

Data Path : Z:\HPCHEM1\BNA F\Data\BF031117\
 Data File : BF093575.D
 Acq On : 11 Mar 2017 18:53
 Operator : SJ/MA
 Sample : I2215-01MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 13 16:26:32 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	6.72	152	182341	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	734730	20.00	ng	-0.01
38) Acenaphthene-d10	9.75	164	350475	20.00	ng	-0.01
63) Phenanthrene-d10	11.24	188	629205	20.00	ng	-0.01
75) Chrysene-d12	13.88	240	433890	20.00	ng	-0.01
86) Perylene-d12	15.27	264	325091	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1047091	95.57	ng	0.00
7) Phenol-d6	6.38	99	1237857	89.60	ng	0.00
23) Nitrobenzene-d5	7.29	82	796904	60.18	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	210114	92.02	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1146562	60.85	ng	-0.01
78) Terphenyl-d14	12.83	244	1016673	60.92	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.24	88	157614	26.12	ng	89
3) Pyridine	2.94	79	374120	24.32	ng	# 88
4) n-Nitrosodimethylamine	2.88	42	238850	32.50	ng	78
6) Aniline	6.39	93	336854	17.77	ng	97
8) 2-Chlorophenol	6.50	128	377495	30.75	ng	84
9) Benzaldehyde	6.29	77	56376	4.56	ng	96
10) Phenol	6.40	94	604317	35.70	ng	# 78
11) bis(2-Chloroethyl)ether	6.46	93	397632	29.06	ng	92
12) 1,3-Dichlorobenzene	6.65	146	401229	28.56	ng	# 92
13) 1,4-Dichlorobenzene	6.73	146	413145	28.72	ng	98
14) 1,2-Dichlorobenzene	6.88	146	366091	28.74	ng	97
15) Benzyl Alcohol	6.88	79	351725	35.71	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.01	45	679389	29.89	ng	54
17) 2-Methylphenol	7.01	107	292873	28.21	ng	# 88
18) Hexachloroethane	7.22	117	139670	28.79	ng	97
19) n-Nitroso-di-n-propylamine	7.14	70	317890	33.47	ng	95
20) 3+4-Methylphenols	7.17	107	418210	31.06	ng	# 73
22) Acetophenone	7.14	105	532094	30.09	ng	# 94
24) Nitrobenzene	7.32	77	459898	30.90	ng	96
25) Isophorone	7.56	82	814449	30.50	ng	97
26) 2-Nitrophenol	7.64	139	198571	29.24	ng	92
27) 2,4-Dimethylphenol	7.68	122	336067	30.42	ng	100
28) bis(2-Chloroethoxy)methane	7.76	93	489965	29.06	ng	98
29) 2,4-Dichlorophenol	7.89	162	329843	31.74	ng	93
30) 1,2,4-Trichlorobenzene	7.94	180	309561	28.01	ng	# 94
31) Naphthalene	8.02	128	1029377	27.96	ng	99
32) Benzoic acid	7.68	122	336067	58.55	ng	# 14
33) 4-Chloroaniline	8.09	127	293626	19.65	ng	# 93
34) Hexachlorobutadiene	8.14	225	157178	27.61	ng	99
35) Caprolactam	8.47	113	106396	29.98	ng	# 47
36) 4-Chloro-3-methylphenol	8.60	107	344467	31.06	ng	96
37) 2-Methylnaphthalene	8.72	142	701962	29.96	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	284819	29.76	ng	98
40) Hexachlorocyclopentadiene	8.87	237	119763	54.19	ng	98

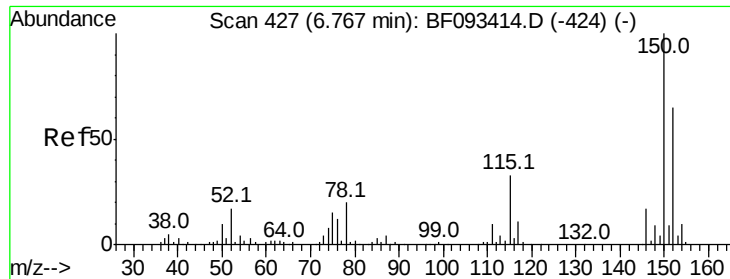
Data Path : Z:\HPCHEM1\BNA F\Data\BF031117\
 Data File : BF093575.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 13 15:05:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	220546	36.89	nq	90
43) 2,4,5-Trichlorophenol	9.06	196	213651	33.30	nq	91
45) 1,1'-Biphenyl	9.18	154	831589	32.57	nq	97
46) 2-Chloronaphthalene	9.20	162	630889	32.28	nq	93
47) 2-Nitroaniline	9.32	65	255965	37.05	nq	# 79
48) Acenaphthylene	9.61	152	980177	30.41	nq	99
49) Dimethylphthalate	9.49	163	908303	39.09	nq	99
50) 2,6-Dinitrotoluene	9.56	165	148311	29.09	nq	# 28
51) Acenaphthene	9.78	154	571134	29.97	nq	96
52) 3-Nitroaniline	9.74	138	143635	23.45	nq	87
53) 2,4-Dinitrophenol	9.88	184	32070	13.81	nq	# 65
54) Dibenzofuran	9.97	168	877872	36.80	nq	93
55) 4-Nitrophenol	9.96	139	561072	188.59	nq	# 18
56) 2,4-Dinitrotoluene	9.98	165	212576	33.94	nq	# 79
57) Fluorene	10.31	166	659965	32.65	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.09	232	168403	37.19	nq	98
59) Diethylphthalate	10.18	149	742992	33.46	nq	99
60) 4-Chlorophenyl-phenylether	10.30	204	315495	34.82	nq	# 80
61) 4-Nitroaniline	10.36	138	181730	29.01	nq	92
62) Azobenzene	10.46	77	974908	38.64	nq	95
64) 4,6-Dinitro-2-methylphenol	10.39	198	84968	20.84	nq	# 79
65) n-Nitrosodiphenylamine	10.42	169	621264	29.57	nq	99
66) 4-Bromophenyl-phenylether	10.78	248	174181	26.18	nq	# 85
67) Hexachlorobenzene	10.86	284	169743	26.72	nq	# 92
68) Atrazine	10.95	200	167580	27.25	nq	99
69) Pentachlorophenol	11.06	266	96406	43.95	nq	96
70) Phenanthrene	11.26	178	982091	27.34	nq	99
71) Anthracene	11.32	178	1015150	27.94	nq	99
72) Carbazole	11.48	167	922179	27.02	nq	99
73) Di-n-butylphthalate	11.81	149	1100258	27.86	nq	# 96
74) Fluoranthene	12.45	202	947621	27.32	nq	96
76) Benzidine	12.59	184	216100	15.15	nq	96
77) Pyrene	12.68	202	949884	30.10	nq	99
79) Butylbenzylphthalate	13.29	149	443355	33.38	nq	94
80) Benzo(a)anthracene	13.87	228	679667	26.53	nq	99
81) 3,3'-Dichlorobenzidine	13.83	252	159259	17.75	nq	# 95
82) Chrysene	13.90	228	660323	27.85	nq	99
83) Bis(2-ethylhexyl)phthalate	13.85	149	591129	31.93	nq	# 97
84) Di-n-octyl phthalate	14.46	149	850975	27.58	nq	95
85) Indeno(1,2,3-cd)pyrene	16.62	276	542747	27.35	nq	# 93
87) Benzo(b)fluoranthene	14.88	252	1042889	52.67	nq	98
88) Benzo(k)fluoranthene	14.88	252	1042889	54.62	nq	# 96
89) Benzo(a)pyrene	15.23	252	495599	27.39	nq	97
90) Dibenzo(a,h)anthracene	16.62	278	454441	30.36	nq	96
91) Benzo(g,h,i)perylene	17.02	276	478918	31.17	nq	# 92

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

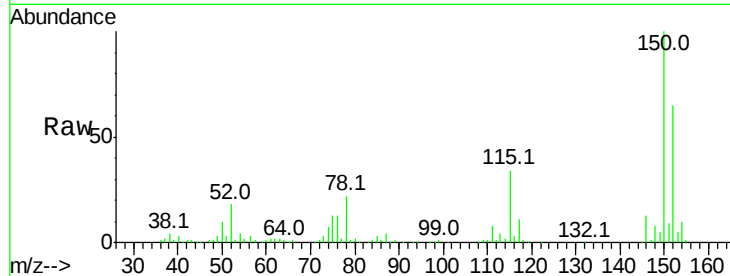


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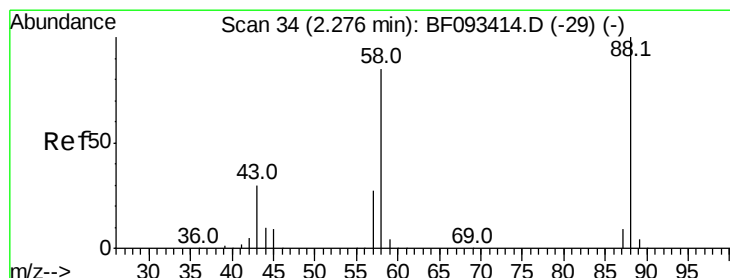
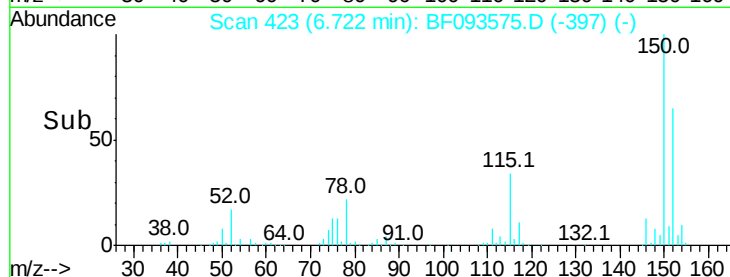
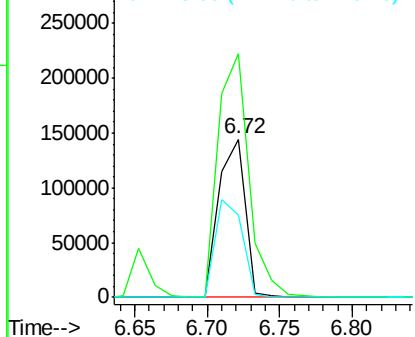
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.72 min Scan# 423
Delta R.T. -0.00 min
Lab File: BF093575.D
Acq: 11 Mar 2017 18:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 182341
Ion Ratio Lower Upper
152 100
150 154.1 124.9 187.3
115 52.5 46.0 69.0



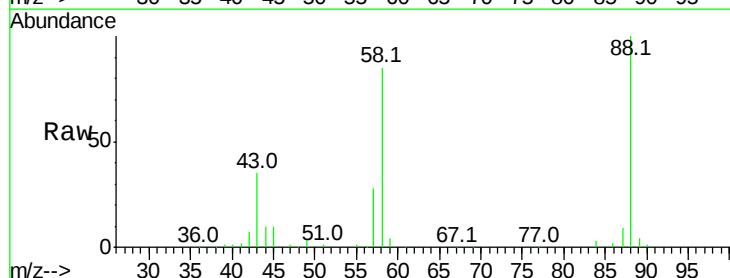
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



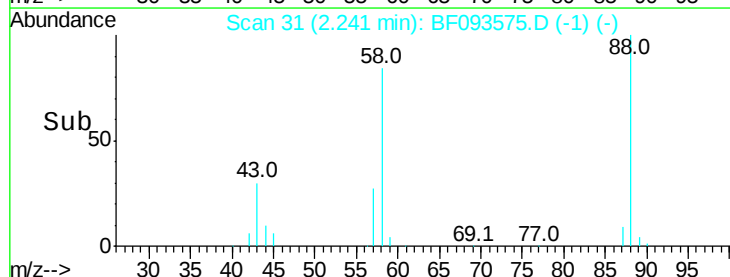
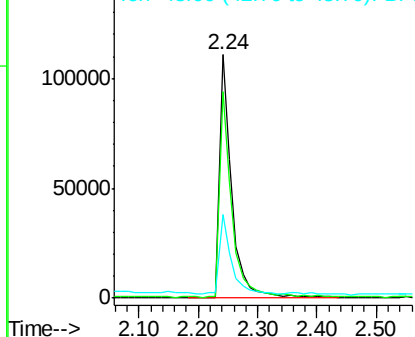
#2

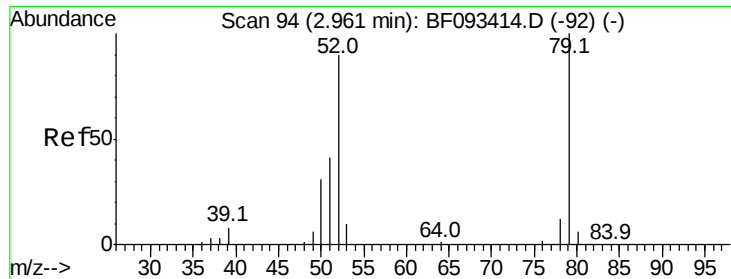
1,4-Dioxane
Concen: 26.12 ng
RT: 2.24 min Scan# 31
Delta R.T. 0.06 min
Lab File: BF093575.D
Acq: 11 Mar 2017 18:53

Tgt Ion: 88 Resp: 157614
Ion Ratio Lower Upper
88 100
58 82.8 57.8 86.8
43 30.9 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: 24.32 ng

RT: 2.94 min Scan# 92

Delta R.T. 0.08 min

Lab File: BF093575.D

Acq: 11 Mar 2017 18:53

Instrument :

BNA_F

ClientSampled :

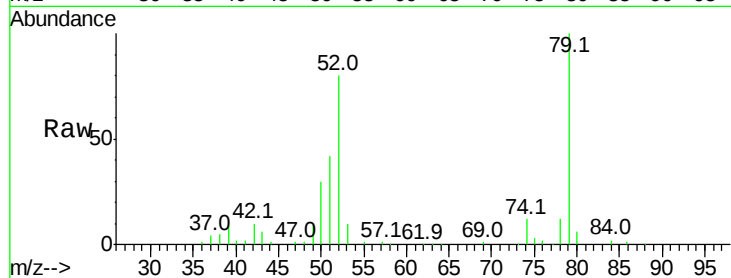
Tot Ion: 79 Resp: 374120

Ion Ratio Lower Upper

79 100

52 80.3 57.1 85.7

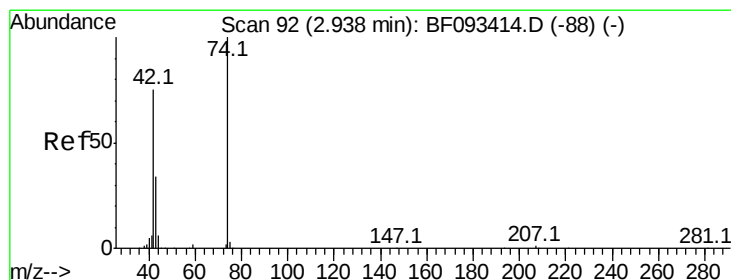
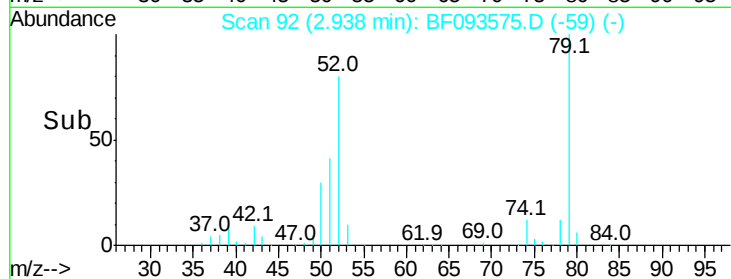
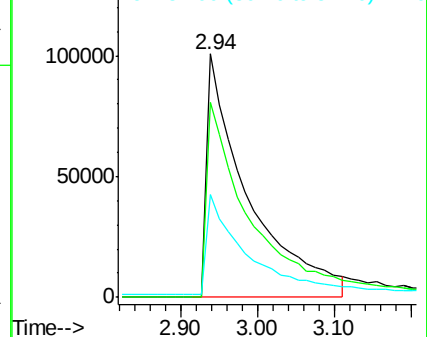
51 42.1 27.3 40.9#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 32.50 ng

RT: 2.88 min Scan# 87

Delta R.T. 0.05 min

Lab File: BF093575.D

Acq: 11 Mar 2017 18:53

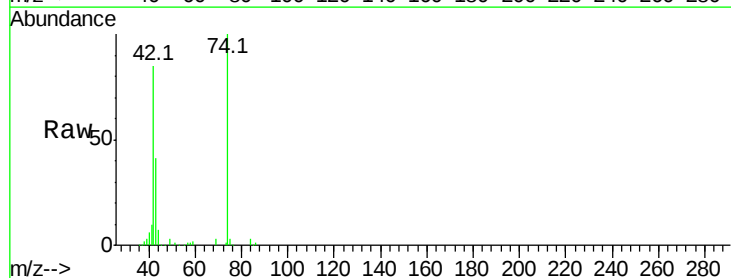
Tgt Ion: 42 Resp: 238850

Ion Ratio Lower Upper

42 100

74 117.7 117.0 175.4

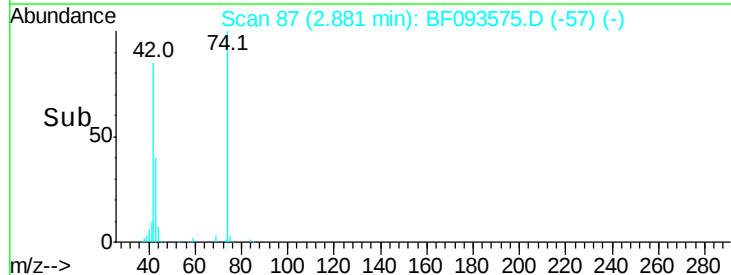
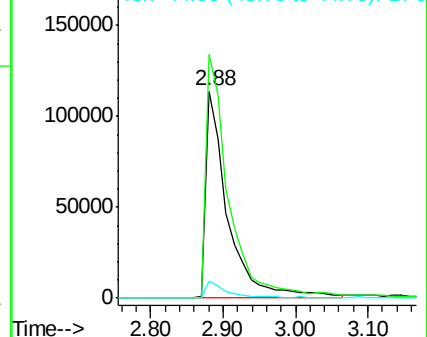
44 8.2 5.5 8.3

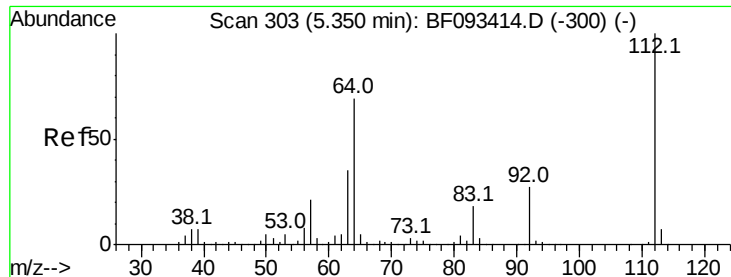


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 95.57 ng

RT: 5.32 min Scan# 300

Delta R.T. -0.00 min

Lab File: BF093575.D

Acq: 11 Mar 2017 18:53

Instrument :

BNA_F

ClientSampleId :

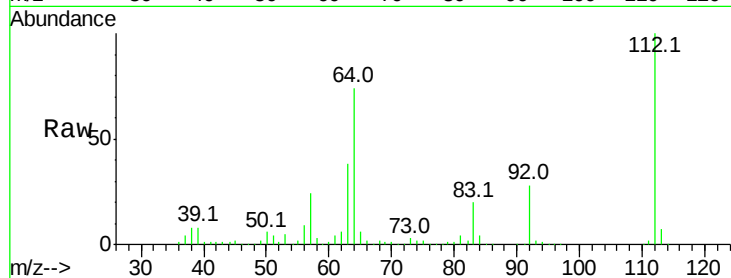
Tot Ion:112 Resp: 1047091

Ion Ratio Lower Upper

112 100

64 74.2 46.1 69.1#

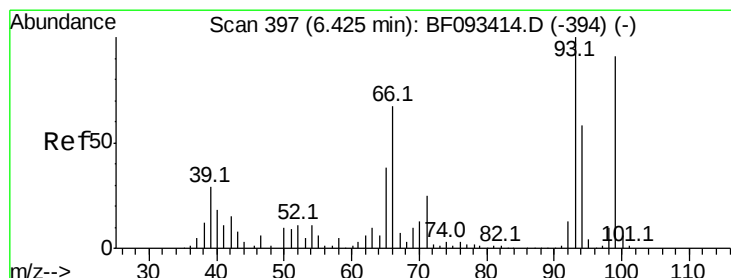
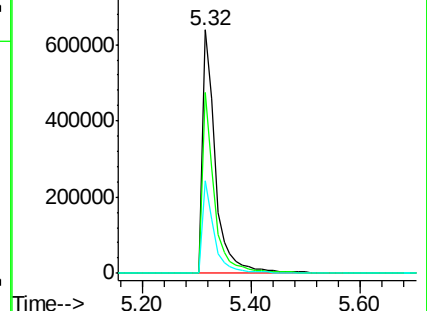
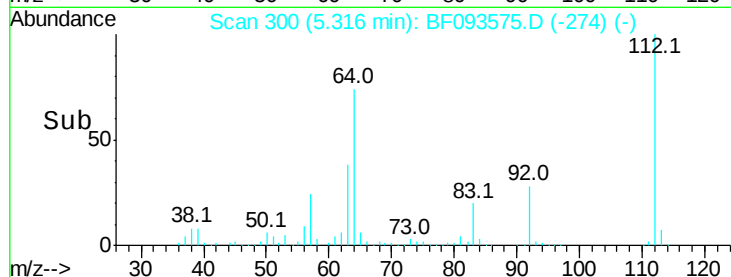
63 37.8 23.8 35.6#



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



#6

Aniline

Concen: 17.77 ng

RT: 6.39 min Scan# 394

Delta R.T. -0.00 min

Lab File: BF093575.D

Acq: 11 Mar 2017 18:53

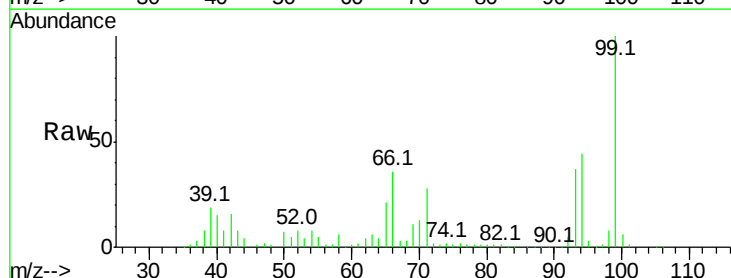
Tgt Ion: 93 Resp: 336854

Ion Ratio Lower Upper

93 100

66 97.0 76.2 114.2

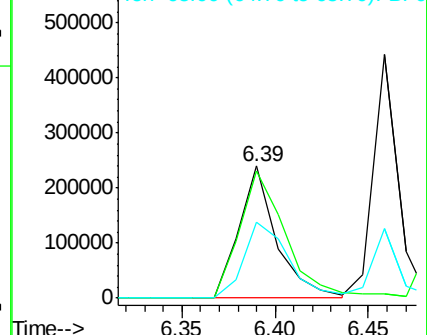
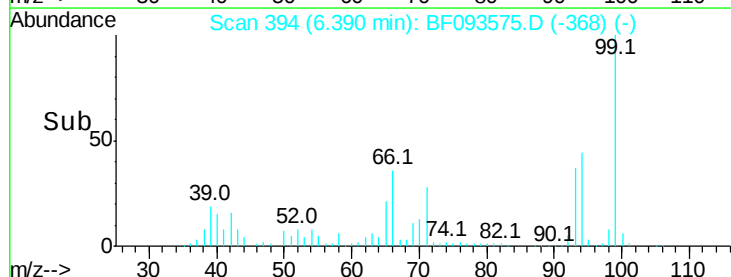
65 57.7 49.3 73.9

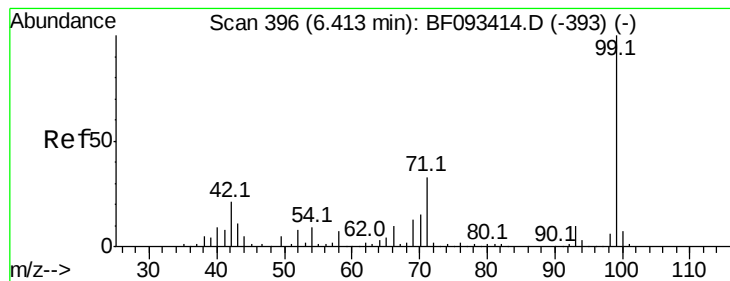


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 89.60 ng

RT: 6.38 min Scan# 393

Delta R.T. -0.00 min

Lab File: BF093575.D

Acq: 11 Mar 2017 18:53

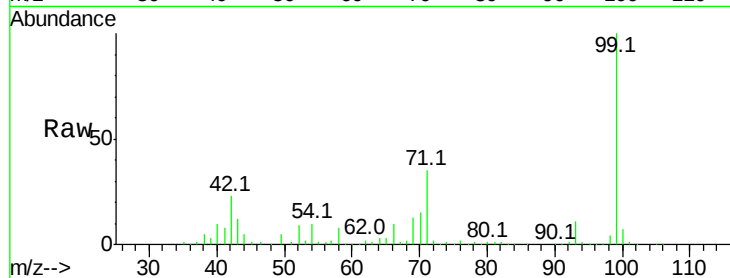
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1237857

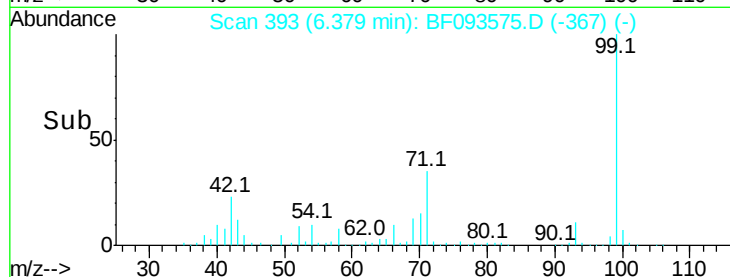
Ion	Ratio	Lower	Upper
99	100		
42	23.0	15.6	23.4
71	34.8	27.5	41.3



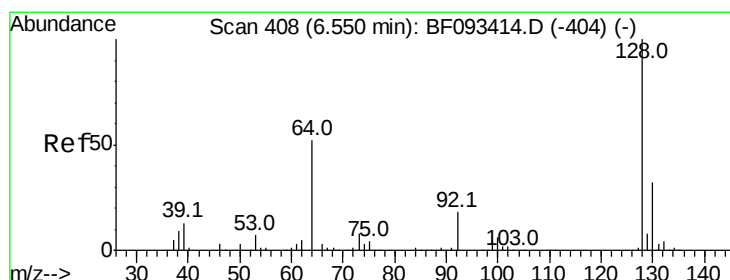
Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



Time-->



#8

2-Chlorophenol

Concen: 30.75 ng

RT: 6.50 min Scan# 404

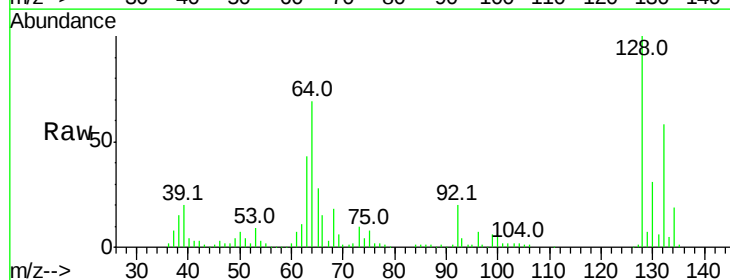
Delta R.T. -0.00 min

Lab File: BF093575.D

Acq: 11 Mar 2017 18:53

Tgt Ion: 128 Resp: 377495

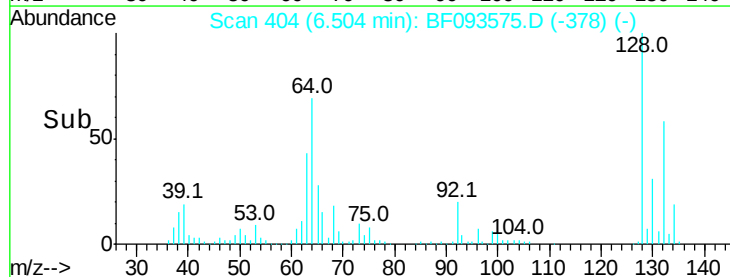
Ion	Ratio	Lower	Upper
128	100		
130	31.0	12.3	52.3
64	69.4	32.2	72.2



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): BF0



Time-->



#9

Benzaldehyde

Concen: 4.56 ng

RT: 6.29 min Scan# 385

Delta R.T. 0.01 min

Lab File: BF093575.D

Acq: 11 Mar 2017 18:53

Instrument :

BNA_F

ClientSampleId :

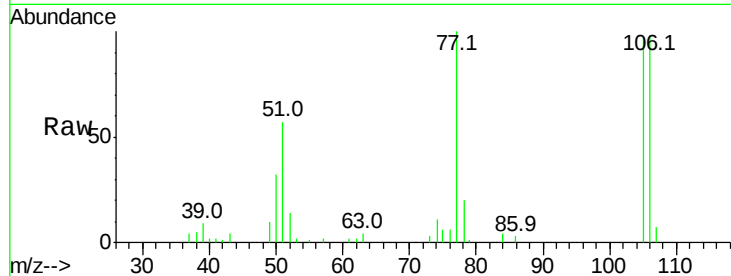
Tot Ion: 77 Resp: 56376

Ion Ratio Lower Upper

77 100

105 97.0 83.9 123.9

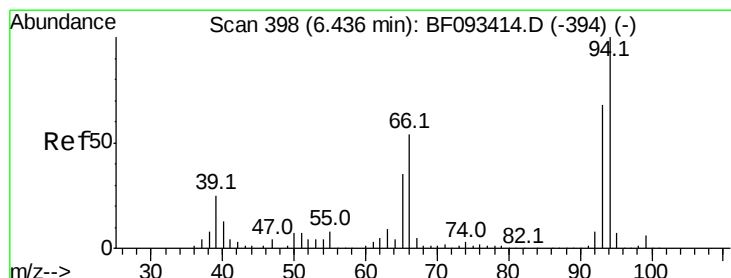
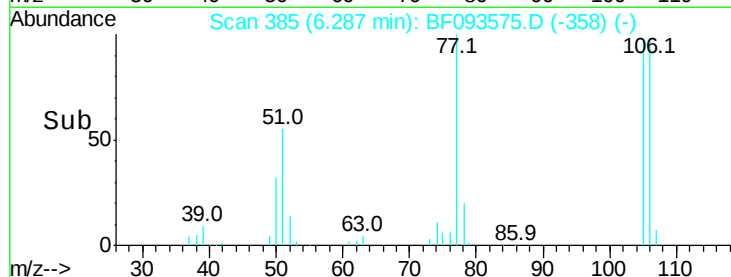
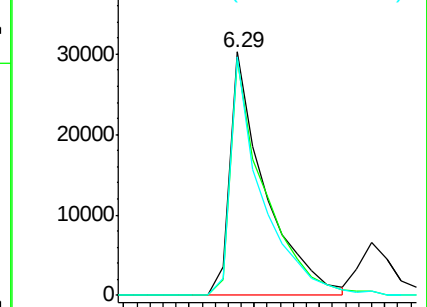
106 97.9 77.6 117.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 35.70 ng

RT: 6.40 min Scan# 395

Delta R.T. -0.00 min

Lab File: BF093575.D

Acq: 11 Mar 2017 18:53

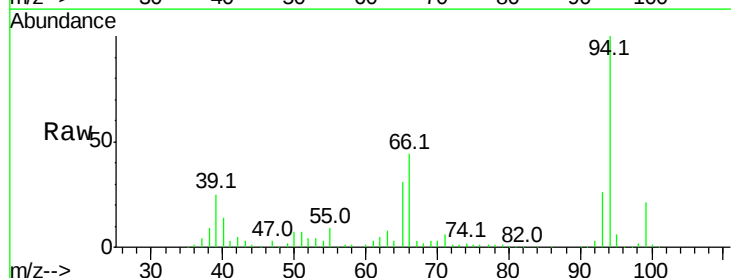
Tgt Ion: 94 Resp: 604317

Ion Ratio Lower Upper

94 100

65 31.1 21.4 61.4

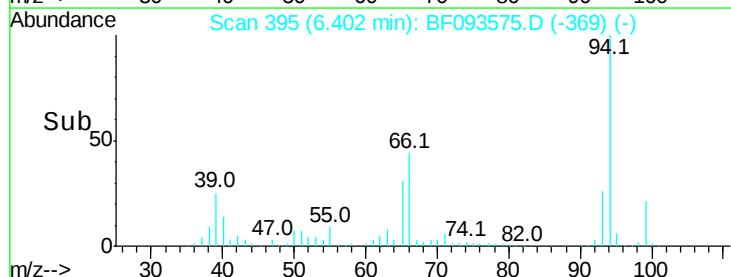
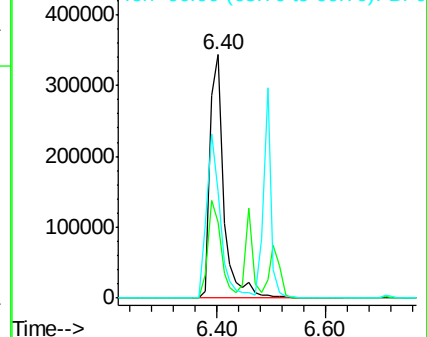
66 43.9 44.0 84.0#



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 29.06 ng

RT: 6.46 min Scan# 400

Delta R.T. -0.00 min

Lab File: BF093575.D

Acq: 11 Mar 2017 18:53

Instrument :

BNA_F

ClientSampled :

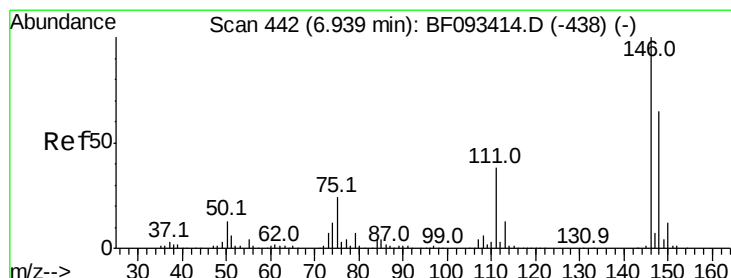
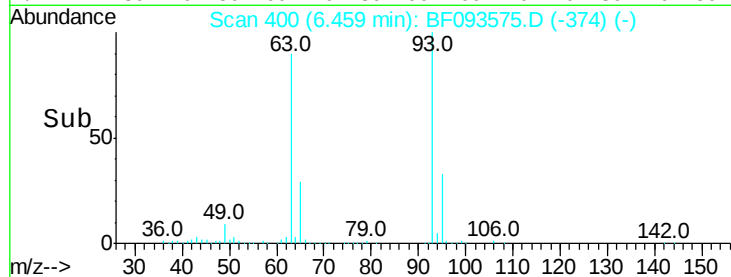
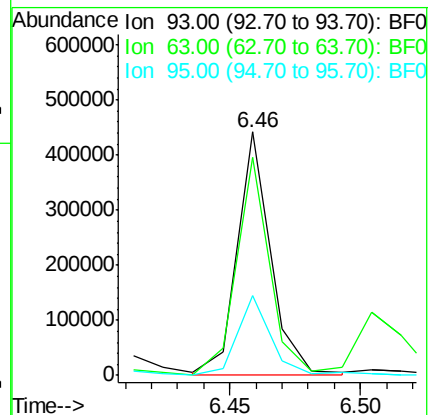
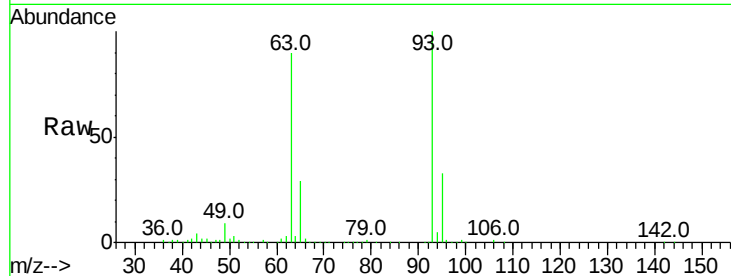
Tot Ion: 93 Resp: 397632

Ion Ratio Lower Upper

93 100

63 89.8 60.4 100.4

95 33.0 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 28.56 ng

RT: 6.65 min Scan# 417

Delta R.T. -0.00 min

Lab File: BF093575.D

Acq: 11 Mar 2017 18:53

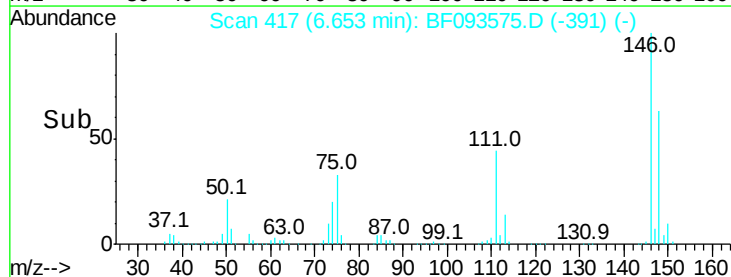
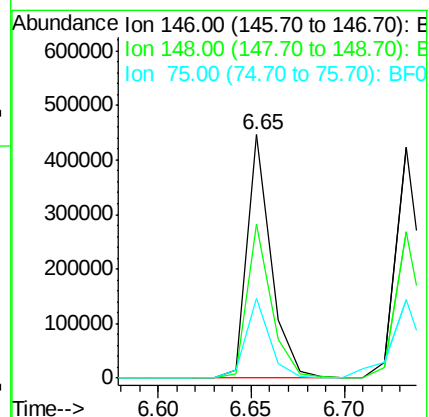
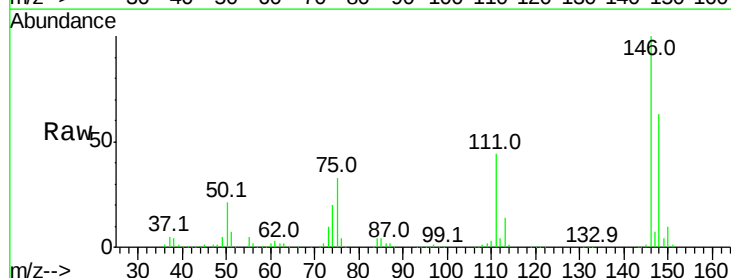
Tgt Ion: 146 Resp: 401229

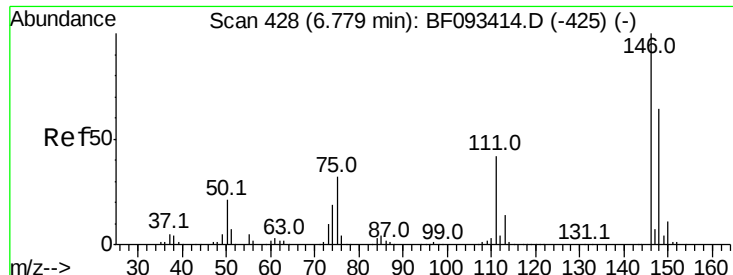
Ion Ratio Lower Upper

146 100

148 63.4 53.4 80.0

75 32.6 18.5 27.7#

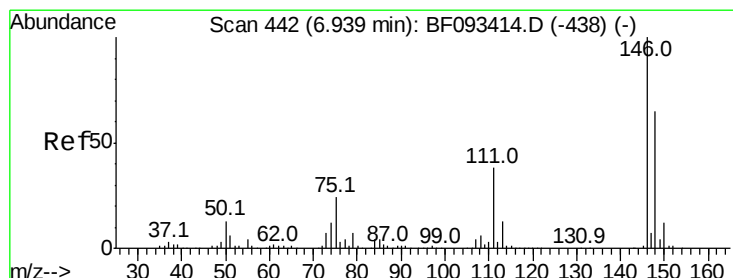
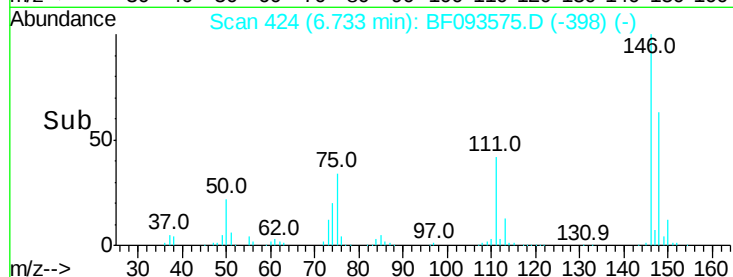
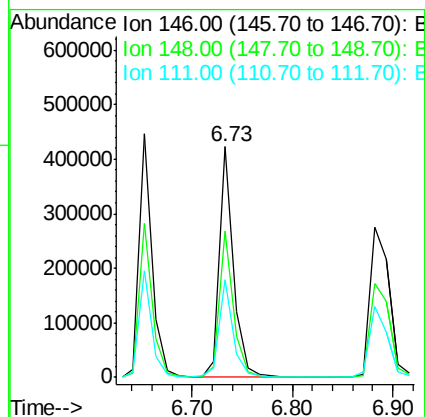
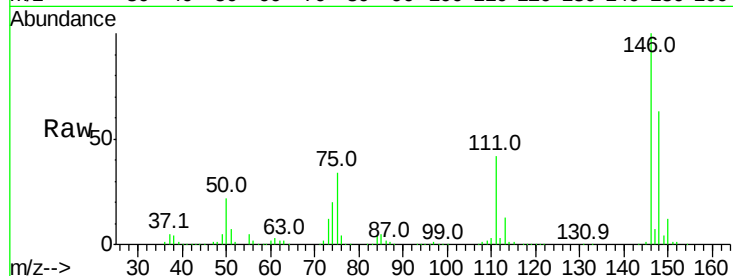




#13
 1,4-Dichlorobenzene
 Concen: 28.72 ng
 RT: 6.73 min Scan# 424
 Delta R.T. -0.00 min
 Lab File: BF093575.D
 Acq: 11 Mar 2017 18:53

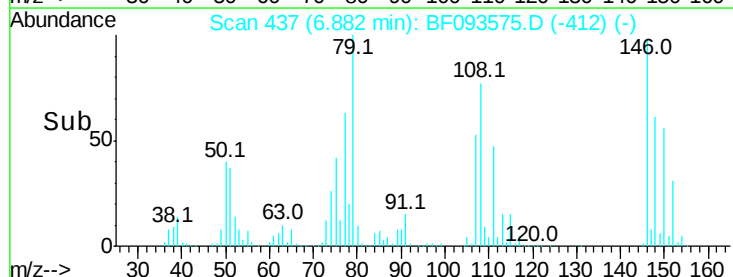
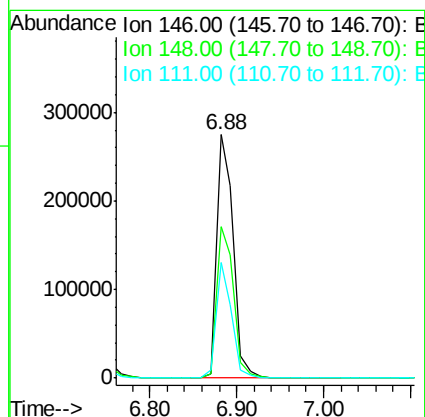
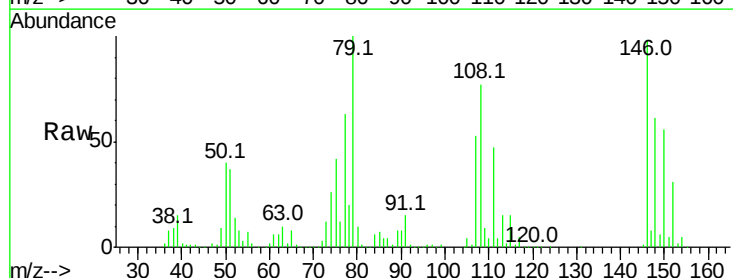
Instrument :
 BNA_F
 ClientSampleId :

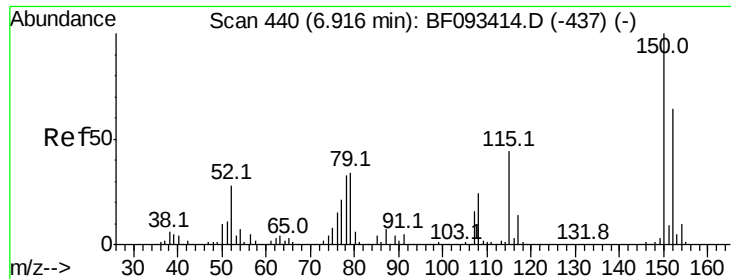
Tot Ion:146 Resp: 413145
 Ion Ratio Lower Upper
 146 100
 148 63.3 50.6 76.0
 111 42.1 36.2 54.4



#14
 1,2-Dichlorobenzene
 Concen: 28.74 ng
 RT: 6.88 min Scan# 437
 Delta R.T. -0.01 min
 Lab File: BF093575.D
 Acq: 11 Mar 2017 18:53

Tgt Ion:146 Resp: 366091
 Ion Ratio Lower Upper
 146 100
 148 62.5 52.2 78.2
 111 47.5 36.2 54.2

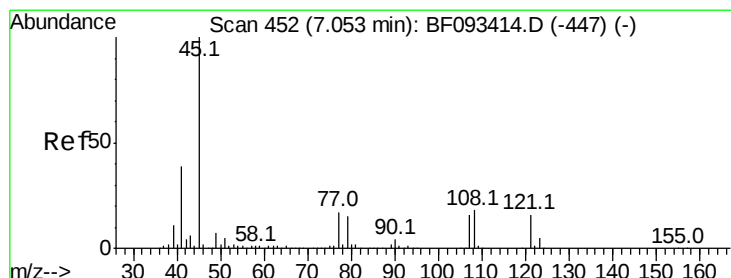
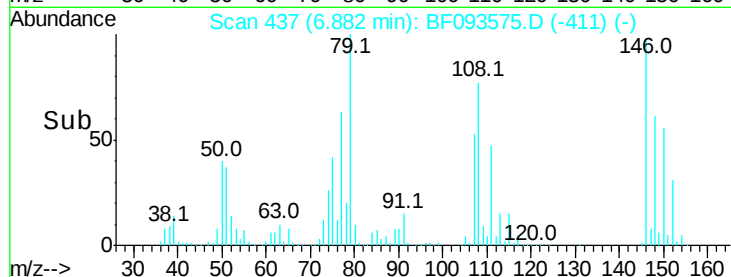
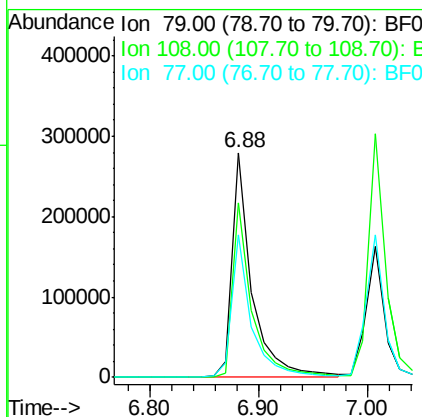
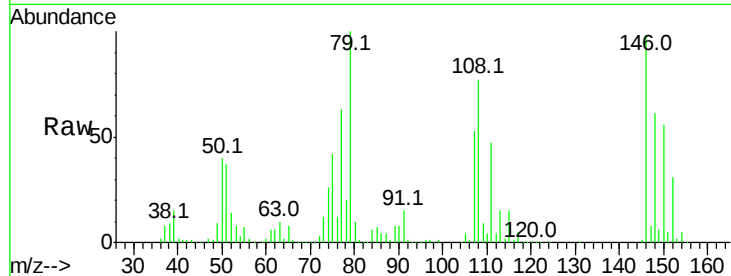




#15
Benzyl Alcohol
Concen: 35.71 ng
RT: 6.88 min Scan# 437
Delta R.T. -0.00 min
Lab File: BF093575.D
Acq: 11 Mar 2017 18:53

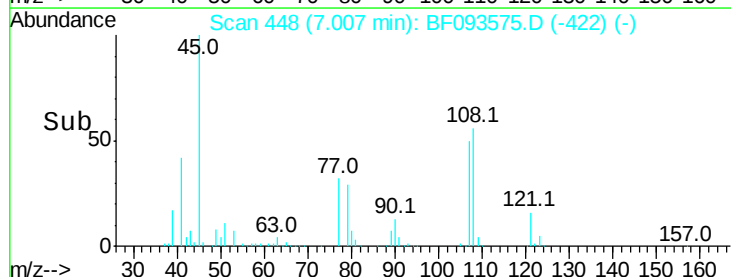
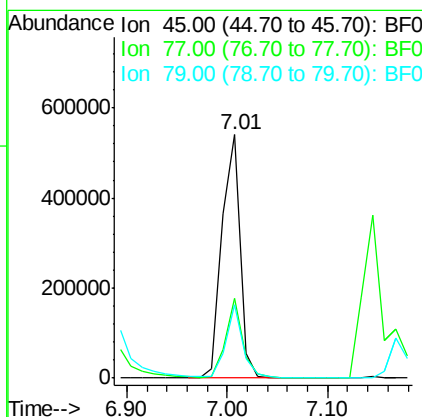
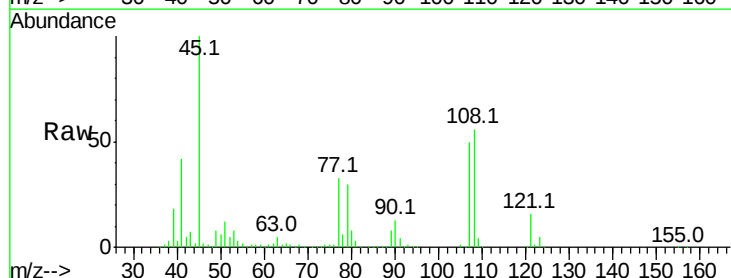
Instrument :
BNA_F
ClientSampleId :

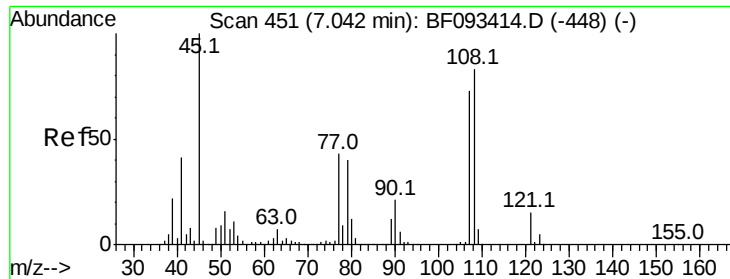
Tot Ion: 79 Resp: 351725
Ion Ratio Lower Upper
79 100
108 77.3 61.4 92.0
77 63.5 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 29.89 ng
RT: 7.01 min Scan# 448
Delta R.T. -0.00 min
Lab File: BF093575.D
Acq: 11 Mar 2017 18:53

Tgt Ion: 45 Resp: 679389
Ion Ratio Lower Upper
45 100
77 32.7 0.0 34.6
79 30.2 0.0 31.2

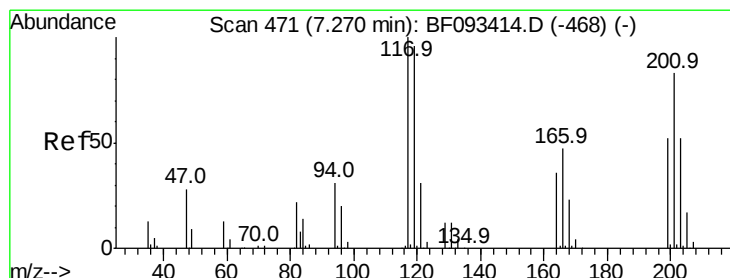
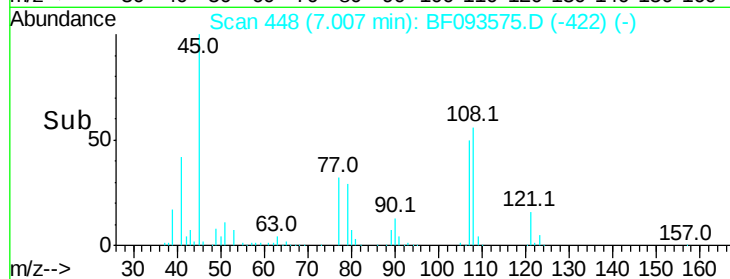
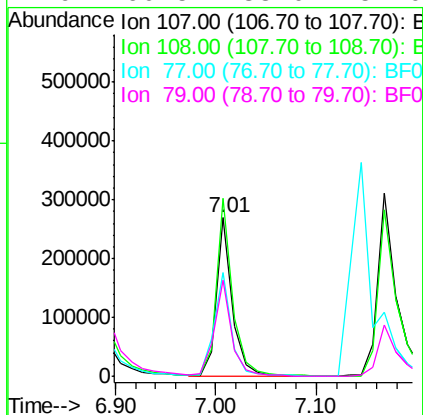
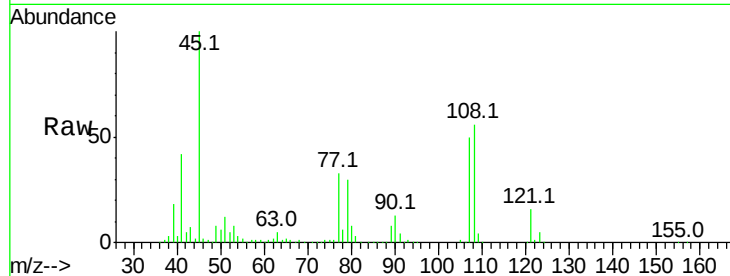




#17
2-Methylphenol
Concen: 28.21 ng
RT: 7.01 min Scan# 448
Delta R.T. -0.00 min
Lab File: BF093575.D
Acq: 11 Mar 2017 18:53

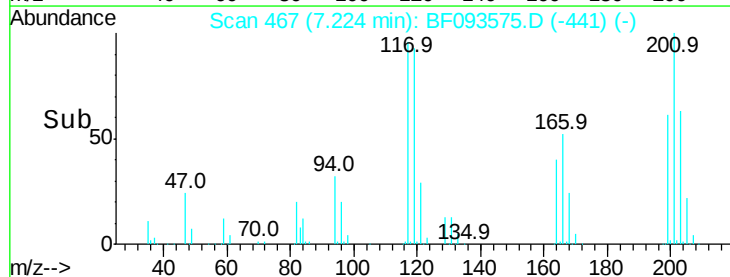
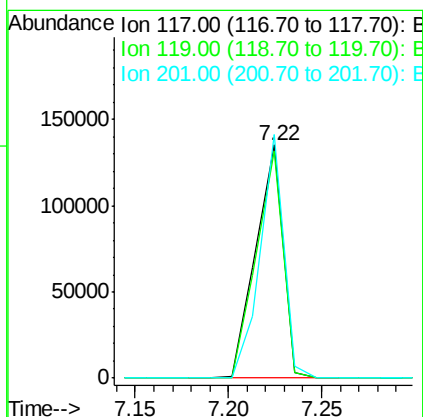
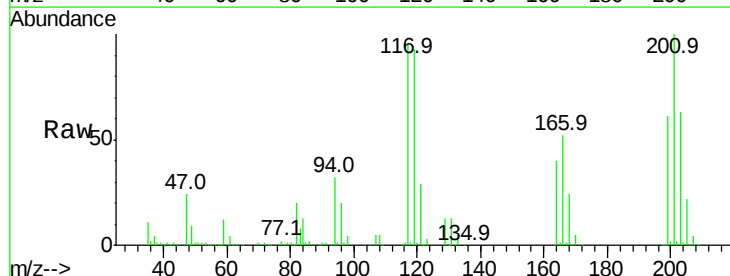
Instrument :
BNA_F
ClientSampled :

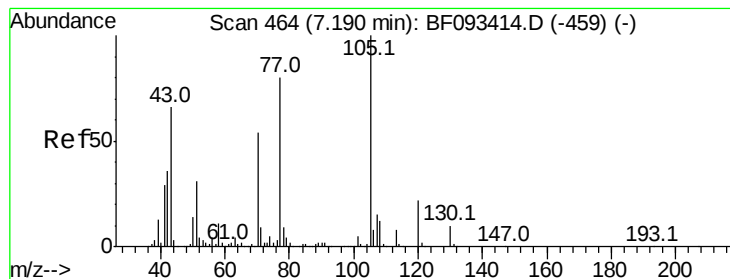
Tot Ion:107 Resp: 292873
Ion Ratio Lower Upper
107 100
108 112.3 93.0 139.6
77 65.5 39.8 59.8#
79 60.5 38.0 57.0#



#18
Hexachloroethane
Concen: 28.79 ng
RT: 7.22 min Scan# 467
Delta R.T. -0.00 min
Lab File: BF093575.D
Acq: 11 Mar 2017 18:53

Tgt Ion:117 Resp: 139670
Ion Ratio Lower Upper
117 100
119 97.2 78.1 117.1
201 104.5 78.6 117.8





#19

n-Nitroso-di-n-propylamine

Concen: 33.47 ng

RT: 7.14 min Scan# 460

Delta R.T. -0.00 min

Lab File: BF093575.D

Acq: 11 Mar 2017 18:53

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 317890

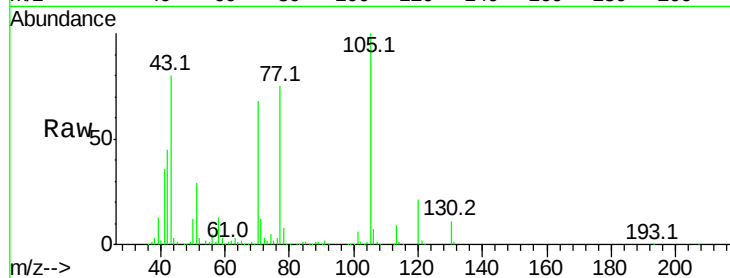
Ion Ratio Lower Upper

70 100

42 66.1 49.4 74.0

101 8.7 7.4 11.2

130 16.8 14.2 21.4

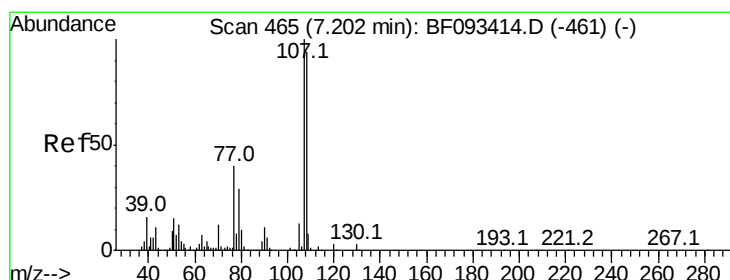
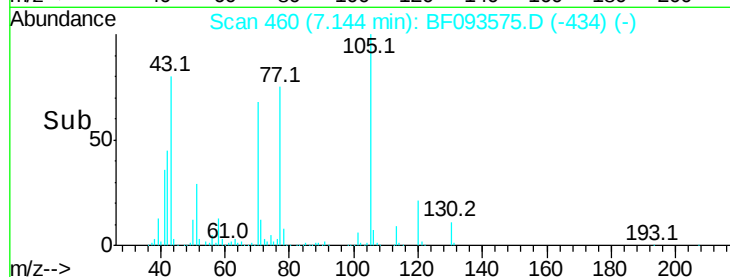
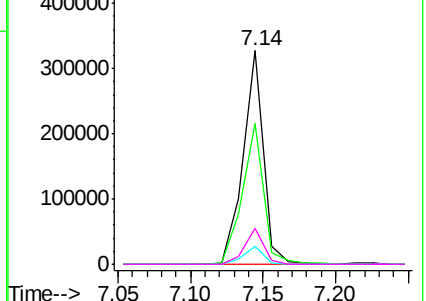


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 31.06 ng

RT: 7.17 min Scan# 462

Delta R.T. -0.00 min

Lab File: BF093575.D

Acq: 11 Mar 2017 18:53

Tgt Ion: 107 Resp: 418210

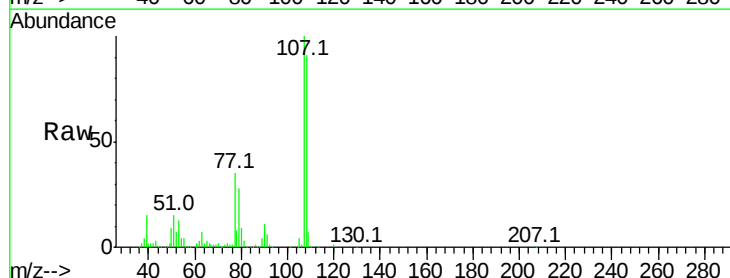
Ion Ratio Lower Upper

107 100

108 90.7 73.0 113.0

77 34.8 71.3 111.3#

79 28.2 11.1 51.1

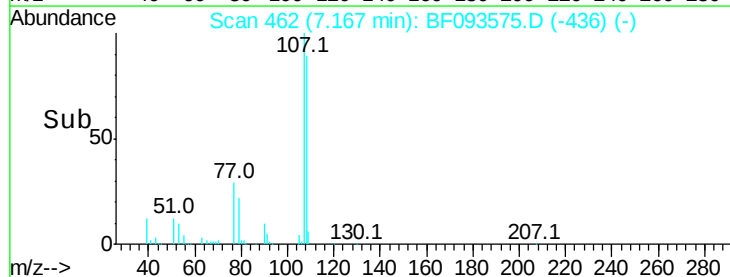
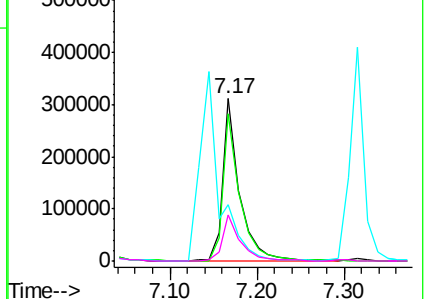


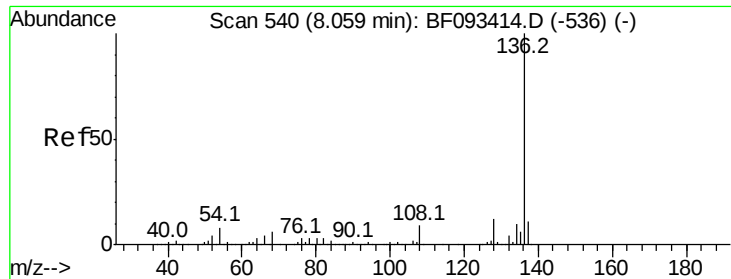
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

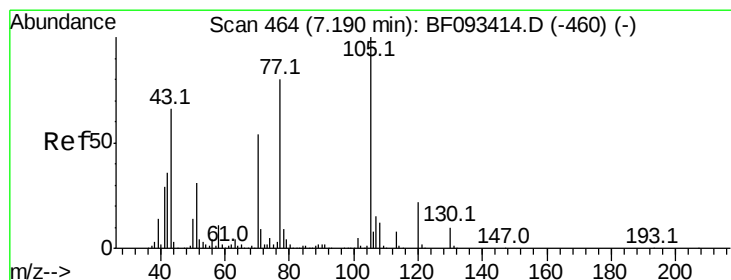
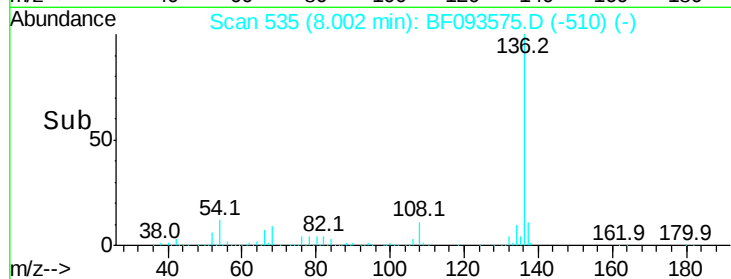
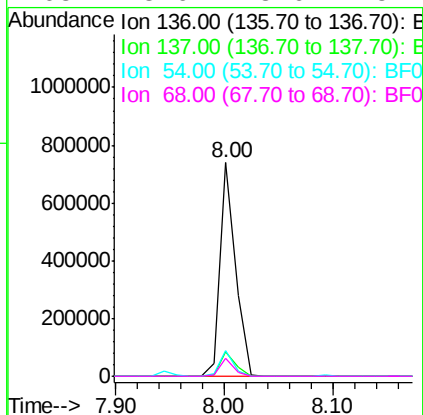
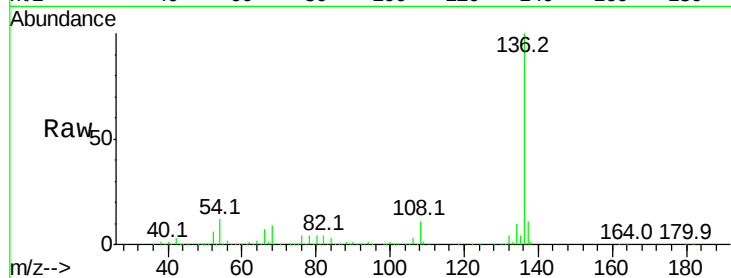




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF093575.D
Acq: 11 Mar 2017 18:53

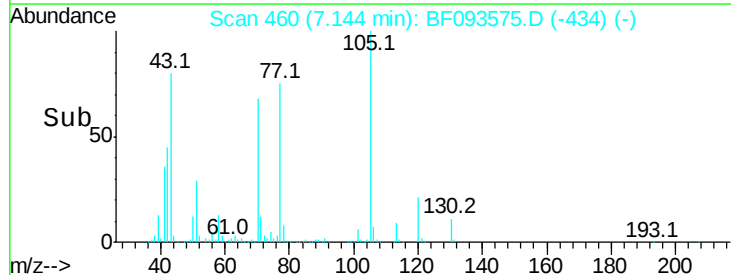
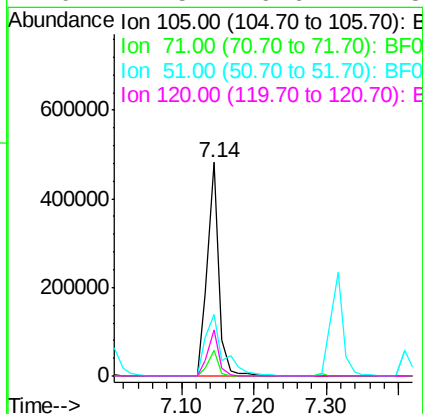
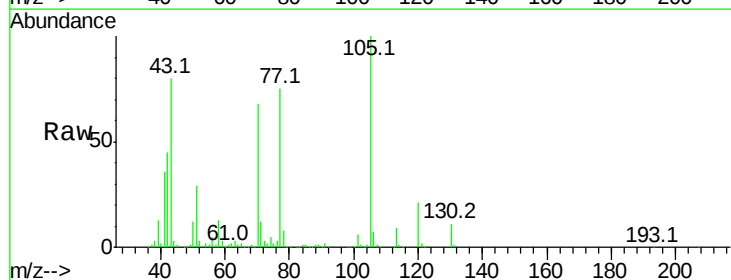
Instrument :
BNA_F
ClientSampleId :

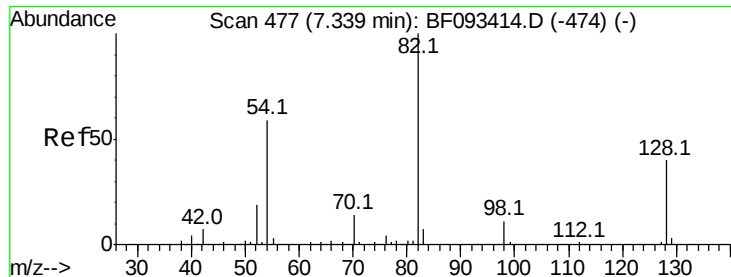
Tot Ion:136	Resp:	734730
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.4 12.6
54	12.1	4.5 6.7#
68	8.6	3.6 5.4#



#22
Acetophenone
Concen: 30.09 ng
RT: 7.14 min Scan# 460
Delta R.T. -0.00 min
Lab File: BF093575.D
Acq: 11 Mar 2017 18:53

Tgt Ion:105	Resp:	532094
Ion Ratio	Lower	Upper
105	100	
71	12.0	3.2 4.8#
51	28.7	26.2 39.4
120	21.5	16.6 24.8

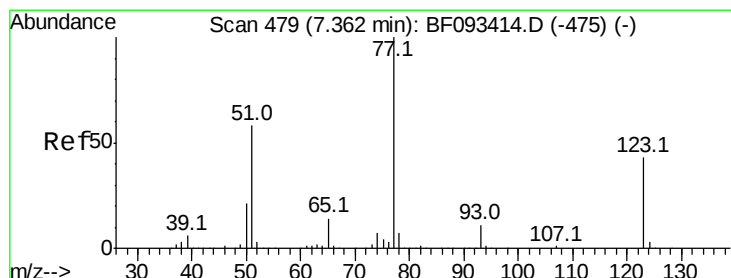
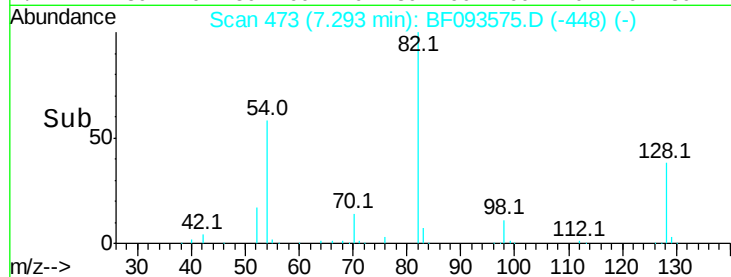
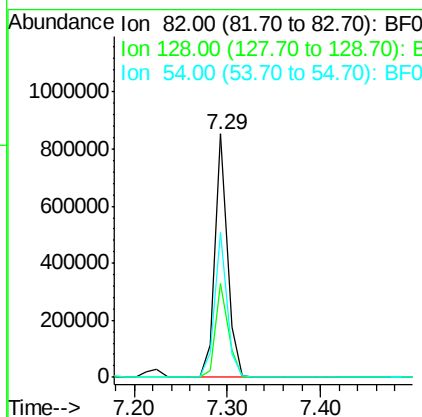
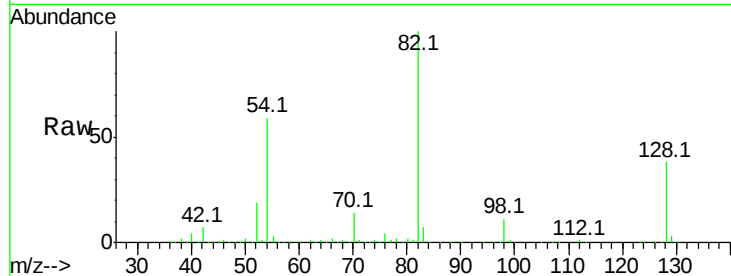




#23
 Nitrobenzene-d5
 Concen: 60.18 ng
 RT: 7.29 min Scan# 473
 Delta R.T. -0.01 min
 Lab File: BF093575.D
 Acq: 11 Mar 2017 18:53

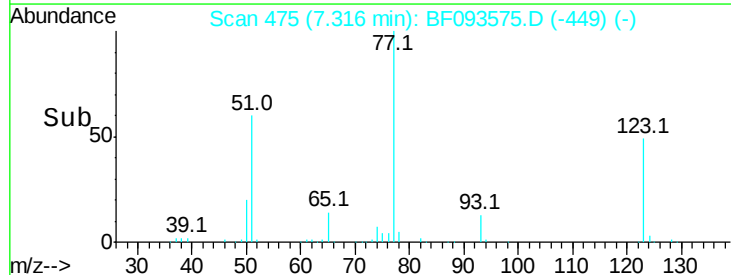
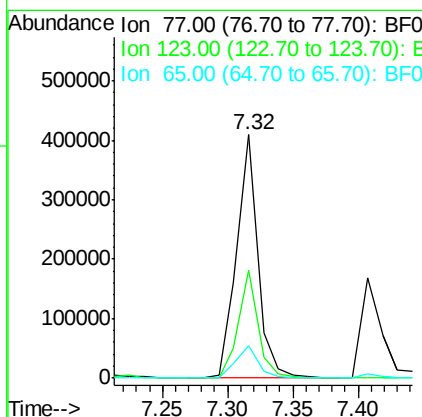
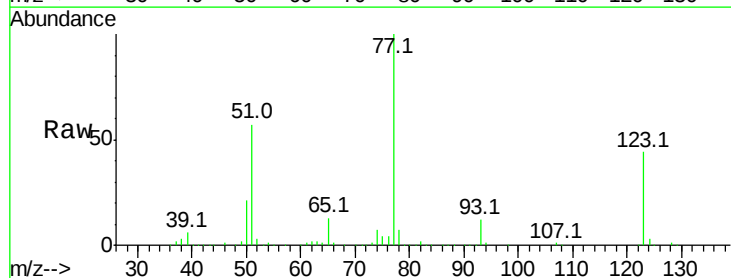
Instrument :
 BNA_F
 ClientSampleId :

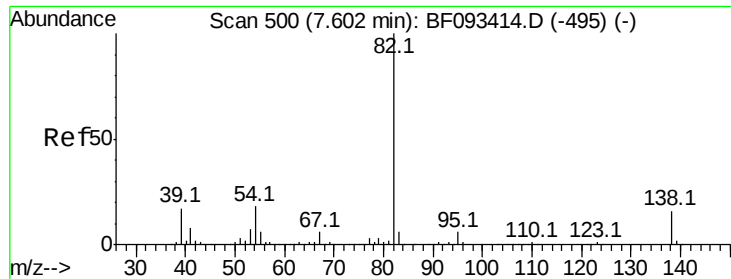
Tot Ion: 82 Resp: 796904
 Ion Ratio Lower Upper
 82 100
 128 38.4 34.6 52.0
 54 59.4 39.5 59.3#



#24
 Nitrobenzene
 Concen: 30.90 ng
 RT: 7.32 min Scan# 475
 Delta R.T. -0.00 min
 Lab File: BF093575.D
 Acq: 11 Mar 2017 18:53

Tgt Ion: 77 Resp: 459898
 Ion Ratio Lower Upper
 77 100
 123 44.2 33.0 49.4
 65 13.4 11.2 16.8





#25

Isophorone

Concen: 30.50 ng

RT: 7.56 min Scan# 496

Delta R.T. -0.00 min

Lab File: BF093575.D

Acq: 11 Mar 2017 18:53

Instrument :

BNA_F

ClientSampleId :

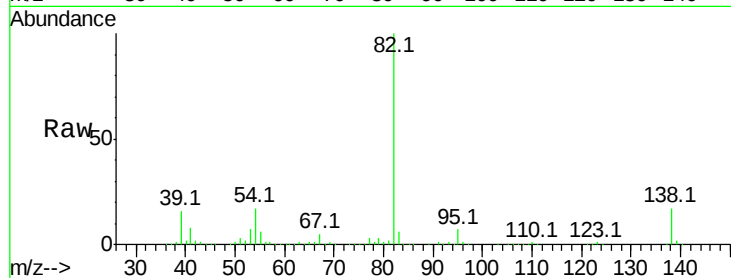
Tot Ion: 82 Resp: 814449

Ion Ratio Lower Upper

82 100

95 6.7 5.6 8.4

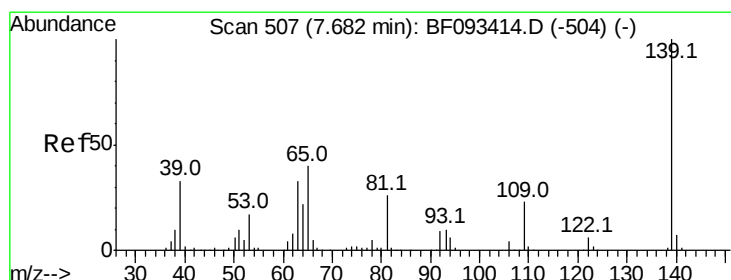
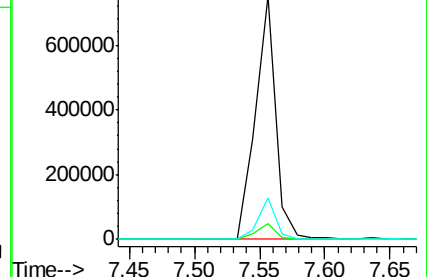
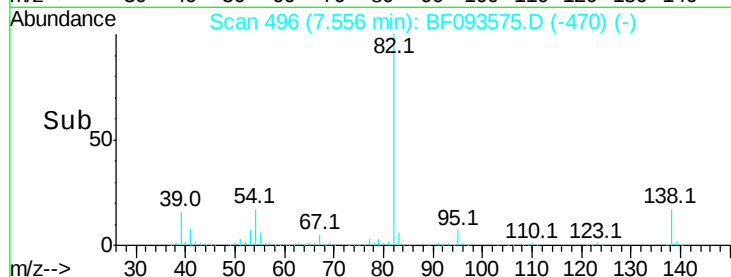
138 16.8 14.6 22.0



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: 29.24 ng

RT: 7.64 min Scan# 503

Delta R.T. -0.00 min

Lab File: BF093575.D

Acq: 11 Mar 2017 18:53

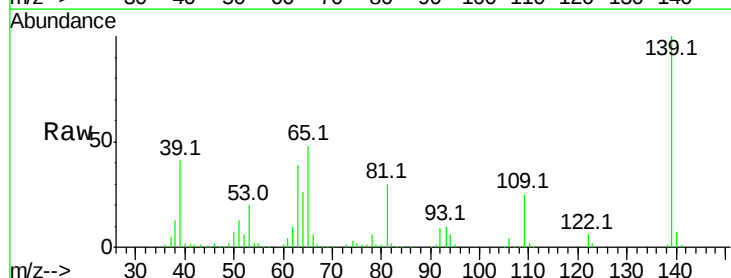
Tgt Ion: 139 Resp: 198571

Ion Ratio Lower Upper

139 100

109 24.6 23.3 34.9

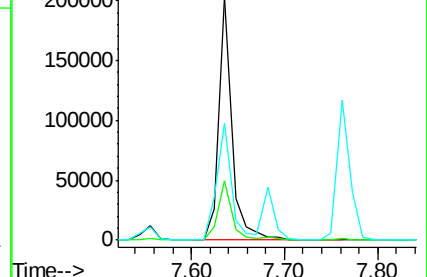
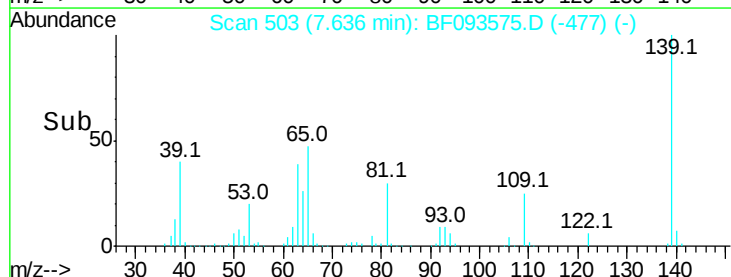
65 48.2 42.7 64.1

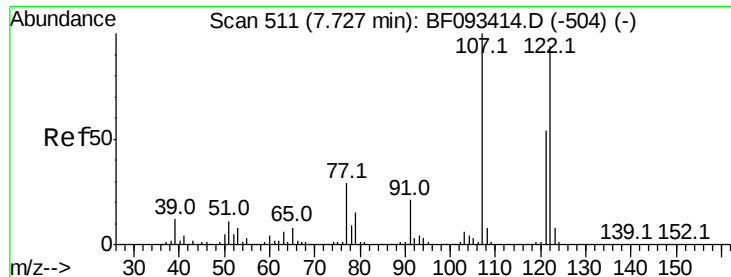


Abundance Ion 139.00 (138.70 to 139.70): BF0

Ion 109.00 (108.70 to 109.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

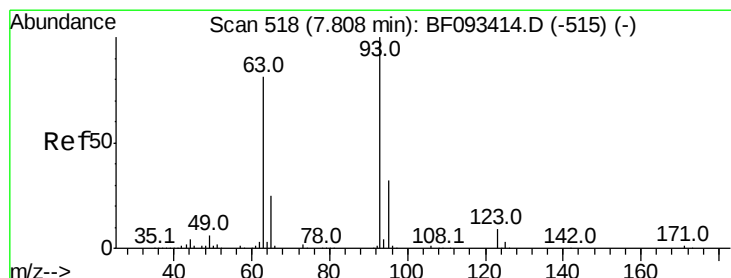
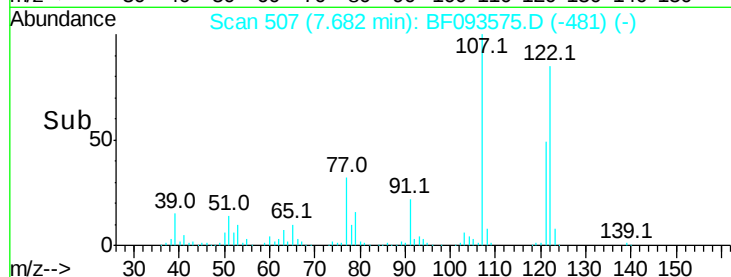
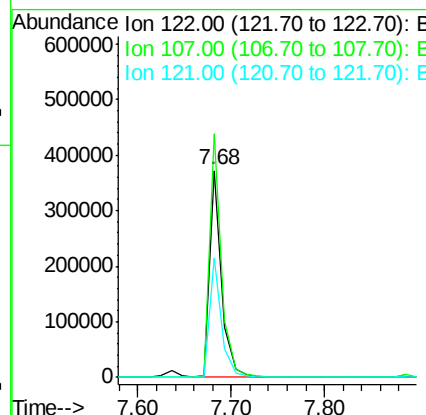
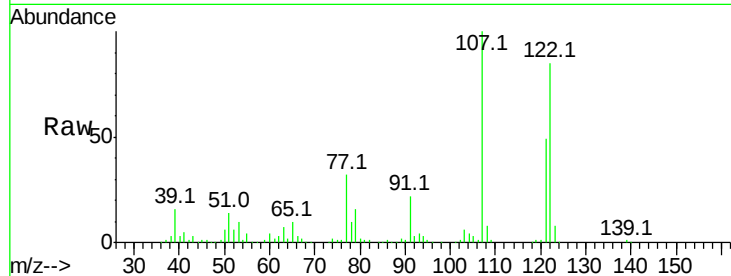




#27
 2,4-Dimethylphenol
 Concen: 30.42 ng
 RT: 7.68 min Scan# 507
 Delta R.T. -0.00 min
 Lab File: BF093575.D
 Acq: 11 Mar 2017 18:53

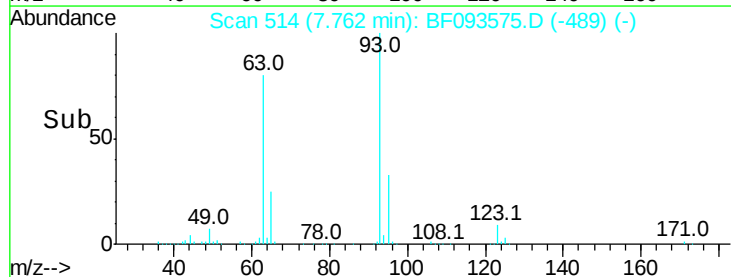
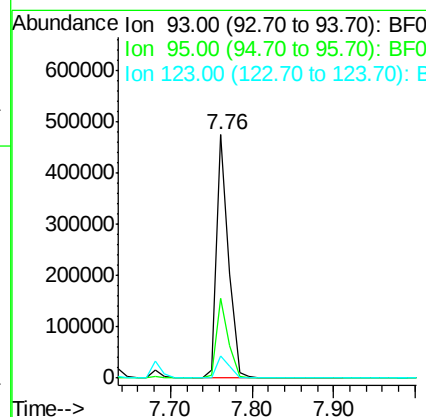
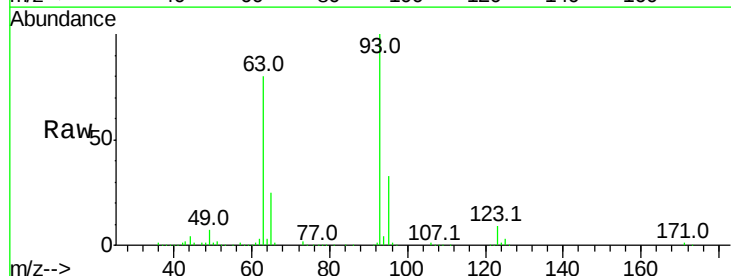
Instrument :
 BNA_F
 ClientSampleId :

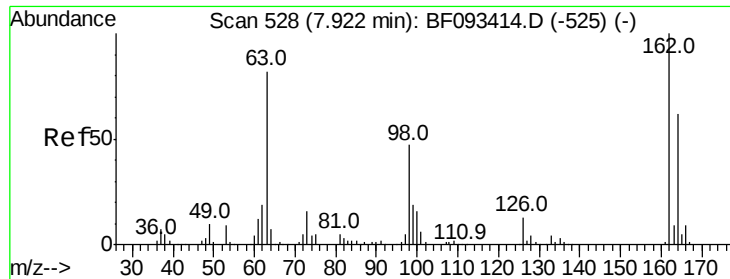
Tot Ion:122 Resp: 336067
 Ion Ratio Lower Upper
 122 100
 107 117.6 94.1 141.1
 121 57.9 46.0 69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 29.06 ng
 RT: 7.76 min Scan# 514
 Delta R.T. -0.01 min
 Lab File: BF093575.D
 Acq: 11 Mar 2017 18:53

Tgt Ion: 93 Resp: 489965
 Ion Ratio Lower Upper
 93 100
 95 32.8 26.5 39.7
 123 9.1 8.6 13.0

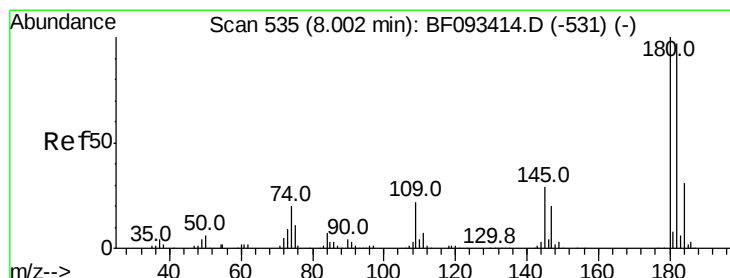
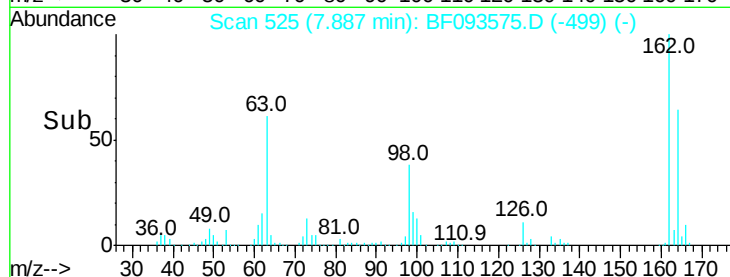
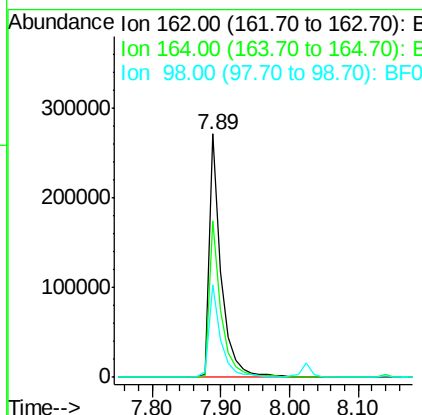
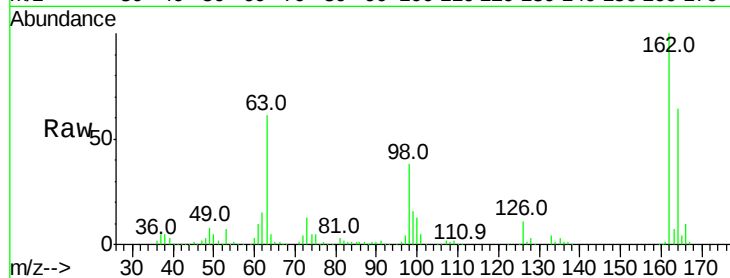




#29
 2,4-Dichlorophenol
 Concen: 31.74 ng
 RT: 7.89 min Scan# 525
 Delta R.T. -0.00 min
 Lab File: BF093575.D
 Acq: 11 Mar 2017 18:53

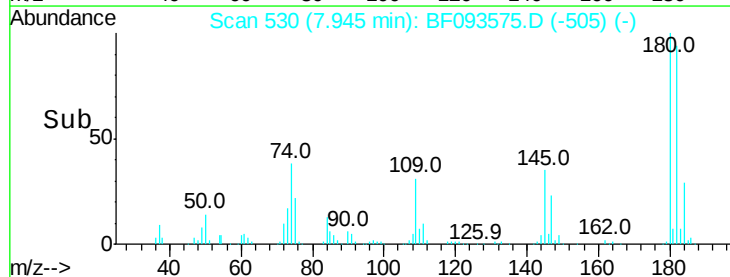
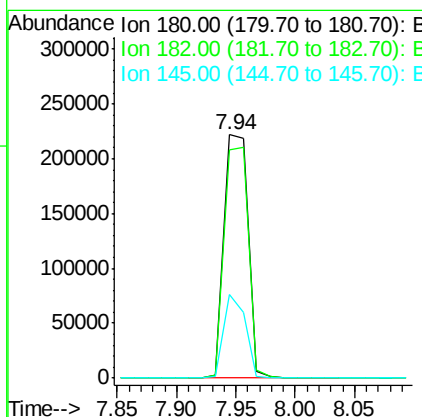
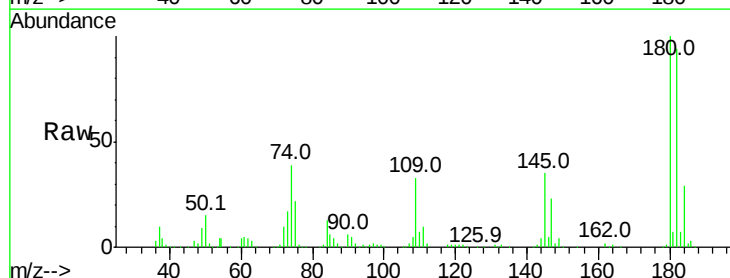
Instrument :
 BNA_F
 ClientSampleId :

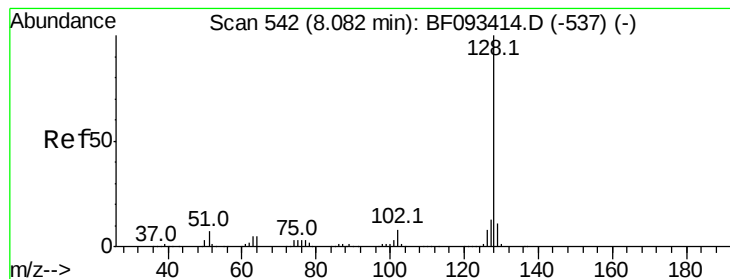
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.1	46.8	86.8
98	37.8	9.1	49.1



#30
 1,2,4-Trichlorobenzene
 Concen: 28.01 ng
 RT: 7.94 min Scan# 530
 Delta R.T. -0.01 min
 Lab File: BF093575.D
 Acq: 11 Mar 2017 18:53

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	78.2	117.4
145	34.5	21.6	32.4#





#31

Naphthalene

Concen: 27.96 ng

RT: 8.02 min Scan# 537

Delta R.T. -0.01 min

Lab File: BF093575.D

Acq: 11 Mar 2017 18:53

Instrument :

BNA_F

ClientSampleId :

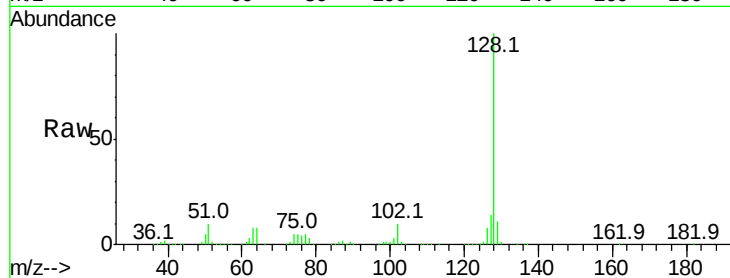
Tot Ion:128 Resp: 1029377

Ion Ratio Lower Upper

128 100

129 11.5 9.5 14.3

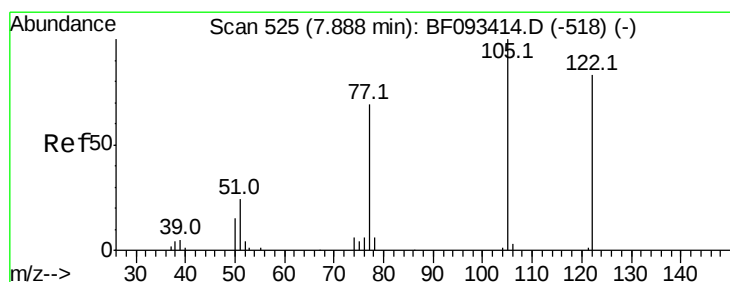
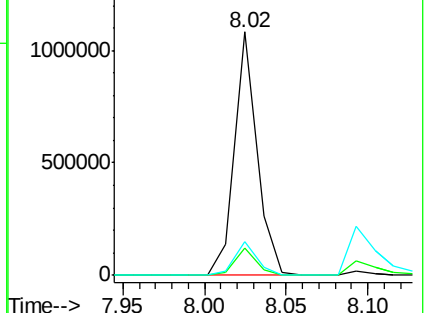
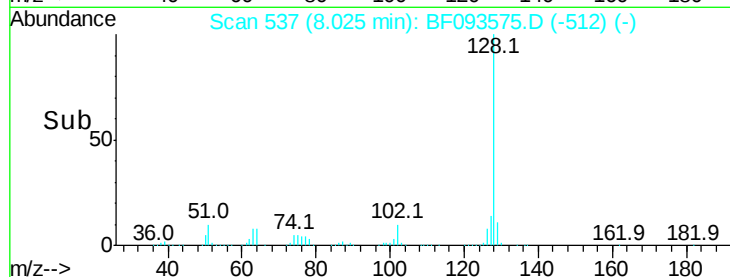
127 13.7 10.8 16.2



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: 58.55 ng

RT: 7.68 min Scan# 507

Delta R.T. -0.17 min

Lab File: BF093575.D

Acq: 11 Mar 2017 18:53

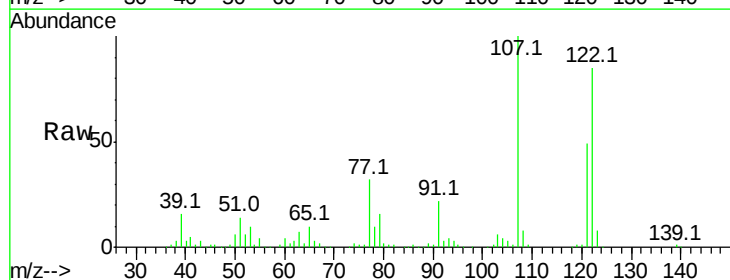
Tgt Ion:122 Resp: 336067

Ion Ratio Lower Upper

122 100

105 4.0 107.2 147.2#

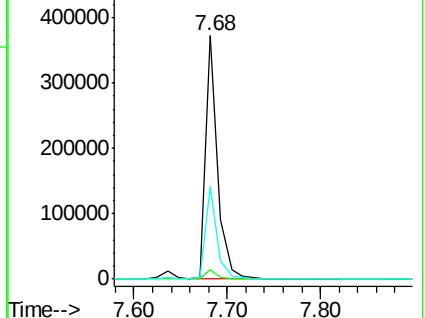
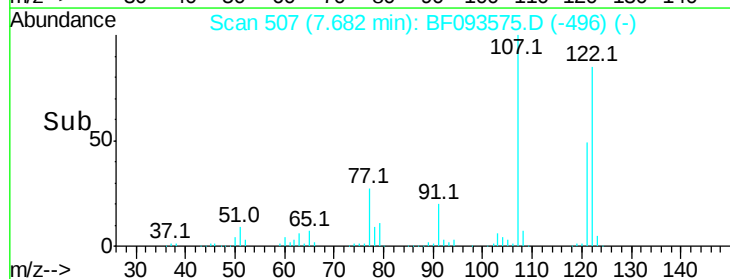
77 38.1 74.5 114.5#

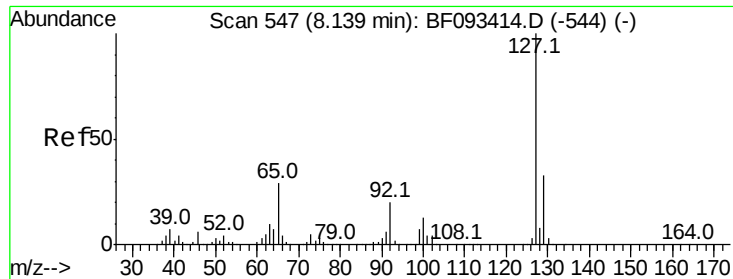


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

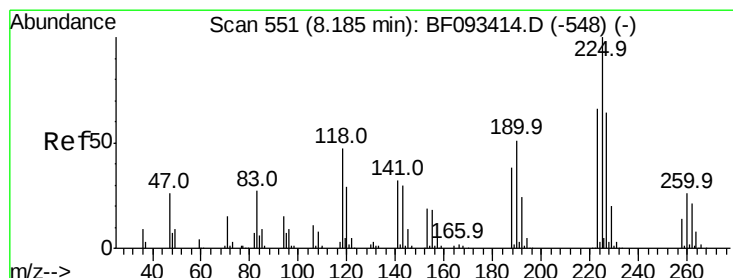
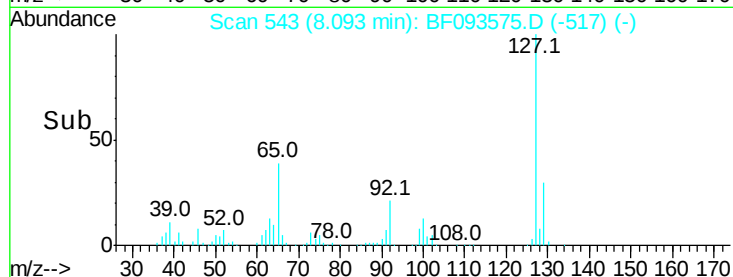
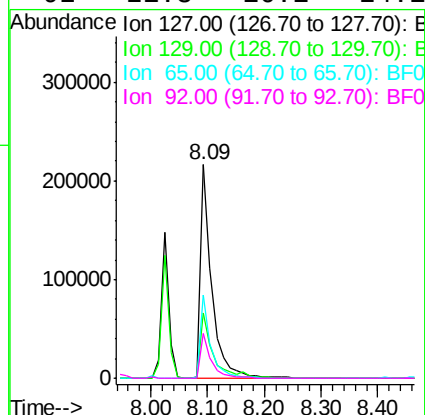
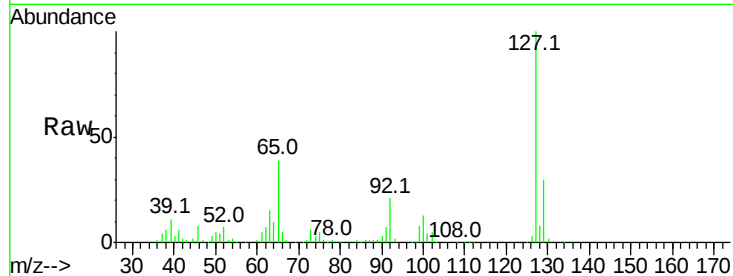




#33
4-Chloroaniline
Concen: 19.65 ng
RT: 8.09 min Scan# 543
Delta R.T. -0.00 min
Lab File: BF093575.D
Acq: 11 Mar 2017 18:53

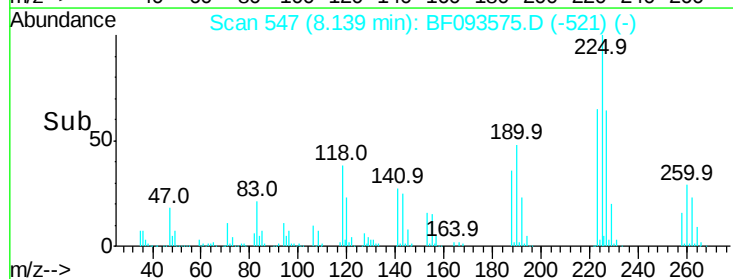
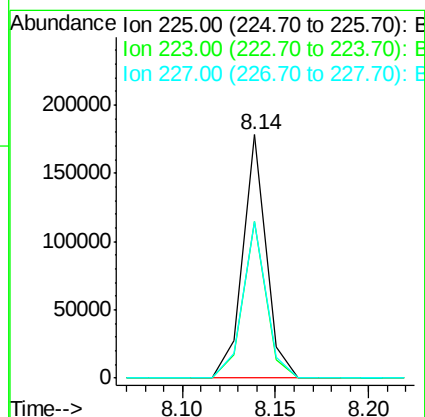
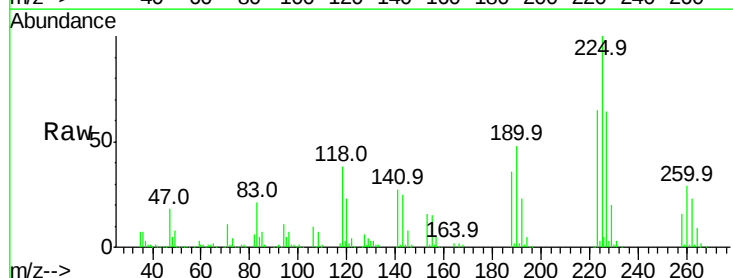
Instrument :
BNA_F
ClientSampleId :

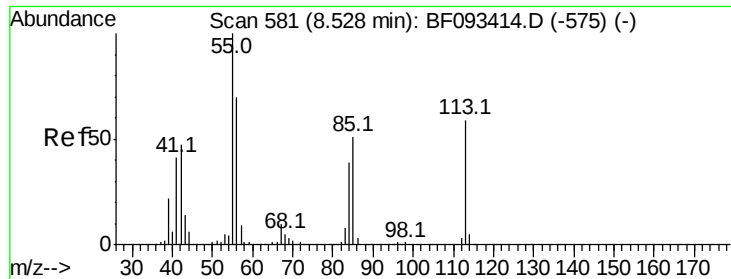
Tot Ion:	127	Resp:	293626
Ion	Ratio	Lower	Upper
127	100		
129	30.3	26.3	39.5
65	39.2	25.8	38.8#
92	21.3	16.1	24.1



#34
Hexachlorobutadiene
Concen: 27.61 ng
RT: 8.14 min Scan# 547
Delta R.T. -0.00 min
Lab File: BF093575.D
Acq: 11 Mar 2017 18:53

Tgt Ion:	225	Resp:	157178
Ion	Ratio	Lower	Upper
225	100		
223	64.6	51.0	76.6
227	64.5	50.6	76.0

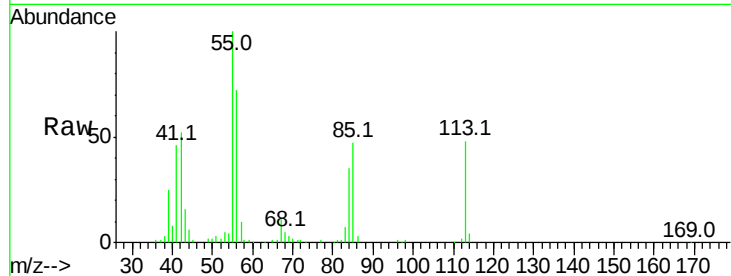




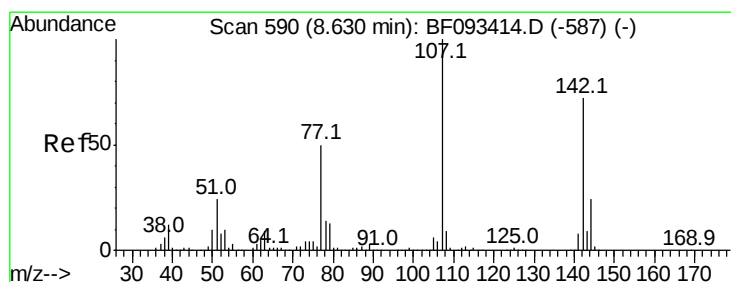
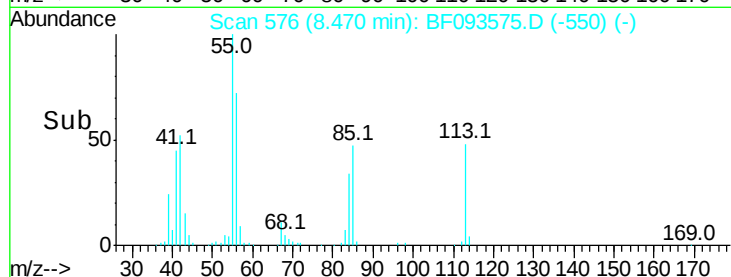
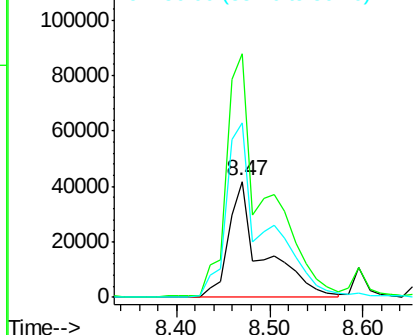
#35
 Caprolactam
 Concen: 29.98 ng
 RT: 8.47 min Scan# 576
 Delta R.T. -0.00 min
 Lab File: BF093575.D
 Acq: 11 Mar 2017 18:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 106396
 Ion Ratio Lower Upper
 113 100
 55 209.8 119.2 159.2#
 56 150.6 83.8 123.8#

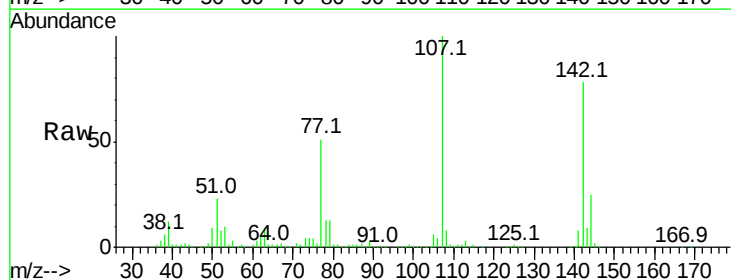


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

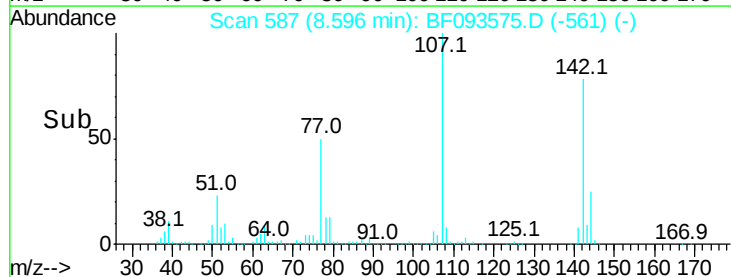
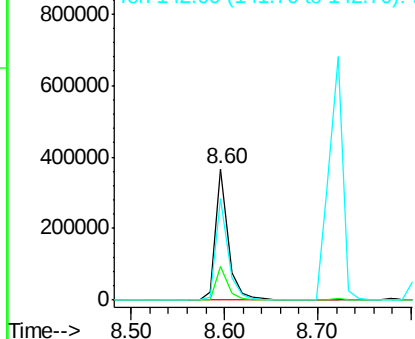


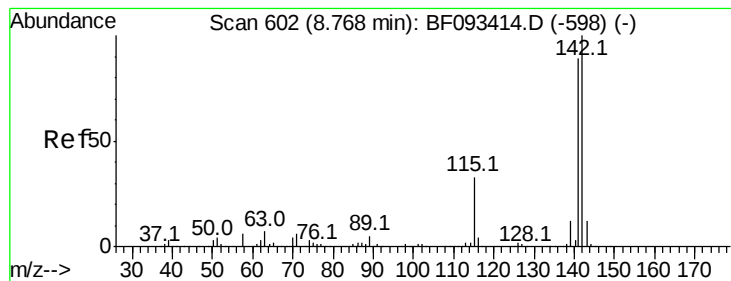
#36
 4-Chloro-3-methylphenol
 Concen: 31.06 ng
 RT: 8.60 min Scan# 587
 Delta R.T. -0.00 min
 Lab File: BF093575.D
 Acq: 11 Mar 2017 18:53

Tgt Ion:107 Resp: 344467
 Ion Ratio Lower Upper
 107 100
 144 25.4 19.3 28.9
 142 77.7 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: 29.96 ng

RT: 8.72 min Scan# 598

Delta R.T. -0.00 min

Lab File: BF093575.D

Acq: 11 Mar 2017 18:53

Instrument :

BNA_F

ClientSampled :

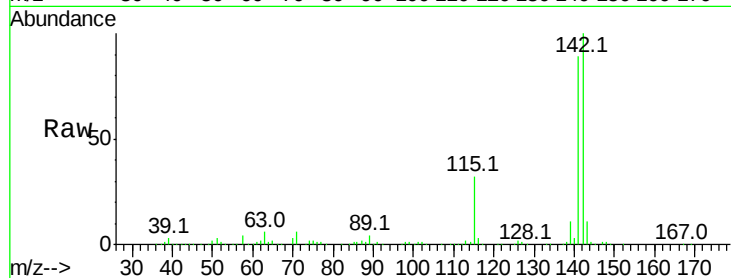
Tot Ion:142 Resp: 701962

Ion Ratio Lower Upper

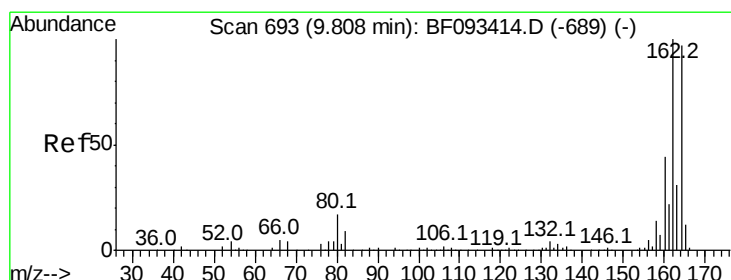
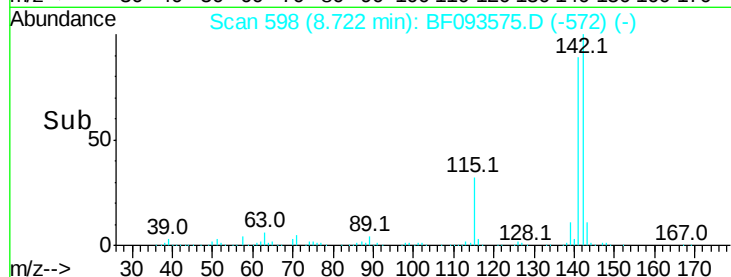
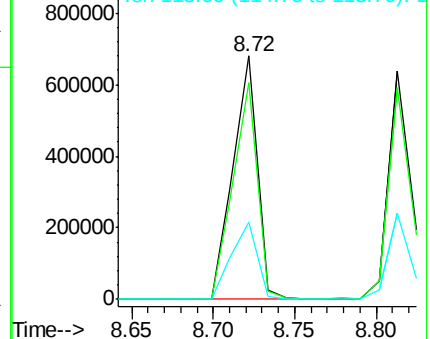
142 100

141 89.1 71.0 106.6

115 32.0 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: 9.75 min Scan# 688

Delta R.T. -0.01 min

Lab File: BF093575.D

Acq: 11 Mar 2017 18:53

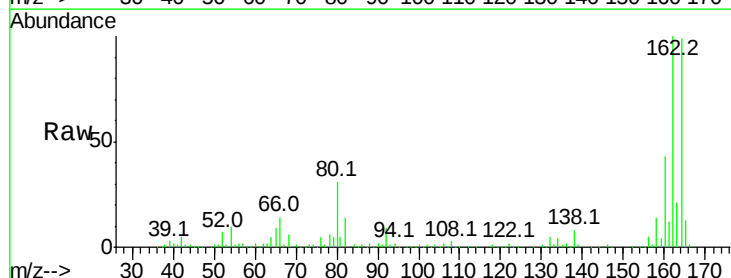
Tgt Ion:164 Resp: 350475

Ion Ratio Lower Upper

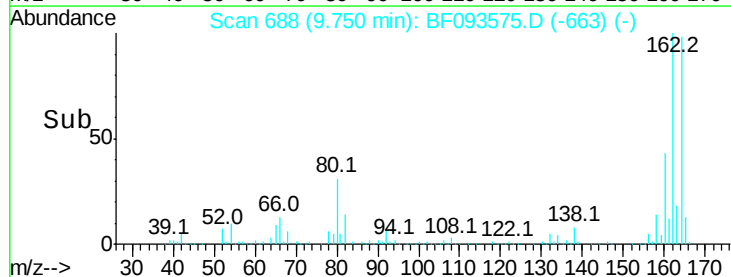
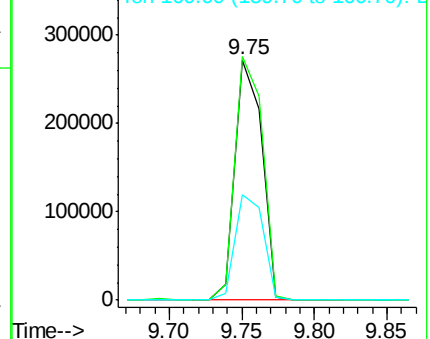
164 100

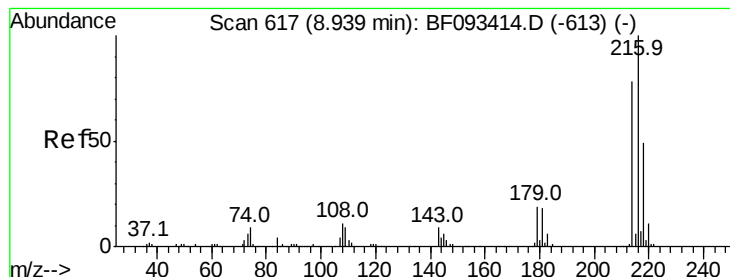
162 101.4 80.2 120.2

160 43.9 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: 29.76 ng

RT: 8.88 min Scan# 612

Delta R.T. -0.01 min

Lab File: BF093575.D

Acq: 11 Mar 2017 18:53

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 284819

Ion	Ratio	Lower	Upper
216	100		
214	80.3	63.4	95.0
179	22.1	17.4	26.2
108	22.2	15.6	23.4

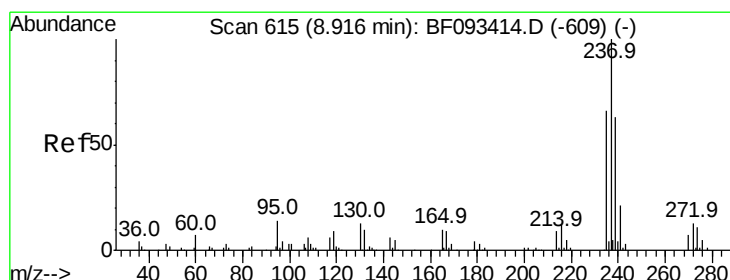
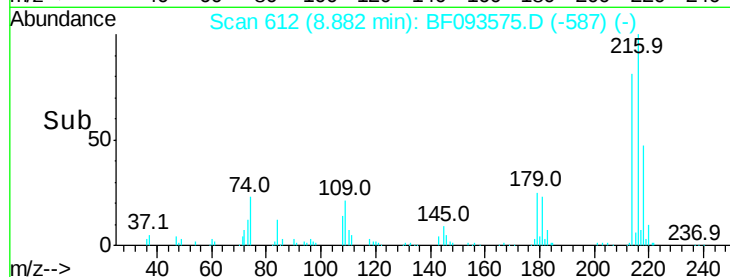
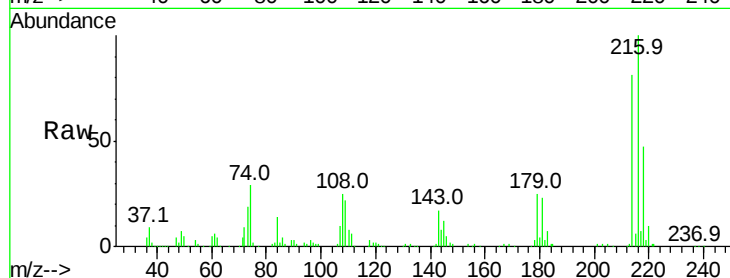
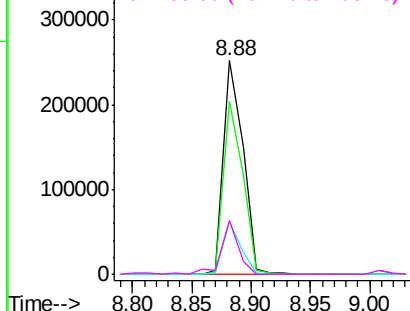
Abundance

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: 54.19 ng

RT: 8.87 min Scan# 611

Delta R.T. -0.00 min

Lab File: BF093575.D

Acq: 11 Mar 2017 18:53

Tgt Ion:237 Resp: 119763

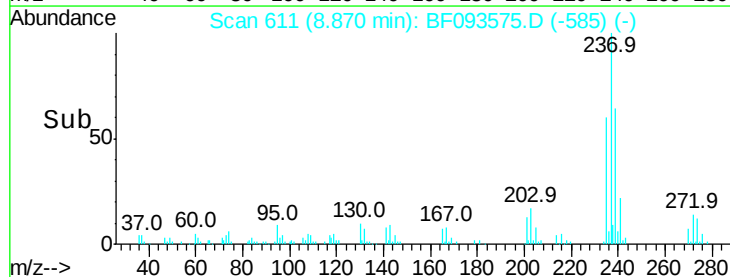
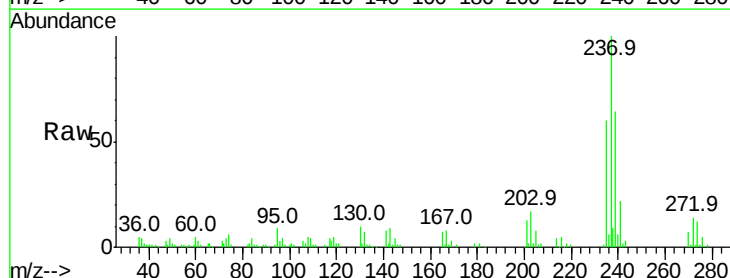
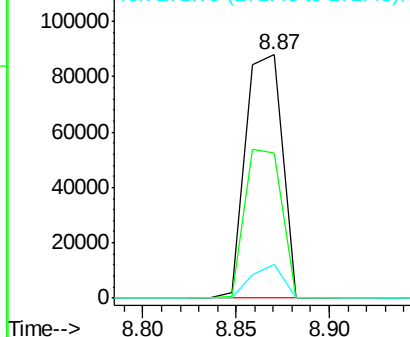
Ion	Ratio	Lower	Upper
237	100		
235	59.6	41.2	81.2
272	13.9	0.0	35.4

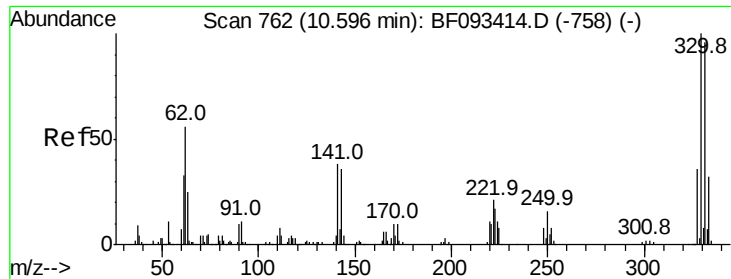
Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

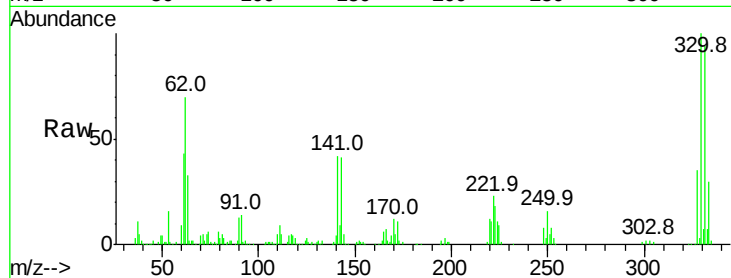




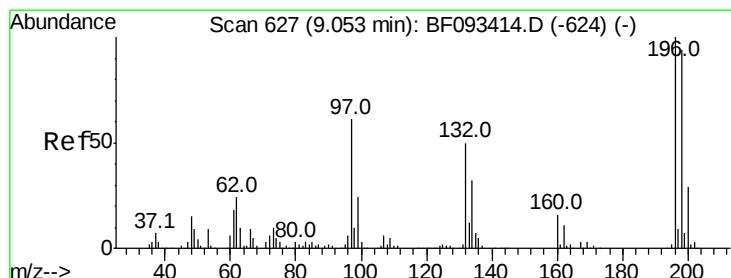
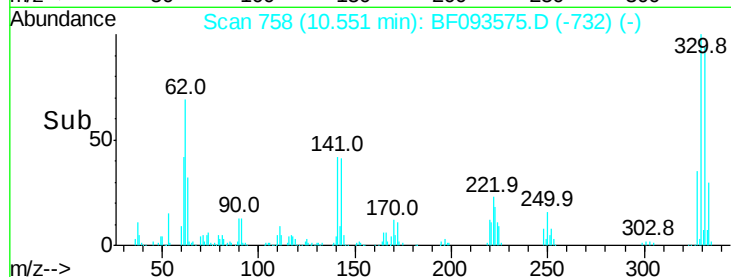
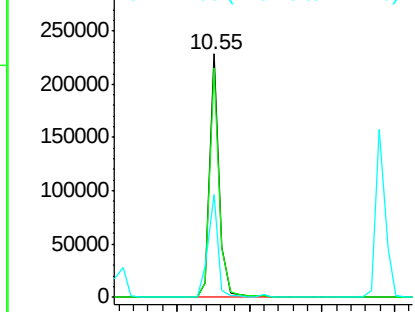
#41
 2,4,6-Tribromophenol
 Concen: 92.02 ng
 RT: 10.55 min Scan# 758
 Delta R.T. -0.00 min
 Lab File: BF093575.D
 Acq: 11 Mar 2017 18:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 210114
 Ion Ratio Lower Upper
 330 100
 332 95.2 77.4 116.2
 141 44.7 34.1 51.1

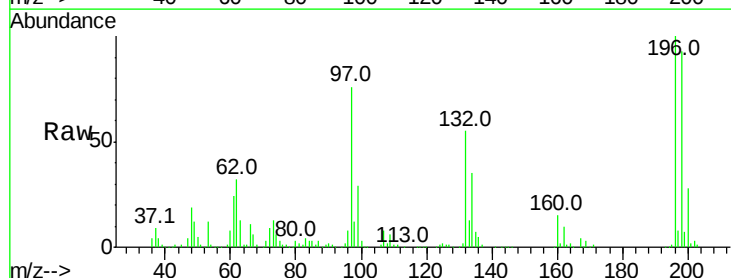


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

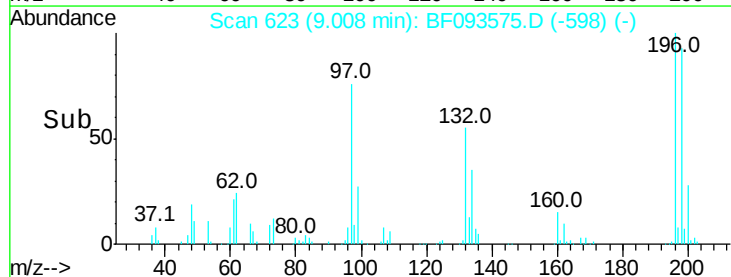
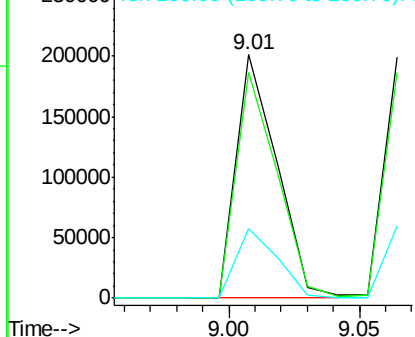


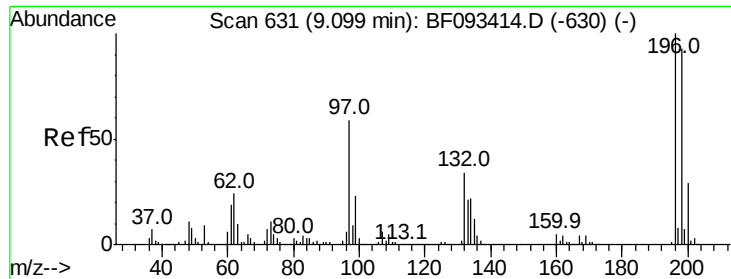
#42
 2,4,6-Trichlorophenol
 Concen: 36.89 ng
 RT: 9.01 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF093575.D
 Acq: 11 Mar 2017 18:53

Tgt Ion:196 Resp: 220546
 Ion Ratio Lower Upper
 196 100
 198 92.7 82.1 123.1
 200 28.4 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

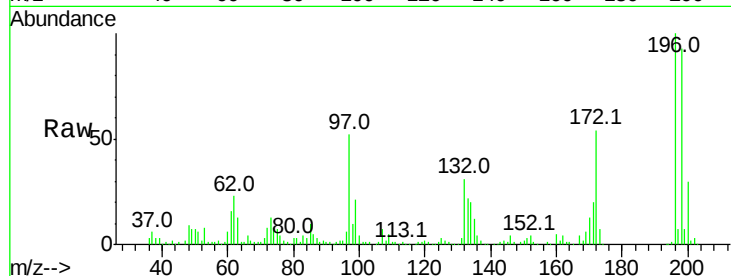




#43
 2,4,5-Trichlorophenol
 Concen: 33.30 ng
 RT: 9.06 min Scan# 628
 Delta R.T. -0.00 min
 Lab File: BF093575.D
 Acq: 11 Mar 2017 18:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	93.3	79.4	119.2
97	52.2	51.5	77.3
132	30.6	27.4	41.2



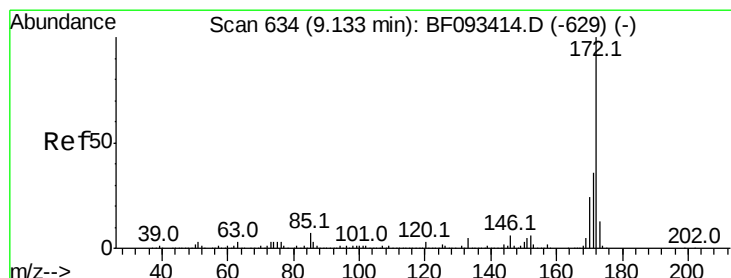
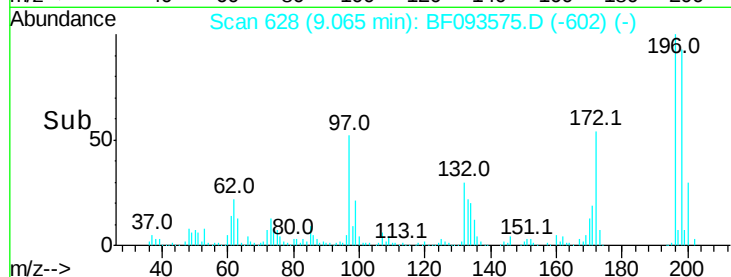
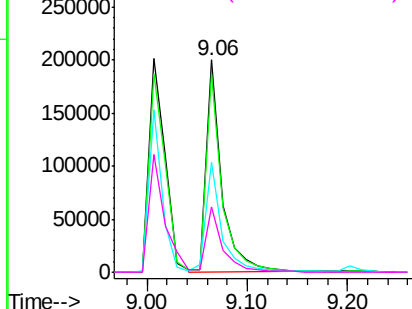
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

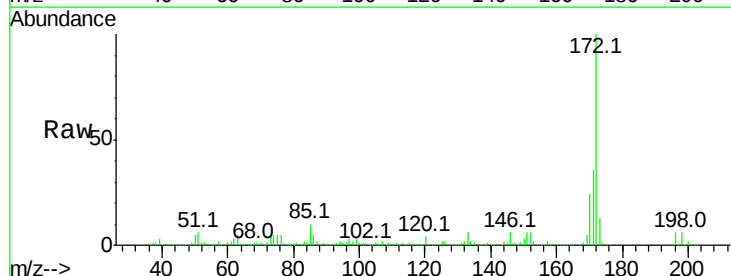
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 60.85 ng
 RT: 9.08 min Scan# 629
 Delta R.T. -0.01 min
 Lab File: BF093575.D
 Acq: 11 Mar 2017 18:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.4	44.0
170	24.3	20.2	30.4

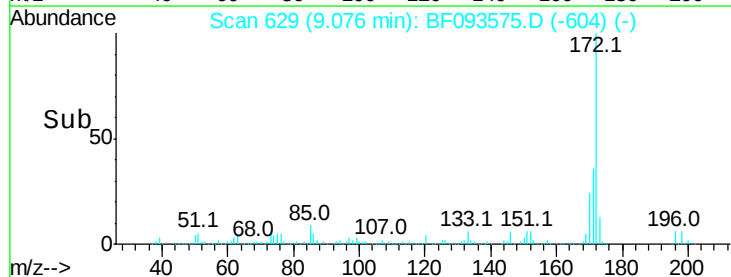
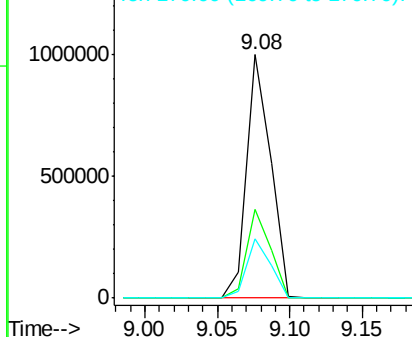


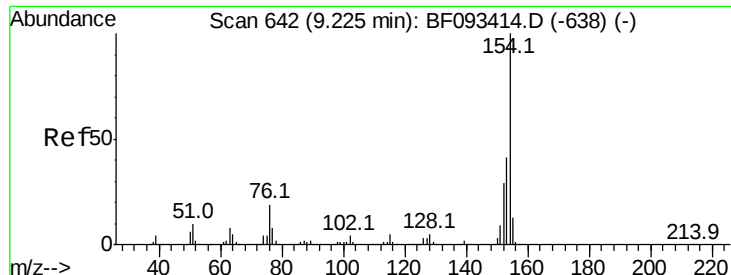
Abundance

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: 32.57 ng

RT: 9.18 min Scan# 638

Delta R.T. -0.01 min

Lab File: BF093575.D

Acq: 11 Mar 2017 18:53

Instrument :

BNA_F

ClientSampleId :

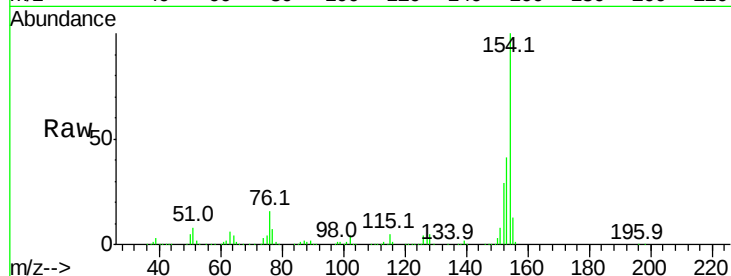
Tot Ion:154 Resp: 831589

Ion Ratio Lower Upper

154 100

153 40.6 20.9 60.9

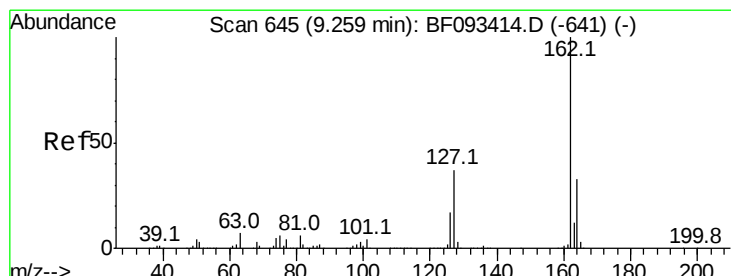
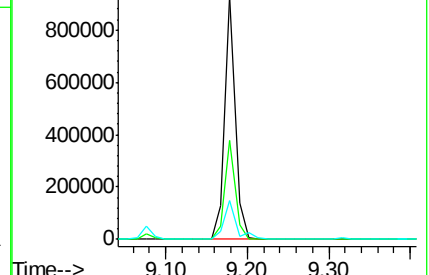
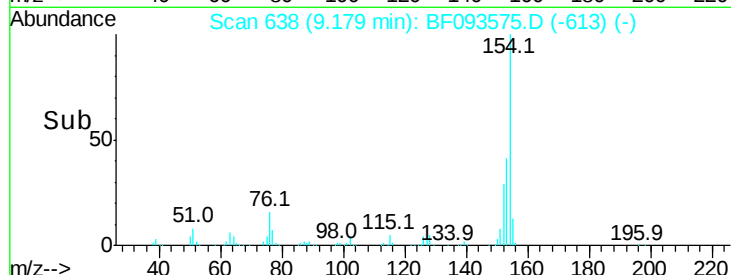
76 16.0 0.0 30.5



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): E



#46

2-Chloronaphthalene

Concen: 32.28 ng

RT: 9.20 min Scan# 640

Delta R.T. -0.01 min

Lab File: BF093575.D

Acq: 11 Mar 2017 18:53

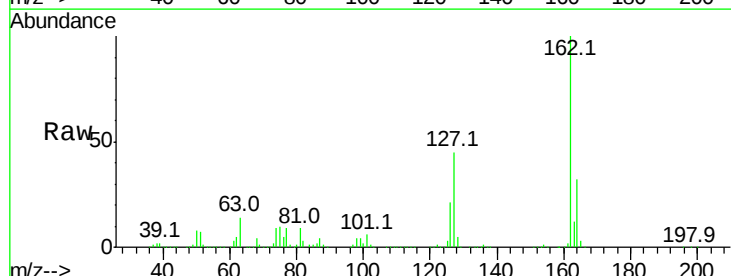
Tgt Ion:162 Resp: 630889

Ion Ratio Lower Upper

162 100

127 44.8 30.7 46.1

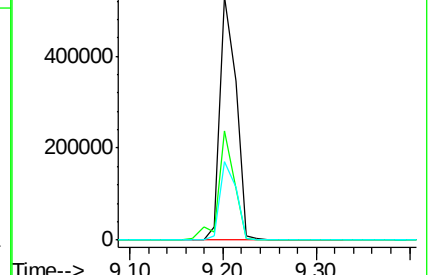
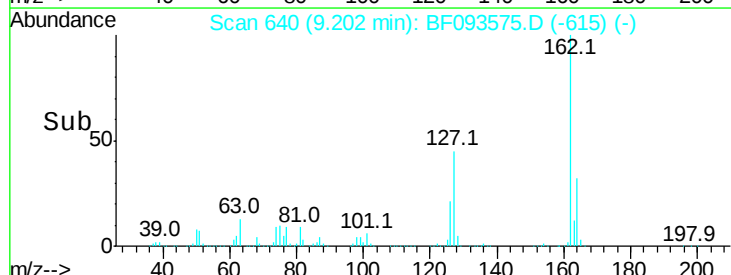
164 32.3 27.6 41.4

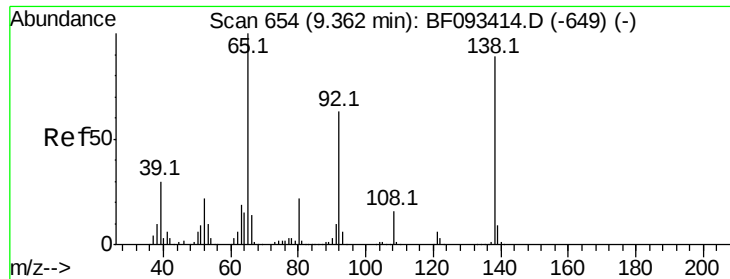


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

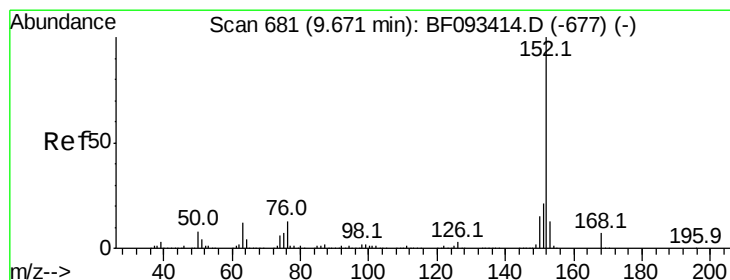
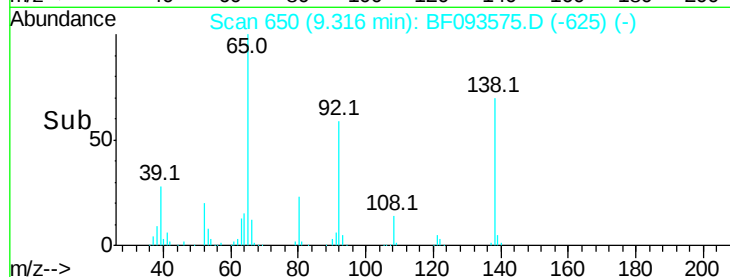
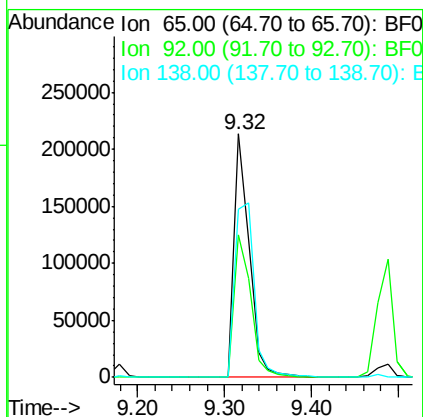
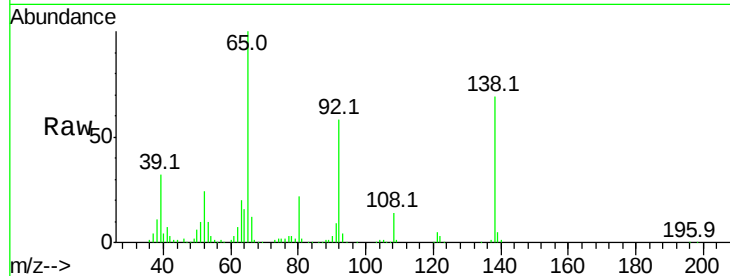




#47
2-Nitroaniline
Concen: 37.05 ng
RT: 9.32 min Scan# 650
Delta R.T. -0.01 min
Lab File: BF093575.D
Acq: 11 Mar 2017 18:53

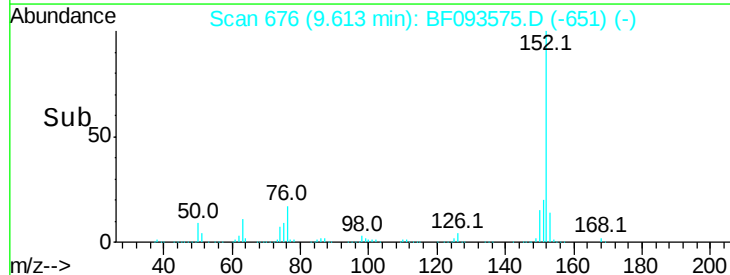
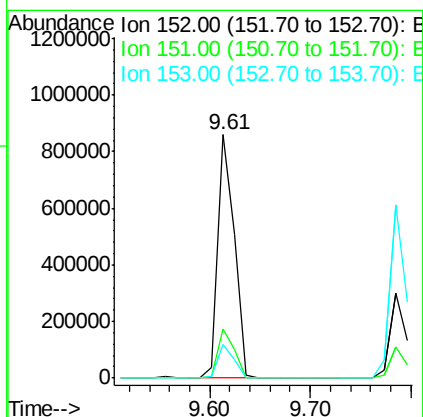
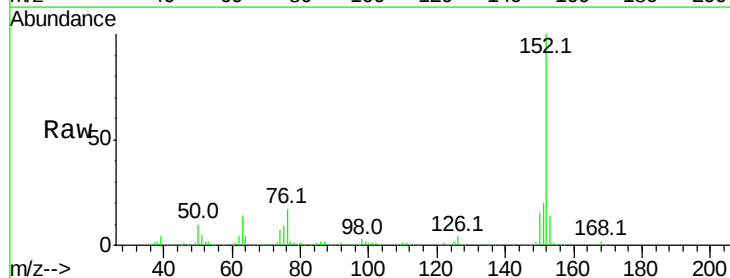
Instrument :
BNA_F
ClientSampleId :

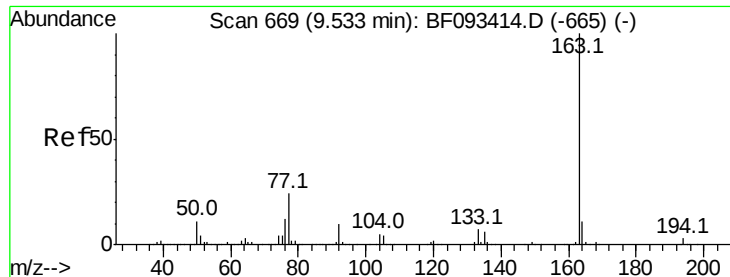
Tot Ion: 65 Resp: 255965
Ion Ratio Lower Upper
65 100
92 58.5 53.9 80.9
138 68.9 76.8 115.2#



#48
Acenaphthylene
Concen: 30.41 ng
RT: 9.61 min Scan# 676
Delta R.T. -0.01 min
Lab File: BF093575.D
Acq: 11 Mar 2017 18:53

Tgt Ion: 152 Resp: 980177
Ion Ratio Lower Upper
152 100
151 20.4 16.9 25.3
153 13.8 11.4 17.2

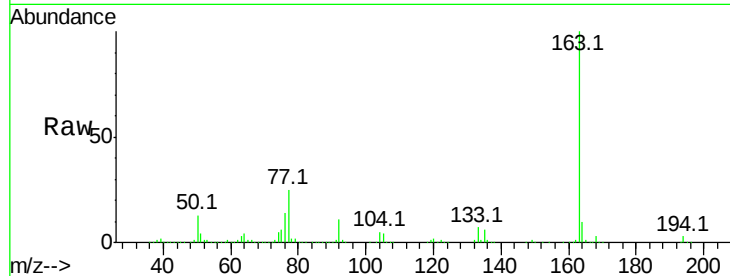




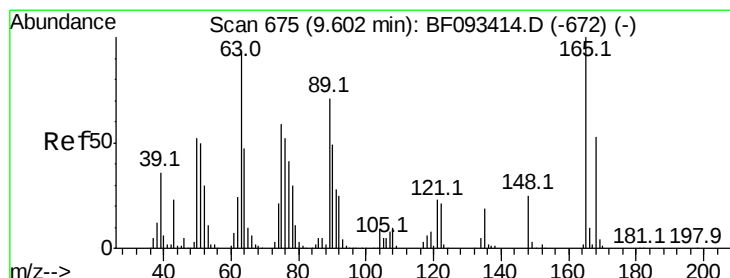
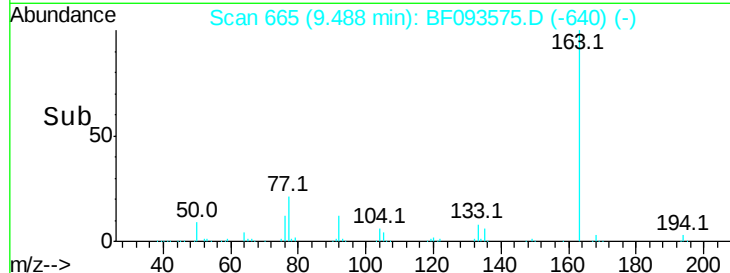
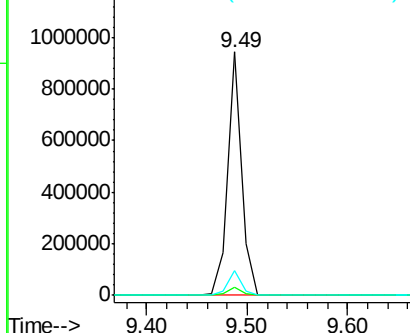
#49
Dimethylphthalate
Concen: 39.09 ng
RT: 9.49 min Scan# 665
Delta R.T. -0.01 min
Lab File: BF093575.D
Acq: 11 Mar 2017 18:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 908303
Ion Ratio Lower Upper
163 100
194 3.2 3.0 4.4
164 10.3 8.0 12.0

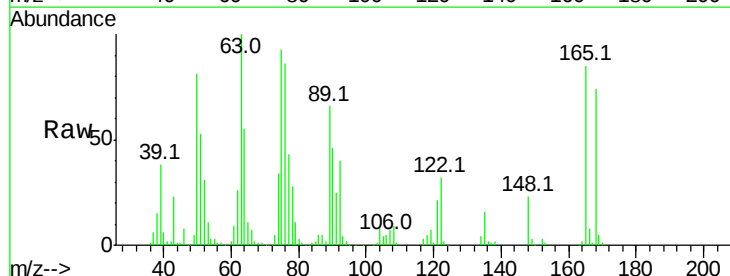


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

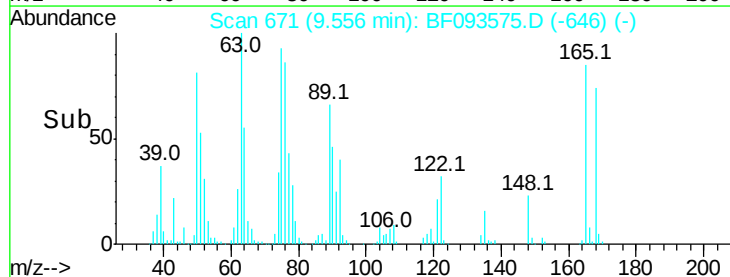
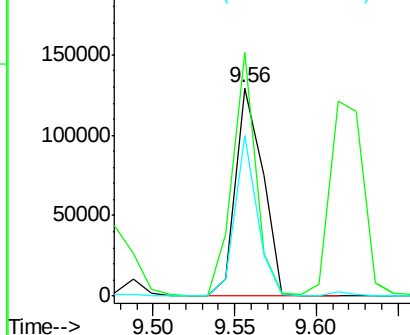


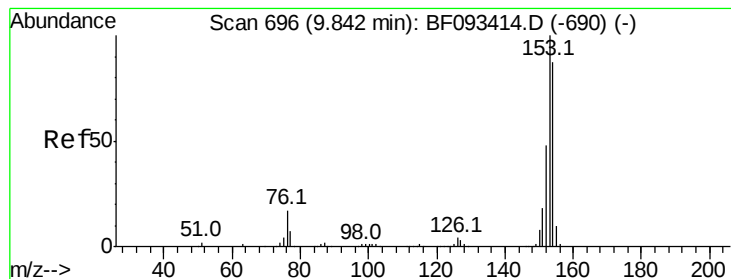
#50
2,6-Dinitrotoluene
Concen: 29.09 ng
RT: 9.56 min Scan# 671
Delta R.T. -0.01 min
Lab File: BF093575.D
Acq: 11 Mar 2017 18:53

Tgt Ion:165 Resp: 148311
Ion Ratio Lower Upper
165 100
63 117.2 36.2 54.4#
89 77.1 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: 29.97 ng

RT: 9.78 min Scan# 691

Delta R.T. -0.01 min

Lab File: BF093575.D

Acq: 11 Mar 2017 18:53

Instrument :

BNA_F

ClientSampleId :

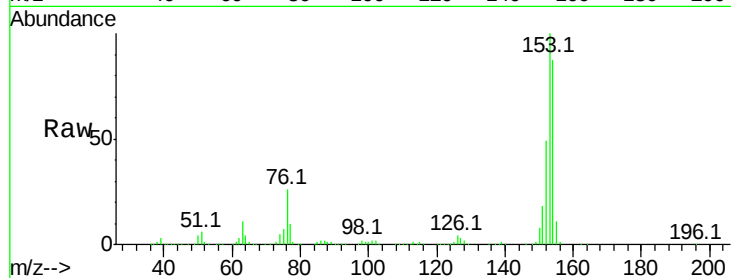
Tot Ion:154 Resp: 571134

Ion Ratio Lower Upper

154 100

153 114.4 88.6 133.0

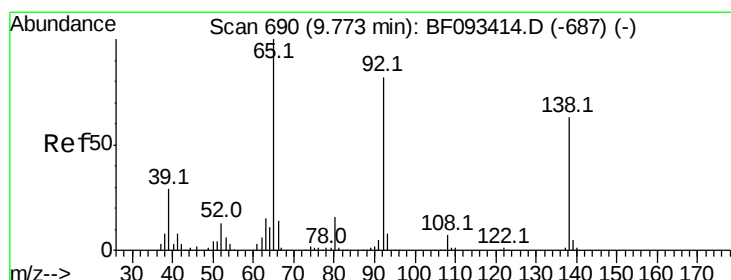
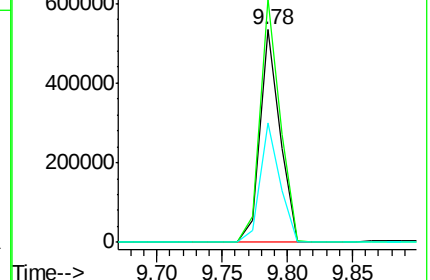
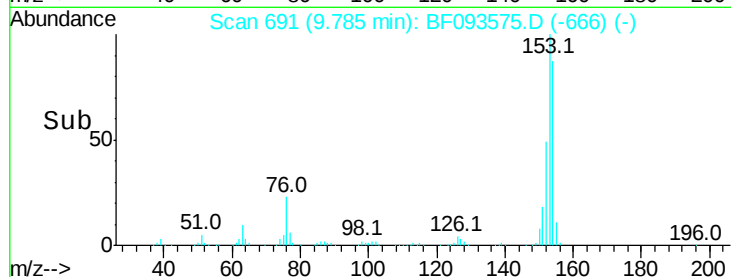
152 56.4 41.6 62.4



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: 23.45 ng

RT: 9.74 min Scan# 687

Delta R.T. -0.00 min

Lab File: BF093575.D

Acq: 11 Mar 2017 18:53

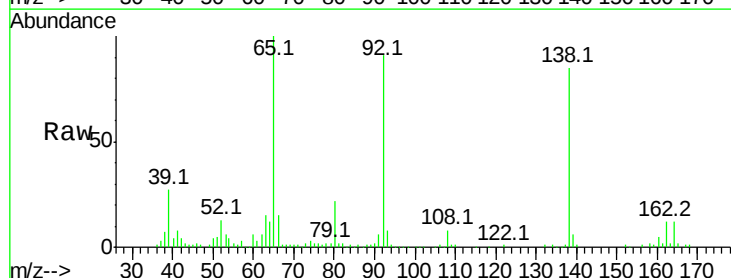
Tgt Ion:138 Resp: 143635

Ion Ratio Lower Upper

138 100

108 9.8 8.5 12.7

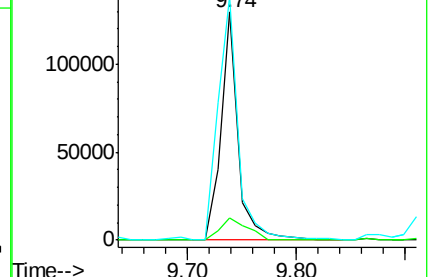
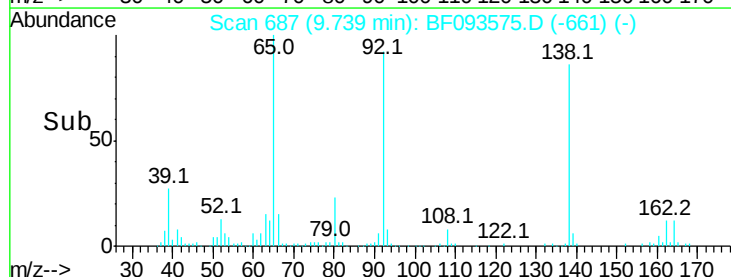
92 106.8 97.8 146.8

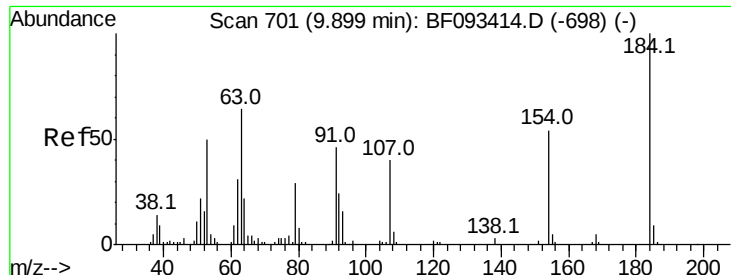


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

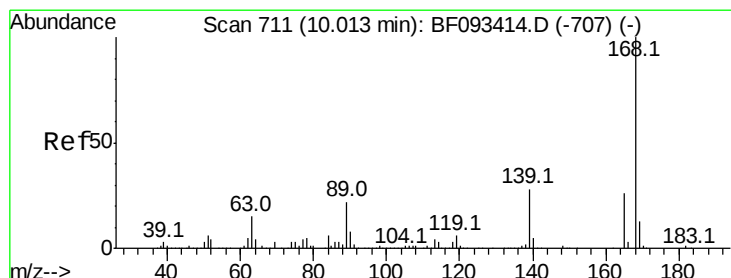
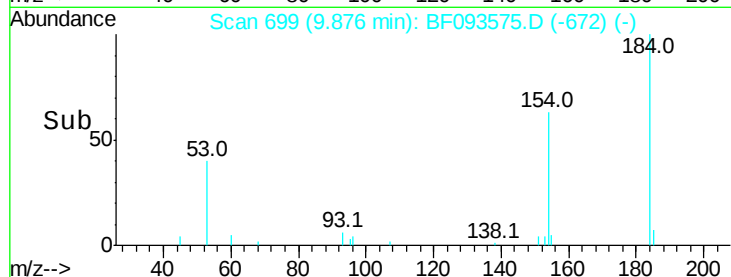
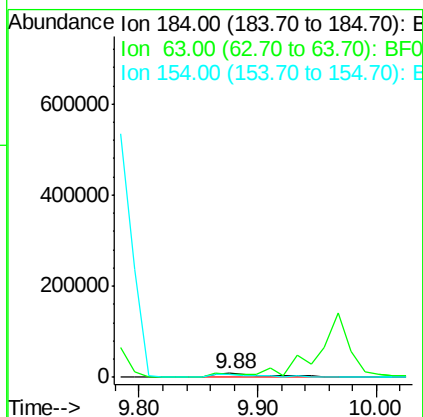
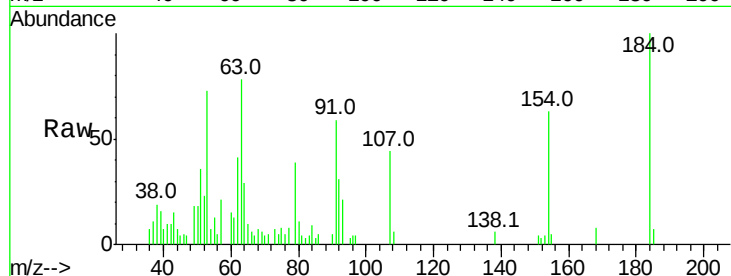




#53
2,4-Dinitrophenol
Concen: 13.81 ng
RT: 9.88 min Scan# 699
Delta R.T. 0.01 min
Lab File: BF093575.D
Acq: 11 Mar 2017 18:53

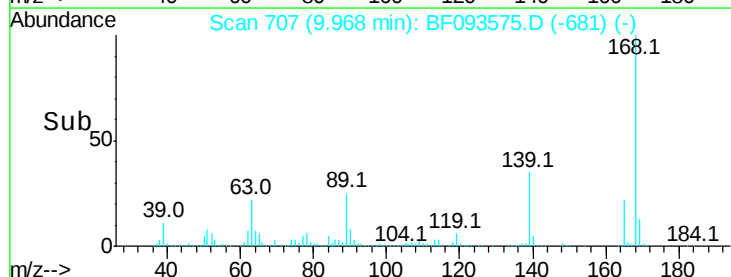
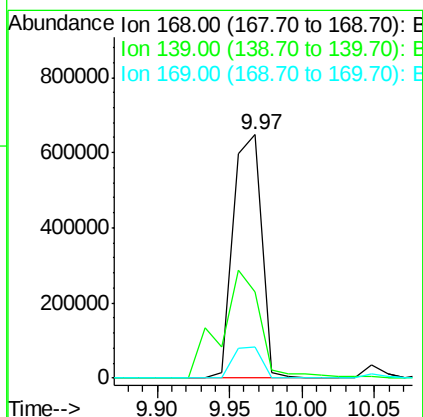
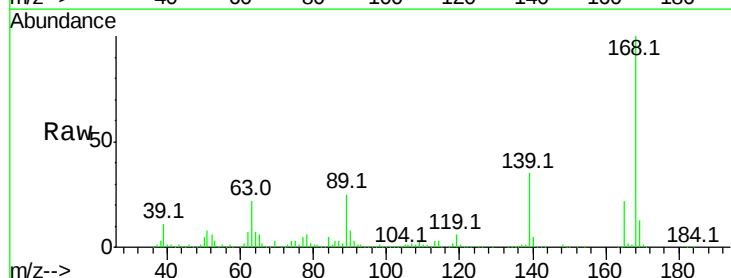
Instrument :
BNA_F
ClientSampleId :

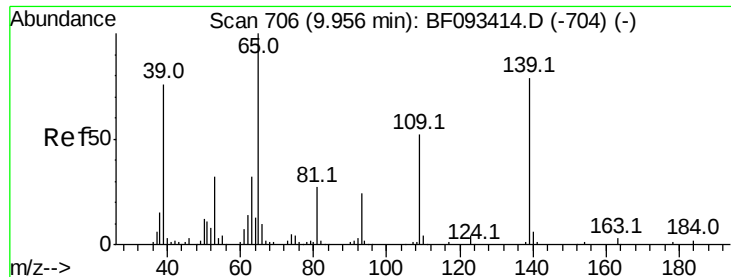
Tot Ion:184 Resp: 32070
Ion Ratio Lower Upper
184 100
63 77.9 28.4 42.6#
154 63.2 44.3 66.5



#54
Dibenzofuran
Concen: 36.80 ng
RT: 9.97 min Scan# 707
Delta R.T. -0.00 min
Lab File: BF093575.D
Acq: 11 Mar 2017 18:53

Tgt Ion:168 Resp: 877872
Ion Ratio Lower Upper
168 100
139 35.4 32.6 49.0
169 12.7 11.3 16.9

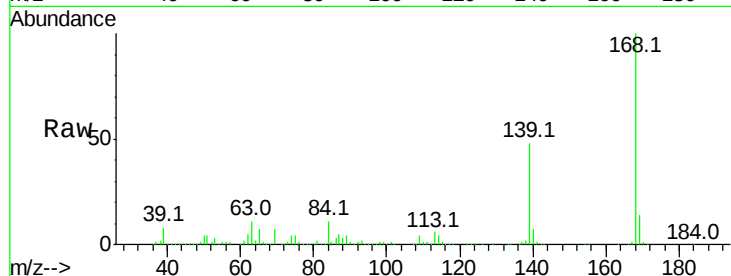




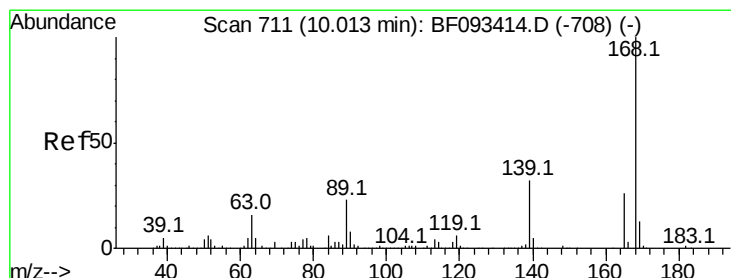
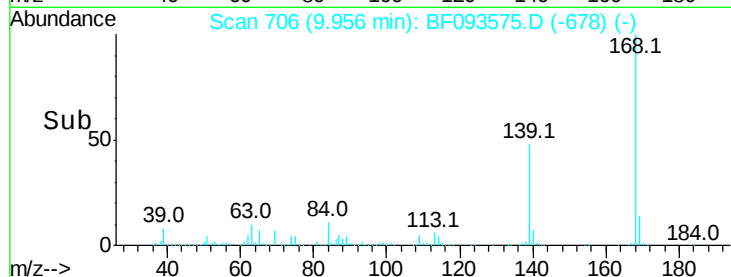
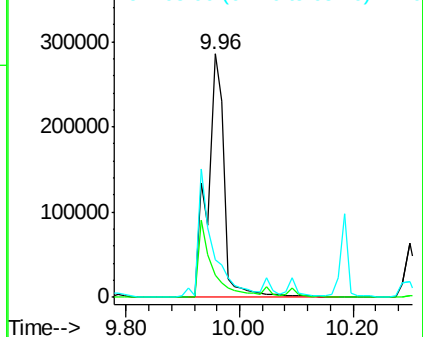
#55
4-Nitrophenol
Concen: 188.59 ng
RT: 9.96 min Scan# 706
Delta R.T. 0.02 min
Lab File: BF093575.D
Acq: 11 Mar 2017 18:53

Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 561072
Ion Ratio Lower Upper
139 100
109 9.4 52.2 92.2#
65 15.6 85.8 125.8#

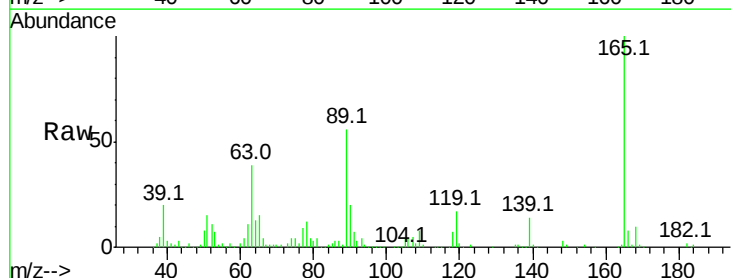


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

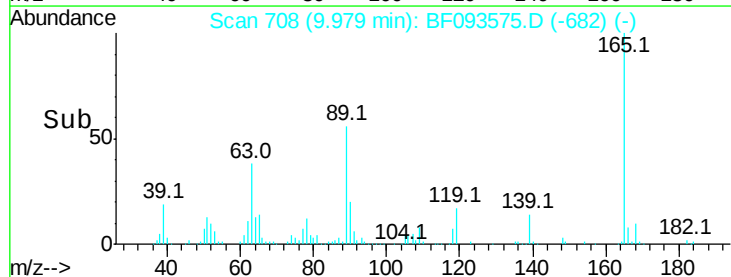
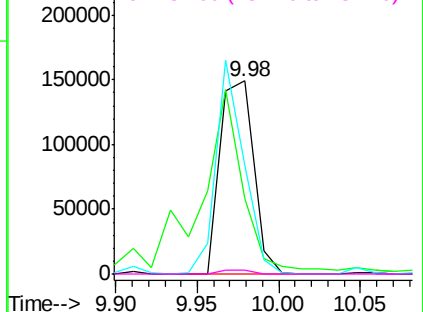


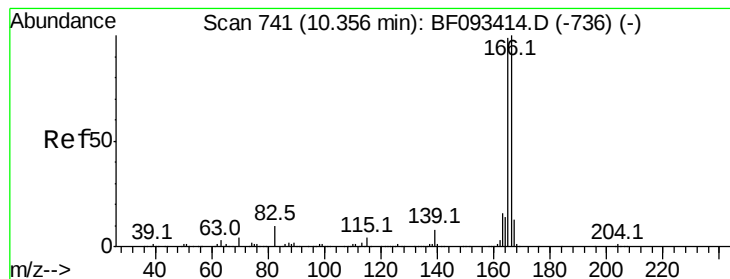
#56
2,4-Dinitrotoluene
Concen: 33.94 ng
RT: 9.98 min Scan# 708
Delta R.T. -0.00 min
Lab File: BF093575.D
Acq: 11 Mar 2017 18:53

Tgt Ion:165 Resp: 212576
Ion Ratio Lower Upper
165 100
63 39.0 40.2 60.4#
89 56.4 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: 32.65 ng

RT: 10.31 min Scan# 737

Delta R.T. -0.00 min

Lab File: BF093575.D

Acq: 11 Mar 2017 18:53

Instrument :

BNA_F

ClientSampleId :

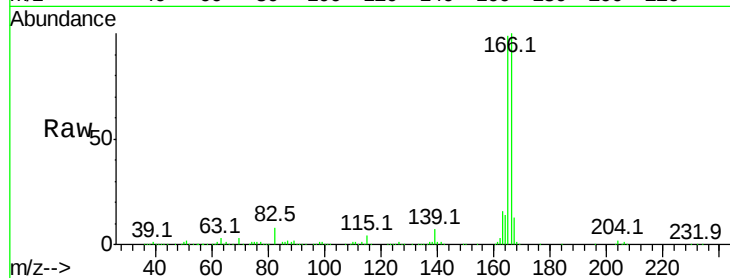
Tot Ion:166 Resp: 659965

Ion Ratio Lower Upper

166 100

165 99.1 77.8 116.8

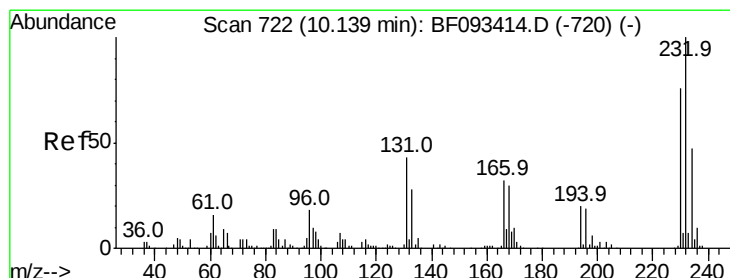
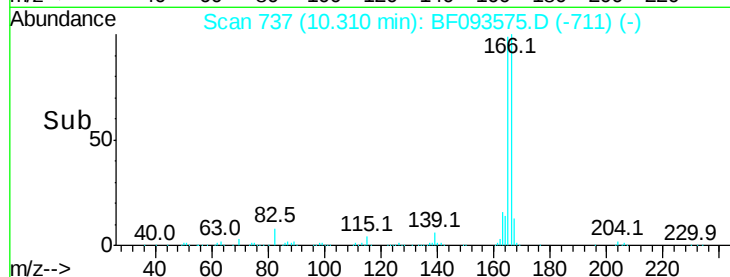
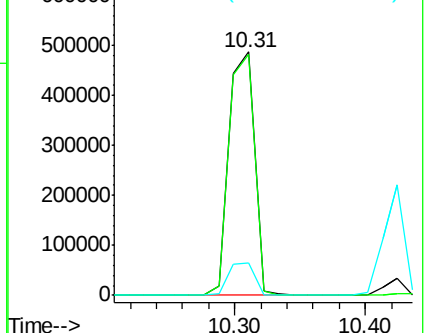
167 13.1 10.8 16.2



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: 37.19 ng

RT: 10.09 min Scan# 718

Delta R.T. -0.00 min

Lab File: BF093575.D

Acq: 11 Mar 2017 18:53

Tgt Ion:232 Resp: 168403

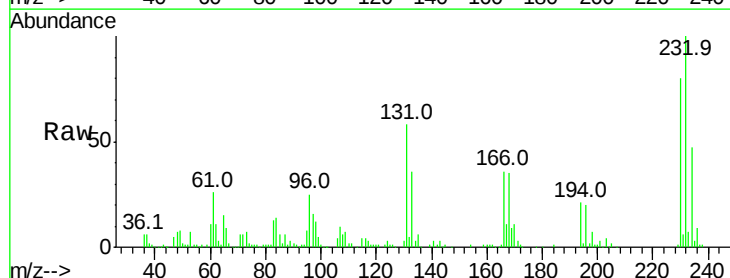
Ion Ratio Lower Upper

232 100

131 52.0 40.1 60.1

130 2.5 1.8 2.8

166 31.9 26.6 39.8

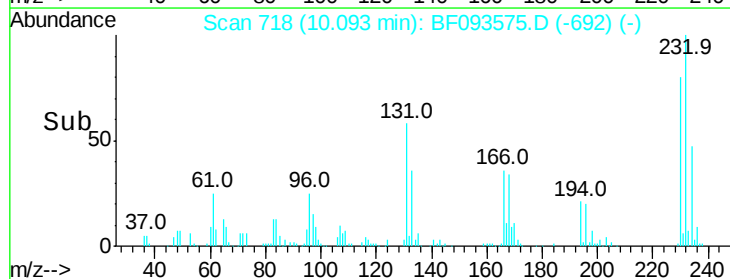
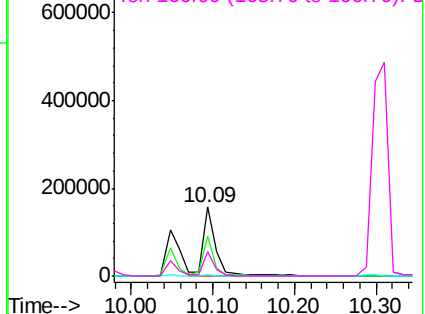


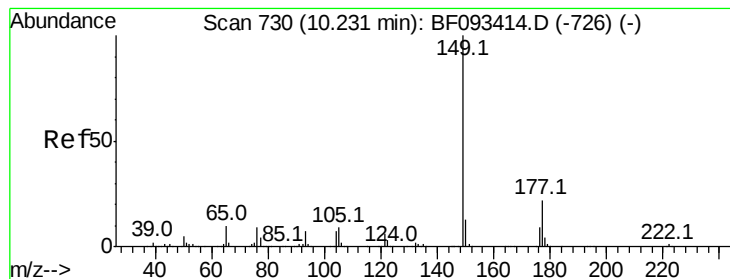
Abundance Ion 232.00 (231.70 to 232.70): E

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: 33.46 ng

RT: 10.18 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF093575.D

Acq: 11 Mar 2017 18:53

Instrument :

BNA_F

ClientSampled :

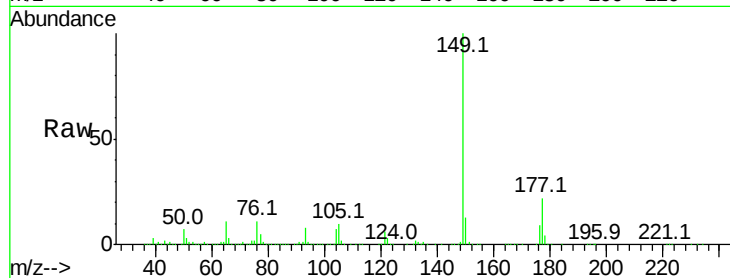
Tot Ion:149 Resp: 742992

Ion Ratio Lower Upper

149 100

177 21.5 16.6 25.0

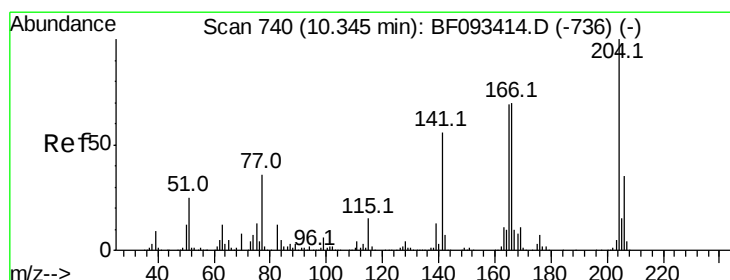
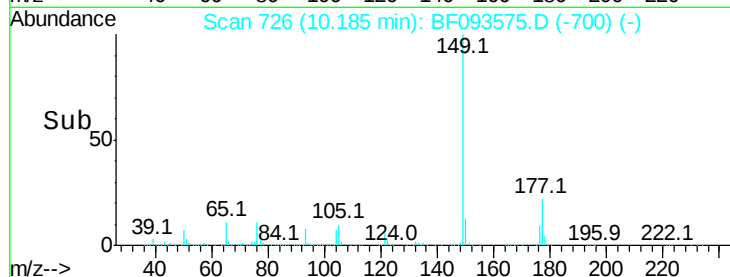
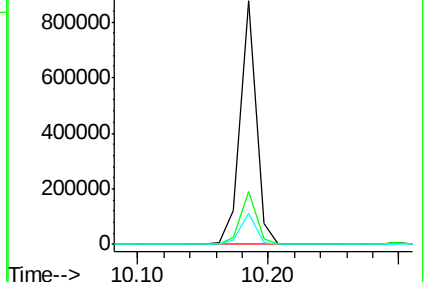
150 12.8 10.4 15.6



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: 34.82 ng

RT: 10.30 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF093575.D

Acq: 11 Mar 2017 18:53

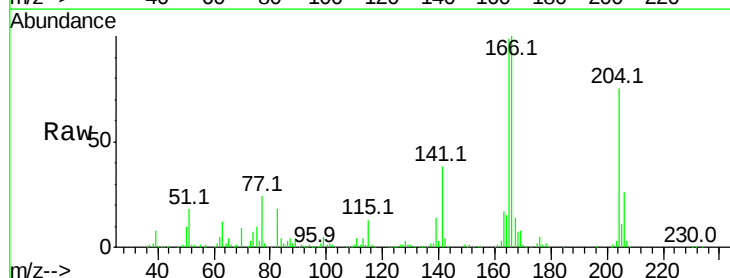
Tgt Ion:204 Resp: 315495

Ion Ratio Lower Upper

204 100

206 34.2 25.8 38.6

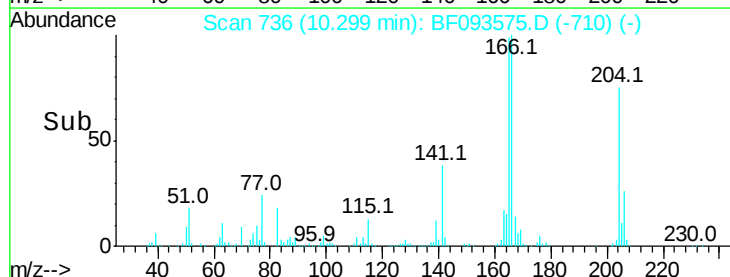
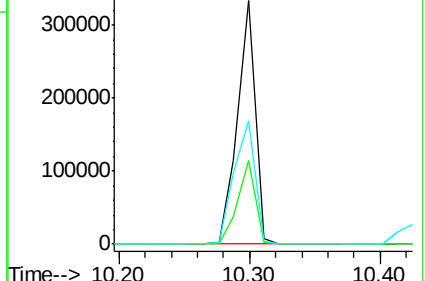
141 50.9 59.4 89.0#

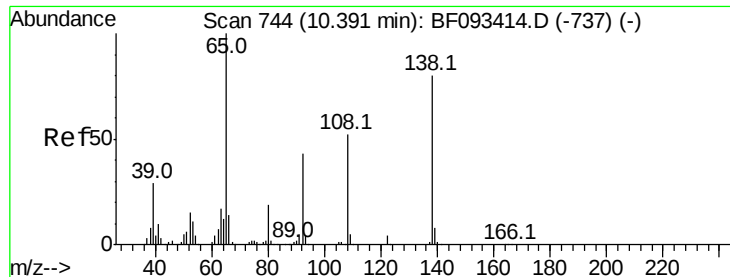


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

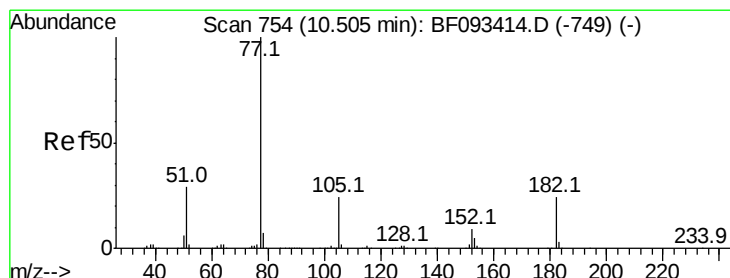
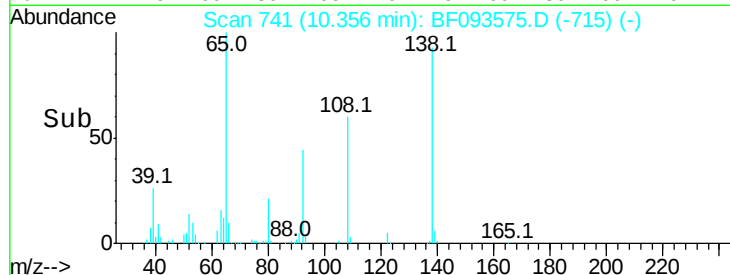
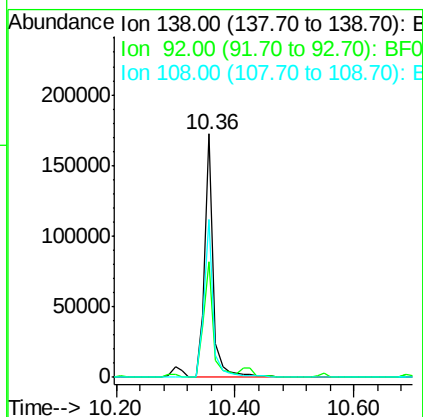
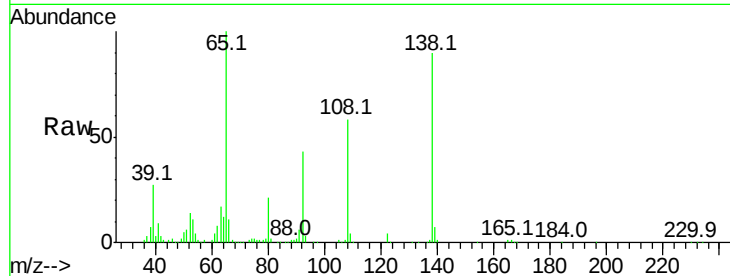




#61
4-Nitroaniline
Concen: 29.01 ng
RT: 10.36 min Scan# 741
Delta R.T. -0.00 min
Lab File: BF093575.D
Acq: 11 Mar 2017 18:53

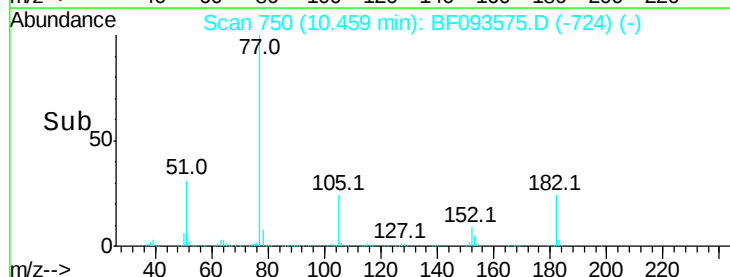
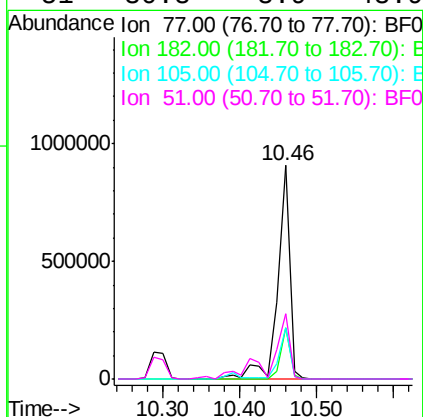
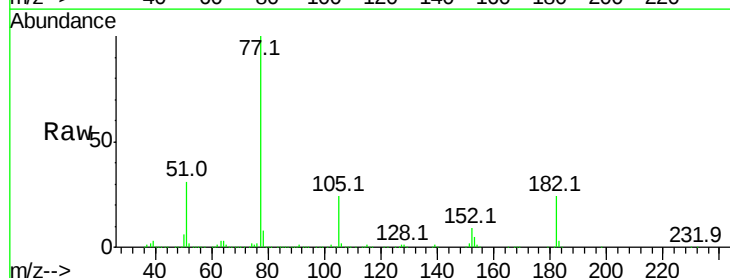
Instrument :
BNA_F
ClientSampled :

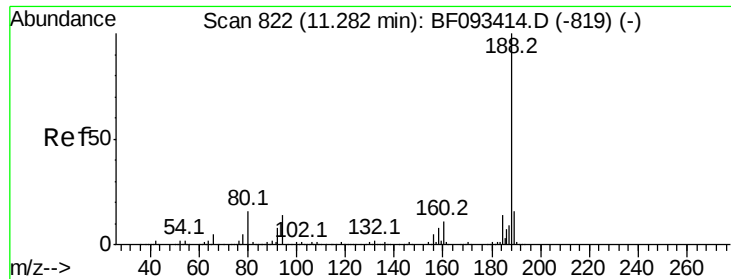
Tot Ion:138 Resp: 181730
Ion Ratio Lower Upper
138 100
92 47.4 31.7 71.7
108 64.6 52.6 92.6



#62
Azobenzene
Concen: 38.64 ng
RT: 10.46 min Scan# 750
Delta R.T. -0.00 min
Lab File: BF093575.D
Acq: 11 Mar 2017 18:53

Tgt Ion: 77 Resp: 974908
Ion Ratio Lower Upper
77 100
182 24.1 0.0 39.3
105 24.0 2.3 42.3
51 30.8 8.9 48.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.24 min Scan# 818

Delta R.T. -0.01 min

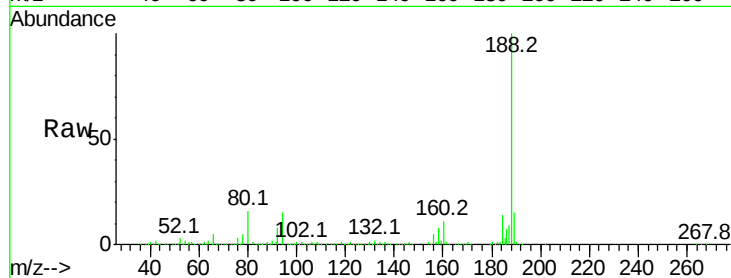
Lab File: BF093575.D

Acq: 11 Mar 2017 18:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 629205

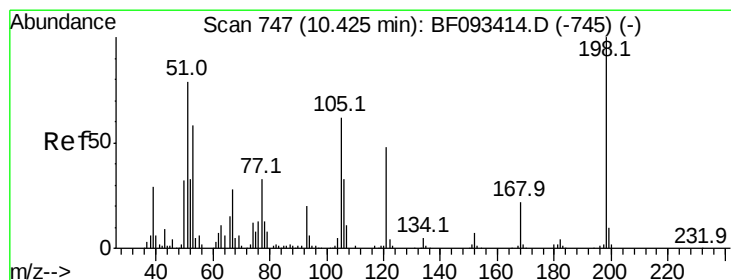
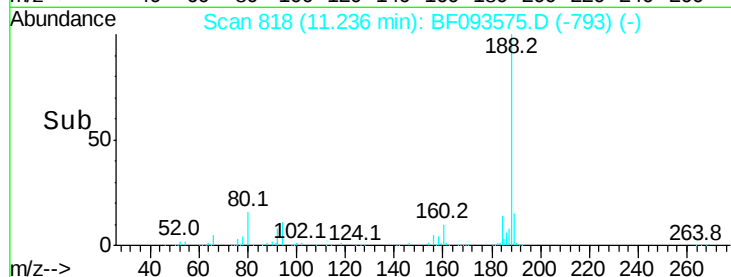
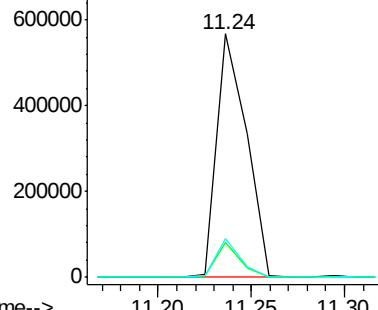
Ion	Ratio	Lower	Upper
188	100		
94	14.6	10.0	15.0
80	16.0	11.2	16.8



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: 20.84 ng

RT: 10.39 min Scan# 744

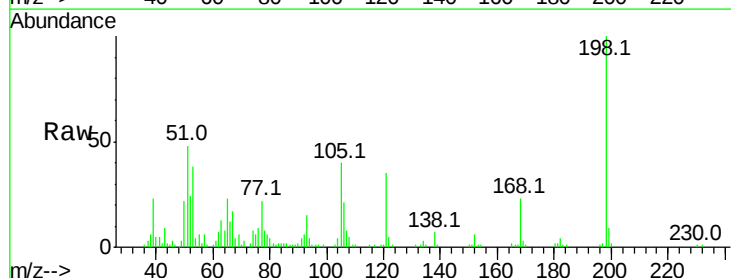
Delta R.T. -0.00 min

Lab File: BF093575.D

Acq: 11 Mar 2017 18:53

Tgt Ion:198 Resp: 84968

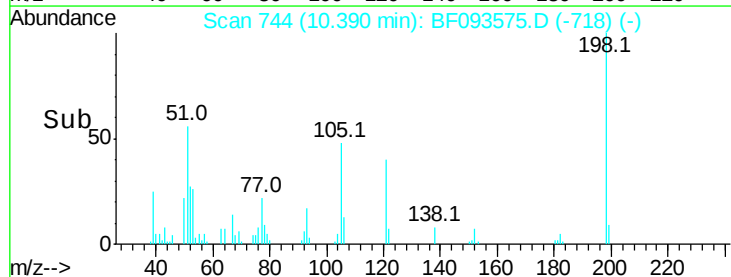
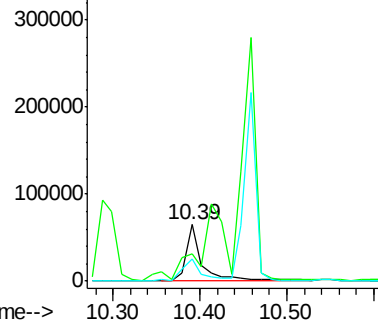
Ion	Ratio	Lower	Upper
198	100		
51	48.2	6.7	46.7#
105	40.2	16.6	56.6

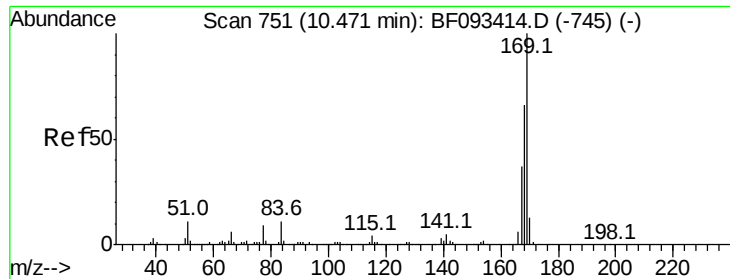


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 29.57 ng

RT: 10.42 min Scan# 747

Delta R.T. -0.00 min

Lab File: BF093575.D

Acq: 11 Mar 2017 18:53

Instrument :

BNA_F

ClientSampleId :

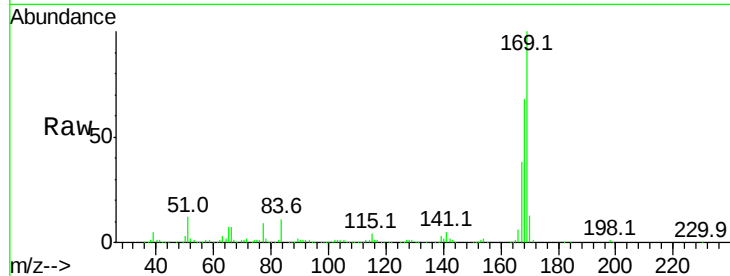
Tot Ion:169 Resp: 621264

Ion Ratio Lower Upper

169 100

168 68.4 54.2 81.2

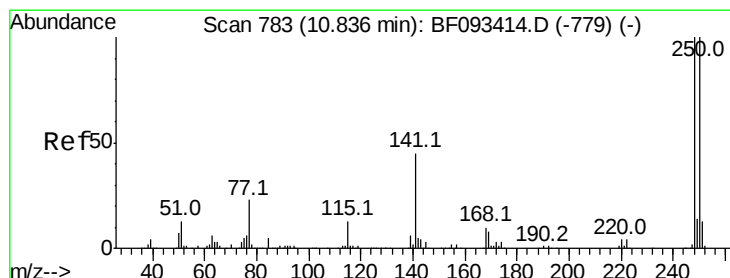
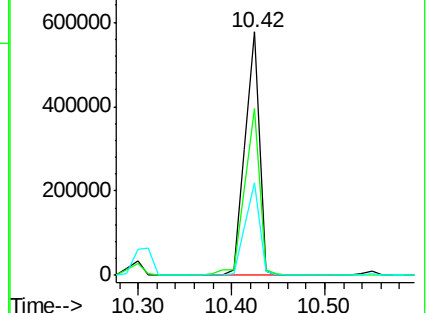
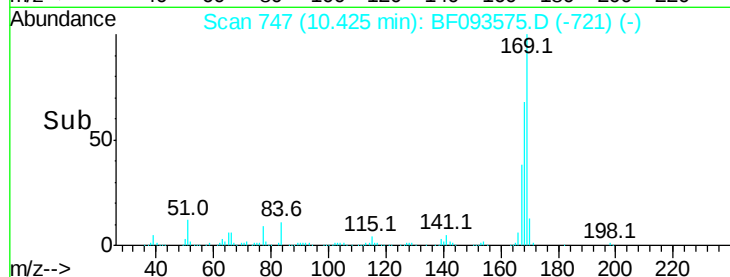
167 38.2 30.2 45.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 26.18 ng

RT: 10.78 min Scan# 778

Delta R.T. -0.01 min

Lab File: BF093575.D

Acq: 11 Mar 2017 18:53

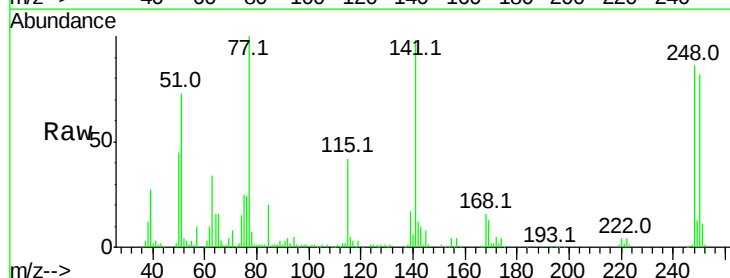
Tgt Ion:248 Resp: 174181

Ion Ratio Lower Upper

248 100

250 95.1 76.9 115.3

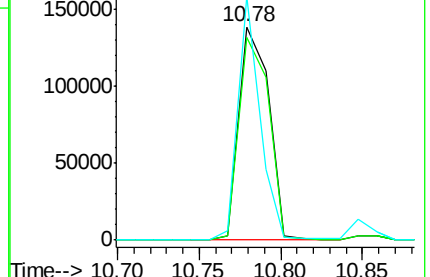
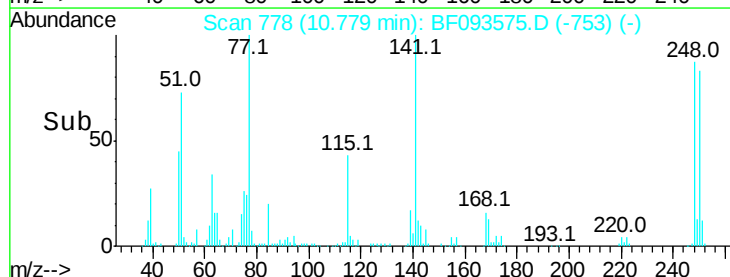
141 114.2 68.2 102.4#

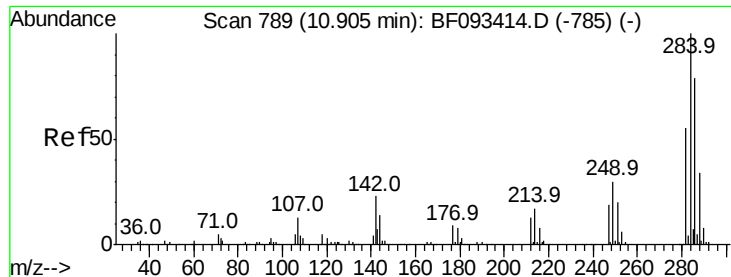


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

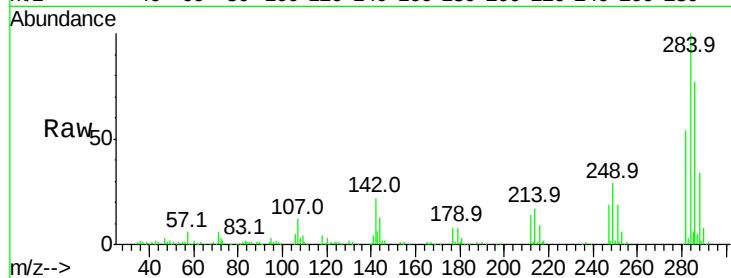




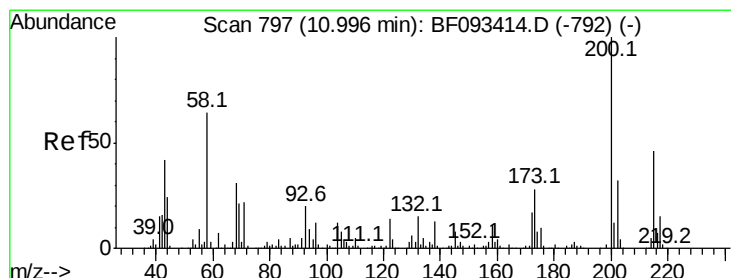
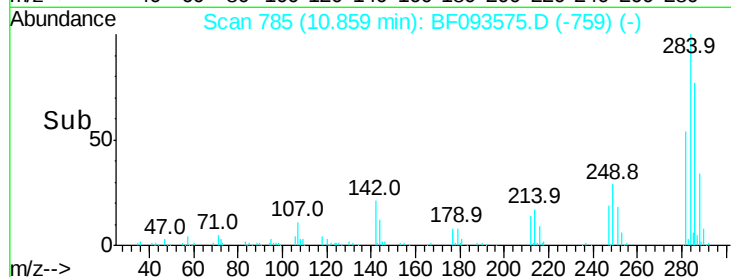
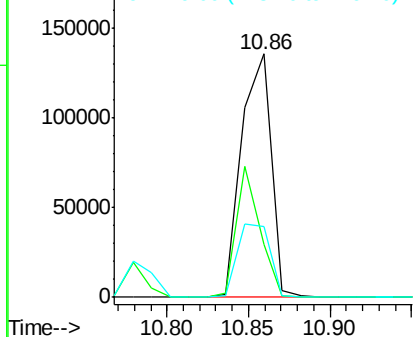
#67
Hexachlorobenzene
Concen: 26.72 ng
RT: 10.86 min Scan# 785
Delta R.T. -0.00 min
Lab File: BF093575.D
Acq: 11 Mar 2017 18:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 169743
Ion Ratio Lower Upper
284 100
142 21.9 22.6 33.8#
249 29.3 25.4 38.0

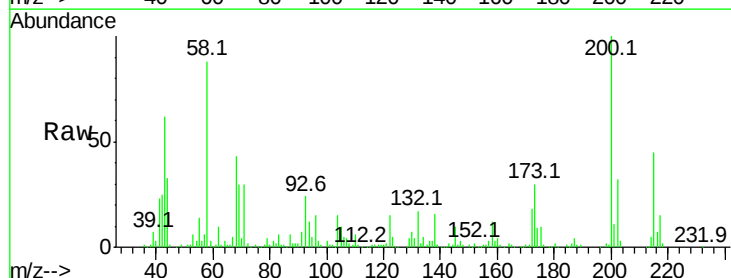


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

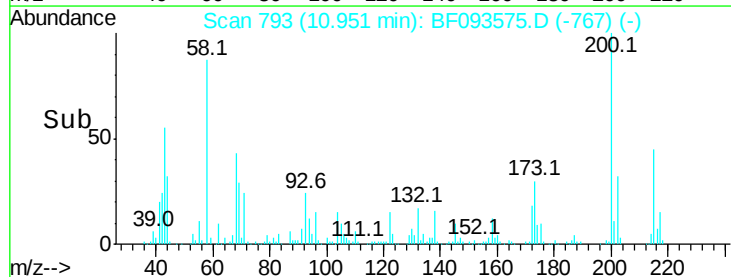
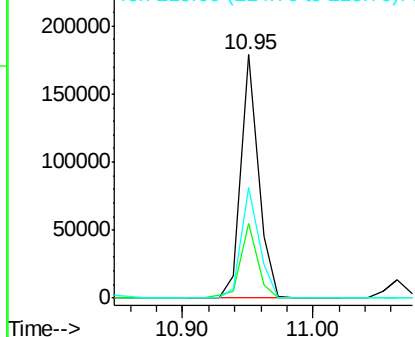


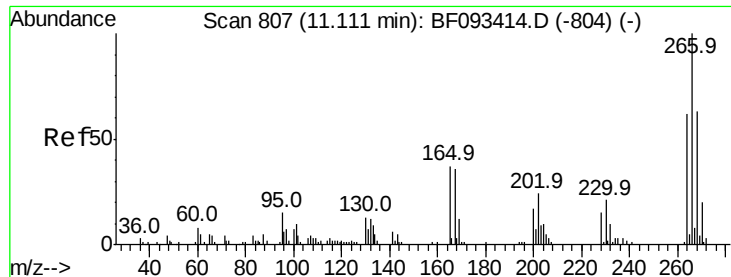
#68
Atrazine
Concen: 27.25 ng
RT: 10.95 min Scan# 793
Delta R.T. -0.00 min
Lab File: BF093575.D
Acq: 11 Mar 2017 18:53

Tgt Ion:200 Resp: 167580
Ion Ratio Lower Upper
200 100
173 30.4 9.6 49.6
215 45.1 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

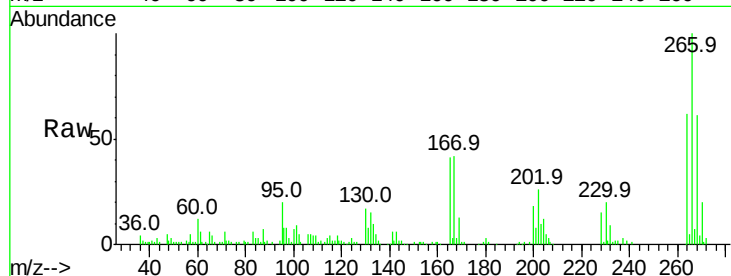




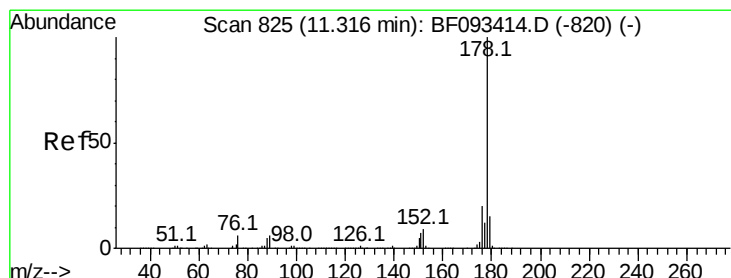
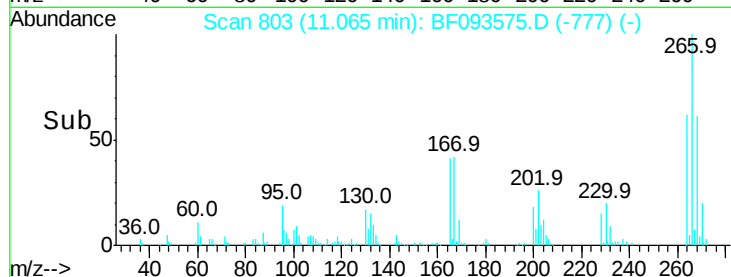
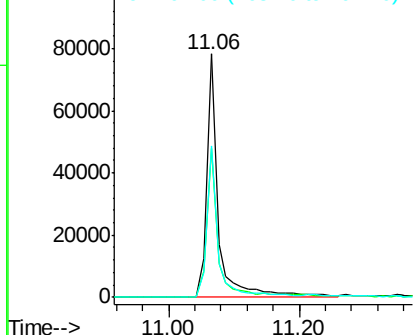
#69
 Pentachlorophenol
 Concen: 43.95 ng
 RT: 11.06 min Scan# 803
 Delta R.T. -0.00 min
 Lab File: BF093575.D
 Acq: 11 Mar 2017 18:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 96406
 Ion Ratio Lower Upper
 266 100
 268 61.3 53.3 79.9
 264 62.0 50.3 75.5

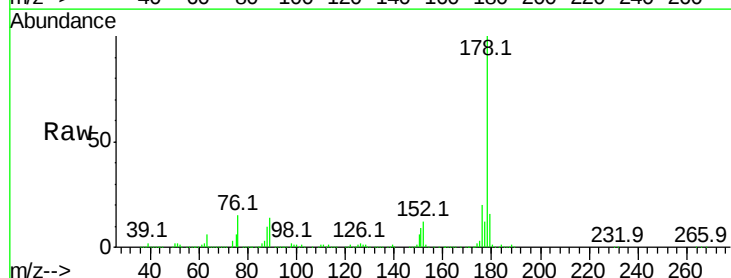


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

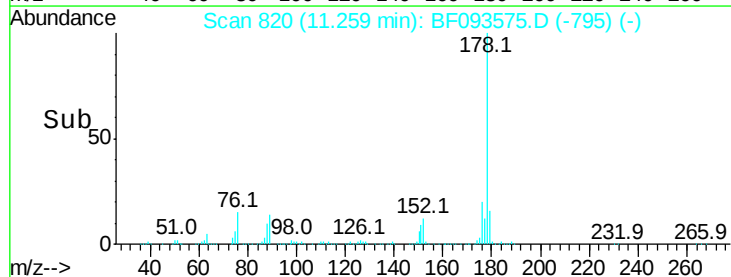
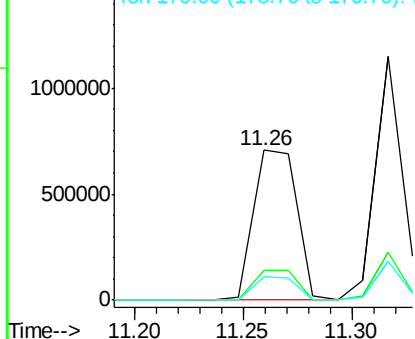


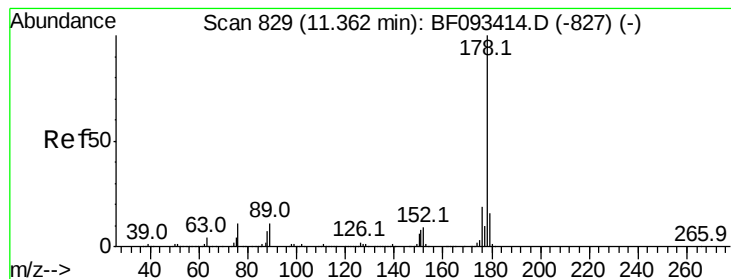
#70
 Phenanthrene
 Concen: 27.34 ng
 RT: 11.26 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: BF093575.D
 Acq: 11 Mar 2017 18:53

Tgt Ion:178 Resp: 982091
 Ion Ratio Lower Upper
 178 100
 176 20.0 16.6 25.0
 179 15.8 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 27.94 ng

RT: 11.32 min Scan# 825

Delta R.T. -0.00 min

Lab File: BF093575.D

Acq: 11 Mar 2017 18:53

Instrument :

BNA_F

ClientSampleId :

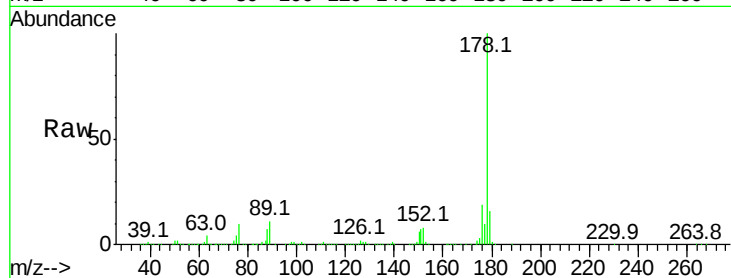
Tot Ion:178 Resp: 1015150

Ion Ratio Lower Upper

178 100

176 19.4 15.9 23.9

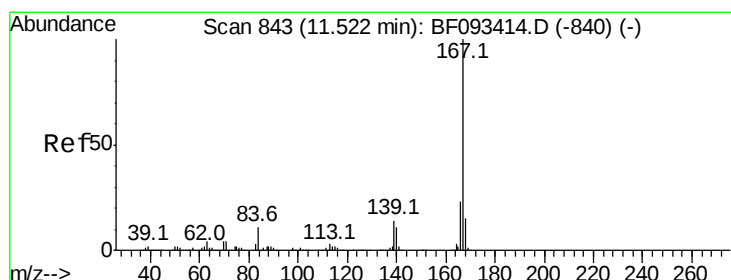
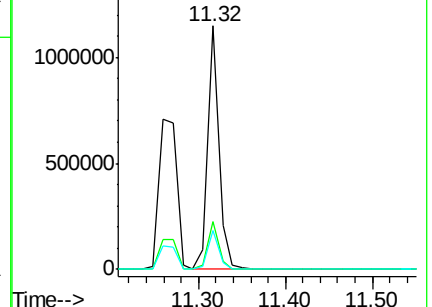
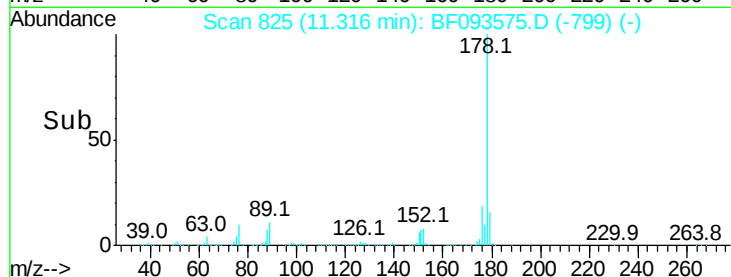
179 16.0 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 27.02 ng

RT: 11.48 min Scan# 839

Delta R.T. -0.01 min

Lab File: BF093575.D

Acq: 11 Mar 2017 18:53

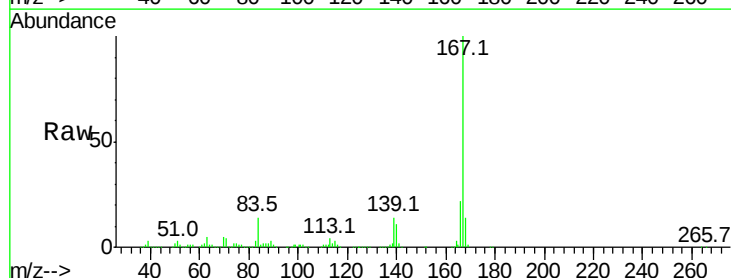
Tgt Ion:167 Resp: 922179

Ion Ratio Lower Upper

167 100

166 22.2 18.2 27.2

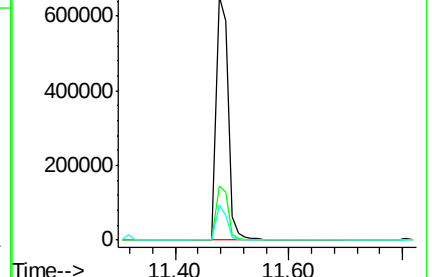
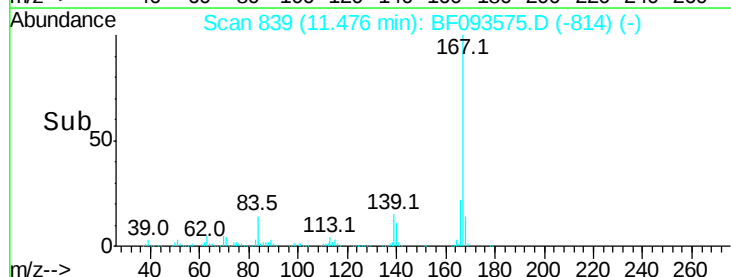
139 14.5 11.4 17.2

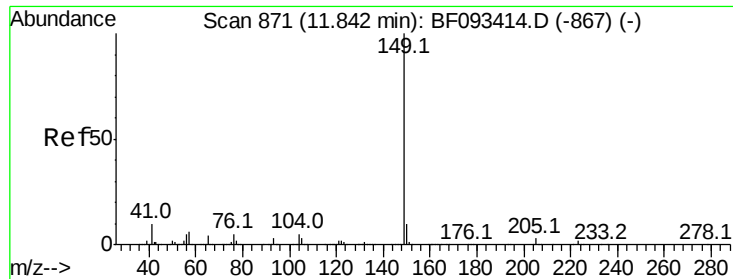


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 27.86 ng

RT: 11.81 min Scan# 868

Delta R.T. -0.00 min

Lab File: BF093575.D

Acq: 11 Mar 2017 18:53

Instrument :

BNA_F

ClientSampleId :

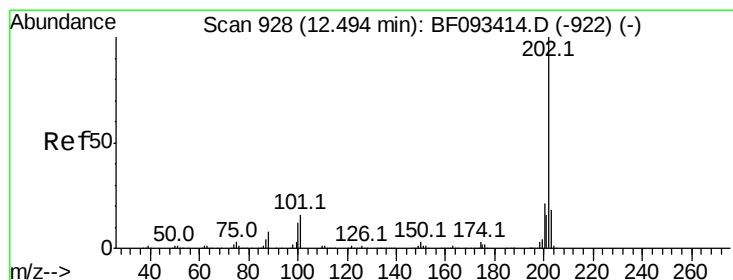
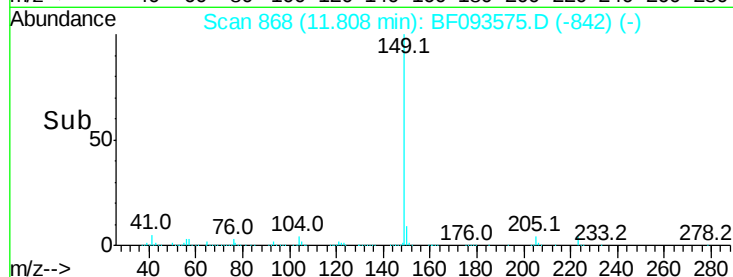
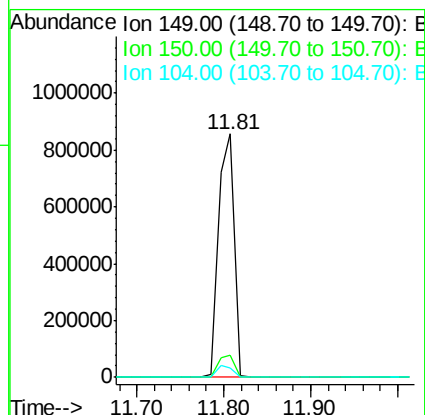
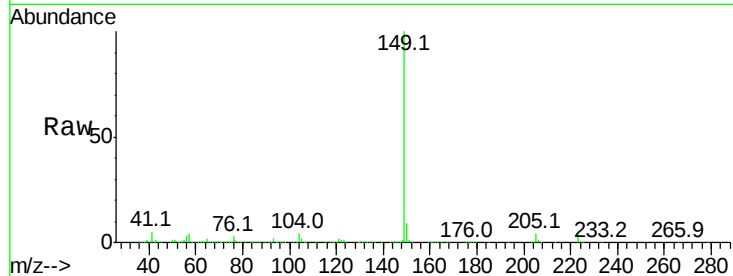
Tot Ion:149 Resp: 1100258

Ion Ratio Lower Upper

149 100

150 9.1 8.1 12.1

104 3.6 4.6 7.0#



#74

Fluoranthene

Concen: 27.32 ng

RT: 12.45 min Scan# 924

Delta R.T. -0.01 min

Lab File: BF093575.D

Acq: 11 Mar 2017 18:53

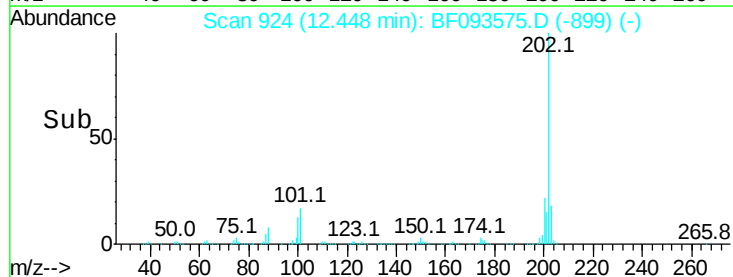
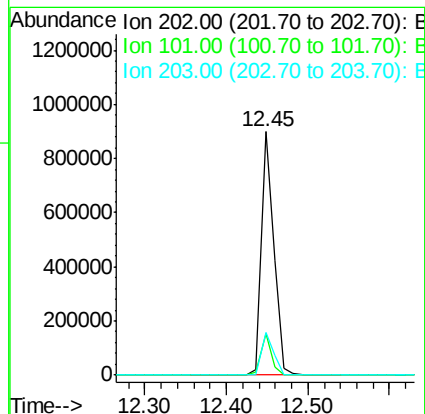
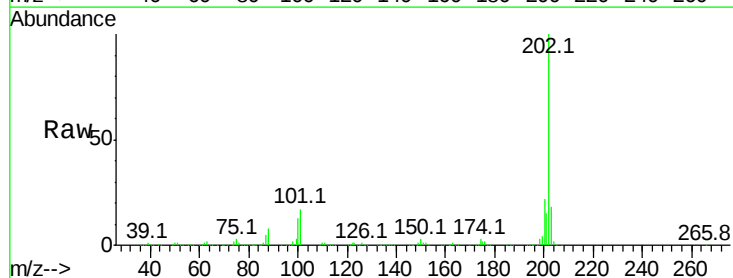
Tgt Ion:202 Resp: 947621

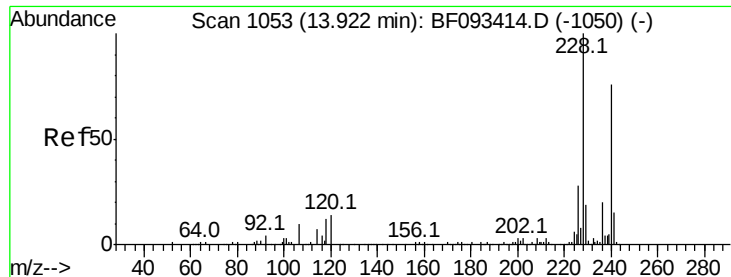
Ion Ratio Lower Upper

202 100

101 16.8 0.0 34.6

203 17.7 0.0 38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.88 min Scan# 1049

Delta R.T. -0.01 min

Lab File: BF093575.D

Acq: 11 Mar 2017 18:53

Instrument :

BNA_F

ClientSampleId :

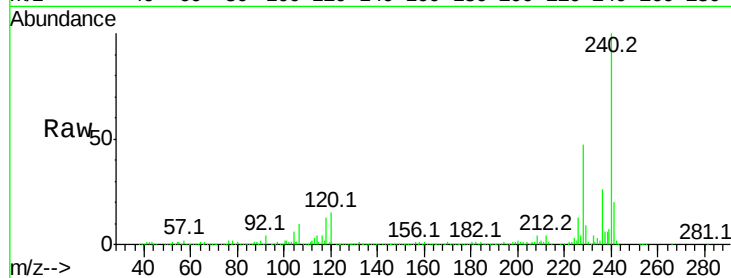
Tot Ion:240 Resp: 433890

Ion Ratio Lower Upper

240 100

120 14.7 12.9 19.3

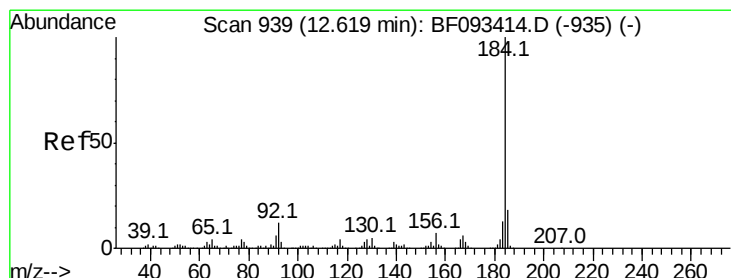
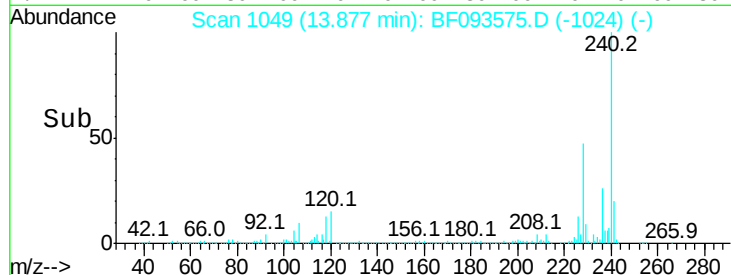
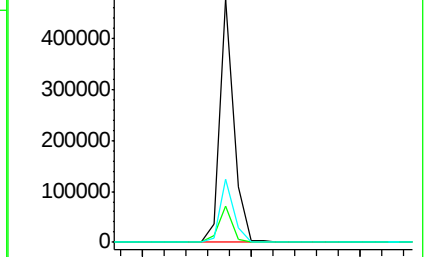
236 26.1 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 15.15 ng

RT: 12.59 min Scan# 936

Delta R.T. -0.00 min

Lab File: BF093575.D

Acq: 11 Mar 2017 18:53

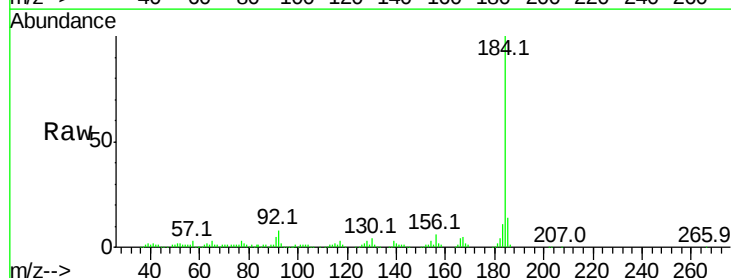
Tgt Ion:184 Resp: 216100

Ion Ratio Lower Upper

184 100

185 14.3 13.4 20.0

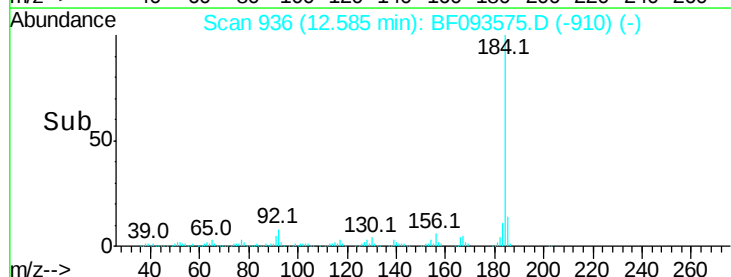
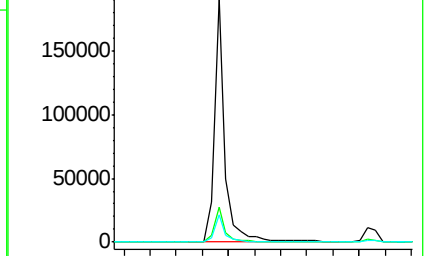
183 11.1 9.2 13.8

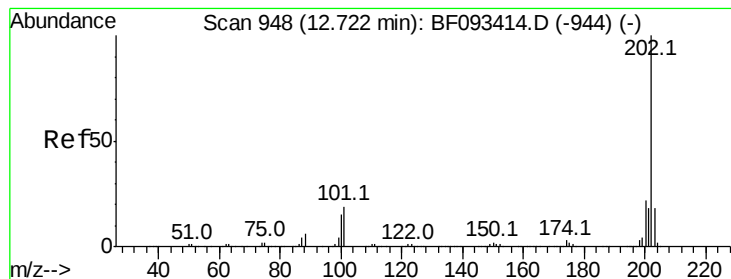


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 30.10 ng

RT: 12.68 min Scan# 944

Delta R.T. -0.00 min

Lab File: BF093575.D

Acq: 11 Mar 2017 18:53

Instrument :

BNA_F

ClientSampleId :

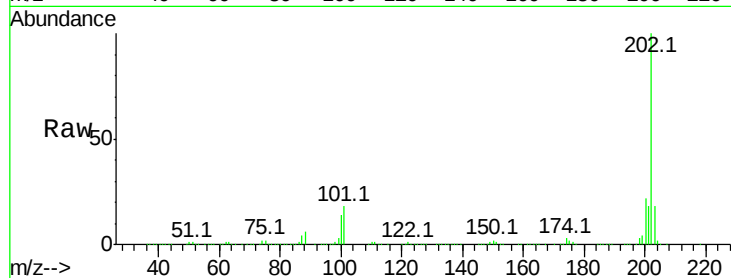
Tot Ion:202 Resp: 949884

Ion Ratio Lower Upper

202 100

200 22.0 17.7 26.5

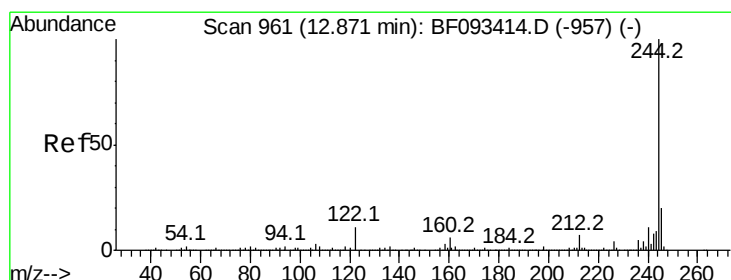
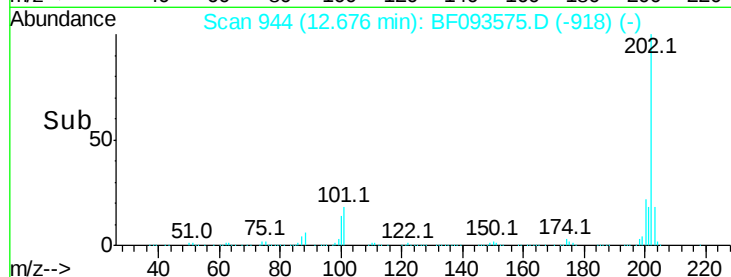
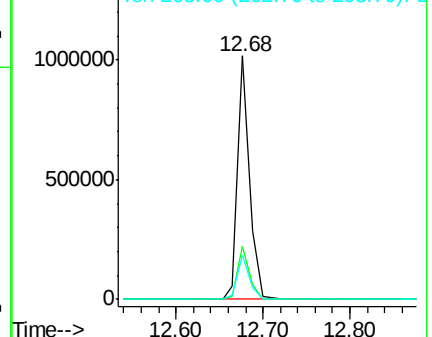
203 17.9 14.7 22.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 60.92 ng

RT: 12.83 min Scan# 957

Delta R.T. -0.00 min

Lab File: BF093575.D

Acq: 11 Mar 2017 18:53

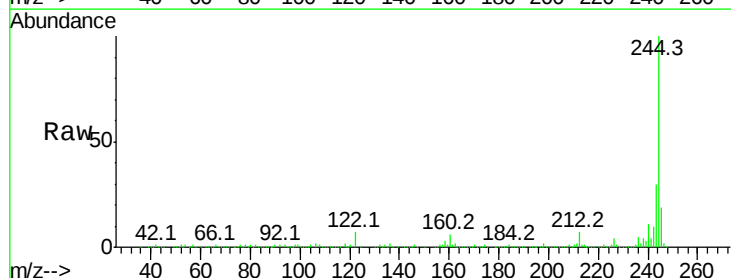
Tgt Ion:244 Resp: 1016673

Ion Ratio Lower Upper

244 100

212 7.0 6.2 9.2

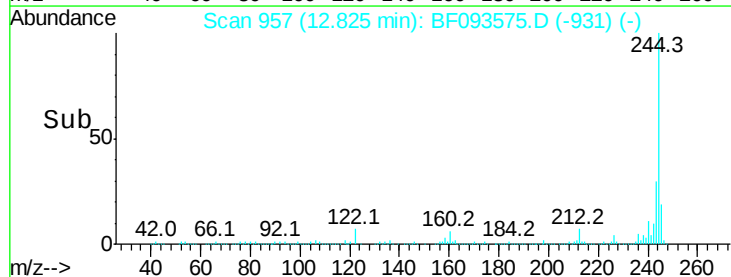
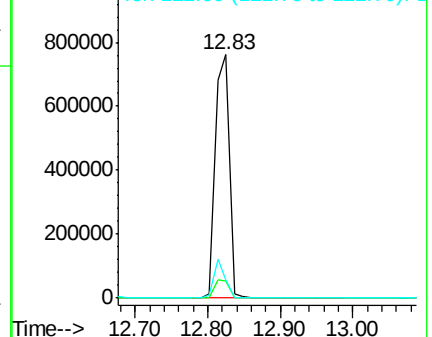
122 7.4 11.4 17.2#

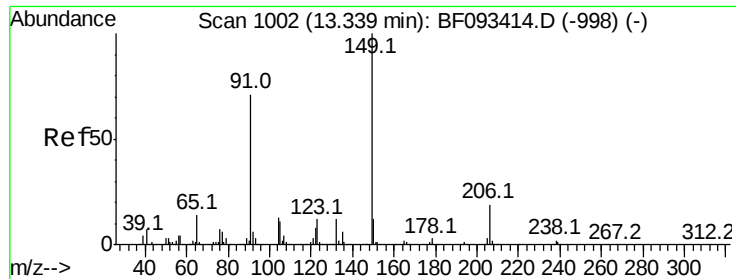


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

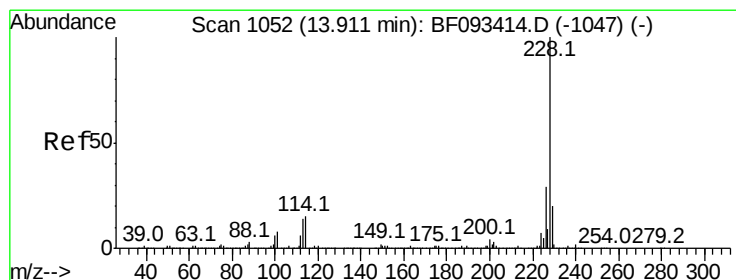
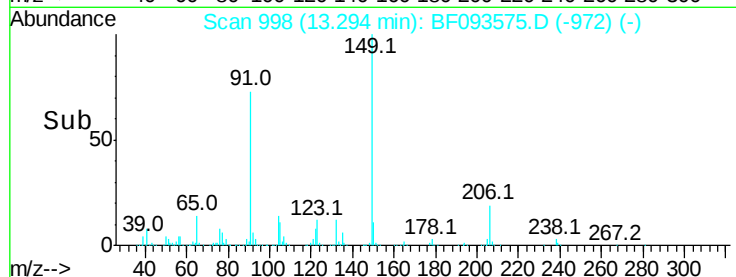
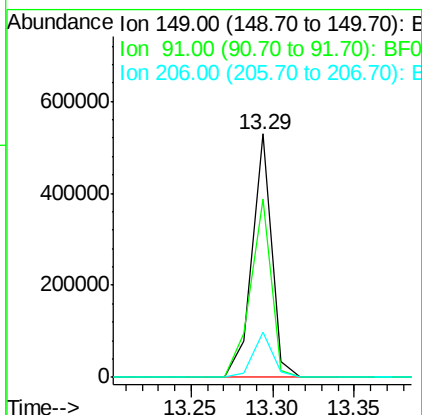
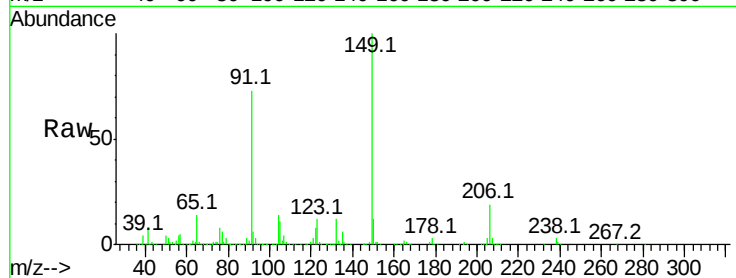




#79
Butylbenzylphthalate
Concen: 33.38 ng
RT: 13.29 min Scan# 998
Delta R.T. -0.00 min
Lab File: BF093575.D
Acq: 11 Mar 2017 18:53

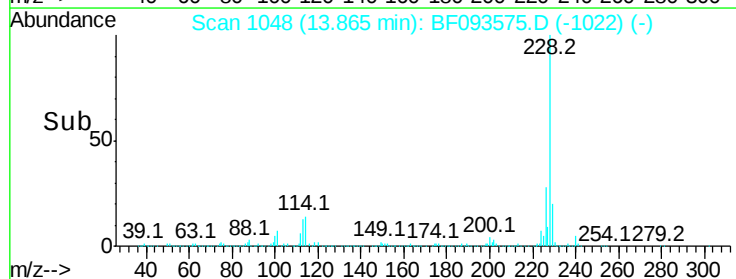
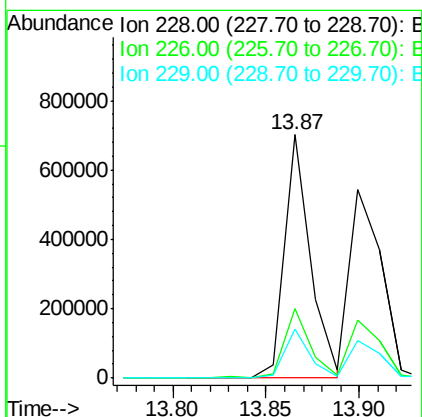
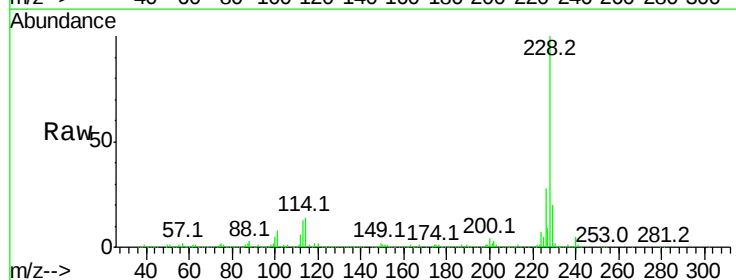
Instrument :
BNA_F
ClientSampleId :

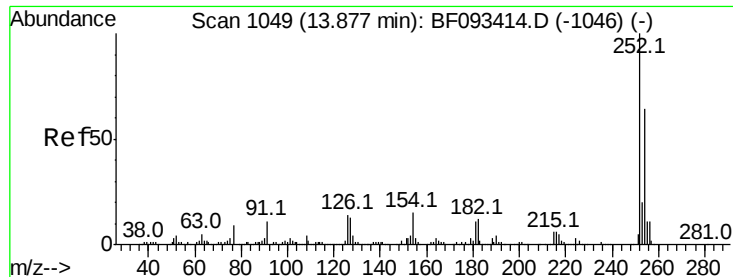
Tot Ion	Ratio	Lower	Upper
149	100		
91	73.3	63.9	95.9
206	18.5	14.6	21.8



#80
Benzo(a)anthracene
Concen: 26.53 ng
RT: 13.87 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BF093575.D
Acq: 11 Mar 2017 18:53

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

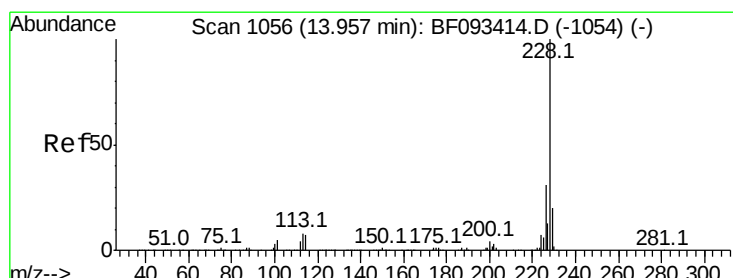
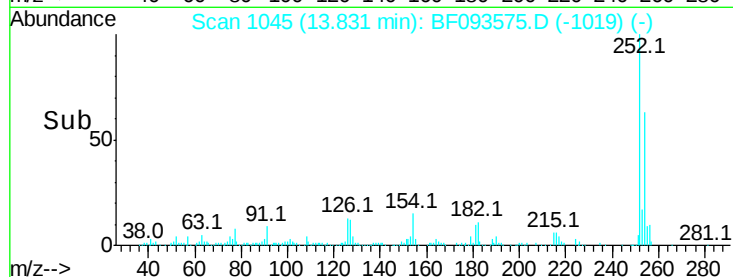
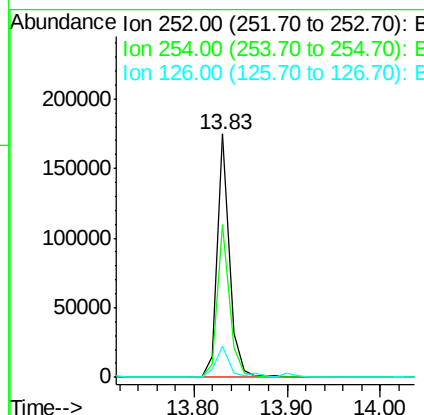
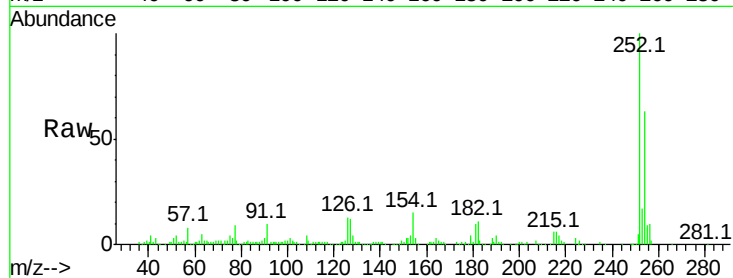




#81
 3,3'-Dichlorobenzidine
 Concen: 17.75 ng
 RT: 13.83 min Scan# 1045
 Delta R.T. -0.00 min
 Lab File: BF093575.D
 Acq: 11 Mar 2017 18:53

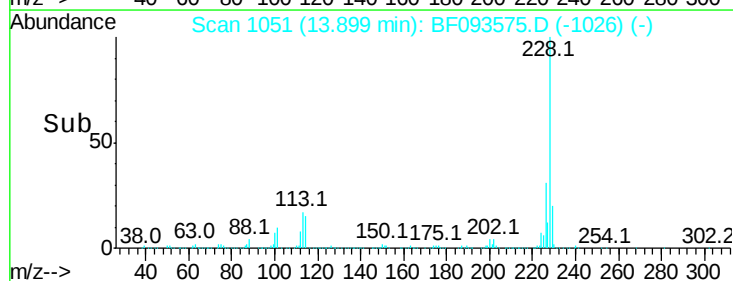
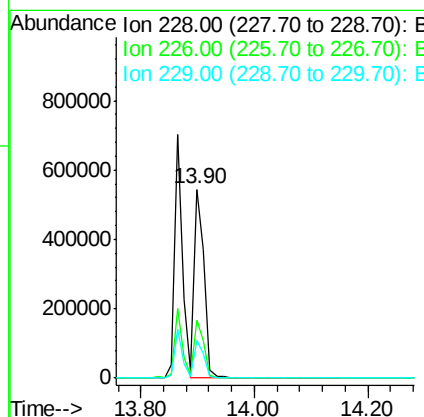
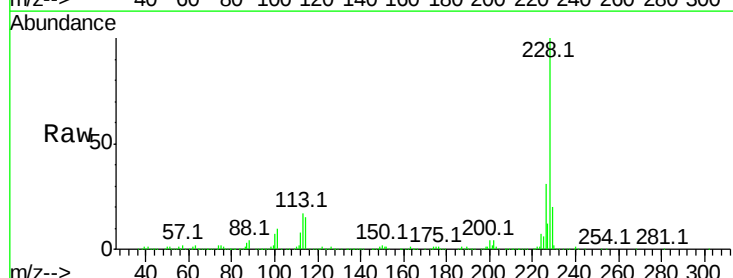
Instrument :
 BNA_F
 ClientSampleId :

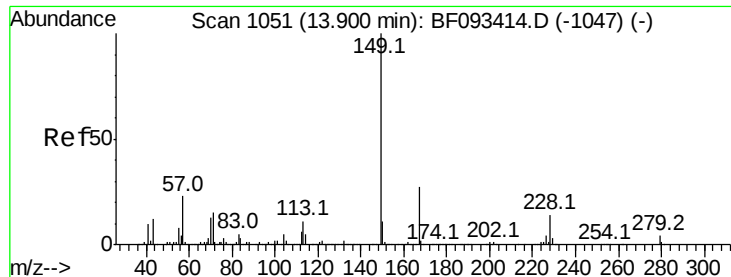
Tot Ion	Ratio	Lower	Upper
252	100		
254	62.8	52.3	78.5
126	12.6	13.6	20.4



#82
 Chrysene
 Concen: 27.85 ng
 RT: 13.90 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: BF093575.D
 Acq: 11 Mar 2017 18:53

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.4	38.0
229	20.1	16.2	24.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 31.93 ng

RT: 13.85 min Scan# 1047

Delta R.T. -0.00 min

Lab File: BF093575.D

Acq: 11 Mar 2017 18:53

Instrument :

BNA_F

ClientSampleId :

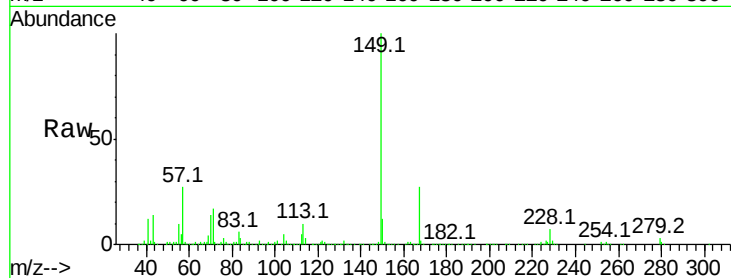
Tot Ion:149 Resp: 591129

Ion Ratio Lower Upper

149 100

167 27.0 20.2 30.4

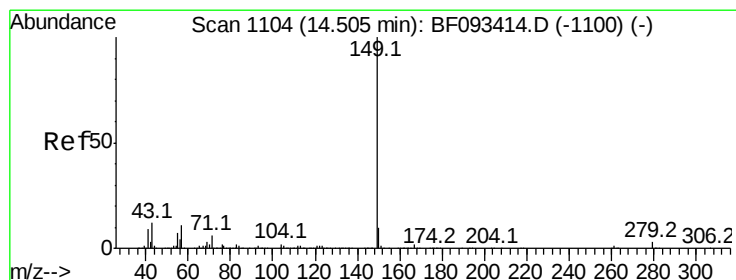
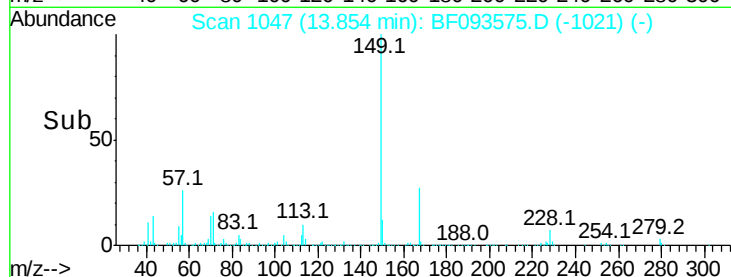
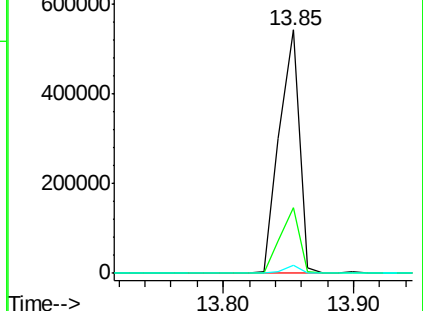
279 3.5 1.8 2.8#



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: 27.58 ng

RT: 14.46 min Scan# 1100

Delta R.T. -0.00 min

Lab File: BF093575.D

Acq: 11 Mar 2017 18:53

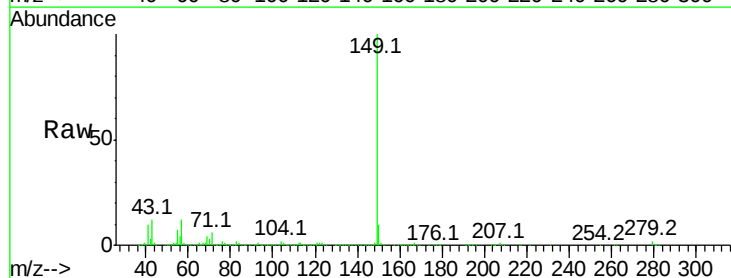
Tgt Ion:149 Resp: 850975

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

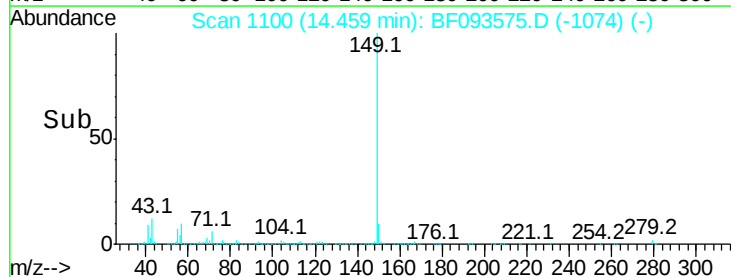
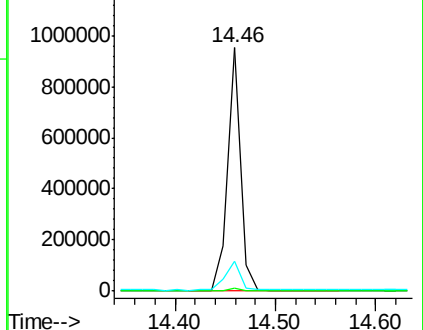
43 13.2 8.9 13.3

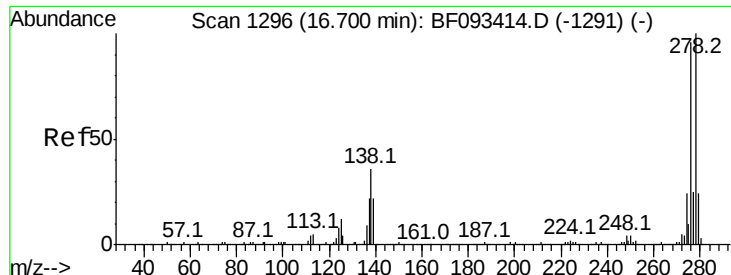


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

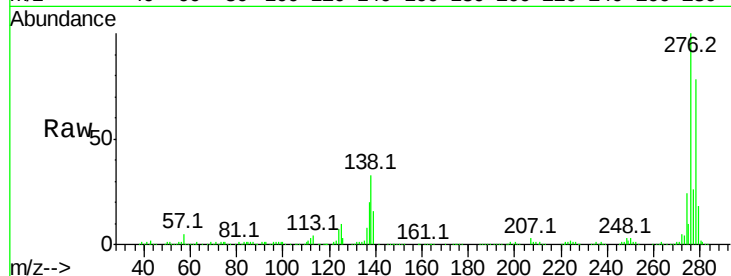




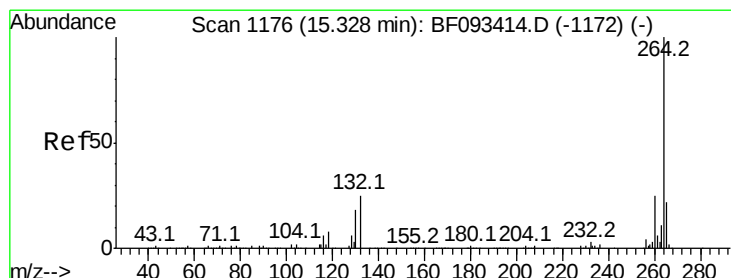
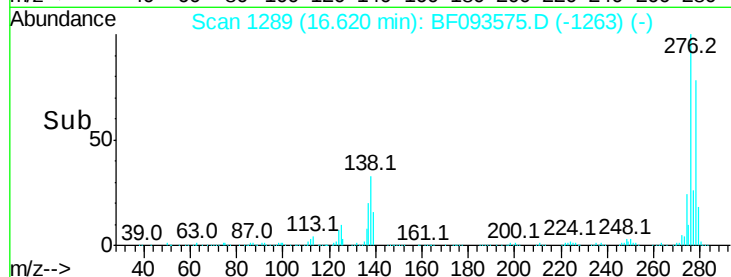
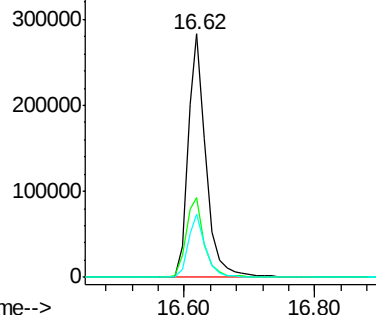
#85
Indeno(1,2,3-cd)pyrene
Concen: 27.35 ng
RT: 16.62 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BF093575.D
Acq: 11 Mar 2017 18:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	34.0	21.8	32.6
277	25.2	20.2	30.4

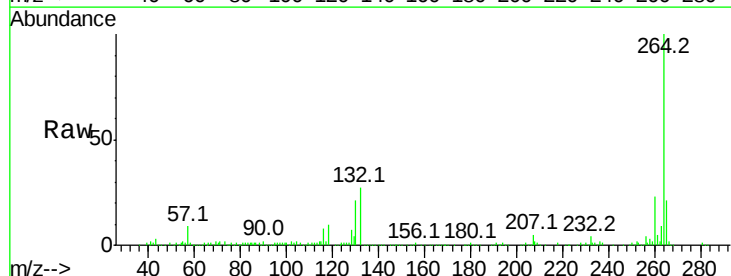


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

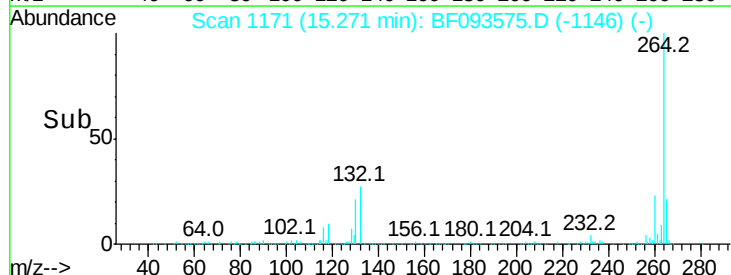
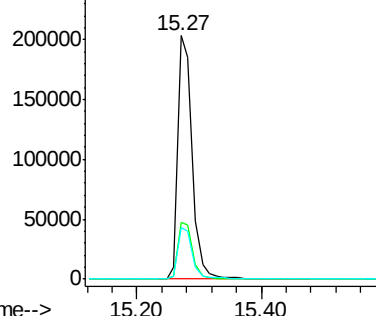


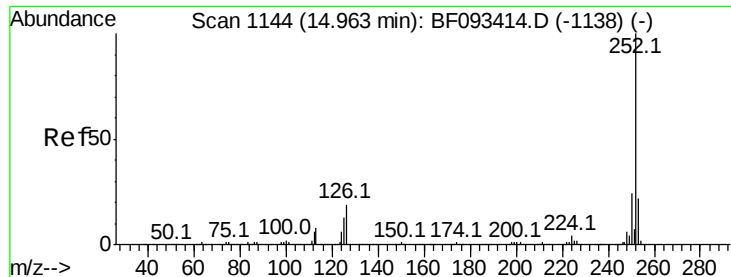
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.27 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BF093575.D
Acq: 11 Mar 2017 18:53

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.4	17.4	26.0



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

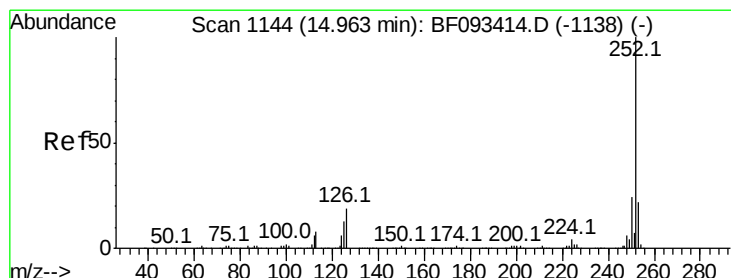
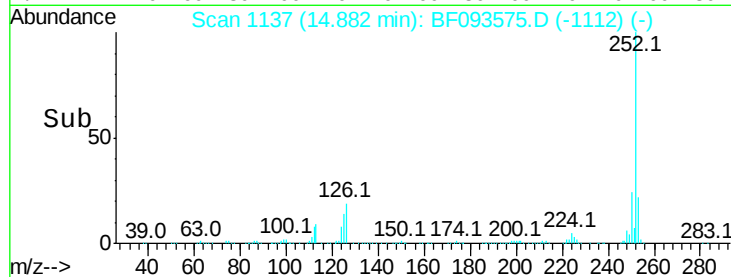
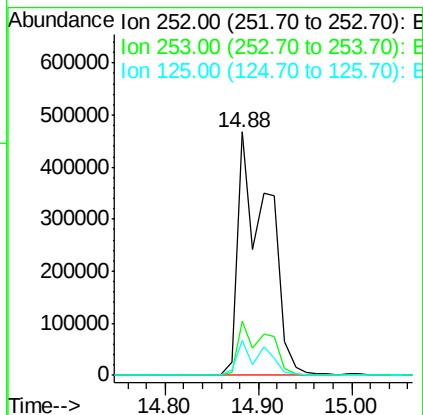
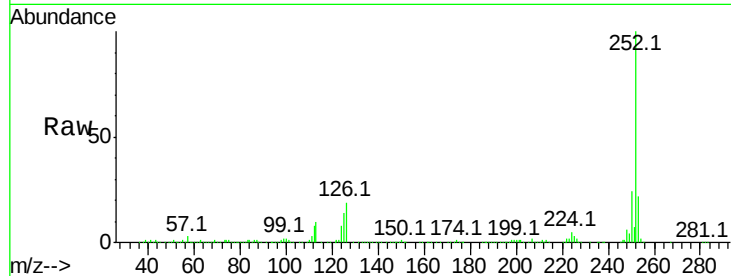




#87
Benzo(b)fluoranthene
Concen: 52.67 ng
RT: 14.88 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BF093575.D
Acq: 11 Mar 2017 18:53

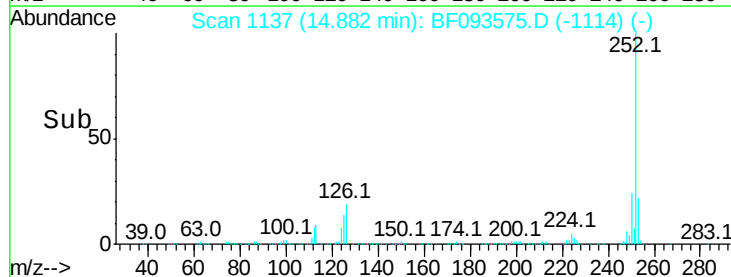
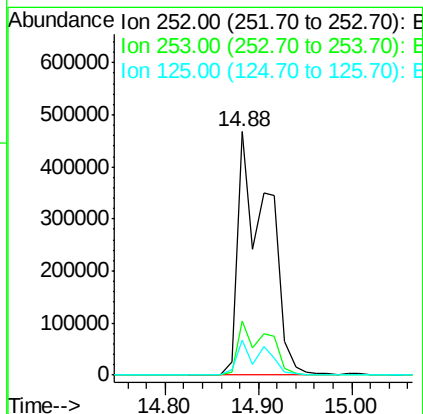
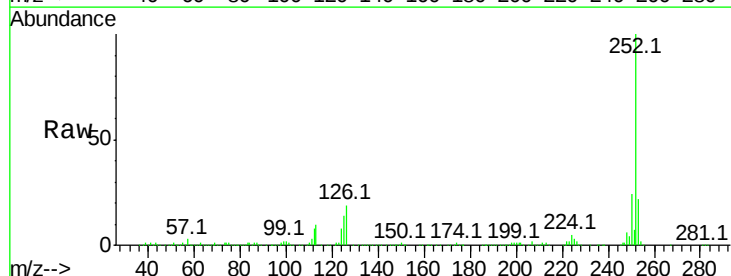
Instrument :
BNA_F
ClientSampleId :

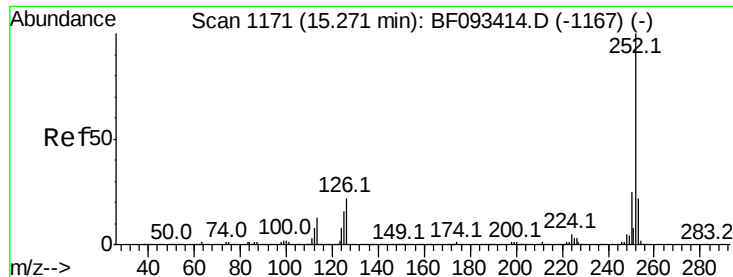
Tot Ion:252 Resp: 1042889
Ion Ratio Lower Upper
252 100
253 22.2 18.2 27.4
125 14.1 9.8 14.6



#88
Benzo(k)fluoranthene
Concen: 54.62 ng
RT: 14.88 min Scan# 1137
Delta R.T. -0.03 min
Lab File: BF093575.D
Acq: 11 Mar 2017 18:53

Tgt Ion:252 Resp: 1042889
Ion Ratio Lower Upper
252 100
253 22.2 18.5 27.7
125 14.1 8.9 13.3#

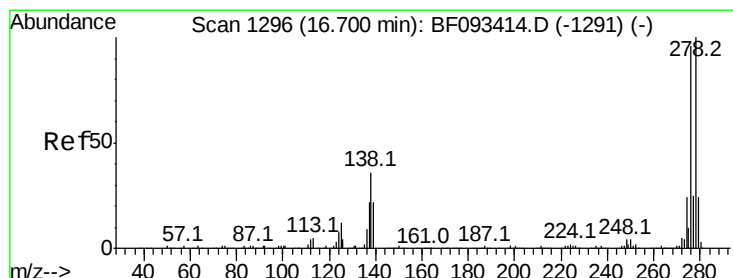
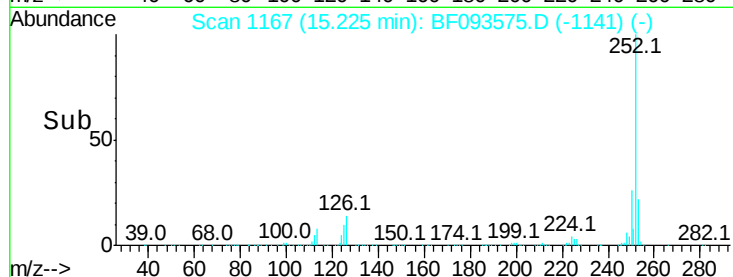
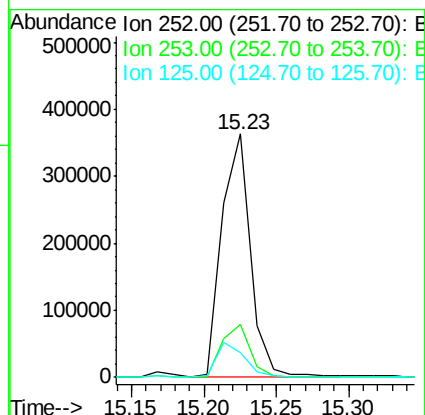
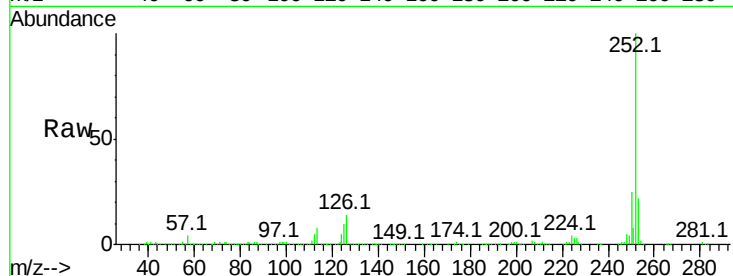




#89
Benzo(a)pyrene
Concen: 27.39 ng
RT: 15.23 min Scan# 1167
Delta R.T. -0.00 min
Lab File: BF093575.D
Acq: 11 Mar 2017 18:53

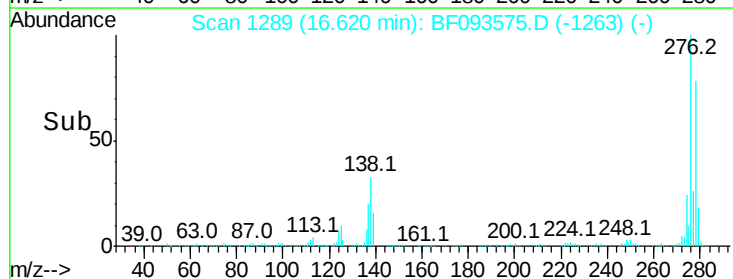
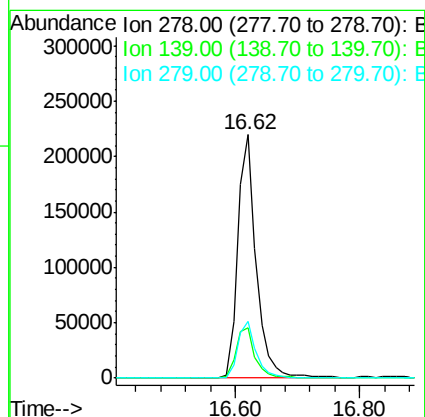
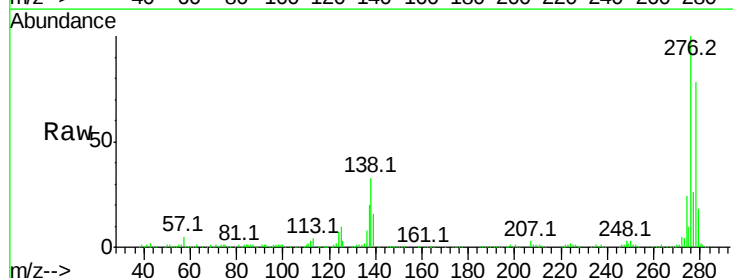
Instrument :
BNA_F
ClientSampleId :

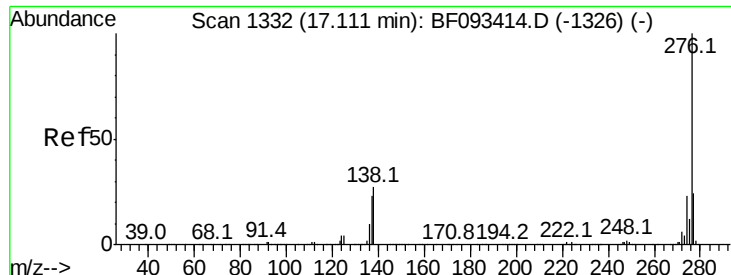
Tot Ion:	252	Resp:	495599
Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.2	27.2
125	10.3	10.0	15.0



#90
Dibenzo(a,h)anthracene
Concen: 30.36 ng
RT: 16.62 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BF093575.D
Acq: 11 Mar 2017 18:53

Tgt Ion:	278	Resp:	454441
Ion	Ratio	Lower	Upper
278	100		
139	20.5	14.8	22.2
279	23.2	19.8	29.6

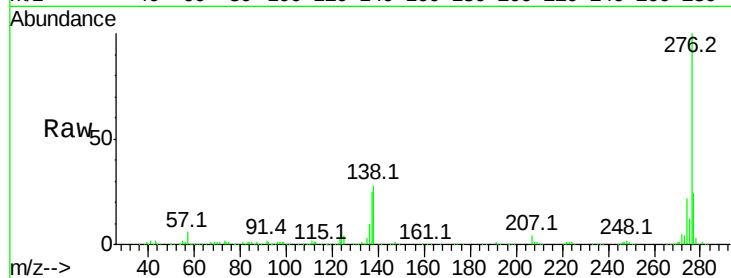




#91
 Benzo(a,h,i)perylene
 Concen: 31.17 ng
 RT: 17.02 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: BF093575.D
 Acq: 11 Mar 2017 18:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.2	28.8
138	27.7	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

