

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031517\
 Data File : BF093667.D
 Acq On : 15 Mar 2017 14:57
 Operator : SJ/MA
 Sample : PB97589BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97589BS

Quant Time: Mar 16 07:33:14 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 13 15:05:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	165546	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	711702	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	301992	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	565510	20.00	ng	0.00
75) Chrysene-d12	13.90	240	472687	20.00	ng	0.01
86) Perylene-d12	15.31	264	346958	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	1441010	144.87	ng	0.00
7) Phenol-d6	6.38	99	1866821	148.83	ng	0.00
23) Nitrobenzene-d5	7.29	82	1146153	89.35	ng	-0.01
41) 2,4,6-Tribromophenol	10.56	330	309540	157.32	ng	0.01
44) 2-Fluorobiphenyl	9.09	172	1661160	102.31	ng	0.00
78) Terphenyl-d14	12.84	244	1422310	78.23	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.26	88	206751	37.74	ng	# 81
3) Pyridine	3.02	79	276187m	19.77	ng	
4) n-Nitrosodimethylamine	2.90	42	321744	48.22	ng	# 73
8) 2-Chlorophenol	6.50	128	506800	45.47	ng	98
9) Benzaldehyde	6.26	77	294597	37.39	ng	94
10) Phenol	6.39	94	765233	49.79	ng	# 71
11) bis(2-Chloroethyl)ether	6.45	93	542761	43.69	ng	89
12) 1,3-Dichlorobenzene	6.64	146	558862m	43.81	ng	
13) 1,4-Dichlorobenzene	6.72	146	580537	44.45	ng	98
14) 1,2-Dichlorobenzene	6.88	146	512217	44.29	ng	96
15) Benzyl Alcohol	6.88	79	368227	41.18	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.00	45	917671	44.47	ng	71
17) 2-Methylphenol	7.01	107	429287	45.54	ng	99
18) Hexachloroethane	7.21	117	204672	46.47	ng	97
19) n-Nitroso-di-n-propylamine	7.14	70	403224	46.76	ng	# 94
20) 3+4-Methylphenols	7.17	107	594857	48.66	ng	# 72
22) Acetophenone	7.13	105	715189	41.76	ng	97
24) Nitrobenzene	7.30	77	625194	43.37	ng	100
25) Isophorone	7.54	82	1037777	40.12	ng	# 92
26) 2-Nitrophenol	7.62	139	290934	44.23	ng	91
27) 2,4-Dimethylphenol	7.68	122	459934	42.99	ng	97
28) bis(2-Chloroethoxy)methane	7.76	93	732021	44.83	ng	99
29) 2,4-Dichlorophenol	7.90	162	443330	44.04	ng	91
30) 1,2,4-Trichlorobenzene	7.94	180	434423	40.58	ng	96
31) Naphthalene	8.02	128	1467577	41.15	ng	99
32) Benzoic acid	7.86	122	245371	44.13	ng	97
33) 4-Chloroaniline	8.18	127	114347m	7.90	ng	
34) Hexachlorobutadiene	8.13	225	227669	41.29	ng	100
35) Caprolactam	8.48	113	138216m	40.20	ng	
36) 4-Chloro-3-methylphenol	8.61	107	427570	39.80	ng	99
37) 2-Methylnaphthalene	8.72	142	843351	37.16	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	402946	48.86	ng	99
40) Hexachlorocyclopentadiene	8.86	237	220940	102.23	ng	96
42) 2,4,6-Trichlorophenol	9.02	196	258073	50.09	ng	94

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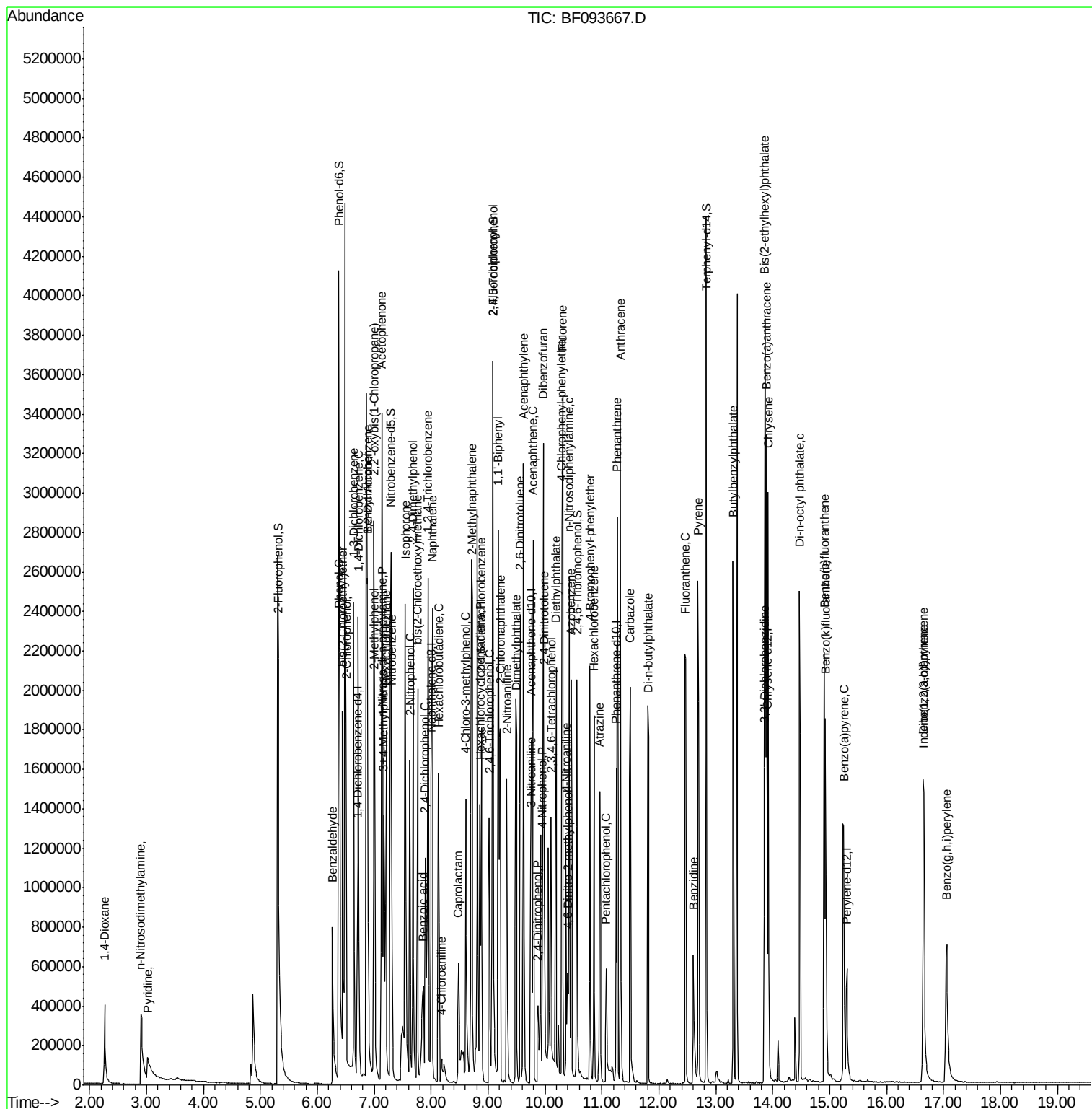
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.09	196	238124	43.07	nq	# 91
45) 1,1'-Biphenyl	9.18	154	1031961	46.91	nq	96
46) 2-Chloronaphthalene	9.21	162	839229	49.84	nq	96
47) 2-Nitroaniline	9.33	65	282758	47.50	nq	97
48) Acenaphthylene	9.62	152	1328316	47.83	nq	98
49) Dimethylphthalate	9.50	163	1011832	50.54	nq	100
50) 2,6-Dinitrotoluene	9.57	165	226027	51.45	nq	# 81
51) Acenaphthene	9.80	154	797904	48.58	nq	96
52) 3-Nitroaniline	9.75	138	131540	24.92	nq	# 96
53) 2,4-Dinitrophenol	9.88	184	136083	68.02	nq	# 75
54) Dibenzofuran	9.97	168	1144851	55.70	nq	99
55) 4-Nitrophenol	9.96	139	111222m	43.39	nq	
56) 2,4-Dinitrotoluene	9.98	165	292924	54.28	nq	# 87
57) Fluorene	10.31	166	862730	49.53	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.10	232	202500m	51.90	nq	
59) Diethylphthalate	10.20	149	997407	52.13	nq	95
60) 4-Chlorophenyl-phenylether	10.30	204	395580	50.67	nq	92
61) 4-Nitroaniline	10.37	138	207465	38.44	nq	92
62) Azobenzene	10.46	77	1055443	48.54	nq	95
64) 4,6-Dinitro-2-methylphenol	10.40	198	137311	37.48	nq	90
65) n-Nitrosodiphenylamine	10.42	169	762608	40.39	nq	99
66) 4-Bromophenyl-phenylether	10.79	248	249765	41.77	nq	96
67) Hexachlorobenzene	10.86	284	243042	42.56	nq	# 84
68) Atrazine	10.96	200	225035	40.72	nq	99
69) Pentachlorophenol	11.08	266	115388	58.53	nq	98
70) Phenanthrene	11.27	178	1271021	39.38	nq	99
71) Anthracene	11.33	178	1358315	41.60	nq	99
72) Carbazole	11.50	167	1253363	40.86	nq	97
73) Di-n-butylphthalate	11.82	149	1514385	42.67	nq	# 96
74) Fluoranthene	12.47	202	1405187	45.07	nq	92
76) Benzidine	12.61	184	430209	27.68	nq	98
77) Pyrene	12.69	202	1398109	40.67	nq	99
79) Butylbenzylphthalate	13.31	149	680378	47.01	nq	94
80) Benzo(a)anthracene	13.89	228	1092711m	39.15	nq	
81) 3,3'-Dichlorobenzidine	13.85	252	319863	32.72	nq	# 95
82) Chrysene	13.92	228	1059852m	41.04	nq	
83) Bis(2-ethylhexyl)phthalate	13.87	149	937719	46.49	nq	99
84) Di-n-octyl phthalate	14.47	149	1533647	45.62	nq	98
85) Indeno(1,2,3-cd)pyrene	16.65	276	816955	37.79	nq	# 94
87) Benzo(b)fluoranthene	14.91	252	869985m	41.17	nq	
88) Benzo(k)fluoranthene	14.93	252	916825m	44.99	nq	
89) Benzo(a)pyrene	15.25	252	860265	44.55	nq	97
90) Dibenzo(a,h)anthracene	16.64	278	690031	43.19	nq	95
91) Benzo(g,h,i)perylene	17.05	276	715395	43.63	nq	# 94

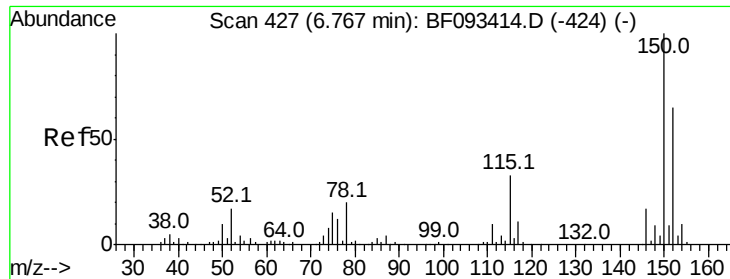
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.71 min Scan# 422

Delta R.T. -0.01 min

Lab File: BF093667.D

Acq: 15 Mar 2017 14:57

Instrument :

BNA_F

ClientSampleId :

PB97589BS

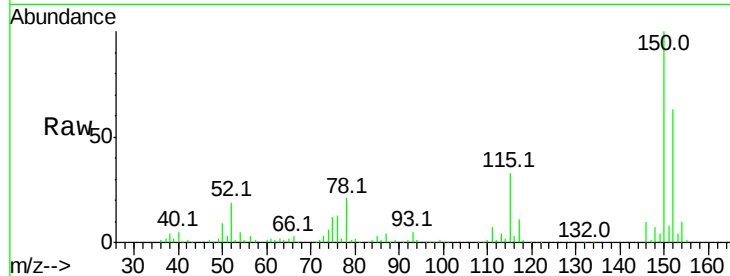
Tot Ion:152 Resp: 165546

Ion Ratio Lower Upper

152 100

150 157.8 124.9 187.3

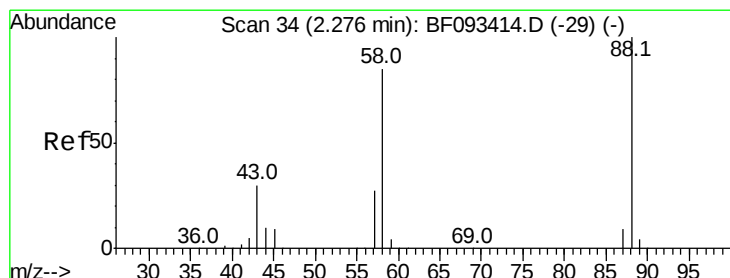
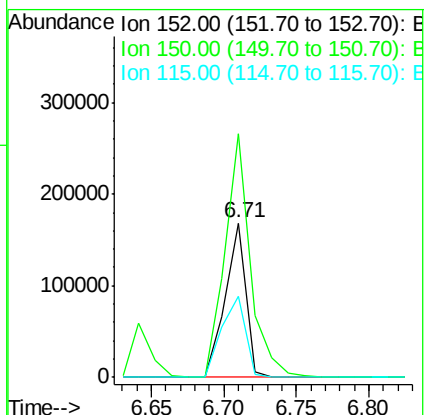
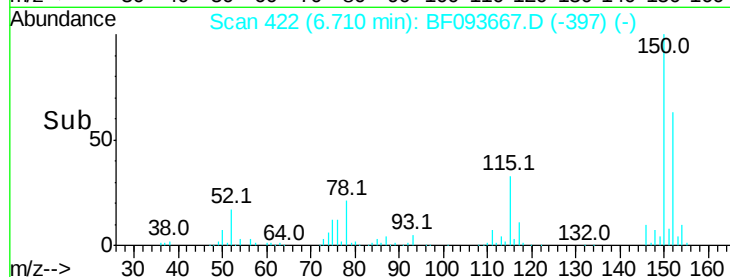
115 52.6 46.0 69.0



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: 37.74 ng

RT: 2.26 min Scan# 33

Delta R.T. 0.08 min

Lab File: BF093667.D

Acq: 15 Mar 2017 14:57

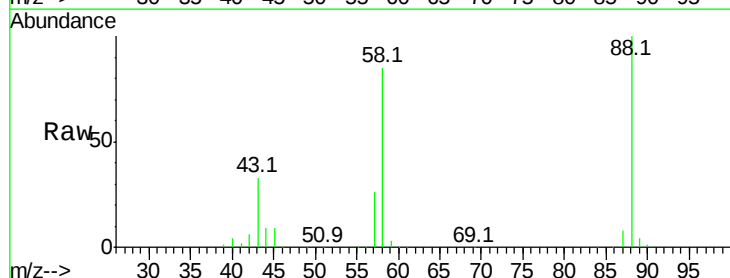
Tgt Ion: 88 Resp: 206751

Ion Ratio Lower Upper

88 100

58 89.6 57.8 86.8#

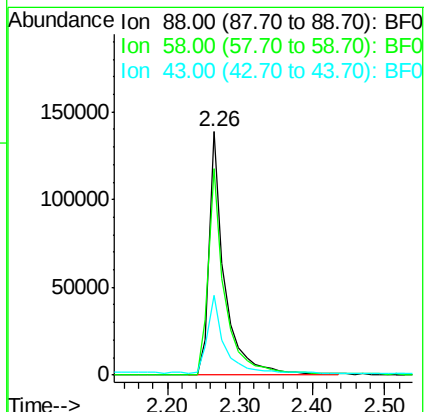
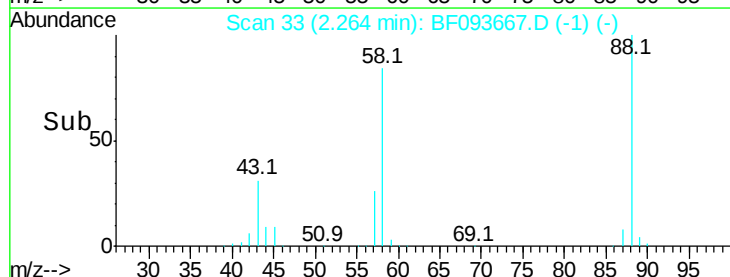
43 35.7 22.3 33.5#

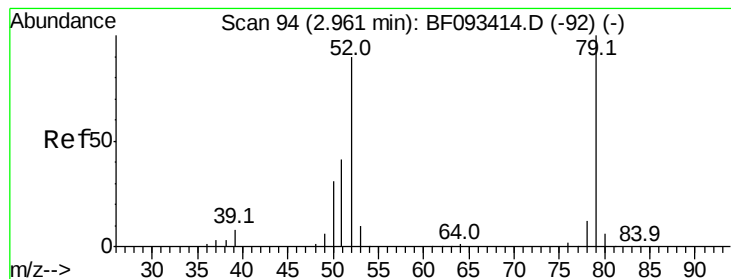


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 19.77 ng/ml

RT: 3.02 min Scan# 99

Delta R.T. 0.16 min

Lab File: BF093667.D

Acq: 15 Mar 2017 14:57

Instrument :

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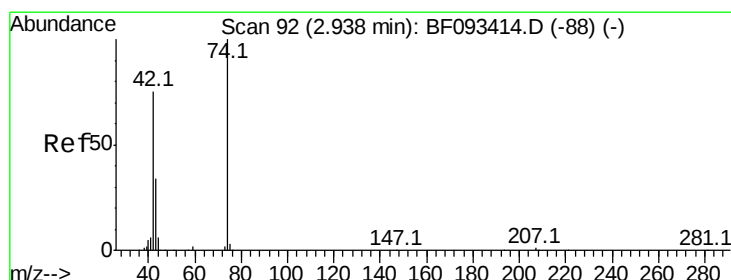
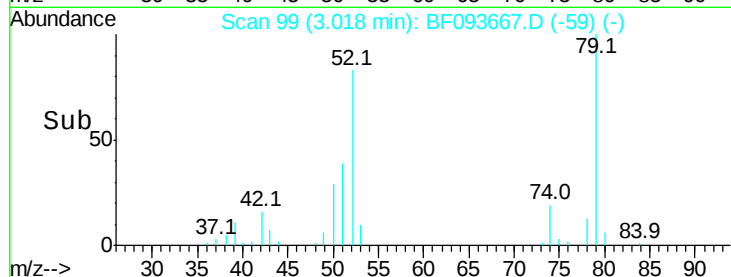
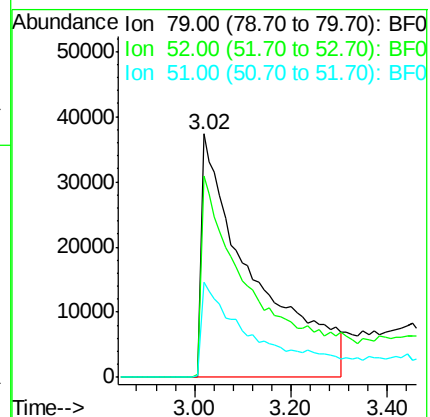
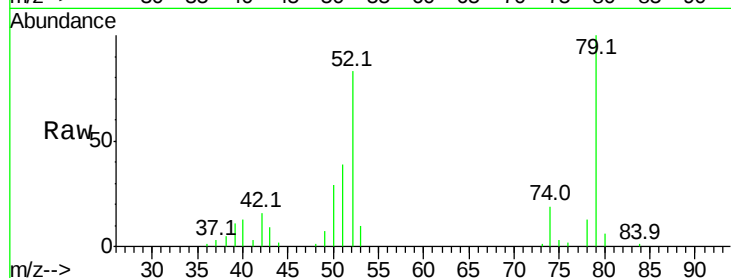
Tot Ion: 79 Resp: 276187

Ion Ratio Lower Upper

79 100

52 82.8 57.1 85.7

51 39.2 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 48.22 ng/ml

RT: 2.90 min Scan# 89

Delta R.T. 0.07 min

Lab File: BF093667.D

Acq: 15 Mar 2017 14:57

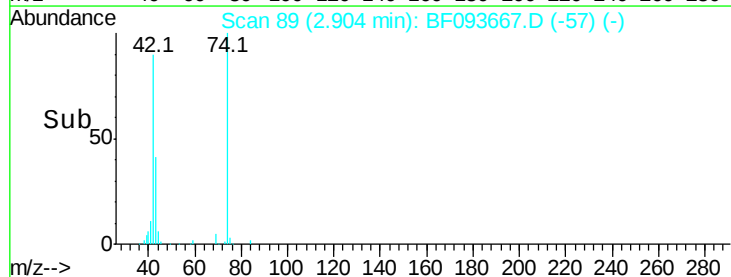
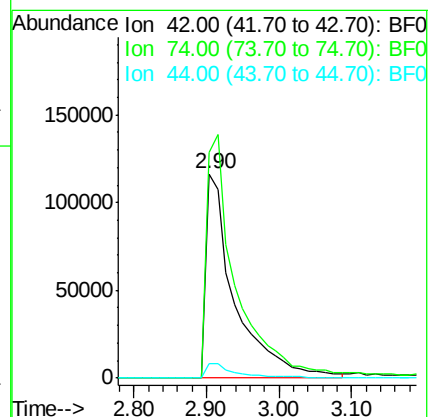
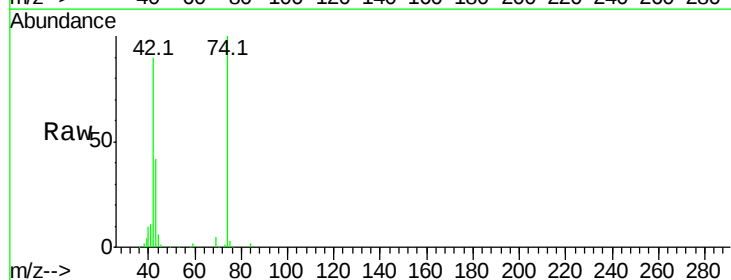
Tgt Ion: 42 Resp: 321744

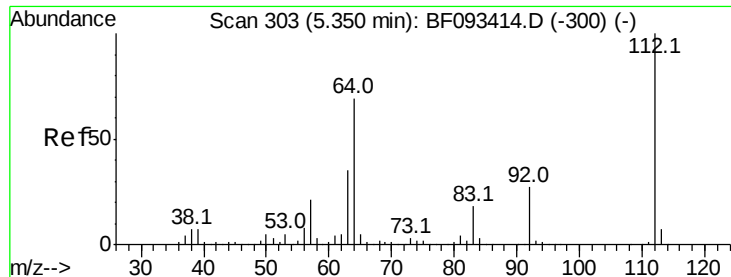
Ion Ratio Lower Upper

42 100

74 110.6 117.0 175.4#

44 7.0 5.5 8.3





#5

2-Fluorophenol

Concen: 144.87 ng

RT: 5.32 min Scan# 300

Delta R.T. -0.00 min

Lab File: BF093667.D

Acq: 15 Mar 2017 14:57

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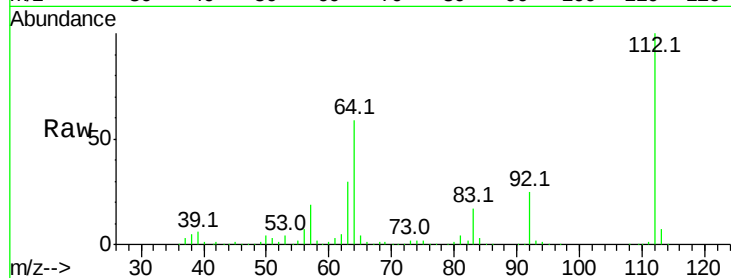
Tot Ion:112 Resp: 1441010

Ion Ratio Lower Upper

112 100

64 58.9 46.1 69.1

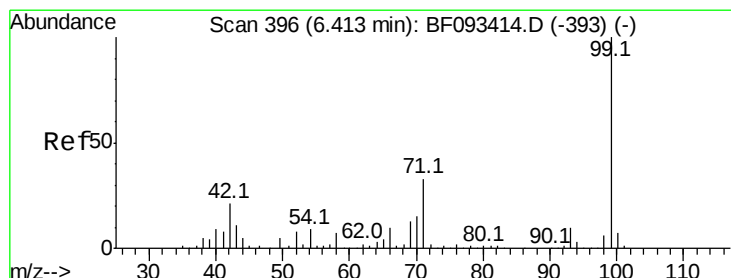
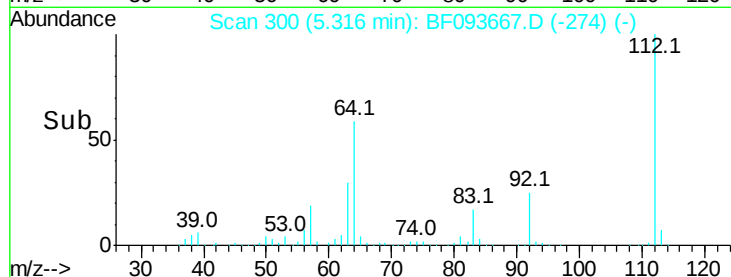
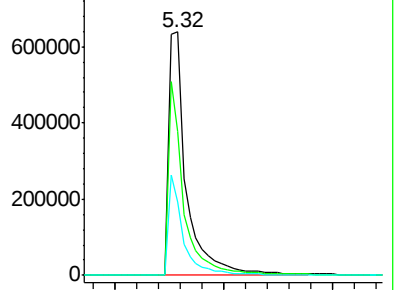
63 29.9 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#7

Phenol-d6

Concen: 148.83 ng

RT: 6.38 min Scan# 393

Delta R.T. -0.00 min

Lab File: BF093667.D

Acq: 15 Mar 2017 14:57

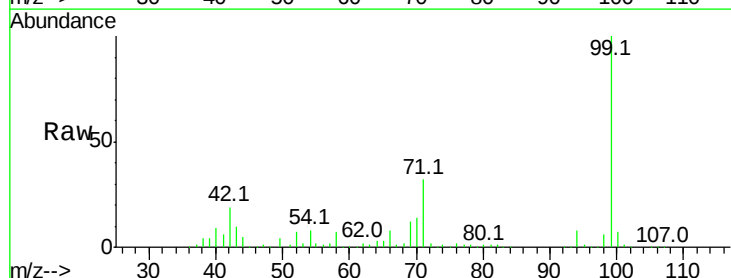
Tgt Ion: 99 Resp: 1866821

Ion Ratio Lower Upper

99 100

42 19.0 15.6 23.4

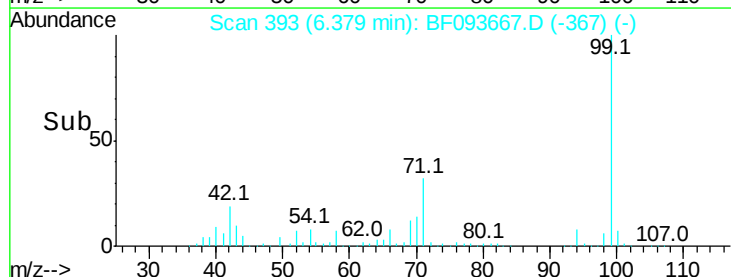
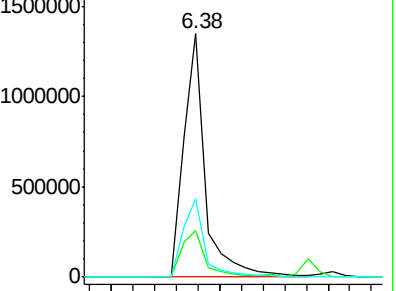
71 32.4 27.5 41.3

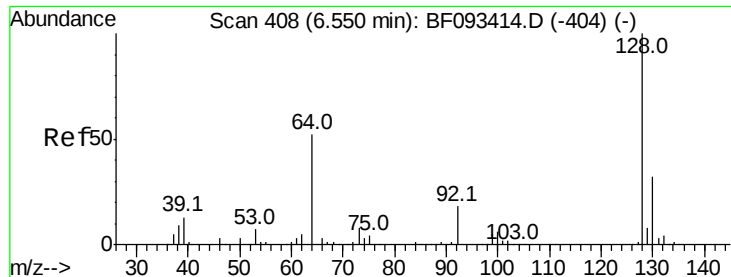


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#8

2-Chlorophenol

Concen: 45.47 ng

RT: 6.50 min Scan# 404

Delta R.T. -0.00 min

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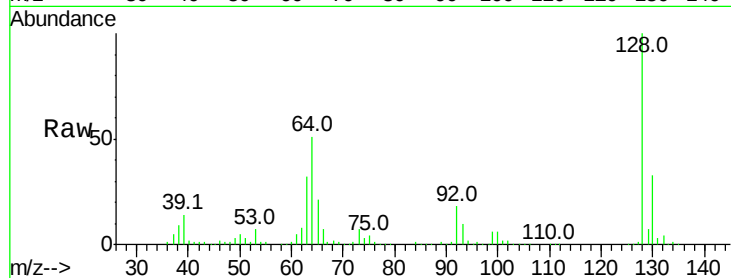
Tot Ion:128 Resp: 506800

Ion Ratio Lower Upper

128 100

130 33.1 12.3 52.3

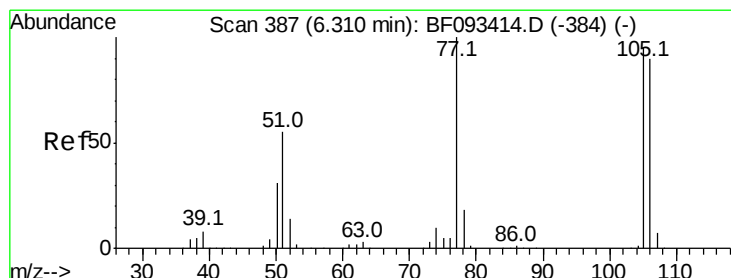
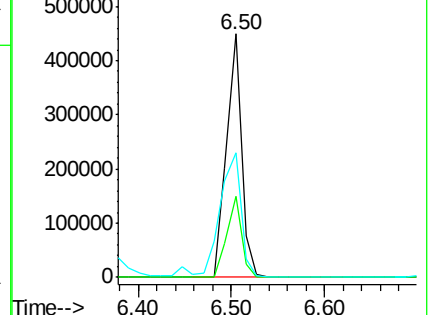
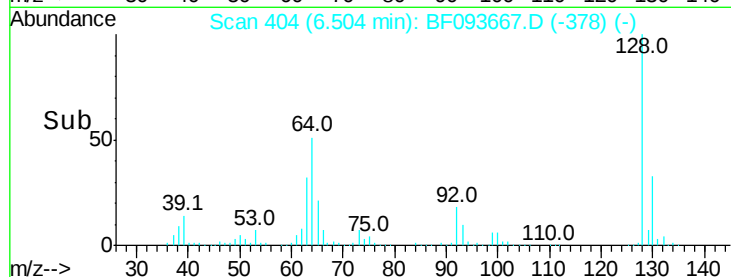
64 51.0 32.2 72.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): E



#9

Benzaldehyde

Concen: 37.39 ng

RT: 6.26 min Scan# 383

Delta R.T. -0.01 min

Lab File: BF093667.D

Acq: 15 Mar 2017 14:57

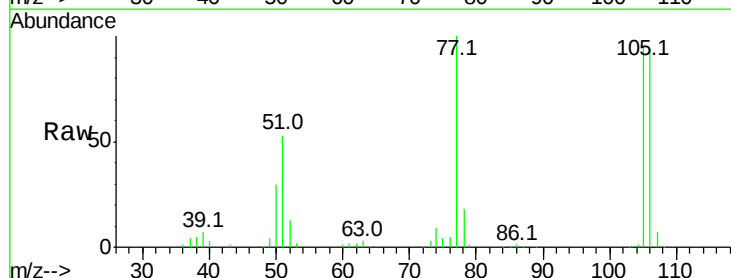
Tgt Ion: 77 Resp: 294597

Ion Ratio Lower Upper

77 100

105 96.4 83.9 123.9

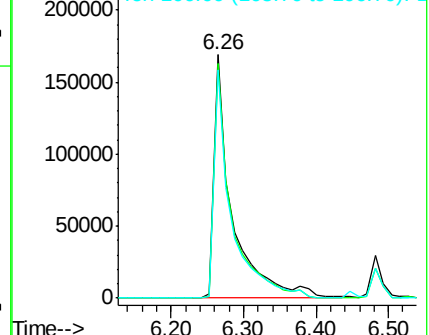
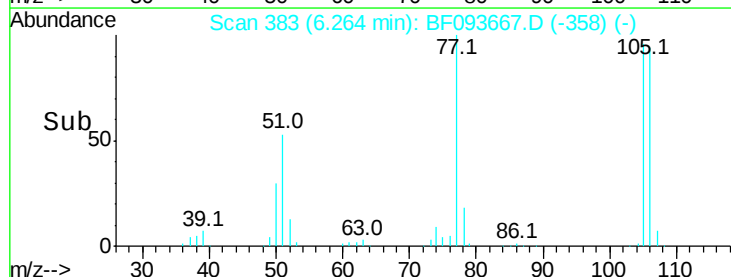
106 93.8 77.6 117.6

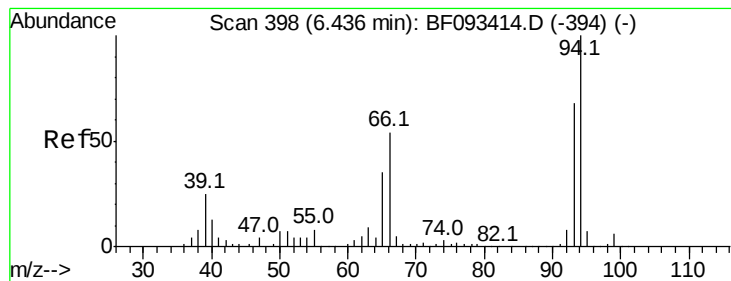


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 49.79 ng

RT: 6.39 min Scan# 394

Delta R.T. -0.01 min

Lab File: BF093667.D

Acq: 15 Mar 2017 14:57

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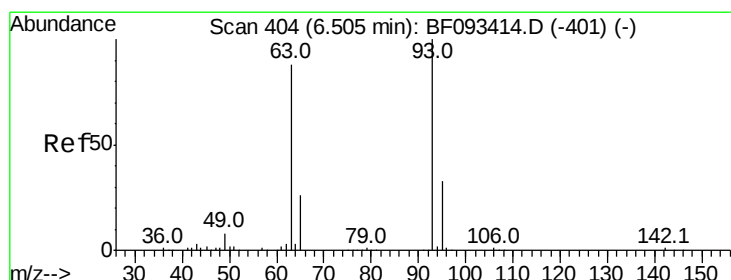
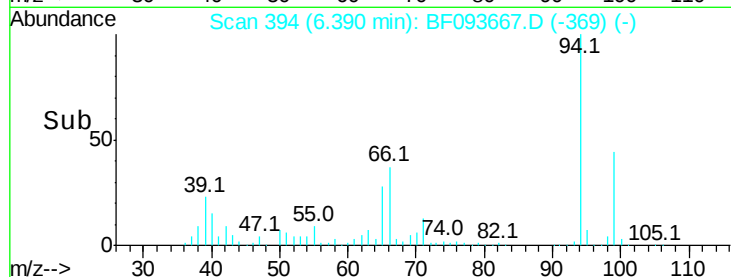
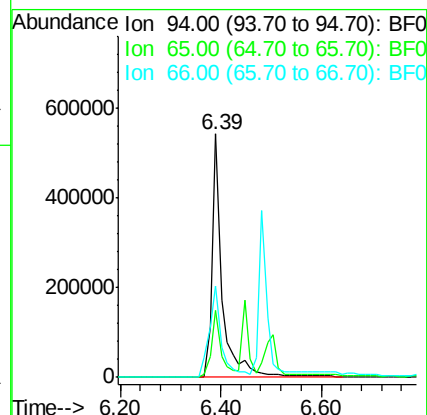
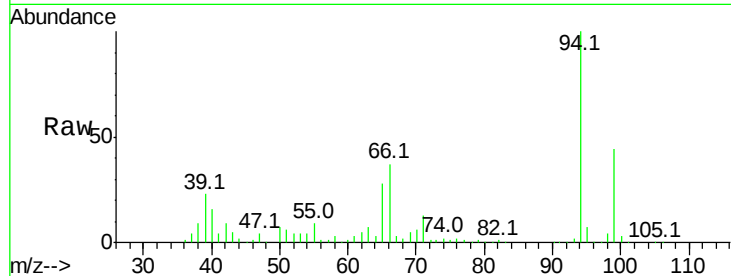
Tot Ion: 94 Resp: 765233

Ion Ratio Lower Upper

94 100

65 27.6 21.4 61.4

66 37.3 44.0 84.0#



#11

bis(2-Chloroethyl)ether

Concen: 43.69 ng

RT: 6.45 min Scan# 399

Delta R.T. -0.01 min

Lab File: BF093667.D

Acq: 15 Mar 2017 14:57

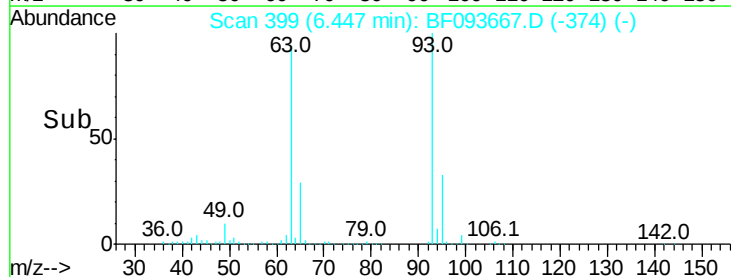
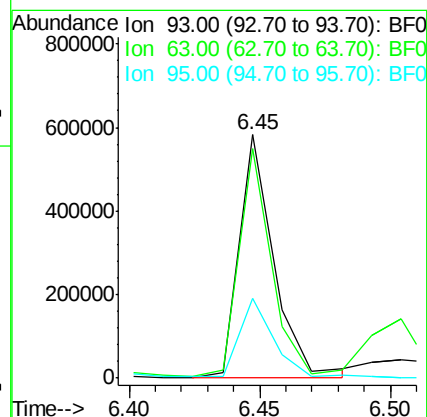
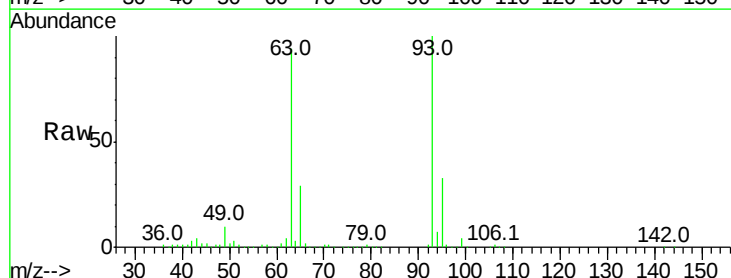
Tgt Ion: 93 Resp: 542761

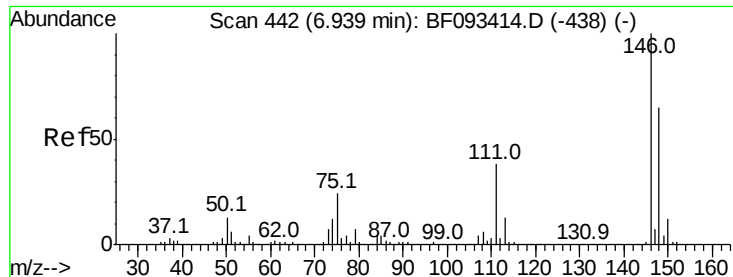
Ion Ratio Lower Upper

93 100

63 94.5 60.4 100.4

95 33.0 12.8 52.8





#12

1,3-Dichlorobenzene

Concen: 43.81 ng/mL

RT: 6.64 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF093667.D

Acq: 15 Mar 2017 14:57

Instrument :

BNA_F

ClientSampleId :

PB97589BS

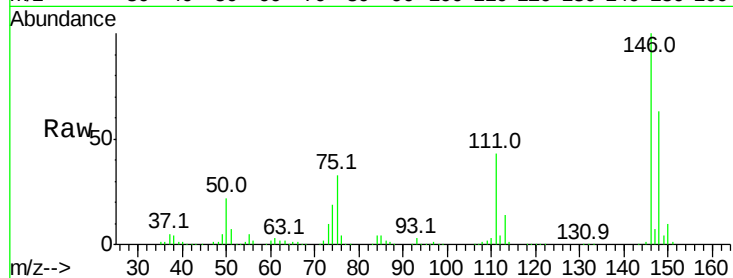
Tot Ion:146 Resp: 558862

Ion Ratio Lower Upper

146 100

148 63.3 53.4 80.0

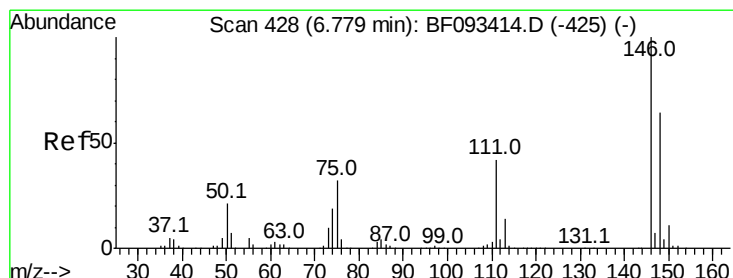
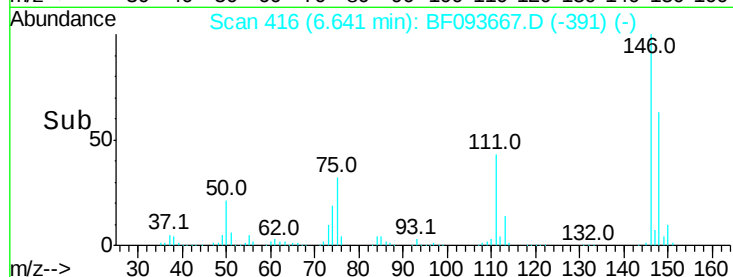
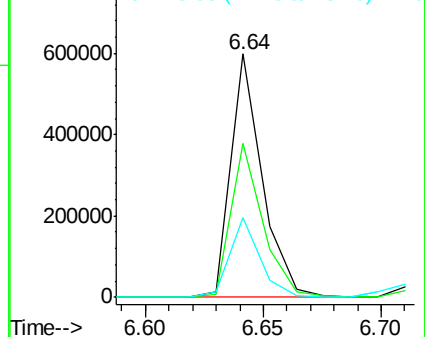
75 32.5 18.5 27.7#



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: 44.45 ng/mL

RT: 6.72 min Scan# 423

Delta R.T. -0.01 min

Lab File: BF093667.D

Acq: 15 Mar 2017 14:57

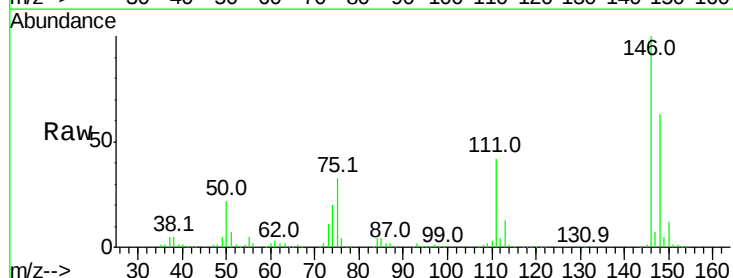
Tgt Ion:146 Resp: 580537

Ion Ratio Lower Upper

146 100

148 63.5 50.6 76.0

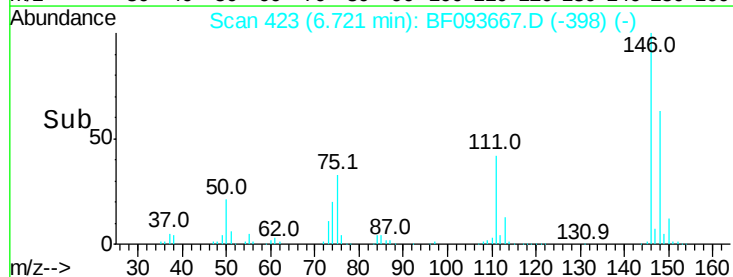
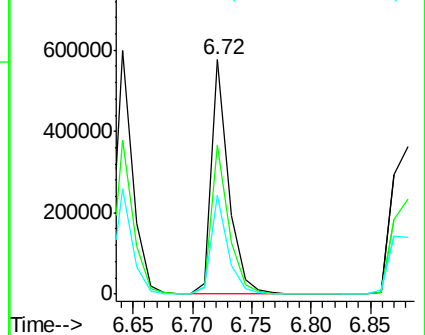
111 42.1 36.2 54.4

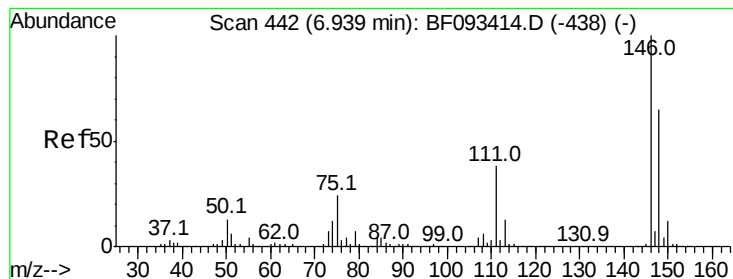


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

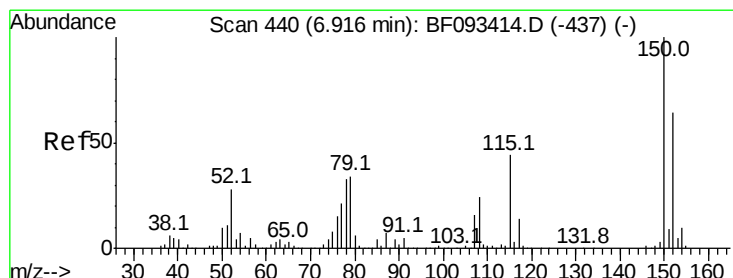
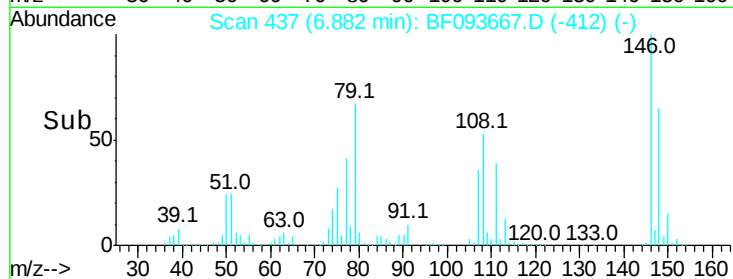
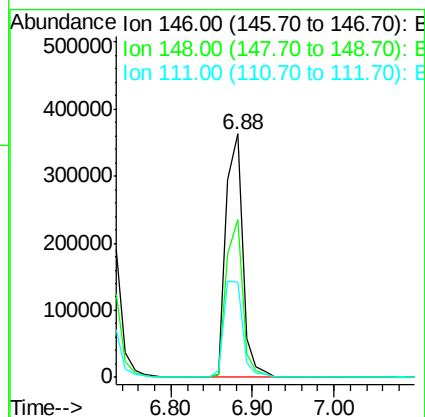
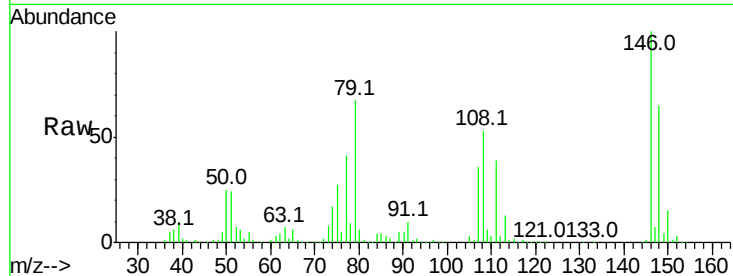




#14
 1,2-Dichlorobenzene
 Concen: 44.29 ng
 RT: 6.88 min Scan# 437
 Delta R.T. -0.01 min
 Lab File: BF093667.D
 Acq: 15 Mar 2017 14:57

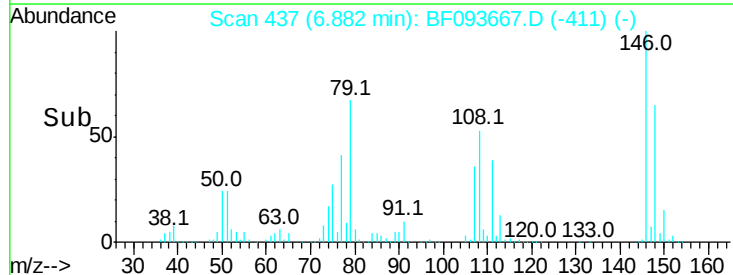
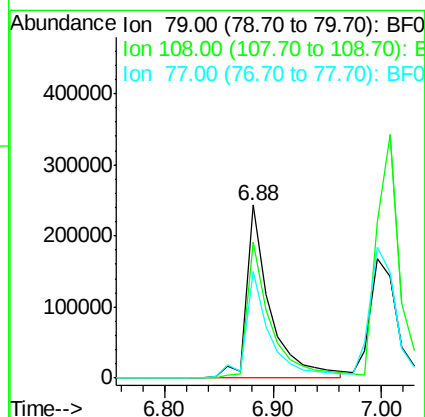
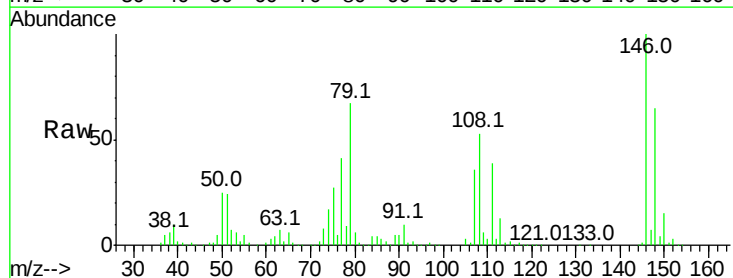
Instrument :
 BNA_F
 ClientSampled :
 PB97589BS

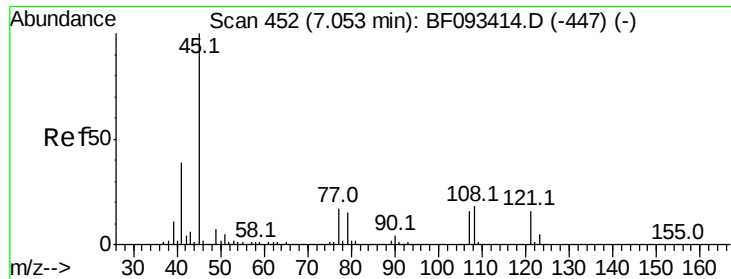
Tot Ion:146 Resp: 512217
 Ion Ratio Lower Upper
 146 100
 148 64.7 52.2 78.2
 111 38.8 36.2 54.2



#15
 Benzyl Alcohol
 Concen: 41.18 ng
 RT: 6.88 min Scan# 437
 Delta R.T. -0.00 min
 Lab File: BF093667.D
 Acq: 15 Mar 2017 14:57

Tgt Ion: 79 Resp: 368227
 Ion Ratio Lower Upper
 79 100
 108 78.6 61.4 92.0
 77 61.4 50.9 76.3

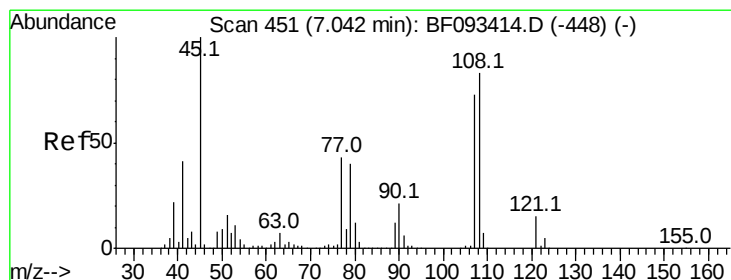
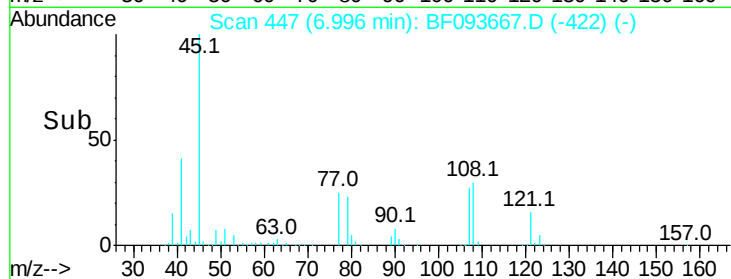
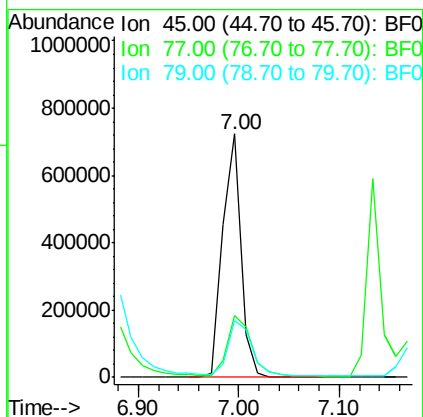
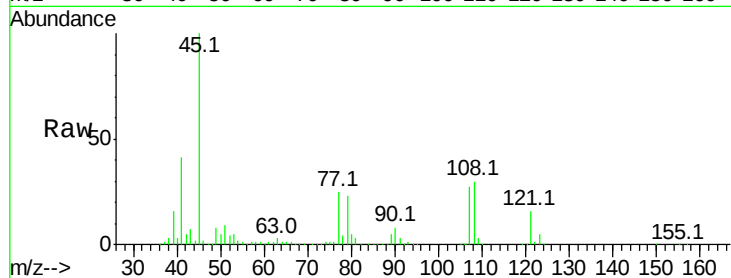




#16
 2,2'-oxvbis(1-Chloropropane)
 Concen: 44.47 ng
 RT: 7.00 min Scan# 447
 Delta R.T. -0.01 min
 Lab File: BF093667.D
 Acq: 15 Mar 2017 14:57

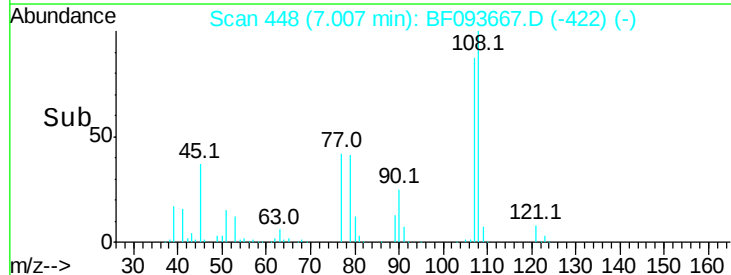
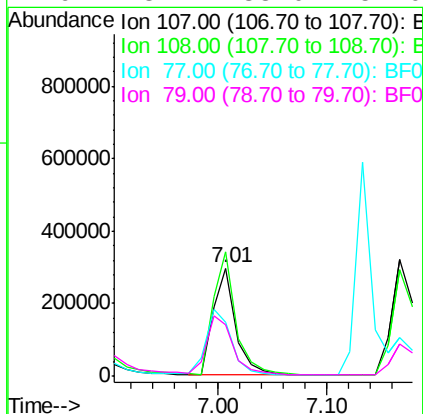
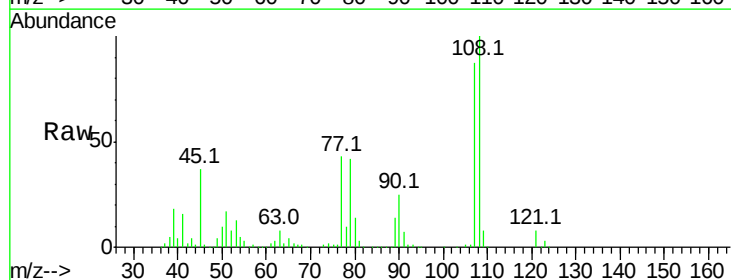
Instrument :
 BNA_F
 ClientSampleId :
 PB97589BS

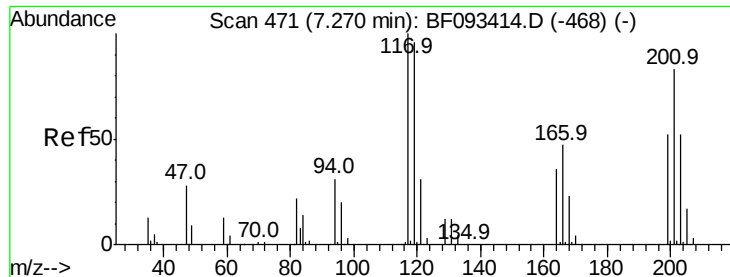
Tot Ion: 45 Resp: 917671
 Ion Ratio Lower Upper
 45 100
 77 25.5 0.0 34.6
 79 23.2 0.0 31.2



#17
 2-Methylphenol
 Concen: 45.54 ng
 RT: 7.01 min Scan# 448
 Delta R.T. -0.00 min
 Lab File: BF093667.D
 Acq: 15 Mar 2017 14:57

Tgt Ion:107 Resp: 429287
 Ion Ratio Lower Upper
 107 100
 108 114.9 93.0 139.6
 77 49.8 39.8 59.8
 79 48.1 38.0 57.0

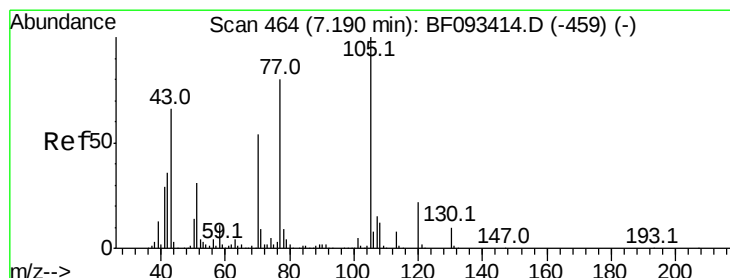
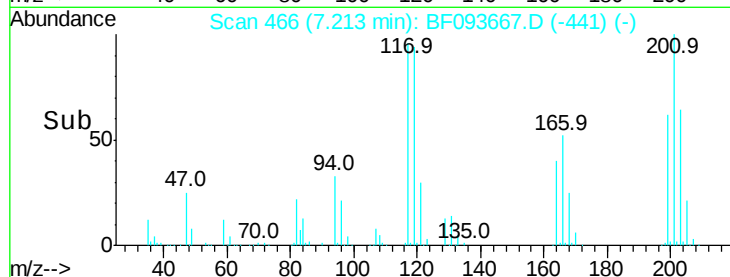
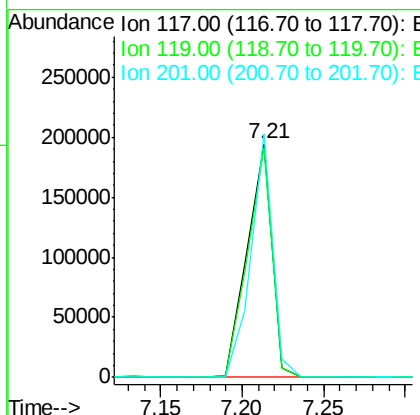
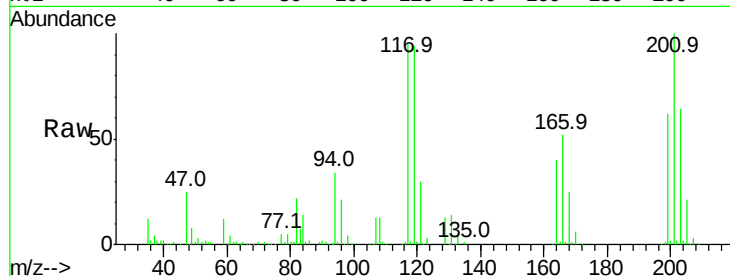




#18
Hexachloroethane
Concen: 46.47 ng
RT: 7.21 min Scan# 466
Delta R.T. -0.01 min
Lab File: BF093667.D
Acq: 15 Mar 2017 14:57

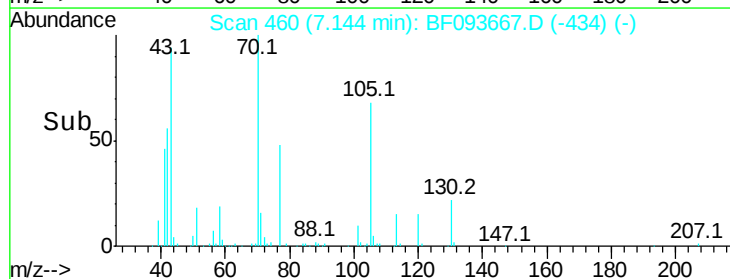
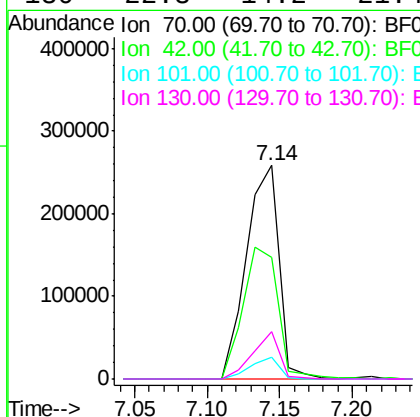
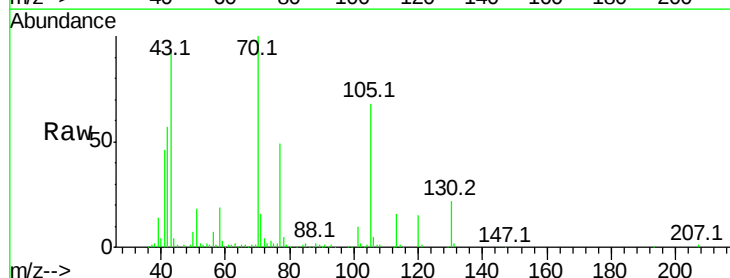
Instrument :
BNA_F
ClientSampleId :
PB97589BS

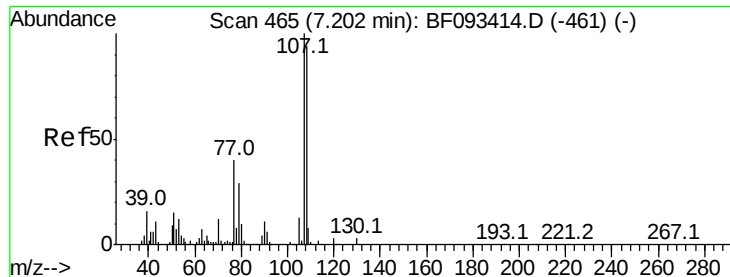
Tot Ion:117 Resp: 204672
Ion Ratio Lower Upper
117 100
119 98.4 78.1 117.1
201 104.1 78.6 117.8



#19
n-Nitroso-di-n-propylamine
Concen: 46.76 ng
RT: 7.14 min Scan# 460
Delta R.T. -0.00 min
Lab File: BF093667.D
Acq: 15 Mar 2017 14:57

Tgt Ion: 70 Resp: 403224
Ion Ratio Lower Upper
70 100
42 57.1 49.4 74.0
101 10.0 7.4 11.2
130 22.3 14.2 21.4#

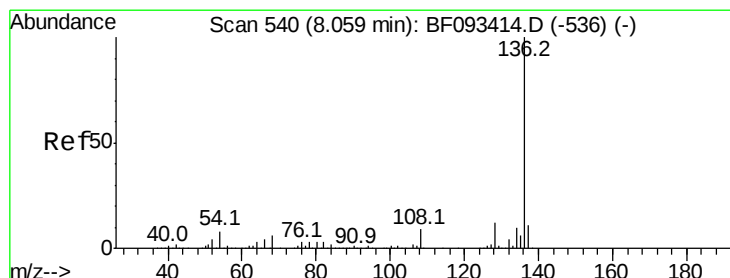
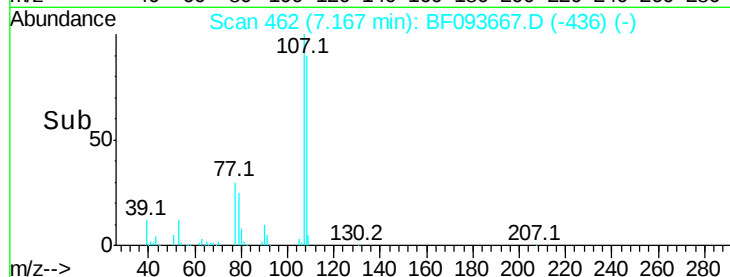
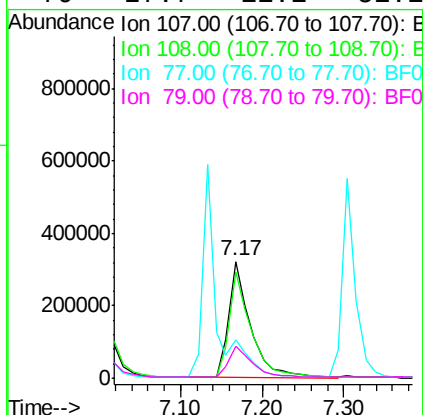
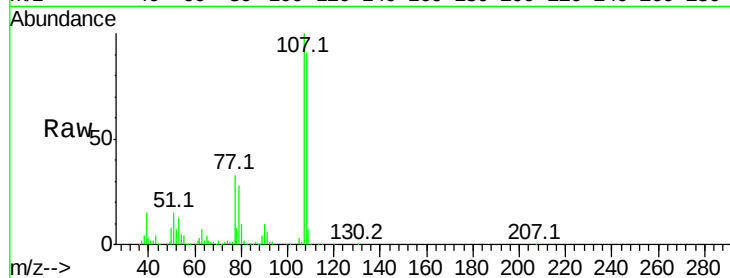




#20
3+4-Methylphenols
Concen: 48.66 ng
RT: 7.17 min Scan# 462
Delta R.T. -0.00 min
Lab File: BF093667.D
Acq: 15 Mar 2017 14:57

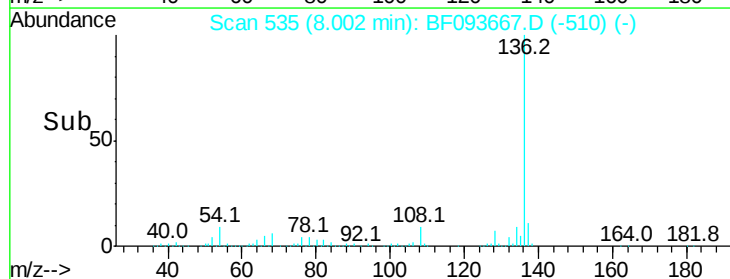
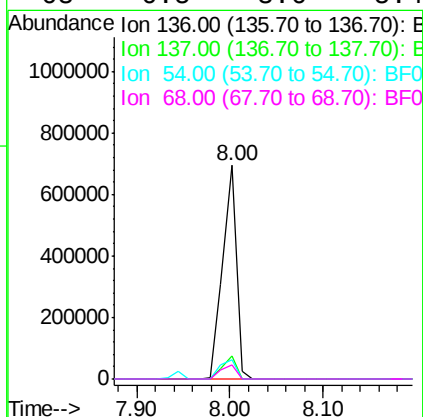
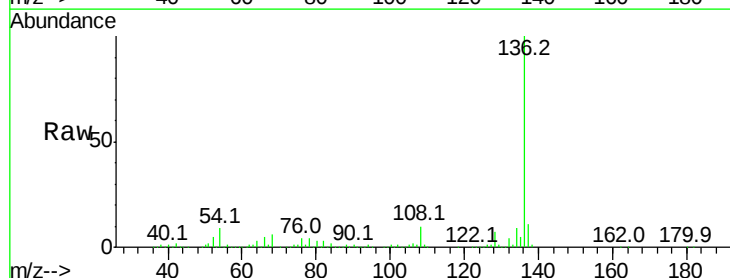
Instrument :
BNA_F
ClientSampleId :
PB97589BS

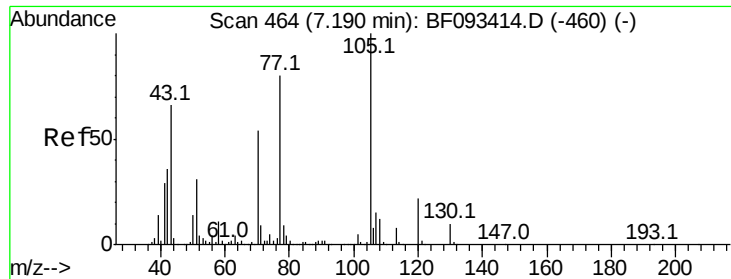
Tot Ion:	107	Resp:	594857
Ion	Ratio	Lower	Upper
107	100		
108	90.9	73.0	113.0
77	33.0	71.3	111.3#
79	27.7	11.1	51.1



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF093667.D
Acq: 15 Mar 2017 14:57

Tgt Ion:	136	Resp:	711702
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.4	12.6
54	8.9	4.5	6.7#
68	6.5	3.6	5.4#





#22

Acetophenone

Concen: 41.76 ng

RT: 7.13 min Scan# 459

Delta R.T. -0.01 min

Lab File: BF093667.D

Acq: 15 Mar 2017 14:57

Instrument :

BNA_F

ClientSampleId :

PB97589BS

Tot Ion:105 Resp: 715189

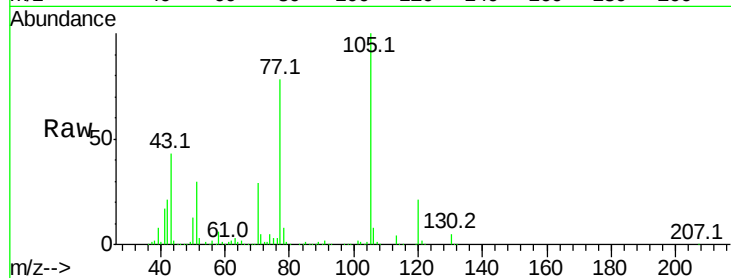
Ion Ratio Lower Upper

105 100

71 4.7 3.2 4.8

51 30.4 26.2 39.4

120 21.2 16.6 24.8

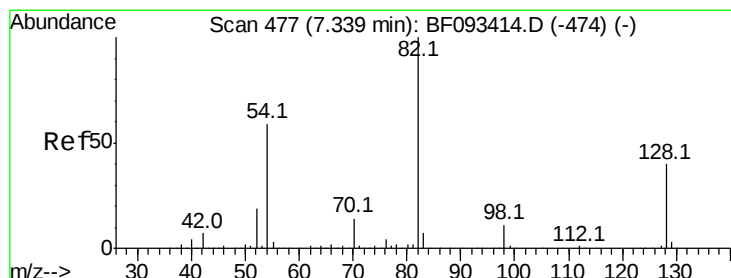
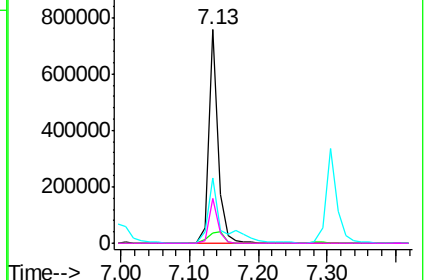
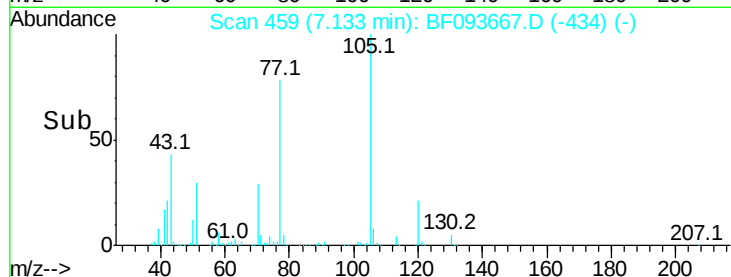


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 89.35 ng

RT: 7.29 min Scan# 473

Delta R.T. -0.01 min

Lab File: BF093667.D

Acq: 15 Mar 2017 14:57

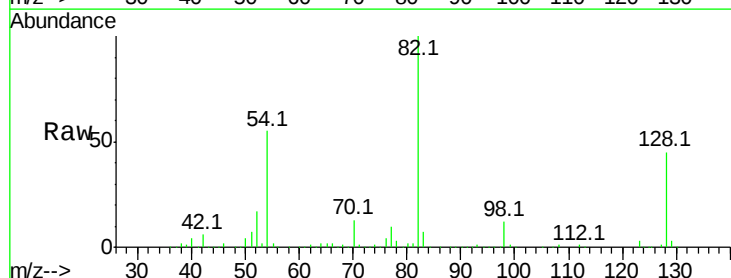
Tgt Ion: 82 Resp: 1146153

Ion Ratio Lower Upper

82 100

128 45.2 34.6 52.0

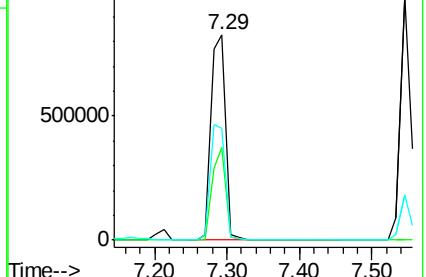
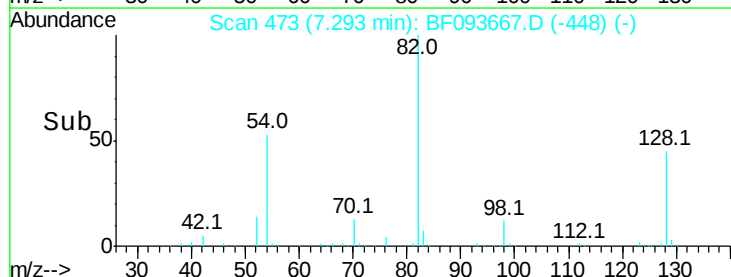
54 54.6 39.5 59.3

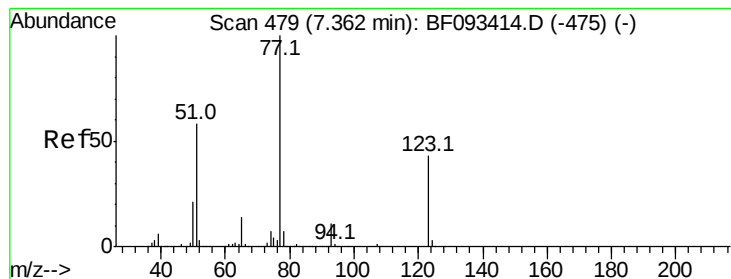


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#24

Nitrobenzene

Concen: 43.37 ng

RT: 7.30 min Scan# 474

Delta R.T. -0.01 min

Lab File: BF093667.D

Acq: 15 Mar 2017 14:57

Instrument :

BNA_F

ClientSampleId :

PB97589BS

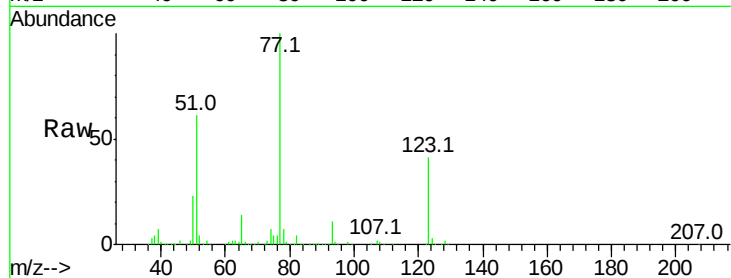
Tot Ion: 77 Resp: 625194

Ion Ratio Lower Upper

77 100

123 41.0 33.0 49.4

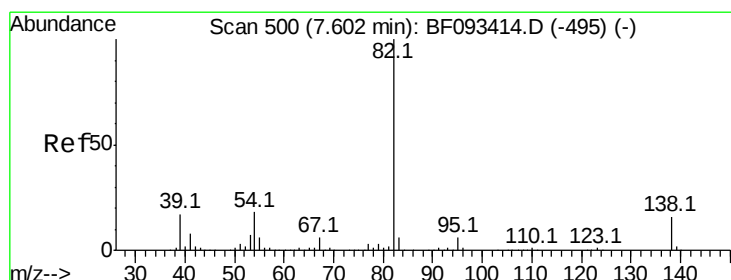
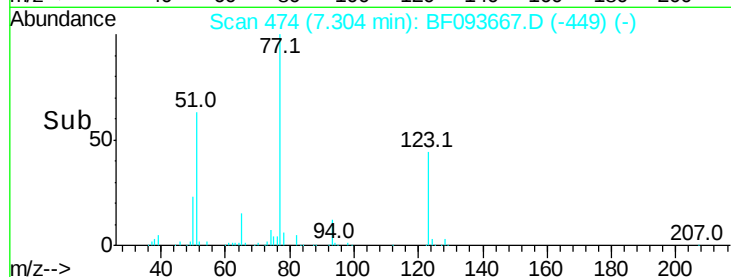
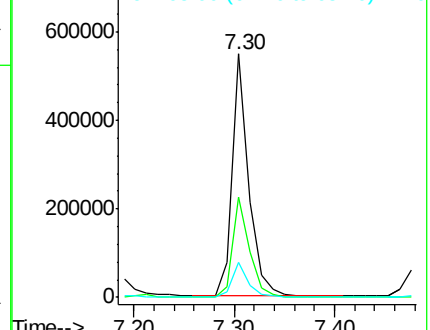
65 14.4 11.2 16.8



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#25

Isophorone

Concen: 40.12 ng

RT: 7.54 min Scan# 495

Delta R.T. -0.01 min

Lab File: BF093667.D

Acq: 15 Mar 2017 14:57

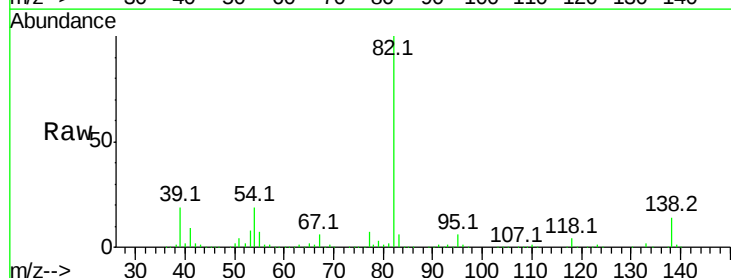
Tgt Ion: 82 Resp: 1037777

Ion Ratio Lower Upper

82 100

95 6.3 5.6 8.4

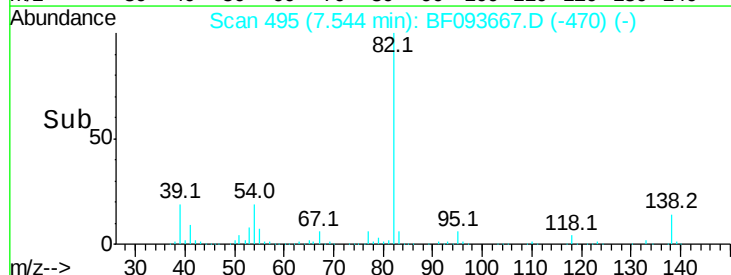
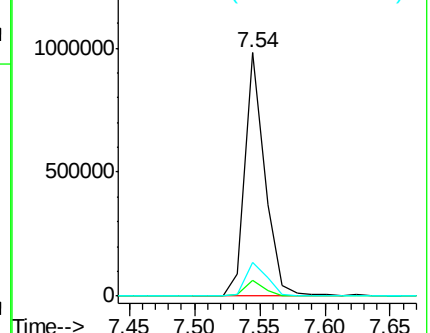
138 14.0 14.6 22.0#

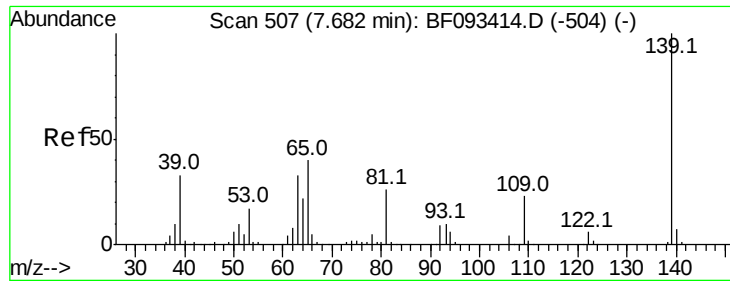


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

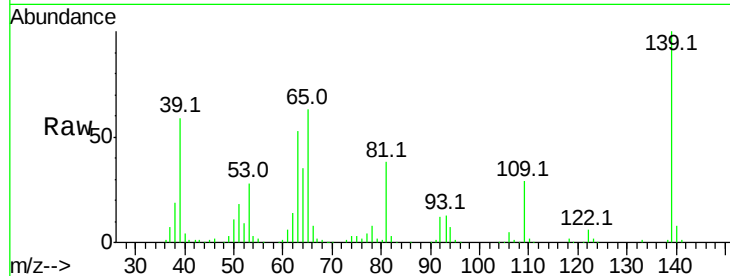




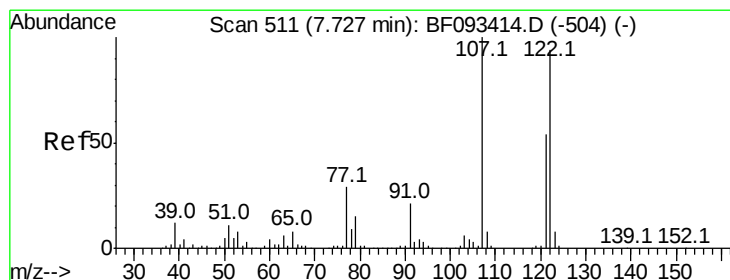
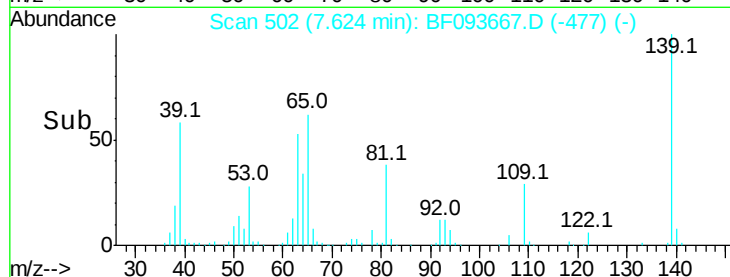
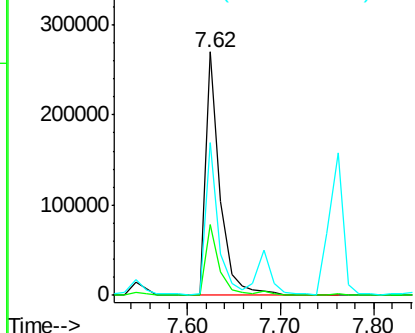
#26
 2-Nitrophenol
 Concen: 44.23 ng
 RT: 7.62 min Scan# 502
 Delta R.T. -0.01 min
 Lab File: BF093667.D
 Acq: 15 Mar 2017 14:57

Instrument :
 BNA_F
 ClientSampleId :
 PB97589BS

Tot Ion:139 Resp: 290934
 Ion Ratio Lower Upper
 139 100
 109 29.3 23.3 34.9
 65 63.0 42.7 64.1

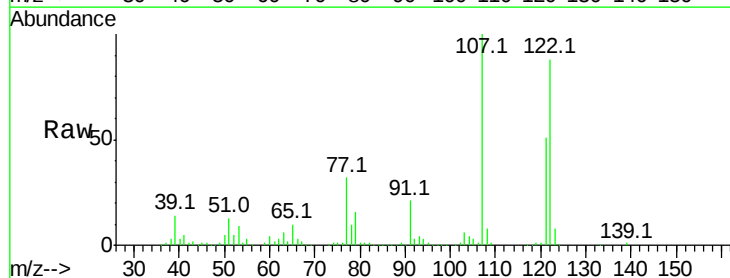


Abundance Ion 139.00 (138.70 to 139.70): E
 Ion 109.00 (108.70 to 109.70): E
 Ion 65.00 (64.70 to 65.70): E

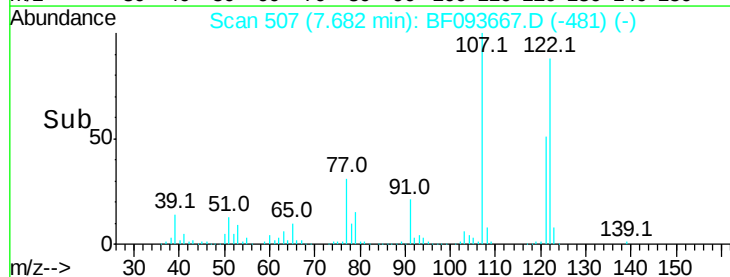
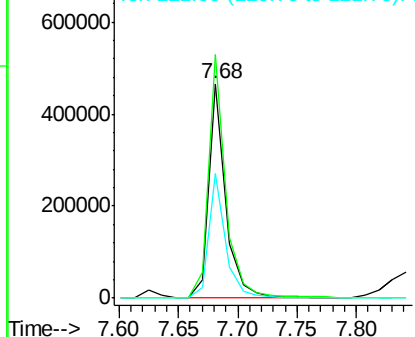


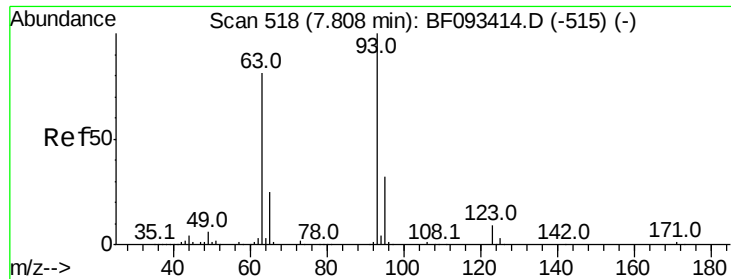
#27
 2,4-Dimethylphenol
 Concen: 42.99 ng
 RT: 7.68 min Scan# 507
 Delta R.T. -0.00 min
 Lab File: BF093667.D
 Acq: 15 Mar 2017 14:57

Tgt Ion:122 Resp: 459934
 Ion Ratio Lower Upper
 122 100
 107 113.5 94.1 141.1
 121 58.0 46.0 69.0



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

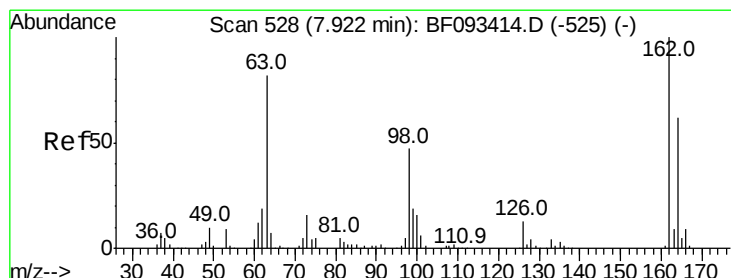
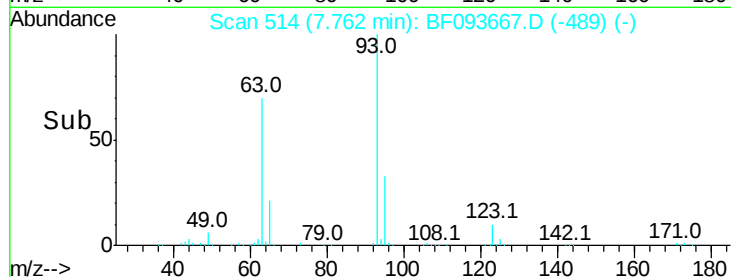
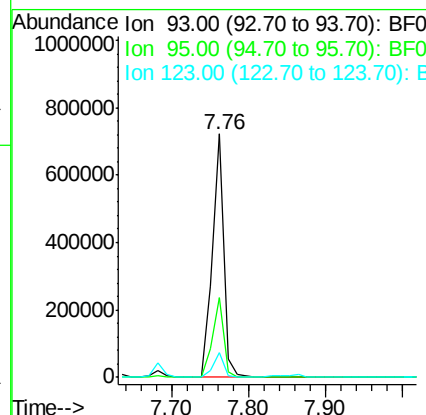
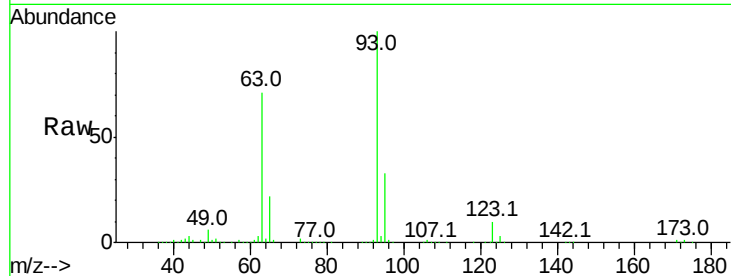




#28
bis(2-Chloroethoxy)methane
Concen: 44.83 ng
RT: 7.76 min Scan# 514
Delta R.T. -0.01 min
Lab File: BF093667.D
Acq: 15 Mar 2017 14:57

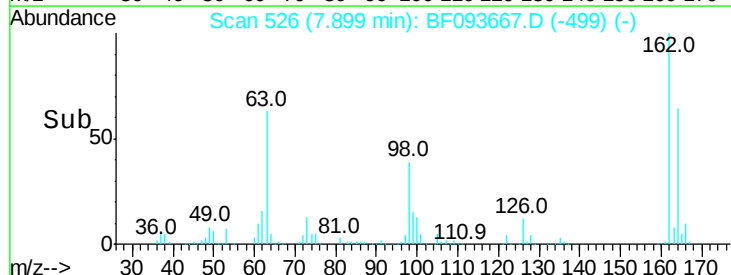
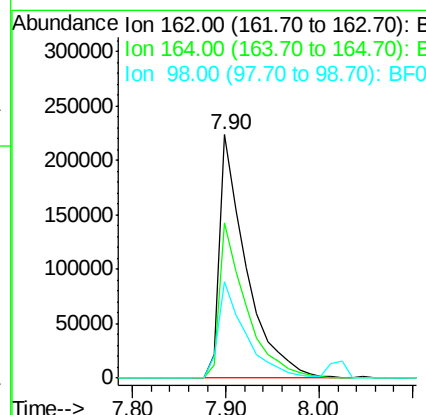
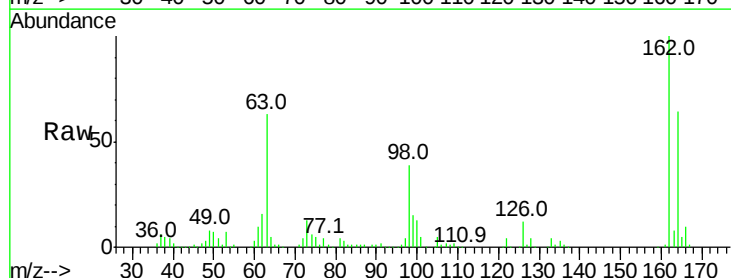
Instrument :
BNA_F
ClientSampleId :
PB97589BS

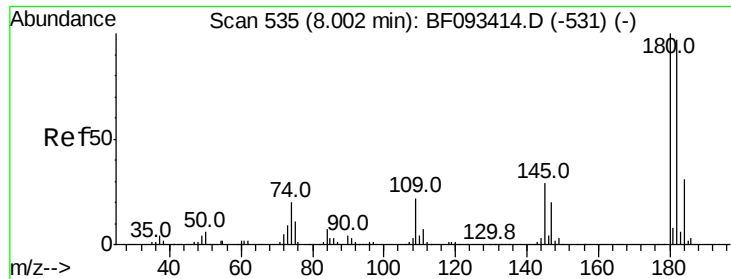
Tot Ion: 93 Resp: 732021
Ion Ratio Lower Upper
93 100
95 32.6 26.5 39.7
123 10.2 8.6 13.0



#29
2,4-Dichlorophenol
Concen: 44.04 ng
RT: 7.90 min Scan# 526
Delta R.T. 0.01 min
Lab File: BF093667.D
Acq: 15 Mar 2017 14:57

Tgt Ion: 162 Resp: 443330
Ion Ratio Lower Upper
162 100
164 63.6 46.8 86.8
98 39.5 9.1 49.1

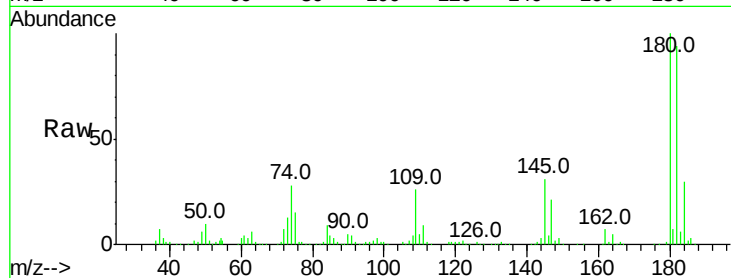




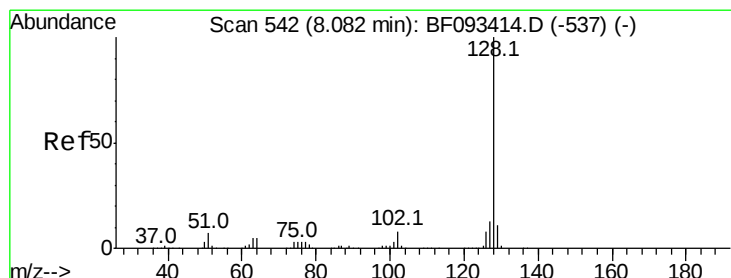
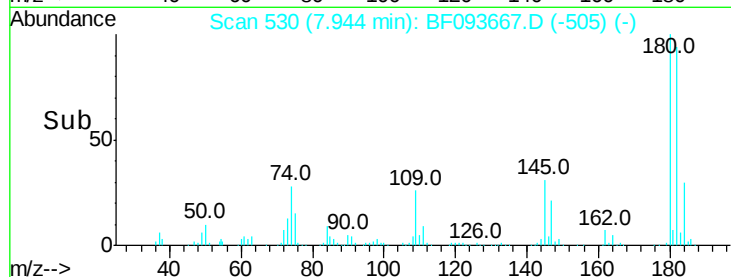
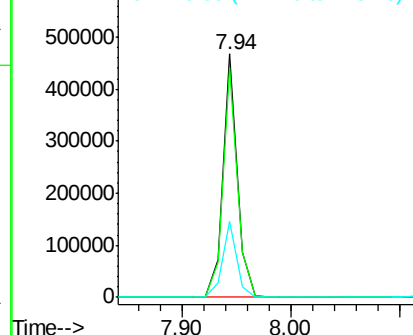
#30
 1,2,4-Trichlorobenzene
 Concen: 40.58 ng
 RT: 7.94 min Scan# 530
 Delta R.T. -0.01 min
 Lab File: BF093667.D
 Acq: 15 Mar 2017 14:57

Instrument :
 BNA_F
 ClientSampleId :
 PB97589BS

Tot Ion:180 Resp: 434423
 Ion Ratio Lower Upper
 180 100
 182 94.3 78.2 117.4
 145 31.0 21.6 32.4

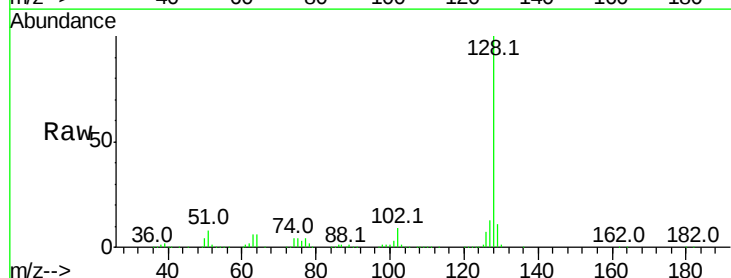


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

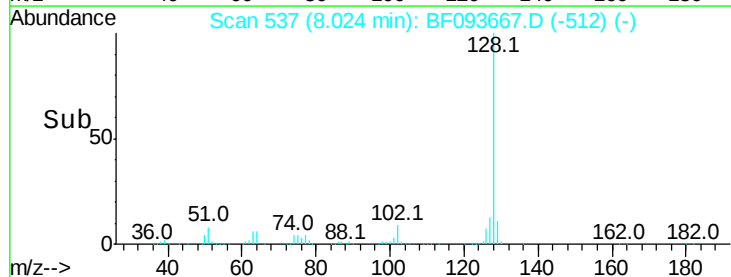
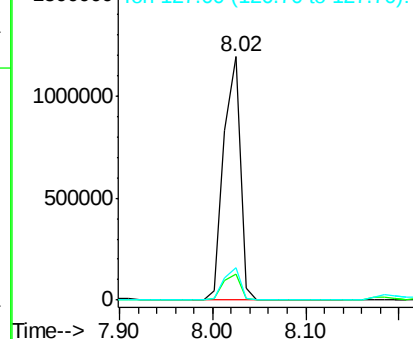


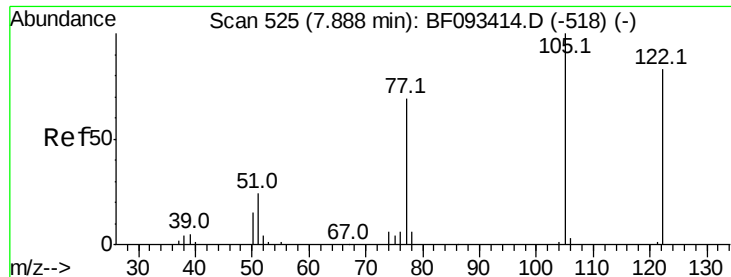
#31
 Naphthalene
 Concen: 41.15 ng
 RT: 8.02 min Scan# 537
 Delta R.T. -0.01 min
 Lab File: BF093667.D
 Acq: 15 Mar 2017 14:57

Tgt Ion:128 Resp: 1467577
 Ion Ratio Lower Upper
 128 100
 129 10.8 9.5 14.3
 127 13.4 10.8 16.2



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: 44.13 ng

RT: 7.86 min Scan# 523

Delta R.T. 0.01 min

Lab File: BF093667.D

Acq: 15 Mar 2017 14:57

Instrument :

BNA_F

ClientSampleId :

PB97589BS

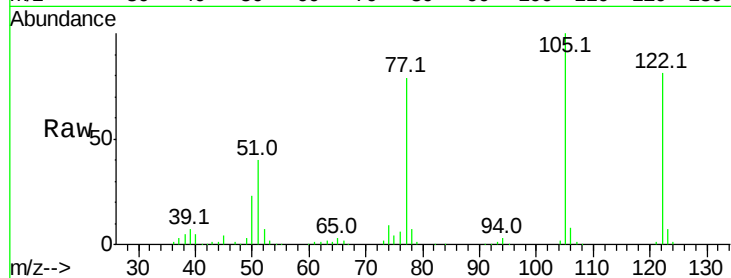
Tot Ion:122 Resp: 245371

Ion Ratio Lower Upper

122 100

105 123.6 107.2 147.2

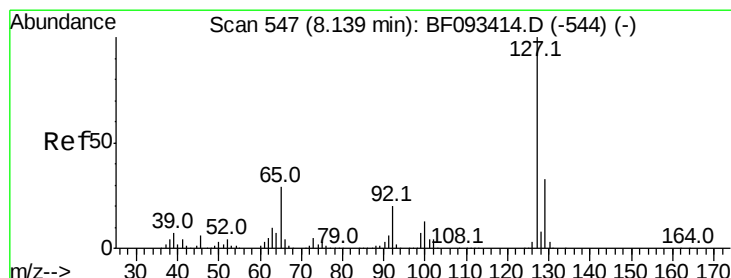
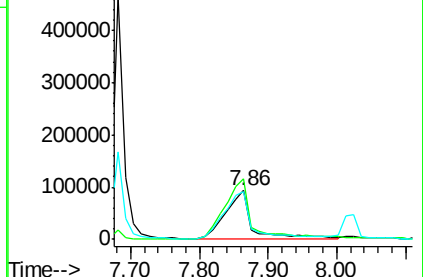
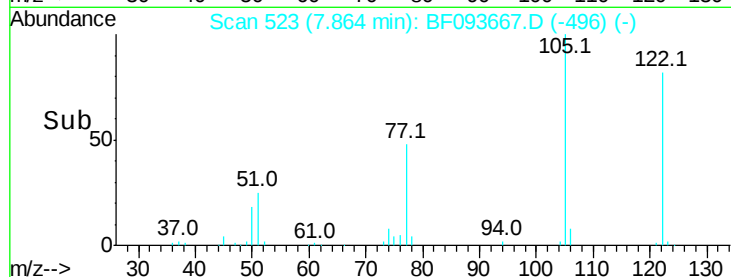
77 97.0 74.5 114.5



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: 7.90 ng m

RT: 8.18 min Scan# 551

Delta R.T. 0.09 min

Lab File: BF093667.D

Acq: 15 Mar 2017 14:57

Tgt Ion:127 Resp: 114347

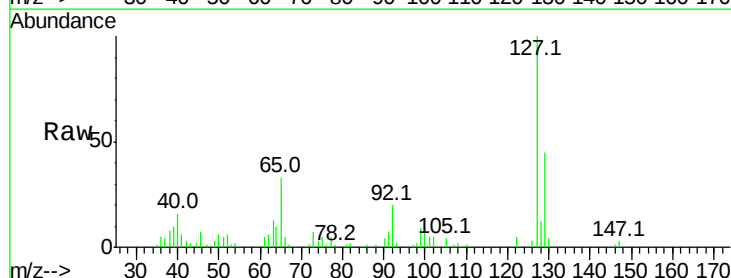
Ion Ratio Lower Upper

127 100

129 44.8 26.3 39.5#

65 33.2 25.8 38.8

92 20.4 16.1 24.1

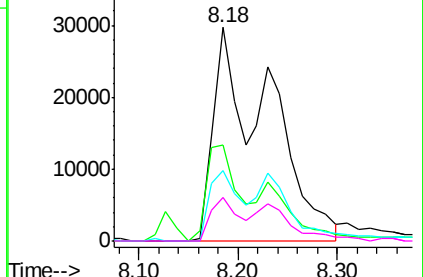
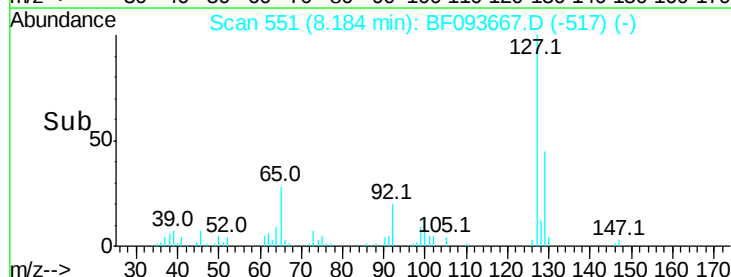


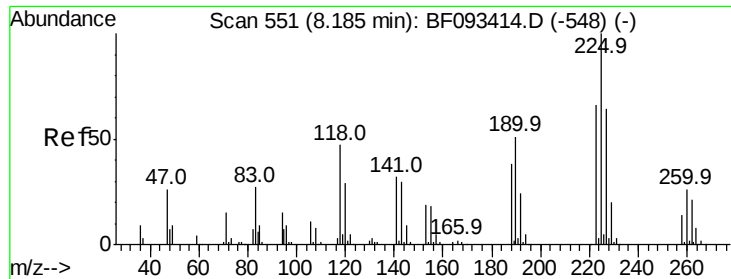
Abundance Ion 127.00 (126.70 to 127.70): E

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

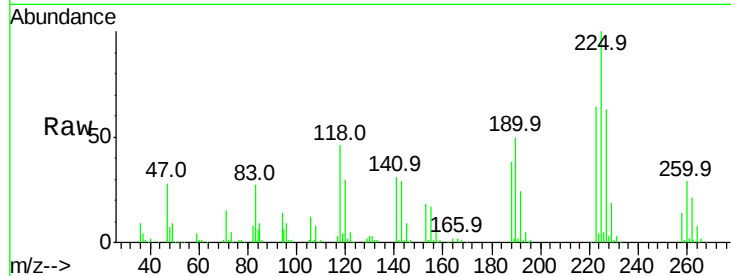




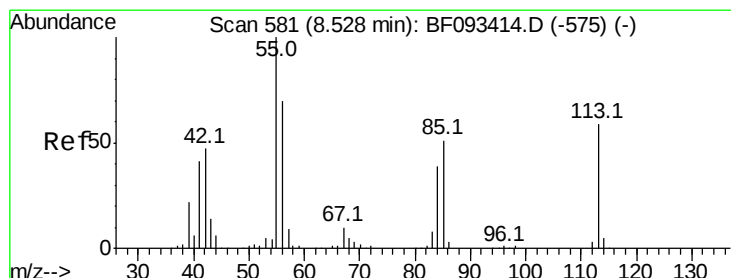
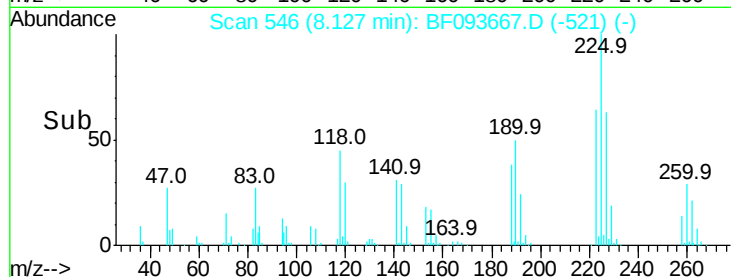
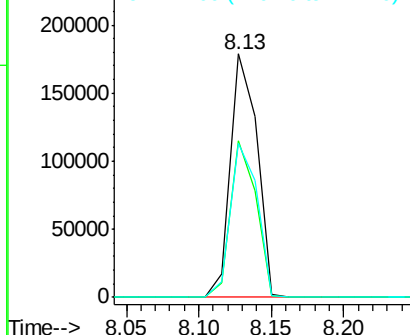
#34
Hexachlorobutadiene
Concen: 41.29 ng
RT: 8.13 min Scan# 546
Delta R.T. -0.01 min
Lab File: BF093667.D
Acq: 15 Mar 2017 14:57

Instrument :
BNA_F
ClientSampleId :
PB97589BS

Tot Ion:225 Resp: 227669
Ion Ratio Lower Upper
225 100
223 64.2 51.0 76.6
227 63.1 50.6 76.0

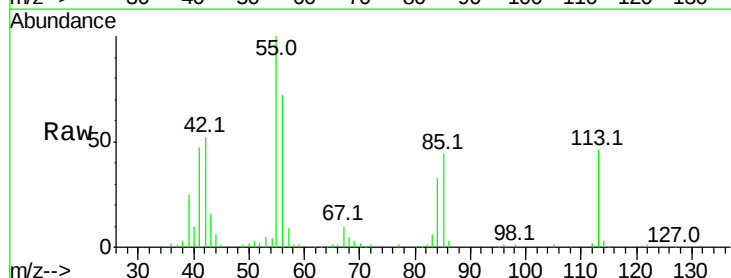


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

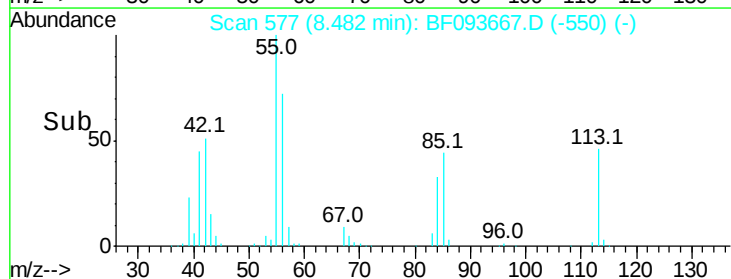
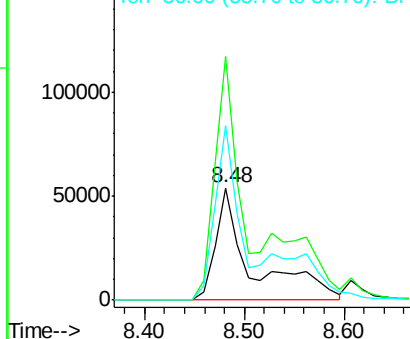


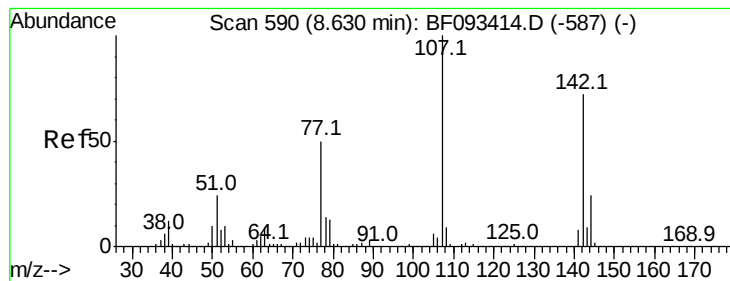
#35
Caprolactam
Concen: 40.20 ng m
RT: 8.48 min Scan# 577
Delta R.T. 0.01 min
Lab File: BF093667.D
Acq: 15 Mar 2017 14:57

Tgt Ion:113 Resp: 138216
Ion Ratio Lower Upper
113 100
55 217.1 119.2 159.2#
56 156.0 83.8 123.8#



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: 39.80 ng

RT: 8.61 min Scan# 588

Delta R.T. 0.01 min

Lab File: BF093667.D

Acq: 15 Mar 2017 14:57

Instrument :

BNA_F

ClientSampleId :

PB97589BS

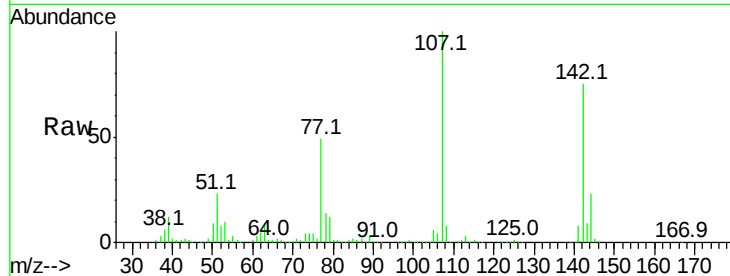
Tot Ion:107 Resp: 427570

Ion Ratio Lower Upper

107 100

144 23.3 19.3 28.9

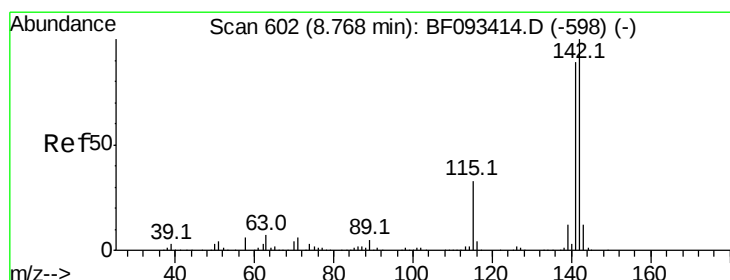
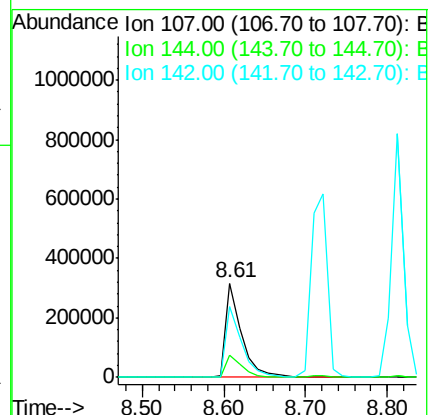
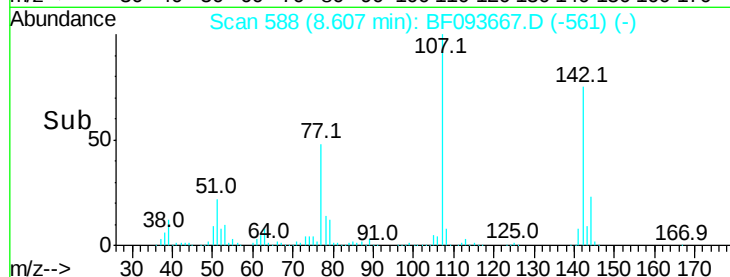
142 75.0 59.0 88.6



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: 37.16 ng

RT: 8.72 min Scan# 598

Delta R.T. -0.00 min

Lab File: BF093667.D

Acq: 15 Mar 2017 14:57

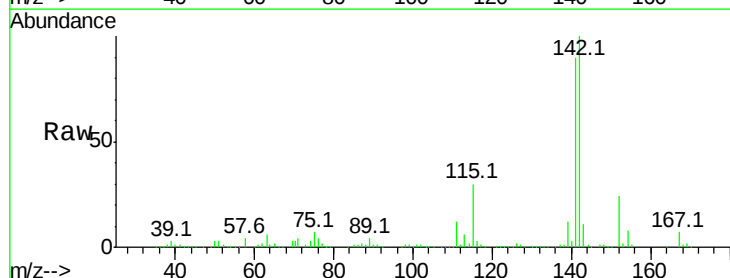
Tgt Ion:142 Resp: 843351

Ion Ratio Lower Upper

142 100

141 90.3 71.0 106.6

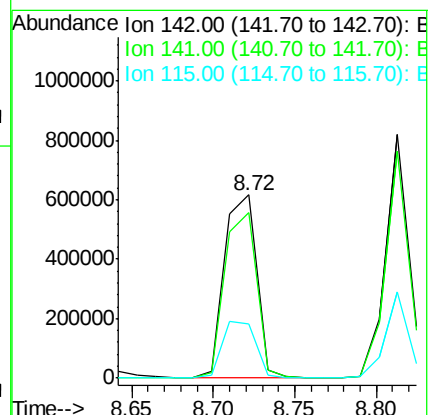
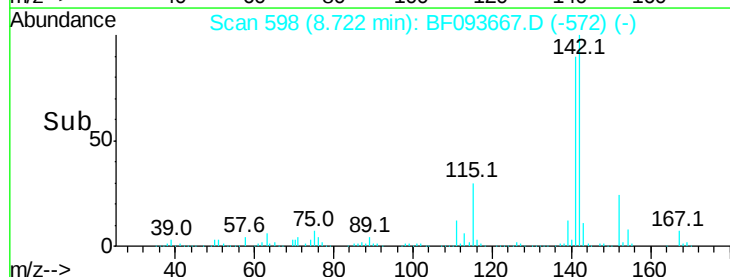
115 29.5 28.3 42.5

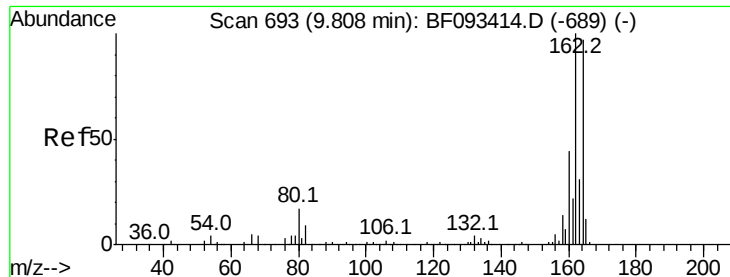


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.76 min Scan# 689

Delta R.T. -0.00 min

Lab File: BF093667.D

Acq: 15 Mar 2017 14:57

Instrument :

BNA_F

ClientSampleId :

PB97589BS

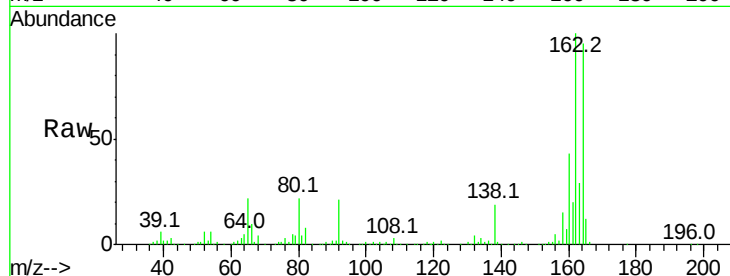
Tot Ion:164 Resp: 301992

Ion Ratio Lower Upper

164 100

162 104.8 80.2 120.2

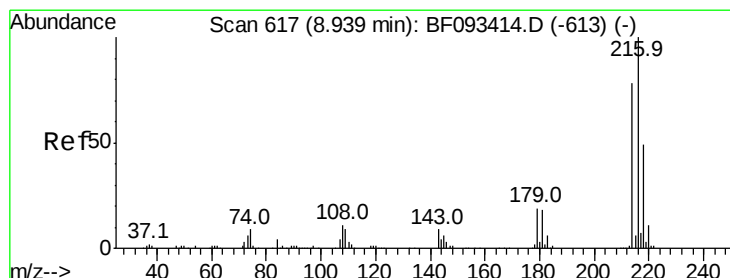
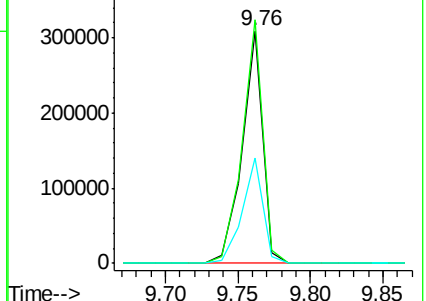
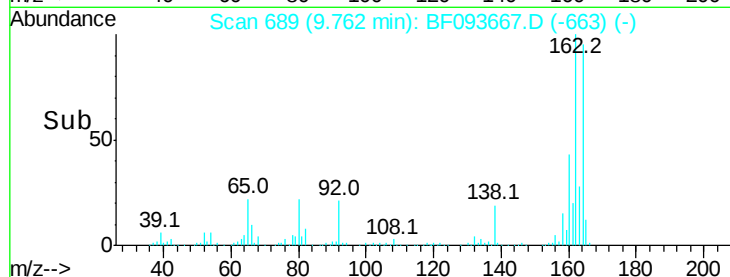
160 45.2 36.9 55.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 48.86 ng

RT: 8.88 min Scan# 612

Delta R.T. -0.01 min

Lab File: BF093667.D

Acq: 15 Mar 2017 14:57

Tgt Ion:216 Resp: 402946

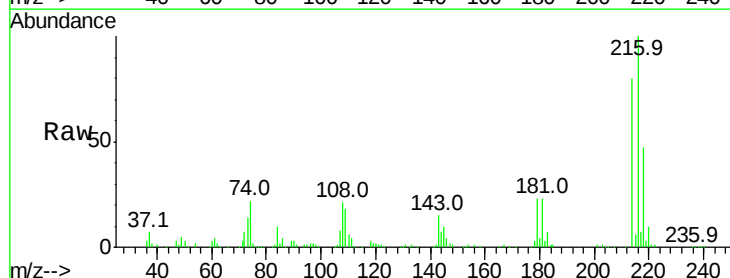
Ion Ratio Lower Upper

216 100

214 78.6 63.4 95.0

179 21.3 17.4 26.2

108 19.6 15.6 23.4

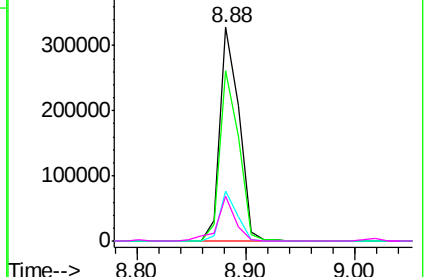
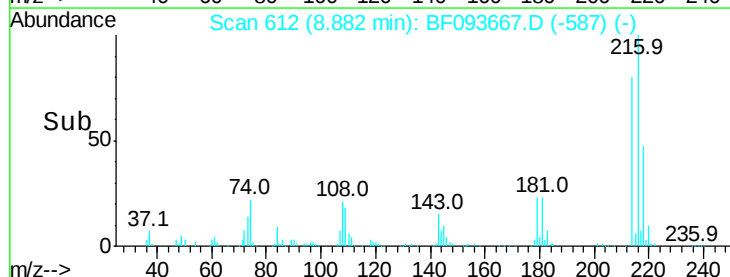


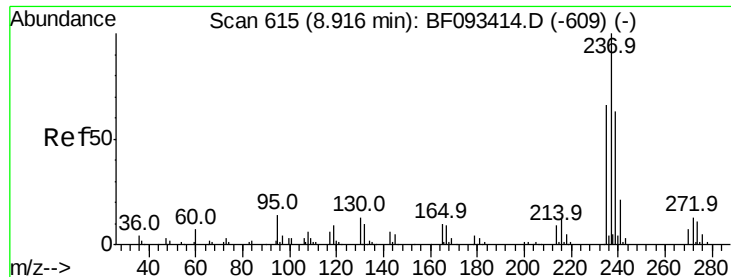
Abundance Ion 216.00 (215.70 to 216.70): E

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

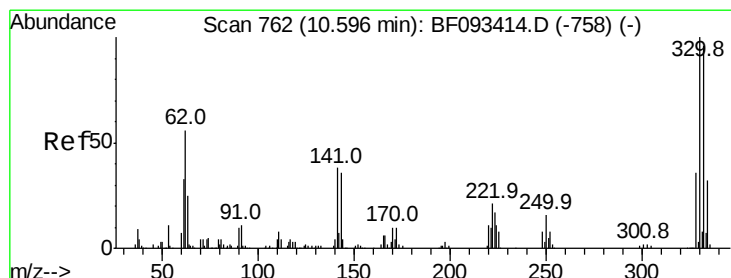
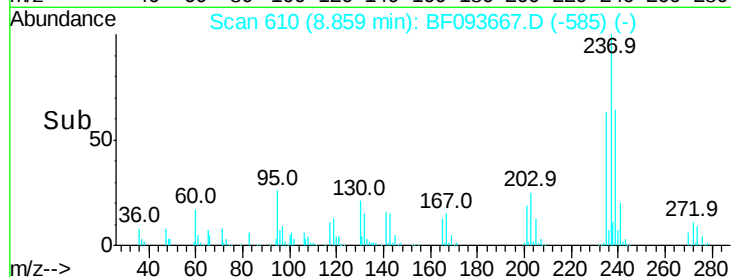
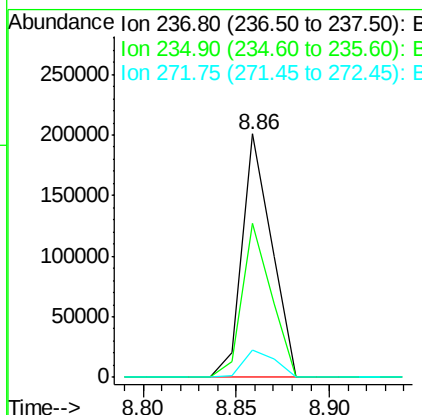
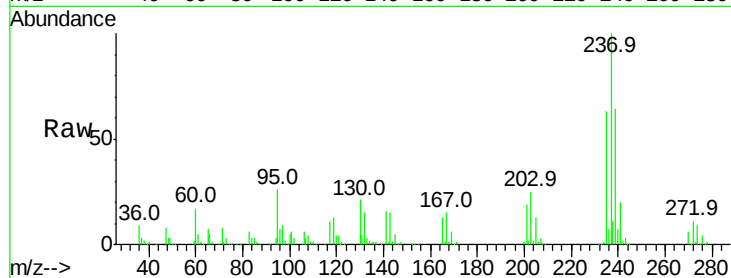




#40
Hexachlorocyclopentadiene
Concen: 102.23 ng
RT: 8.86 min Scan# 610
Delta R.T. -0.01 min
Lab File: BF093667.D
Acq: 15 Mar 2017 14:57

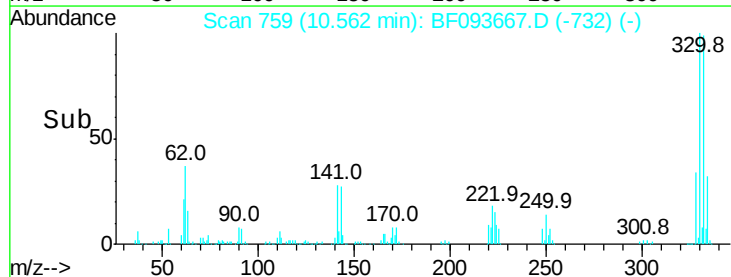
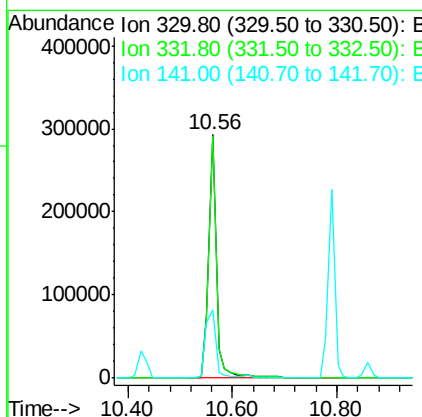
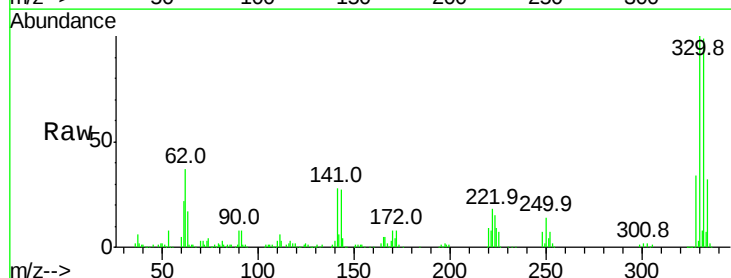
Instrument :
BNA_F
ClientSampleId :
PB97589BS

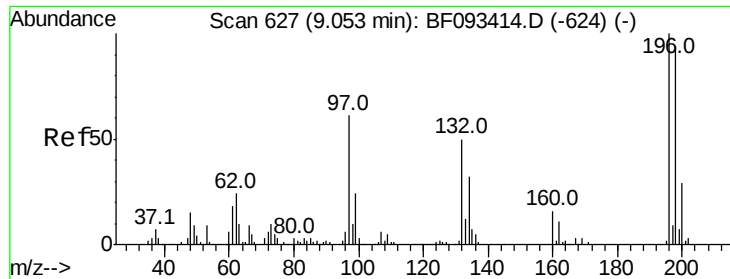
Tot Ion:237 Resp: 220940
Ion Ratio Lower Upper
237 100
235 63.5 41.2 81.2
272 11.0 0.0 35.4



#41
2,4,6-Tribromophenol
Concen: 157.32 ng
RT: 10.56 min Scan# 759
Delta R.T. 0.01 min
Lab File: BF093667.D
Acq: 15 Mar 2017 14:57

Tgt Ion:330 Resp: 309540
Ion Ratio Lower Upper
330 100
332 98.2 77.4 116.2
141 36.7 34.1 51.1





#42

2,4,6-Trichlorophenol

Concen: 50.09 ng

RT: 9.02 min Scan# 624

Delta R.T. -0.00 min

Lab File: BF093667.D

Acq: 15 Mar 2017 14:57

Instrument :

BNA_F

ClientSampled :

PB97589BS

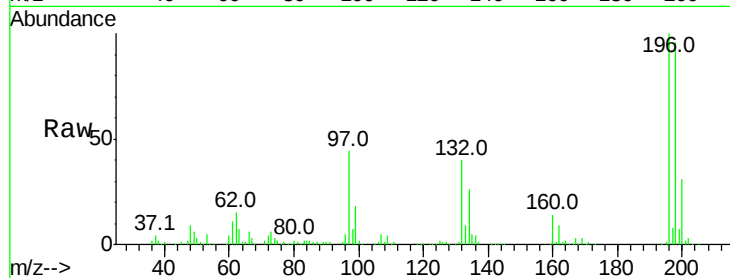
Tot Ion:196 Resp: 258073

Ion Ratio Lower Upper

196 100

198 96.2 82.1 123.1

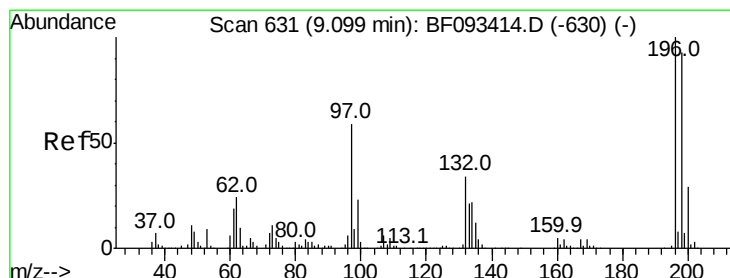
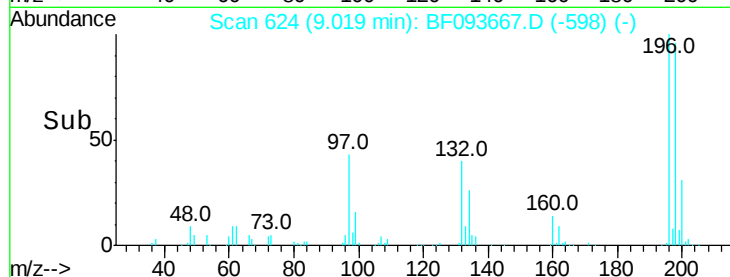
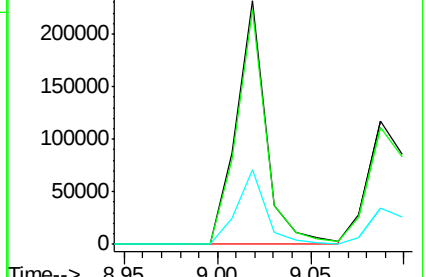
200 30.7 27.0 40.4



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#43

2,4,5-Trichlorophenol

Concen: 43.07 ng

RT: 9.09 min Scan# 630

Delta R.T. 0.02 min

Lab File: BF093667.D

Acq: 15 Mar 2017 14:57

Tgt Ion:196 Resp: 238124

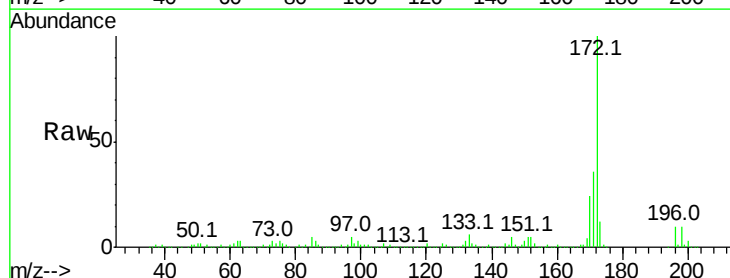
Ion Ratio Lower Upper

196 100

198 94.0 79.4 119.2

97 50.2 51.5 77.3#

132 32.7 27.4 41.2

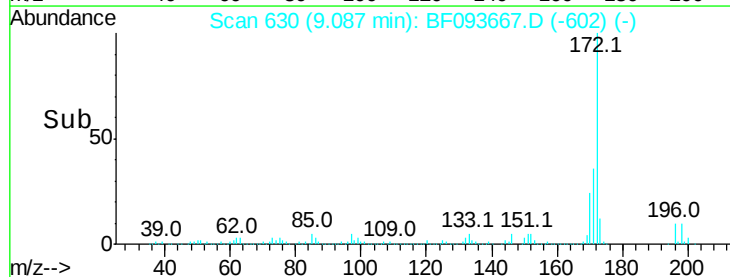
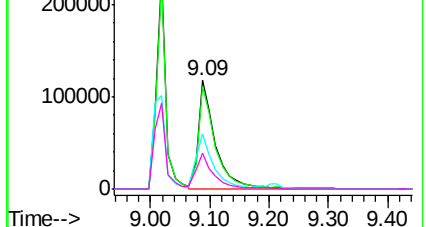


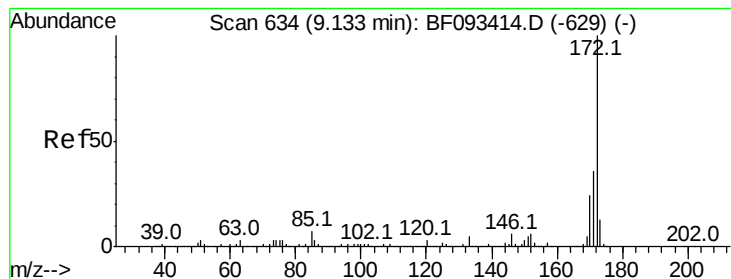
Abundance Ion 196.00 (195.70 to 196.70): E

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: 102.31 ng

RT: 9.09 min Scan# 630

Delta R.T. -0.00 min

Lab File: BF093667.D

Acq: 15 Mar 2017 14:57

Instrument :

BNA_F

ClientSampleId :

PB97589BS

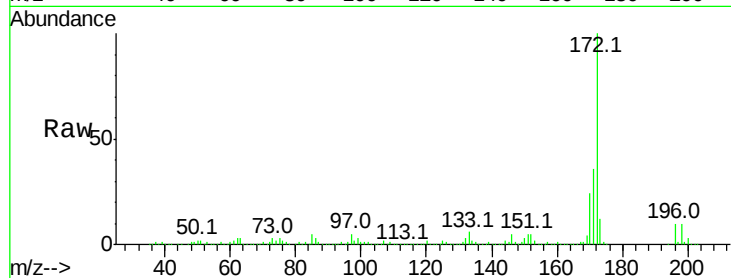
Tot Ion:172 Resp: 1661160

Ion Ratio Lower Upper

172 100

171 35.6 29.4 44.0

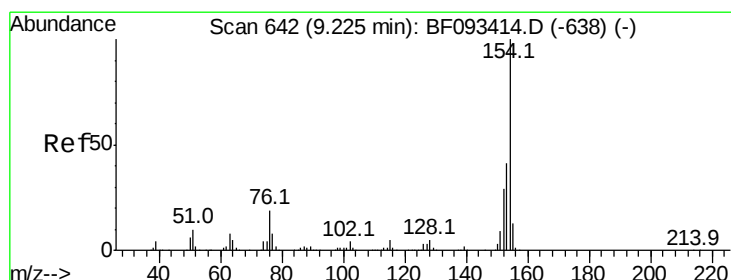
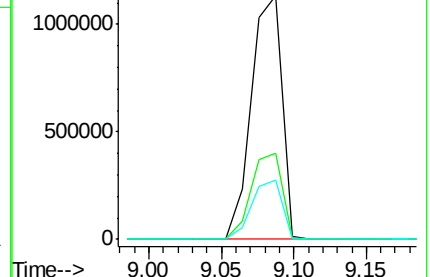
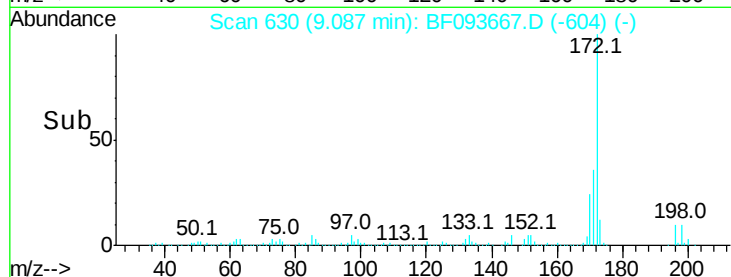
170 24.3 20.2 30.4



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: 46.91 ng

RT: 9.18 min Scan# 638

Delta R.T. -0.01 min

Lab File: BF093667.D

Acq: 15 Mar 2017 14:57

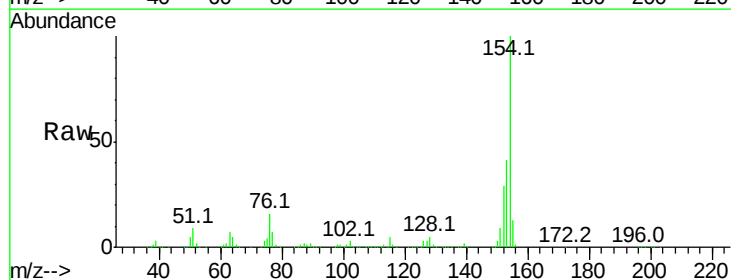
Tgt Ion:154 Resp: 1031961

Ion Ratio Lower Upper

154 100

153 40.6 20.9 60.9

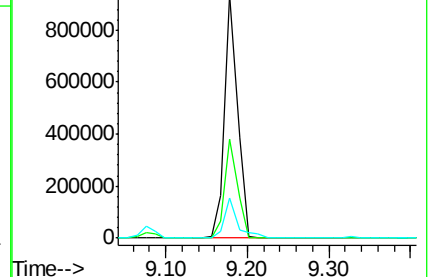
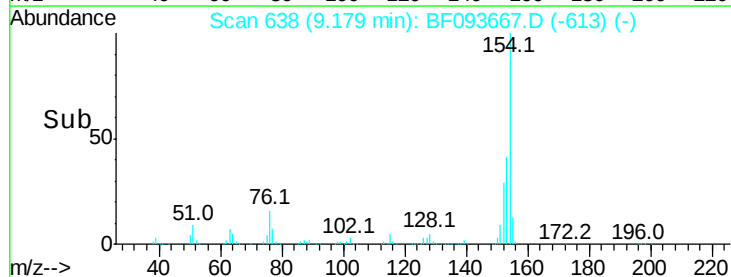
76 16.3 0.0 30.5

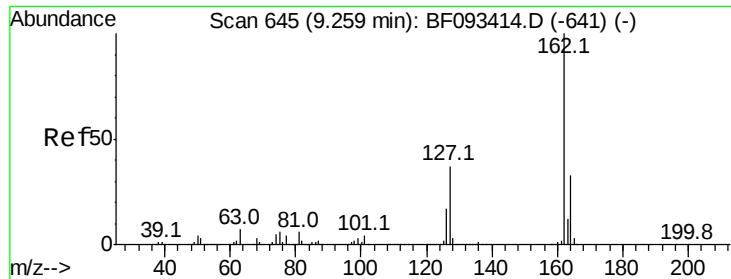


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

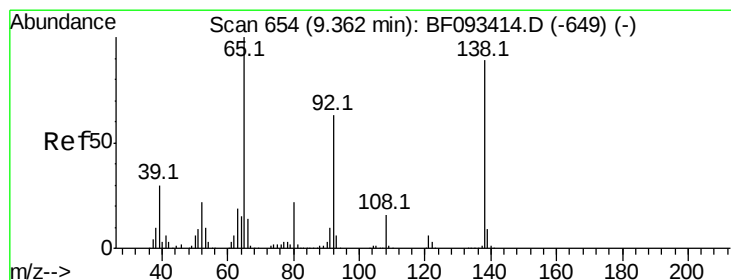
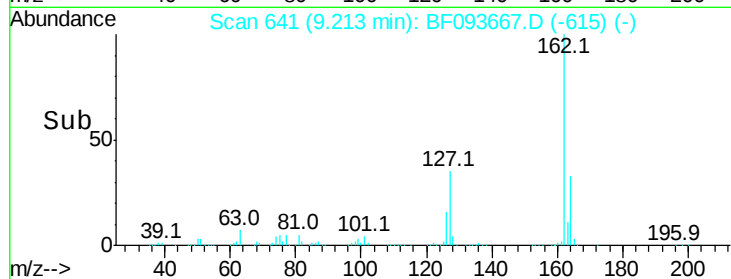
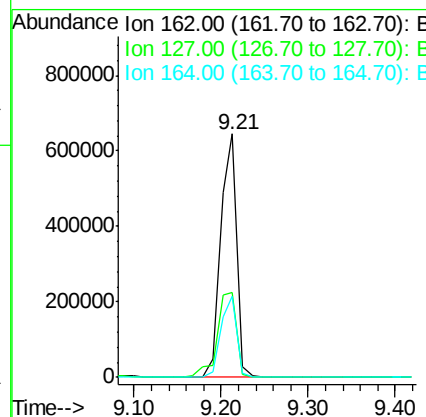
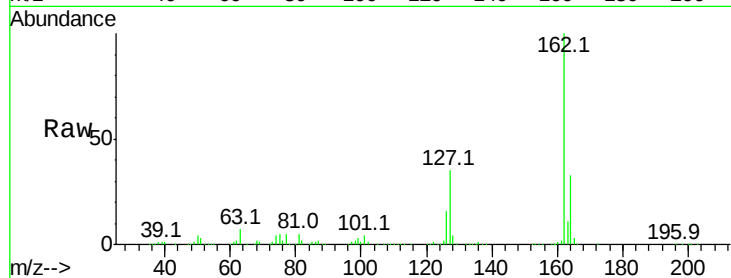




#46
 2-Chloronaphthalene
 Concen: 49.84 ng
 RT: 9.21 min Scan# 641
 Delta R.T. -0.00 min
 Lab File: BF093667.D
 Acq: 15 Mar 2017 14:57

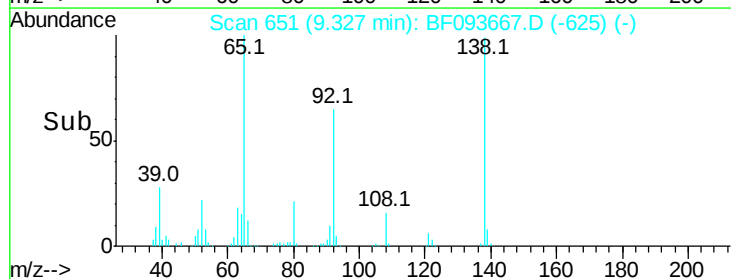
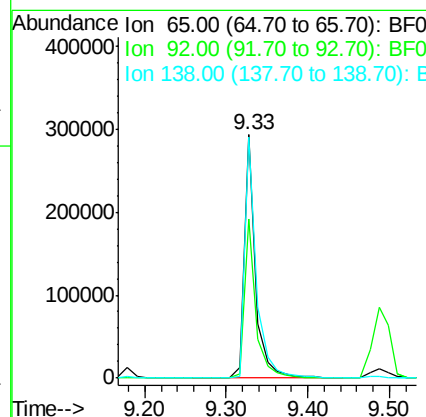
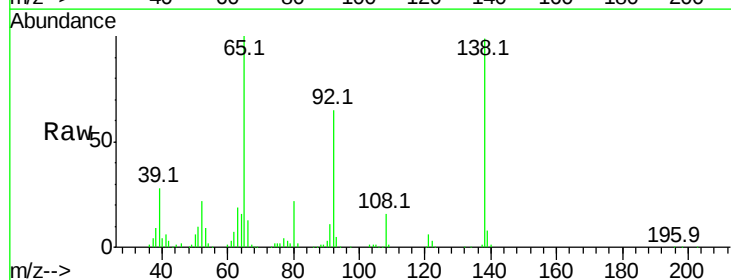
Instrument :
 BNA_F
 ClientSampleId :
 PB97589BS

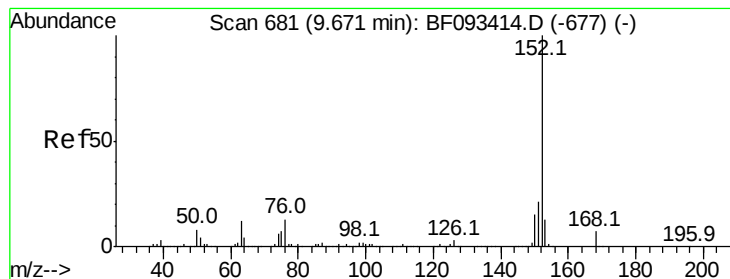
Tot Ion	Ratio	Lower	Upper
162	100		
127	35.1	30.7	46.1
164	33.4	27.6	41.4



#47
 2-Nitroaniline
 Concen: 47.50 ng
 RT: 9.33 min Scan# 651
 Delta R.T. -0.00 min
 Lab File: BF093667.D
 Acq: 15 Mar 2017 14:57

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.3	53.9	80.9
138	99.2	76.8	115.2





#48

Acenaphthylene

Concen: 47.83 ng

RT: 9.62 min Scan# 677

Delta R.T. -0.00 min

Lab File: BF093667.D

Acq: 15 Mar 2017 14:57

Instrument :

BNA_F

ClientSampleId :

PB97589BS

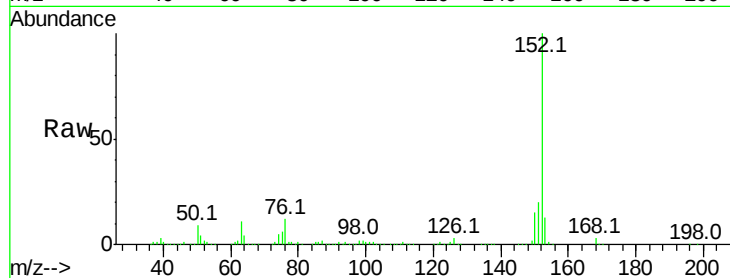
Tot Ion:152 Resp: 1328316

Ion Ratio Lower Upper

152 100

151 20.5 16.9 25.3

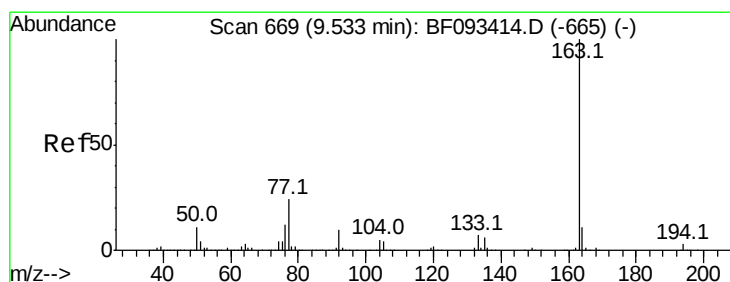
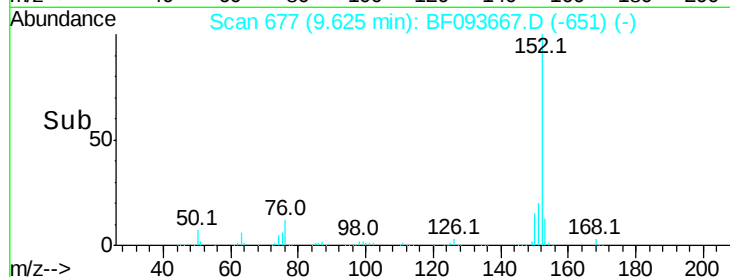
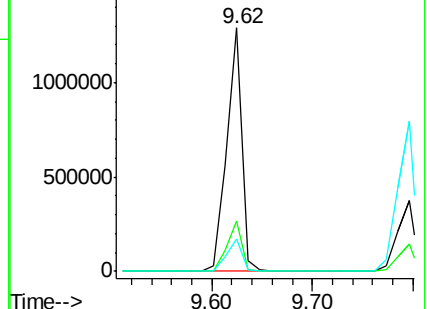
153 13.4 11.4 17.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 50.54 ng

RT: 9.50 min Scan# 666

Delta R.T. -0.00 min

Lab File: BF093667.D

Acq: 15 Mar 2017 14:57

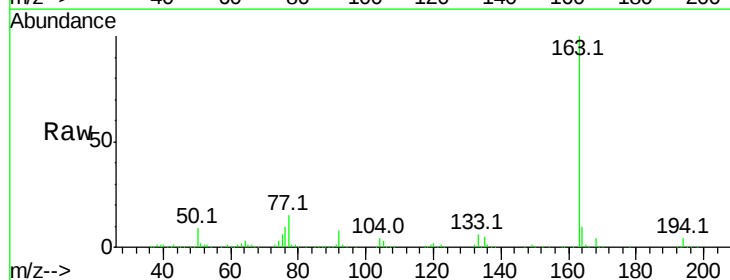
Tgt Ion:163 Resp: 1011832

Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.4

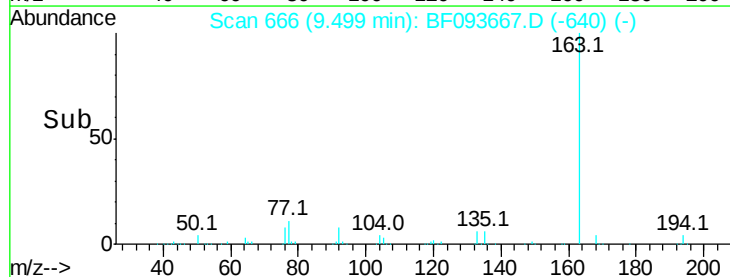
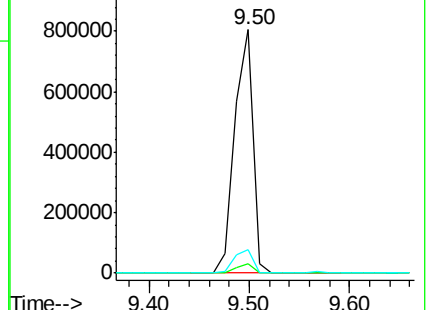
164 9.8 8.0 12.0

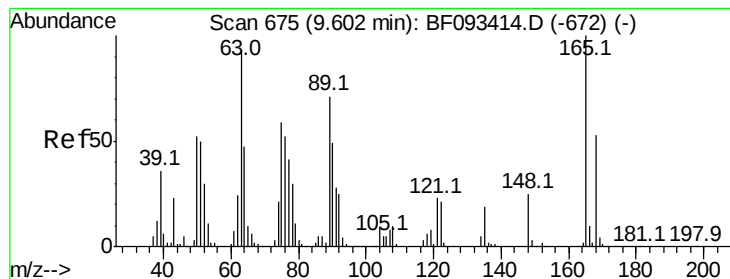


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#50

2,6-Dinitrotoluene

Concen: 51.45 ng

RT: 9.57 min Scan# 672

Delta R.T. -0.00 min

Lab File: BF093667.D

Acq: 15 Mar 2017 14:57

Instrument :

BNA_F

ClientSampleId :

PB97589BS

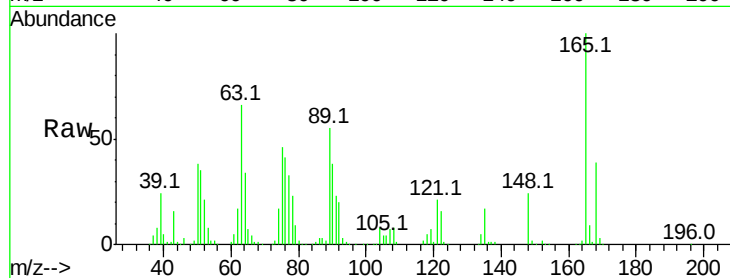
Tot Ion:165 Resp: 226027

Ion Ratio Lower Upper

165 100

63 66.4 36.2 54.4#

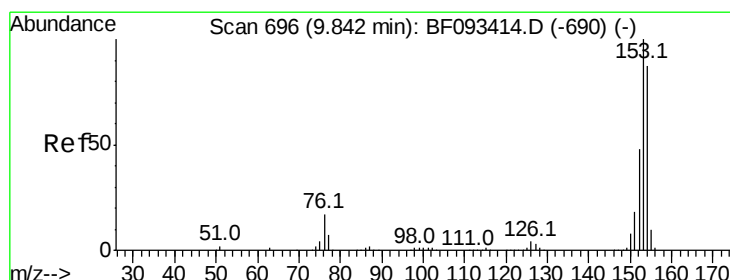
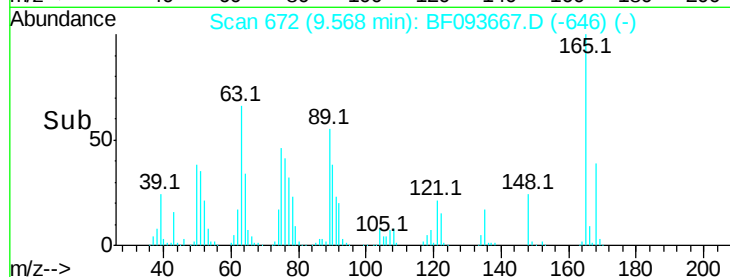
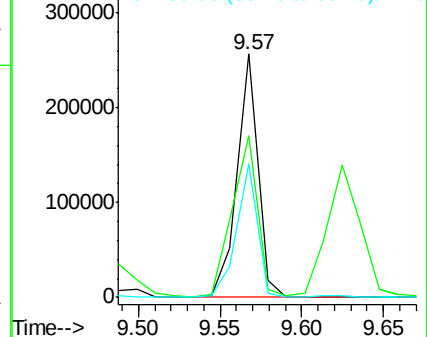
89 54.8 40.2 60.4



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: 48.58 ng

RT: 9.80 min Scan# 692

Delta R.T. -0.00 min

Lab File: BF093667.D

Acq: 15 Mar 2017 14:57

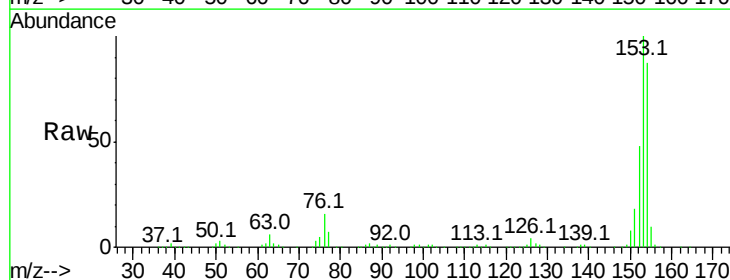
Tgt Ion:154 Resp: 797904

Ion Ratio Lower Upper

154 100

153 115.4 88.6 133.0

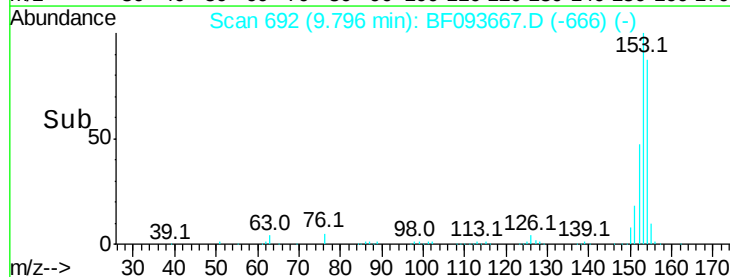
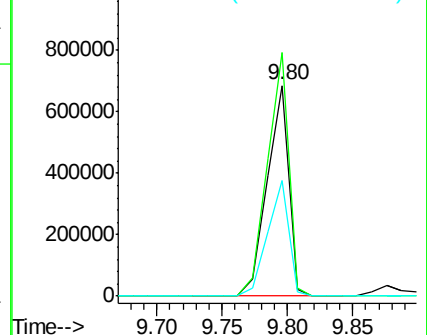
152 54.9 41.6 62.4

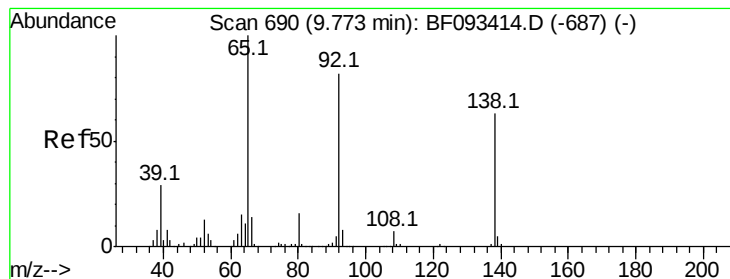


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#52

3-Nitroaniline

Concen: 24.92 ng

RT: 9.75 min Scan# 688

Delta R.T. 0.01 min

Lab File: BF093667.D

Acq: 15 Mar 2017 14:57

Instrument :

BNA_F

ClientSampleId :

PB97589BS

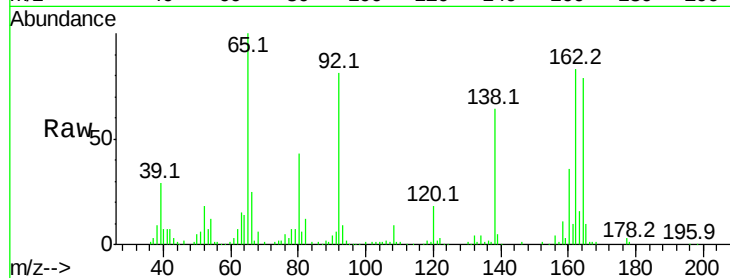
Tot Ion:138 Resp: 131540

Ion Ratio Lower Upper

138 100

108 13.6 8.5 12.7#

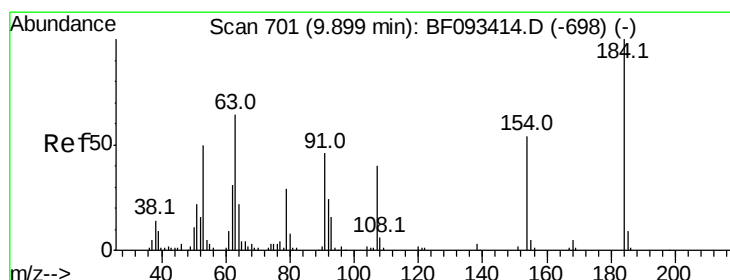
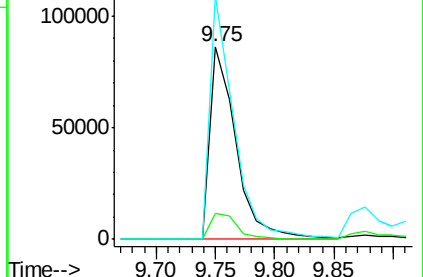
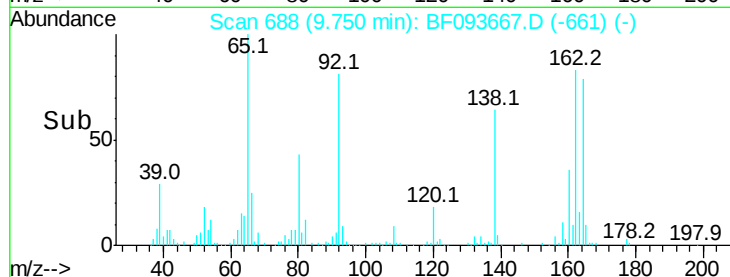
92 126.2 97.8 146.8



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: 68.02 ng

RT: 9.88 min Scan# 699

Delta R.T. 0.01 min

Lab File: BF093667.D

Acq: 15 Mar 2017 14:57

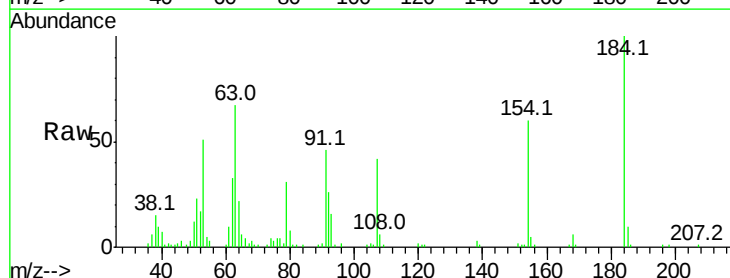
Tgt Ion:184 Resp: 136083

Ion Ratio Lower Upper

184 100

63 66.6 28.4 42.6#

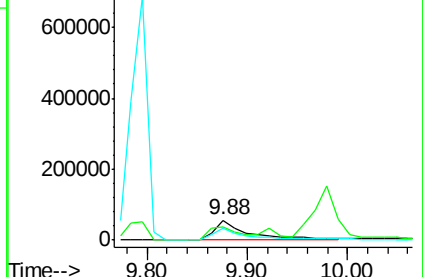
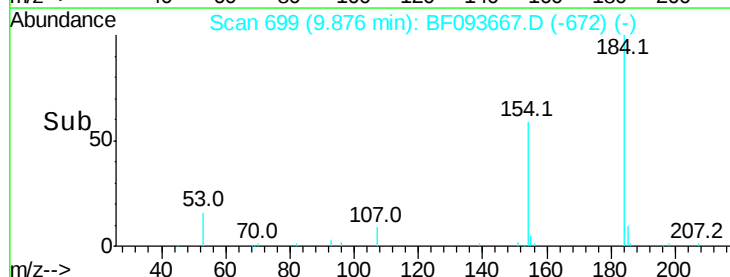
154 59.9 44.3 66.5

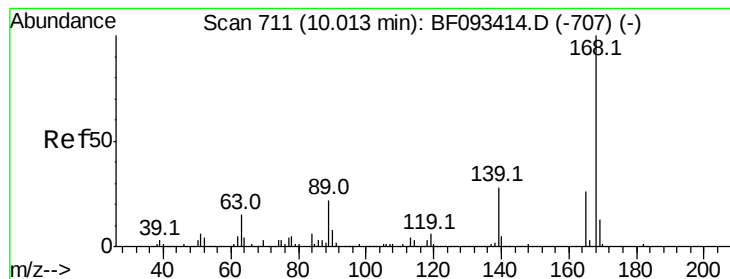


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzofuran

Concen: 55.70 ng

RT: 9.97 min Scan# 707

Delta R.T. -0.00 min

Lab File: BF093667.D

Acq: 15 Mar 2017 14:57

Instrument :

BNA_F

ClientSampleId :

PB97589BS

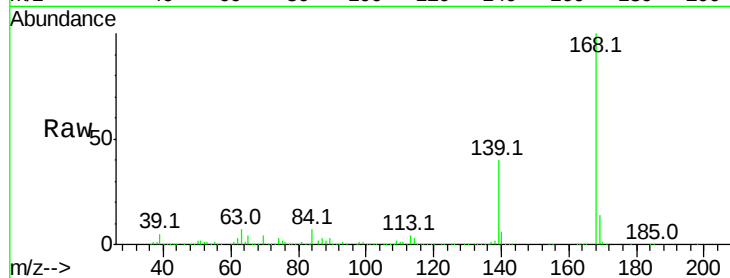
Tot Ion:168 Resp: 1144851

Ion Ratio Lower Upper

168 100

139 40.4 32.6 49.0

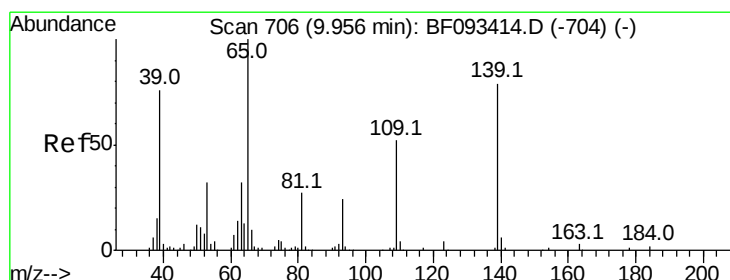
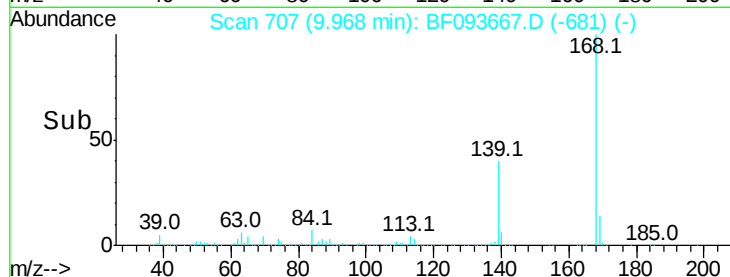
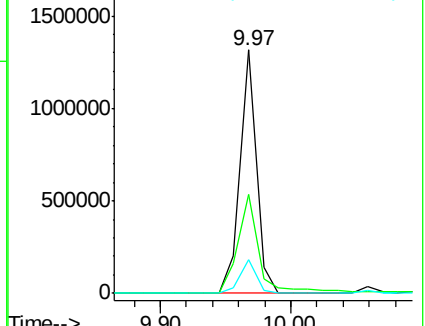
169 13.7 11.3 16.9



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: 43.39 ng m

RT: 9.96 min Scan# 706

Delta R.T. 0.02 min

Lab File: BF093667.D

Acq: 15 Mar 2017 14:57

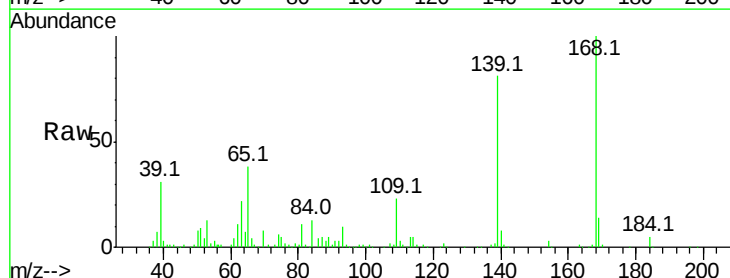
Tgt Ion:139 Resp: 111222

Ion Ratio Lower Upper

139 100

109 28.2 52.2 92.2#

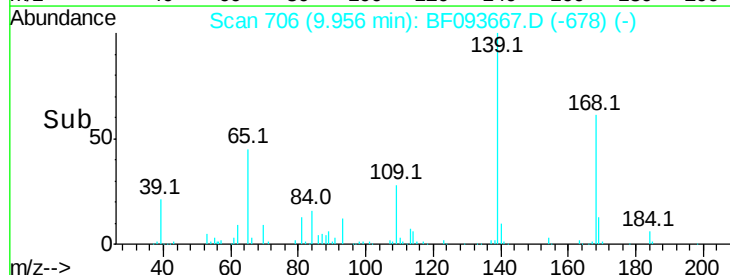
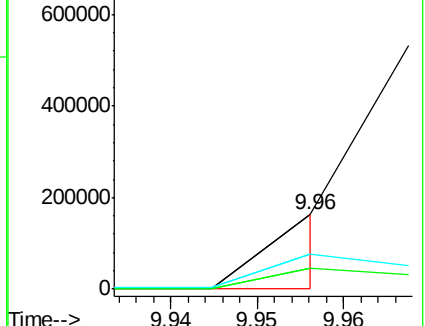
65 47.1 85.8 125.8#

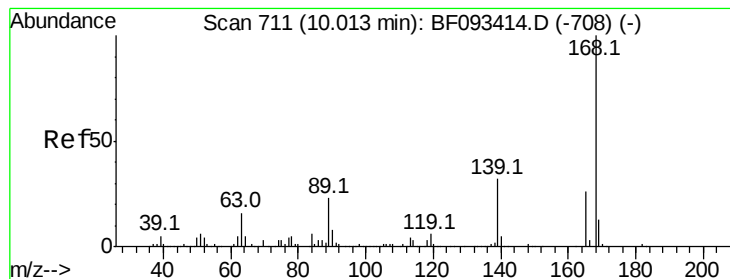


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#56

2,4-Dinitrotoluene

Concen: 54.28 ng

RT: 9.98 min Scan# 708

Delta R.T. -0.00 min

Lab File: BF093667.D

Acq: 15 Mar 2017 14:57

Instrument :

BNA_F

ClientSampleId :

PB97589BS

Tot Ion:165 Resp: 292924

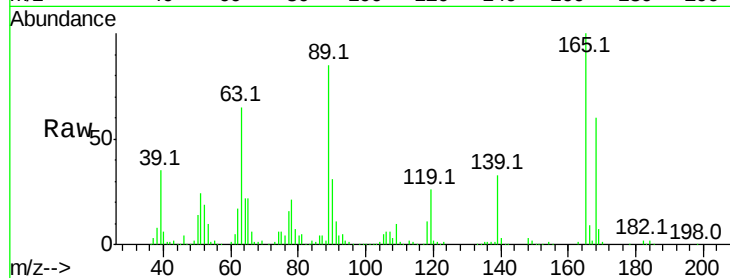
Ion Ratio Lower Upper

165 100

63 65.0 40.2 60.4#

89 85.3 62.5 93.7

182 2.3 1.8 2.8

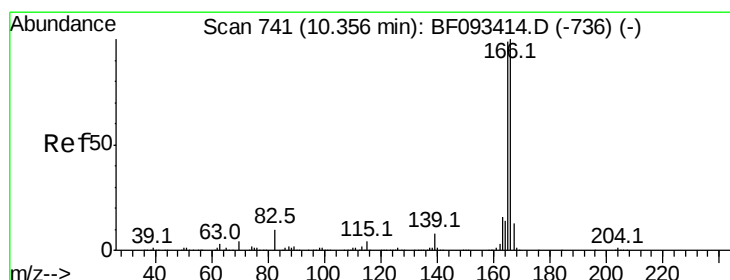
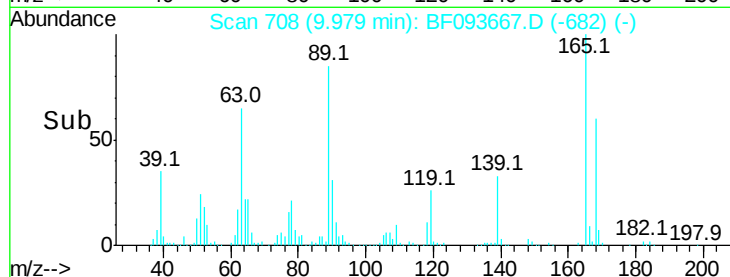
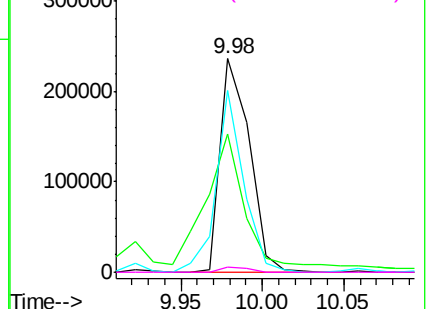


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57

Fluorene

Concen: 49.53 ng

RT: 10.31 min Scan# 737

Delta R.T. -0.00 min

Lab File: BF093667.D

Acq: 15 Mar 2017 14:57

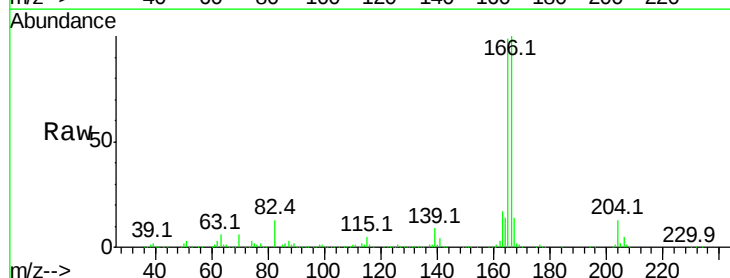
Tgt Ion:166 Resp: 862730

Ion Ratio Lower Upper

166 100

165 99.1 77.8 116.8

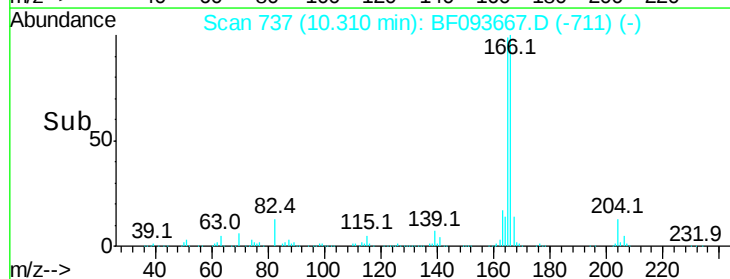
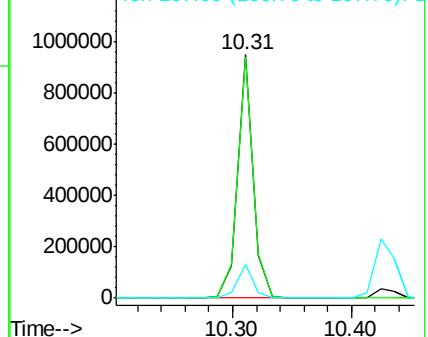
167 13.6 10.8 16.2

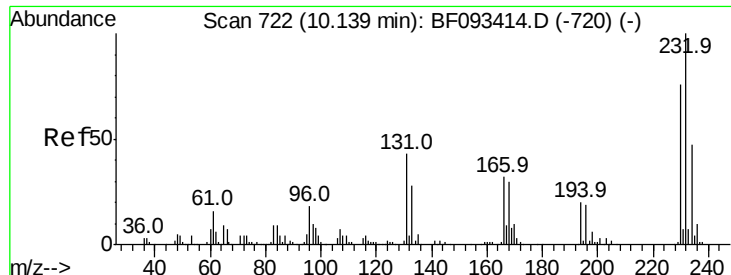


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

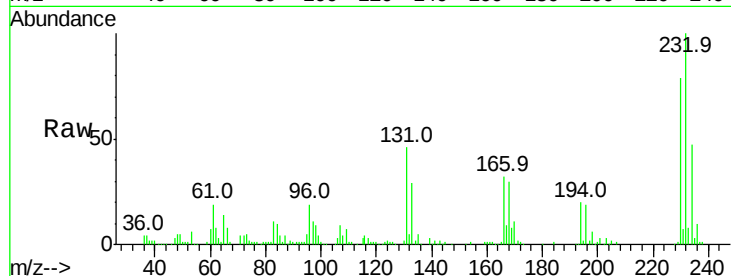




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 51.90 ng/ml
 RT: 10.10 min Scan# 719
 Delta R.T. 0.01 min
 Lab File: BF093667.D
 Acq: 15 Mar 2017 14:57

Instrument :
 BNA_F
 ClientSampleID :
 PB97589BS

Tot Ion:	232	Resp:	202500
Ion	Ratio	Lower	Upper
232	100		
131	32.1	40.1	60.1#
130	1.8	1.8	2.8#
166	20.3	26.6	39.8#

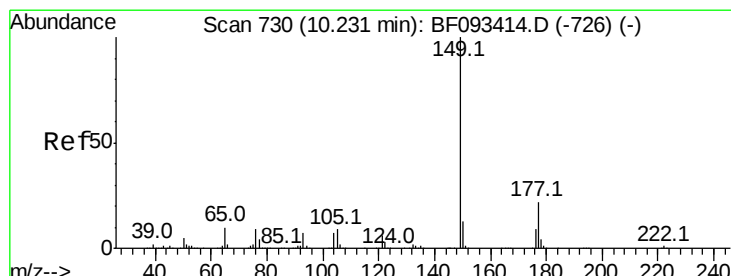
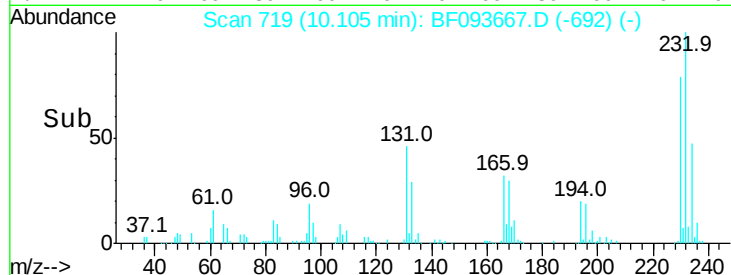
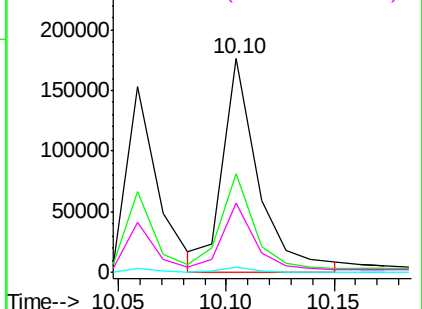


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

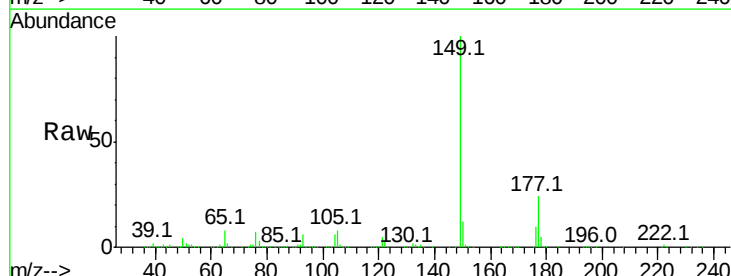
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#59
 Diethylphthalate
 Concen: 52.13 ng
 RT: 10.20 min Scan# 727
 Delta R.T. 0.01 min
 Lab File: BF093667.D
 Acq: 15 Mar 2017 14:57

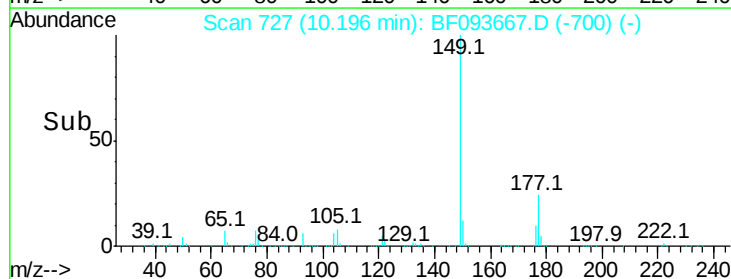
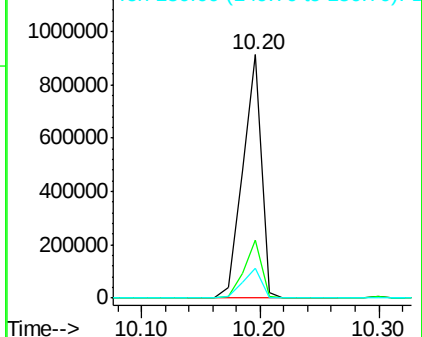
Tgt Ion:	149	Resp:	997407
Ion	Ratio	Lower	Upper
149	100		
177	23.9	16.6	25.0
150	12.5	10.4	15.6

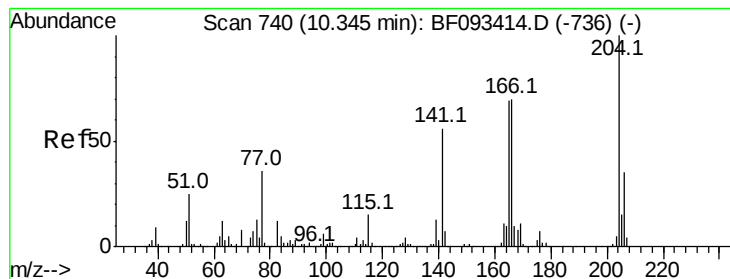


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#60

4-Chlorophenyl-phenylether

Concen: 50.67 ng

RT: 10.30 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF093667.D

Acq: 15 Mar 2017 14:57

Instrument :

BNA_F

ClientSampleId :

PB97589BS

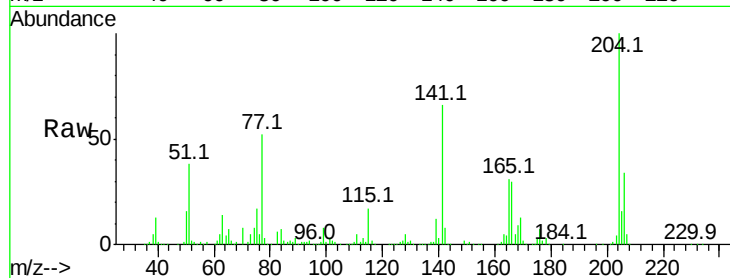
Tot Ion:204 Resp: 395580

Ion Ratio Lower Upper

204 100

206 34.5 25.8 38.6

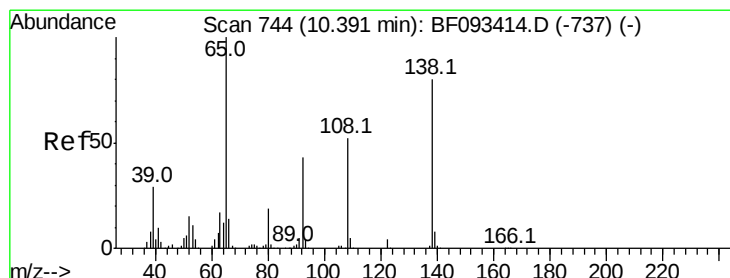
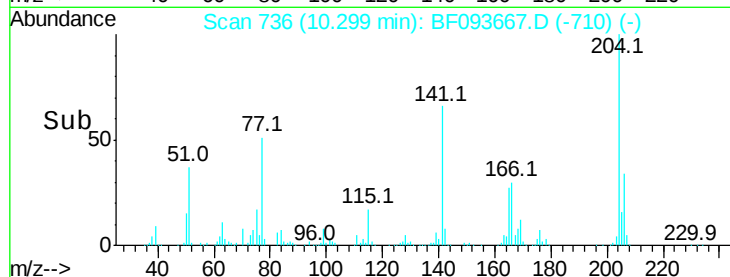
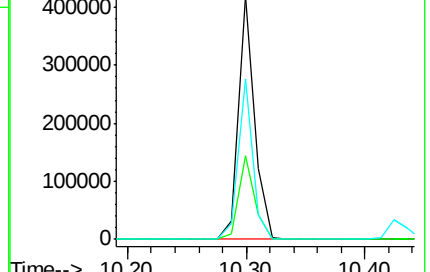
141 65.7 59.4 89.0



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: 38.44 ng

RT: 10.37 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF093667.D

Acq: 15 Mar 2017 14:57

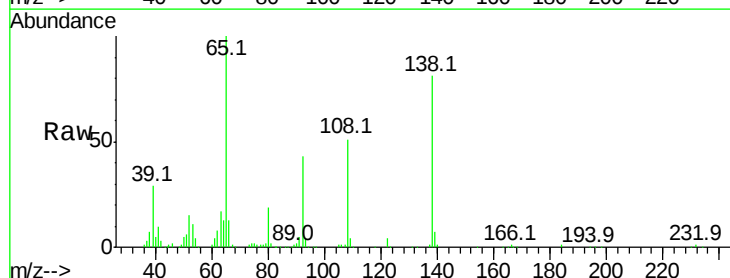
Tgt Ion:138 Resp: 207465

Ion Ratio Lower Upper

138 100

92 52.9 31.7 71.7

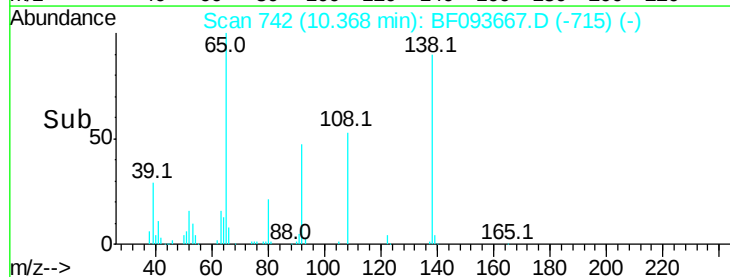
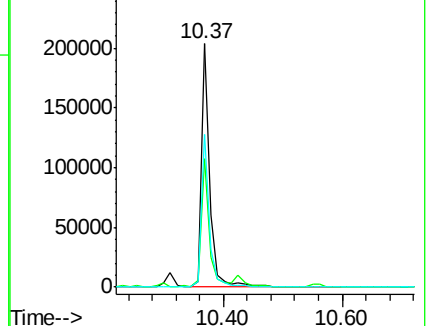
108 62.6 52.6 92.6

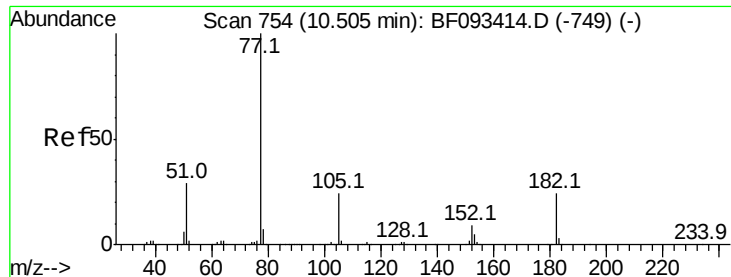


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 48.54 ng

RT: 10.46 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF093667.D

Acq: 15 Mar 2017 14:57

Instrument :

BNA_F

ClientSampleId :

PB97589BS

Tot Ion: 77 Resp: 1055443

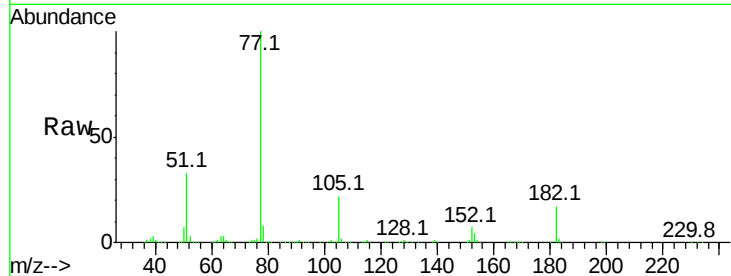
Ion Ratio Lower Upper

77 100

182 17.0 0.0 39.3

105 22.4 2.3 42.3

51 33.4 8.9 48.9

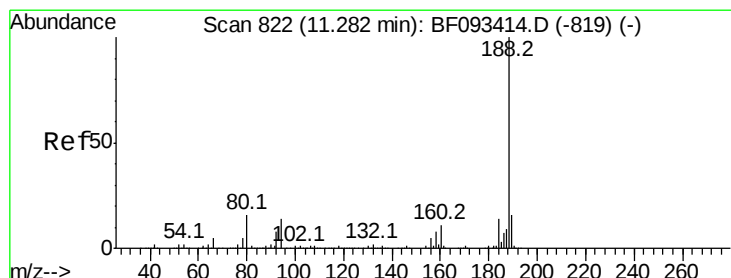
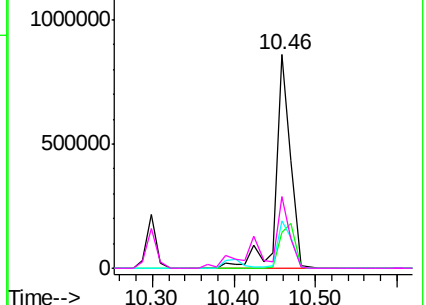
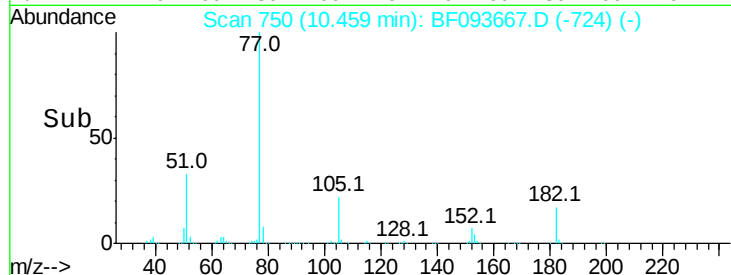


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.25 min Scan# 819

Delta R.T. -0.00 min

Lab File: BF093667.D

Acq: 15 Mar 2017 14:57

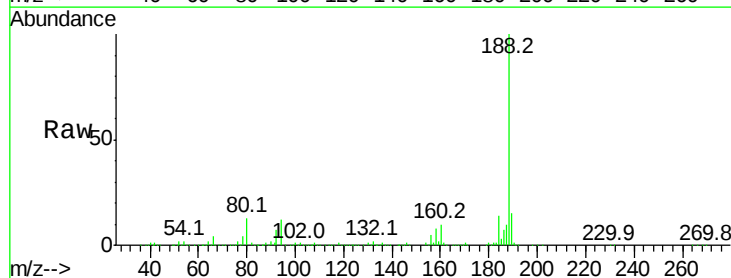
Tgt Ion:188 Resp: 565510

Ion Ratio Lower Upper

188 100

94 12.4 10.0 15.0

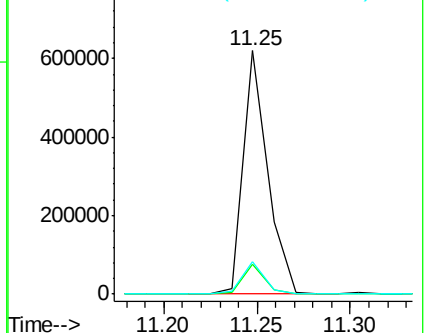
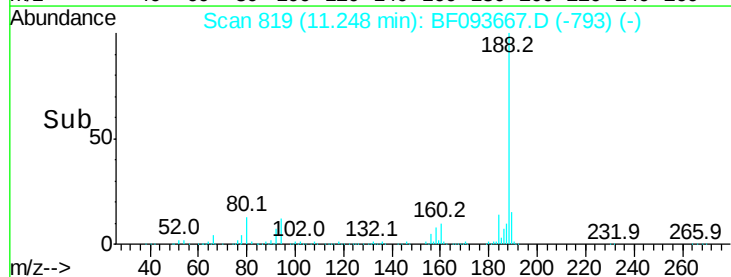
80 13.1 11.2 16.8

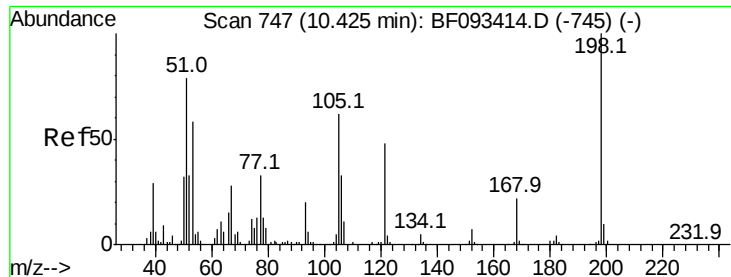


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

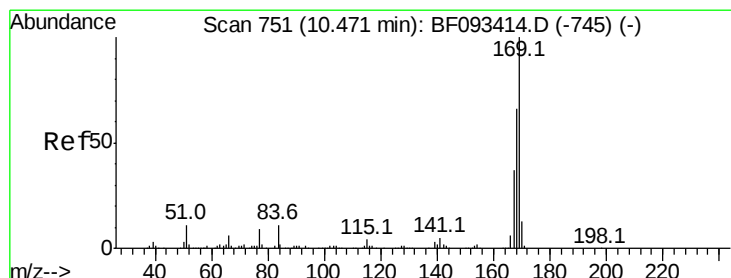
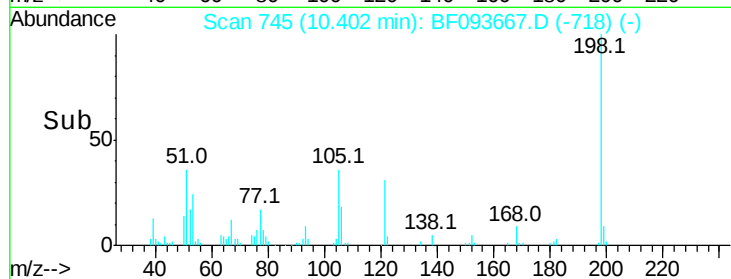
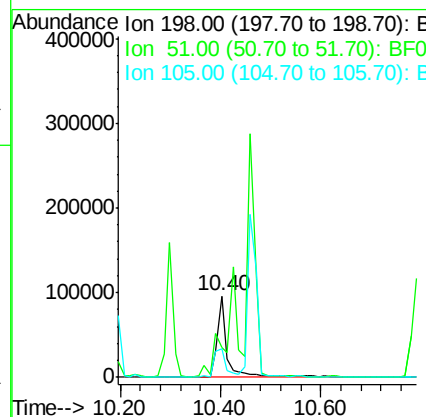
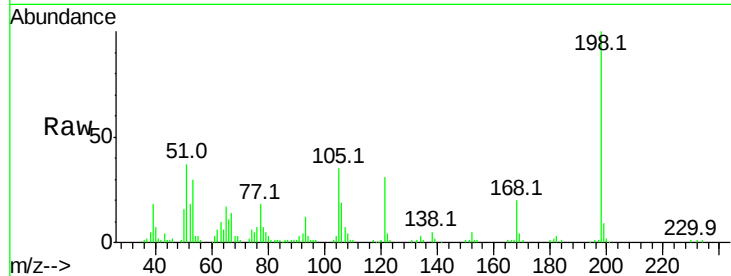




#64
 4,6-Dinitro-2-methylphenol
 Concen: 37.48 ng
 RT: 10.40 min Scan# 745
 Delta R.T. 0.01 min
 Lab File: BF093667.D
 Acq: 15 Mar 2017 14:57

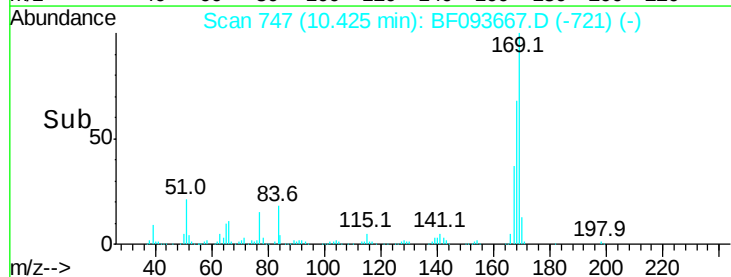
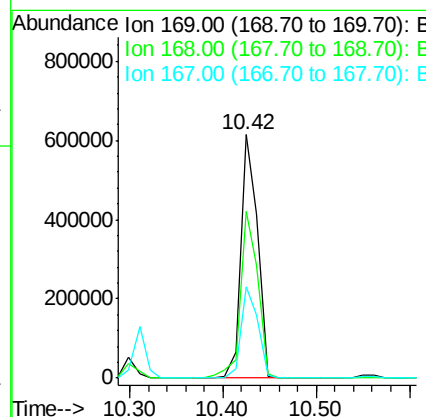
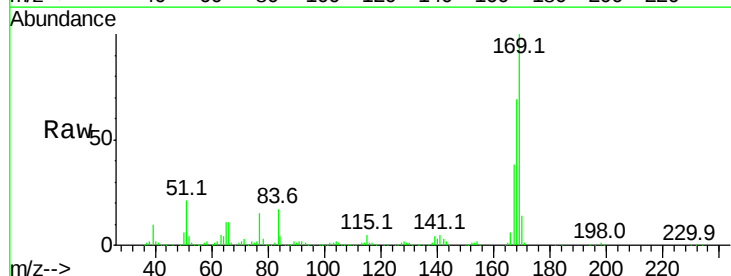
Instrument :
 BNA_F
 ClientSampleId :
 PB97589BS

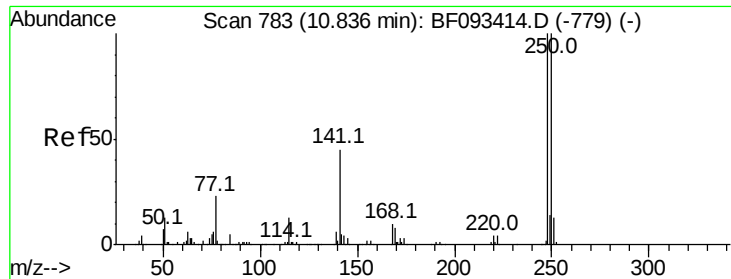
Tot Ion:198 Resp: 137311
 Ion Ratio Lower Upper
 198 100
 51 37.3 6.7 46.7
 105 35.1 16.6 56.6



#65
 n-Nitrosodiphenylamine
 Concen: 40.39 ng
 RT: 10.42 min Scan# 747
 Delta R.T. -0.00 min
 Lab File: BF093667.D
 Acq: 15 Mar 2017 14:57

Tgt Ion:169 Resp: 762608
 Ion Ratio Lower Upper
 169 100
 168 68.7 54.2 81.2
 167 37.6 30.2 45.4

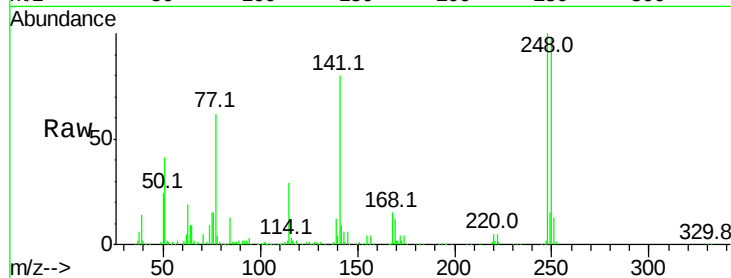




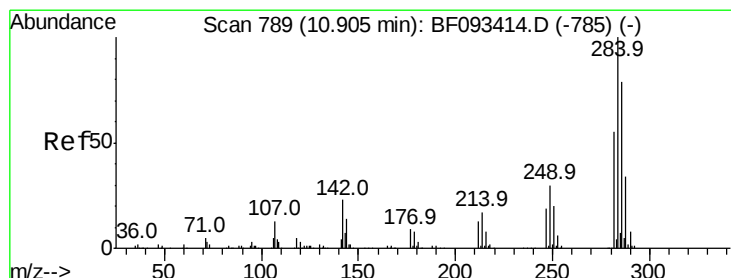
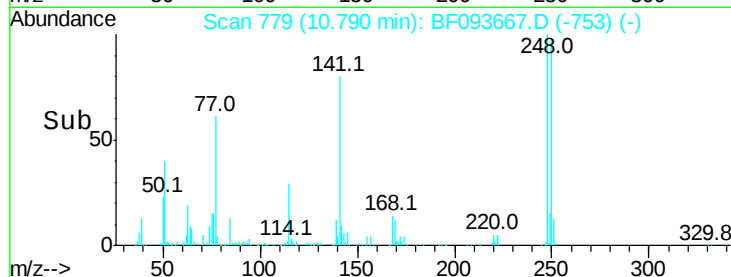
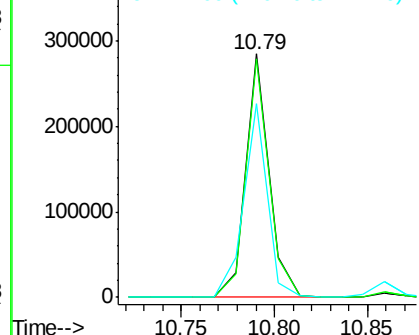
#66
4-Bromophenyl-phenylether
Concen: 41.77 ng
RT: 10.79 min Scan# 779
Delta R.T. -0.00 min
Lab File: BF093667.D
Acq: 15 Mar 2017 14:57

Instrument :
BNA_F
ClientSampleId :
PB97589BS

Tot Ion:248 Resp: 249765
Ion Ratio Lower Upper
248 100
250 97.8 76.9 115.3
141 79.6 68.2 102.4

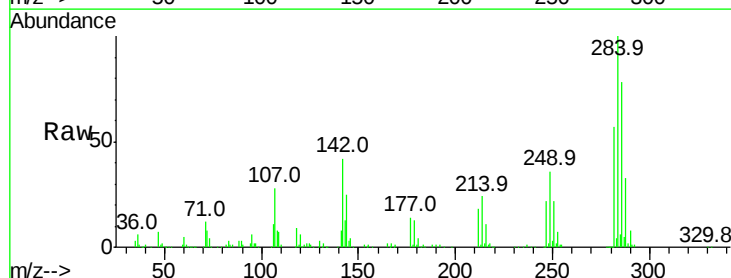


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

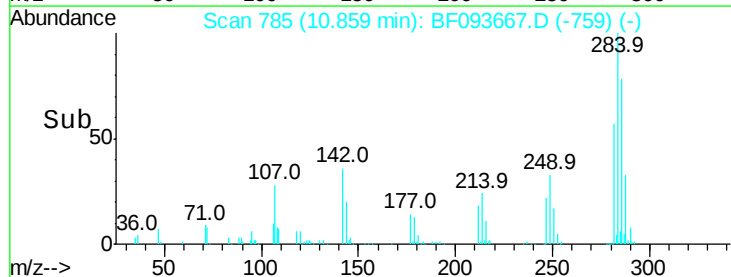
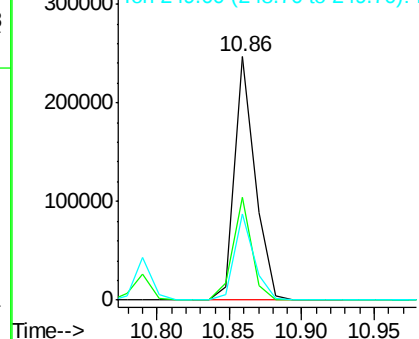


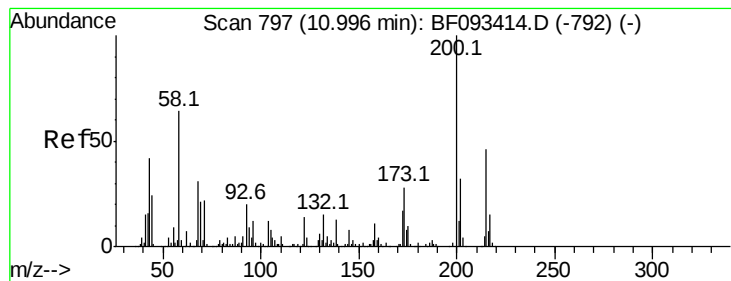
#67
Hexachlorobenzene
Concen: 42.56 ng
RT: 10.86 min Scan# 785
Delta R.T. -0.00 min
Lab File: BF093667.D
Acq: 15 Mar 2017 14:57

Tgt Ion:284 Resp: 243042
Ion Ratio Lower Upper
284 100
142 42.2 22.6 33.8#
249 35.6 25.4 38.0



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: 40.72 ng

RT: 10.96 min Scan# 794

Delta R.T. 0.01 min

Lab File: BF093667.D

Acq: 15 Mar 2017 14:57

Instrument :

BNA_F

ClientSampleId :

PB97589BS

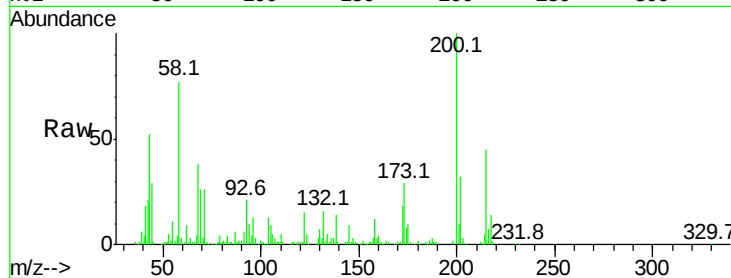
Tot Ion:200 Resp: 225035

Ion Ratio Lower Upper

200 100

173 29.2 9.6 49.6

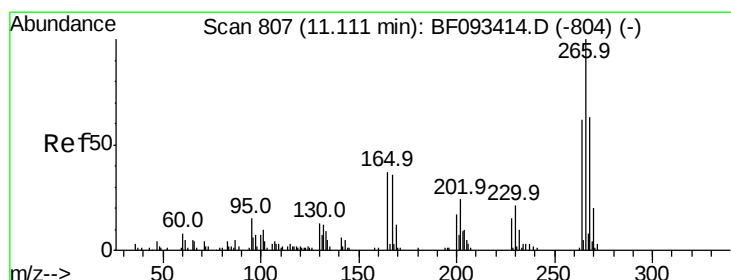
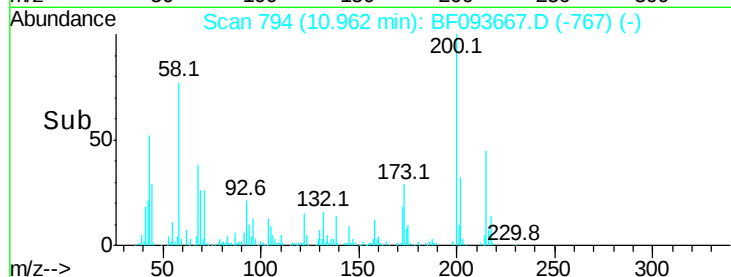
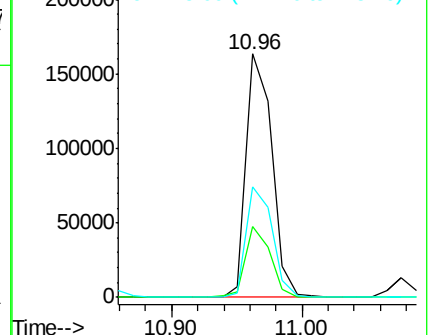
215 45.4 25.7 65.7



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: 58.53 ng

RT: 11.08 min Scan# 804

Delta R.T. 0.01 min

Lab File: BF093667.D

Acq: 15 Mar 2017 14:57

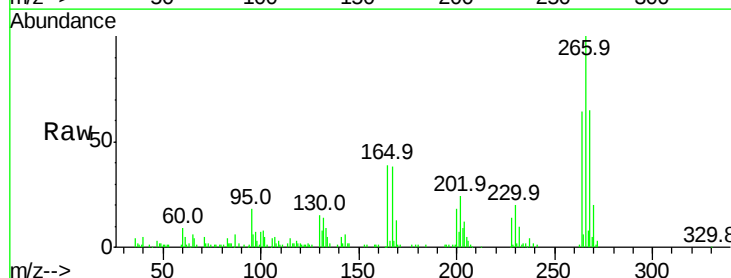
Tgt Ion:266 Resp: 115388

Ion Ratio Lower Upper

266 100

268 64.5 53.3 79.9

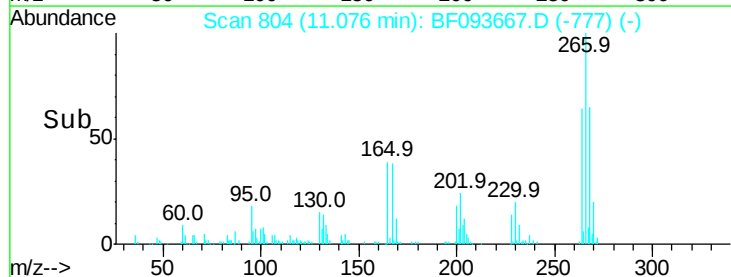
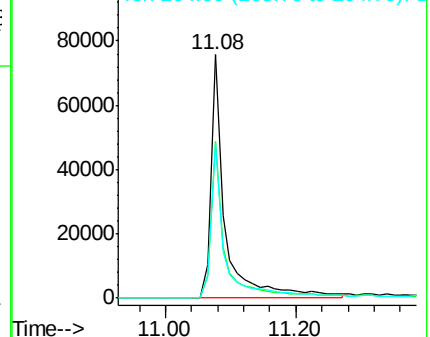
264 63.8 50.3 75.5

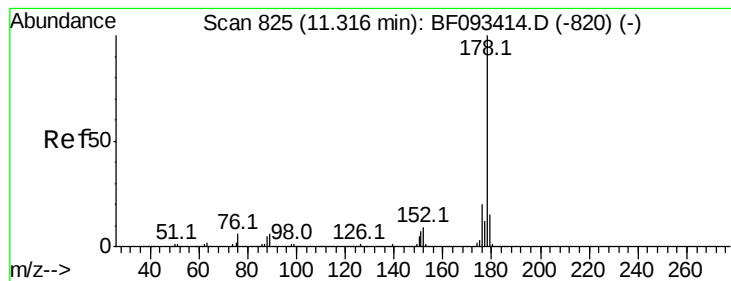


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#70

Phenanthrene

Concen: 39.38 ng

RT: 11.27 min Scan# 821

Delta R.T. -0.00 min

Lab File: BF093667.D

Acq: 15 Mar 2017 14:57

Instrument :

BNA_F

ClientSampleId :

PB97589BS

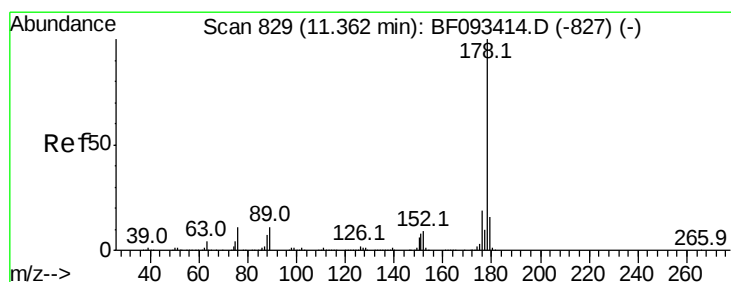
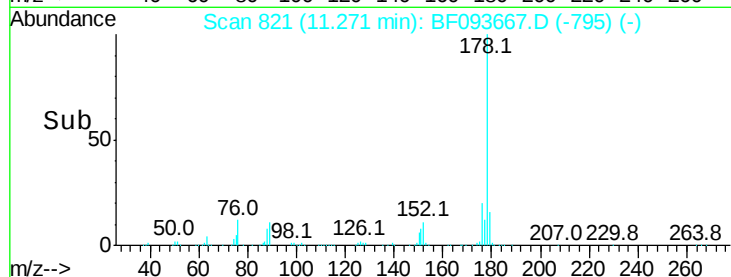
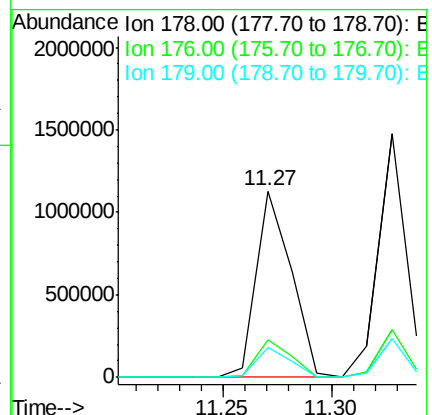
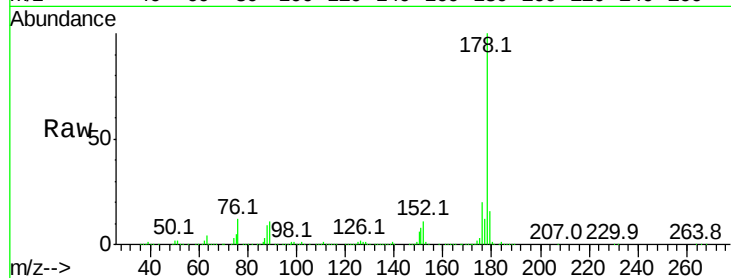
Tot Ion:178 Resp: 1271021

Ion Ratio Lower Upper

178 100

176 19.9 16.6 25.0

179 16.0 12.8 19.2



#71

Anthracene

Concen: 41.60 ng

RT: 11.33 min Scan# 826

Delta R.T. 0.01 min

Lab File: BF093667.D

Acq: 15 Mar 2017 14:57

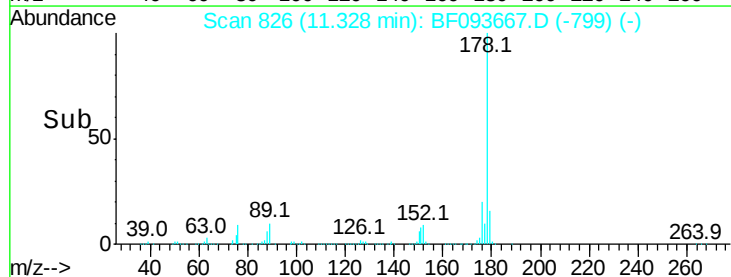
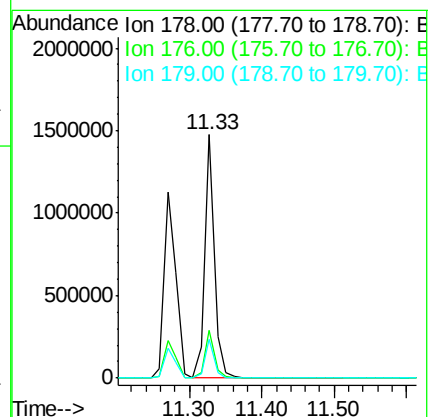
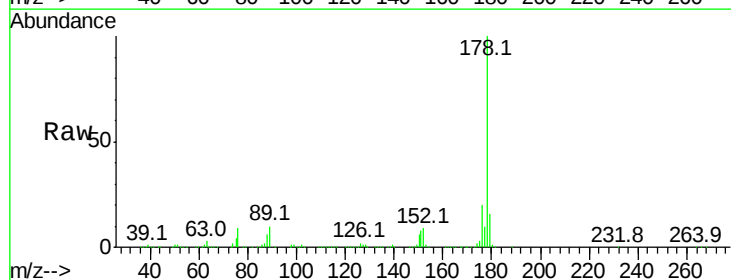
Tgt Ion:178 Resp: 1358315

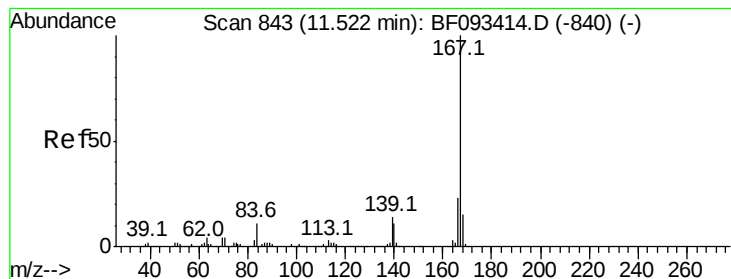
Ion Ratio Lower Upper

178 100

176 19.6 15.9 23.9

179 15.8 13.2 19.8





#72

Carbazole

Concen: 40.86 ng

RT: 11.50 min Scan# 841

Delta R.T. 0.01 min

Lab File: BF093667.D

Acq: 15 Mar 2017 14:57

Instrument :

BNA_F

ClientSampleId :

PB97589BS

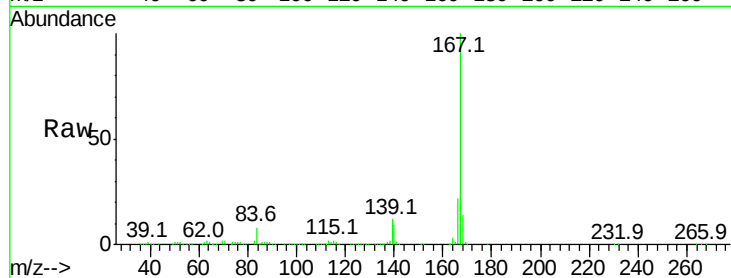
Tot Ion:167 Resp: 1253363

Ion Ratio Lower Upper

167 100

166 22.5 18.2 27.2

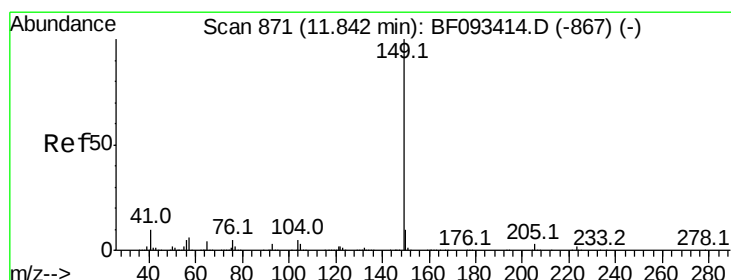
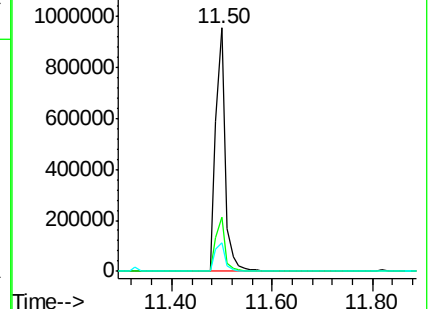
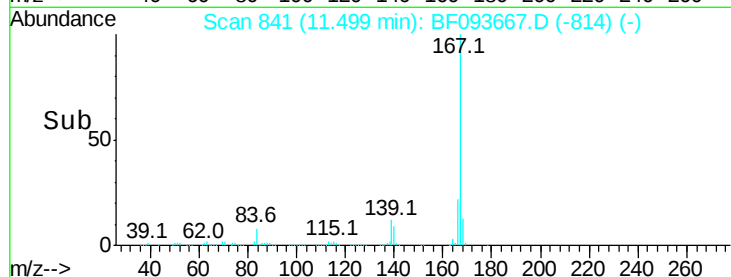
139 11.5 11.4 17.2



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: 42.67 ng

RT: 11.82 min Scan# 869

Delta R.T. 0.01 min

Lab File: BF093667.D

Acq: 15 Mar 2017 14:57

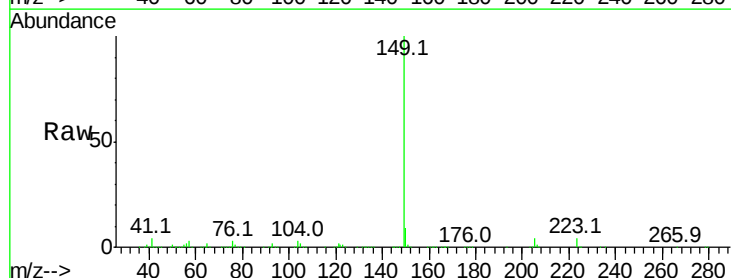
Tgt Ion:149 Resp: 1514385

Ion Ratio Lower Upper

149 100

150 9.1 8.1 12.1

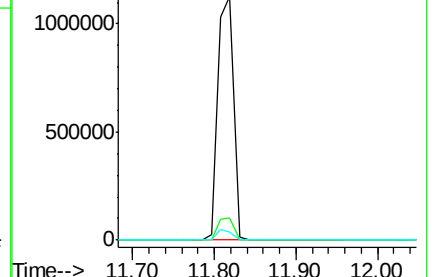
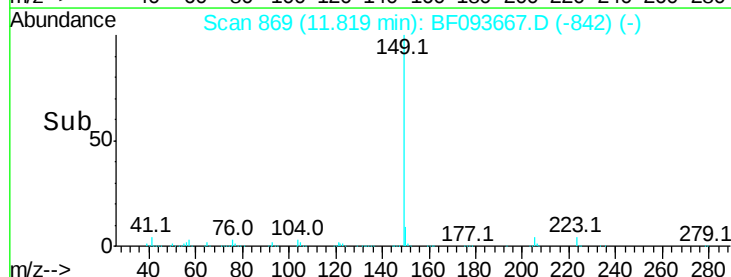
104 3.4 4.6 7.0#

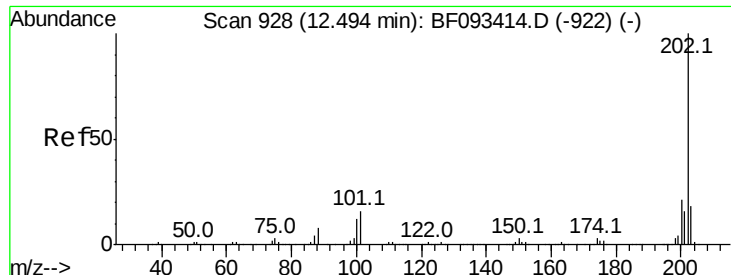


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

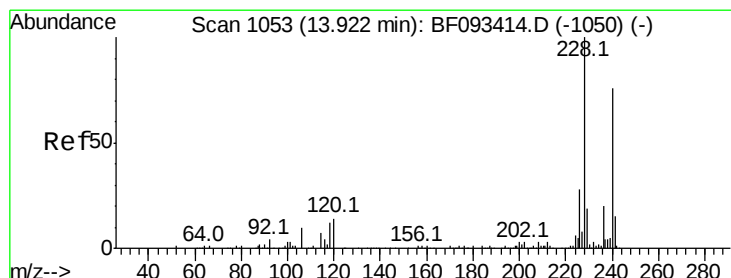
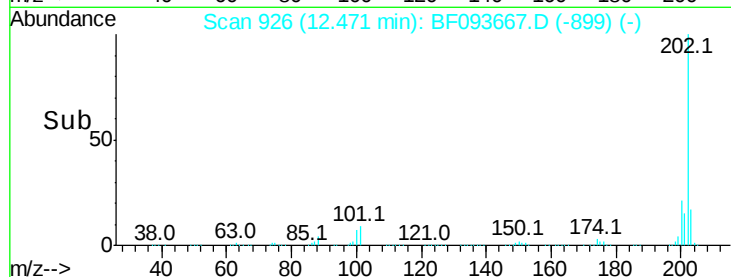
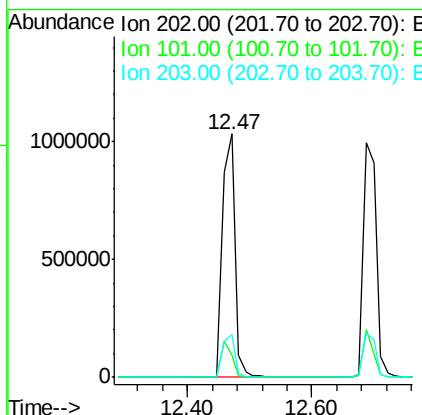
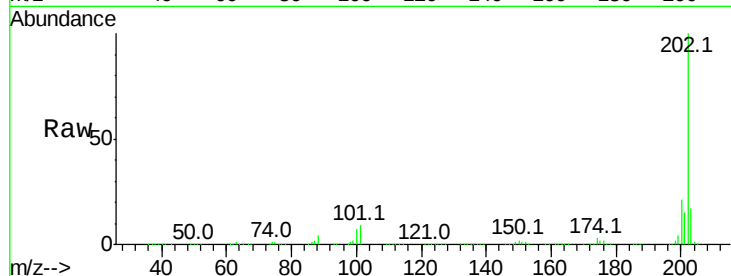




#74
 Fluoranthene
 Concen: 45.07 ng
 RT: 12.47 min Scan# 926
 Delta R.T. 0.01 min
 Lab File: BF093667.D
 Acq: 15 Mar 2017 14:57

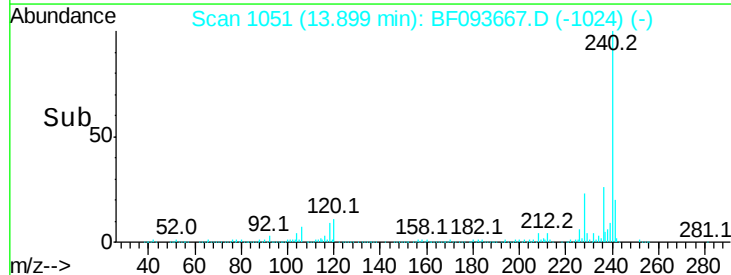
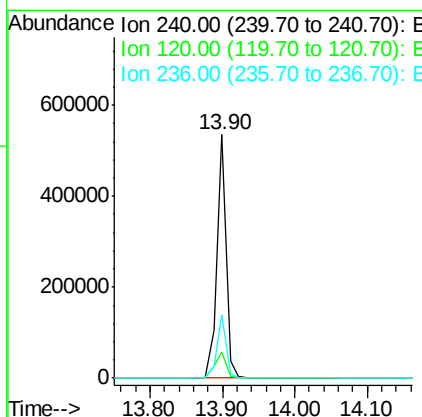
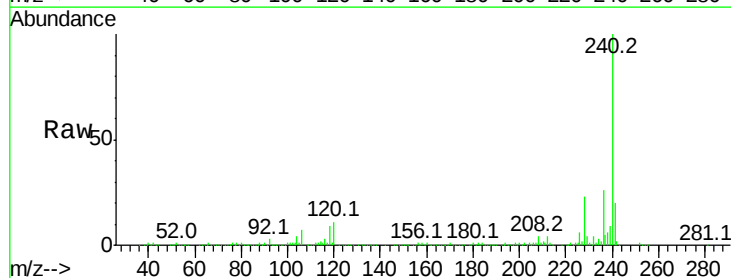
Instrument :
 BNA_F
 ClientSampleId :
 PB97589BS

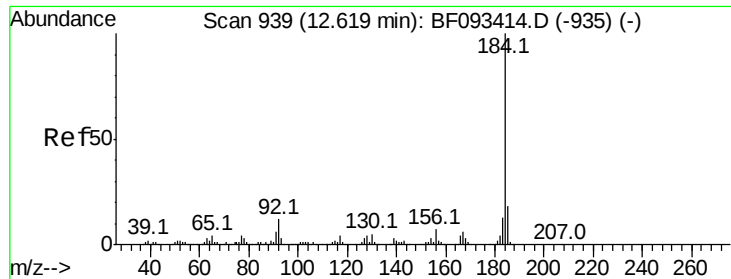
Tot Ion:202 Resp: 1405187
 Ion Ratio Lower Upper
 202 100
 101 9.0 0.0 34.6
 203 17.4 0.0 38.7



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.90 min Scan# 1051
 Delta R.T. 0.01 min
 Lab File: BF093667.D
 Acq: 15 Mar 2017 14:57

Tgt Ion:240 Resp: 472687
 Ion Ratio Lower Upper
 240 100
 120 10.7 12.9 19.3#
 236 26.0 20.9 31.3

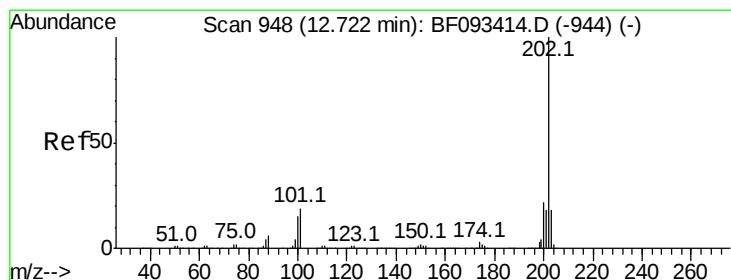
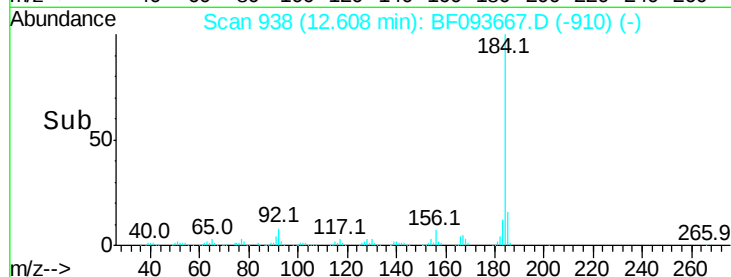
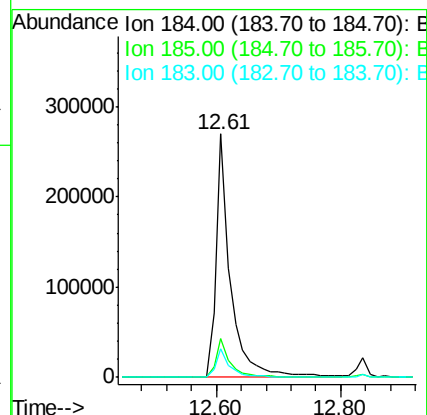
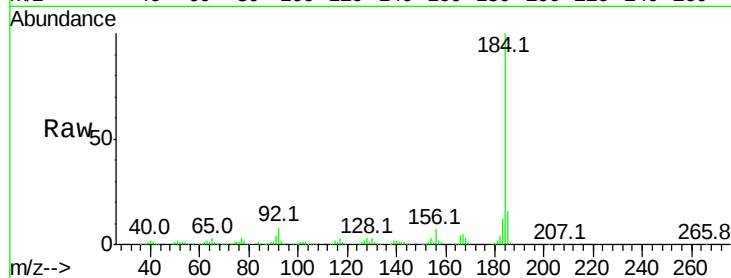




#76
Benzidine
Concen: 27.68 ng
RT: 12.61 min Scan# 938
Delta R.T. 0.02 min
Lab File: BF093667.D
Acq: 15 Mar 2017 14:57

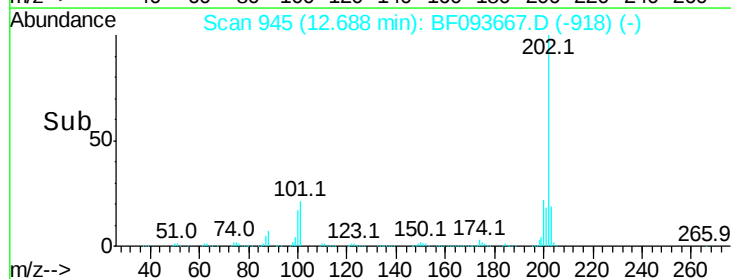
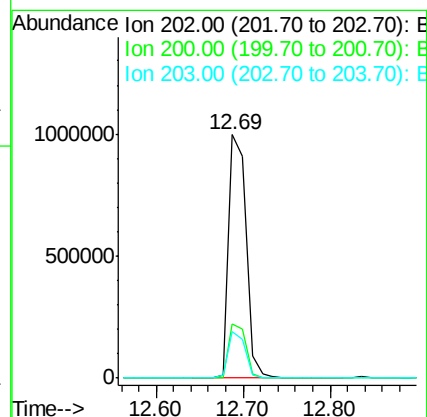
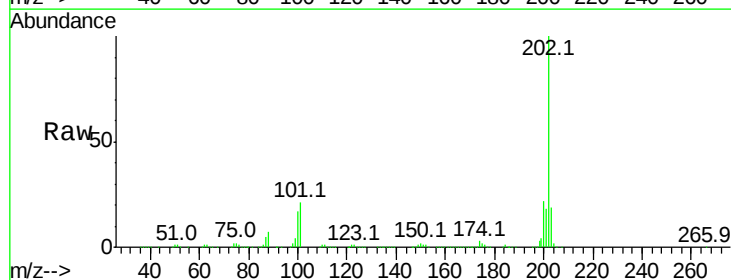
Instrument :
BNA_F
ClientSampleId :
PB97589BS

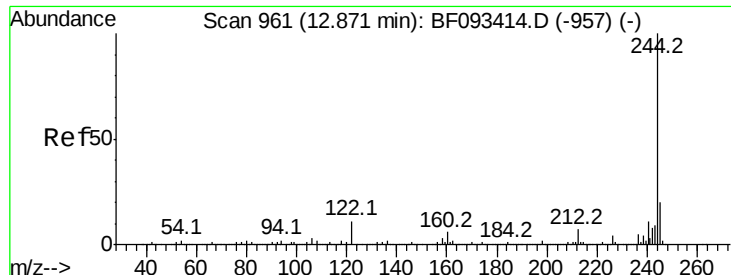
Tot Ion:184 Resp: 430209
Ion Ratio Lower Upper
184 100
185 15.7 13.4 20.0
183 11.7 9.2 13.8



#77
Pyrene
Concen: 40.67 ng
RT: 12.69 min Scan# 945
Delta R.T. 0.01 min
Lab File: BF093667.D
Acq: 15 Mar 2017 14:57

Tgt Ion:202 Resp: 1398109
Ion Ratio Lower Upper
202 100
200 22.3 17.7 26.5
203 18.8 14.7 22.1





#78

Terphenyl-d14

Concen: 78.23 ng

RT: 12.84 min Scan# 958

Delta R.T. 0.01 min

Lab File: BF093667.D

Acq: 15 Mar 2017 14:57

Instrument :

BNA_F

ClientSampleId :

PB97589BS

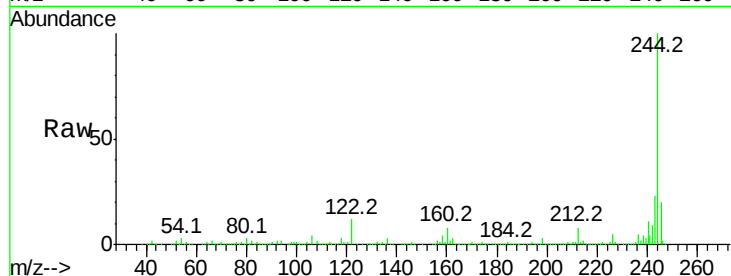
Tot Ion:244 Resp: 1422310

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

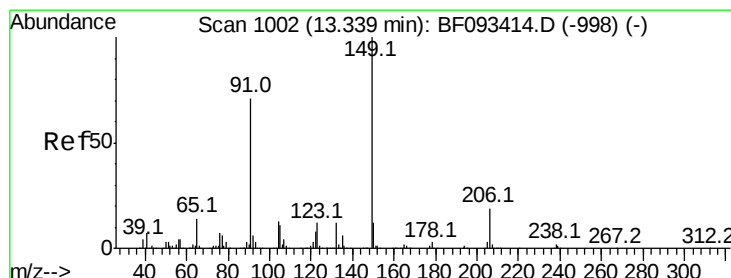
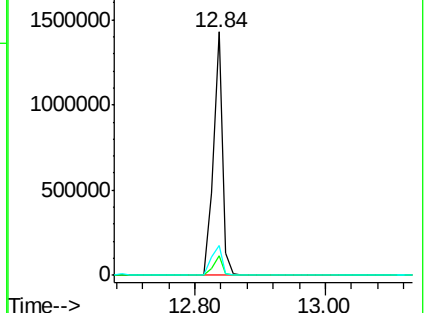
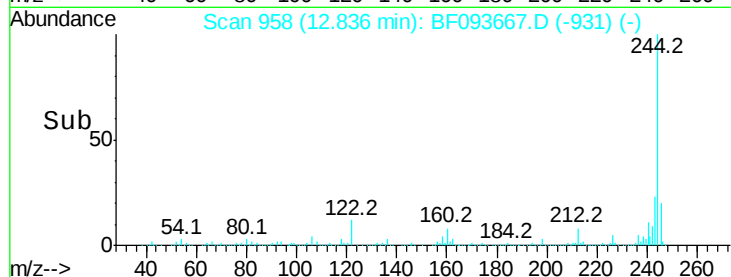
122 12.5 11.4 17.2



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: 47.01 ng

RT: 13.31 min Scan# 999

Delta R.T. 0.01 min

Lab File: BF093667.D

Acq: 15 Mar 2017 14:57

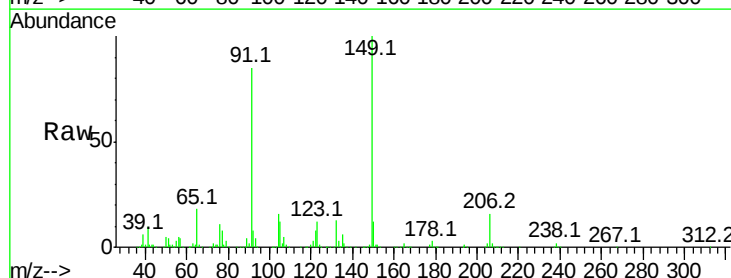
Tgt Ion:149 Resp: 680378

Ion Ratio Lower Upper

149 100

91 85.4 63.9 95.9

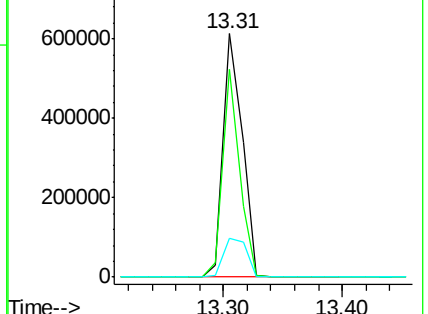
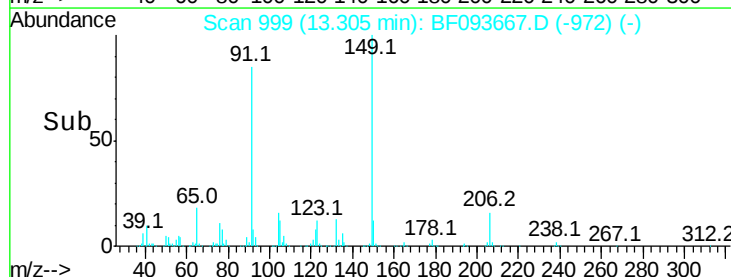
206 15.8 14.6 21.8

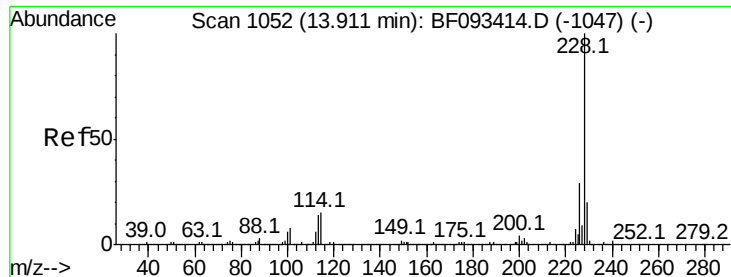


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 39.15 ng/mL

RT: 13.89 min Scan# 1050

Delta R.T. 0.02 min

Lab File: BF093667.D

Acq: 15 Mar 2017 14:57

Instrument :

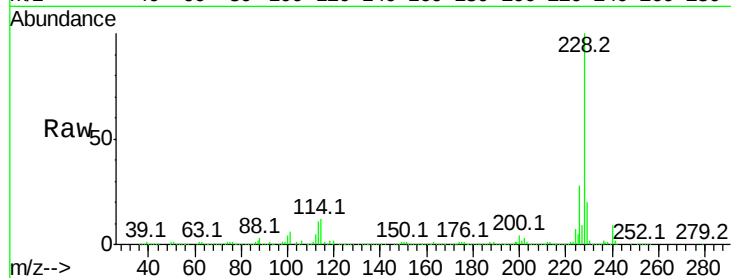
BNA_F

ClientSampleId :

PB97589BS

Tot Ion:228 Resp: 1092711

Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.4	33.6
229	20.0	16.2	24.4

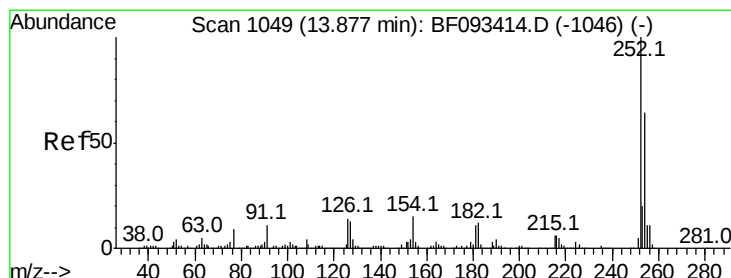
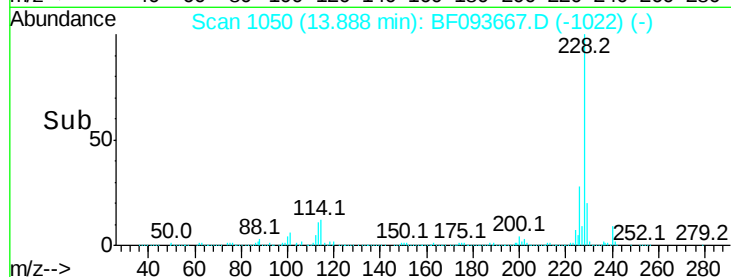
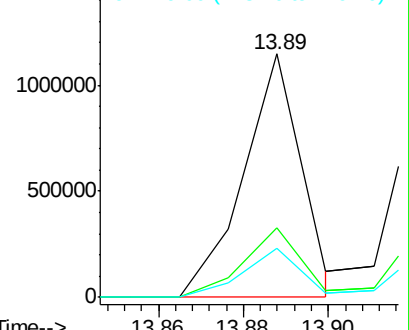


Abundance

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: 32.72 ng/mL

RT: 13.85 min Scan# 1047

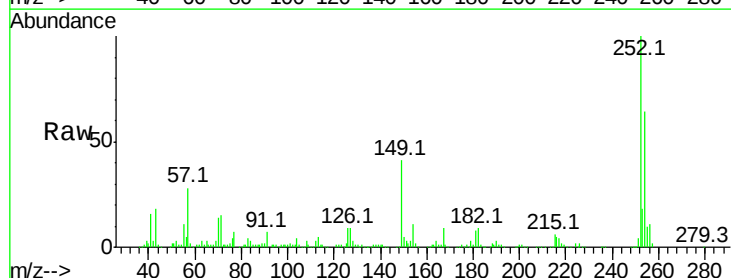
Delta R.T. 0.02 min

Lab File: BF093667.D

Acq: 15 Mar 2017 14:57

Tgt Ion:252 Resp: 319863

Ion	Ratio	Lower	Upper
252	100		
254	63.7	52.3	78.5
126	9.3	13.6	20.4

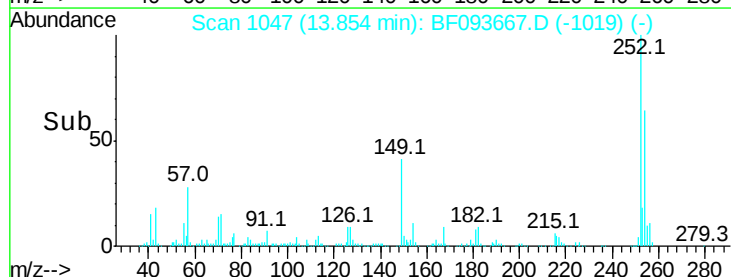
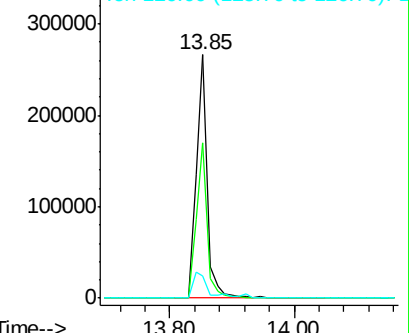


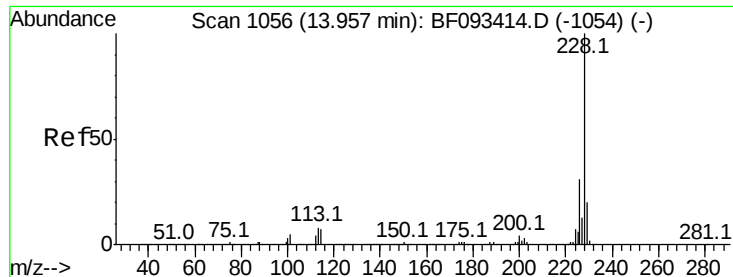
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrvsene

Concen: 41.04 ng/mL

RT: 13.92 min Scan# 1053

Delta R.T. 0.01 min

Lab File: BF093667.D

Acq: 15 Mar 2017 14:57

Instrument :

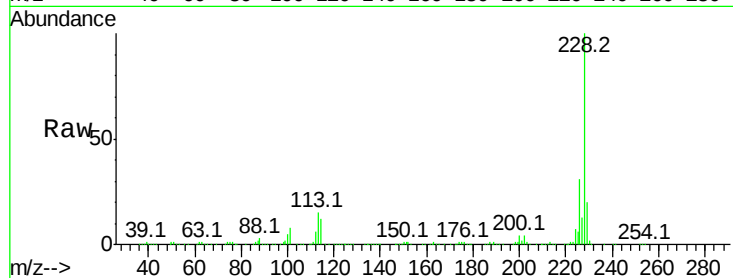
BNA_F

ClientSampleId :

PB97589BS

Tot Ion:228 Resp: 1059852

Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.4	38.0
229	20.4	16.2	24.2

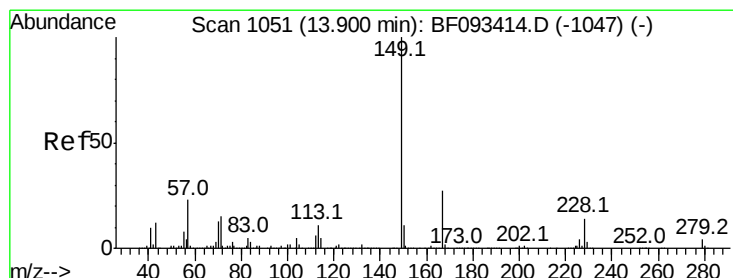
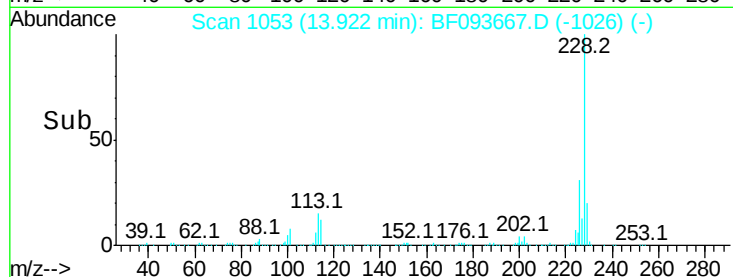
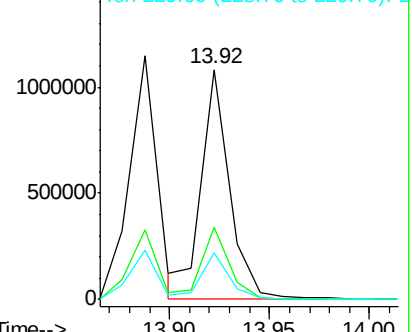


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 46.49 ng/mL

RT: 13.87 min Scan# 1048

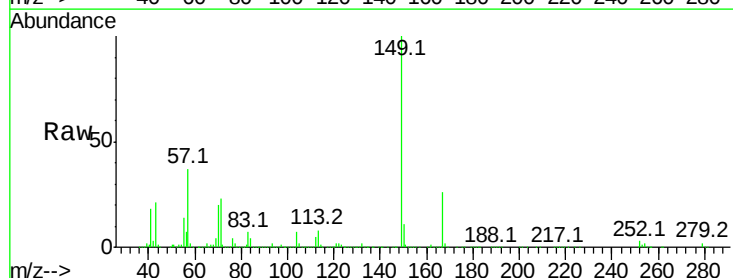
Delta R.T. 0.01 min

Lab File: BF093667.D

Acq: 15 Mar 2017 14:57

Tgt Ion:149 Resp: 937719

Ion	Ratio	Lower	Upper
149	100		
167	25.7	20.2	30.4
279	2.2	1.8	2.8

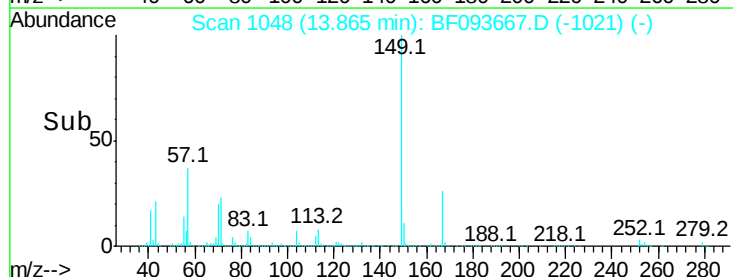
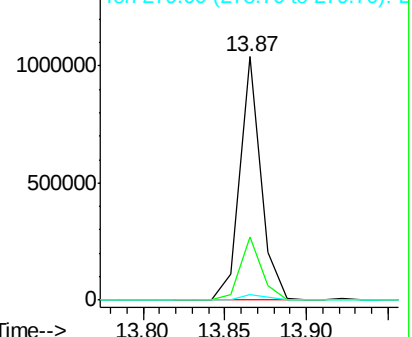


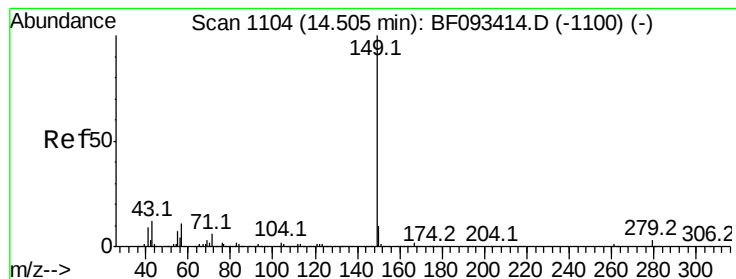
Abundance

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: 45.62 ng

RT: 14.47 min Scan# 1101

Delta R.T. 0.01 min

Lab File: BF093667.D

Acq: 15 Mar 2017 14:57

Instrument :

BNA_F

ClientSampleId :

PB97589BS

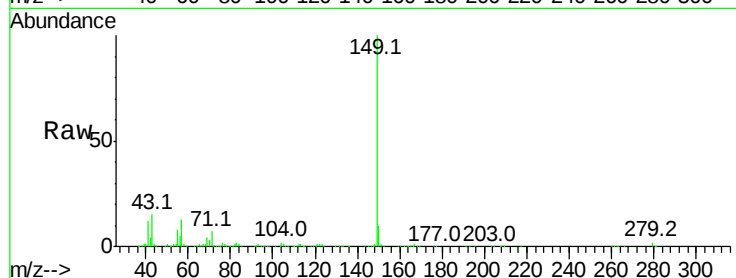
Tot Ion:149 Resp: 1533647

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

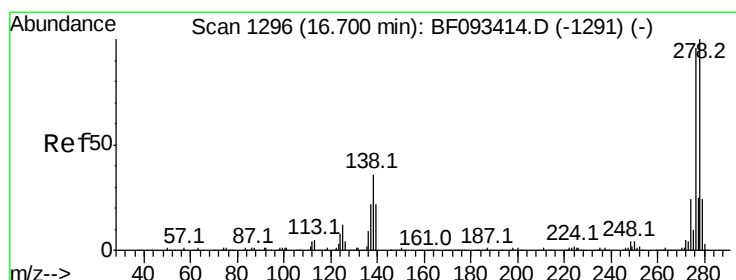
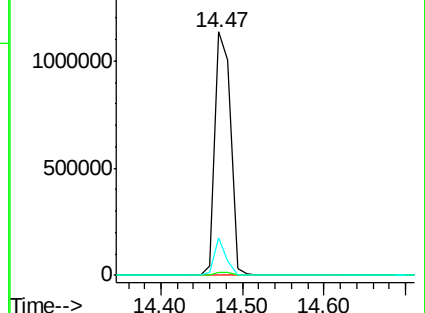
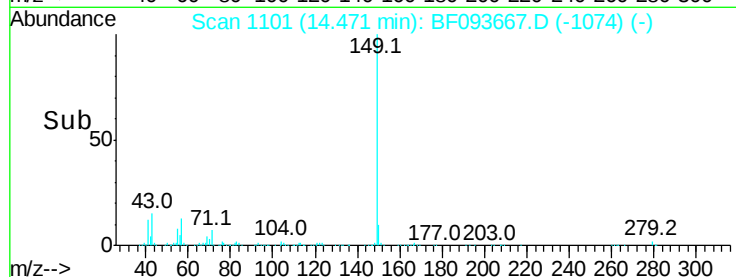
43 11.9 8.9 13.3



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: 37.79 ng

RT: 16.65 min Scan# 1292

Delta R.T. 0.03 min

Lab File: BF093667.D

Acq: 15 Mar 2017 14:57

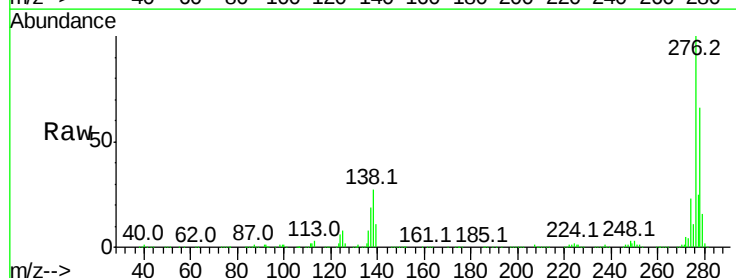
Tgt Ion:276 Resp: 816955

Ion Ratio Lower Upper

276 100

138 32.9 21.8 32.6#

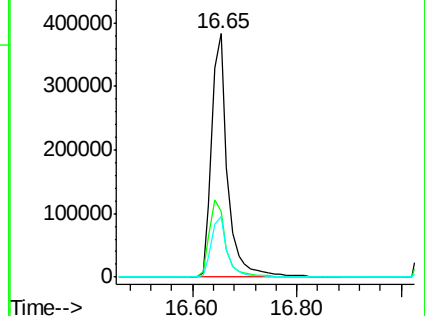
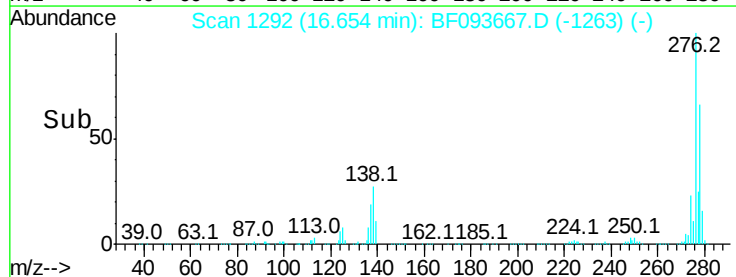
277 25.3 20.2 30.4

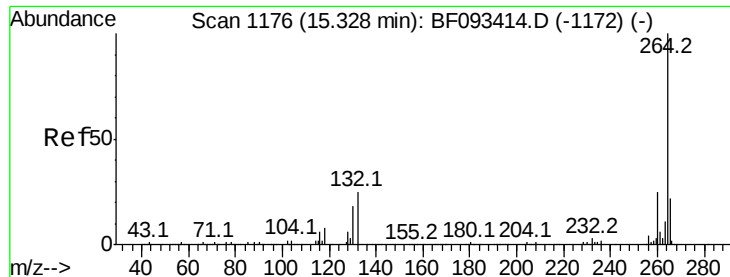


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

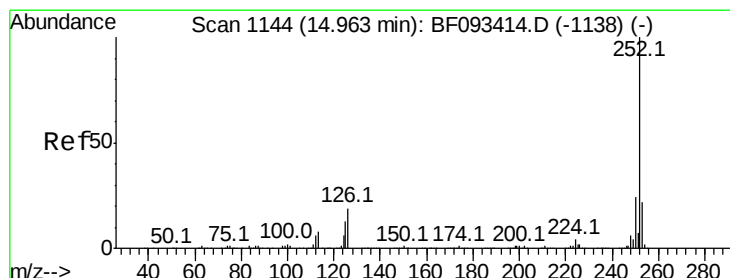
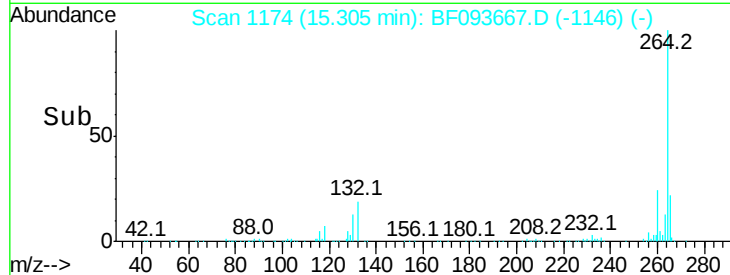
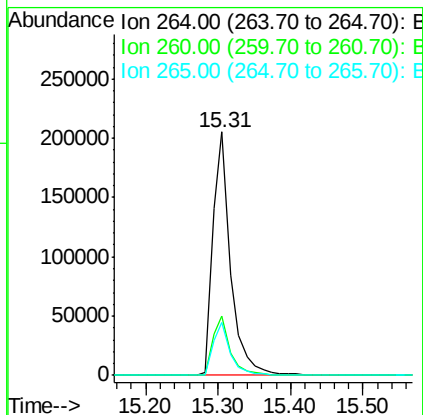
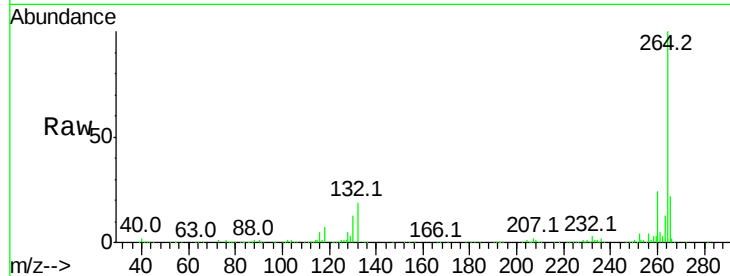




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.31 min Scan# 1174
Delta R.T. 0.02 min
Lab File: BF093667.D
Acq: 15 Mar 2017 14:57

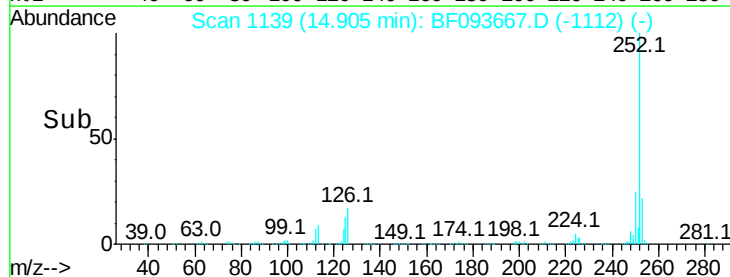
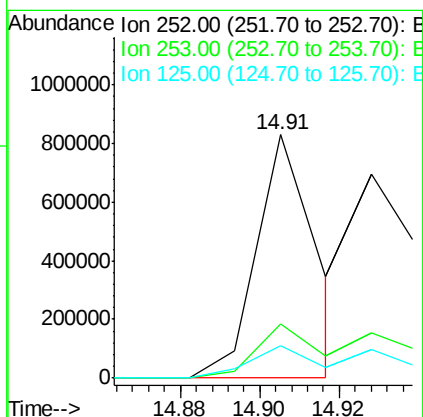
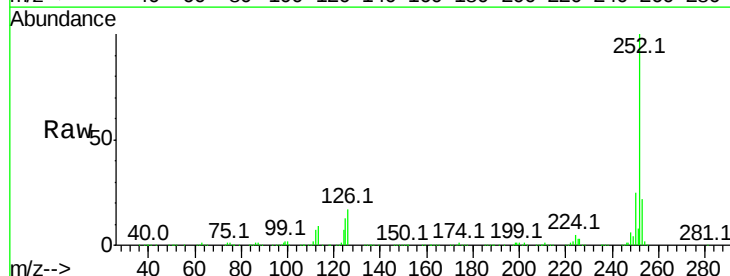
Instrument :
BNA_F
ClientSampleId :
PB97589BS

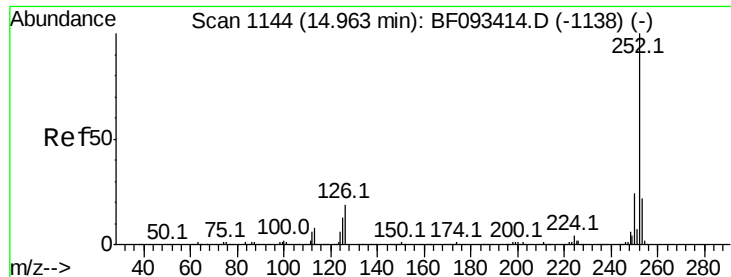
Tot Ion:264 Resp: 346958
Ion Ratio Lower Upper
264 100
260 24.5 19.2 28.8
265 21.9 17.4 26.0



#87
Benzo(b)fluoranthene
Concen: 41.17 ng m
RT: 14.91 min Scan# 1139
Delta R.T. 0.01 min
Lab File: BF093667.D
Acq: 15 Mar 2017 14:57

Tgt Ion:252 Resp: 869985
Ion Ratio Lower Upper
252 100
253 22.2 18.2 27.4
125 13.4 9.8 14.6





#88

Benzo(k)fluoranthene

Concen: 44.99 ng

RT: 14.93 min Scan# 1141

Delta R.T. 0.01 min

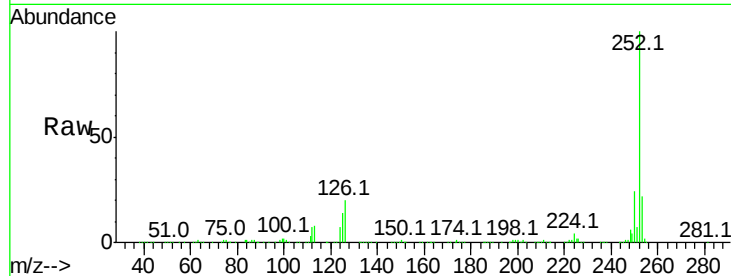
Lab File: BF093667.D

Acq: 15 Mar 2017 14:57

Instrument :
BNA_F
ClientSampleId :
PB97589BS

Tot Ion:252 Resp: 916825

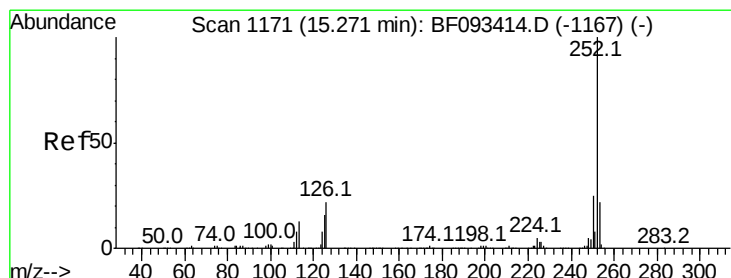
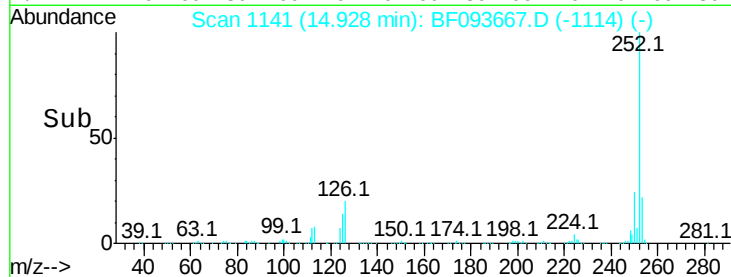
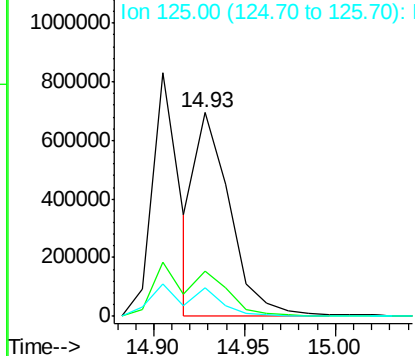
Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.5	27.7
125	13.9	8.9	13.3#



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



#89

Benzo(a)pyrene

Concen: 44.55 ng

RT: 15.25 min Scan# 1169

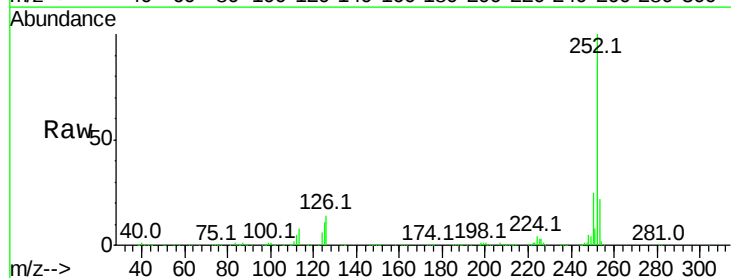
Delta R.T. 0.02 min

Lab File: BF093667.D

Acq: 15 Mar 2017 14:57

Tgt Ion:252 Resp: 860265

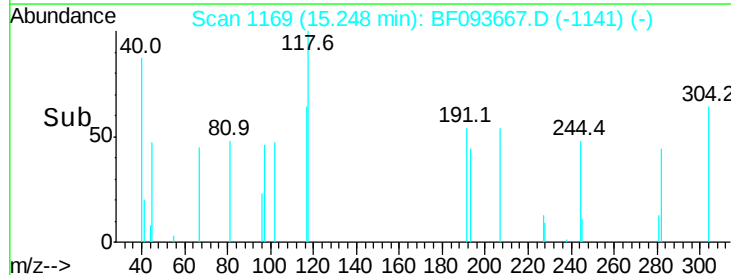
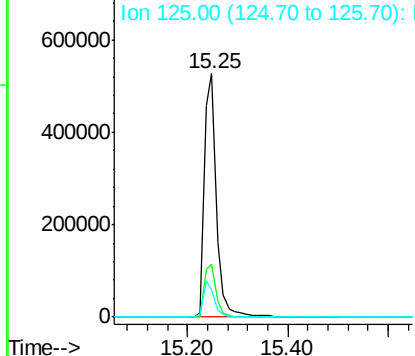
Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.2	27.2
125	11.2	10.0	15.0

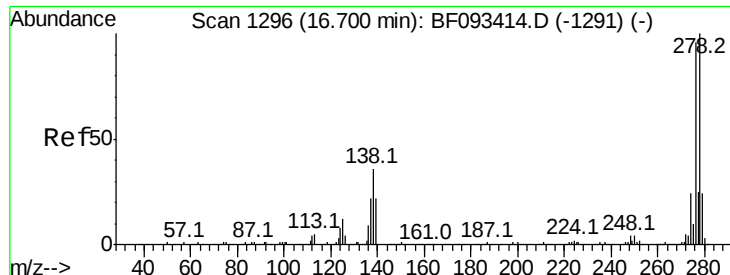


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 43.19 ng

RT: 16.64 min Scan# 1291

Delta R.T. 0.02 min

Lab File: BF093667.D

Acq: 15 Mar 2017 14:57

Instrument :

BNA_F

ClientSampleId :

PB97589BS

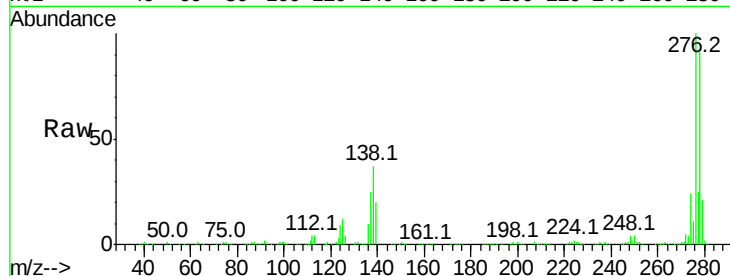
Tot Ion:278 Resp: 690031

Ion Ratio Lower Upper

278 100

139 22.0 14.8 22.2

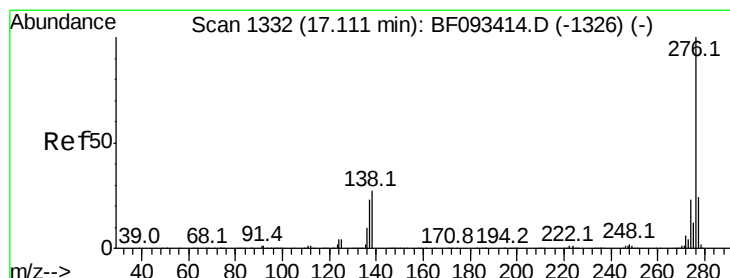
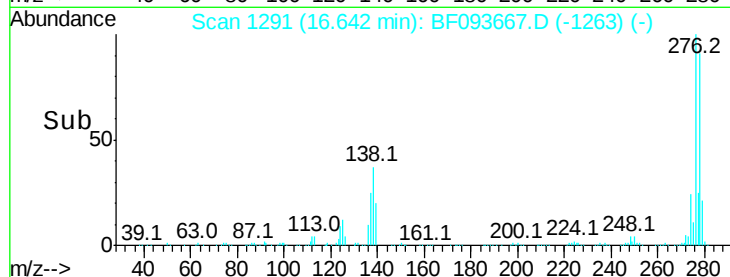
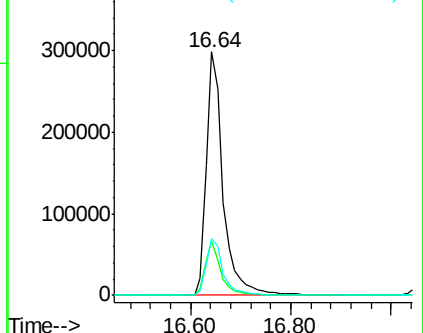
279 23.4 19.8 29.6



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(g,h,i)perylene

Concen: 43.63 ng

RT: 17.05 min Scan# 1327

Delta R.T. 0.03 min

Lab File: BF093667.D

Acq: 15 Mar 2017 14:57

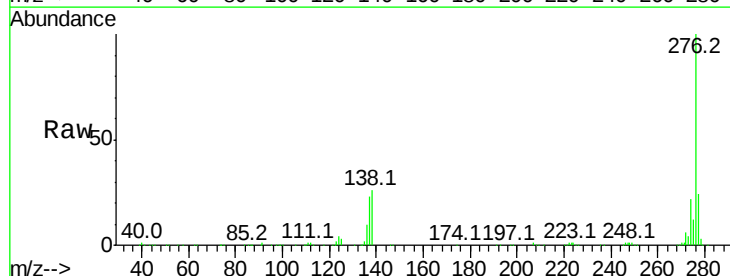
Tgt Ion:276 Resp: 715395

Ion Ratio Lower Upper

276 100

277 23.7 19.2 28.8

138 26.1 16.0 24.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

