio Lower Upper

93 100

95 35.5 25.5 38.3

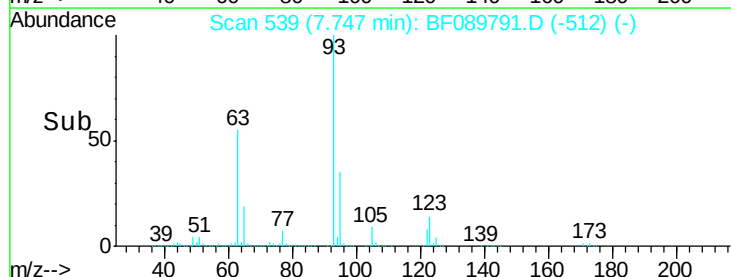
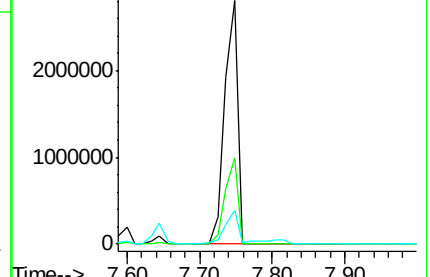
123 14.0 8.5 12.7#

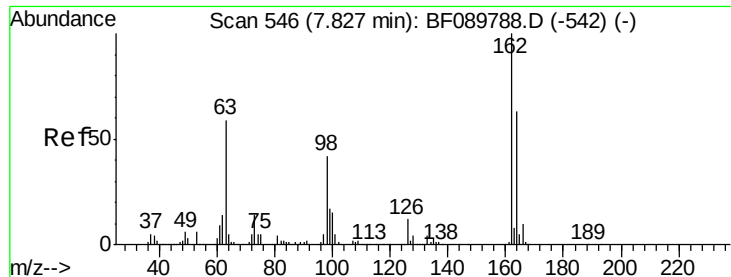


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 70.05 ng

RT: 7.84 min Scan# 547

Delta R.T. 0.01 min

Lab File: BF089791.D

Acq: 19 Aug 2016 12:34

Instrument :

BNA_F

ClientSampleId :

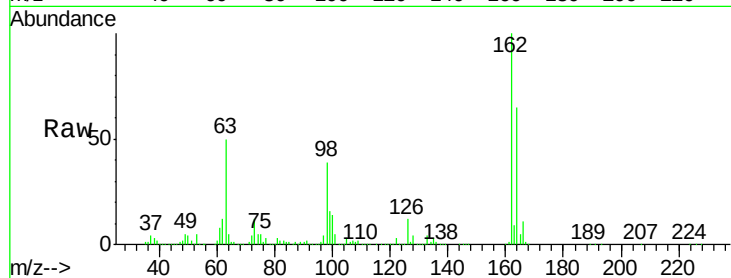
Tot Ion:162 Resp: 2261974

Ion Ratio Lower Upper

162 100

164 64.6 45.5 85.5

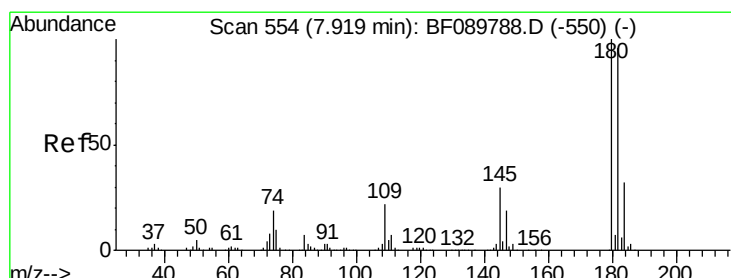
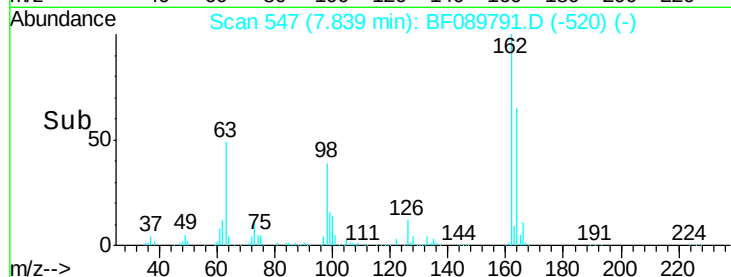
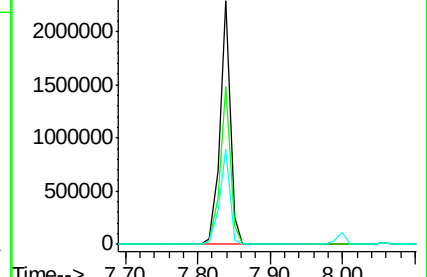
98 39.0 12.4 52.4



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 66.06 ng

RT: 7.92 min Scan# 554

Delta R.T. -0.00 min

Lab File: BF089791.D

Acq: 19 Aug 2016 12:34

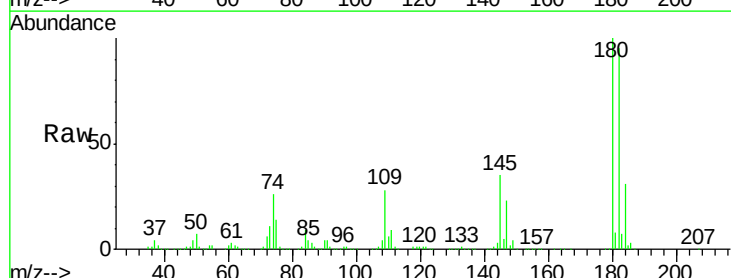
Tgt Ion:180 Resp: 2290056

Ion Ratio Lower Upper

180 100

182 95.1 75.5 113.3

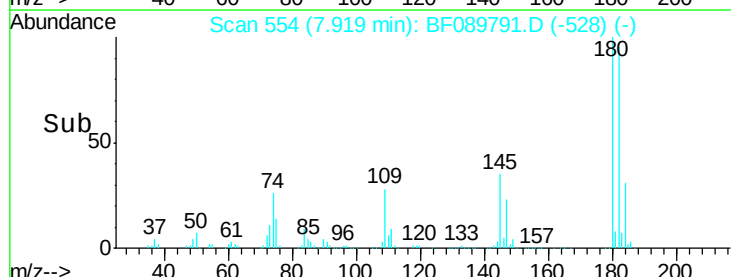
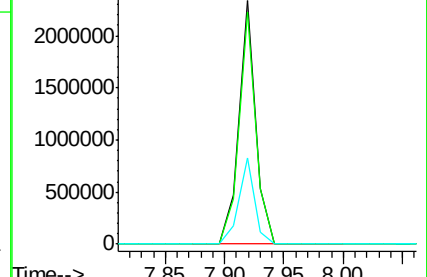
145 35.1 28.7 43.1

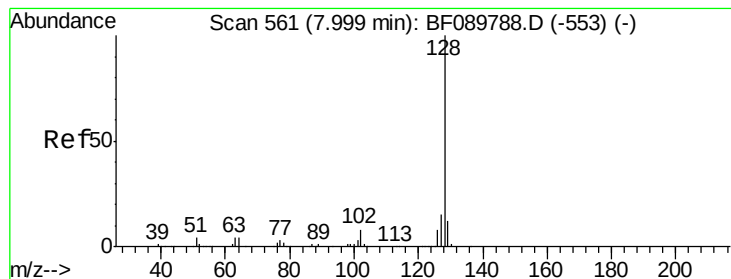


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 55.88 ng

RT: 8.00 min Scan# 561

Delta R.T. -0.00 min

Lab File: BF089791.D

Acq: 19 Aug 2016 12:34

Instrument :

BNA_F

ClientSampleId :

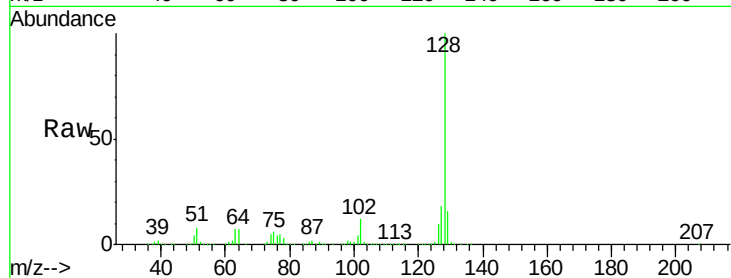
Tot Ion:128 Resp: 5921045

Ion Ratio Lower Upper

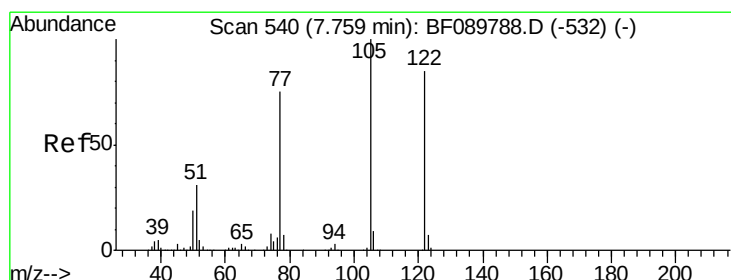
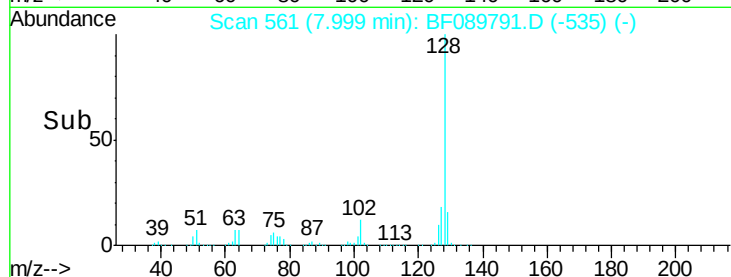
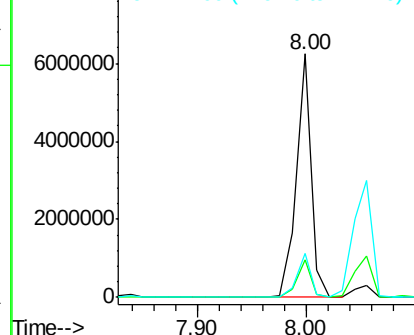
128 100

129 15.5 9.5 14.3#

127 18.2 11.3 16.9#



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: 78.03 ng

RT: 7.82 min Scan# 545

Delta R.T. 0.06 min

Lab File: BF089791.D

Acq: 19 Aug 2016 12:34

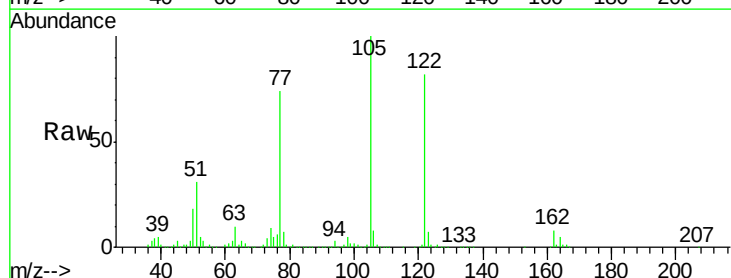
Tgt Ion:122 Resp: 2353040

Ion Ratio Lower Upper

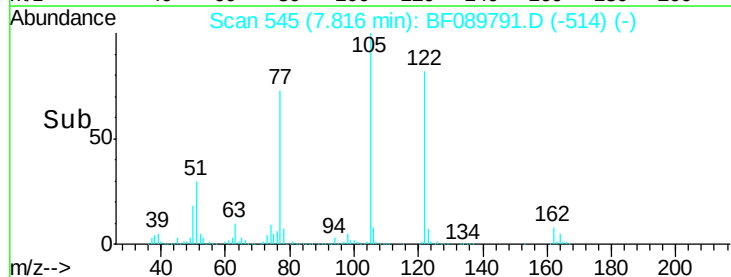
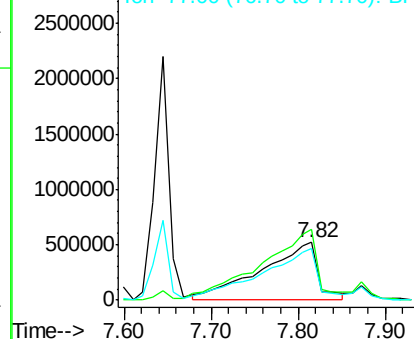
122 100

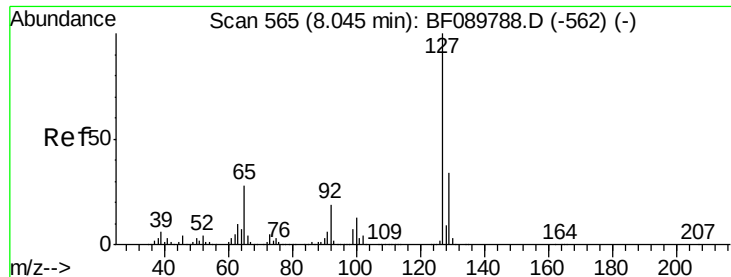
105 121.7 100.8 140.8

77 89.5 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

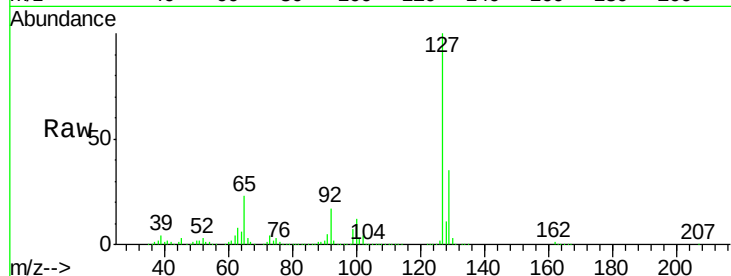




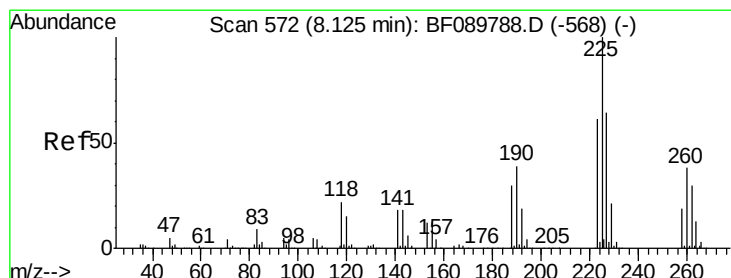
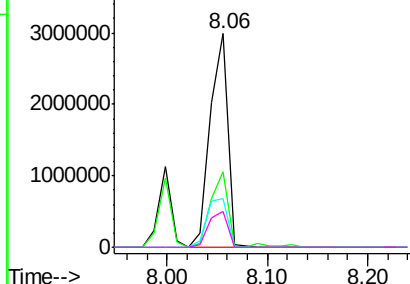
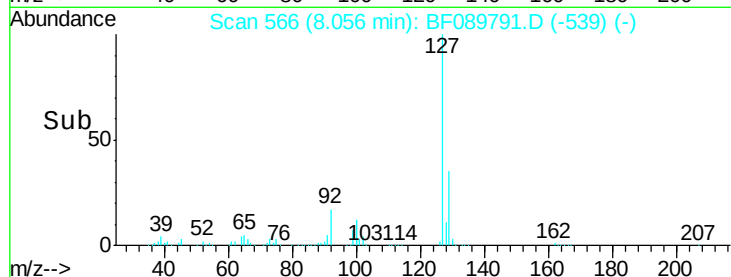
#33
4-Chloroaniline
Concen: 73.89 ng
RT: 8.06 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF089791.D
Acq: 19 Aug 2016 12:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	3623247
Ion	Ratio	Lower	Upper
127	100		
129	35.4	27.0	40.6
65	22.6	14.7	22.1#
92	17.0	11.7	17.5

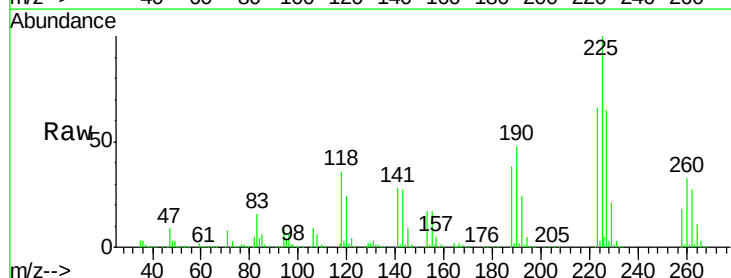


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

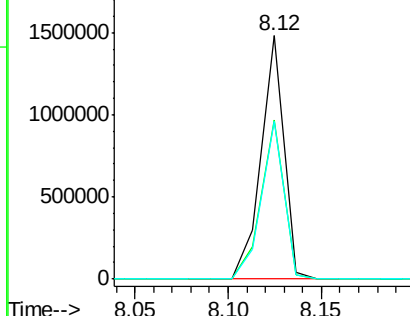
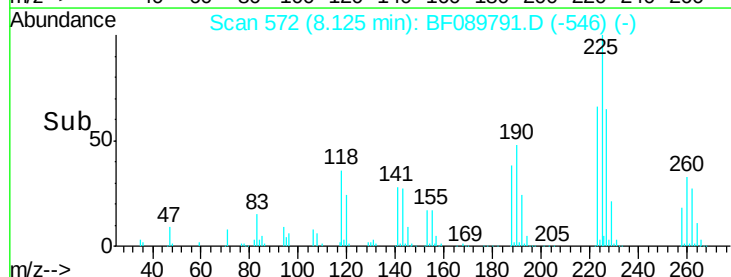


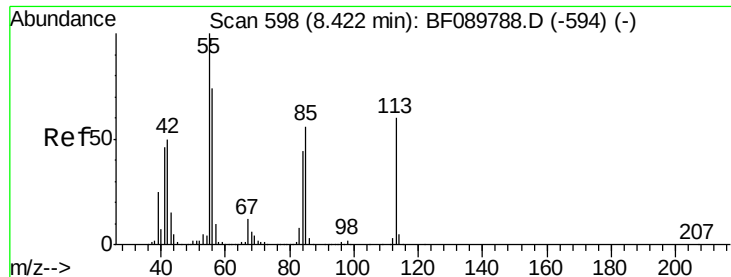
#34
Hexachlorobutadiene
Concen: 68.48 ng
RT: 8.12 min Scan# 572
Delta R.T. -0.00 min
Lab File: BF089791.D
Acq: 19 Aug 2016 12:34

Tgt Ion:	225	Resp:	1247143
Ion	Ratio	Lower	Upper
225	100		
223	65.5	51.0	76.6
227	64.7	49.8	74.6



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





#35

Caprolactam

Concen: 72.03 ng

RT: 8.46 min Scan# 601

Delta R.T. 0.03 min

Lab File: BF089791.D

Acq: 19 Aug 2016 12:34

Instrument :

BNA_F

ClientSampled :

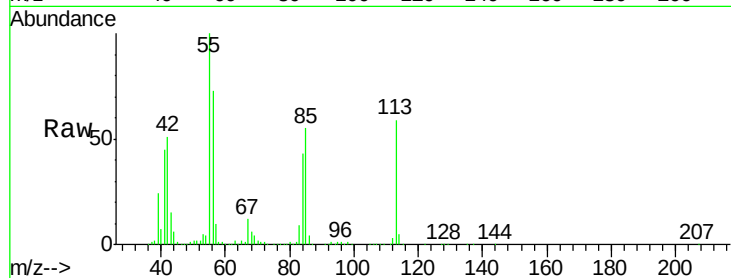
Tot Ion:113 Resp: 716934

Ion Ratio Lower Upper

113 100

55 168.3 135.9 175.9

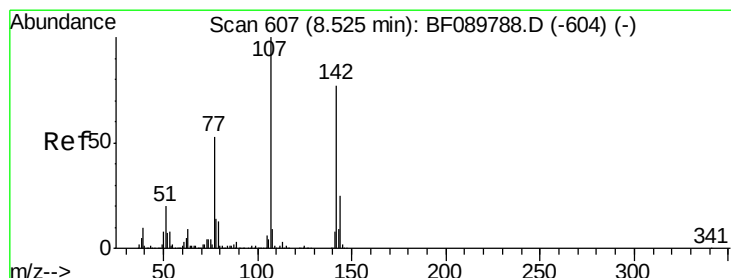
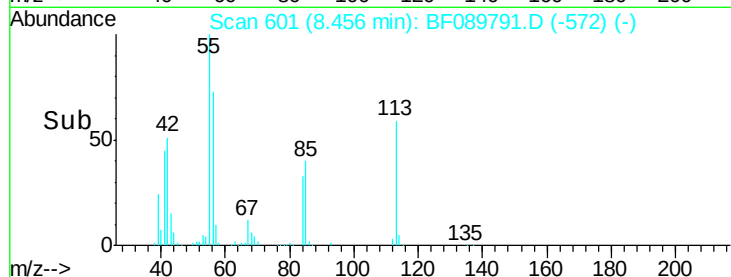
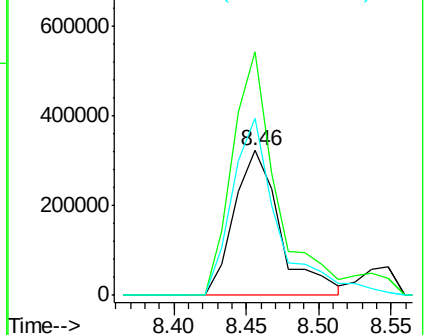
56 122.7 93.9 133.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 78.17 ng

RT: 8.55 min Scan# 609

Delta R.T. 0.02 min

Lab File: BF089791.D

Acq: 19 Aug 2016 12:34

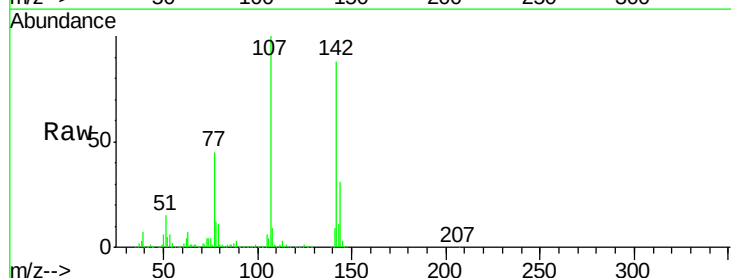
Tgt Ion:107 Resp: 2748162

Ion Ratio Lower Upper

107 100

144 30.5 22.6 34.0

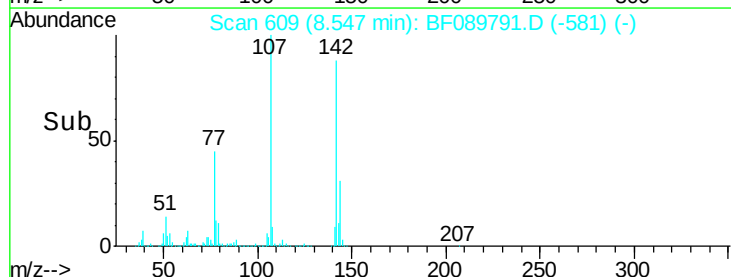
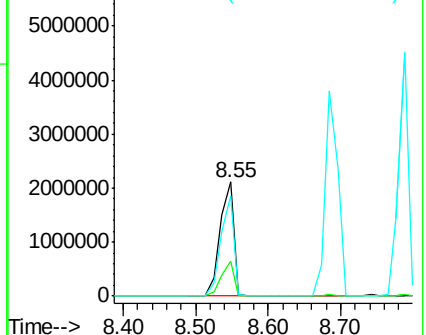
142 88.1 69.3 103.9

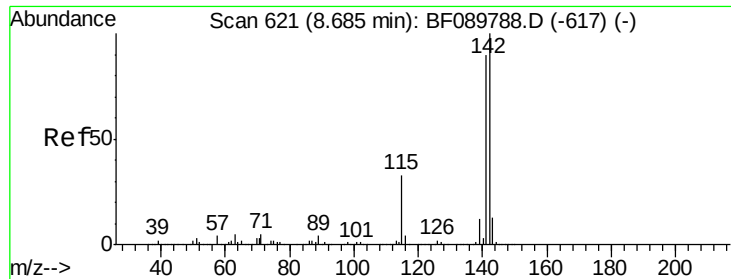


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

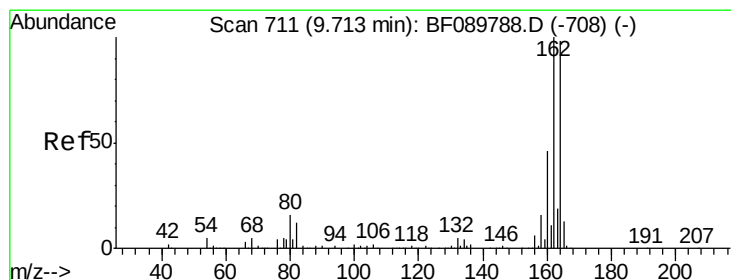
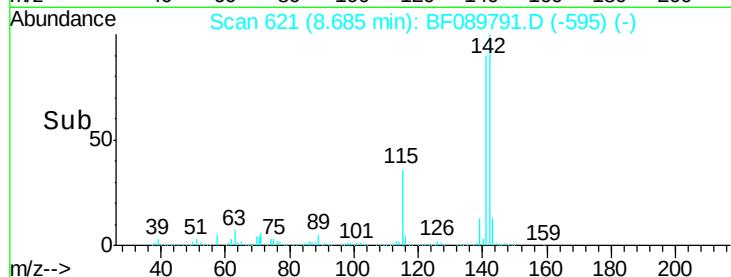
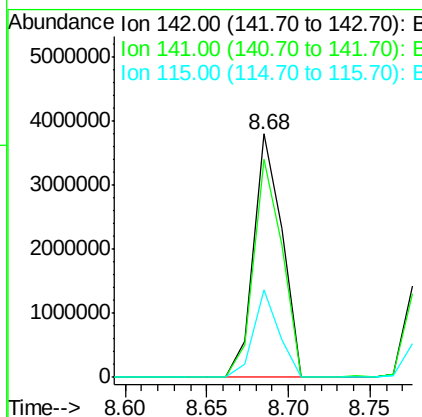
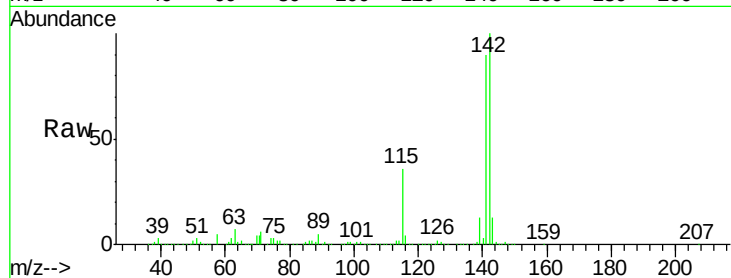




#37
2-Methylnaphthalene
Concen: 63.83 ng
RT: 8.68 min Scan# 621
Delta R.T. -0.00 min
Lab File: BF089791.D
Acq: 19 Aug 2016 12:34

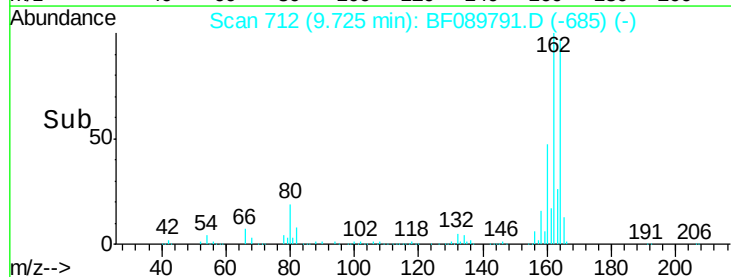
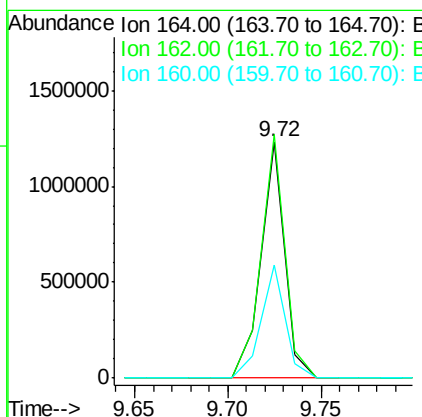
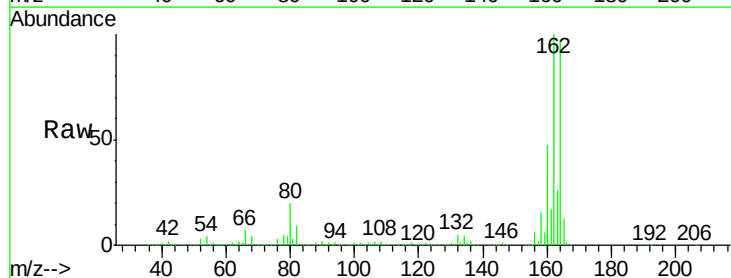
Instrument :
BNA_F
ClientSampled :

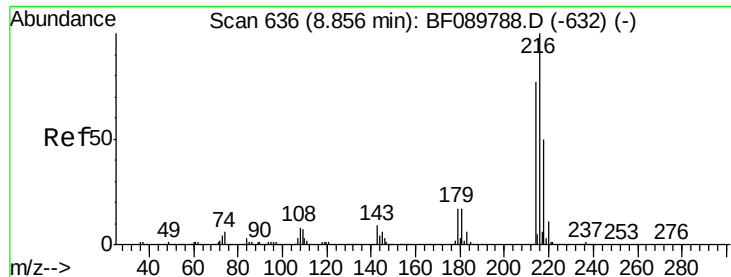
Tot Ion:142 Resp: 4603825
Ion Ratio Lower Upper
142 100
141 89.7 71.4 107.2
115 35.7 22.7 34.1#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.72 min Scan# 712
Delta R.T. 0.01 min
Lab File: BF089791.D
Acq: 19 Aug 2016 12:34

Tgt Ion:164 Resp: 1099210
Ion Ratio Lower Upper
164 100
162 103.1 81.4 122.2
160 48.0 37.8 56.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 58.47 ng

RT: 8.86 min Scan# 636

Delta R.T. -0.00 min

Lab File: BF089791.D

Acq: 19 Aug 2016 12:34

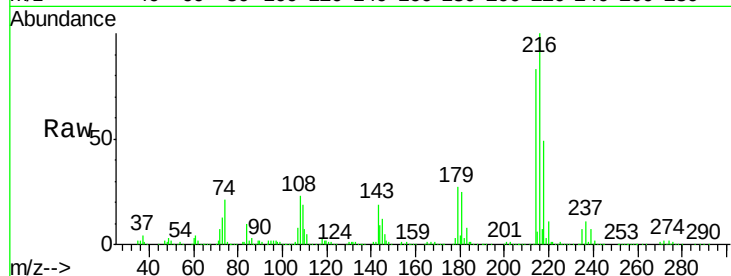
Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 2066222

Ion	Ratio	Lower	Upper
216	100		
214	81.8	63.5	95.3
179	26.0	19.9	29.9
108	24.4	19.9	29.9

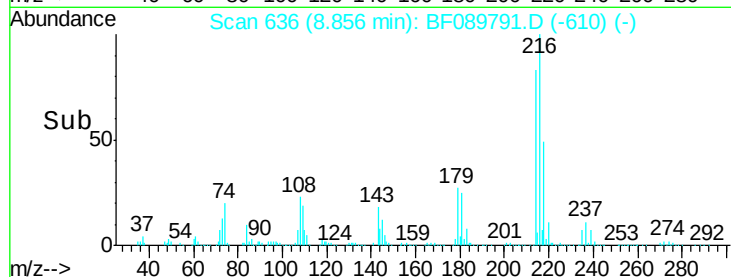


Abundance Ion 216.00 (215.70 to 216.70): E

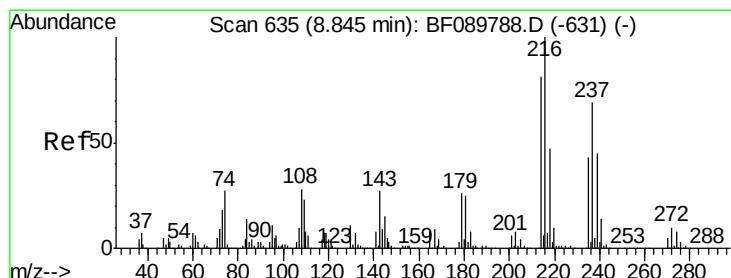
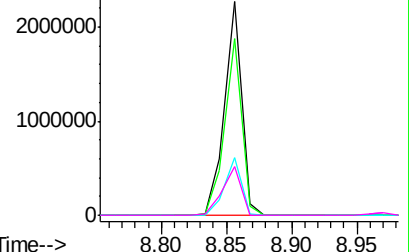
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 59.80 ng

RT: 8.84 min Scan# 635

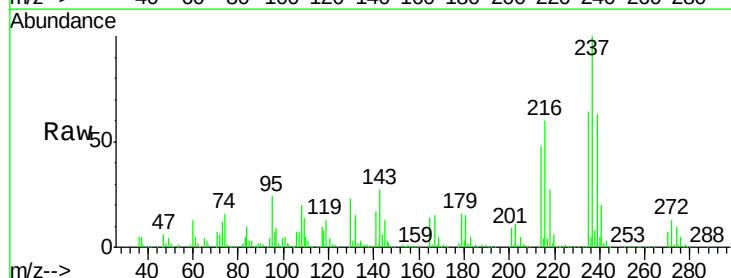
Delta R.T. -0.00 min

Lab File: BF089791.D

Acq: 19 Aug 2016 12:34

Tgt Ion:237 Resp: 941779

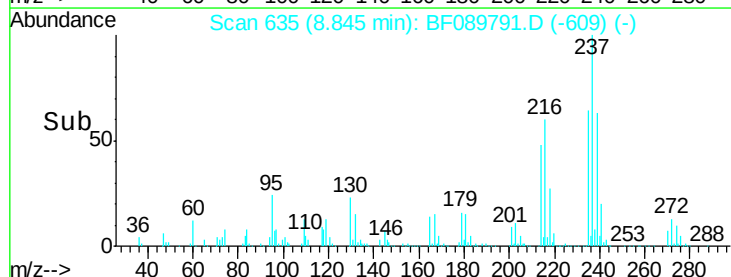
Ion	Ratio	Lower	Upper
237	100		
235	64.0	43.7	83.7
272	12.8	0.0	31.6



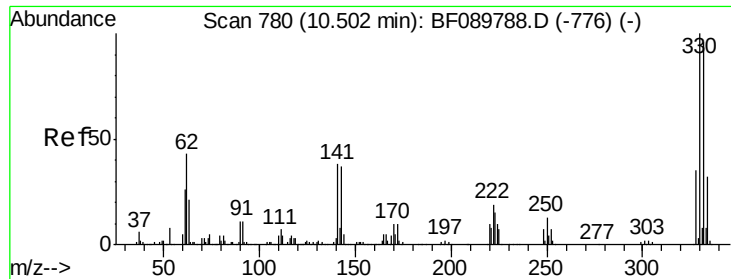
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



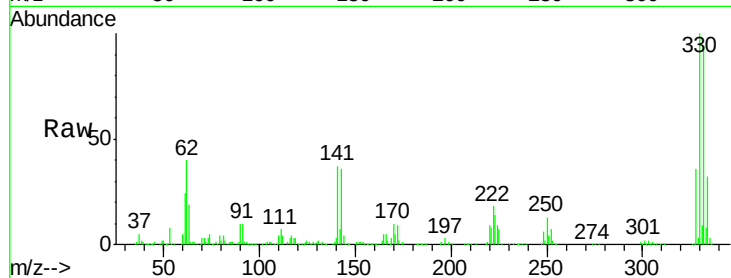
Time-->



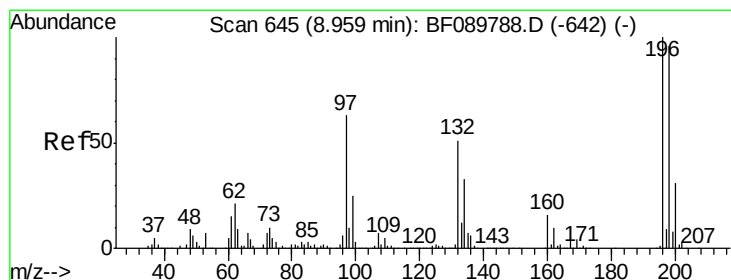
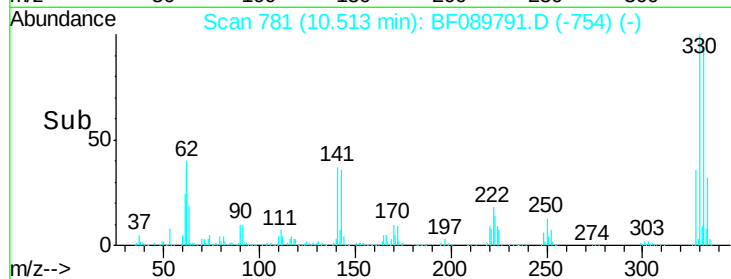
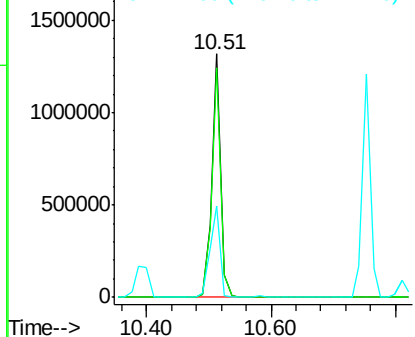
#41
 2,4,6-Tribromophenol
 Concen: 120.76 ng
 RT: 10.51 min Scan# 781
 Delta R.T. 0.01 min
 Lab File: BF089791.D
 Acq: 19 Aug 2016 12:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 1284178
 Ion Ratio Lower Upper
 330 100
 332 94.7 76.7 115.1
 141 42.3 30.2 45.2

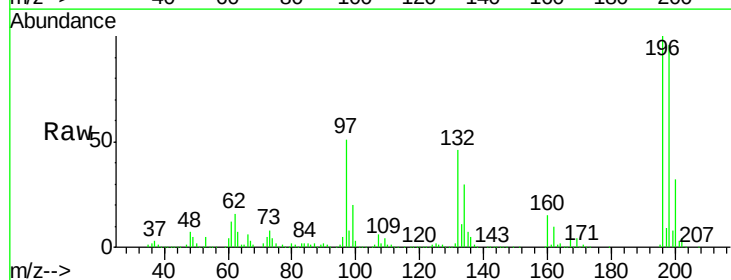


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

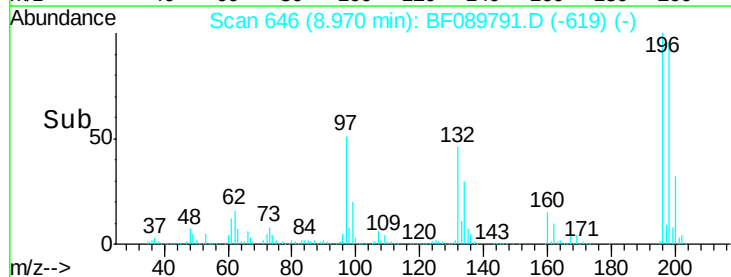
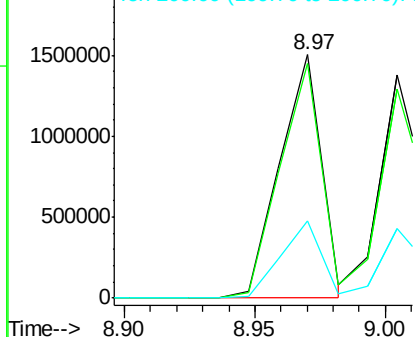


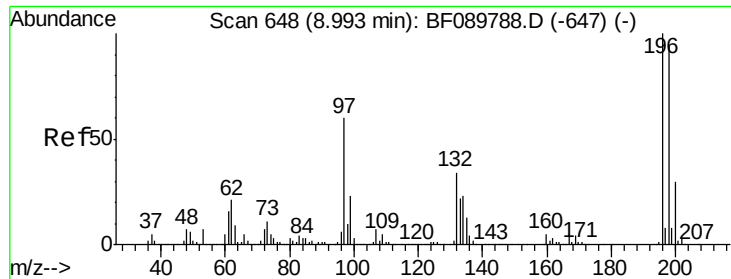
#42
 2,4,6-Trichlorophenol
 Concen: 73.04 ng
 RT: 8.97 min Scan# 646
 Delta R.T. 0.01 min
 Lab File: BF089791.D
 Acq: 19 Aug 2016 12:34

Tgt Ion:196 Resp: 1667328
 Ion Ratio Lower Upper
 196 100
 198 96.3 76.3 114.5
 200 31.9 24.6 36.8



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

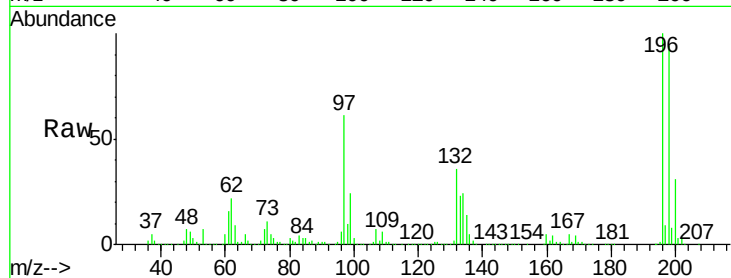




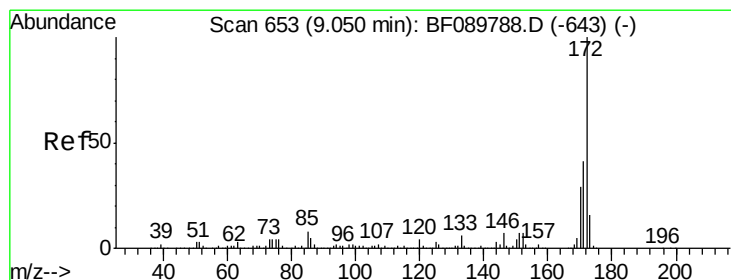
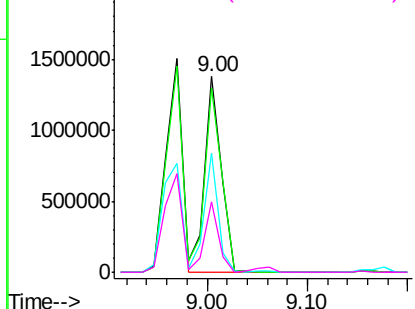
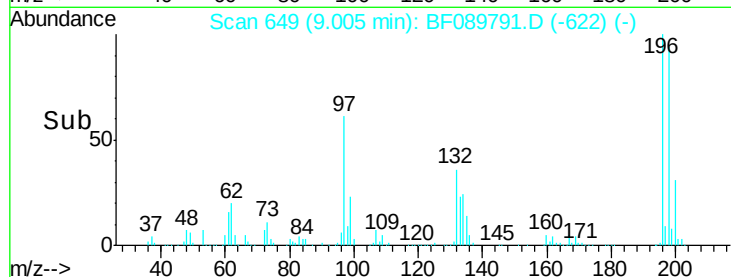
#43
 2,4,5-Trichlorophenol
 Concen: 72.03 ng
 RT: 9.00 min Scan# 649
 Delta R.T. 0.01 min
 Lab File: BF089791.D
 Acq: 19 Aug 2016 12:34

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 1567690
 Ion Ratio Lower Upper
 196 100
 198 94.0 76.6 114.8
 97 61.1 35.8 53.8#
 132 35.8 23.5 35.3#

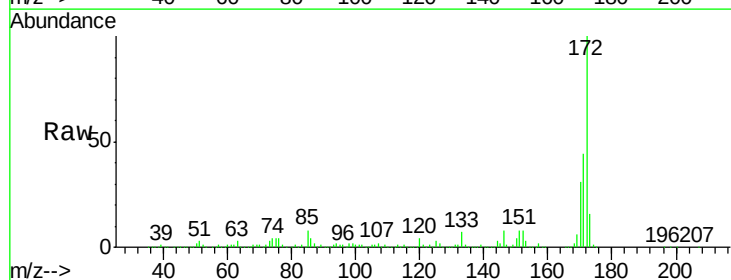


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

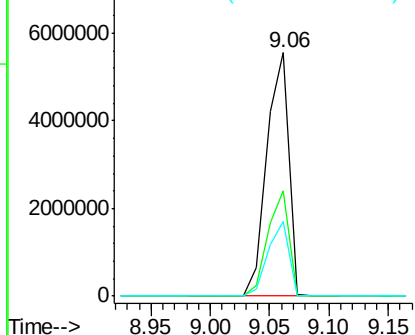
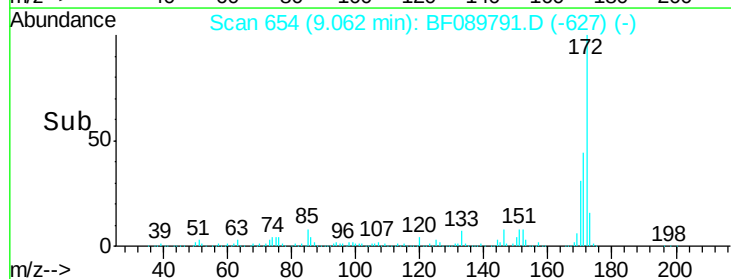


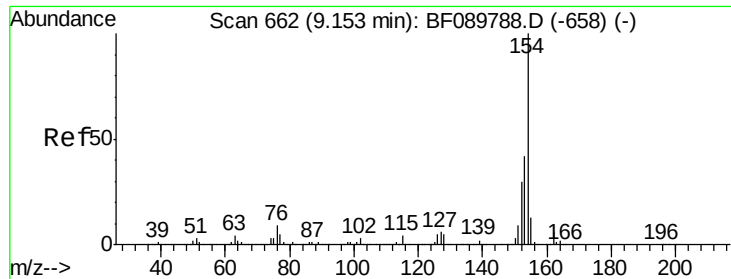
#44
 2-Fluorobiphenyl
 Concen: 104.97 ng
 RT: 9.06 min Scan# 654
 Delta R.T. 0.01 min
 Lab File: BF089791.D
 Acq: 19 Aug 2016 12:34

Tgt Ion:172 Resp: 7190767
 Ion Ratio Lower Upper
 172 100
 171 43.5 30.5 45.7
 170 30.8 20.6 31.0



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

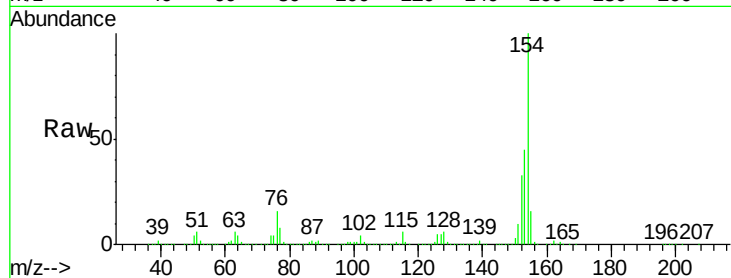




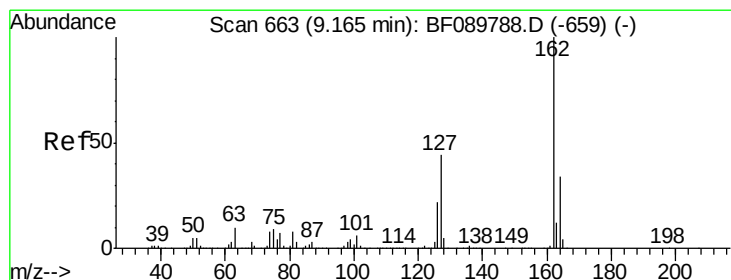
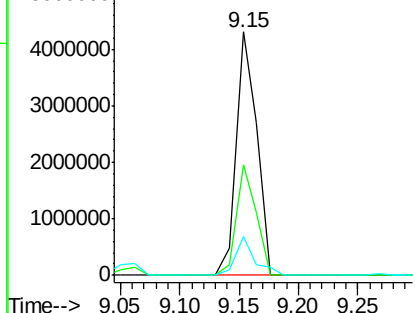
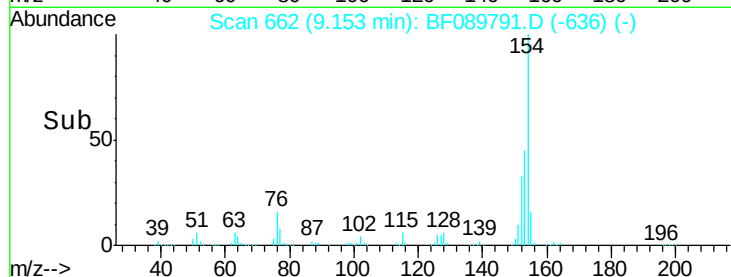
#45
 1,1'-Biphenyl
 Concen: 56.61 ng
 RT: 9.15 min Scan# 662
 Delta R.T. -0.00 min
 Lab File: BF089791.D
 Acq: 19 Aug 2016 12:34

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:154 Resp: 5153850
 Ion Ratio Lower Upper
 154 100
 153 45.3 21.5 61.5
 76 15.9 0.0 36.7

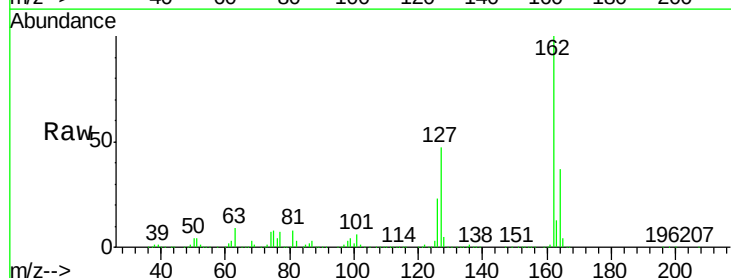


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

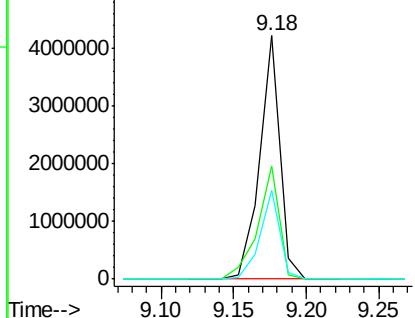
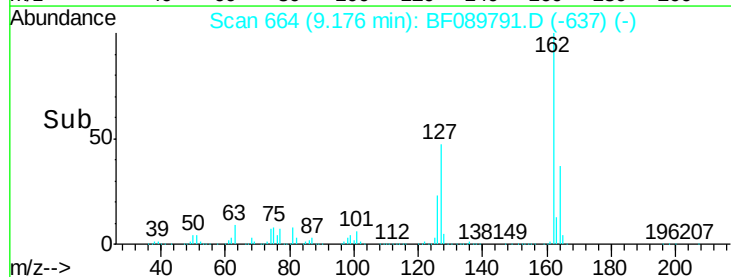


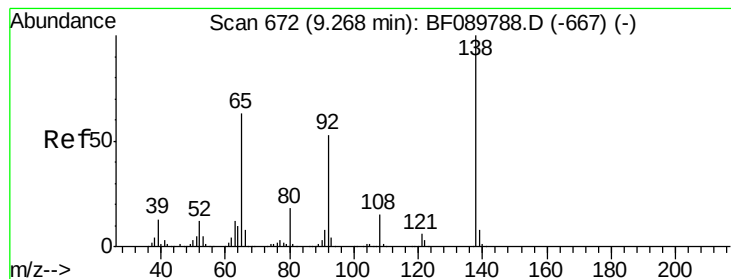
#46
 2-Chloronaphthalene
 Concen: 59.72 ng
 RT: 9.18 min Scan# 664
 Delta R.T. 0.01 min
 Lab File: BF089791.D
 Acq: 19 Aug 2016 12:34

Tgt Ion:162 Resp: 4074304
 Ion Ratio Lower Upper
 162 100
 127 46.6 35.5 53.3
 164 36.7 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: 65.00 ng

RT: 9.27 min Scan# 672

Delta R.T. -0.00 min

Lab File: BF089791.D

Acq: 19 Aug 2016 12:34

Instrument :

BNA_F

ClientSampleId :

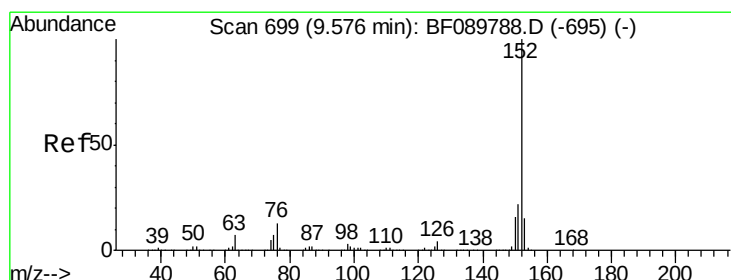
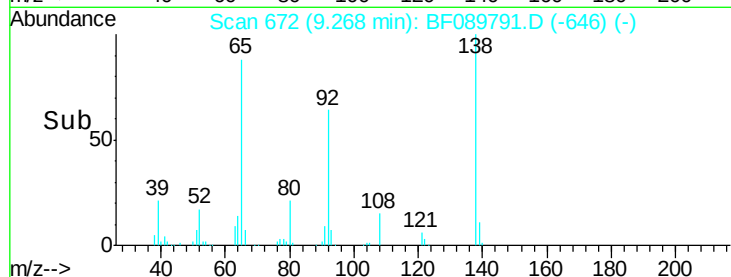
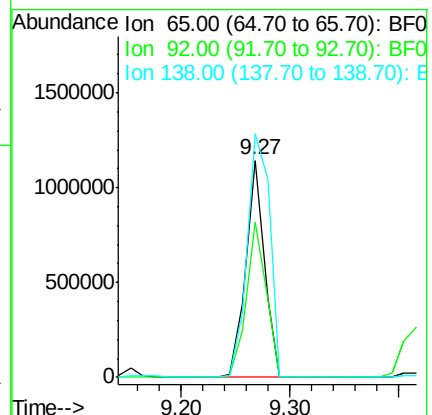
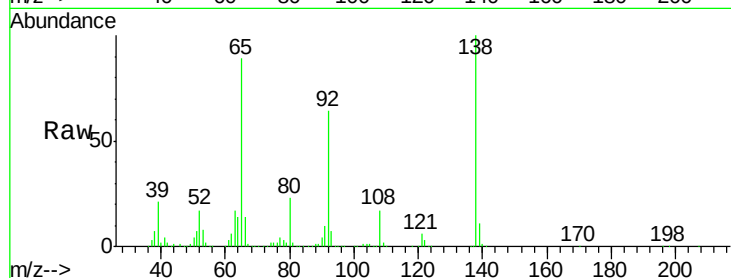
Tot Ion: 65 Resp: 1351070

Ion Ratio Lower Upper

65 100

92 71.5 56.3 84.5

138 112.0 81.8 122.8



#48

Acenaphthylene

Concen: 56.97 ng

RT: 9.59 min Scan# 700

Delta R.T. 0.01 min

Lab File: BF089791.D

Acq: 19 Aug 2016 12:34

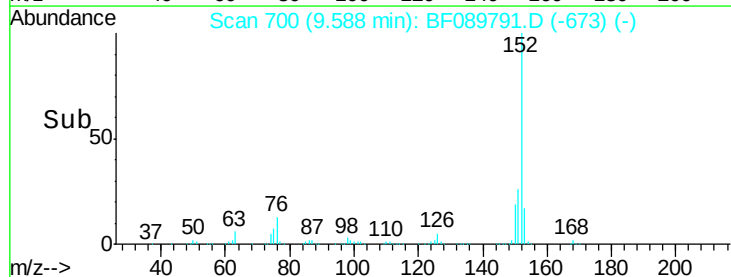
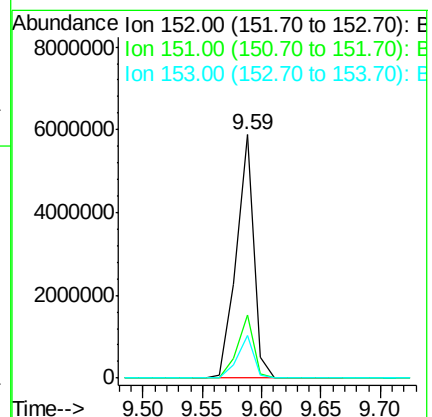
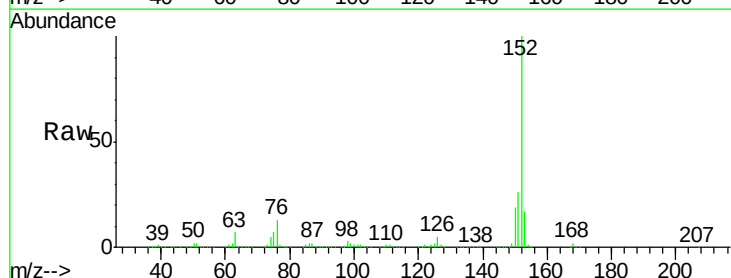
Tgt Ion: 152 Resp: 5983255

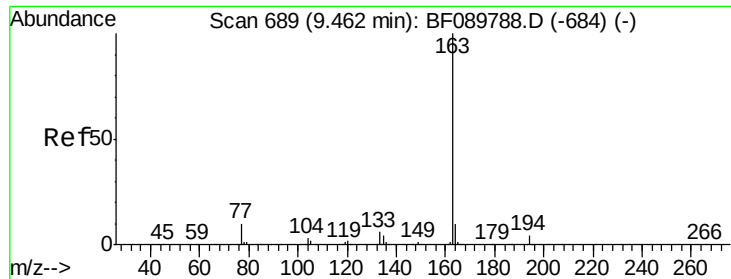
Ion Ratio Lower Upper

152 100

151 26.1 17.1 25.7#

153 17.4 11.2 16.8#





#49

Dimethylphthalate

Concen: 68.39 ng

RT: 9.47 min Scan# 690

Delta R.T. 0.01 min

Lab File: BF089791.D

Acq: 19 Aug 2016 12:34

Instrument :
BNA_F
ClientSampleId :

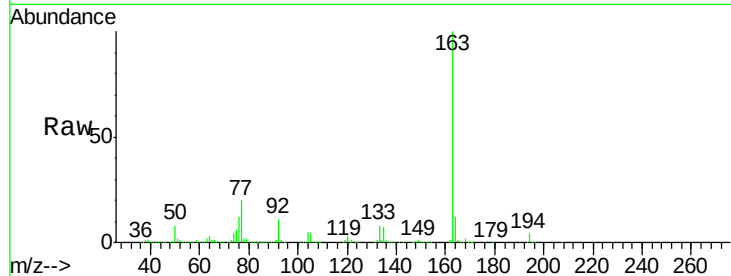
Tot Ion:163 Resp: 5439241

Ion Ratio Lower Upper

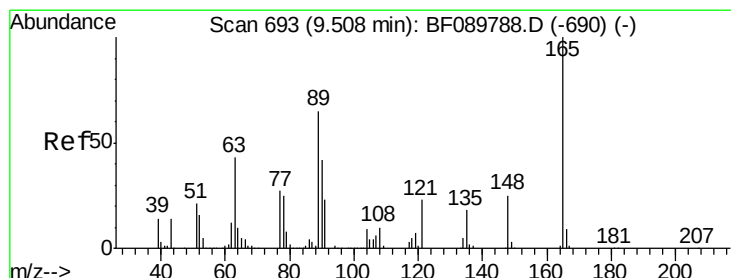
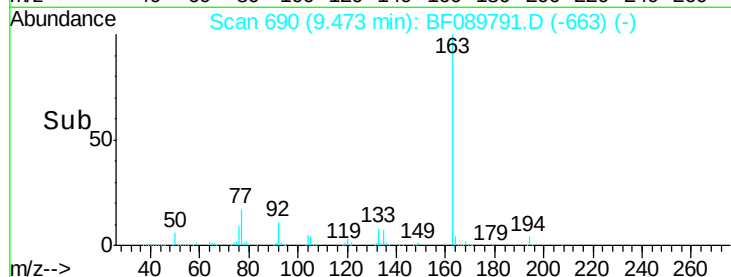
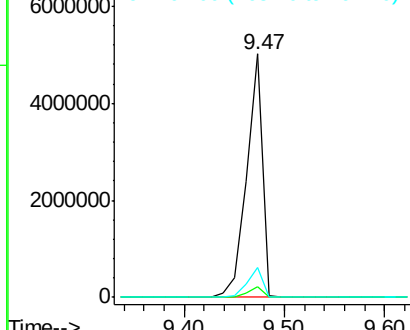
163 100

194 4.1 2.6 3.8#

164 12.1 8.6 12.8



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 70.37 ng

RT: 9.52 min Scan# 694

Delta R.T. 0.01 min

Lab File: BF089791.D

Acq: 19 Aug 2016 12:34

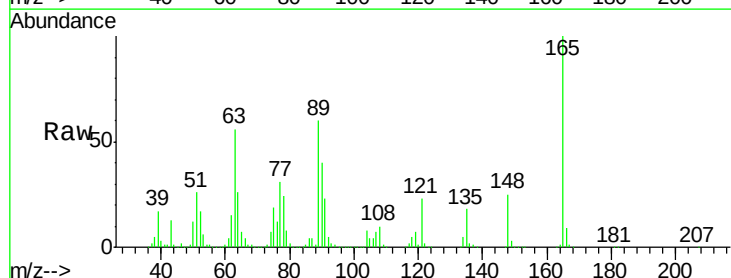
Tgt Ion:165 Resp: 1266787

Ion Ratio Lower Upper

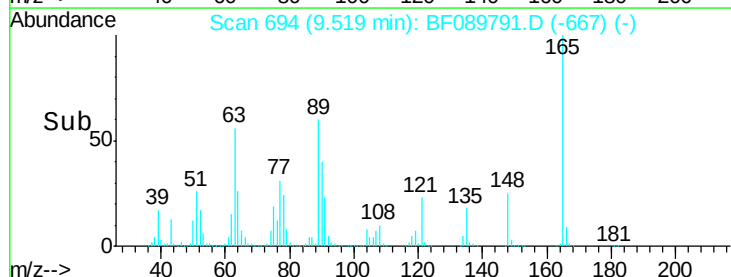
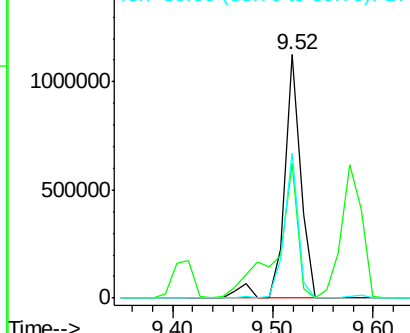
165 100

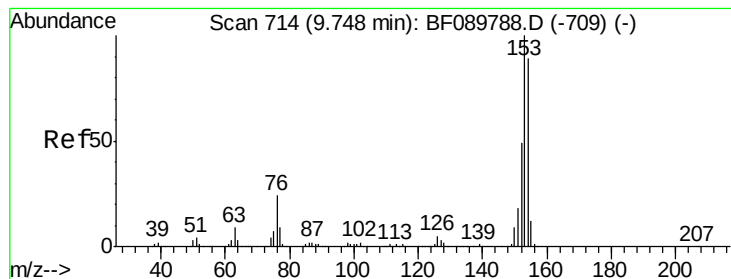
63 55.6 41.7 62.5

89 59.6 44.6 67.0



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





#51

Acenaphthene

Concen: 58.56 ng

RT: 9.76 min Scan# 715

Delta R.T. 0.01 min

Lab File: BF089791.D

Acq: 19 Aug 2016 12:34

Instrument :

BNA_F

ClientSampleId :

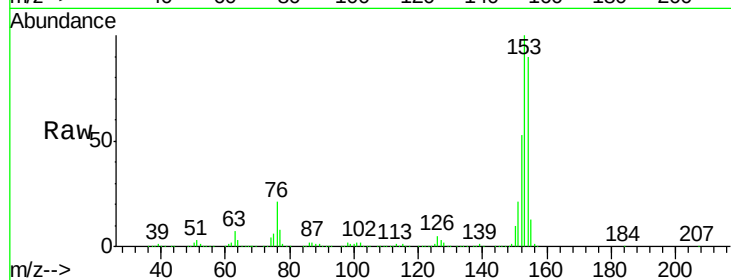
Tot Ion:154 Resp: 4149788

Ion Ratio Lower Upper

154 100

153 111.3 90.5 135.7

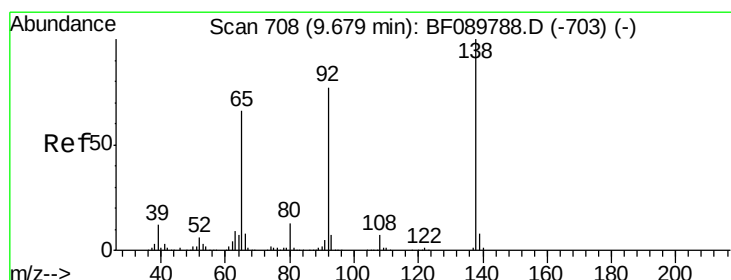
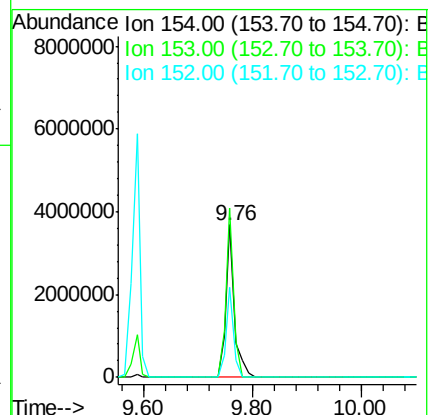
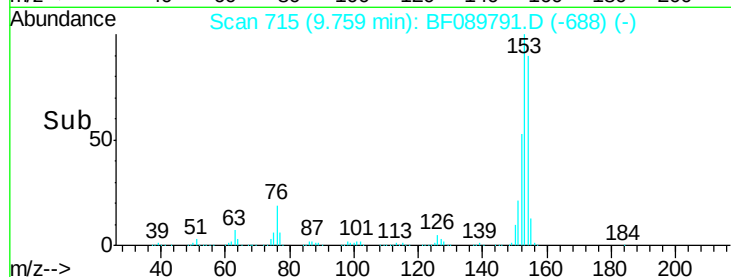
152 58.8 44.6 67.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 80.40 ng

RT: 9.69 min Scan# 709

Delta R.T. 0.01 min

Lab File: BF089791.D

Acq: 19 Aug 2016 12:34

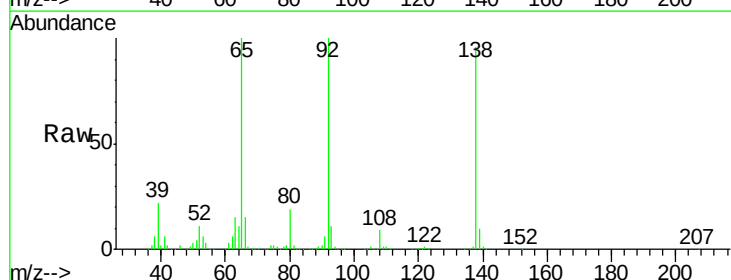
Tgt Ion:138 Resp: 1682823

Ion Ratio Lower Upper

138 100

108 9.3 8.1 12.1

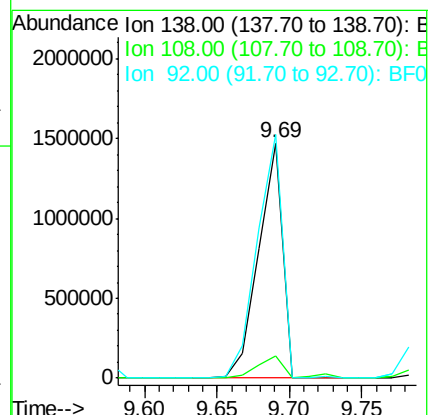
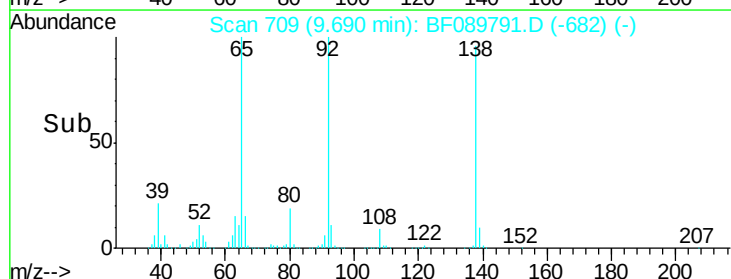
92 103.6 92.7 139.1

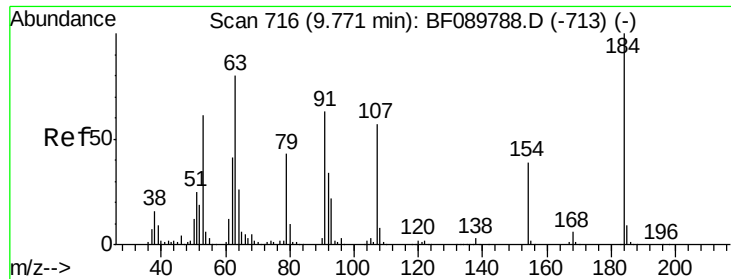


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

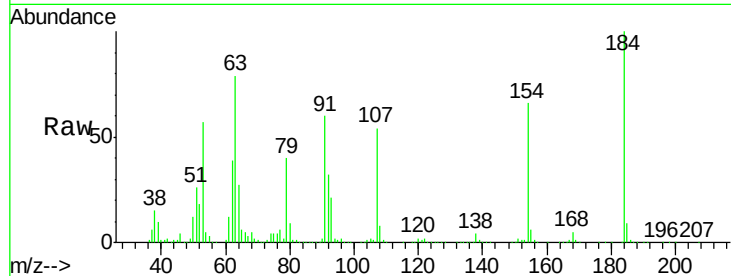




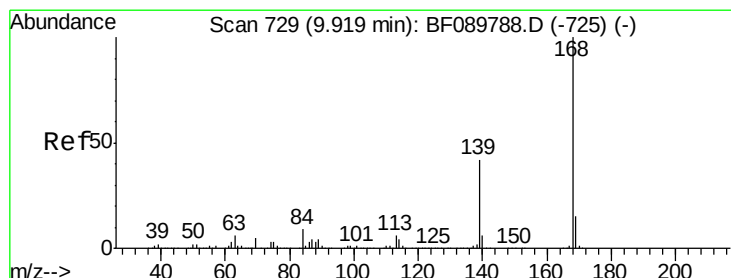
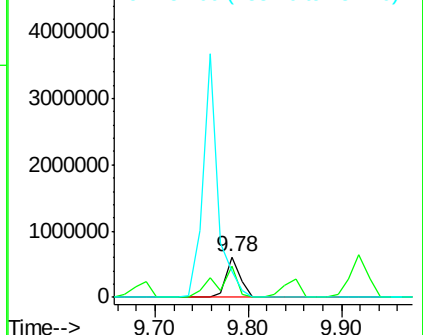
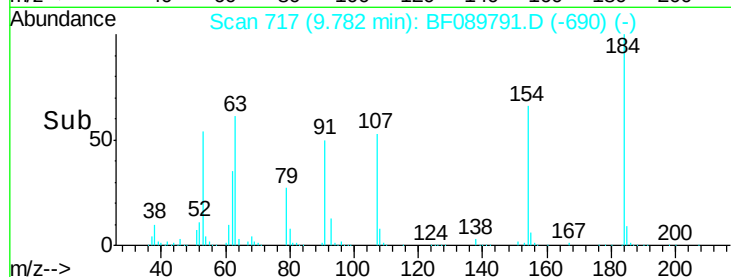
#53
2,4-Dinitrophenol
Concen: 98.38 ng
RT: 9.78 min Scan# 717
Delta R.T. 0.01 min
Lab File: BF089791.D
Acq: 19 Aug 2016 12:34

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 629209
Ion Ratio Lower Upper
184 100
63 78.7 54.2 81.4
154 65.7 52.7 79.1

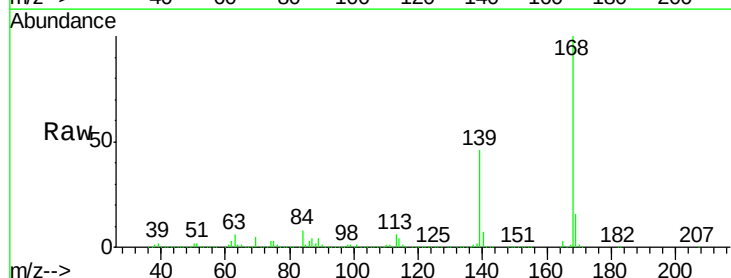


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

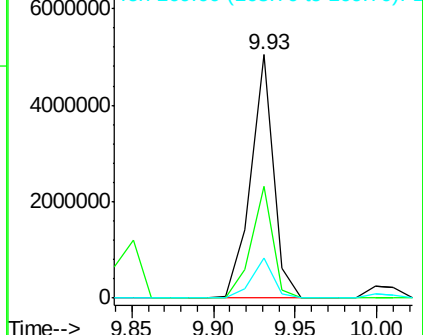
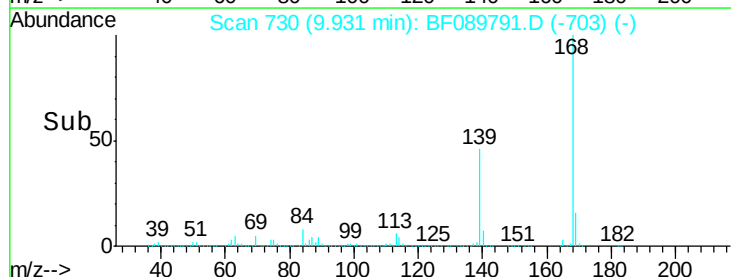


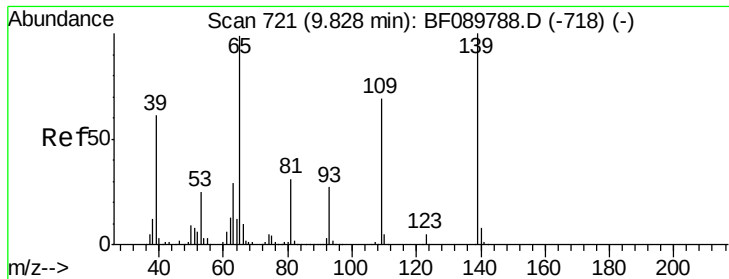
#54
Dibenzofuran
Concen: 55.92 ng
RT: 9.93 min Scan# 730
Delta R.T. 0.01 min
Lab File: BF089791.D
Acq: 19 Aug 2016 12:34

Tgt Ion:168 Resp: 4876239
Ion Ratio Lower Upper
168 100
139 45.8 34.6 52.0
169 16.4 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

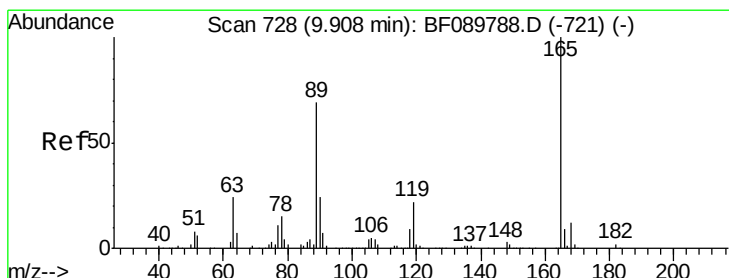
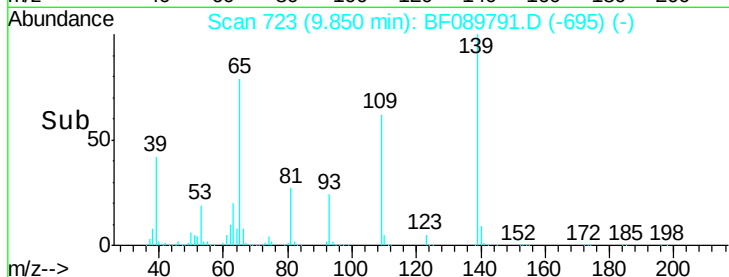
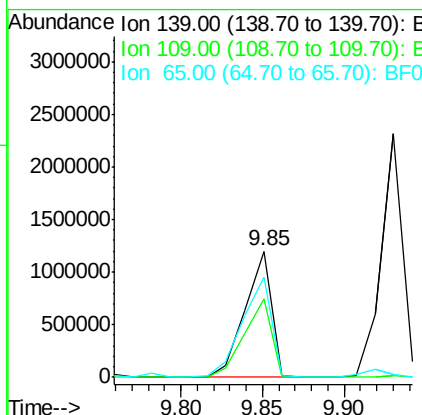
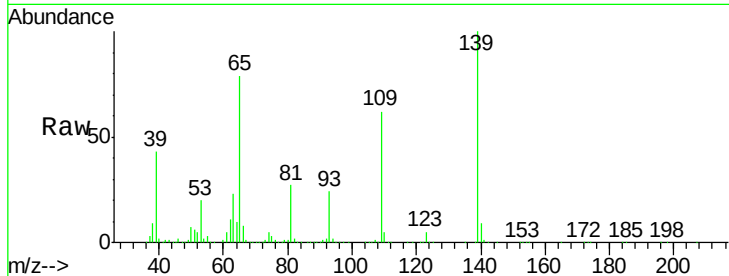




#55
4-Nitrophenol
Concen: 84.81 ng
RT: 9.85 min Scan# 723
Delta R.T. 0.02 min
Lab File: BF089791.D
Acq: 19 Aug 2016 12:34

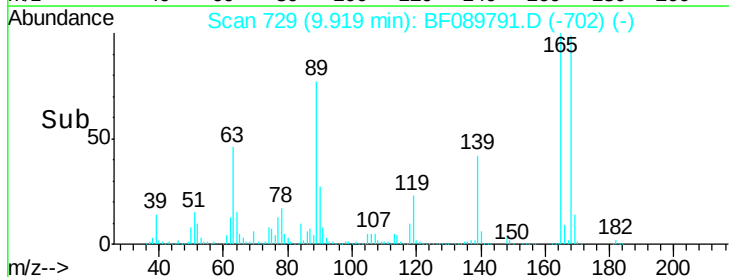
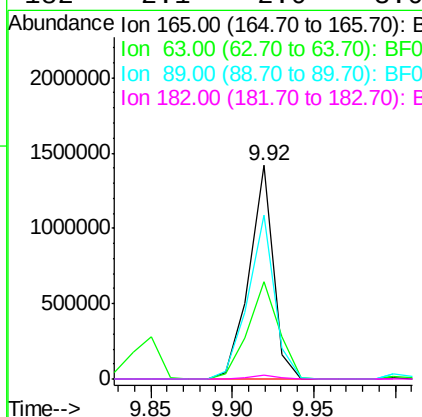
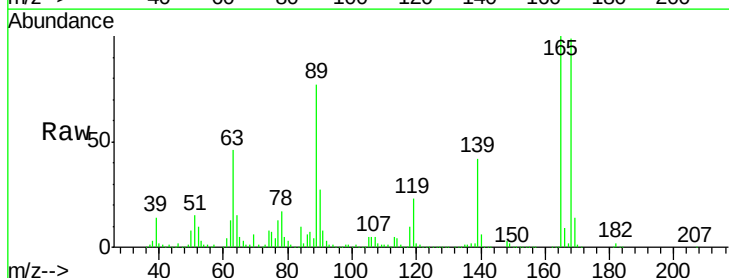
Instrument :
BNA_F
ClientSampled :

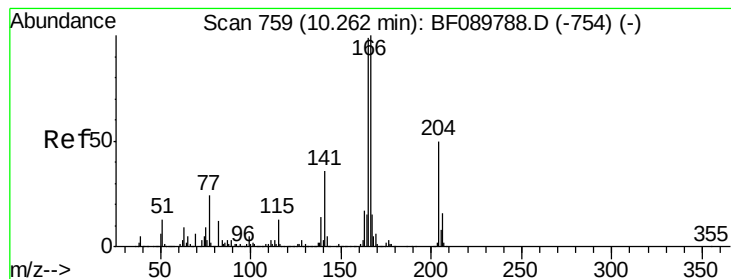
Tot Ion:139 Resp: 1365618
Ion Ratio Lower Upper
139 100
109 62.2 43.0 83.0
65 79.2 55.7 95.7



#56
2,4-Dinitrotoluene
Concen: 63.07 ng
RT: 9.92 min Scan# 729
Delta R.T. 0.01 min
Lab File: BF089791.D
Acq: 19 Aug 2016 12:34

Tgt Ion:165 Resp: 1459410
Ion Ratio Lower Upper
165 100
63 45.8 23.7 35.5#
89 76.9 44.0 66.0#
182 2.1 2.0 3.0





#57

Fluorene

Concen: 53.90 ng

RT: 10.27 min Scan# 760

Delta R.T. 0.01 min

Lab File: BF089791.D

Acq: 19 Aug 2016 12:34

Instrument :

BNA_F

ClientSampleId :

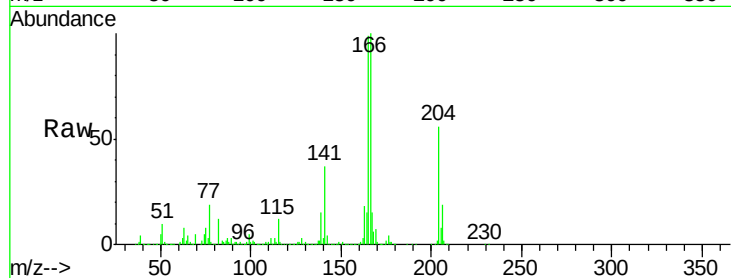
Tot Ion:166 Resp: 3797290

Ion Ratio Lower Upper

166 100

165 98.6 80.2 120.4

167 14.6 11.3 16.9

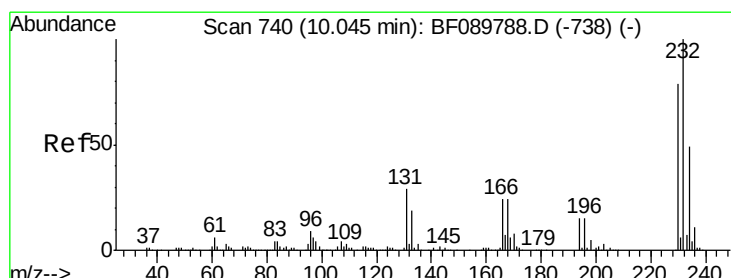
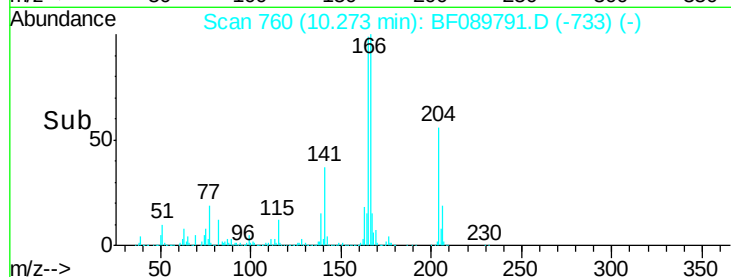
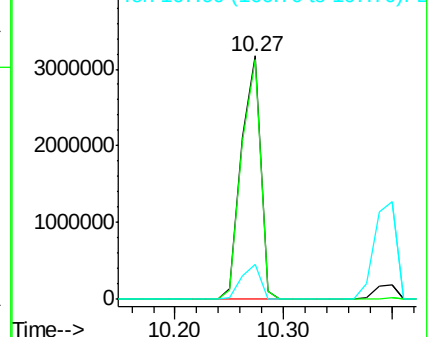


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 66.71 ng

RT: 10.04 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF089791.D

Acq: 19 Aug 2016 12:34

Tgt Ion:232 Resp: 1133941

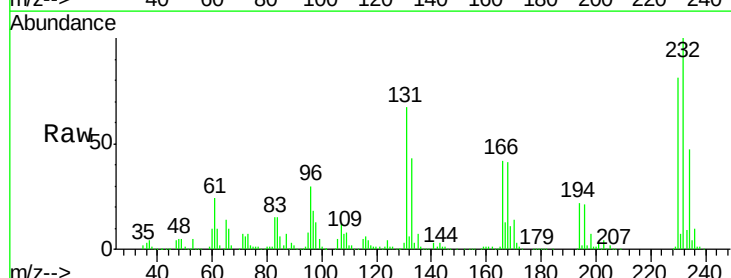
Ion Ratio Lower Upper

232 100

131 49.9 42.5 63.7

130 2.3 2.2 3.4

166 33.1 27.3 40.9



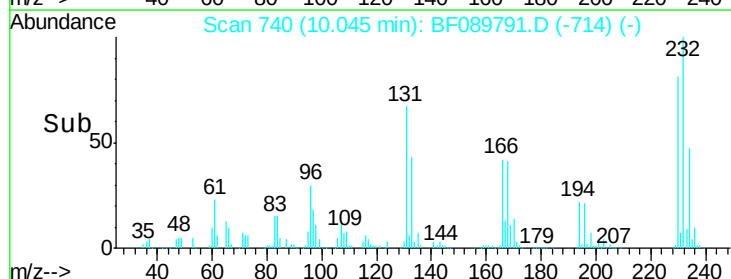
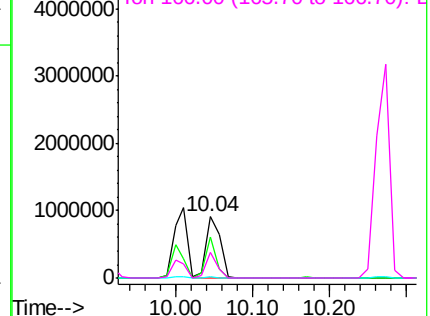
Abundance

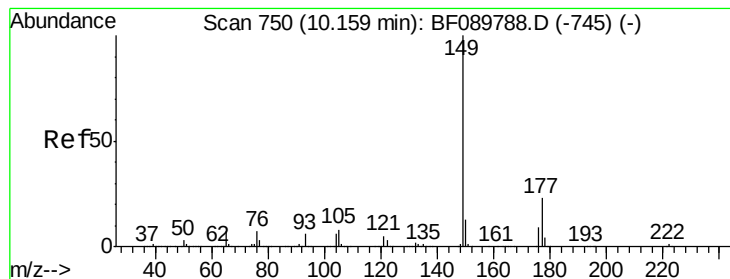
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 68.35 ng

RT: 10.17 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF089791.D

Acq: 19 Aug 2016 12:34

Instrument :

BNA_F

ClientSampled :

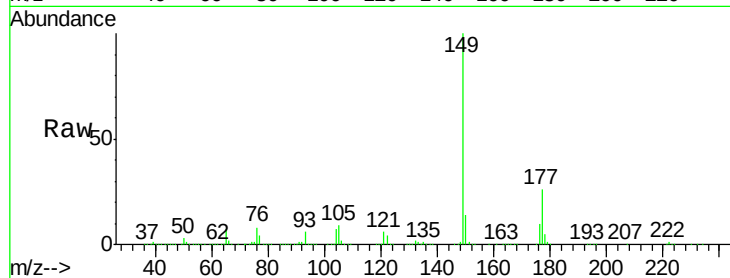
Tot Ion:149 Resp: 5512078

Ion Ratio Lower Upper

149 100

177 25.5 16.6 25.0#

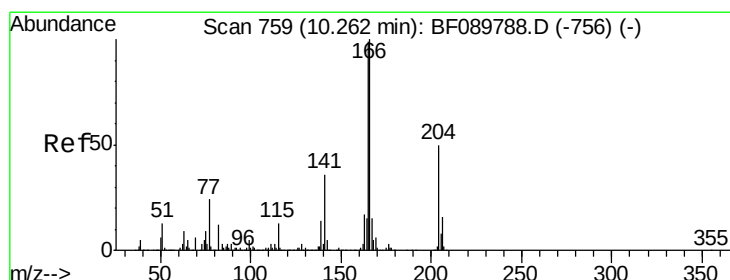
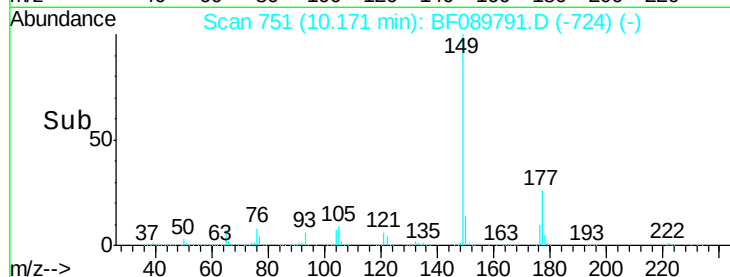
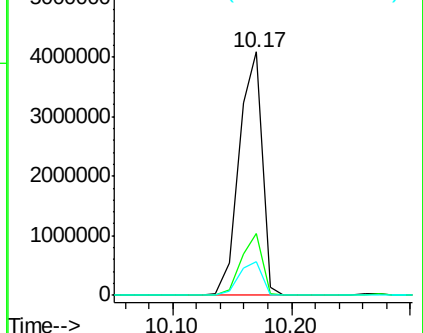
150 14.1 10.5 15.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 53.91 ng

RT: 10.27 min Scan# 760

Delta R.T. 0.01 min

Lab File: BF089791.D

Acq: 19 Aug 2016 12:34

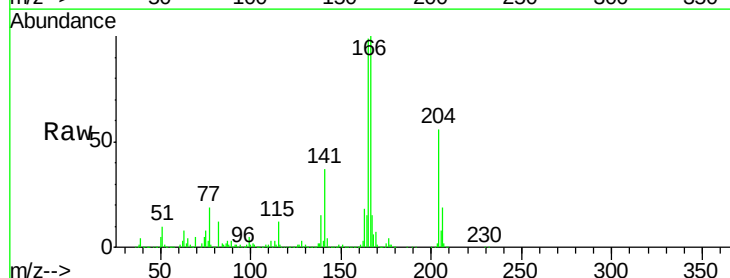
Tgt Ion:204 Resp: 1864781

Ion Ratio Lower Upper

204 100

206 33.6 26.5 39.7

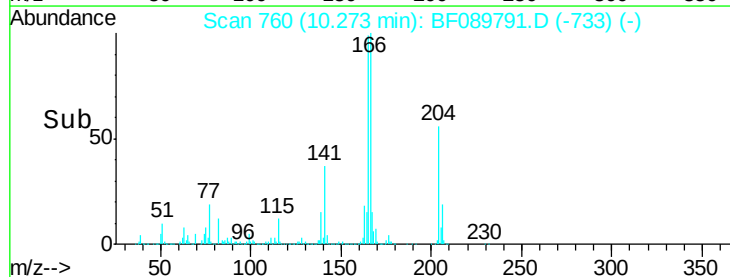
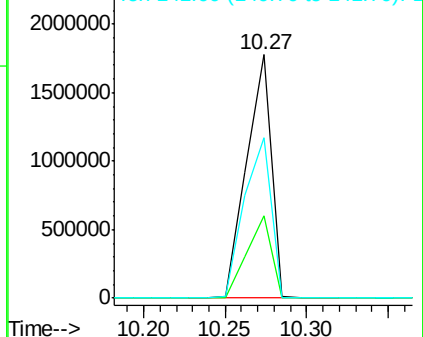
141 65.8 54.1 81.1

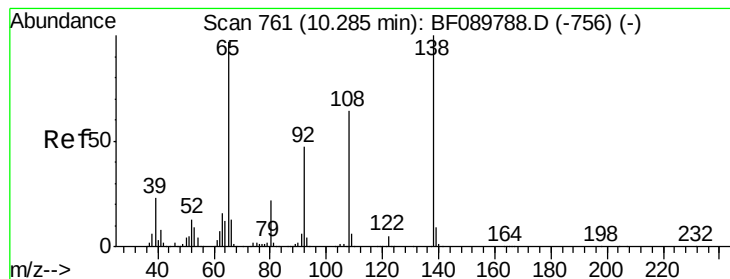


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

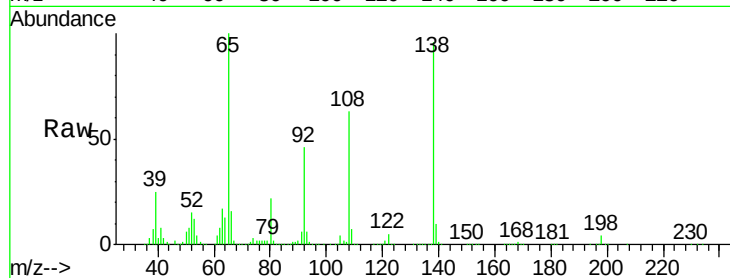




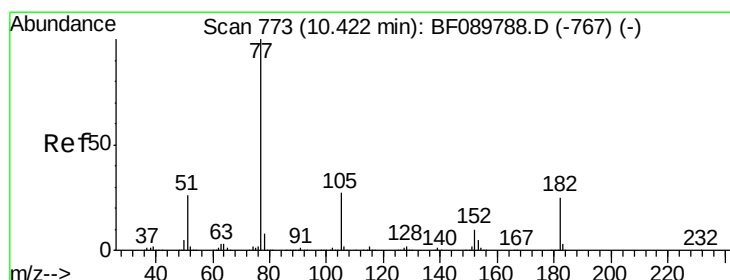
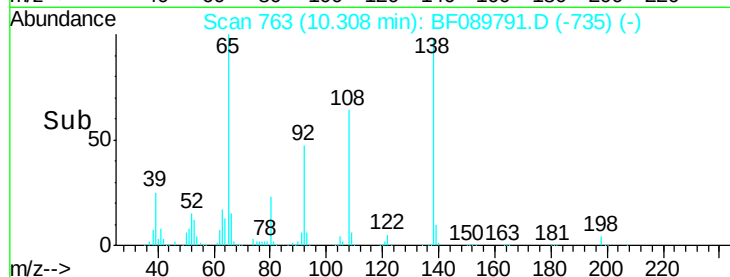
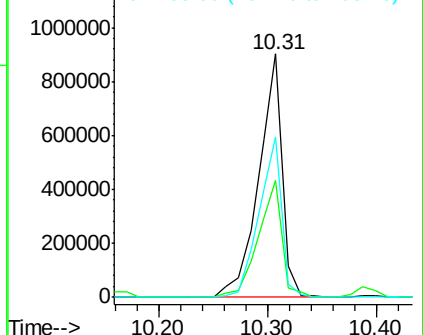
#61
4-Nitroaniline
Concen: 66.68 ng
RT: 10.31 min Scan# 763
Delta R.T. 0.02 min
Lab File: BF089791.D
Acq: 19 Aug 2016 12:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 1354995
Ion Ratio Lower Upper
138 100
92 48.0 26.4 66.4
108 65.8 47.0 87.0

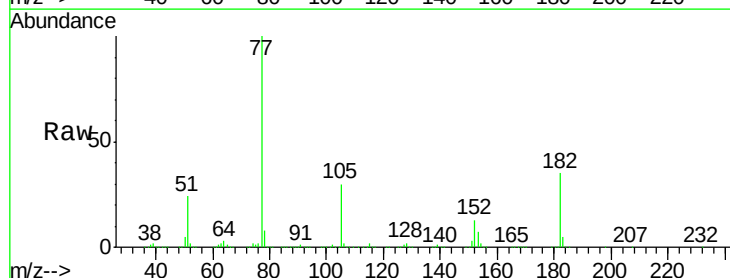


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

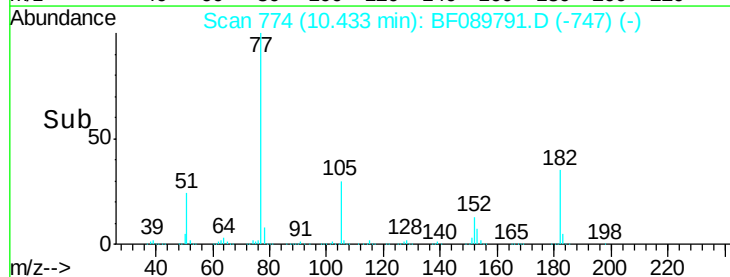
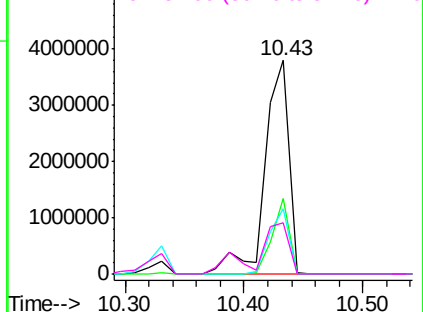


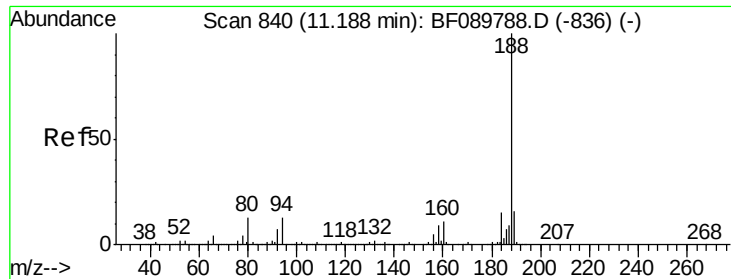
#62
Azobenzene
Concen: 69.85 ng
RT: 10.43 min Scan# 774
Delta R.T. 0.01 min
Lab File: BF089791.D
Acq: 19 Aug 2016 12:34

Tgt Ion: 77 Resp: 5322815
Ion Ratio Lower Upper
77 100
182 35.4 5.6 45.6
105 30.4 4.0 44.0
51 23.8 7.8 47.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

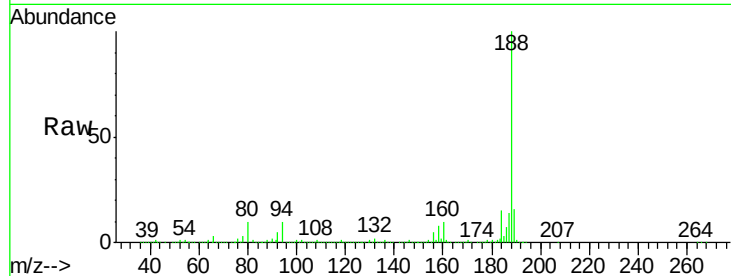




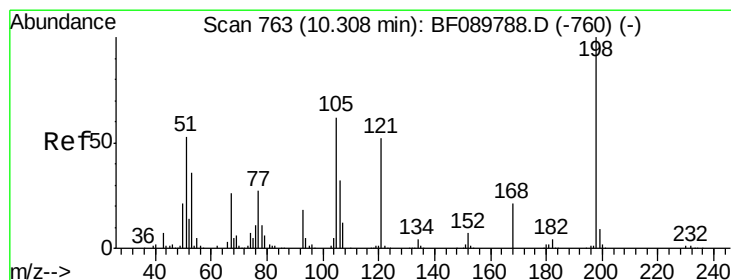
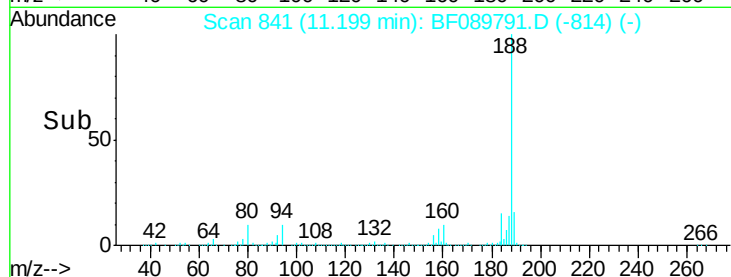
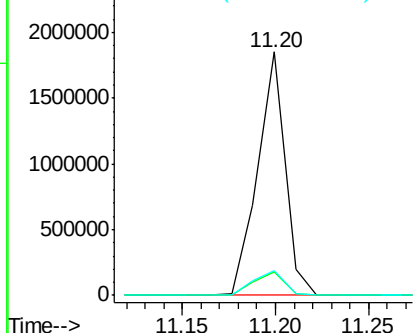
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 841
Delta R.T. 0.01 min
Lab File: BF089791.D
Acq: 19 Aug 2016 12:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 1890209
Ion Ratio Lower Upper
188 100
94 9.6 10.2 15.2#
80 9.9 10.9 16.3#

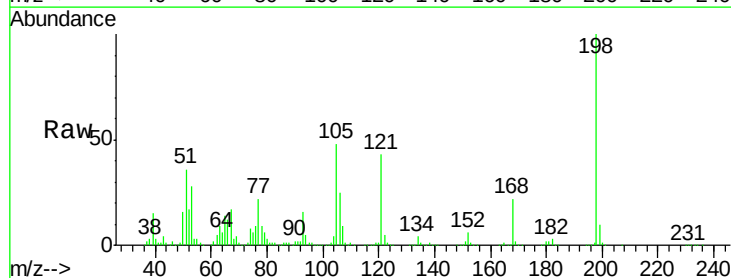


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

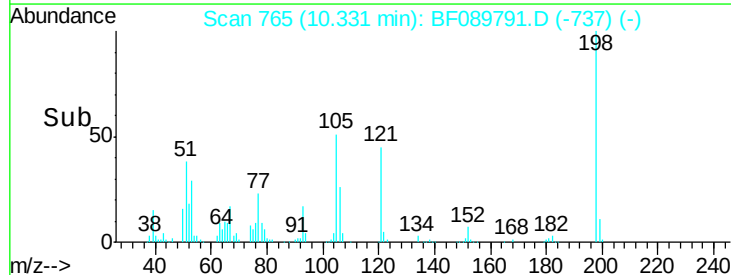
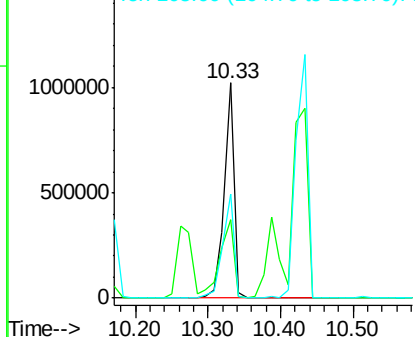


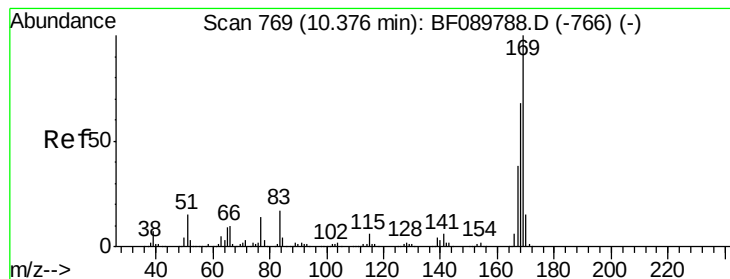
#64
4,6-Dinitro-2-methylphenol
Concen: 88.56 ng
RT: 10.33 min Scan# 765
Delta R.T. 0.02 min
Lab File: BF089791.D
Acq: 19 Aug 2016 12:34

Tgt Ion:198 Resp: 972013
Ion Ratio Lower Upper
198 100
51 36.4 32.3 72.3
105 48.5 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: 75.95 ng

RT: 10.40 min Scan# 771

Delta R.T. 0.02 min

Lab File: BF089791.D

Acq: 19 Aug 2016 12:34

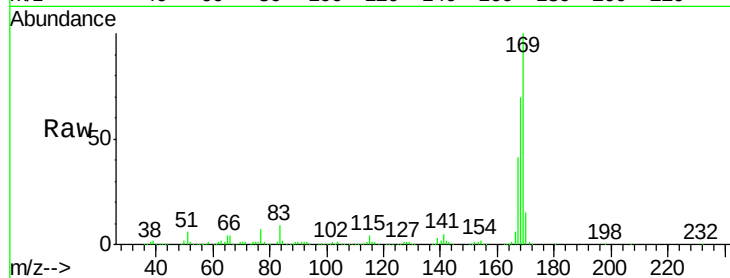
Instrument :

BNA_F

ClientSampleId :

Tot Ion:169 Resp: 4505419

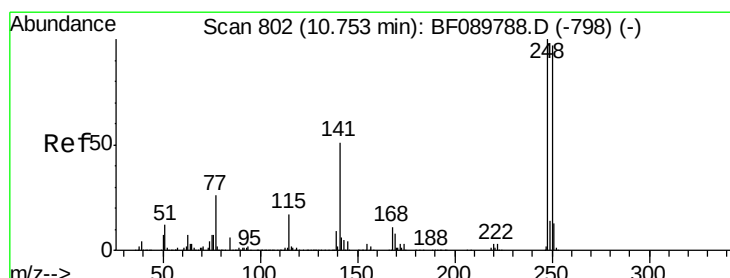
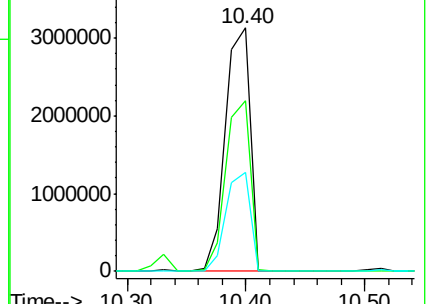
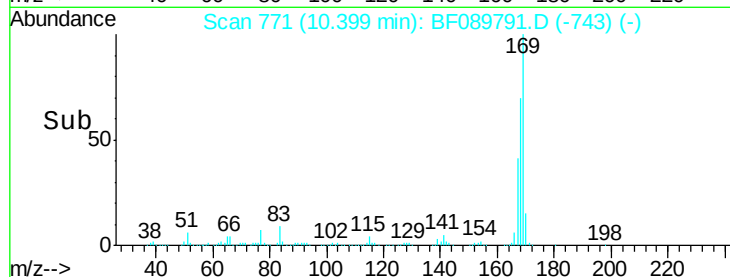
Ion	Ratio	Lower	Upper
169	100		
168	70.1	54.6	82.0
167	40.7	30.6	45.8



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: 66.85 ng

RT: 10.75 min Scan# 802

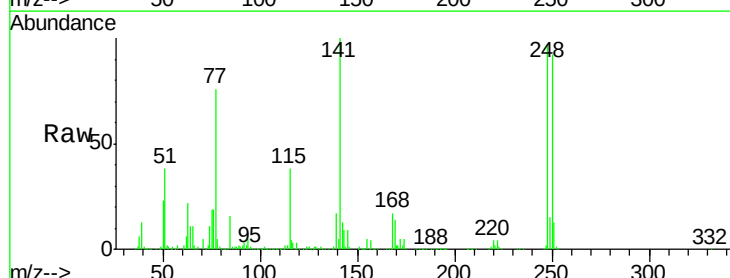
Delta R.T. -0.00 min

Lab File: BF089791.D

Acq: 19 Aug 2016 12:34

Tgt Ion:248 Resp: 1308621

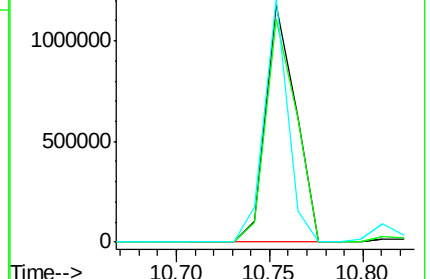
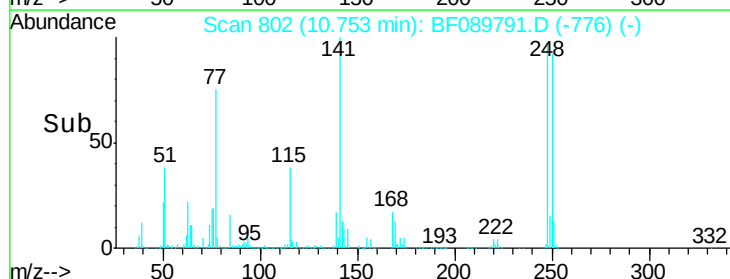
Ion	Ratio	Lower	Upper
248	100		
250	94.1	78.6	117.8
141	102.6	31.4	47.2

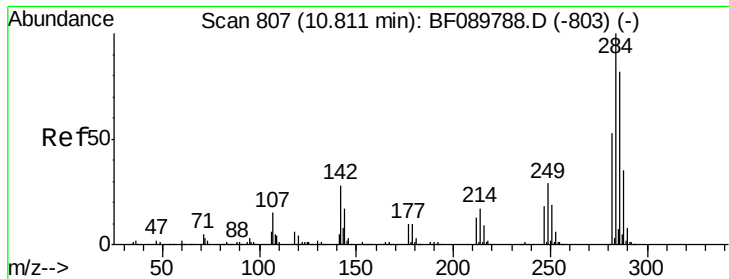


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 75.99 ng

RT: 10.82 min Scan# 808

Delta R.T. 0.01 min

Lab File: BF089791.D

Acq: 19 Aug 2016 12:34

Instrument :

BNA_F

ClientSampleId :

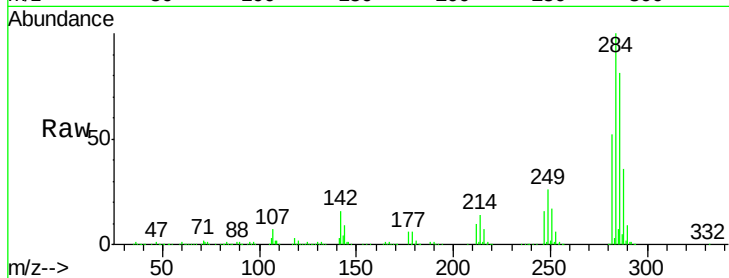
Tot Ion:284 Resp: 1653555

Ion Ratio Lower Upper

284 100

142 15.6 17.4 26.2#

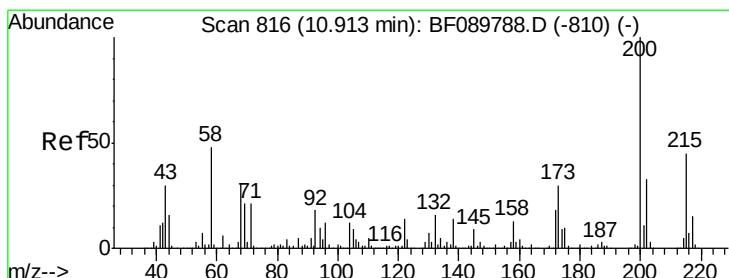
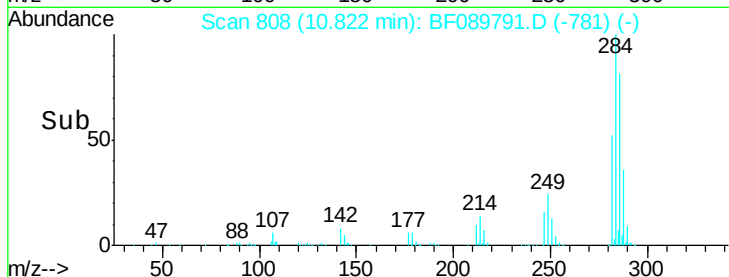
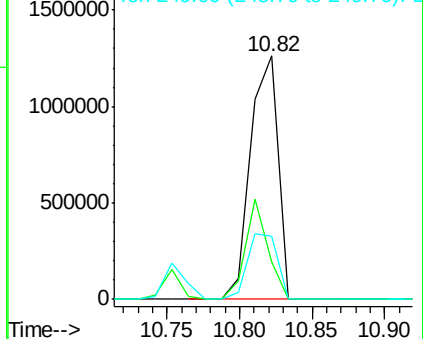
249 26.2 22.8 34.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 66.87 ng

RT: 10.92 min Scan# 817

Delta R.T. 0.01 min

Lab File: BF089791.D

Acq: 19 Aug 2016 12:34

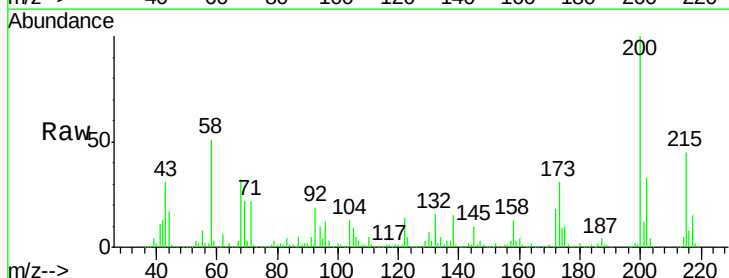
Tgt Ion:200 Resp: 1201493

Ion Ratio Lower Upper

200 100

173 30.6 6.6 46.6

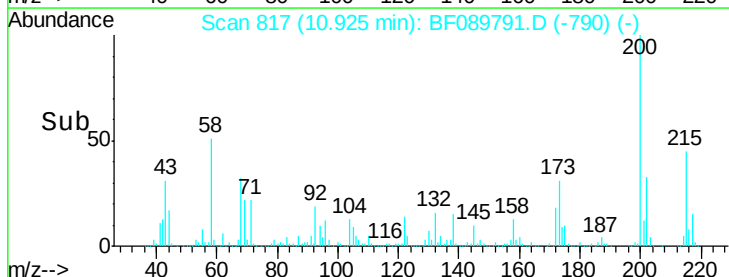
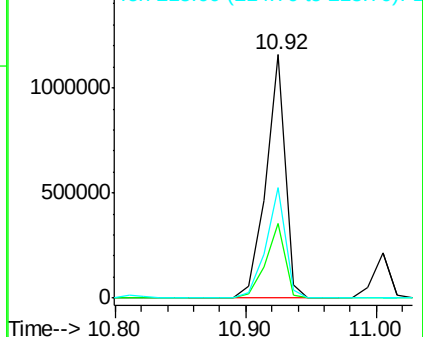
215 45.4 24.7 64.7

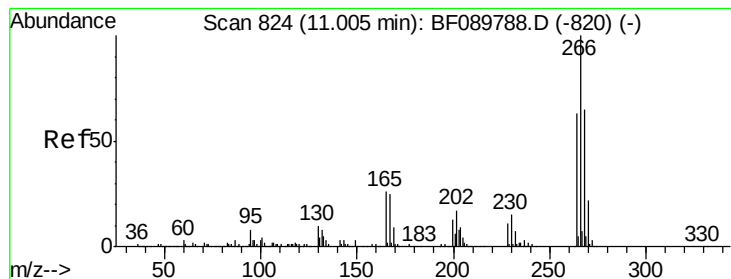


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 71.50 ng

RT: 11.00 min Scan# 824

Delta R.T. -0.00 min

Lab File: BF089791.D

Acq: 19 Aug 2016 12:34

Instrument :

BNA_F

ClientSampleId :

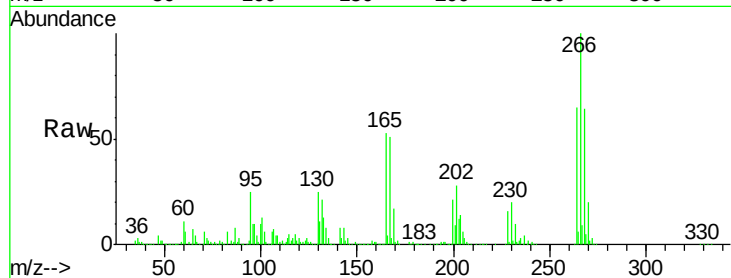
Tot Ion:266 Resp: 969352

Ion Ratio Lower Upper

266 100

268 63.6 53.2 79.8

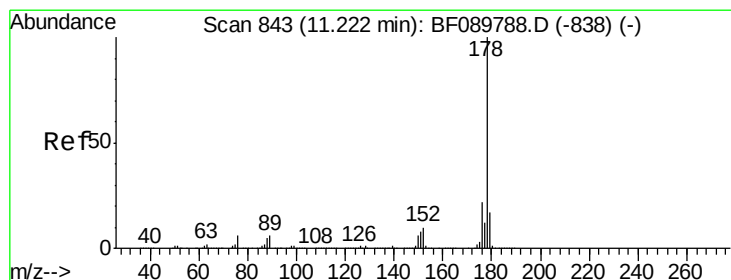
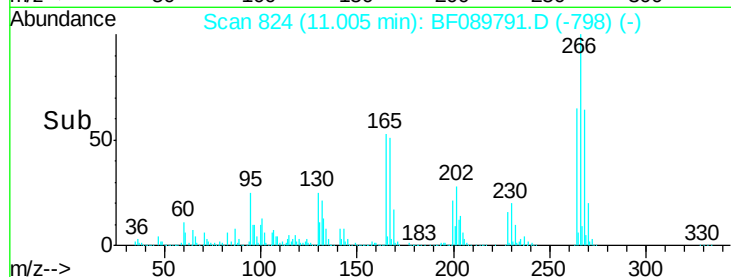
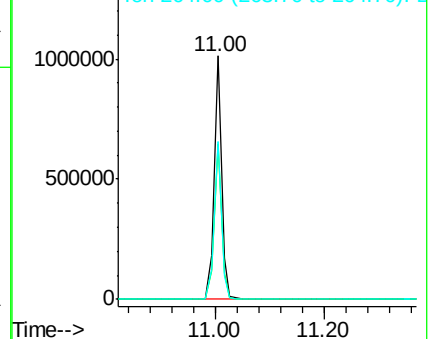
264 65.1 51.1 76.7



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 63.63 ng

RT: 11.22 min Scan# 843

Delta R.T. -0.00 min

Lab File: BF089791.D

Acq: 19 Aug 2016 12:34

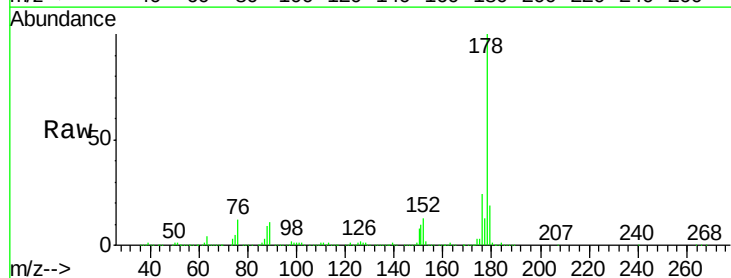
Tgt Ion:178 Resp: 5911851

Ion Ratio Lower Upper

178 100

176 23.8 16.4 24.6

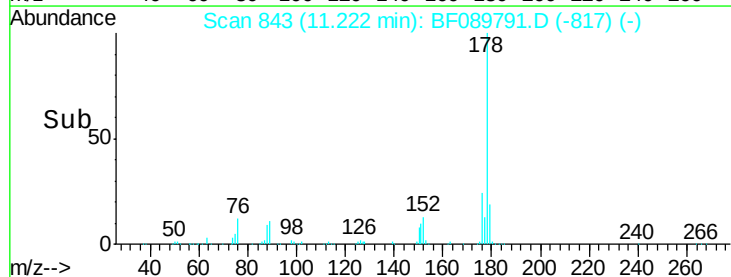
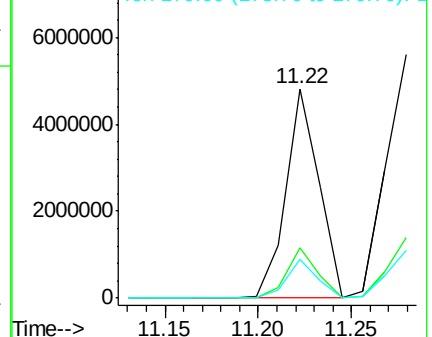
179 18.8 12.5 18.7#

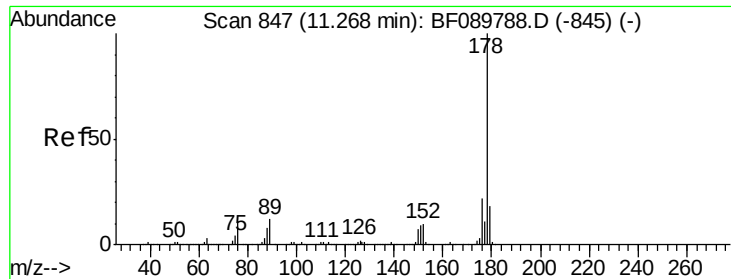


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 60.90 ng

RT: 11.22 min Scan# 843

Delta R.T. -0.05 min

Lab File: BF089791.D

Acq: 19 Aug 2016 12:34

Instrument :

BNA_F

ClientSampleId :

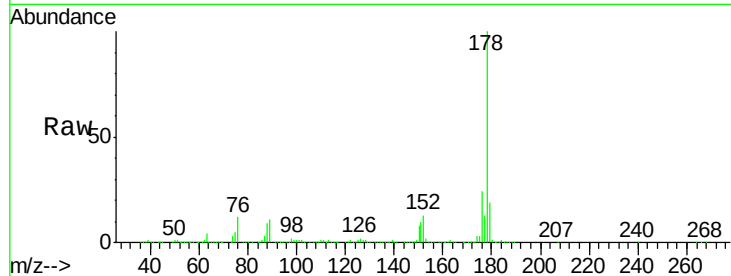
Tot Ion:178 Resp: 5911851

Ion Ratio Lower Upper

178 100

176 23.8 16.4 24.6

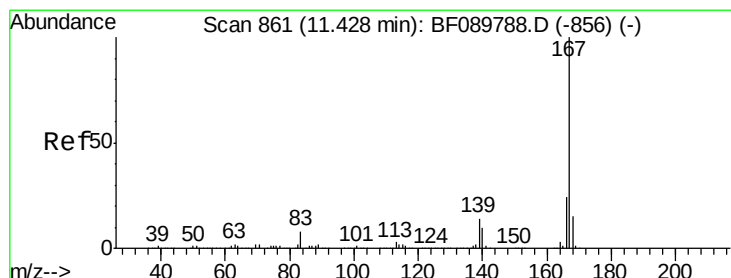
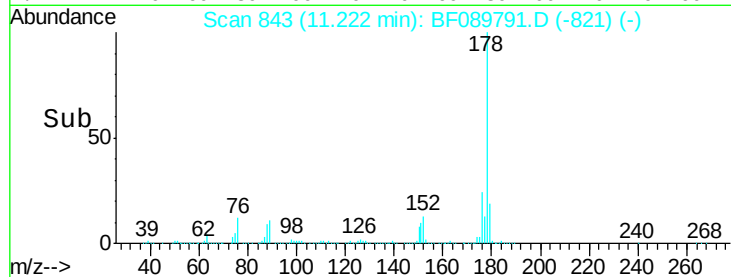
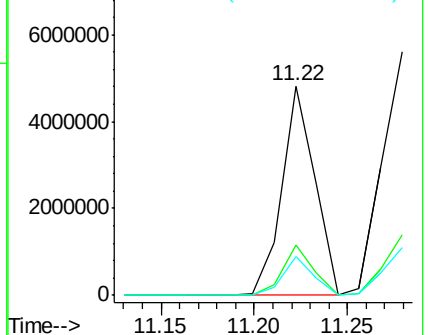
179 18.8 13.1 19.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 64.60 ng

RT: 11.43 min Scan# 861

Delta R.T. -0.00 min

Lab File: BF089791.D

Acq: 19 Aug 2016 12:34

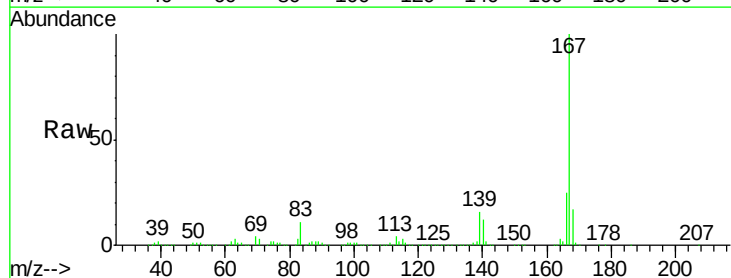
Tgt Ion:167 Resp: 5942134

Ion Ratio Lower Upper

167 100

166 25.0 17.9 26.9

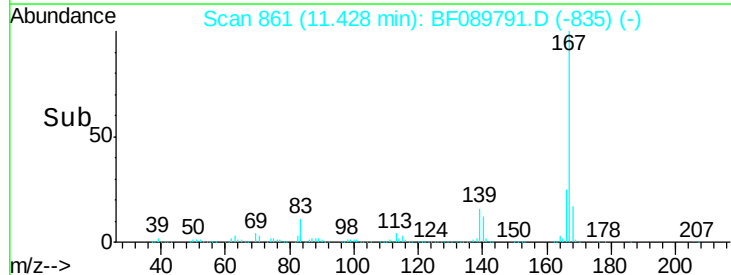
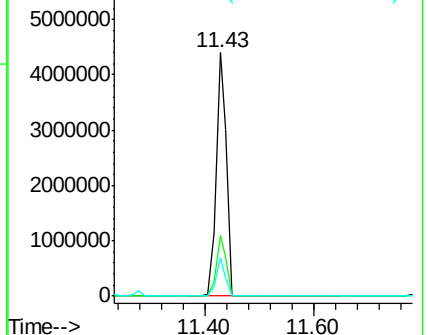
139 16.1 12.4 18.6

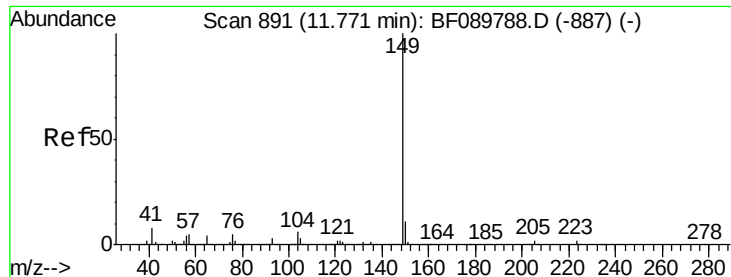


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 61.15 ng

RT: 11.78 min Scan# 892

Delta R.T. 0.01 min

Lab File: BF089791.D

Acq: 19 Aug 2016 12:34

Instrument :

BNA_F

ClientSampleId :

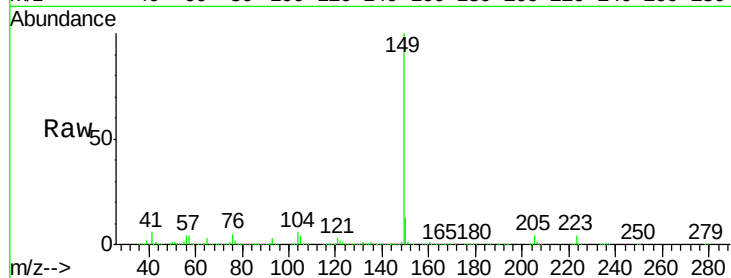
Tot Ion:149 Resp: 6841071

Ion Ratio Lower Upper

149 100

150 13.0 7.9 11.9#

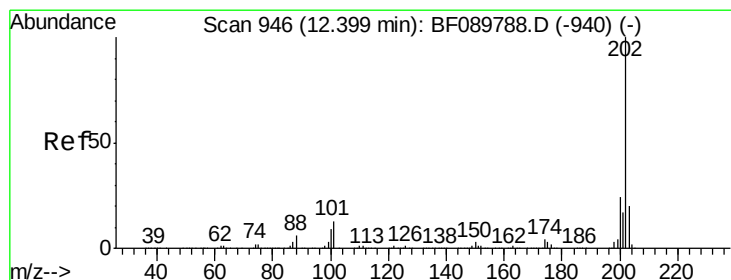
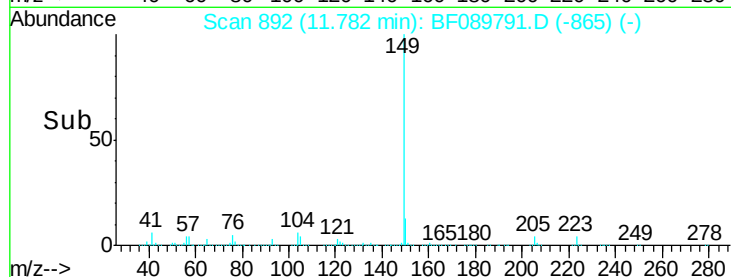
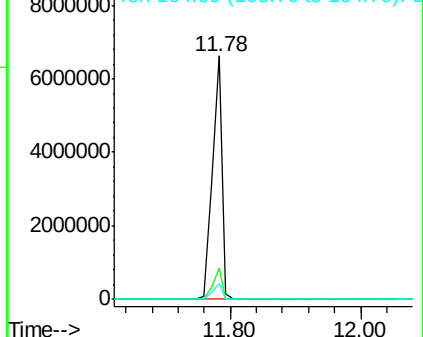
104 6.4 4.3 6.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 64.47 ng

RT: 12.41 min Scan# 947

Delta R.T. 0.01 min

Lab File: BF089791.D

Acq: 19 Aug 2016 12:34

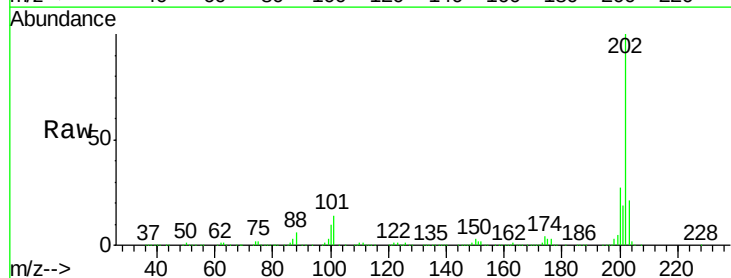
Tgt Ion:202 Resp: 6018301

Ion Ratio Lower Upper

202 100

101 14.1 0.0 31.2

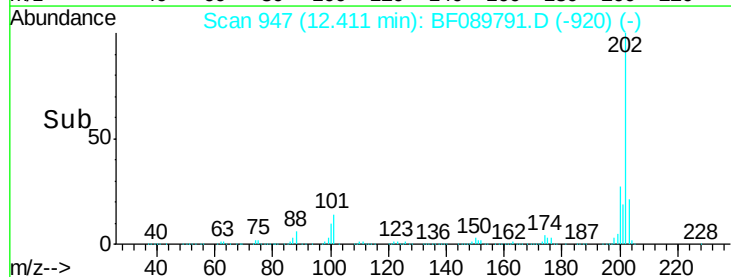
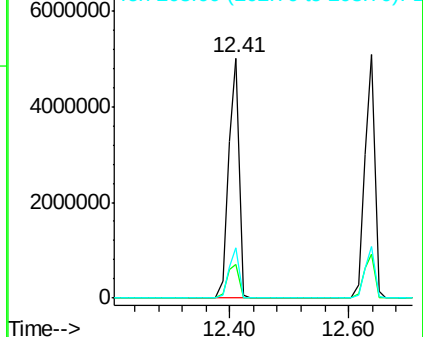
203 21.2 0.0 38.1

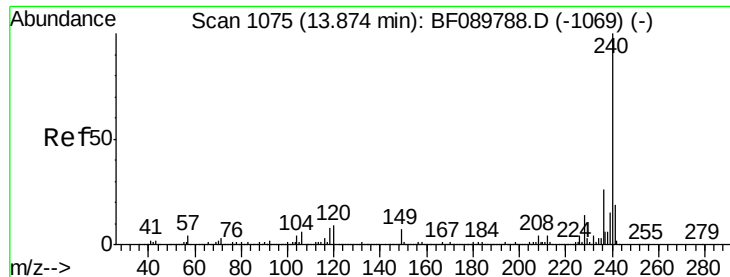


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.91 min Scan# 1078

Delta R.T. 0.03 min

Lab File: BF089791.D

Acq: 19 Aug 2016 12:34

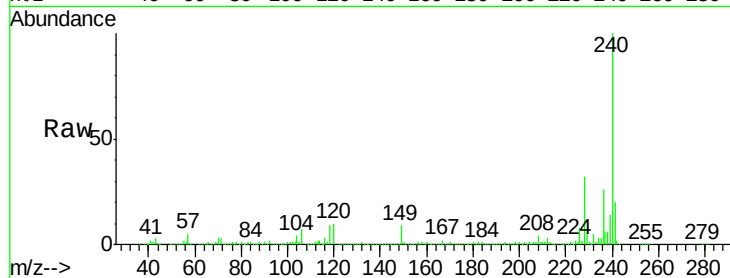
Instrument :

BNA_F

ClientSampleId :

Tot Ion:240 Resp: 1094923

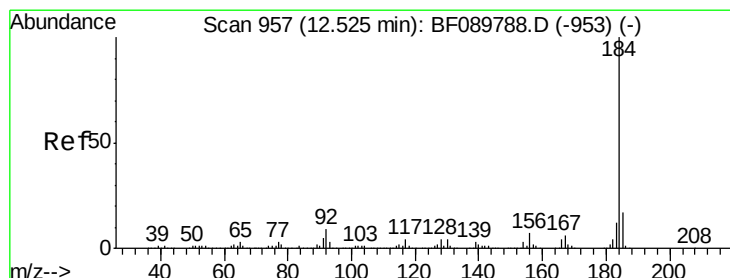
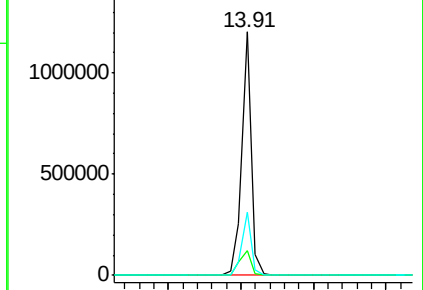
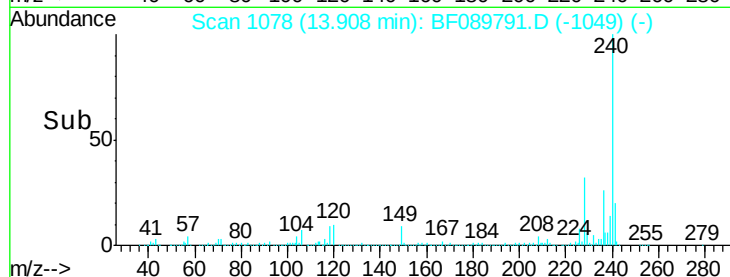
Ion	Ratio	Lower	Upper
240	100		
120	10.2	8.3	12.5
236	26.0	21.3	31.9



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: 64.59 ng

RT: 12.54 min Scan# 958

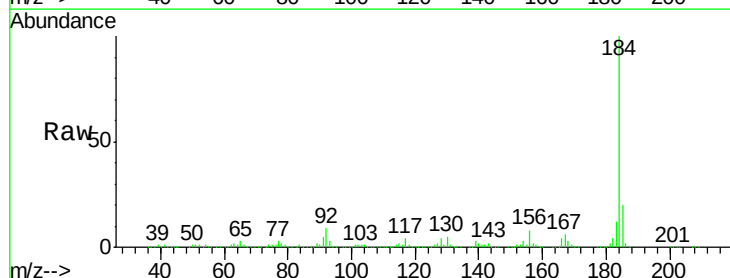
Delta R.T. 0.01 min

Lab File: BF089791.D

Acq: 19 Aug 2016 12:34

Tgt Ion:184 Resp: 2538276

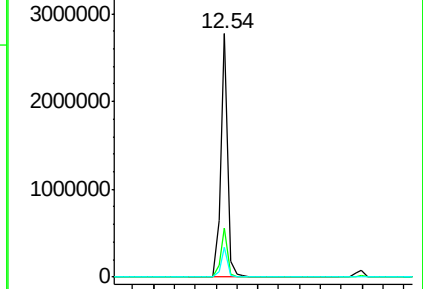
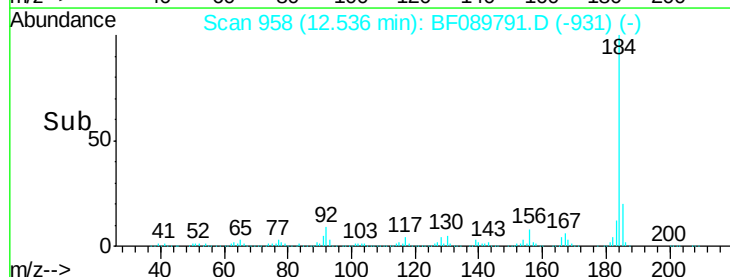
Ion	Ratio	Lower	Upper
184	100		
185	20.2	13.8	20.8
183	12.3	9.7	14.5

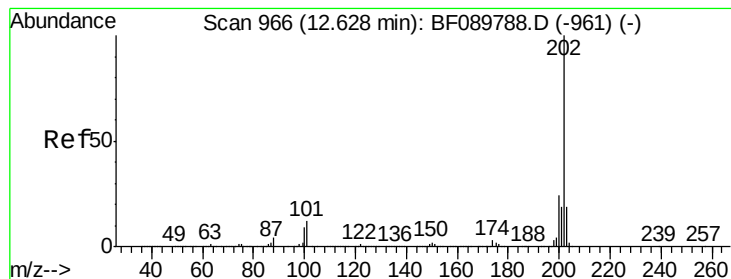


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 81.69 ng

RT: 12.64 min Scan# 967

Delta R.T. 0.01 min

Lab File: BF089791.D

Acq: 19 Aug 2016 12:34

Instrument :

BNA_F

ClientSampleId :

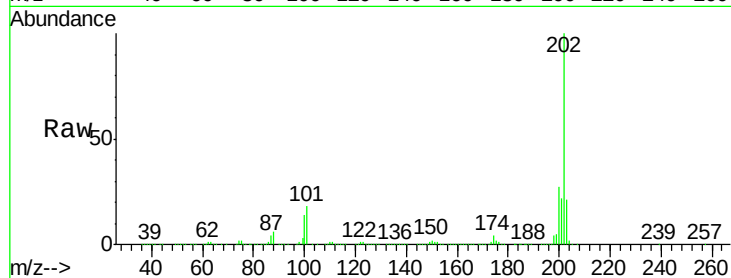
Tot Ion:202 Resp: 5853023

Ion Ratio Lower Upper

202 100

200 27.0 17.8 26.6#

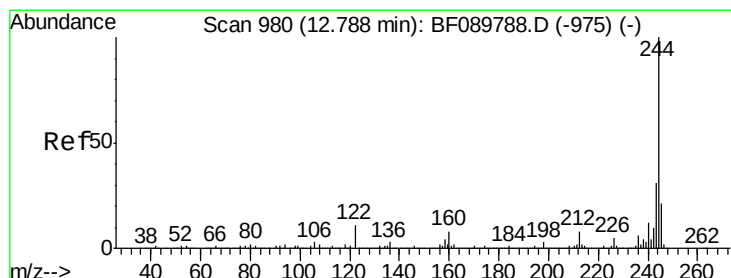
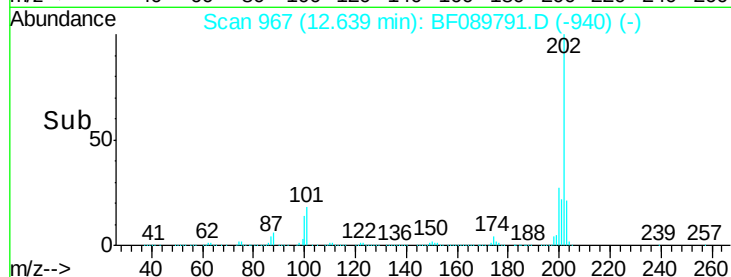
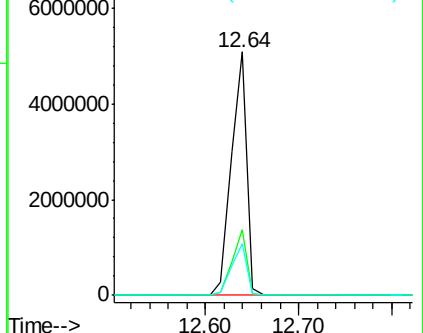
203 21.0 14.2 21.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 148.66 ng

RT: 12.80 min Scan# 981

Delta R.T. 0.01 min

Lab File: BF089791.D

Acq: 19 Aug 2016 12:34

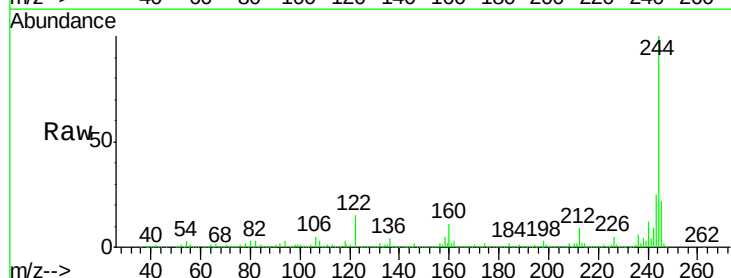
Tgt Ion:244 Resp: 5448461

Ion Ratio Lower Upper

244 100

212 9.2 6.3 9.5

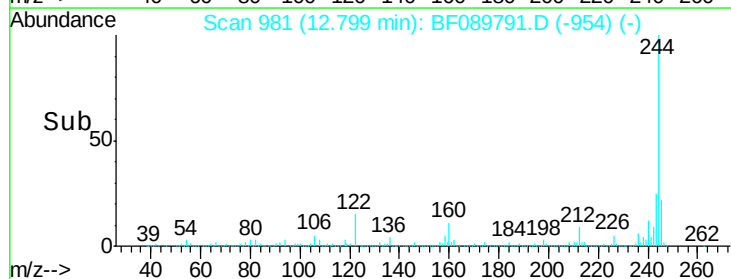
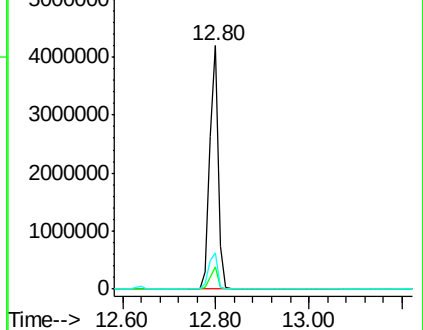
122 15.1 12.0 18.0

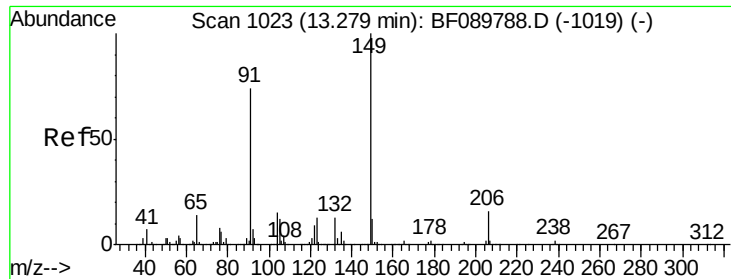


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

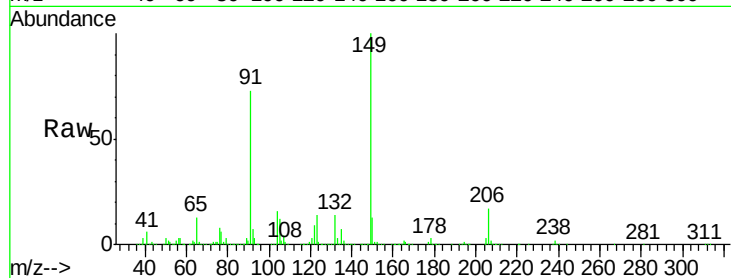




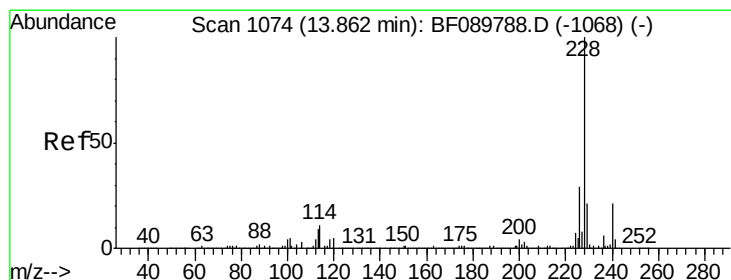
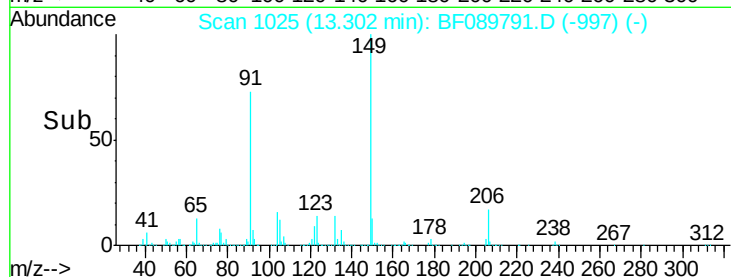
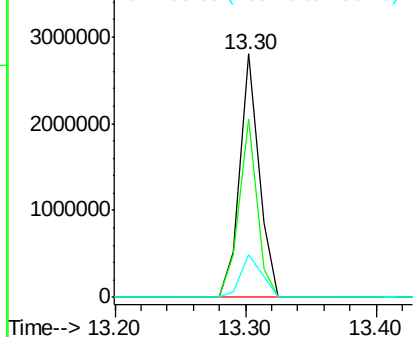
#79
Butylbenzylphthalate
Concen: 80.20 ng
RT: 13.30 min Scan# 1025
Delta R.T. 0.02 min
Lab File: BF089791.D
Acq: 19 Aug 2016 12:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 2882825
Ion Ratio Lower Upper
149 100
91 73.0 50.7 76.1
206 17.4 15.5 23.3

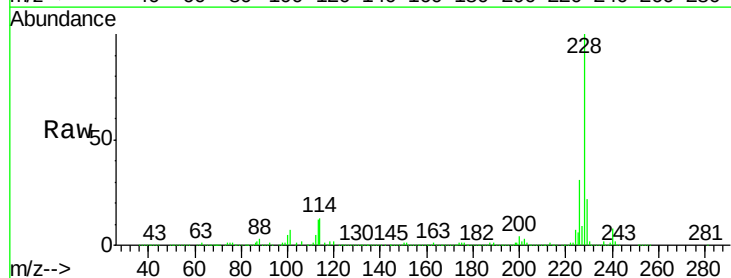


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

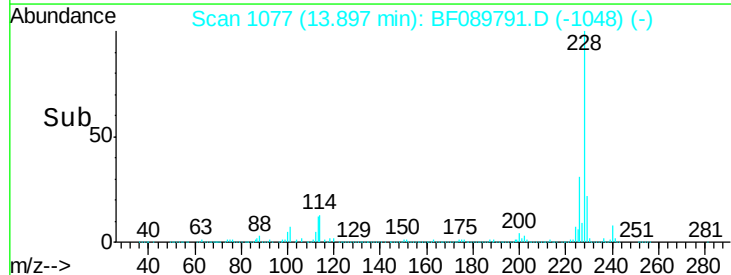
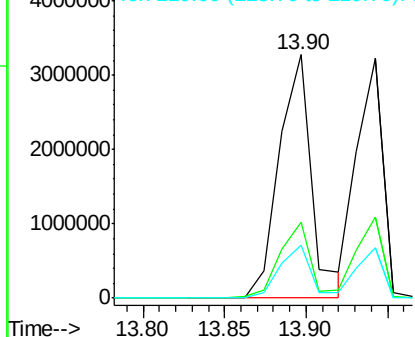


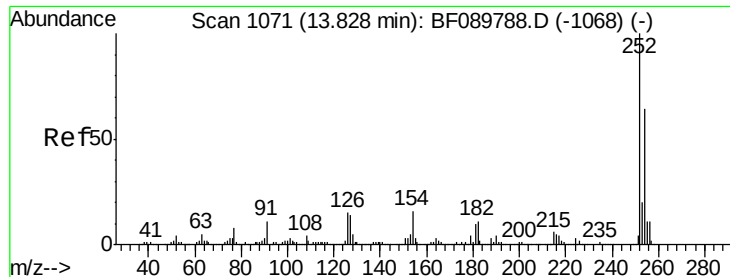
#80
Benzo(a)anthracene
Concen: 71.52 ng
RT: 13.90 min Scan# 1077
Delta R.T. 0.03 min
Lab File: BF089791.D
Acq: 19 Aug 2016 12:34

Tgt Ion:228 Resp: 4549907
Ion Ratio Lower Upper
228 100
226 31.1 23.2 34.8
229 21.6 16.2 24.4



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

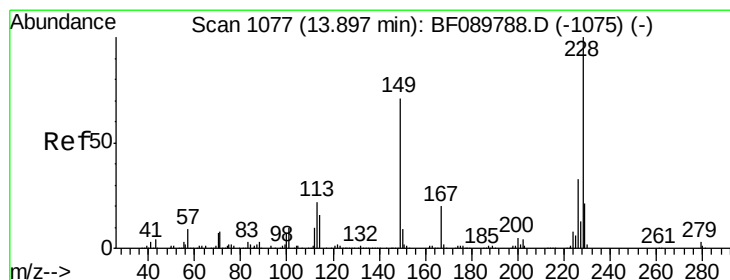
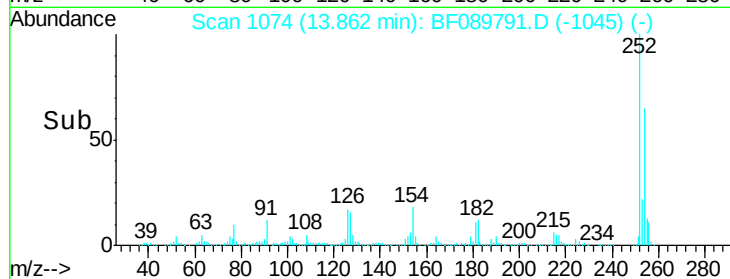
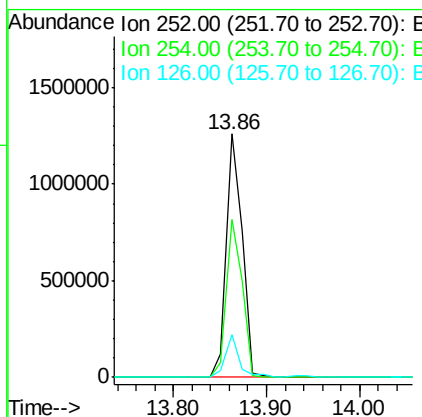
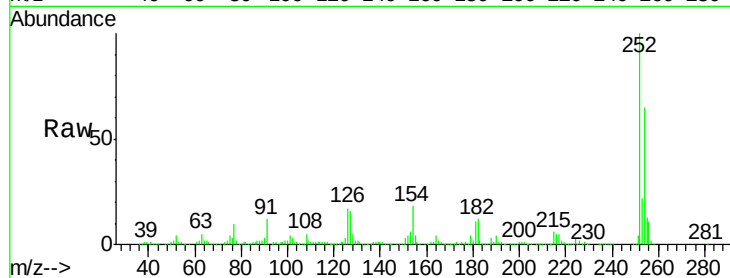




#81
 3,3'-Dichlorobenzidine
 Concen: 64.43 ng
 RT: 13.86 min Scan# 1074
 Delta R.T. 0.03 min
 Lab File: BF089791.D
 Acq: 19 Aug 2016 12:34

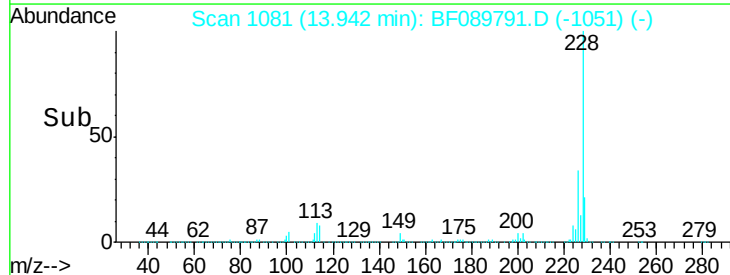
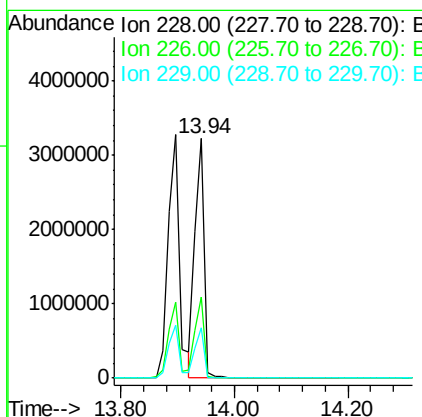
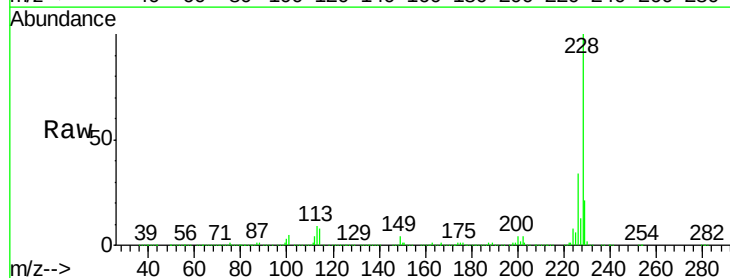
Instrument :
 BNA_F
 ClientSampleId :

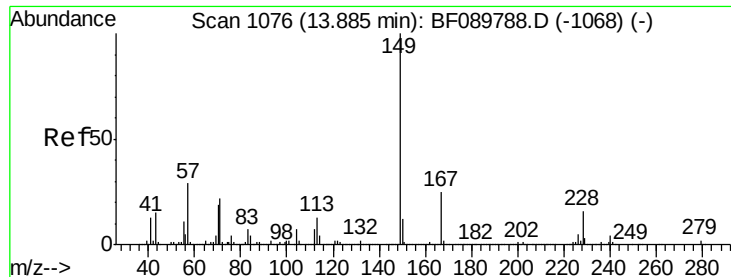
Tot Ion:252 Resp: 1493356
 Ion Ratio Lower Upper
 252 100
 254 64.9 50.6 75.8
 126 17.3 12.6 18.8



#82
 Chrysene
 Concen: 64.37 ng
 RT: 13.94 min Scan# 1081
 Delta R.T. 0.05 min
 Lab File: BF089791.D
 Acq: 19 Aug 2016 12:34

Tgt Ion:228 Resp: 3685372
 Ion Ratio Lower Upper
 228 100
 226 33.6 25.4 38.0
 229 21.0 16.5 24.7





#83

Bis(2-ethylhexyl)phthalate

Concen: 82.38 ng

RT: 13.93 min Scan# 1080

Delta R.T. 0.05 min

Lab File: BF089791.D

Acq: 19 Aug 2016 12:34

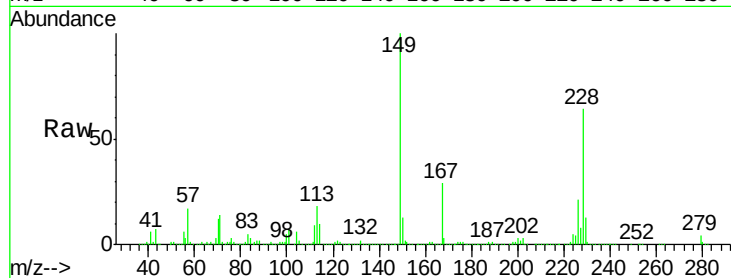
Instrument :

BNA_F

ClientSampleId :

Tot Ion:149 Resp: 3918727

Ion	Ratio	Lower	Upper
149	100		
167	28.8	21.2	31.8
279	3.8	2.9	4.3

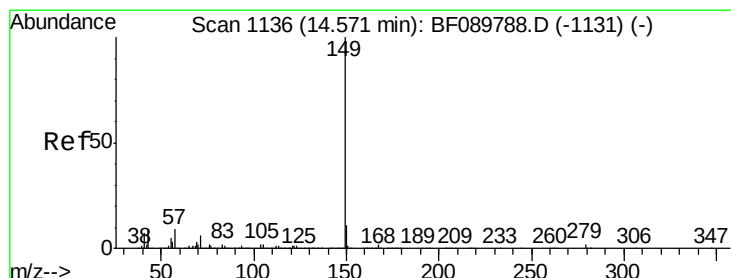
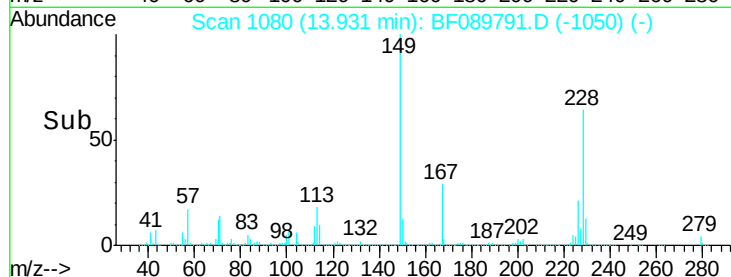
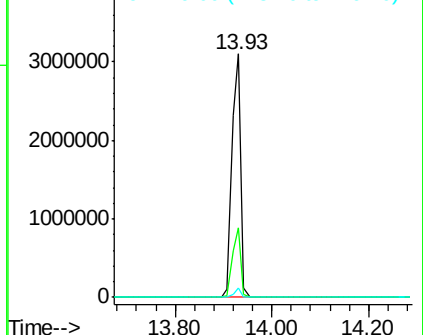


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 74.16 ng

RT: 14.63 min Scan# 1141

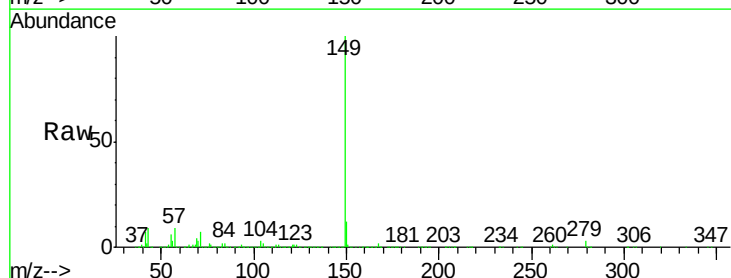
Delta R.T. 0.06 min

Lab File: BF089791.D

Acq: 19 Aug 2016 12:34

Tgt Ion:149 Resp: 5483029

Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.2	1.8
43	8.4	8.4	12.6#

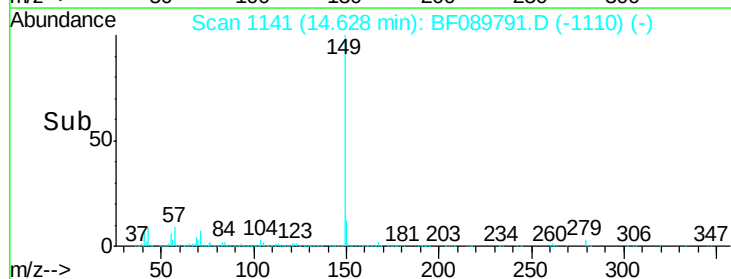
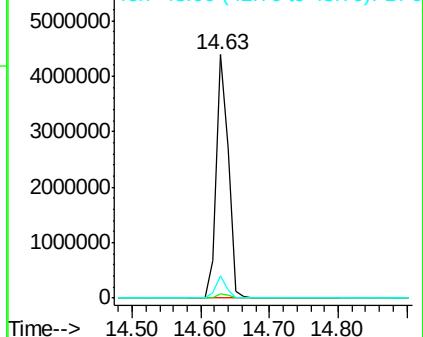


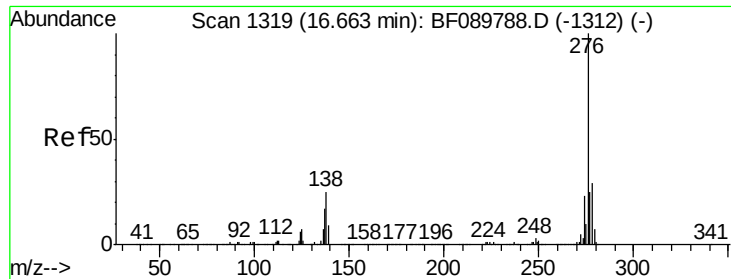
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



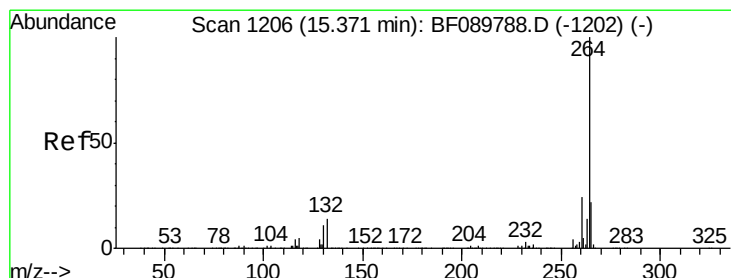
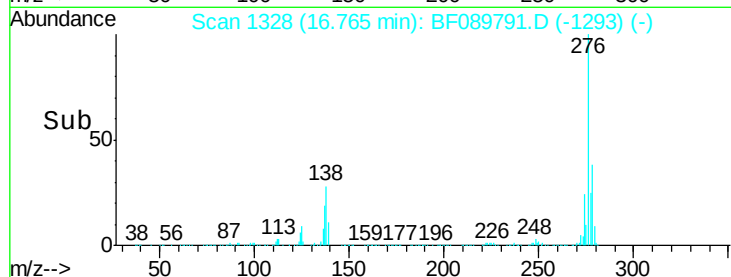
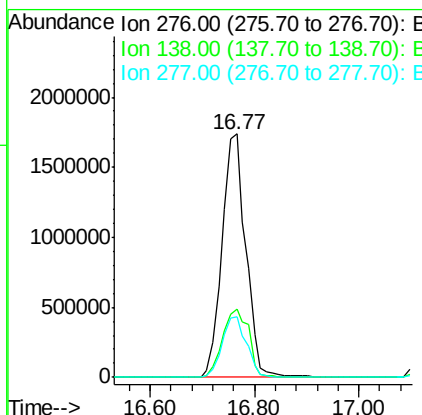
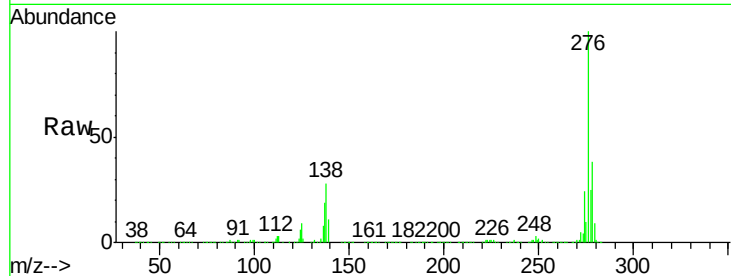


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 113.02 ng
 RT: 16.77 min Scan# 1328
 Delta R.T. 0.10 min
 Lab File: BF089791.D
 Acq: 19 Aug 2016 12:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 5512969

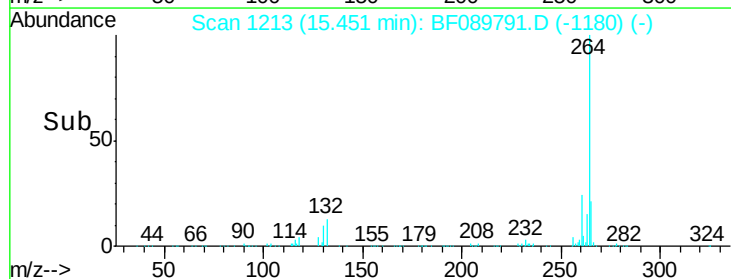
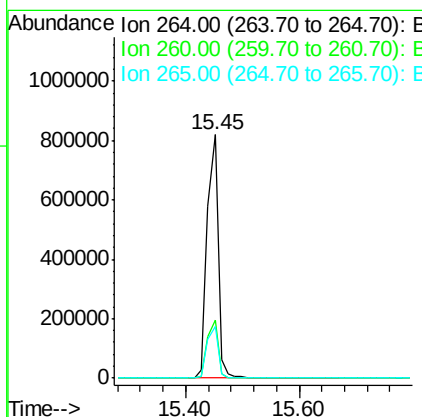
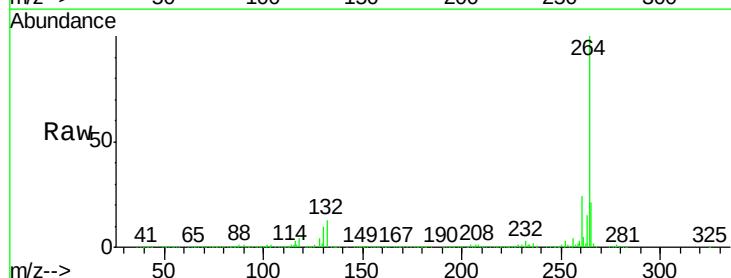
Ion	Ratio	Lower	Upper
276	100		
138	30.8	24.6	36.8
277	25.6	20.4	30.6

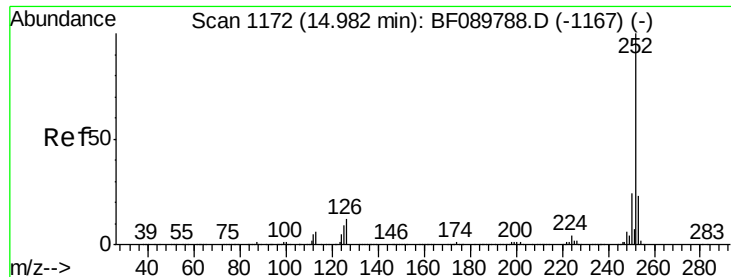


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.45 min Scan# 1213
 Delta R.T. 0.08 min
 Lab File: BF089791.D
 Acq: 19 Aug 2016 12:34

Tgt Ion:264 Resp: 1052172

Ion	Ratio	Lower	Upper
264	100		
260	23.6	20.2	30.2
265	21.4	17.4	26.2

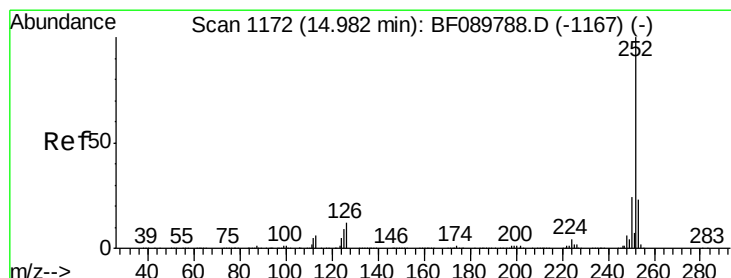
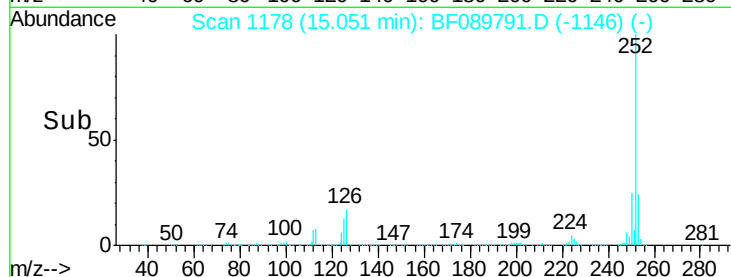
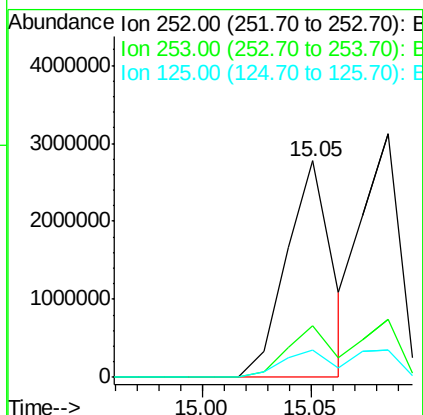
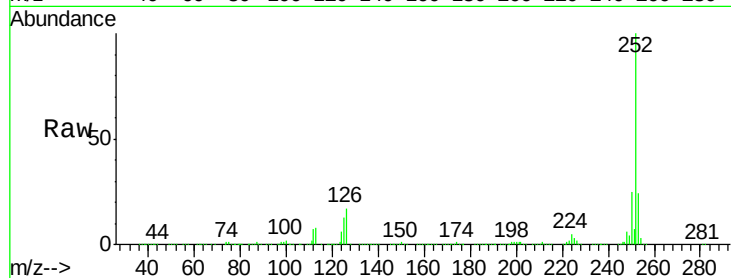




#87
Benzo(b)fluoranthene
Concen: 60.20 ng
RT: 15.05 min Scan# 1178
Delta R.T. 0.07 min
Lab File: BF089791.D
Acq: 19 Aug 2016 12:34

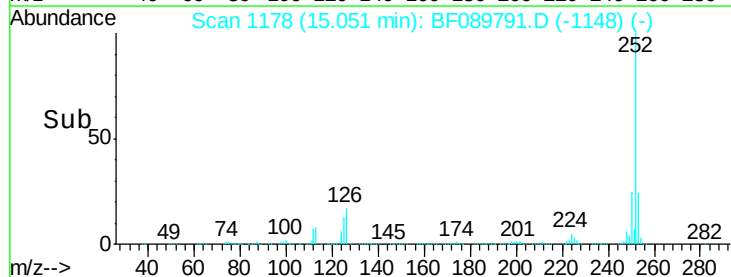
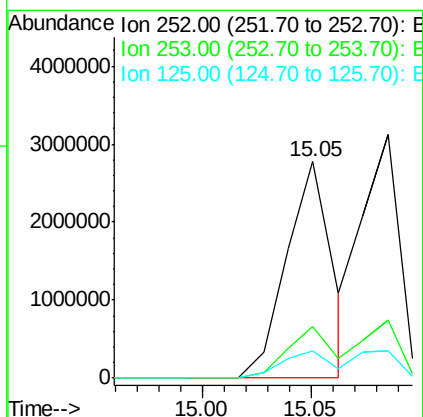
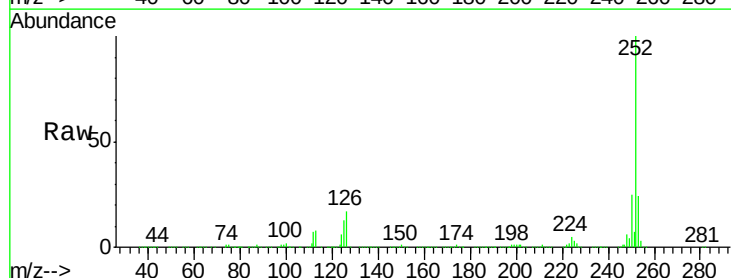
Instrument :
BNA_F
ClientSampleId :

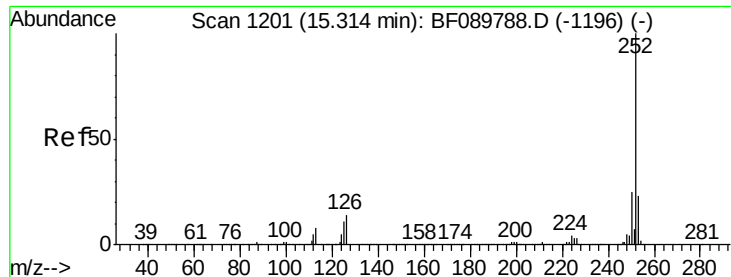
Tot Ion:252 Resp: 4013442
Ion Ratio Lower Upper
252 100
253 23.9 17.8 26.8
125 12.9 11.4 17.2



#88
Benzo(k)fluoranthene
Concen: 73.14 ng
RT: 15.05 min Scan# 1178
Delta R.T. 0.05 min
Lab File: BF089791.D
Acq: 19 Aug 2016 12:34

Tgt Ion:252 Resp: 4013442
Ion Ratio Lower Upper
252 100
253 23.9 18.4 27.6
125 12.9 9.8 14.6

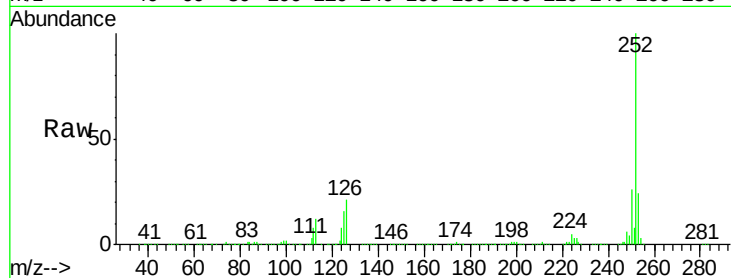




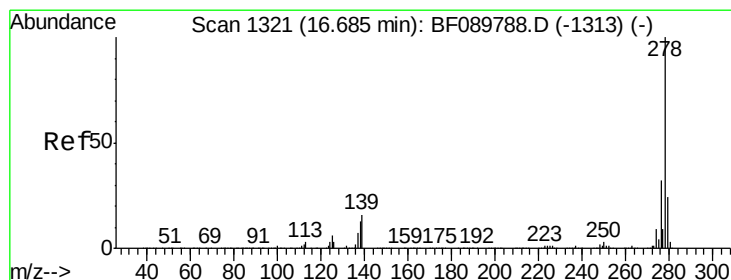
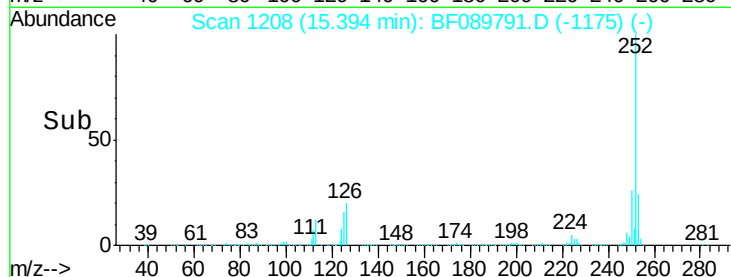
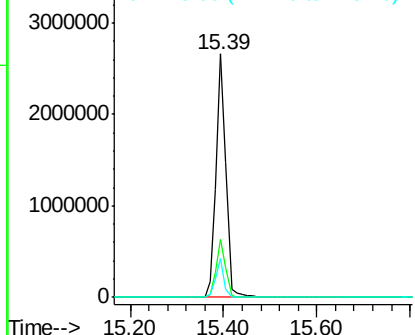
#89
Benzo(a)pyrene
Concen: 71.07 ng
RT: 15.39 min Scan# 1208
Delta R.T. 0.08 min
Lab File: BF089791.D
Acq: 19 Aug 2016 12:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 3911641
Ion Ratio Lower Upper
252 100
253 24.0 17.8 26.8
125 15.9 11.7 17.5

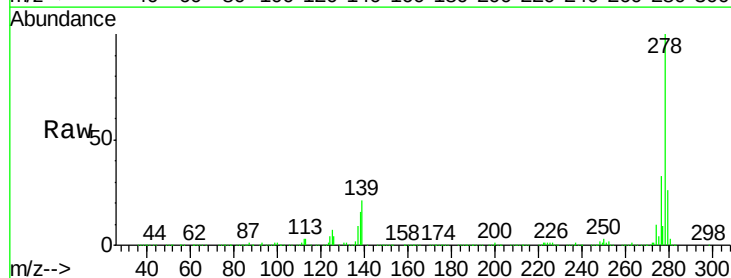


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

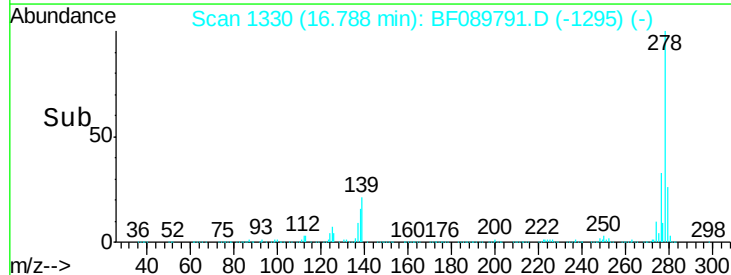
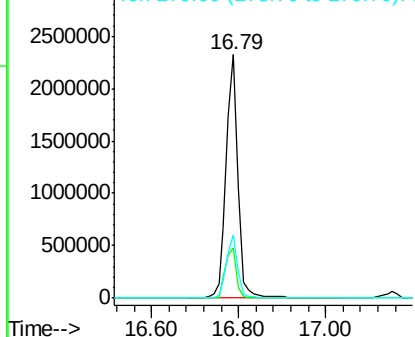


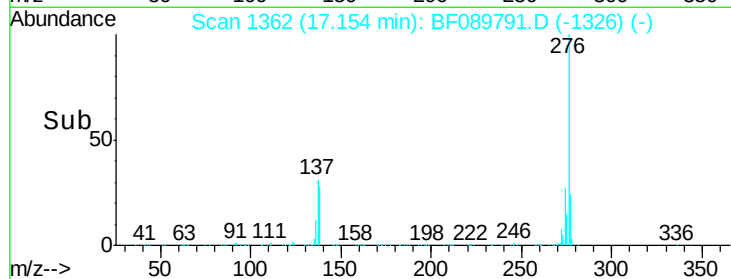
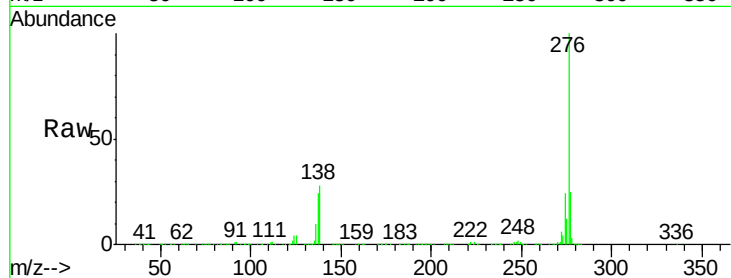
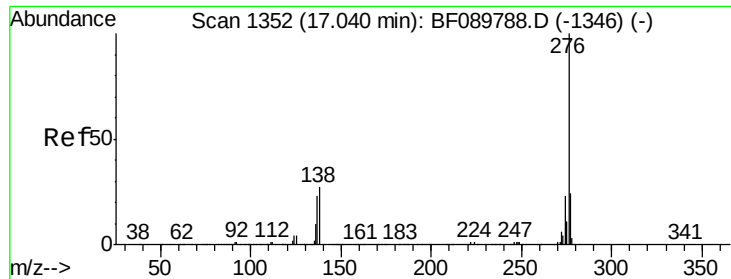
#90
Dibenzo(a,h)anthracene
Concen: 101.52 ng
RT: 16.79 min Scan# 1330
Delta R.T. 0.10 min
Lab File: BF089791.D
Acq: 19 Aug 2016 12:34

Tgt Ion:278 Resp: 4399828
Ion Ratio Lower Upper
278 100
139 20.8 14.9 22.3
279 26.1 19.2 28.8



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 108.62 ng

RT: 17.15 min Scan# 1362

Delta R.T. 0.11 min

Lab File: BF089791.D

Acq: 19 Aug 2016 12:34

Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 4791177

Ion Ratio Lower Upper

276 100

277 24.9 19.2 28.8

138 27.8 22.1 33.1

