

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031017\
 Data File : BF093545.D
 Acq On : 11 Mar 2017 2:10
 Operator : SJ/MA
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Mar 11 02:44:34 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 07 15:55:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	173350	20.00	ng	-0.02
21) Naphthalene-d8	8.02	136	676100	20.00	ng	-0.03
38) Acenaphthene-d10	9.77	164	332247	20.00	ng	-0.03
63) Phenanthrene-d10	11.26	188	585949	20.00	ng	-0.02
75) Chrysene-d12	13.91	240	448467	20.00	ng	-0.01
86) Perylene-d12	15.31	264	367411	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.34	112	937129	89.97	ng	-0.01
7) Phenol-d6	6.41	99	1073682	81.75	ng	0.00
23) Nitrobenzene-d5	7.32	82	980493	80.46	ng	-0.02
41) 2,4,6-Tribromophenol	10.57	330	184486	85.23	ng	-0.02
44) 2-Fluorobiphenyl	9.10	172	1431287	80.13	ng	-0.03
78) Terphenyl-d14	12.85	244	1564901	90.72	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.22	88	241976	42.18	ng	# 84
3) Pyridine	2.90	79	623579	42.63	ng	89
4) n-Nitrosodimethylamine	2.88	42	293366	41.99	ng	84
6) Aniline	6.41	93	688471	38.19	ng	# 59
8) 2-Chlorophenol	6.54	128	463990	39.76	ng	99
9) Benzaldehyde	6.30	77	309483	37.58	ng	98
10) Phenol	6.42	94	670320	41.65	ng	78
11) bis(2-Chloroethyl)ether	6.48	93	518842	39.89	ng	91
12) 1,3-Dichlorobenzene	6.92	146	466363	34.91	ng	98
13) 1,4-Dichlorobenzene	6.76	146	547183	40.01	ng	99
14) 1,2-Dichlorobenzene	6.92	146	479776	39.62	ng	96
15) Benzyl Alcohol	6.90	79	367170	39.22	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.02	45	912970	42.25	ng	99
17) 2-Methylphenol	7.03	107	386541	39.16	ng	# 92
18) Hexachloroethane	7.25	117	195097	42.30	ng	98
19) n-Nitroso-di-n-propylamine	7.17	70	371589	41.15	ng	95
20) 3+4-Methylphenols	7.19	107	558199	43.60	ng	# 73
22) Acetophenone	7.17	105	677760	41.66	ng	# 93
24) Nitrobenzene	7.34	77	613169	44.77	ng	97
25) Isophorone	7.58	82	1016383	41.36	ng	99
26) 2-Nitrophenol	7.66	139	249258	39.89	ng	87
27) 2,4-Dimethylphenol	7.70	122	410528	40.39	ng	99
28) bis(2-Chloroethoxy)methane	7.78	93	608306	39.21	ng	98
29) 2,4-Dichlorophenol	7.91	162	410051	42.88	ng	92
30) 1,2,4-Trichlorobenzene	7.98	180	409688	40.29	ng	99
31) Naphthalene	8.05	128	1315673	38.83	ng	99
32) Benzoic acid	7.85	122	162587	30.78	ng	97
33) 4-Chloroaniline	8.12	127	548761	39.91	ng	99
34) Hexachlorobutadiene	8.16	225	219710	41.94	ng	99
35) Caprolactam	8.49	113	136419	41.77	ng	# 48
36) 4-Chloro-3-methylphenol	8.62	107	400160	39.21	ng	90
37) 2-Methylnaphthalene	8.74	142	873324	40.51	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	378671	41.74	ng	99
40) Hexachlorocyclopentadiene	8.88	237	91683	46.08	ng	97

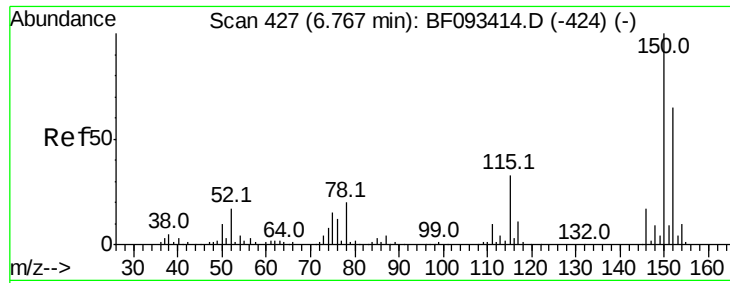
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.03	196	249612	44.04	nq	92
43) 2,4,5-Trichlorophenol	9.09	196	253269	41.64	nq #	87
45) 1,1'-Biphenyl	9.20	154	1014383	41.91	nq	97
46) 2-Chloronaphthalene	9.22	162	801985	43.29	nq	94
47) 2-Nitroaniline	9.34	65	296549	45.28	nq	89
48) Acenaphthylene	9.64	152	1249833	40.90	nq	99
49) Dimethylphthalate	9.51	163	938489	42.61	nq	99
50) 2,6-Dinitrotoluene	9.58	165	187057	38.70	nq #	45
51) Acenaphthene	9.81	154	715466	39.60	nq	95
52) 3-Nitroaniline	9.76	138	254042	43.75	nq	80
53) 2,4-Dinitrophenol	9.91	184	10442	4.74	nq #	74
54) Dibenzofuran	9.98	168	1031147	45.60	nq	95
55) 4-Nitrophenol	9.98	139	495989	175.86	nq #	13
56) 2,4-Dinitrotoluene	9.99	165	266037	44.80	nq #	78
57) Fluorene	10.32	166	824619	43.03	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.12	232	190931	44.48	nq	95
59) Diethylphthalate	10.21	149	935479	44.44	nq	97
60) 4-Chlorophenyl-phenylether	10.32	204	404917	47.14	nq #	76
61) 4-Nitroaniline	10.38	138	251320	42.32	nq	86
62) Azobenzene	10.48	77	1123267	46.96	nq	93
64) 4,6-Dinitro-2-methylphenol	10.41	198	94976	25.02	nq	83
65) n-Nitrosodiphenylamine	10.45	169	760652	38.88	nq	100
66) 4-Bromophenyl-phenylether	10.80	248	232698	37.56	nq	91
67) Hexachlorobenzene	10.88	284	227751	38.49	nq #	90
68) Atrazine	10.97	200	229534	40.08	nq	99
69) Pentachlorophenol	11.09	266	110888	54.28	nq	97
70) Phenanthrene	11.29	178	1281272	38.31	nq	98
71) Anthracene	11.34	178	1311902	38.78	nq	99
72) Carbazole	11.50	167	1277239	40.19	nq	99
73) Di-n-butylphthalate	11.82	149	1395586	37.95	nq	99
74) Fluoranthene	12.47	202	1287096	39.84	nq	95
76) Benzidine	12.61	184	367762	24.94	nq	97
77) Pyrene	12.70	202	1307195	40.08	nq	99
79) Butylbenzylphthalate	13.32	149	603408	43.95	nq	97
80) Benzo(a)anthracene	13.90	228	1077373	40.68	nq	99
81) 3,3'-Dichlorobenzidine	13.85	252	359866	38.80	nq	97
82) Chrysene	13.93	228	1107559	45.20	nq	99
83) Bis(2-ethylhexyl)phthalate	13.88	149	863802	45.14	nq #	97
84) Di-n-octyl phthalate	14.48	149	1283875	40.25	nq	97
85) Indeno(1,2,3-cd)pyrene	16.68	276	804940	39.24	nq #	93
87) Benzo(b)fluoranthene	14.92	252	1798646	80.38	nq	99
88) Benzo(k)fluoranthene	14.92	252	1798896	83.36	nq	99
89) Benzo(a)pyrene	15.26	252	832209	40.69	nq #	96
90) Dibenzo(a,h)anthracene	16.67	278	689278	40.74	nq #	95
91) Benzo(g,h,i)perylene	17.08	276	722335	41.60	nq #	92

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.74 min Scan# 425

Delta R.T. -0.02 min

Lab File: BF093545.D

Acq: 11 Mar 2017 2:10

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BNA_F

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SSTDCCC040

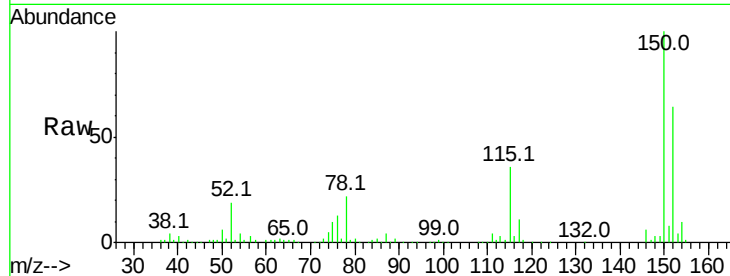
Tot Ion:152 Resp: 173350

Ion Ratio Lower Upper

152 100

150 156.2 124.9 187.3

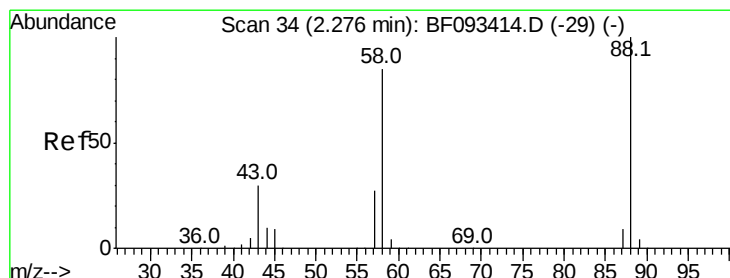
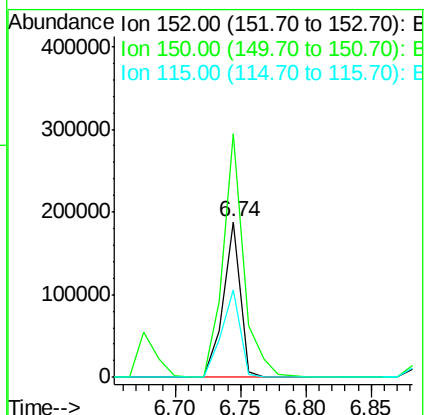
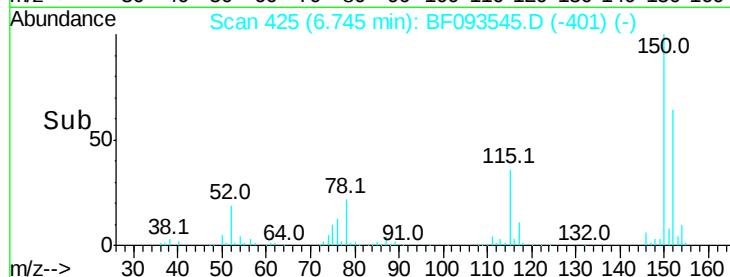
115 55.8 46.0 69.0



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: 42.18 ng

RT: 2.22 min Scan# 29

Delta R.T. -0.06 min

Lab File: BF093545.D

Acq: 11 Mar 2017 2:10

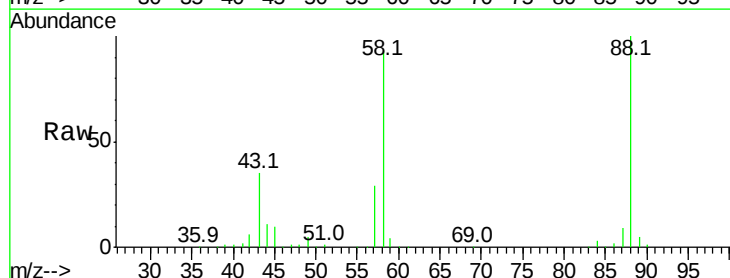
Tgt Ion: 88 Resp: 241976

Ion Ratio Lower Upper

88 100

58 88.1 57.8 86.8#

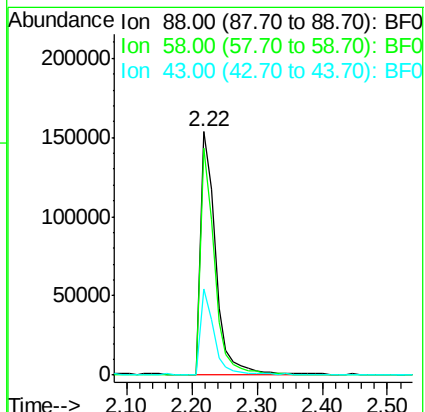
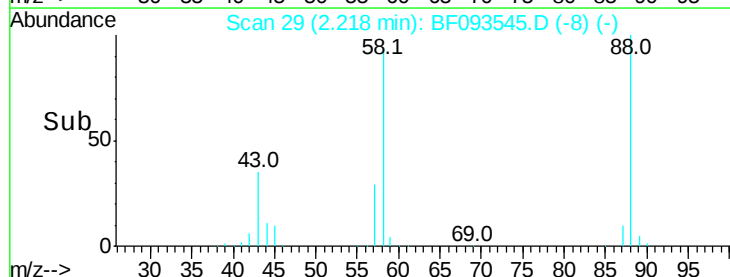
43 31.8 22.3 33.5

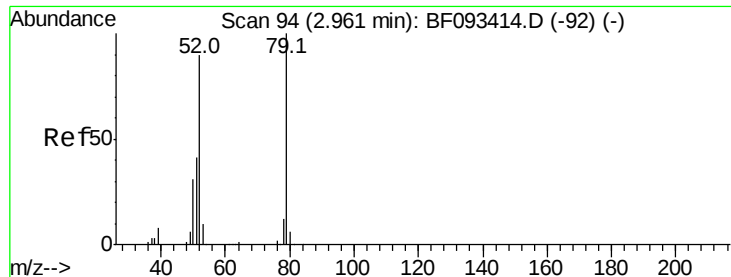


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 42.63 ng

RT: 2.90 min Scan# 89

Delta R.T. -0.06 min

Lab File: BF093545.D

Acq: 11 Mar 2017 2:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

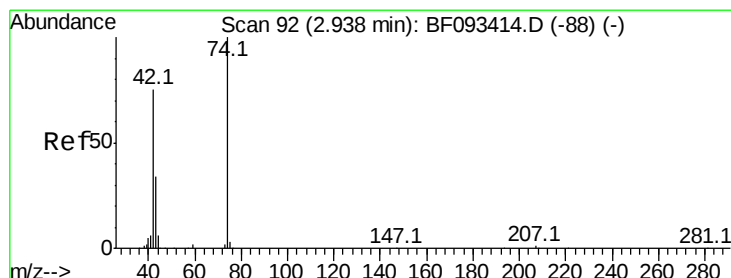
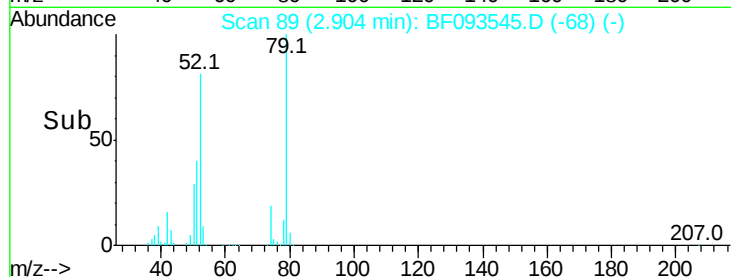
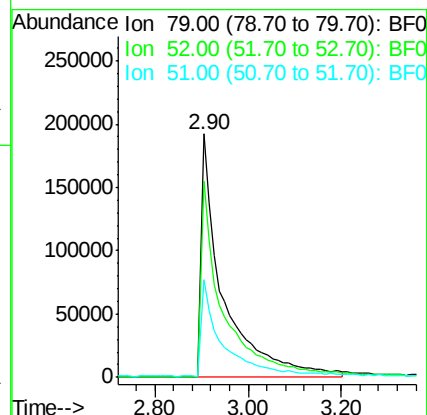
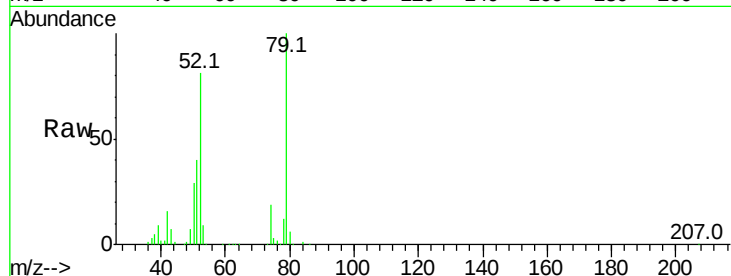
Tot Ion: 79 Resp: 623579

Ion Ratio Lower Upper

79 100

52 80.6 57.1 85.7

51 40.3 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 41.99 ng

RT: 2.88 min Scan# 87

Delta R.T. -0.06 min

Lab File: BF093545.D

Acq: 11 Mar 2017 2:10

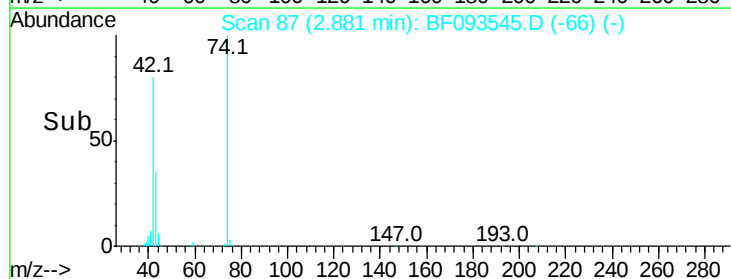
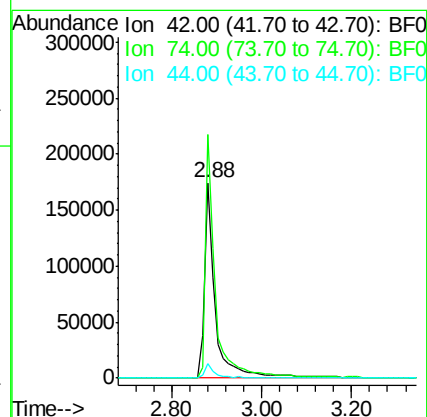
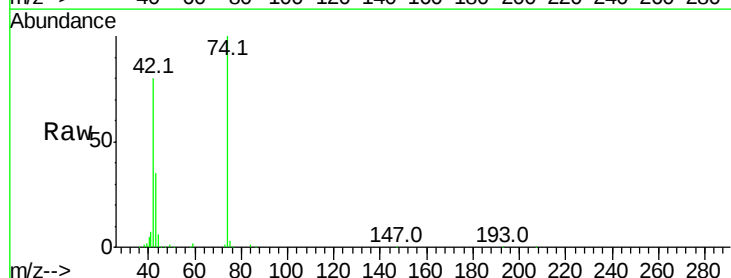
Tgt Ion: 42 Resp: 293366

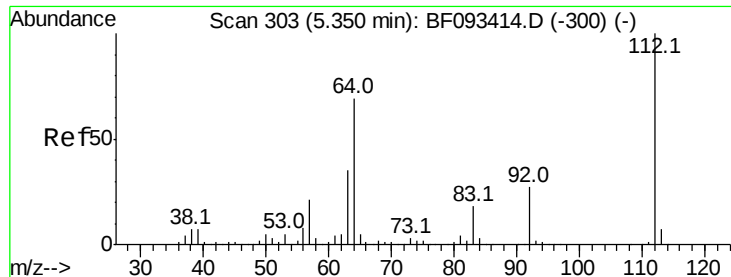
Ion Ratio Lower Upper

42 100

74 124.8 117.0 175.4

44 7.2 5.5 8.3





#5

2-Fluorophenol

Concen: 89.97 ng

RT: 5.34 min Scan# 302

Delta R.T. -0.01 min

Lab File: BF093545.D

Acq: 11 Mar 2017 2:10

Instrument :

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ClientSampleId :

SSTDCCC040

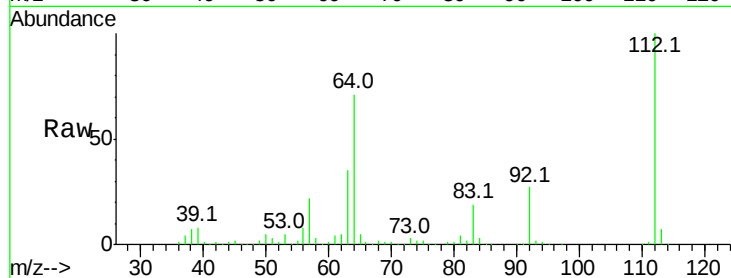
Tot Ion:112 Resp: 937129

Ion Ratio Lower Upper

112 100

64 70.5 46.1 69.1#

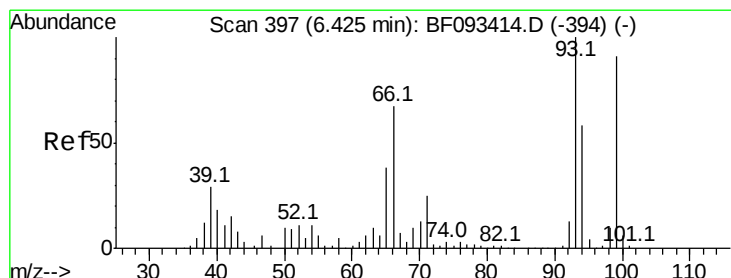
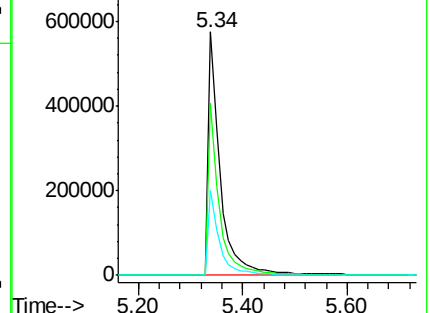
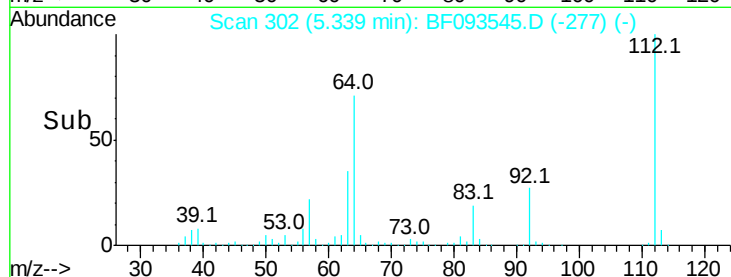
63 34.9 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 38.19 ng

RT: 6.41 min Scan# 396

Delta R.T. -0.01 min

Lab File: BF093545.D

Acq: 11 Mar 2017 2:10

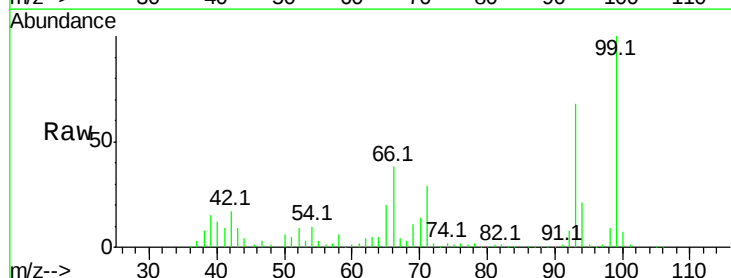
Tgt Ion: 93 Resp: 688471

Ion Ratio Lower Upper

93 100

66 56.0 76.2 114.2#

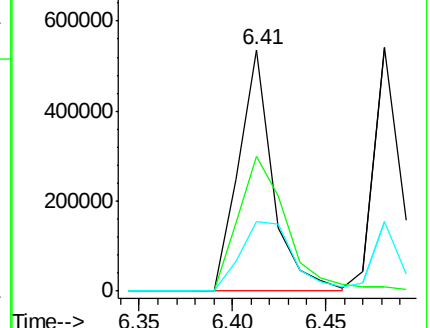
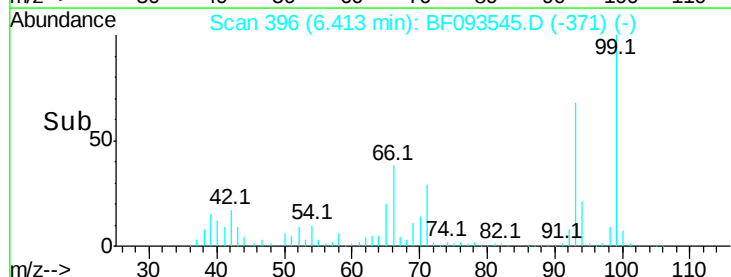
65 28.7 49.3 73.9#

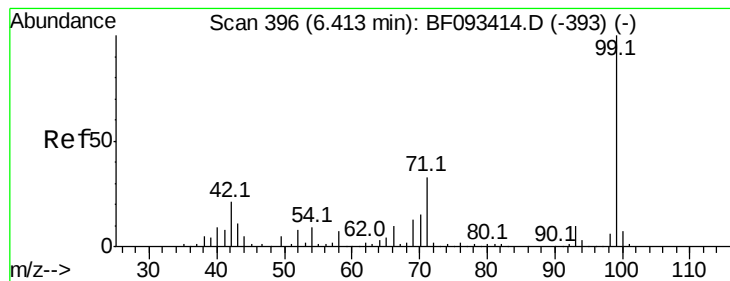


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 81.75 ng

RT: 6.41 min Scan# 396

Delta R.T. -0.00 min

Lab File: BF093545.D

Acq: 11 Mar 2017 2:10

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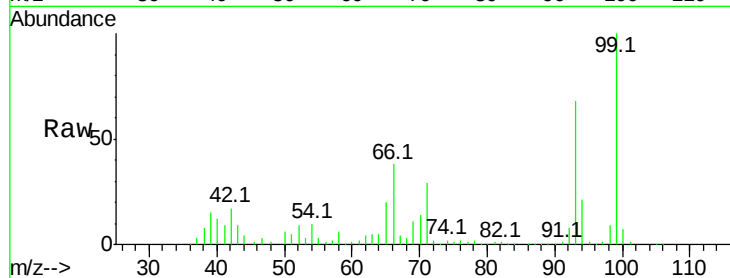
Tot Ion: 99 Resp: 1073682

Ion Ratio Lower Upper

99 100

42 17.4 15.6 23.4

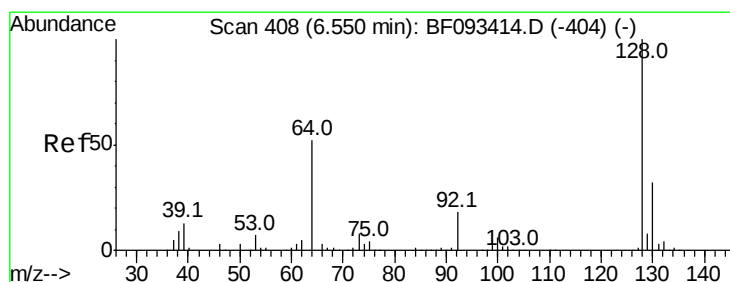
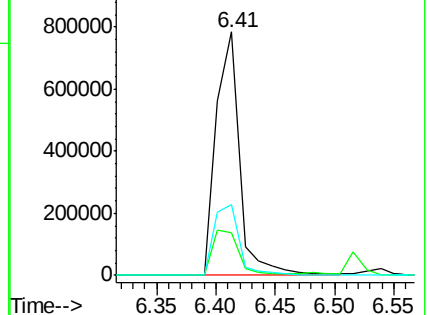
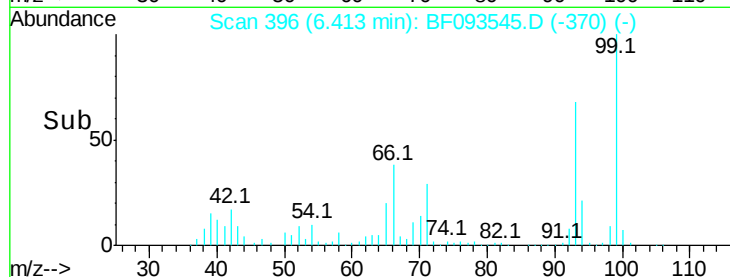
71 29.2 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 39.76 ng

RT: 6.54 min Scan# 407

Delta R.T. -0.01 min

Lab File: BF093545.D

Acq: 11 Mar 2017 2:10

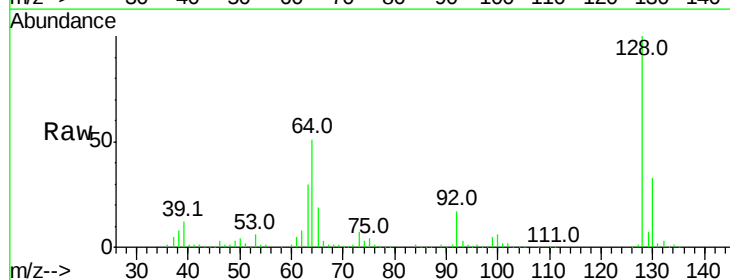
Tgt Ion: 128 Resp: 463990

Ion Ratio Lower Upper

128 100

130 33.0 12.3 52.3

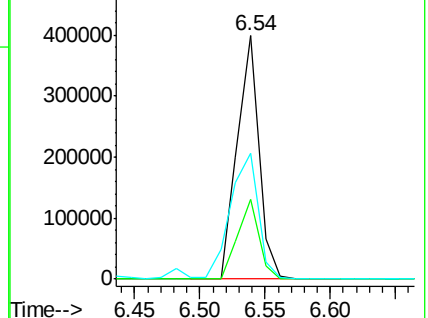
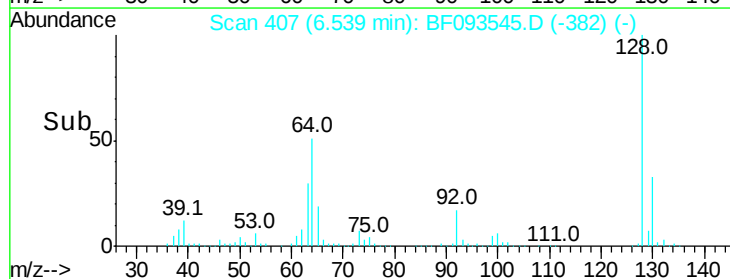
64 51.5 32.2 72.2

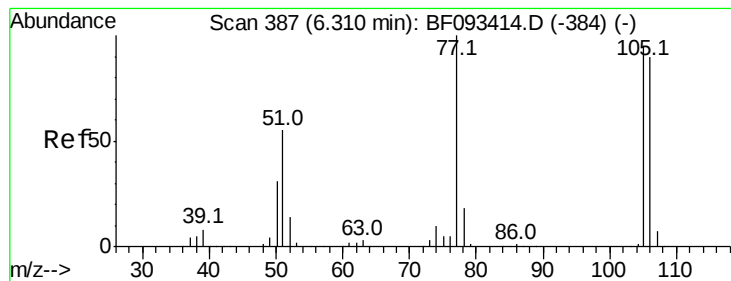


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 37.58 ng

RT: 6.30 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF093545.D

Acq: 11 Mar 2017 2:10

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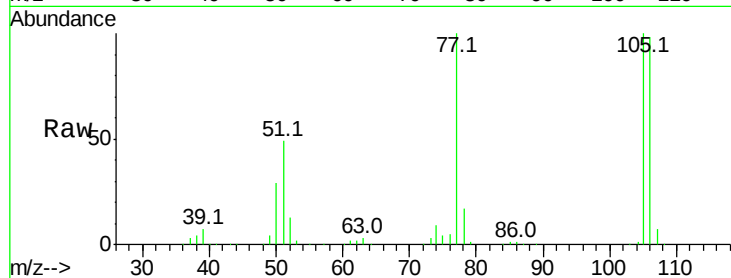
Tot Ion: 77 Resp: 309483

Ion Ratio Lower Upper

77 100

105 99.9 83.9 123.9

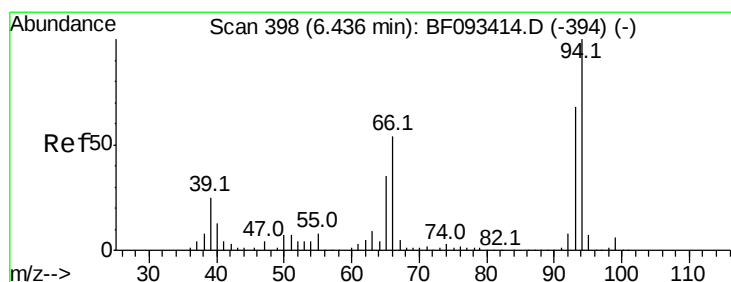
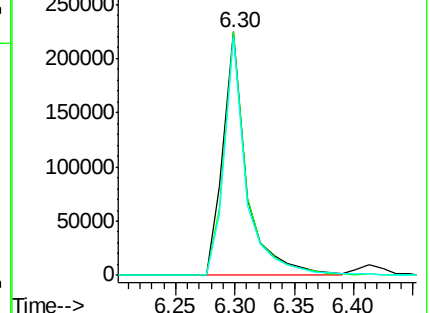
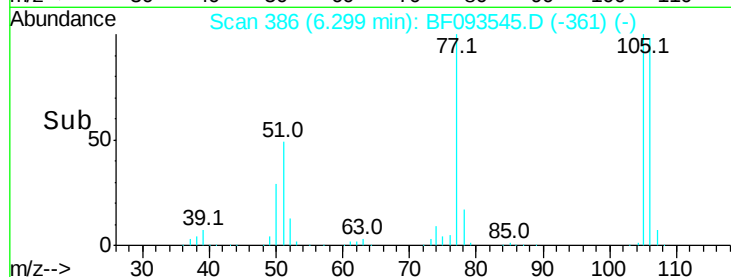
106 98.1 77.6 117.6



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: 41.65 ng

RT: 6.42 min Scan# 397

Delta R.T. -0.01 min

Lab File: BF093545.D

Acq: 11 Mar 2017 2:10

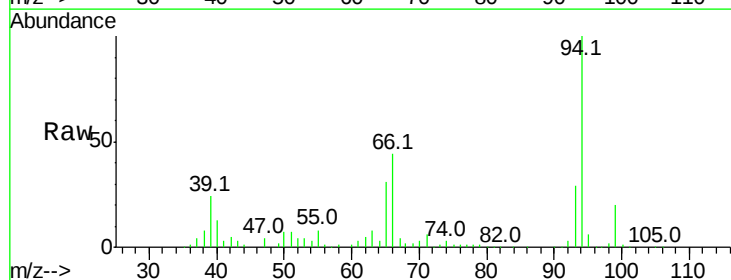
Tgt Ion: 94 Resp: 670320

Ion Ratio Lower Upper

94 100

65 31.2 21.4 61.4

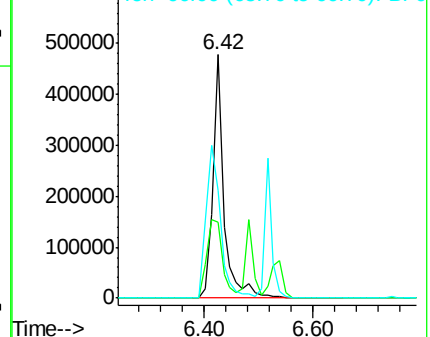
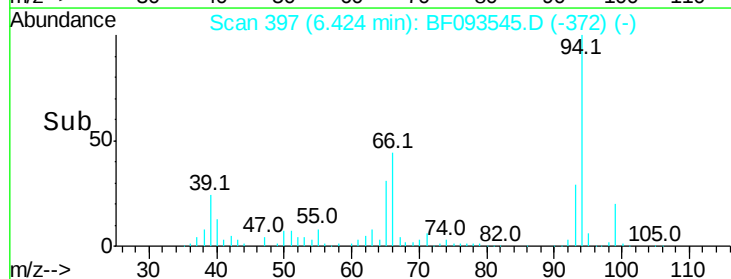
66 44.4 44.0 84.0

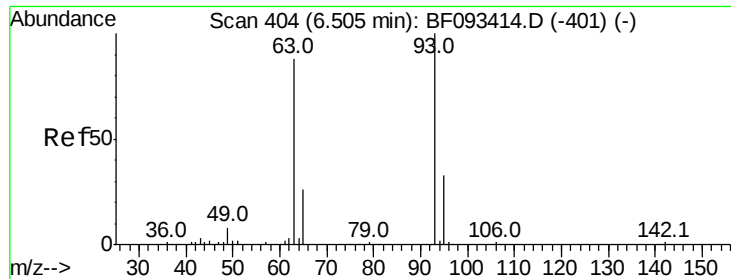


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

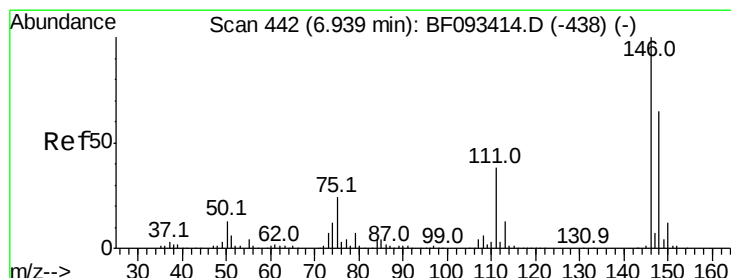
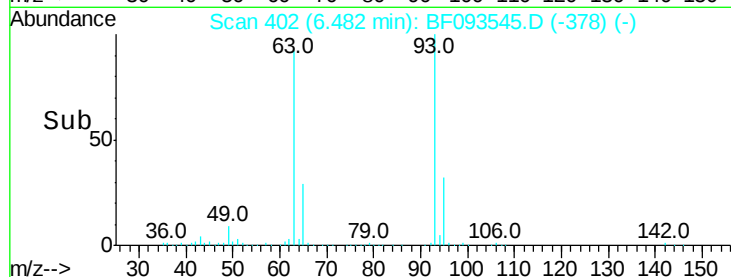
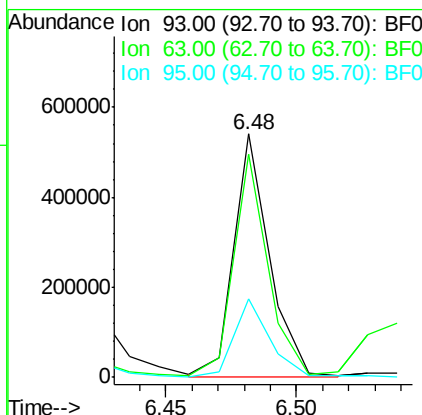
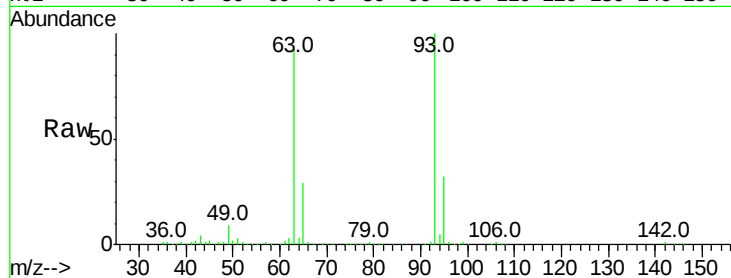




#11
bis(2-Chloroethyl)ether
Concen: 39.89 ng
RT: 6.48 min Scan# 402
Delta R.T. -0.02 min
Lab File: BF093545.D
Acq: 11 Mar 2017 2:10

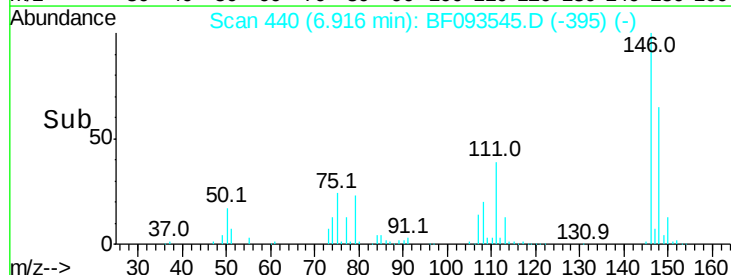
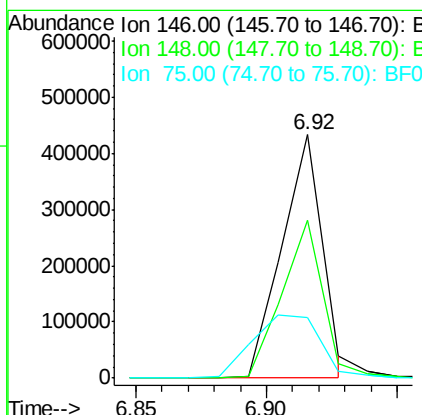
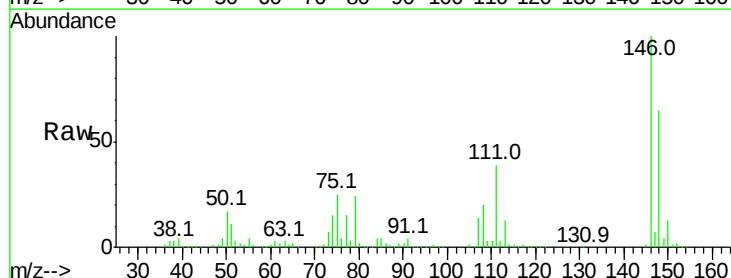
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

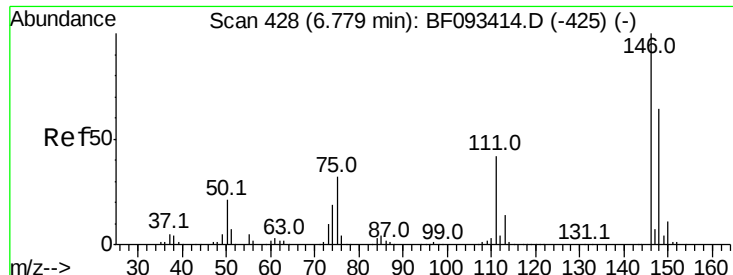
Tot Ion: 93 Resp: 518842
Ion Ratio Lower Upper
93 100
63 91.6 60.4 100.4
95 32.4 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 34.91 ng
RT: 6.92 min Scan# 440
Delta R.T. 0.22 min
Lab File: BF093545.D
Acq: 11 Mar 2017 2:10

Tgt Ion: 146 Resp: 466363
Ion Ratio Lower Upper
146 100
148 65.0 53.4 80.0
75 24.8 18.5 27.7

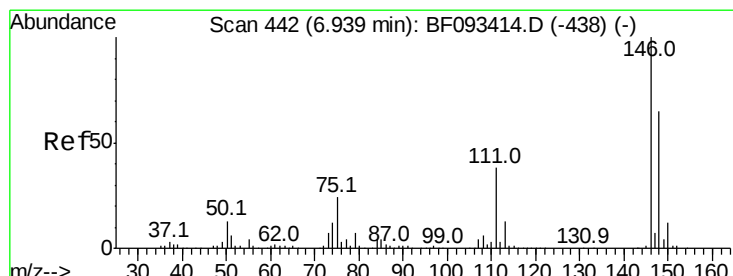
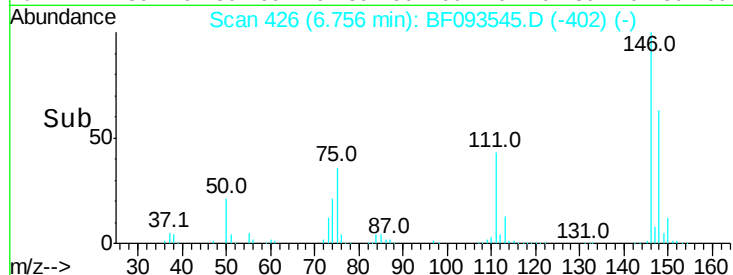
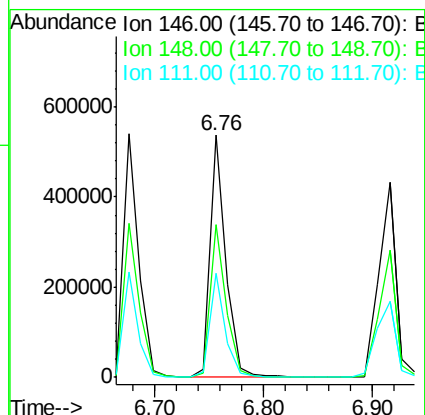
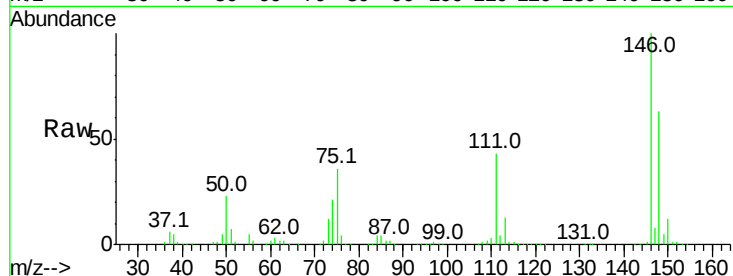




#13
 1,4-Dichlorobenzene
 Concen: 40.01 ng
 RT: 6.76 min Scan# 426
 Delta R.T. -0.02 min
 Lab File: BF093545.D
 Acq: 11 Mar 2017 2:10

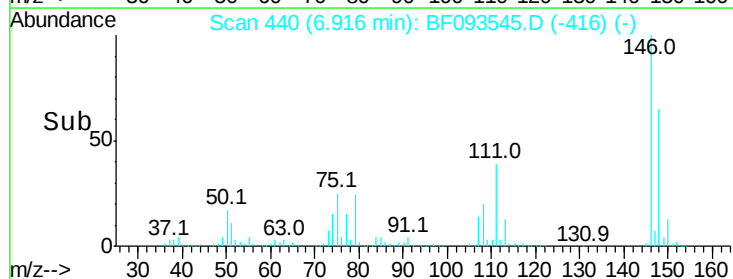
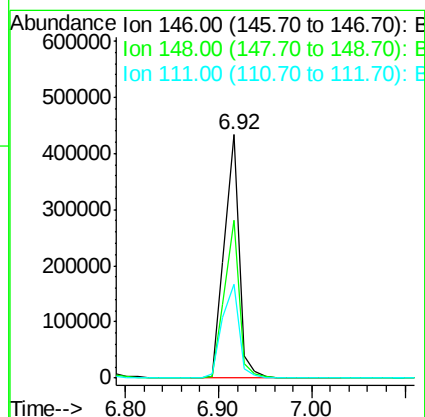
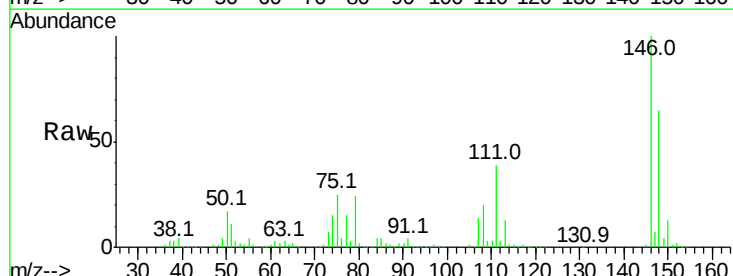
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

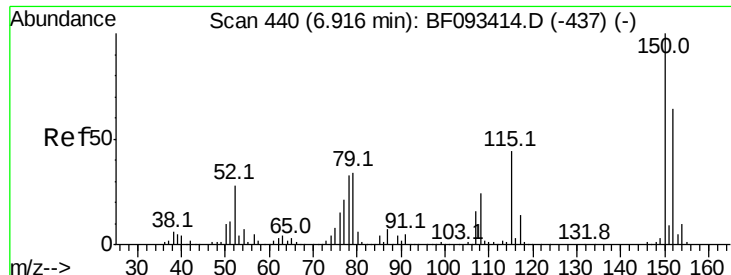
Tot Ion:146 Resp: 547183
 Ion Ratio Lower Upper
 146 100
 148 63.2 50.6 76.0
 111 43.2 36.2 54.4



#14
 1,2-Dichlorobenzene
 Concen: 39.62 ng
 RT: 6.92 min Scan# 440
 Delta R.T. -0.02 min
 Lab File: BF093545.D
 Acq: 11 Mar 2017 2:10

Tgt Ion:146 Resp: 479776
 Ion Ratio Lower Upper
 146 100
 148 65.0 52.2 78.2
 111 38.6 36.2 54.2





#15

Benzyl Alcohol

Concen: 39.22 ng

RT: 6.90 min Scan# 439

Delta R.T. -0.01 min

Lab File: BF093545.D

Acq: 11 Mar 2017 2:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

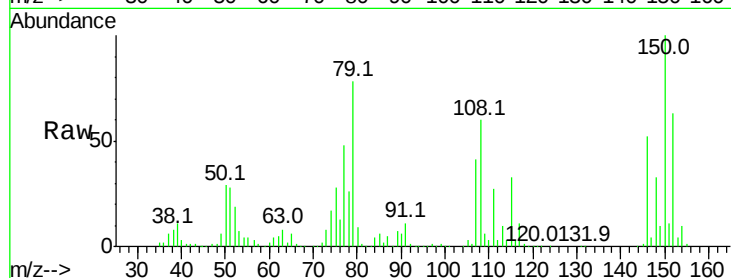
Tot Ion: 79 Resp: 367170

Ion Ratio Lower Upper

79 100

108 76.8 61.4 92.0

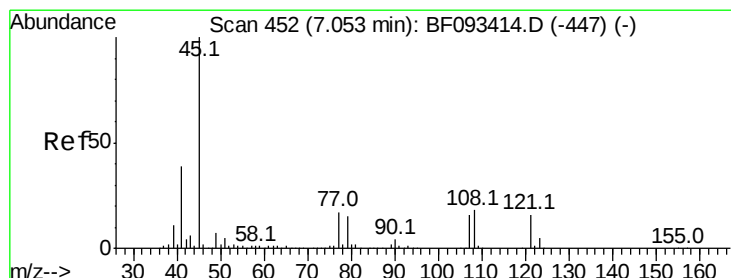
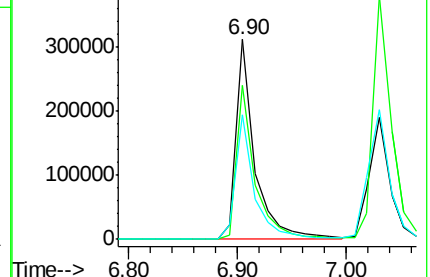
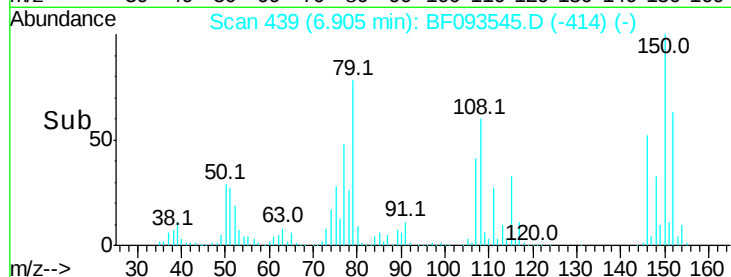
77 62.1 50.9 76.3



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.25 ng

RT: 7.02 min Scan# 449

Delta R.T. -0.03 min

Lab File: BF093545.D

Acq: 11 Mar 2017 2:10

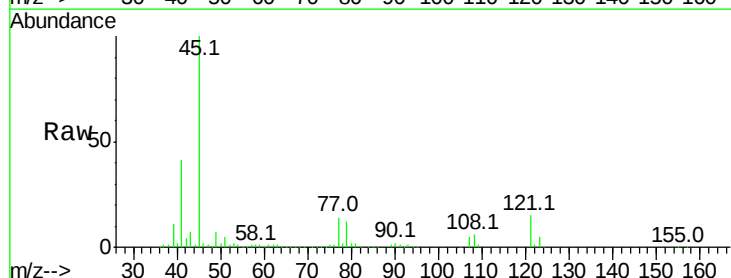
Tgt Ion: 45 Resp: 912970

Ion Ratio Lower Upper

45 100

77 14.2 0.0 34.6

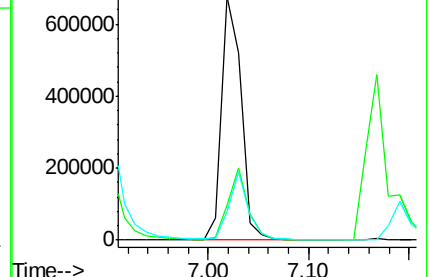
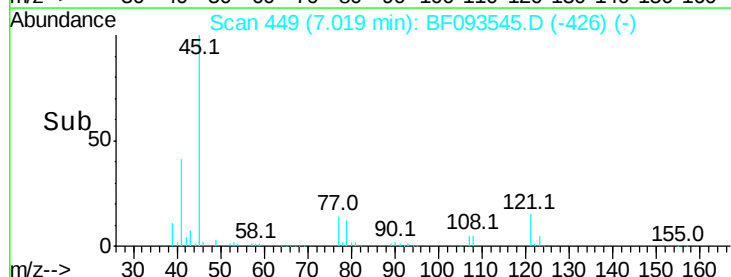
79 11.6 0.0 31.2

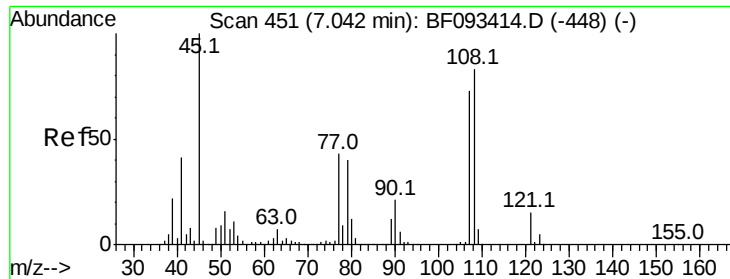


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

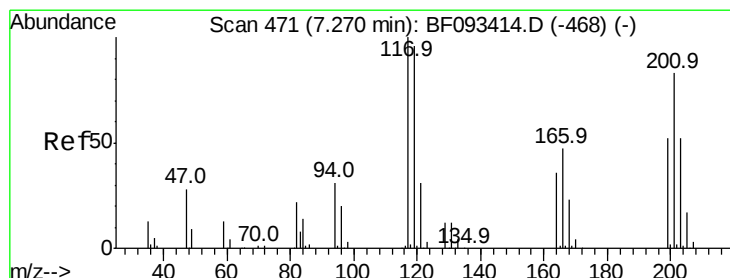
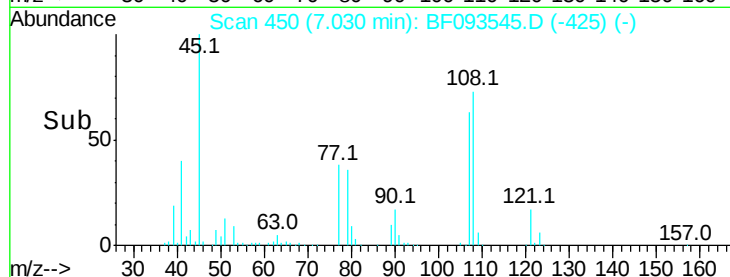
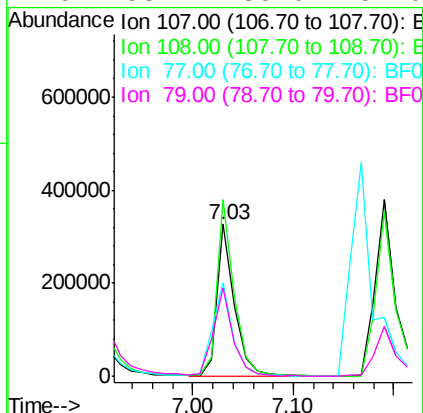
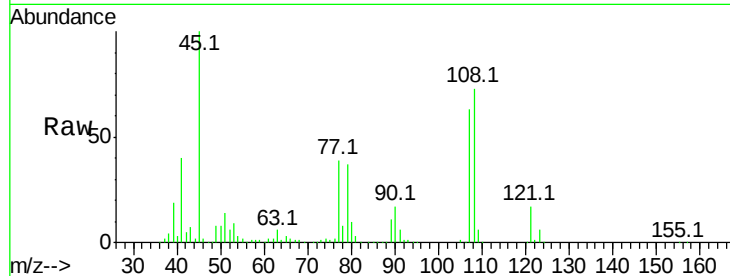




#17
2-Methylphenol
Concen: 39.16 ng
RT: 7.03 min Scan# 450
Delta R.T. -0.01 min
Lab File: BF093545.D
Acq: 11 Mar 2017 2:10

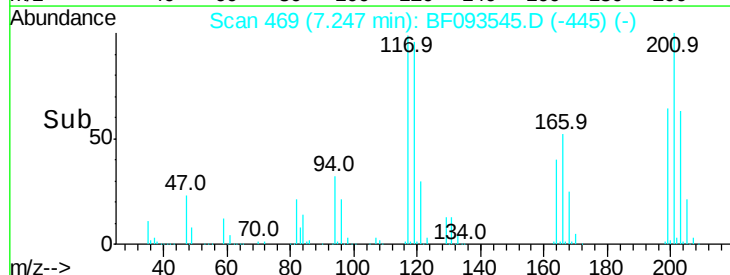
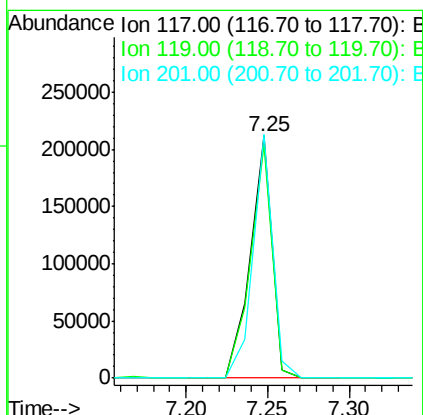
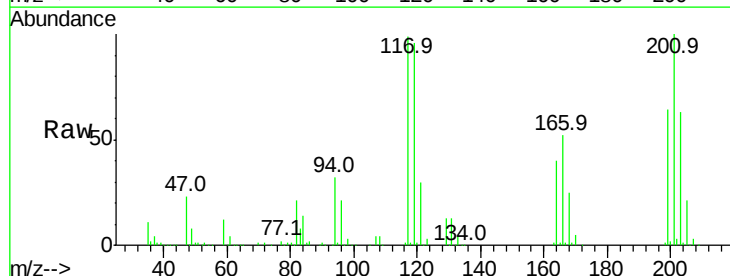
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

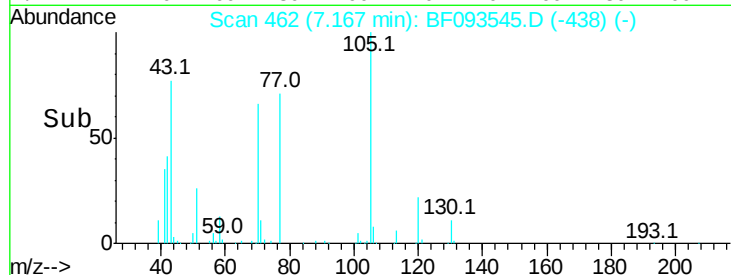
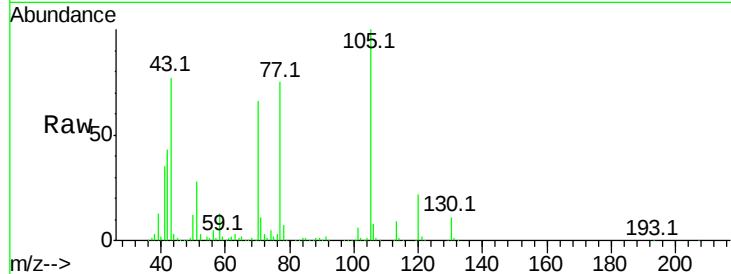
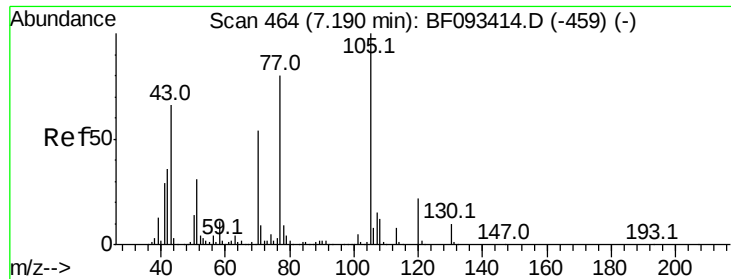
Tot Ion	Ratio	Lower	Upper
107	100		
108	115.9	93.0	139.6
77	61.8	39.8	59.8#
79	58.2	38.0	57.0#



#18
Hexachloroethane
Concen: 42.30 ng
RT: 7.25 min Scan# 469
Delta R.T. -0.02 min
Lab File: BF093545.D
Acq: 11 Mar 2017 2:10

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.4	78.1	117.1
201	100.7	78.6	117.8

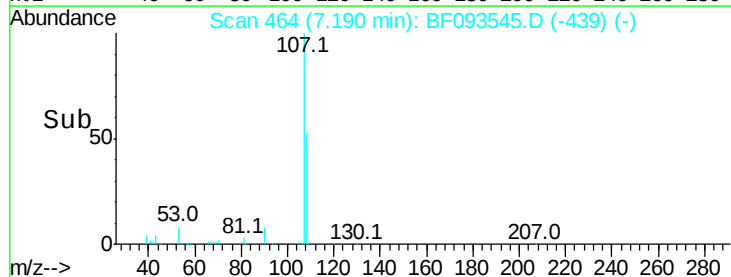
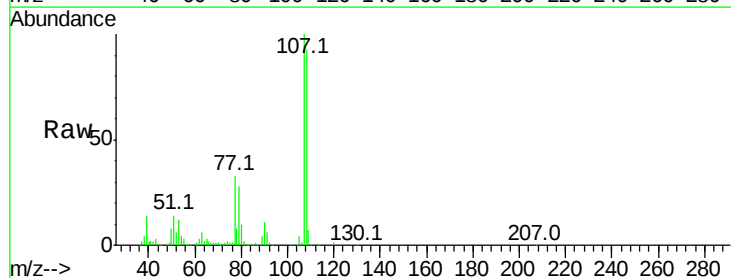
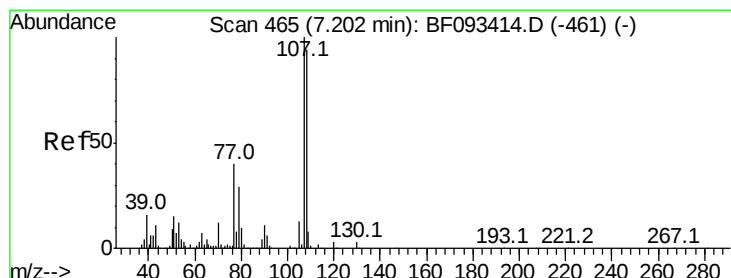
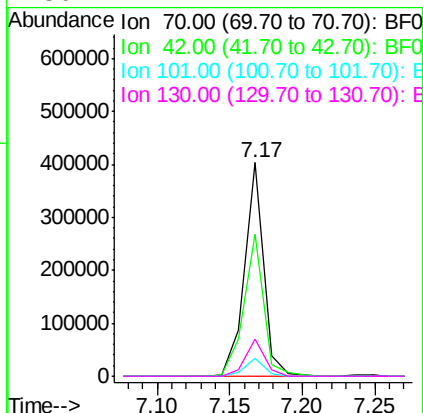




#19
n-Nitroso-di-n-propylamine
Concen: 41.15 ng
RT: 7.17 min Scan# 462
Delta R.T. -0.02 min
Lab File: BF093545.D
Acq: 11 Mar 2017 2:10

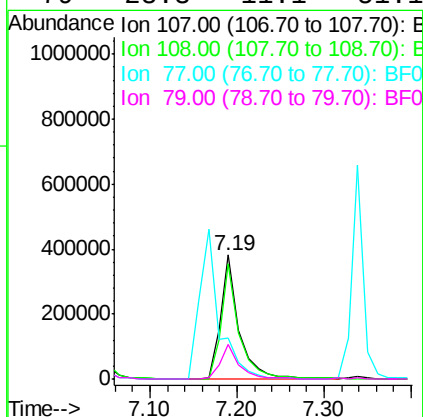
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

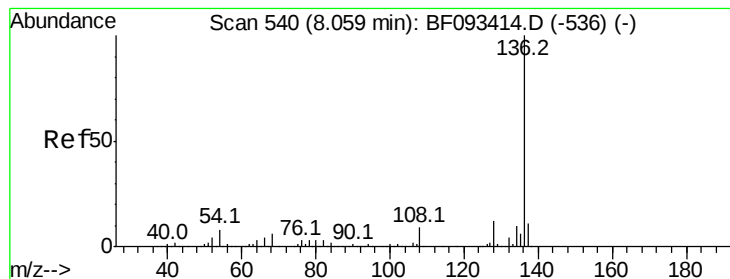
Tot Ion	Ratio	Lower	Upper
70	100		
42	66.3	49.4	74.0
101	8.4	7.4	11.2
130	17.4	14.2	21.4



#20
3+4-Methylphenols
Concen: 43.60 ng
RT: 7.19 min Scan# 464
Delta R.T. -0.01 min
Lab File: BF093545.D
Acq: 11 Mar 2017 2:10

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.0	73.0	113.0
77	33.0	71.3	111.3#
79	28.3	11.1	51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.02 min Scan# 537

Delta R.T. -0.03 min

Lab File: BF093545.D

Acq: 11 Mar 2017 2:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 676100

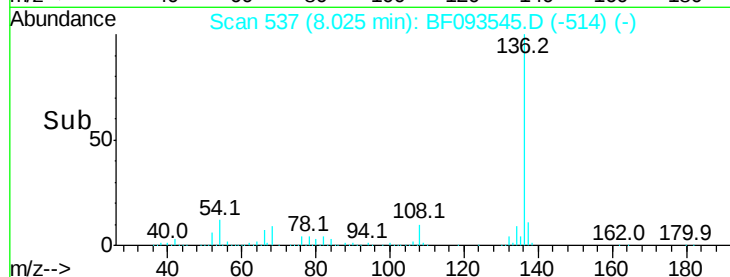
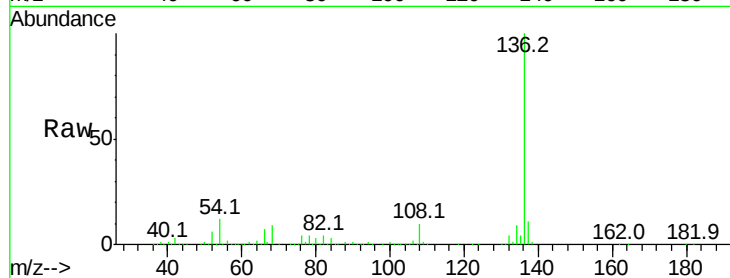
Ion Ratio Lower Upper

136 100

137 11.2 8.4 12.6

54 12.4 4.5 6.7#

68 8.9 3.6 5.4#

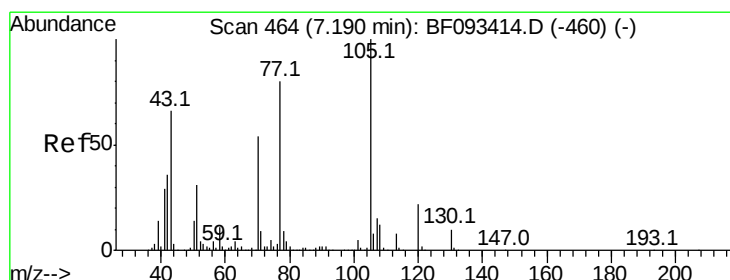
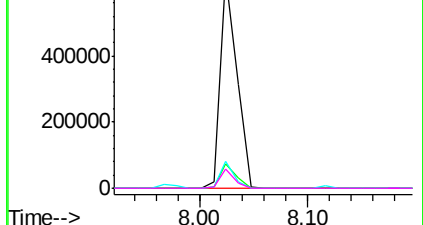


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 41.66 ng

RT: 7.17 min Scan# 462

Delta R.T. -0.02 min

Lab File: BF093545.D

Acq: 11 Mar 2017 2:10

Tgt Ion:105 Resp: 677760

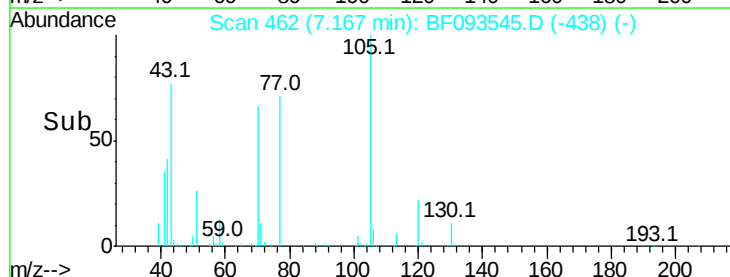
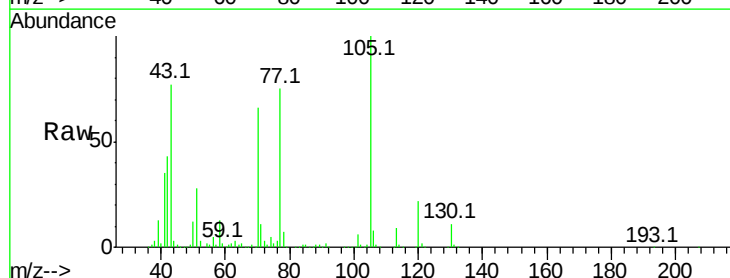
Ion Ratio Lower Upper

105 100

71 11.1 3.2 4.8#

51 28.1 26.2 39.4

120 21.9 16.6 24.8

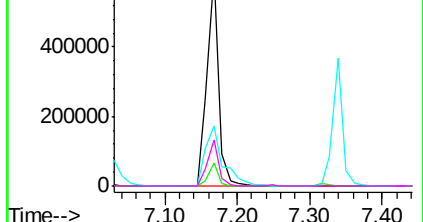


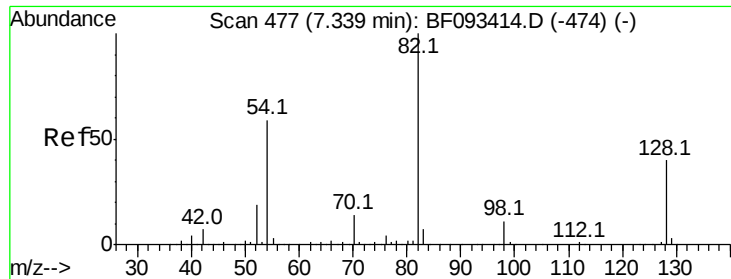
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

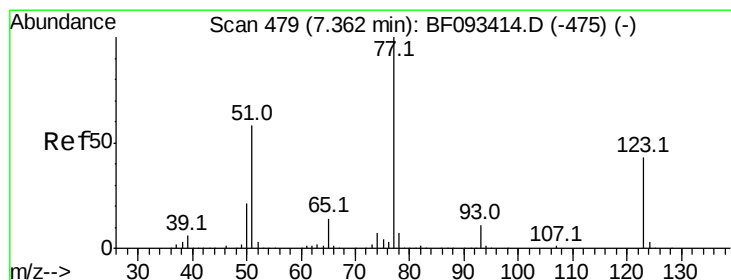
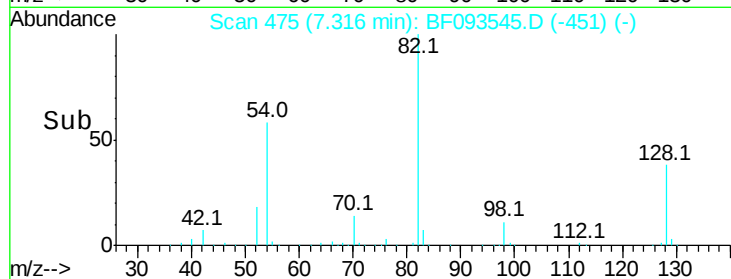
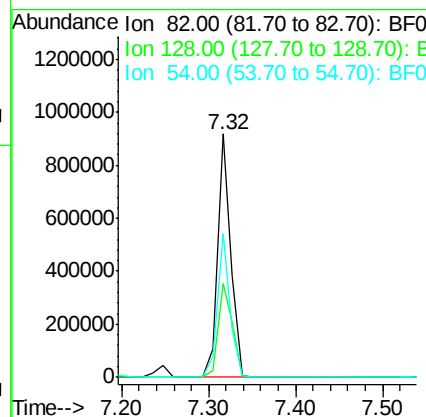
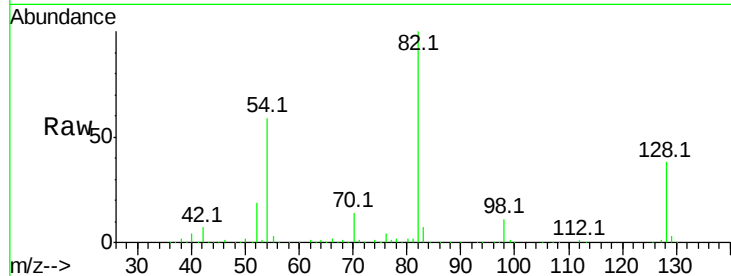




#23
 Nitrobenzene-d5
 Concen: 80.46 ng
 RT: 7.32 min Scan# 475
 Delta R.T. -0.02 min
 Lab File: BF093545.D
 Acq: 11 Mar 2017 2:10

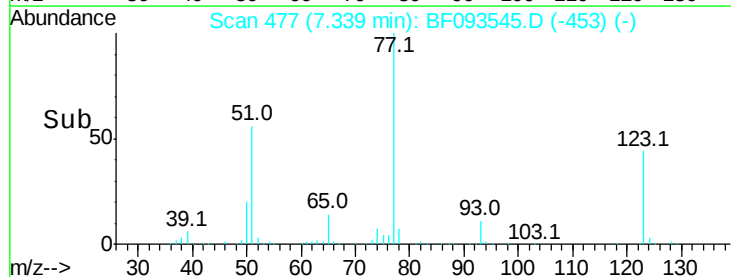
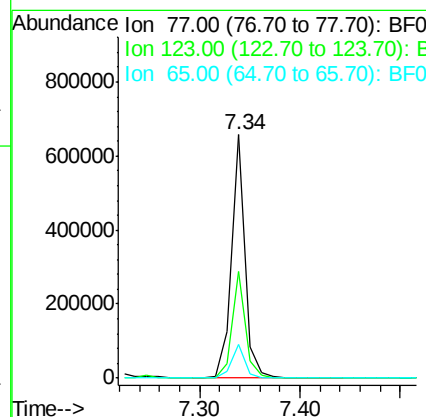
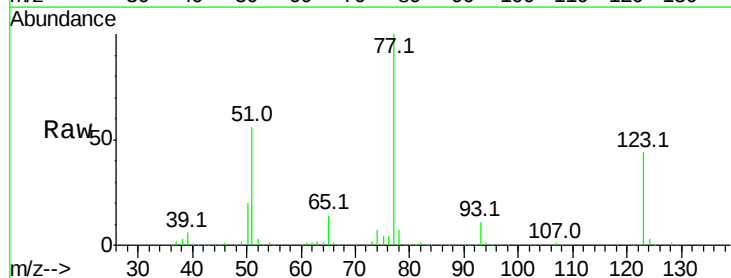
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

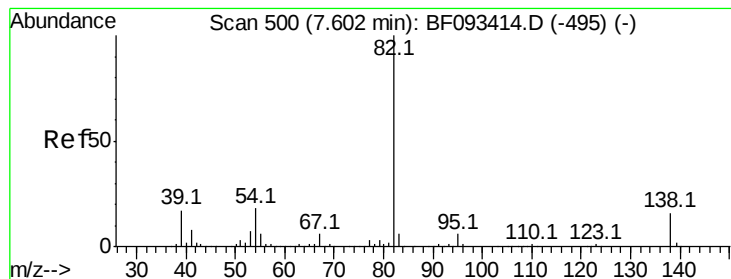
Tot Ion	82	Resp	980493
Ion Ratio	100	Lower	Upper
128	38.4	34.6	52.0
54	59.1	39.5	59.3



#24
 Nitrobenzene
 Concen: 44.77 ng
 RT: 7.34 min Scan# 477
 Delta R.T. -0.02 min
 Lab File: BF093545.D
 Acq: 11 Mar 2017 2:10

Tgt Ion	77	Resp	613169
Ion Ratio	100	Lower	Upper
123	43.6	33.0	49.4
65	13.7	11.2	16.8





#25

Isophorone

Concen: 41.36 ng

RT: 7.58 min Scan# 498

Delta R.T. -0.02 min

Lab File: BF093545.D

Acq: 11 Mar 2017 2:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

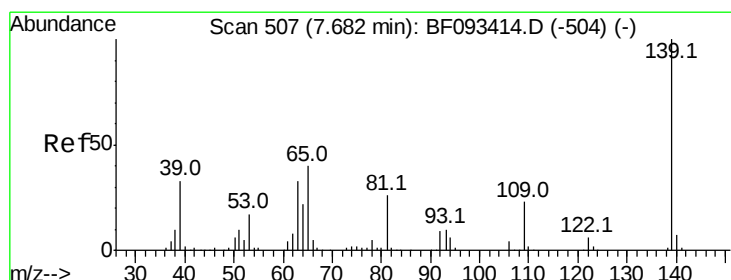
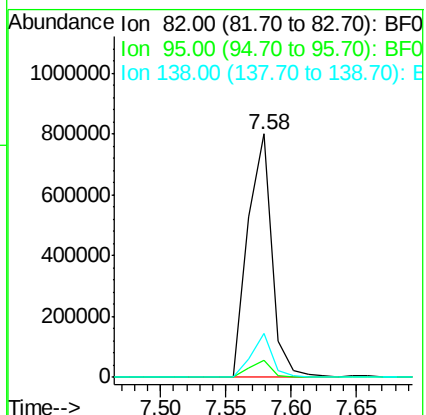
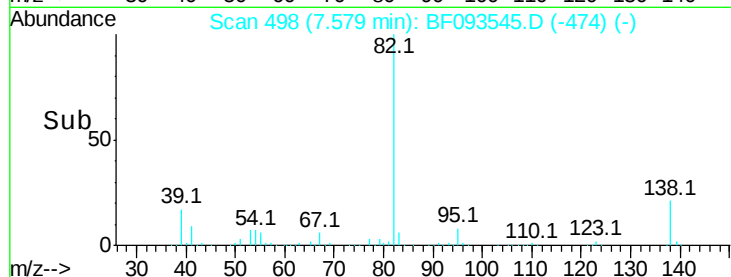
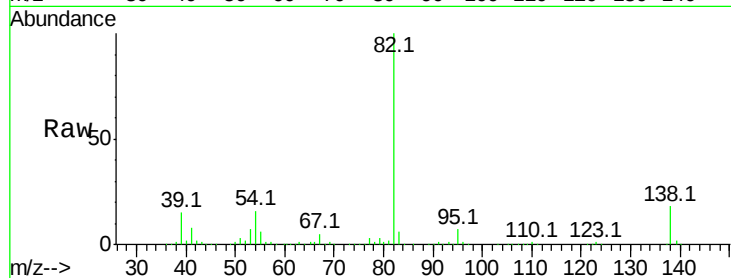
Tot Ion: 82 Resp: 1016383

Ion Ratio Lower Upper

82 100

95 6.8 5.6 8.4

138 18.0 14.6 22.0



#26

2-Nitrophenol

Concen: 39.89 ng

RT: 7.66 min Scan# 505

Delta R.T. -0.02 min

Lab File: BF093545.D

Acq: 11 Mar 2017 2:10

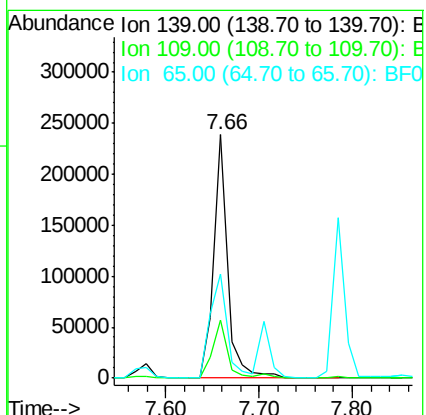
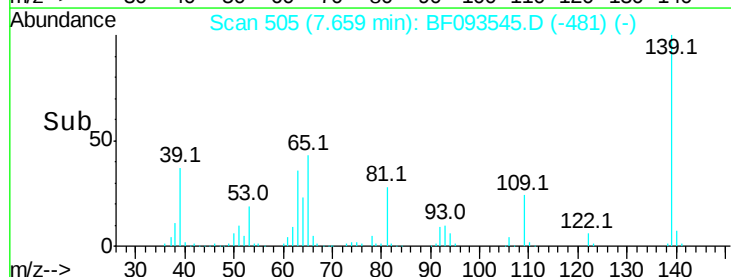
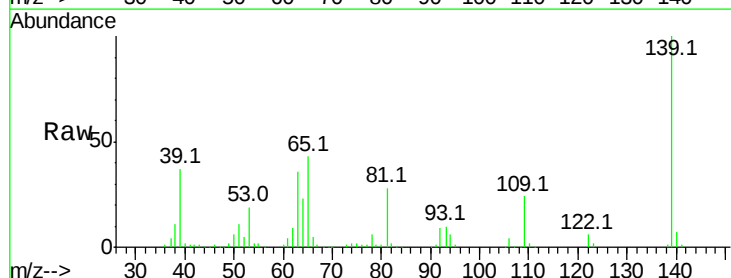
Tgt Ion: 139 Resp: 249258

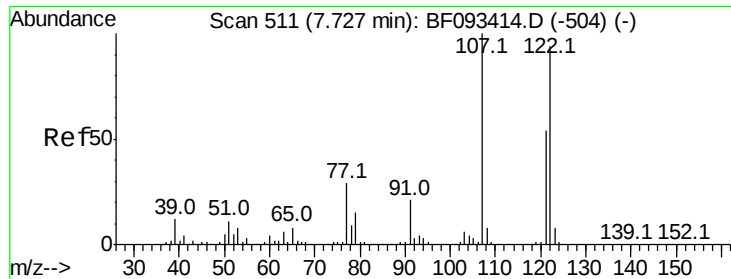
Ion Ratio Lower Upper

139 100

109 24.0 23.3 34.9

65 42.9 42.7 64.1

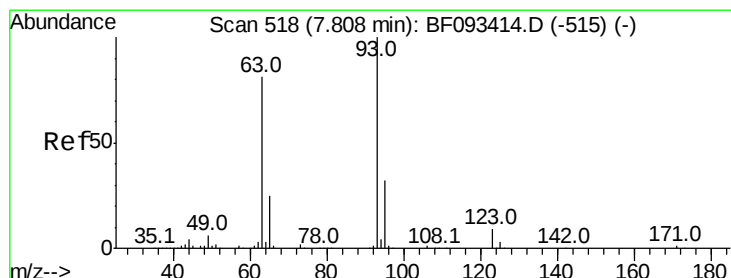
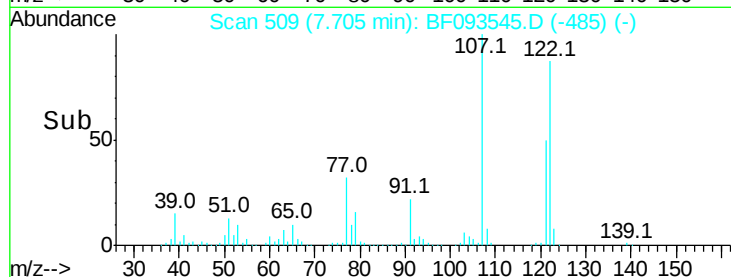
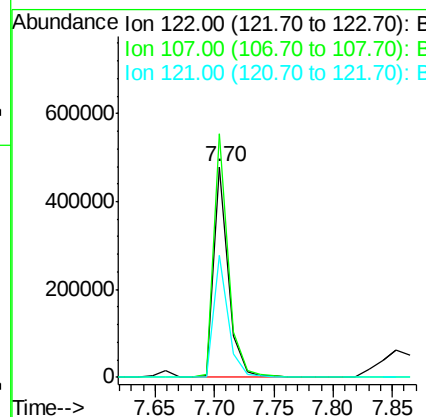
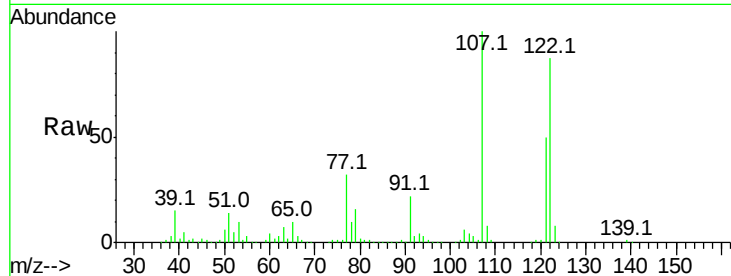




#27
 2,4-Dimethylphenol
 Concen: 40.39 ng
 RT: 7.70 min Scan# 509
 Delta R.T. -0.02 min
 Lab File: BF093545.D
 Acq: 11 Mar 2017 2:10

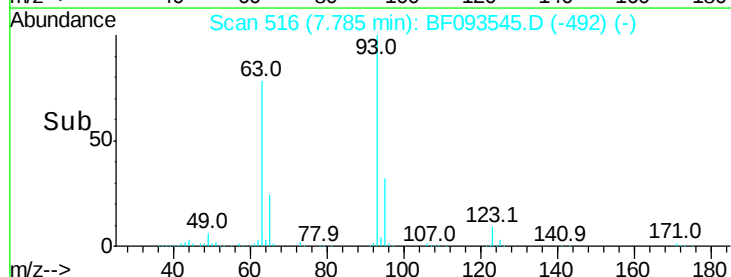
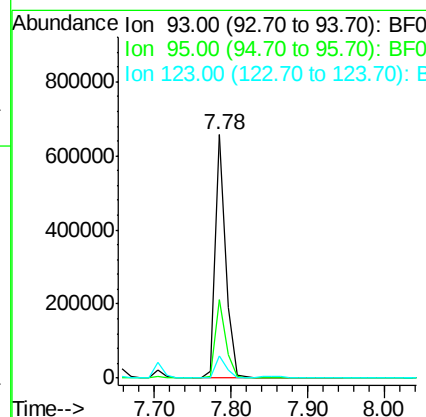
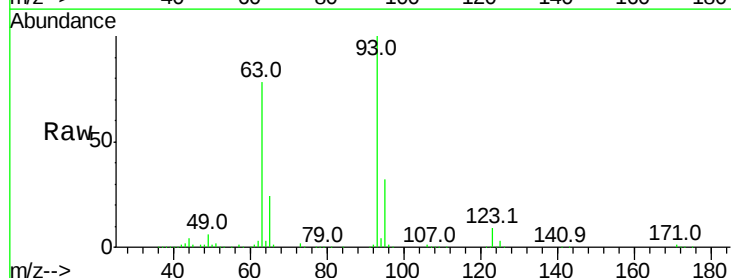
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

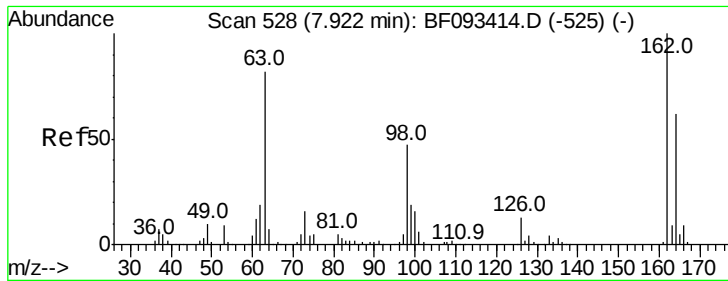
Tot Ion:122 Resp: 410528
 Ion Ratio Lower Upper
 122 100
 107 115.5 94.1 141.1
 121 57.7 46.0 69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.21 ng
 RT: 7.78 min Scan# 516
 Delta R.T. -0.02 min
 Lab File: BF093545.D
 Acq: 11 Mar 2017 2:10

Tgt Ion: 93 Resp: 608306
 Ion Ratio Lower Upper
 93 100
 95 32.2 26.5 39.7
 123 9.2 8.6 13.0

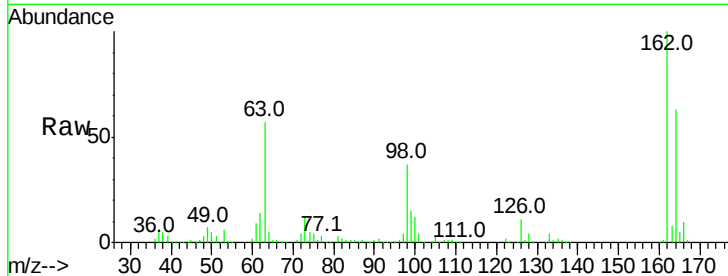




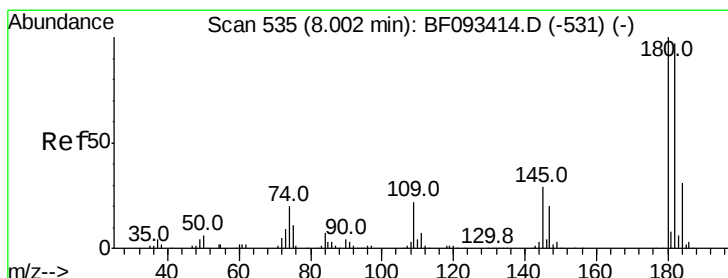
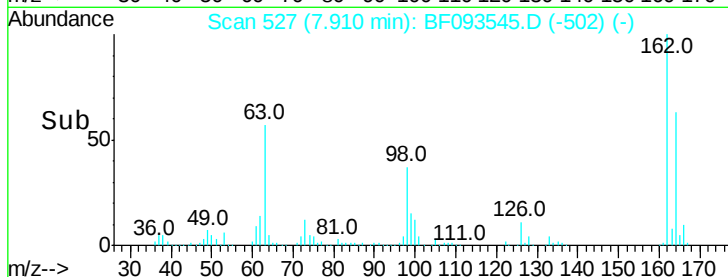
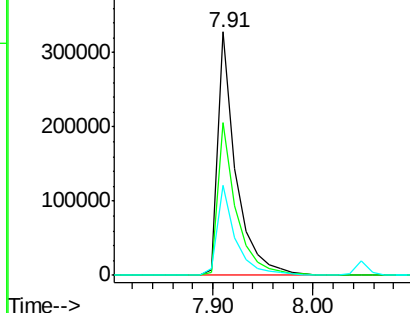
#29
 2,4-Dichlorophenol
 Concen: 42.88 ng
 RT: 7.91 min Scan# 527
 Delta R.T. -0.01 min
 Lab File: BF093545.D
 Acq: 11 Mar 2017 2:10

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:162 Resp: 410051
 Ion Ratio Lower Upper
 162 100
 164 62.8 46.8 86.8
 98 36.7 9.1 49.1

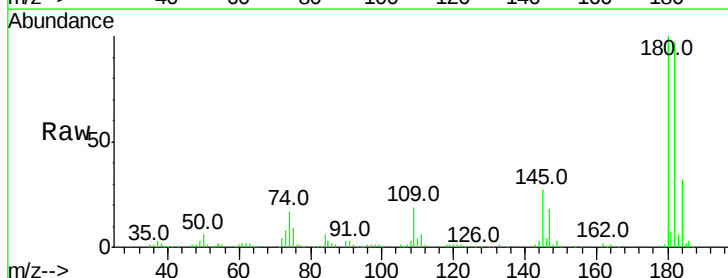


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

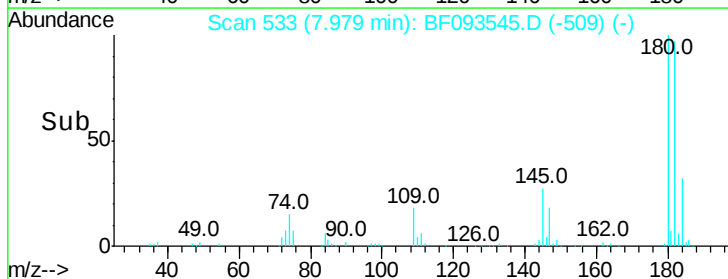
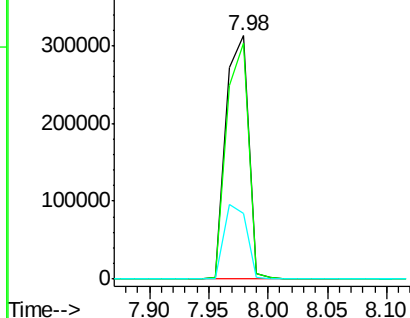


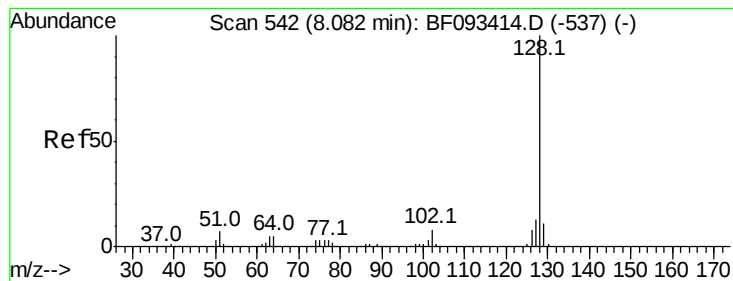
#30
 1,2,4-Trichlorobenzene
 Concen: 40.29 ng
 RT: 7.98 min Scan# 533
 Delta R.T. -0.02 min
 Lab File: BF093545.D
 Acq: 11 Mar 2017 2:10

Tgt Ion:180 Resp: 409688
 Ion Ratio Lower Upper
 180 100
 182 96.8 78.2 117.4
 145 26.8 21.6 32.4



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





#31

Naphthalene

Concen: 38.83 ng

RT: 8.05 min Scan# 539

Delta R.T. -0.03 min

Lab File: BF093545.D

Acq: 11 Mar 2017 2:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

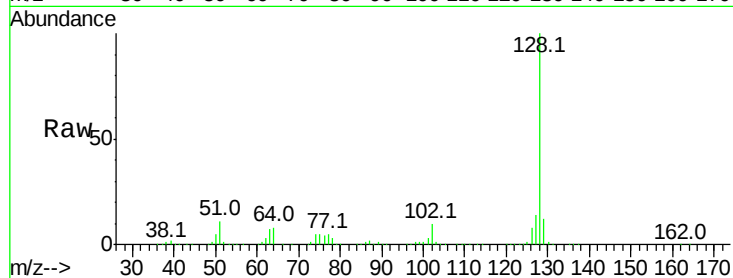
Tot Ion:128 Resp: 1315673

Ion Ratio Lower Upper

128 100

129 11.6 9.5 14.3

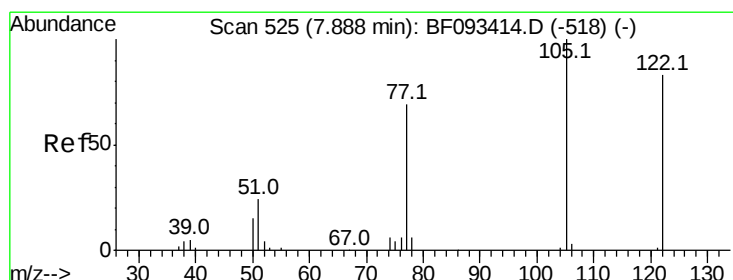
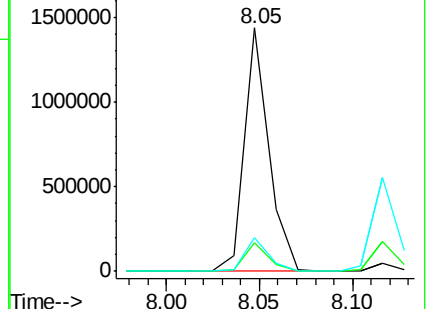
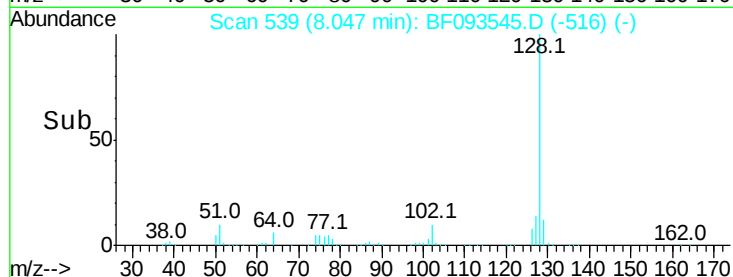
127 13.7 10.8 16.2



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: 30.78 ng

RT: 7.85 min Scan# 522

Delta R.T. -0.03 min

Lab File: BF093545.D

Acq: 11 Mar 2017 2:10

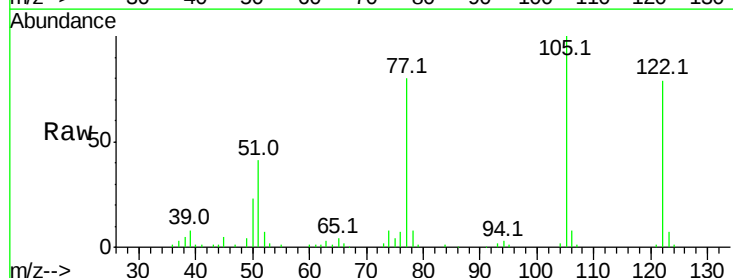
Tgt Ion:122 Resp: 162587

Ion Ratio Lower Upper

122 100

105 126.3 107.2 147.2

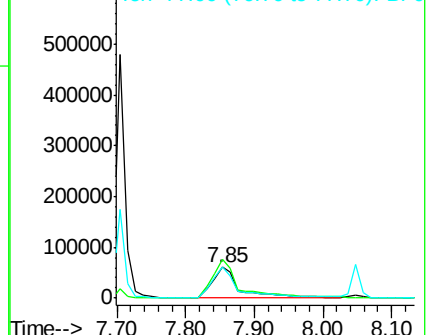
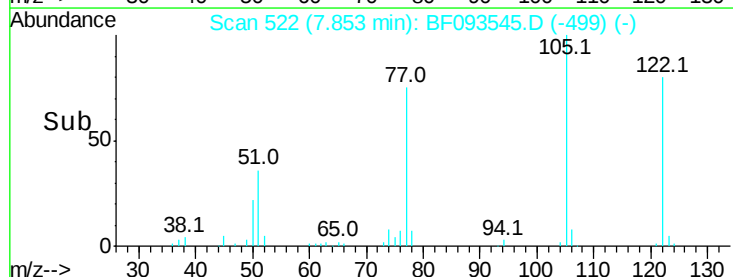
77 101.4 74.5 114.5

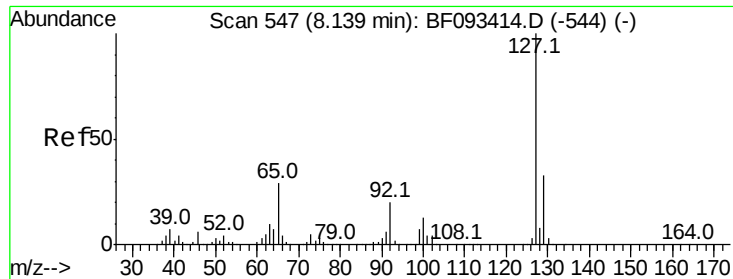


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

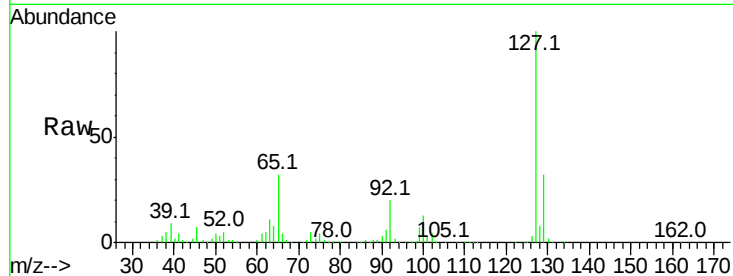




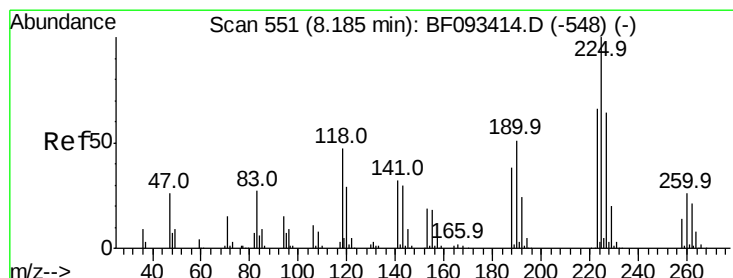
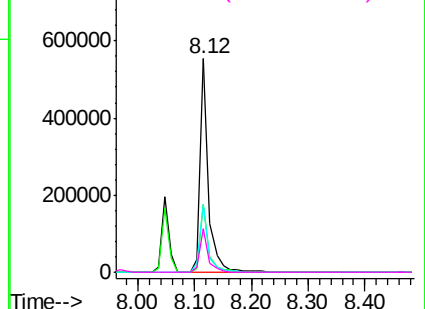
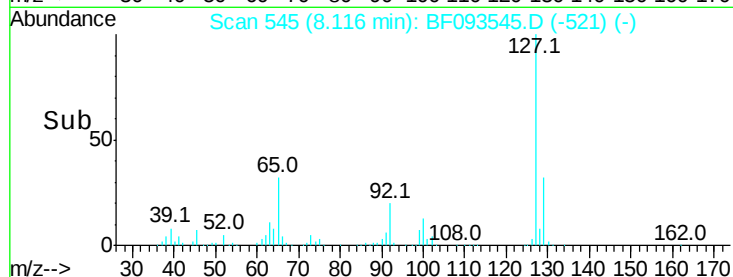
#33
4-Chloroaniline
Concen: 39.91 ng
RT: 8.12 min Scan# 545
Delta R.T. -0.02 min
Lab File: BF093545.D
Acq: 11 Mar 2017 2:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	127	Resp:	548761
Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.3	39.5
65	31.9	25.8	38.8
92	20.2	16.1	24.1

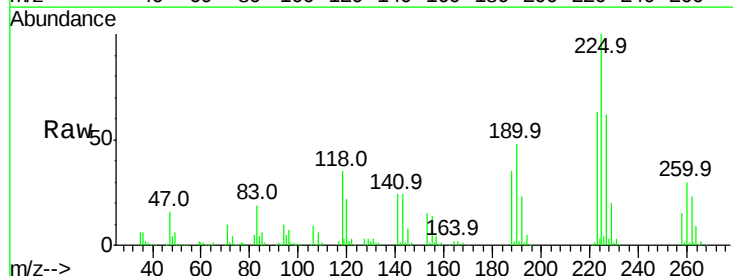


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

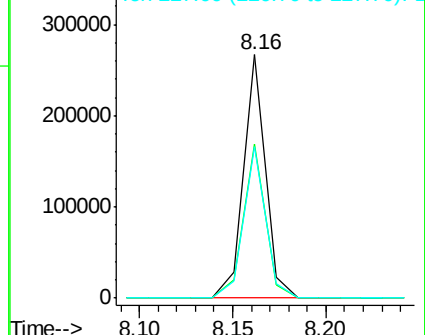
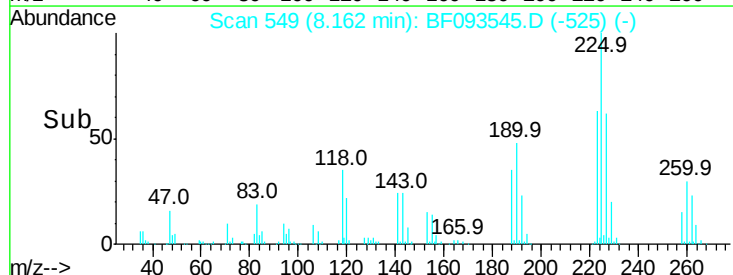


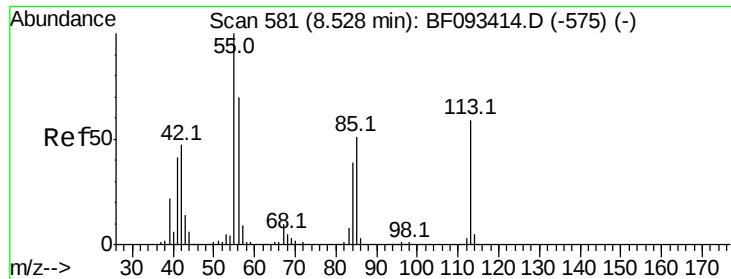
#34
Hexachlorobutadiene
Concen: 41.94 ng
RT: 8.16 min Scan# 549
Delta R.T. -0.02 min
Lab File: BF093545.D
Acq: 11 Mar 2017 2:10

Tgt Ion:	225	Resp:	219710
Ion	Ratio	Lower	Upper
225	100		
223	63.3	51.0	76.6
227	62.2	50.6	76.0



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





#35

Caprolactam

Concen: 41.77 ng

RT: 8.49 min Scan# 578

Delta R.T. -0.03 min

Lab File: BF093545.D

Acq: 11 Mar 2017 2:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

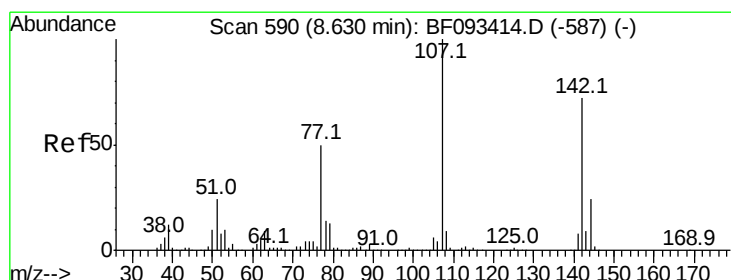
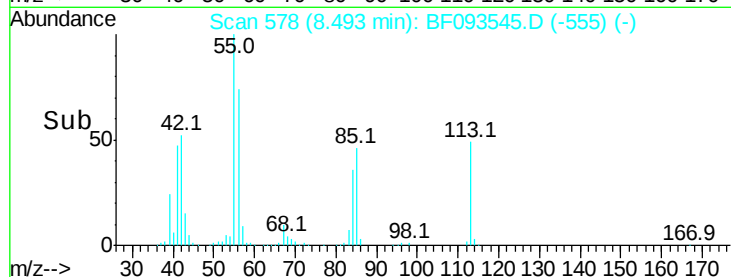
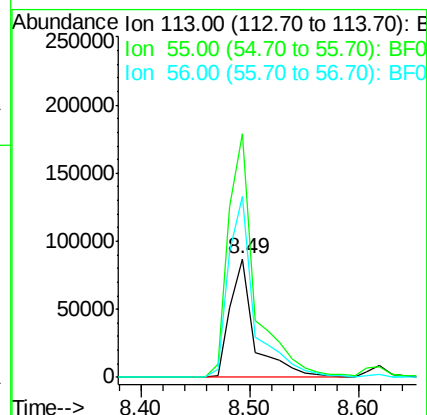
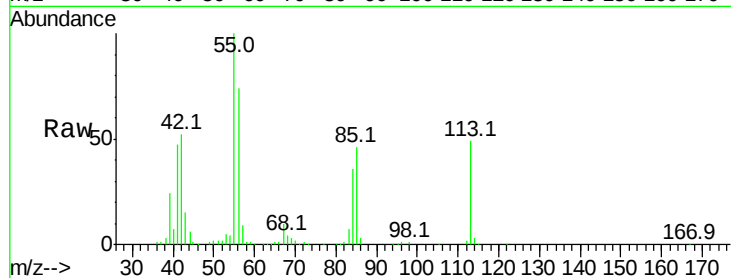
Tot Ion:113 Resp: 136419

Ion Ratio Lower Upper

113 100

55 205.7 119.2 159.2#

56 153.1 83.8 123.8#



#36

4-Chloro-3-methylphenol

Concen: 39.21 ng

RT: 8.62 min Scan# 589

Delta R.T. -0.01 min

Lab File: BF093545.D

Acq: 11 Mar 2017 2:10

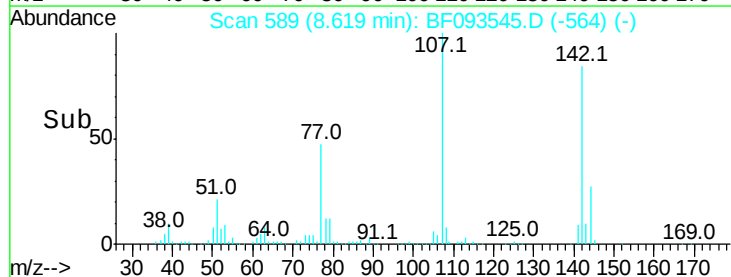
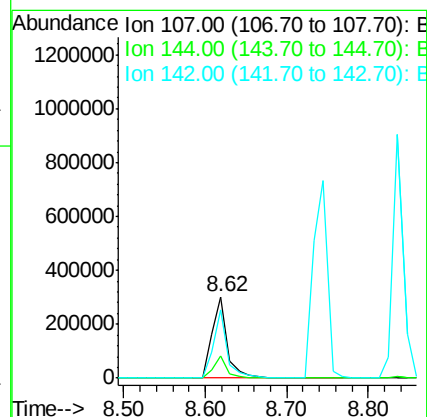
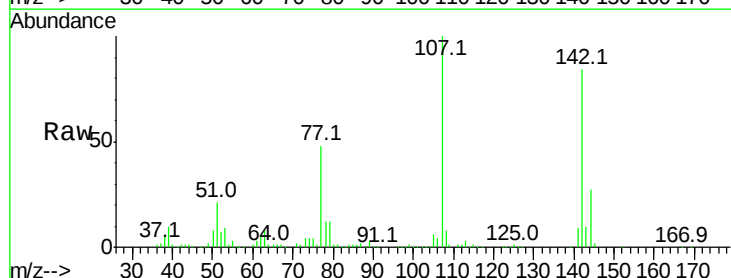
Tgt Ion:107 Resp: 400160

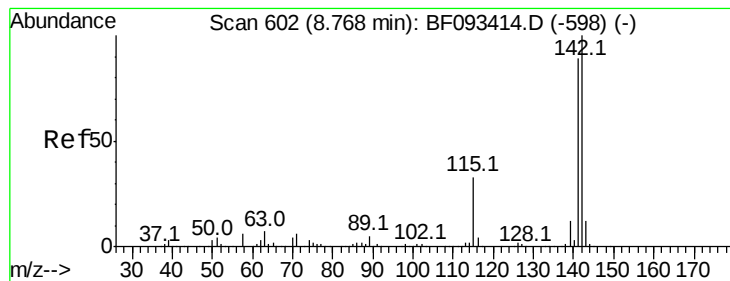
Ion Ratio Lower Upper

107 100

144 26.7 19.3 28.9

142 83.8 59.0 88.6





#37

2-Methylnaphthalene

Concen: 40.51 ng

RT: 8.74 min Scan# 600

Delta R.T. -0.02 min

Lab File: BF093545.D

Acq: 11 Mar 2017 2:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

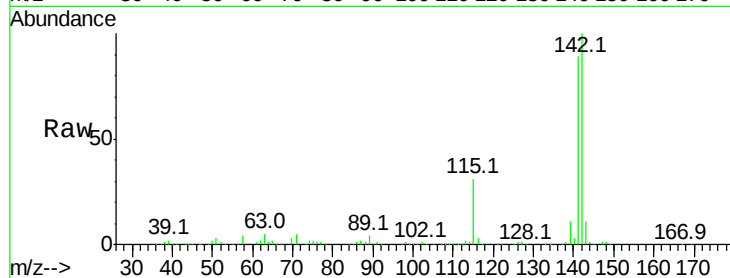
Tot Ion:142 Resp: 873324

Ion Ratio Lower Upper

142 100

141 88.8 71.0 106.6

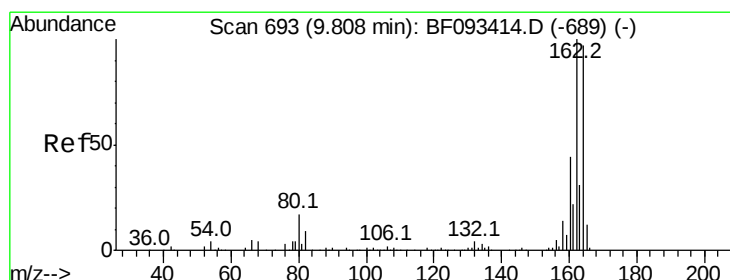
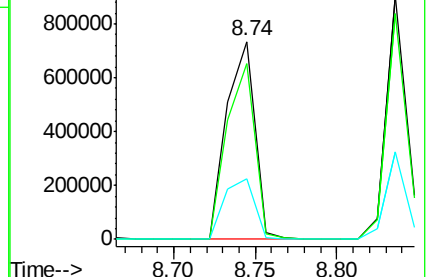
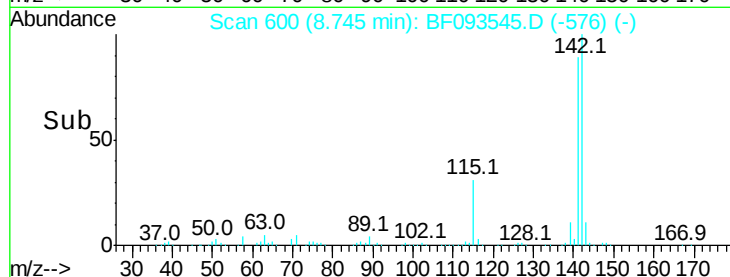
115 30.6 28.3 42.5



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: 9.77 min Scan# 690

Delta R.T. -0.03 min

Lab File: BF093545.D

Acq: 11 Mar 2017 2:10

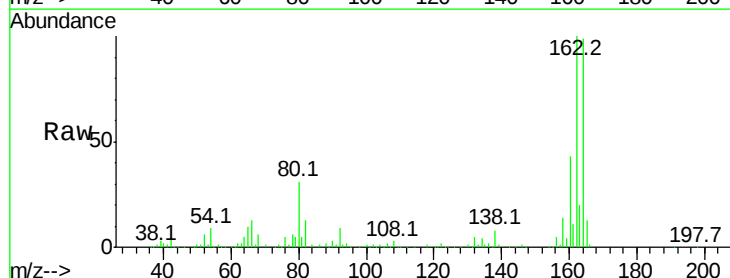
Tgt Ion:164 Resp: 332247

Ion Ratio Lower Upper

164 100

162 101.5 80.2 120.2

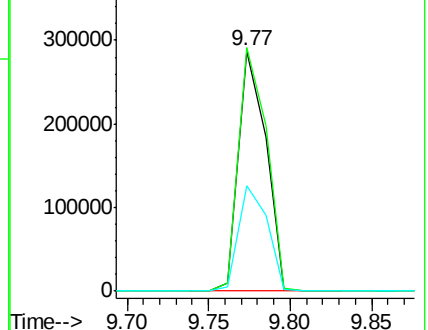
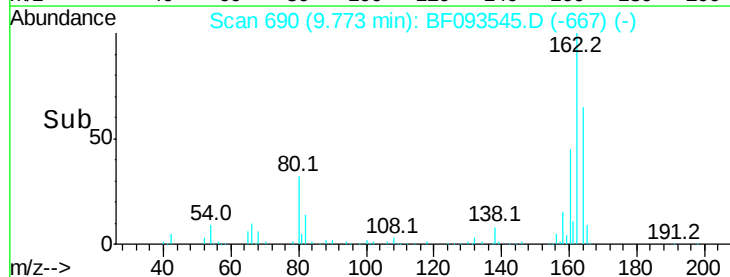
160 43.8 36.9 55.3

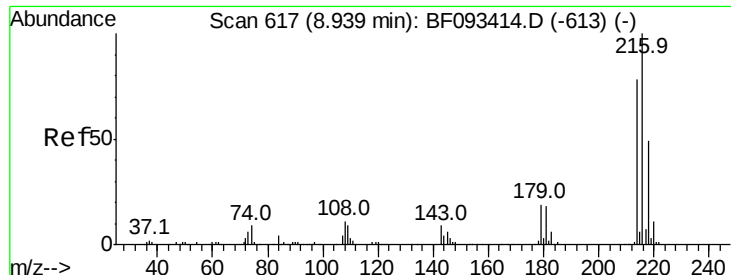


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

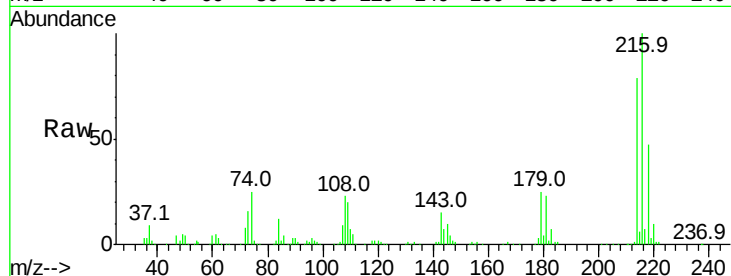




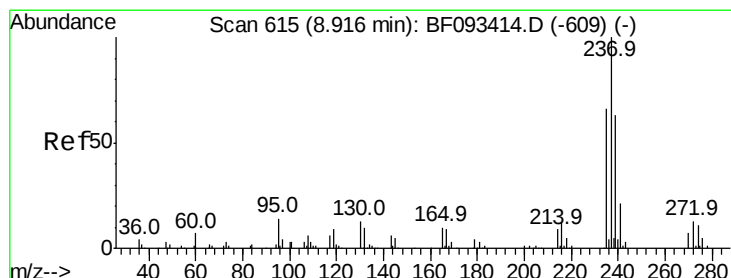
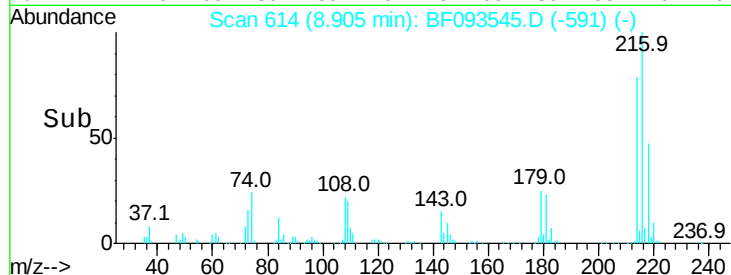
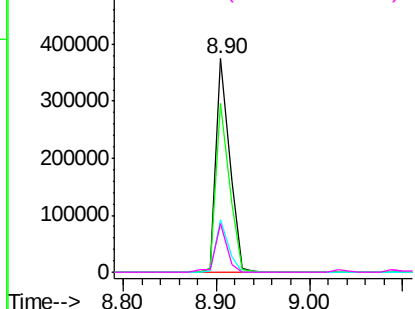
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.74 ng
 RT: 8.90 min Scan# 614
 Delta R.T. -0.03 min
 Lab File: BF093545.D
 Acq: 11 Mar 2017 2:10

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:216 Resp: 378671
 Ion Ratio Lower Upper
 216 100
 214 78.4 63.4 95.0
 179 22.4 17.4 26.2
 108 20.2 15.6 23.4

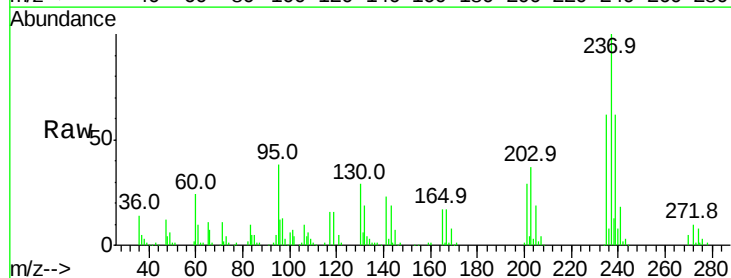


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

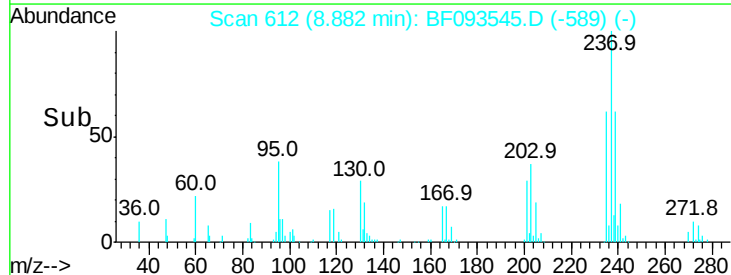
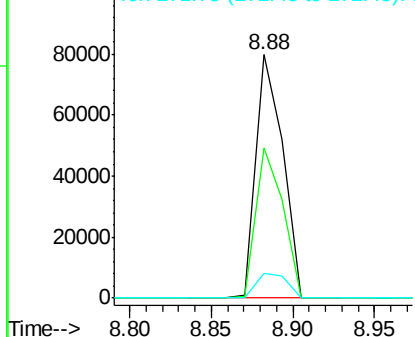


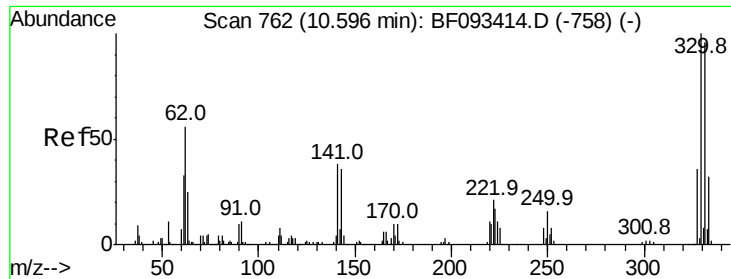
#40
 Hexachlorocyclopentadiene
 Concen: 46.08 ng
 RT: 8.88 min Scan# 612
 Delta R.T. -0.03 min
 Lab File: BF093545.D
 Acq: 11 Mar 2017 2:10

Tgt Ion:237 Resp: 91683
 Ion Ratio Lower Upper
 237 100
 235 61.9 41.2 81.2
 272 9.9 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

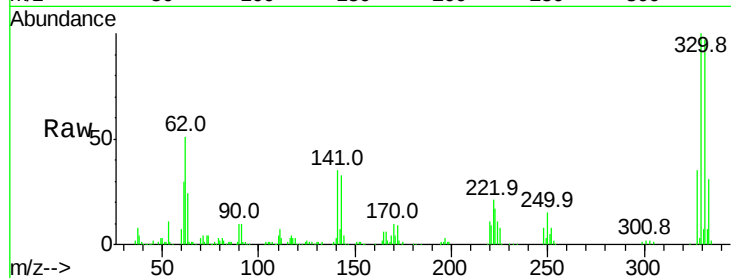




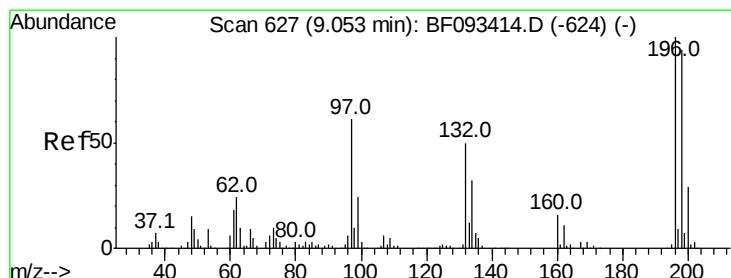
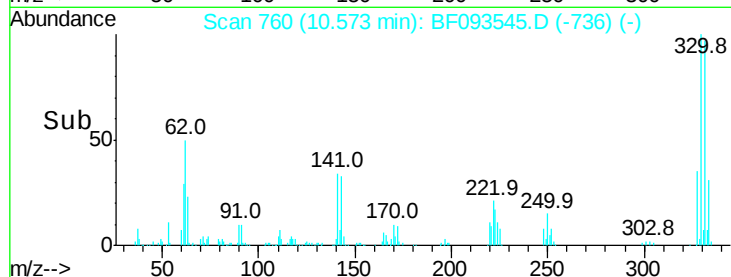
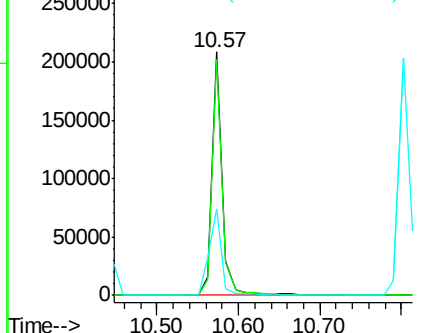
#41
 2,4,6-Tribromophenol
 Concen: 85.23 ng
 RT: 10.57 min Scan# 760
 Delta R.T. -0.02 min
 Lab File: BF093545.D
 Acq: 11 Mar 2017 2:10

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:330 Resp: 184486
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.4 116.2
 141 43.7 34.1 51.1

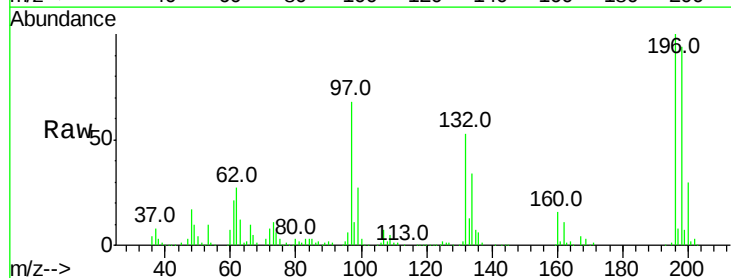


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

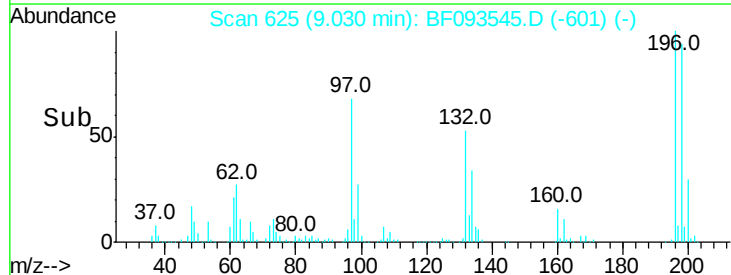
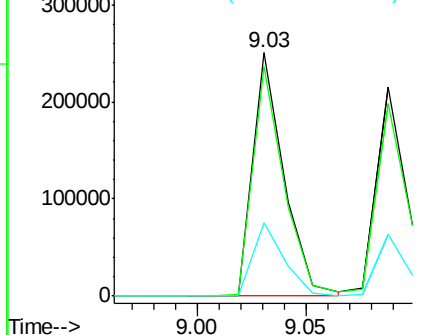


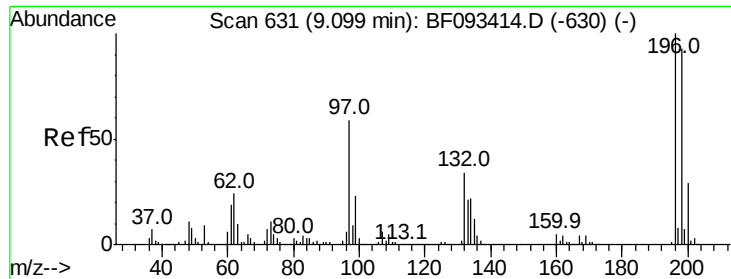
#42
 2,4,6-Trichlorophenol
 Concen: 44.04 ng
 RT: 9.03 min Scan# 625
 Delta R.T. -0.02 min
 Lab File: BF093545.D
 Acq: 11 Mar 2017 2:10

Tgt Ion:196 Resp: 249612
 Ion Ratio Lower Upper
 196 100
 198 94.4 82.1 123.1
 200 29.9 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

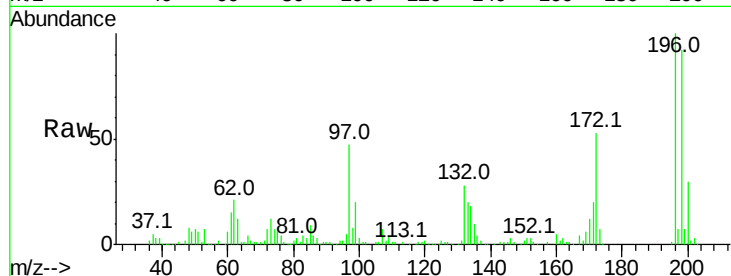




#43
 2,4,5-Trichlorophenol
 Concen: 41.64 ng
 RT: 9.09 min Scan# 630
 Delta R.T. -0.01 min
 Lab File: BF093545.D
 Acq: 11 Mar 2017 2:10

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
196	100		
198	91.8	79.4	119.2
97	46.8	51.5	77.3
132	28.4	27.4	41.2



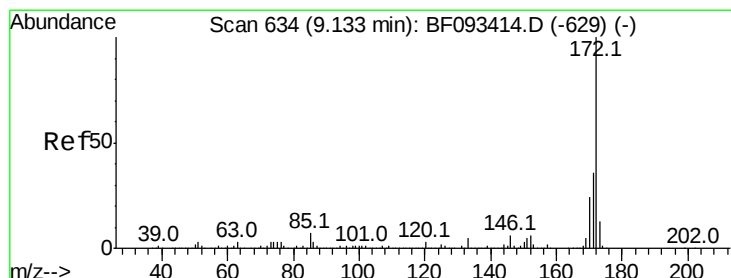
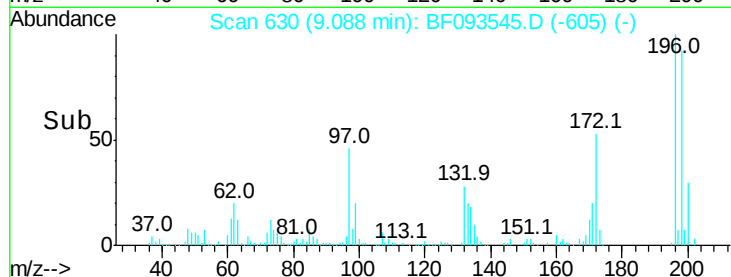
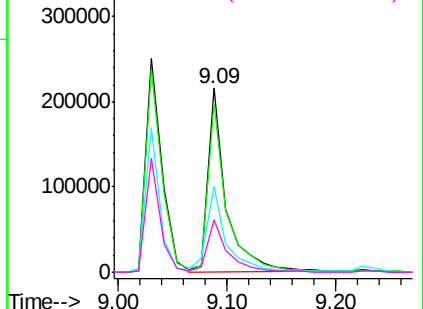
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

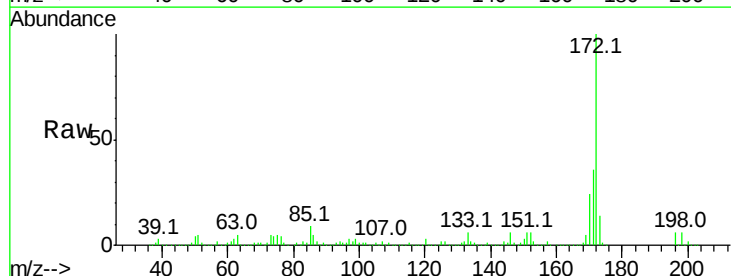
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 80.13 ng
 RT: 9.10 min Scan# 631
 Delta R.T. -0.03 min
 Lab File: BF093545.D
 Acq: 11 Mar 2017 2:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.4	44.0
170	24.5	20.2	30.4

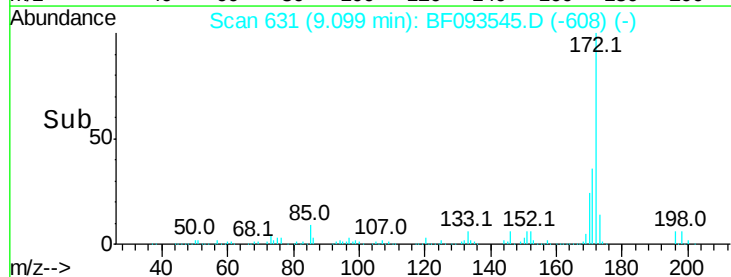
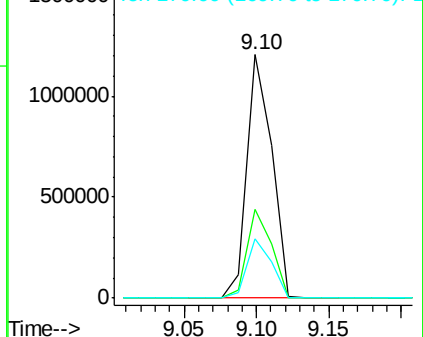


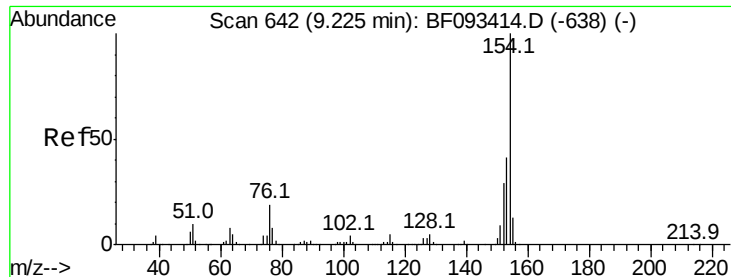
Abundance

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: 41.91 ng

RT: 9.20 min Scan# 640

Delta R.T. -0.02 min

Lab File: BF093545.D

Acq: 11 Mar 2017 2:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

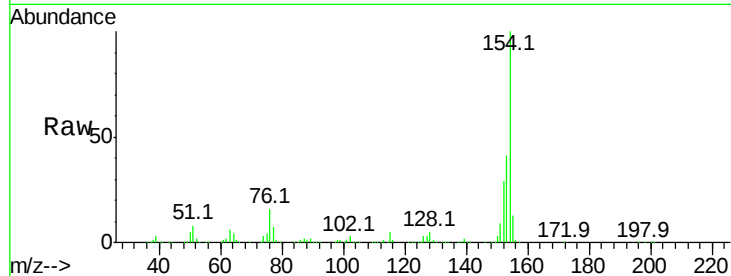
Tot Ion:154 Resp: 1014383

Ion Ratio Lower Upper

154 100

153 40.8 20.9 60.9

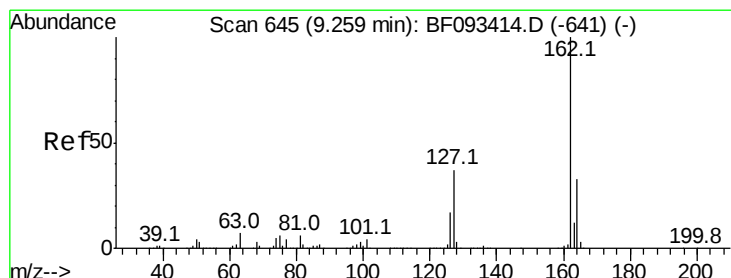
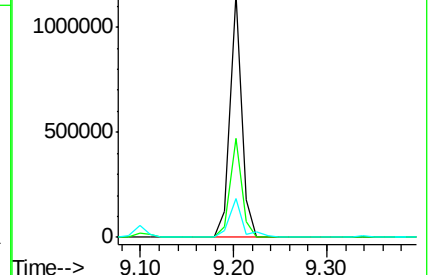
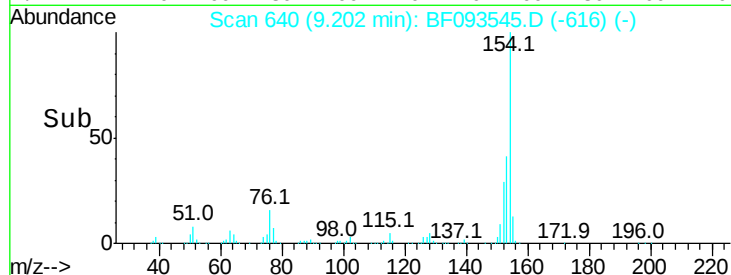
76 15.9 0.0 30.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 43.29 ng

RT: 9.22 min Scan# 642

Delta R.T. -0.03 min

Lab File: BF093545.D

Acq: 11 Mar 2017 2:10

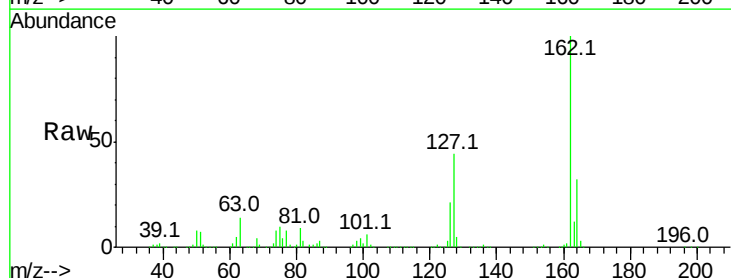
Tgt Ion:162 Resp: 801985

Ion Ratio Lower Upper

162 100

127 43.7 30.7 46.1

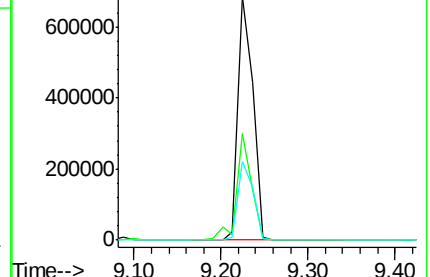
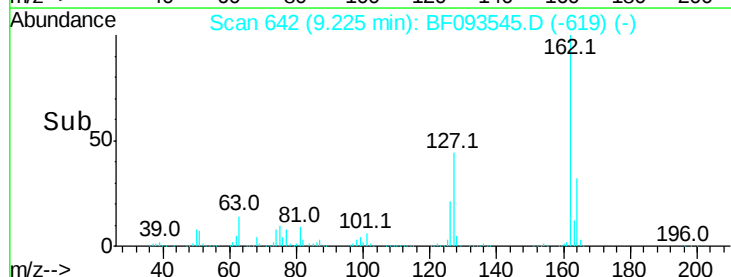
164 32.4 27.6 41.4

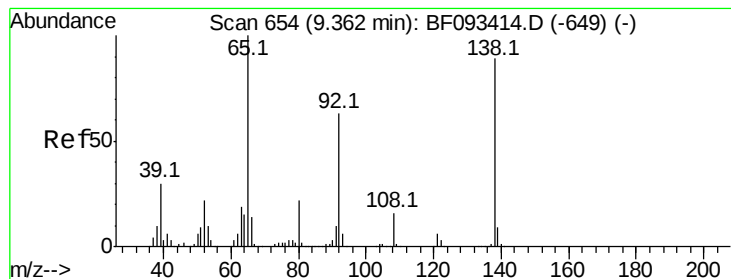


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 45.28 ng

RT: 9.34 min Scan# 652

Delta R.T. -0.02 min

Lab File: BF093545.D

Acq: 11 Mar 2017 2:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

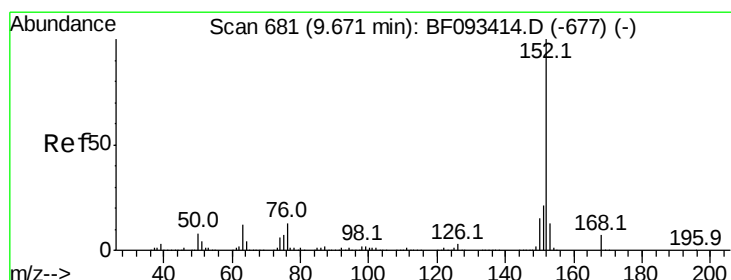
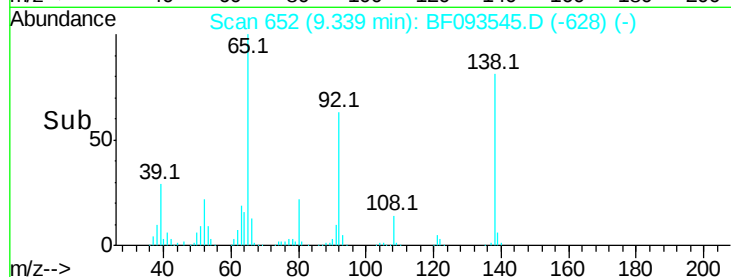
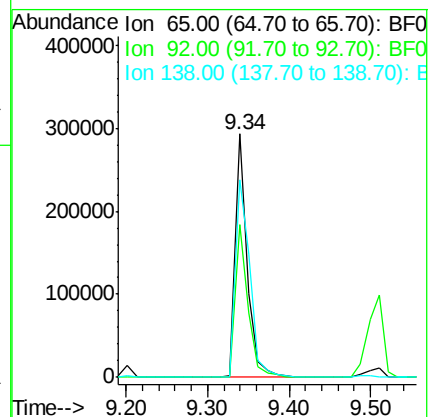
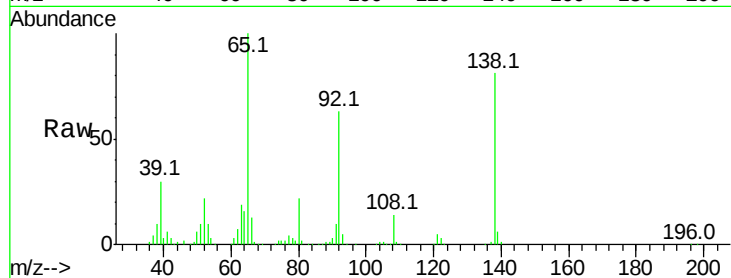
Tot Ion: 65 Resp: 296549

Ion Ratio Lower Upper

65 100

92 62.8 53.9 80.9

138 81.3 76.8 115.2



#48

Acenaphthylene

Concen: 40.90 ng

RT: 9.64 min Scan# 678

Delta R.T. -0.03 min

Lab File: BF093545.D

Acq: 11 Mar 2017 2:10

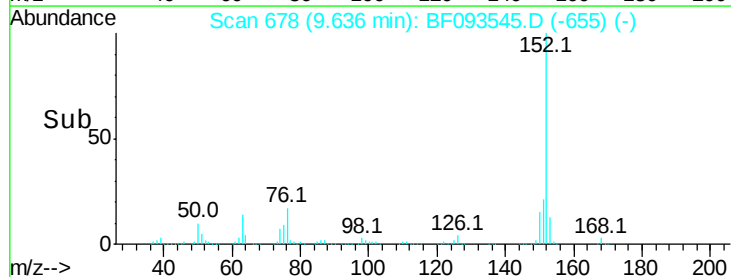
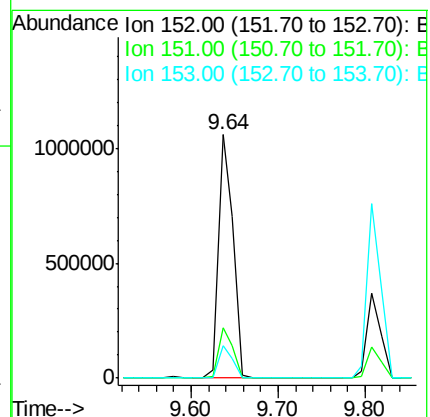
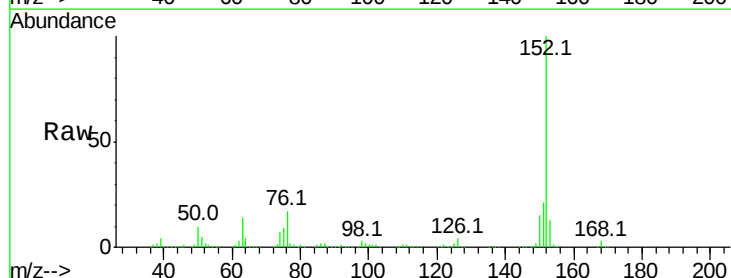
Tgt Ion: 152 Resp: 1249833

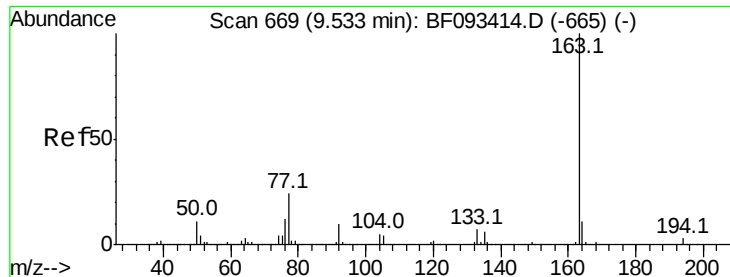
Ion Ratio Lower Upper

152 100

151 20.7 16.9 25.3

153 13.5 11.4 17.2

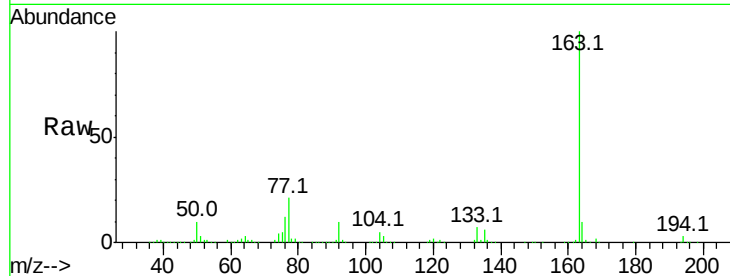




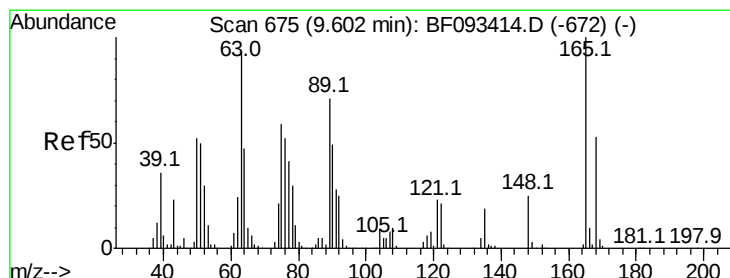
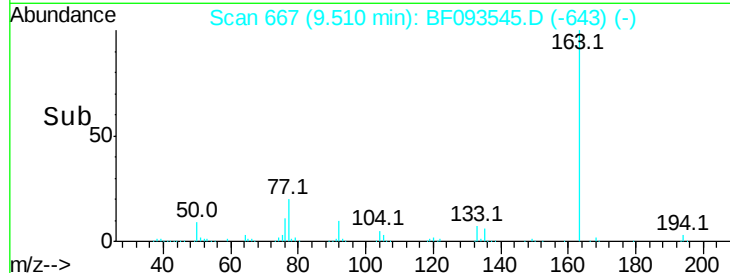
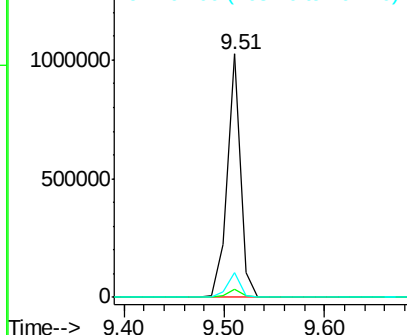
#49
Dimethylphthalate
Concen: 42.61 ng
RT: 9.51 min Scan# 667
Delta R.T. -0.02 min
Lab File: BF093545.D
Acq: 11 Mar 2017 2:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:163 Resp: 938489
Ion Ratio Lower Upper
163 100
194 3.3 3.0 4.4
164 10.3 8.0 12.0

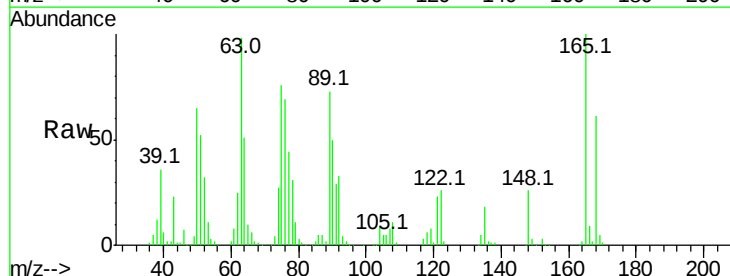


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

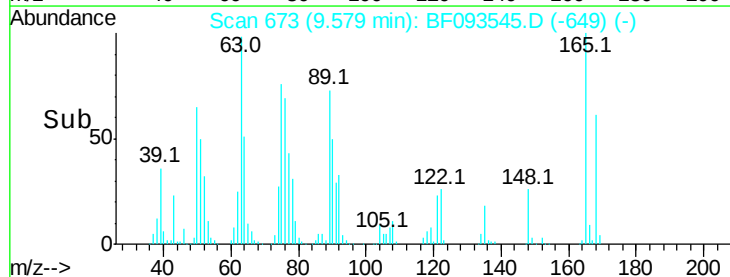
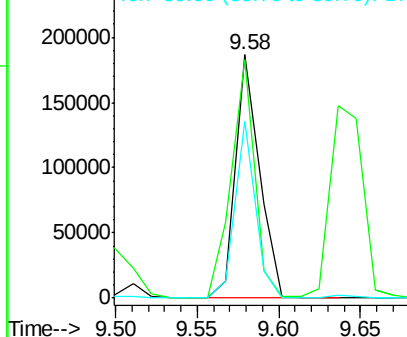


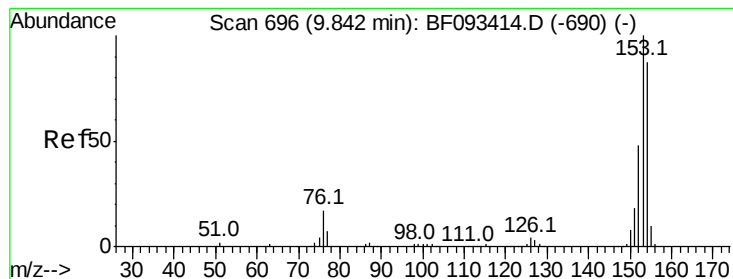
#50
2,6-Dinitrotoluene
Concen: 38.70 ng
RT: 9.58 min Scan# 673
Delta R.T. -0.02 min
Lab File: BF093545.D
Acq: 11 Mar 2017 2:10

Tgt Ion:165 Resp: 187057
Ion Ratio Lower Upper
165 100
63 98.2 36.2 54.4#
89 73.0 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: 39.60 ng

RT: 9.81 min Scan# 693

Delta R.T. -0.03 min

Lab File: BF093545.D

Acq: 11 Mar 2017 2:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

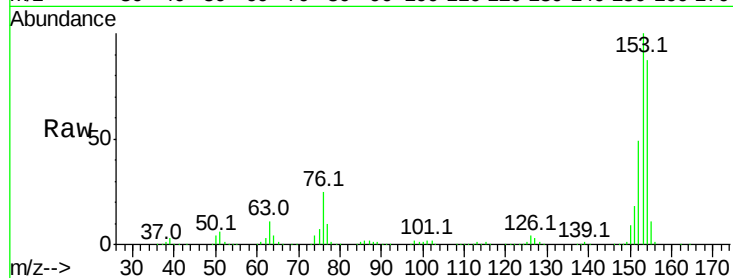
Tot Ion:154 Resp: 715466

Ion Ratio Lower Upper

154 100

153 115.3 88.6 133.0

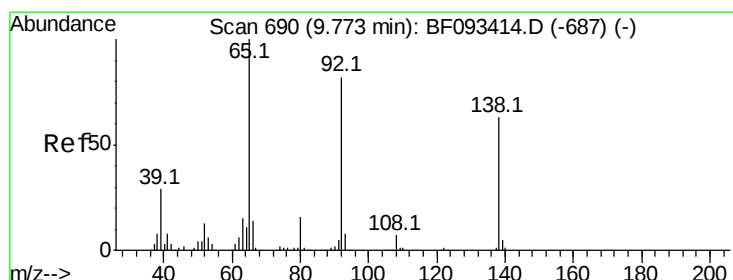
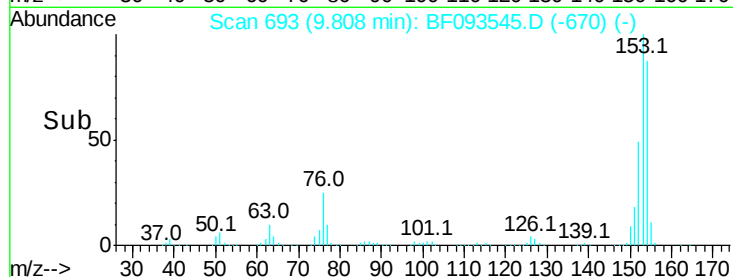
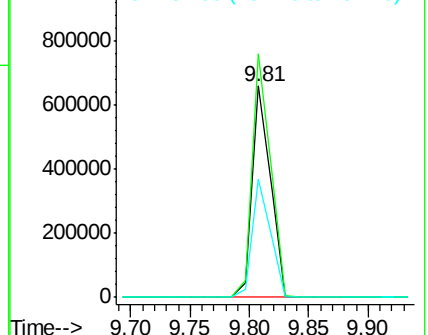
152 56.2 41.6 62.4



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: 43.75 ng

RT: 9.76 min Scan# 689

Delta R.T. -0.01 min

Lab File: BF093545.D

Acq: 11 Mar 2017 2:10

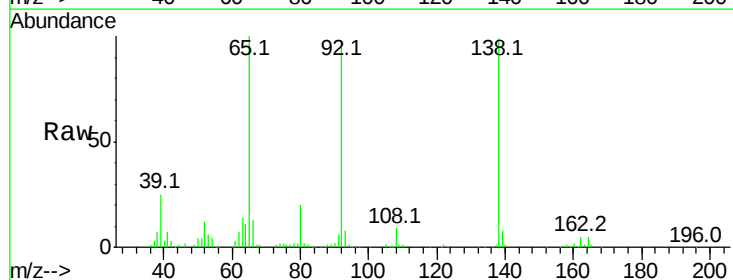
Tgt Ion:138 Resp: 254042

Ion Ratio Lower Upper

138 100

108 9.3 8.5 12.7

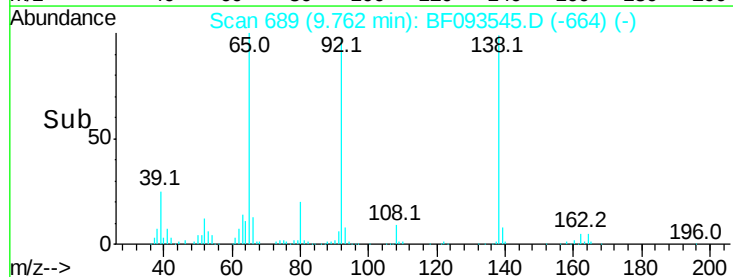
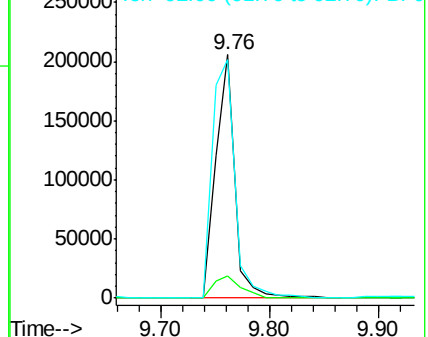
92 98.0 97.8 146.8

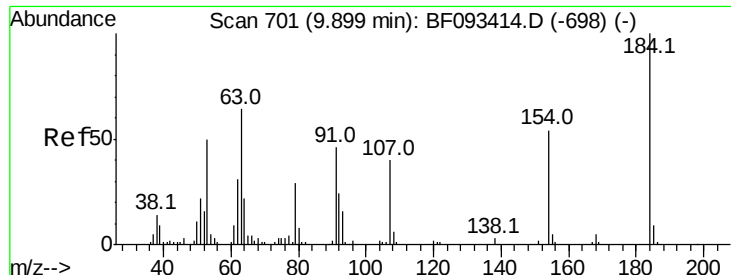


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

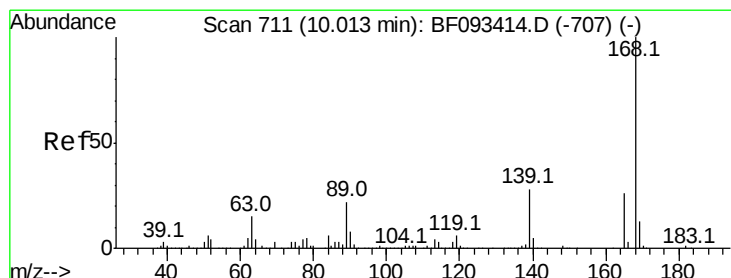
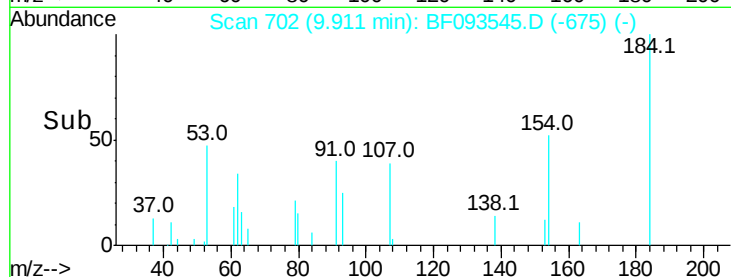
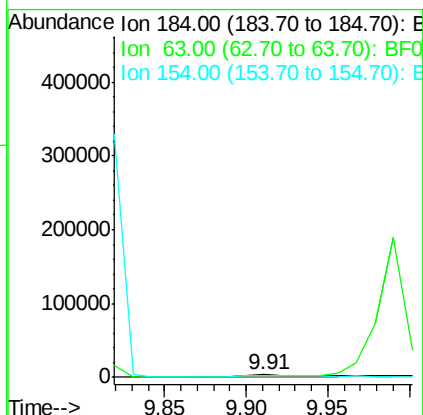
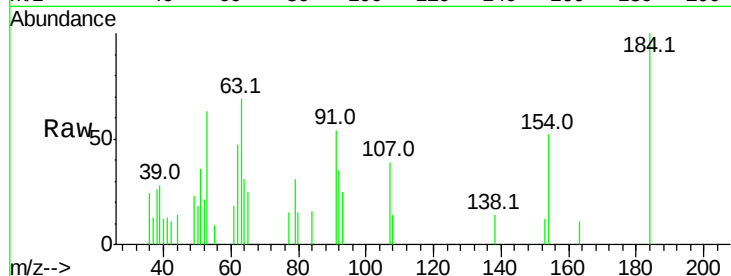




#53
2,4-Dinitrophenol
Concen: 4.74 ng
RT: 9.91 min Scan# 702
Delta R.T. 0.01 min
Lab File: BF093545.D
Acq: 11 Mar 2017 2:10

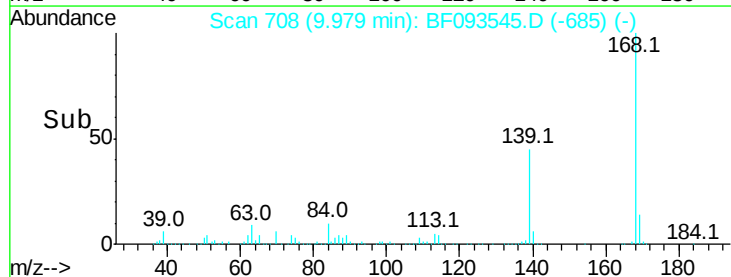
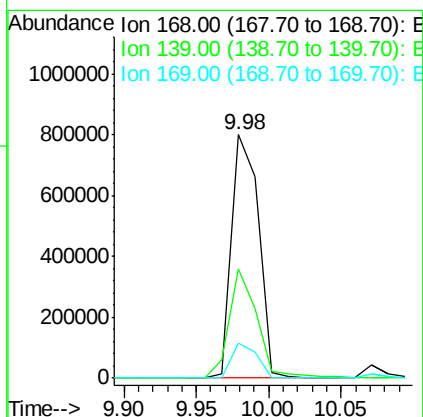
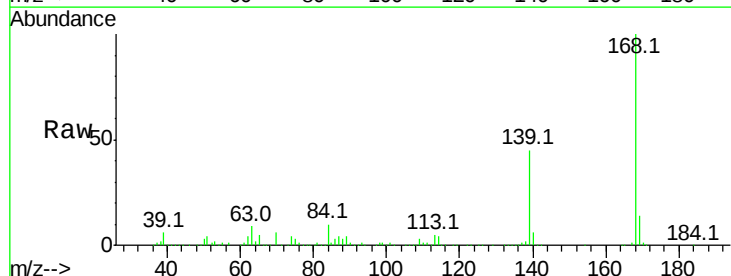
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

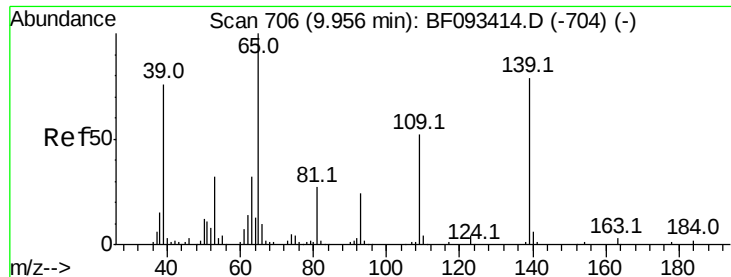
Tot Ion:184 Resp: 10442
Ion Ratio Lower Upper
184 100
63 69.3 28.4 42.6#
154 51.9 44.3 66.5



#54
Dibenzofuran
Concen: 45.60 ng
RT: 9.98 min Scan# 708
Delta R.T. -0.03 min
Lab File: BF093545.D
Acq: 11 Mar 2017 2:10

Tgt Ion:168 Resp: 1031147
Ion Ratio Lower Upper
168 100
139 44.7 32.6 49.0
169 14.2 11.3 16.9

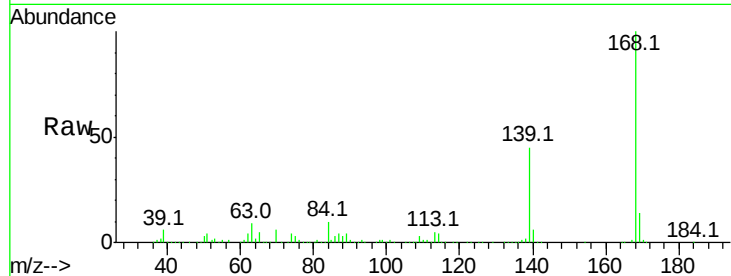




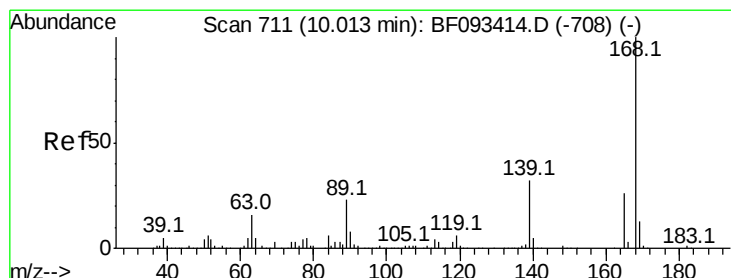
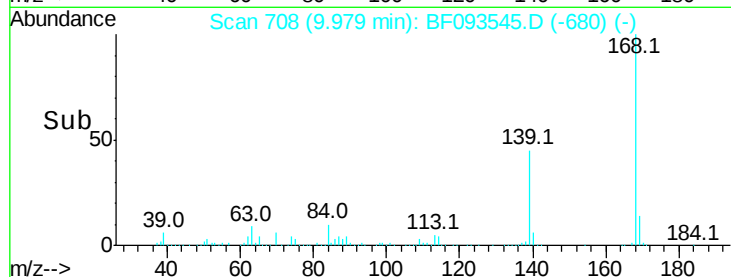
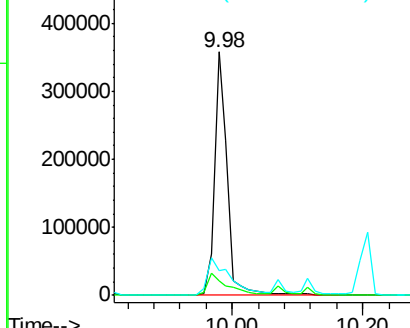
#55
4-Nitrophenol
Concen: 175.86 ng
RT: 9.98 min Scan# 708
Delta R.T. 0.02 min
Lab File: BF093545.D
Acq: 11 Mar 2017 2:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:139 Resp: 495989
Ion Ratio Lower Upper
139 100
109 6.2 52.2 92.2#
65 10.1 85.8 125.8#

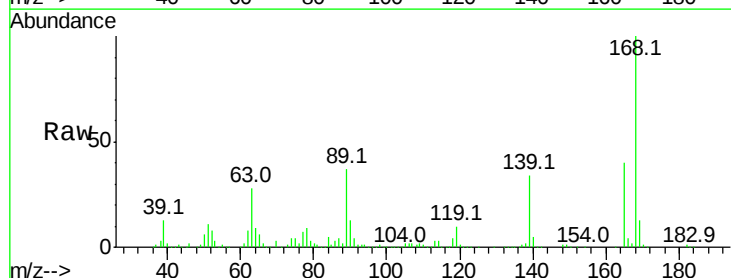


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

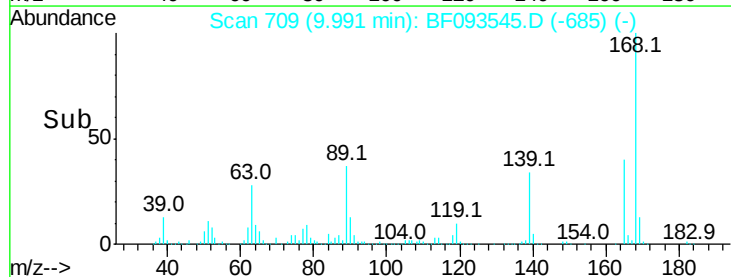
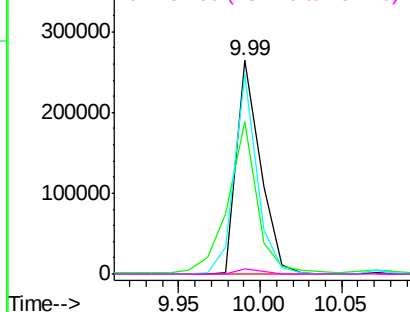


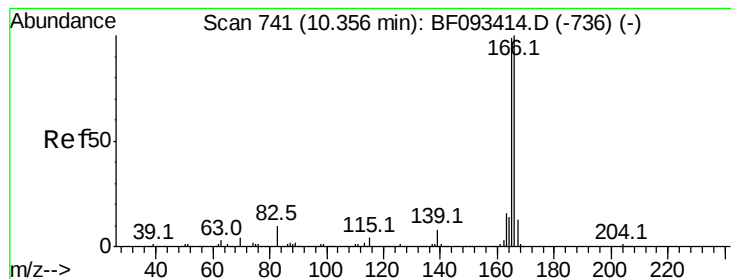
#56
2,4-Dinitrotoluene
Concen: 44.80 ng
RT: 9.99 min Scan# 709
Delta R.T. -0.02 min
Lab File: BF093545.D
Acq: 11 Mar 2017 2:10

Tgt Ion:165 Resp: 266037
Ion Ratio Lower Upper
165 100
63 71.5 40.2 60.4#
89 93.2 62.5 93.7
182 2.2 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: 43.03 ng

RT: 10.32 min Scan# 738

Delta R.T. -0.03 min

Lab File: BF093545.D

Acq: 11 Mar 2017 2:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

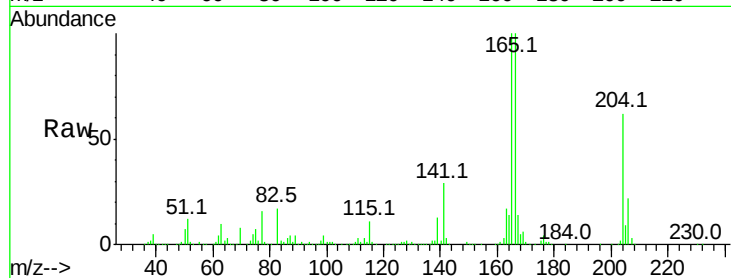
Tot Ion:166 Resp: 824619

Ion Ratio Lower Upper

166 100

165 100.5 77.8 116.8

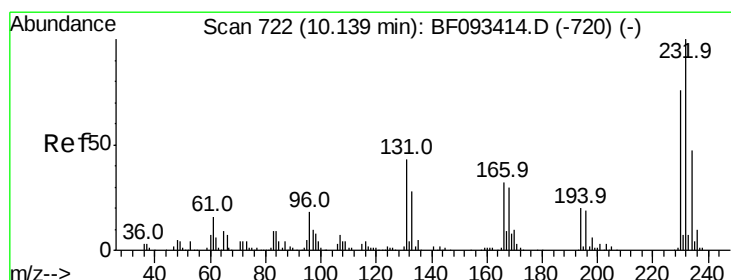
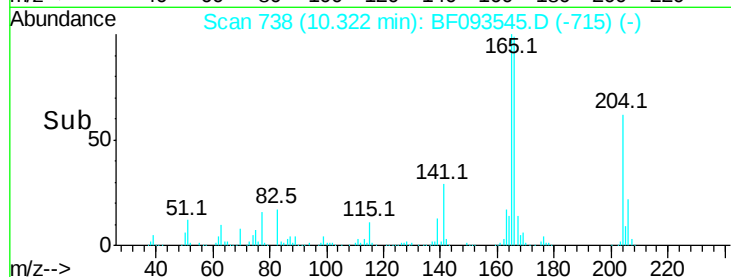
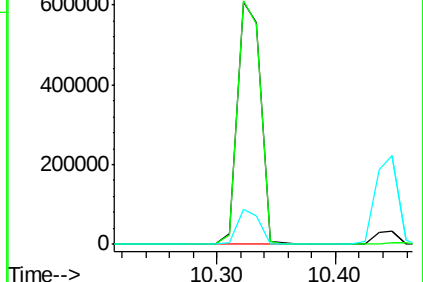
167 14.4 10.8 16.2



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: 44.48 ng

RT: 10.12 min Scan# 720

Delta R.T. -0.02 min

Lab File: BF093545.D

Acq: 11 Mar 2017 2:10

Tgt Ion:232 Resp: 190931

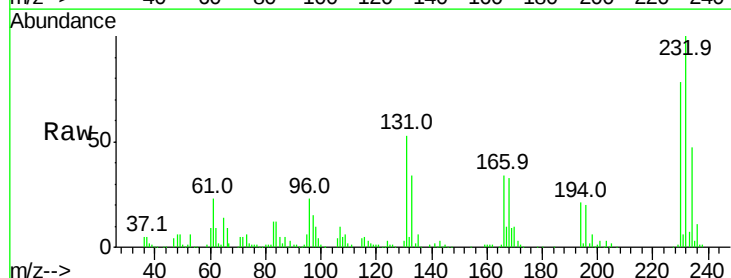
Ion Ratio Lower Upper

232 100

131 46.3 40.1 60.1

130 2.2 1.8 2.8

166 30.0 26.6 39.8

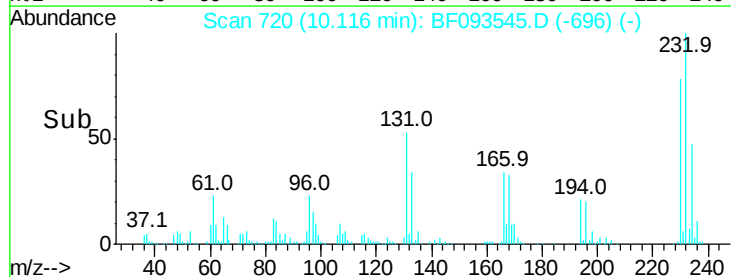
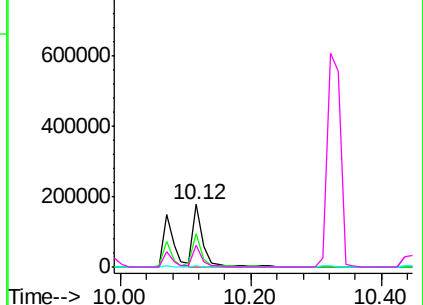


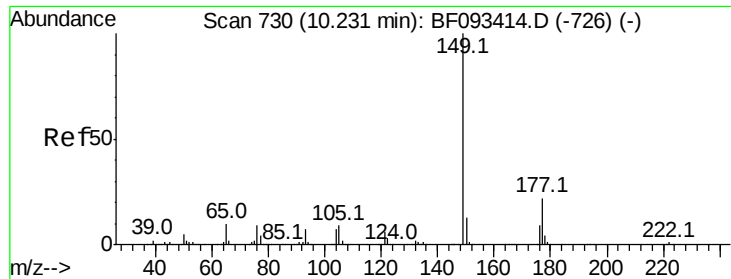
Abundance Ion 232.00 (231.70 to 232.70): E

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

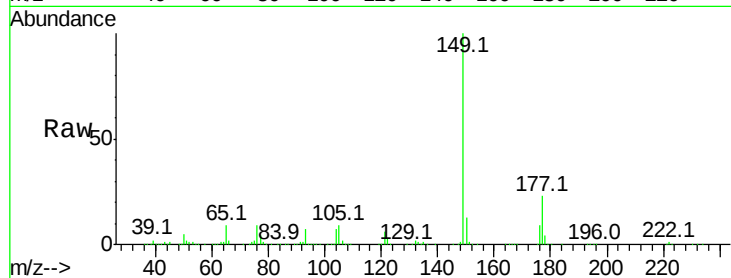




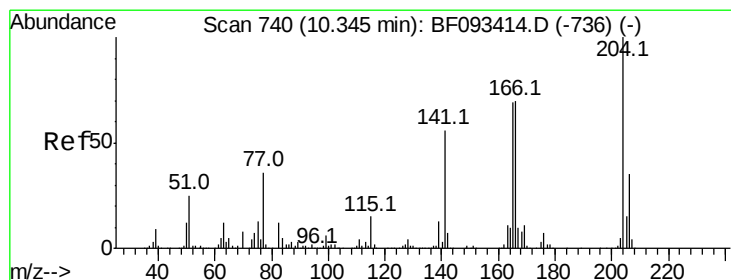
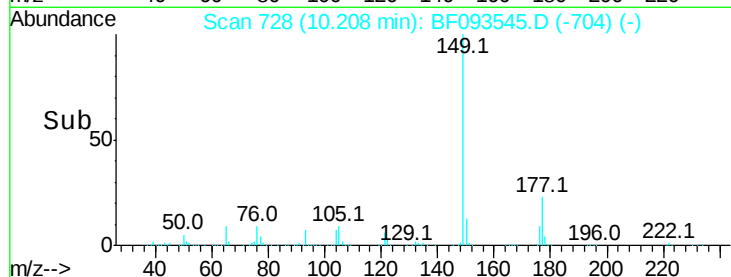
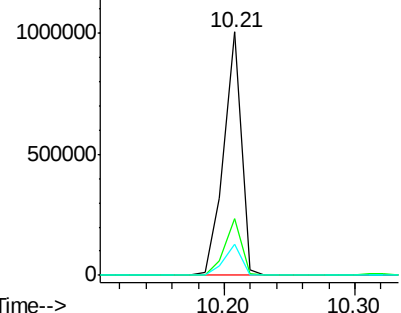
#59
Diethylphthalate
Concen: 44.44 ng
RT: 10.21 min Scan# 728
Delta R.T. -0.02 min
Lab File: BF093545.D
Acq: 11 Mar 2017 2:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
177	23.2	16.6	25.0
150	12.7	10.4	15.6

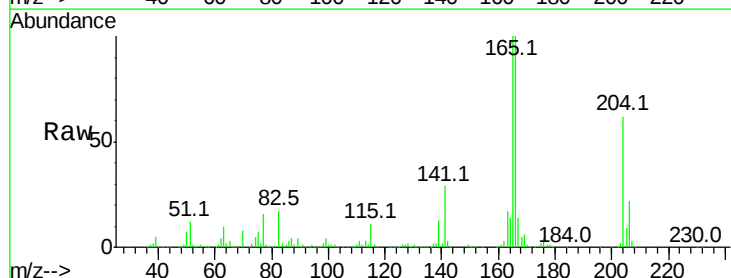


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

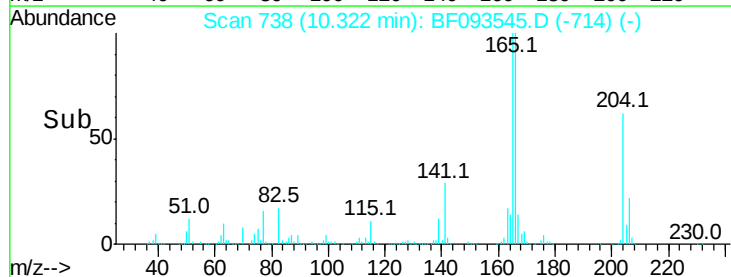
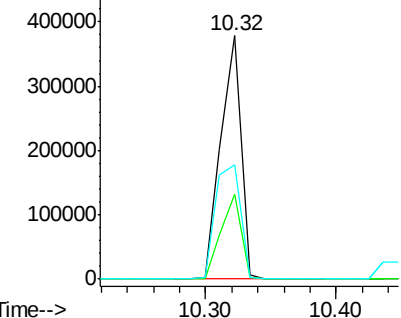


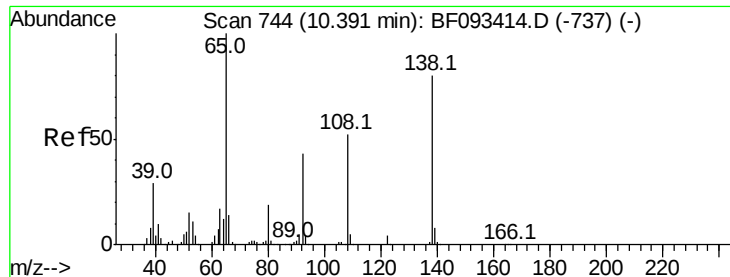
#60
4-Chlorophenyl-phenylether
Concen: 47.14 ng
RT: 10.32 min Scan# 738
Delta R.T. -0.02 min
Lab File: BF093545.D
Acq: 11 Mar 2017 2:10

Tgt Ion	Ratio	Lower	Upper
204	100		
206	35.0	25.8	38.6
141	46.9	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

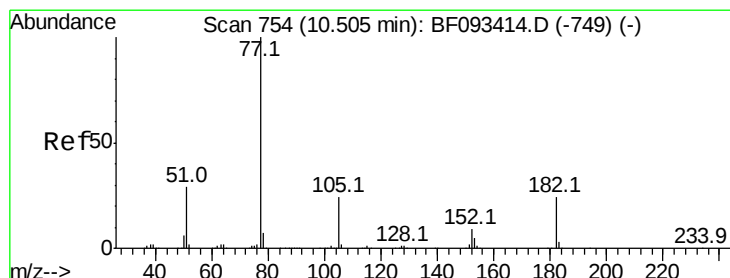
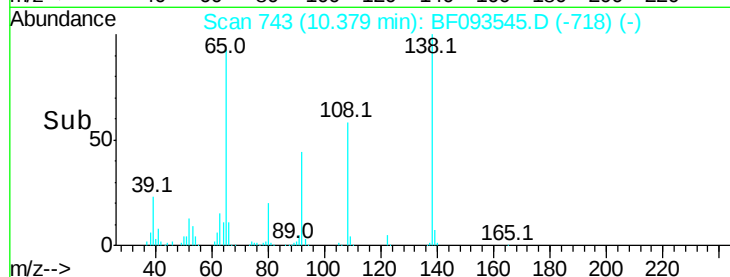
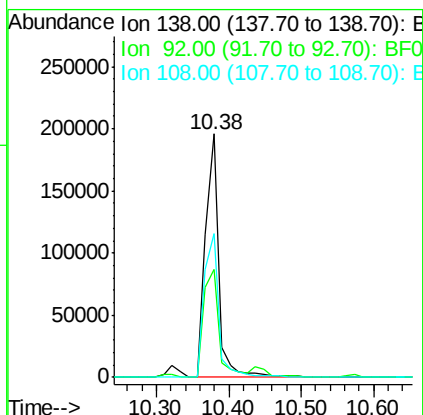
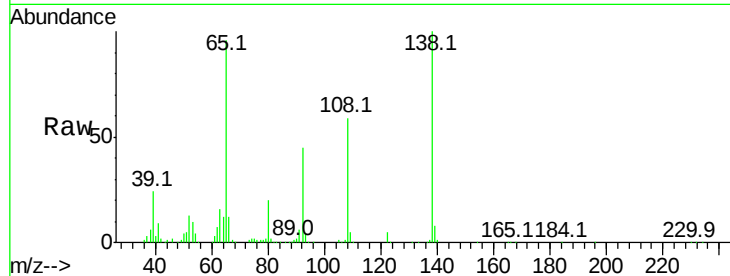




#61
4-Nitroaniline
Concen: 42.32 ng
RT: 10.38 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF093545.D
Acq: 11 Mar 2017 2:10

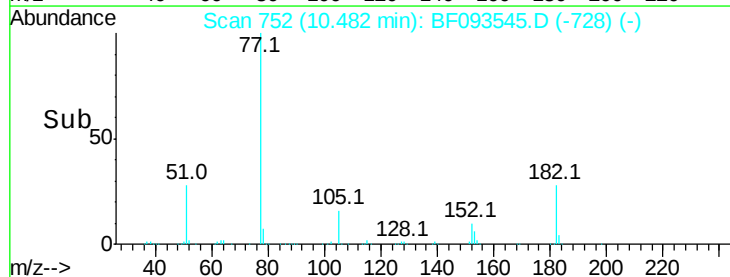
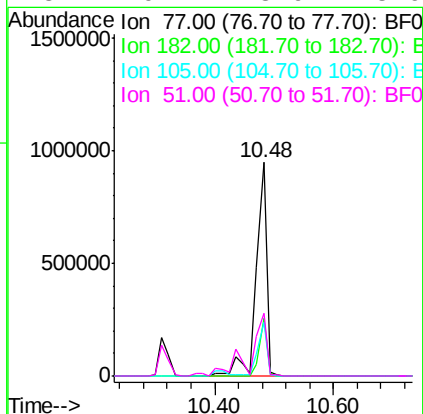
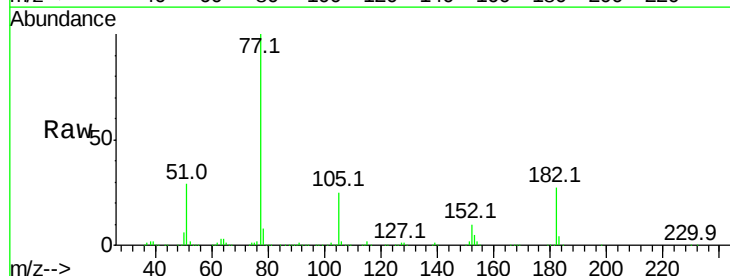
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

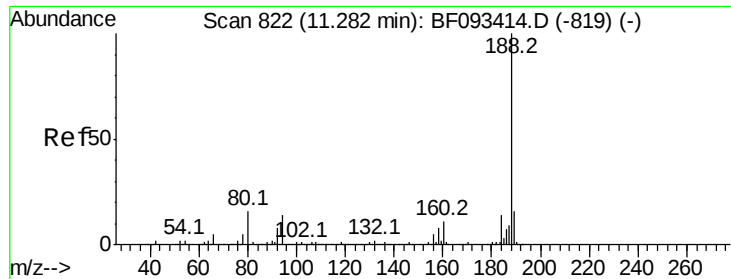
Tot Ion:138 Resp: 251320
Ion Ratio Lower Upper
138 100
92 44.6 31.7 71.7
108 58.8 52.6 92.6



#62
Azobenzene
Concen: 46.96 ng
RT: 10.48 min Scan# 752
Delta R.T. -0.02 min
Lab File: BF093545.D
Acq: 11 Mar 2017 2:10

Tgt Ion: 77 Resp: 1123267
Ion Ratio Lower Upper
77 100
182 26.7 0.0 39.3
105 24.9 2.3 42.3
51 29.4 8.9 48.9

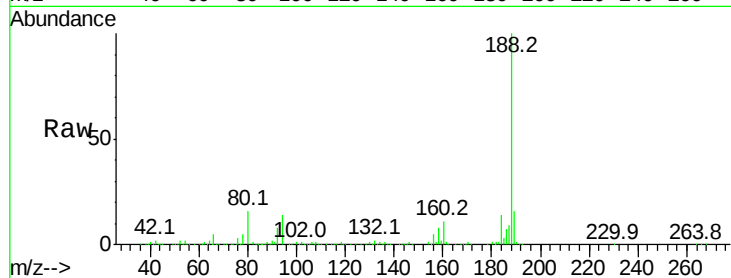




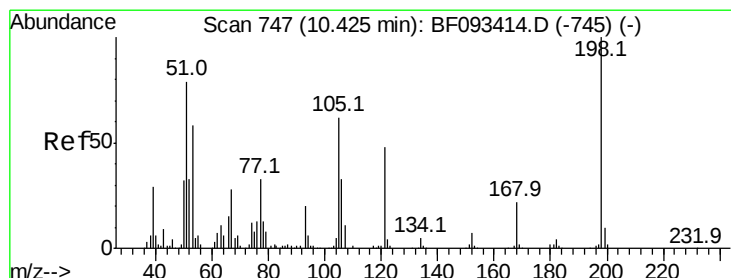
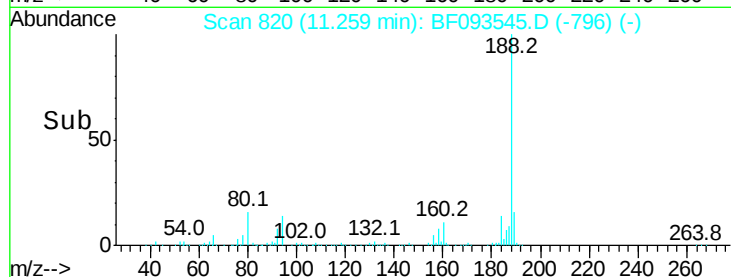
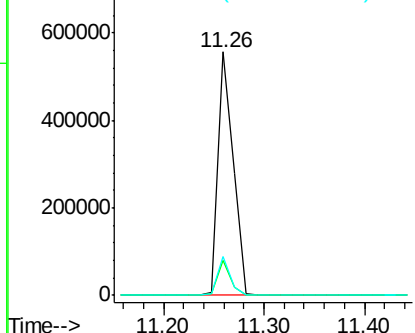
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 820
Delta R.T. -0.02 min
Lab File: BF093545.D
Acq: 11 Mar 2017 2:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:188 Resp: 585949
Ion Ratio Lower Upper
188 100
94 14.2 10.0 15.0
80 15.9 11.2 16.8

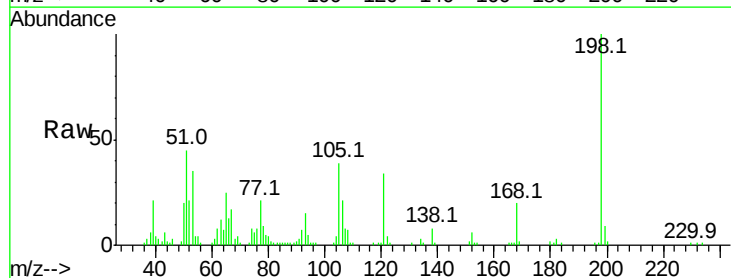


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

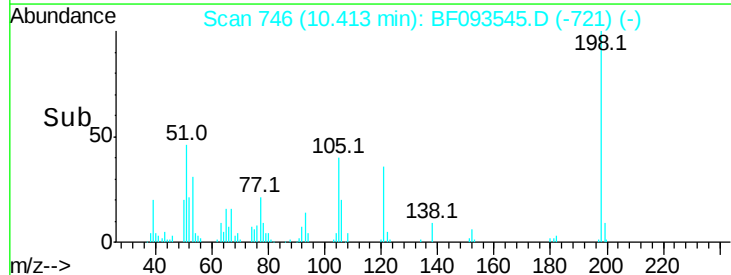
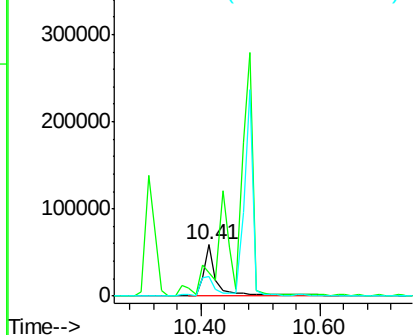


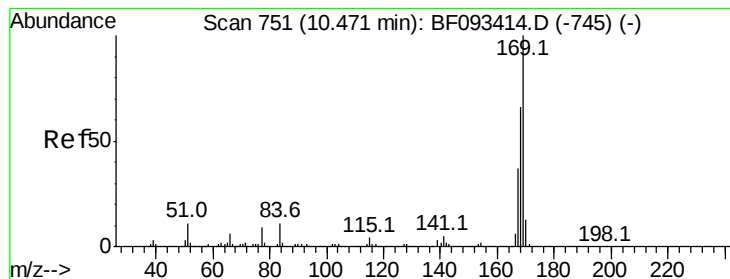
#64
4,6-Dinitro-2-methylphenol
Concen: 25.02 ng
RT: 10.41 min Scan# 746
Delta R.T. -0.01 min
Lab File: BF093545.D
Acq: 11 Mar 2017 2:10

Tgt Ion:198 Resp: 94976
Ion Ratio Lower Upper
198 100
51 44.5 6.7 46.7
105 38.8 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: 38.88 ng

RT: 10.45 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF093545.D

Acq: 11 Mar 2017 2:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

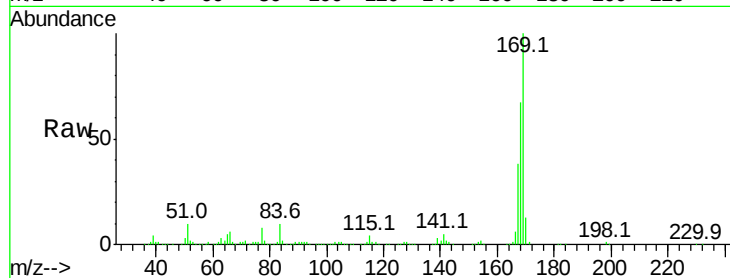
Tot Ion:169 Resp: 760652

Ion Ratio Lower Upper

169 100

168 67.4 54.2 81.2

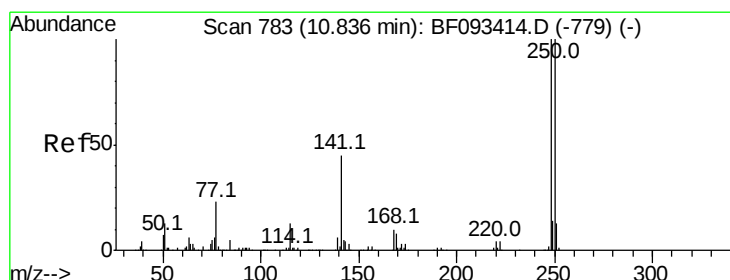
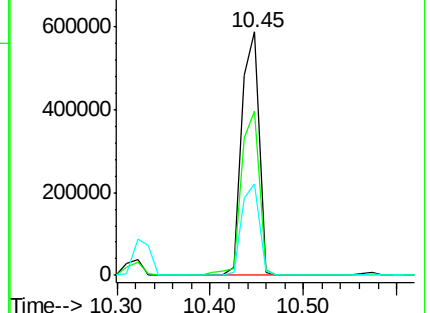
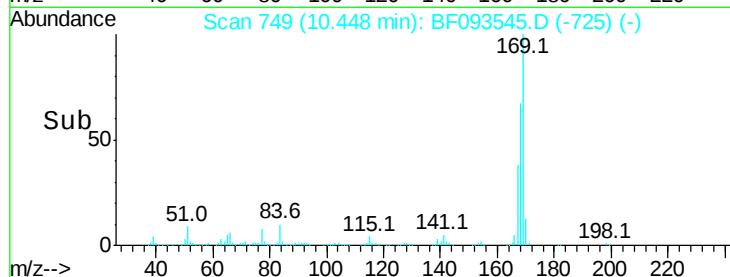
167 37.7 30.2 45.4



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: 37.56 ng

RT: 10.80 min Scan# 780

Delta R.T. -0.03 min

Lab File: BF093545.D

Acq: 11 Mar 2017 2:10

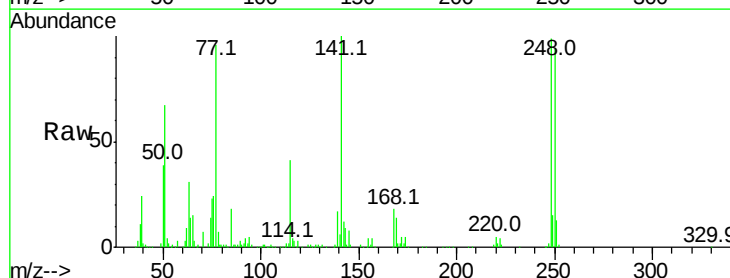
Tgt Ion:248 Resp: 232698

Ion Ratio Lower Upper

248 100

250 95.2 76.9 115.3

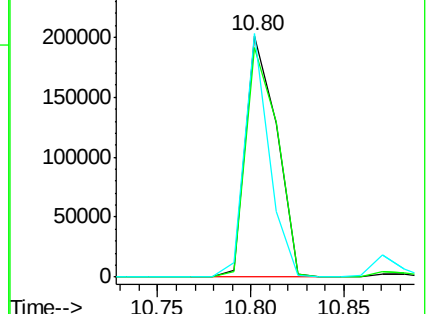
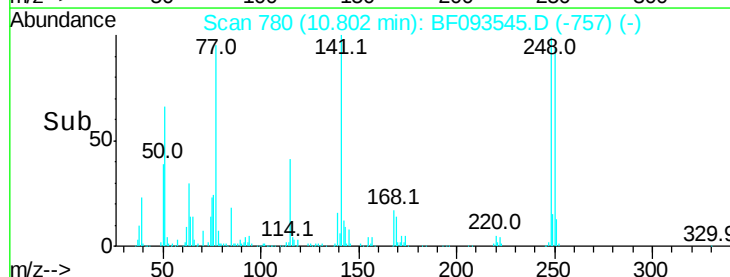
141 101.0 68.2 102.4

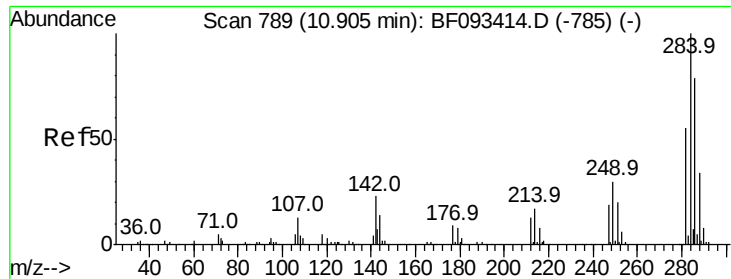


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

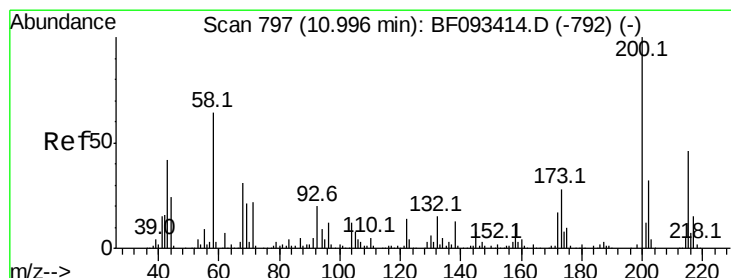
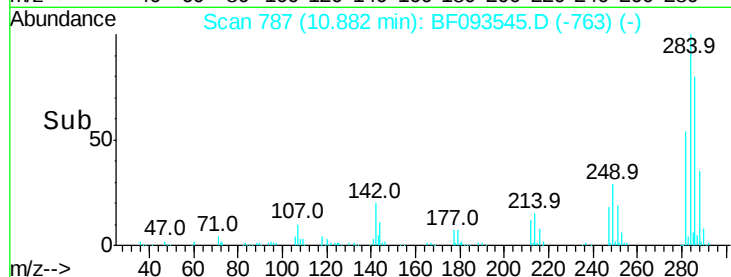
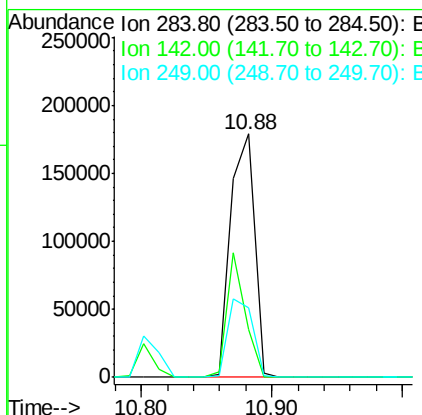
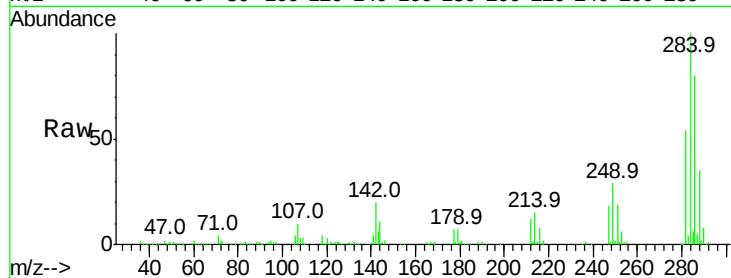




#67
Hexachlorobenzene
Concen: 38.49 ng
RT: 10.88 min Scan# 787
Delta R.T. -0.02 min
Lab File: BF093545.D
Acq: 11 Mar 2017 2:10

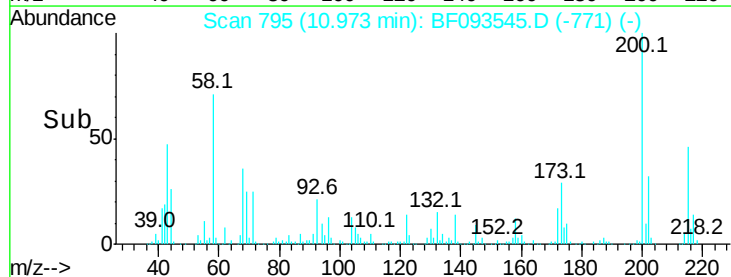
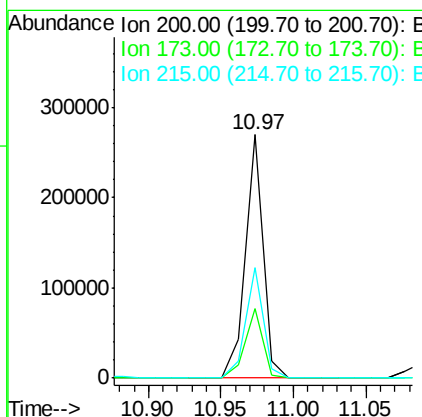
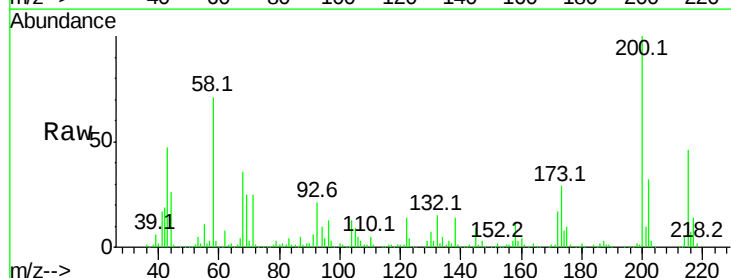
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

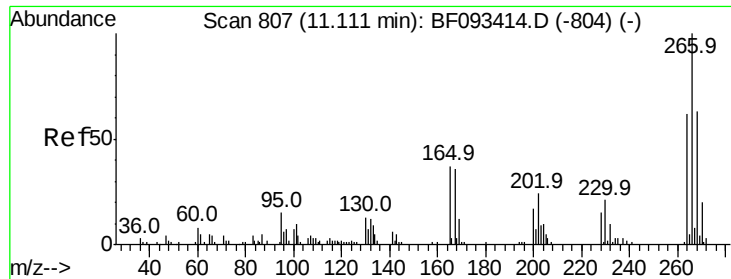
Tot Ion	Ratio	Lower	Upper
284	100		
142	19.6	22.6	33.8#
249	28.7	25.4	38.0



#68
Atrazine
Concen: 40.08 ng
RT: 10.97 min Scan# 795
Delta R.T. -0.02 min
Lab File: BF093545.D
Acq: 11 Mar 2017 2:10

Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.6	9.6	49.6
215	45.5	25.7	65.7

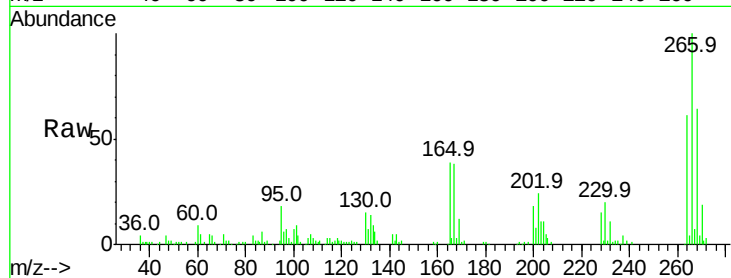




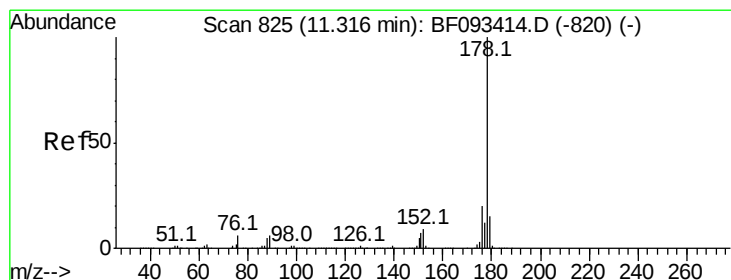
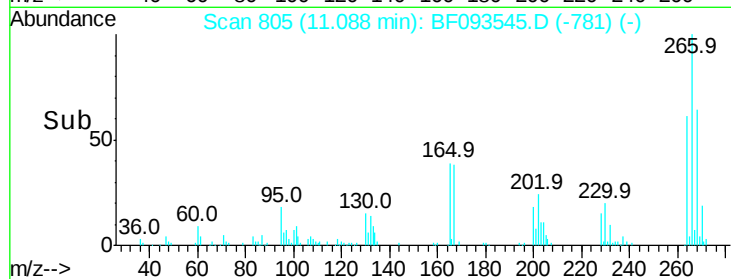
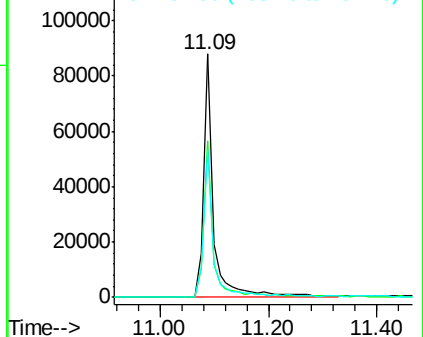
#69
 Pentachlorophenol
 Concen: 54.28 ng
 RT: 11.09 min Scan# 805
 Delta R.T. -0.02 min
 Lab File: BF093545.D
 Acq: 11 Mar 2017 2:10

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:266 Resp: 110888
 Ion Ratio Lower Upper
 266 100
 268 64.3 53.3 79.9
 264 60.6 50.3 75.5

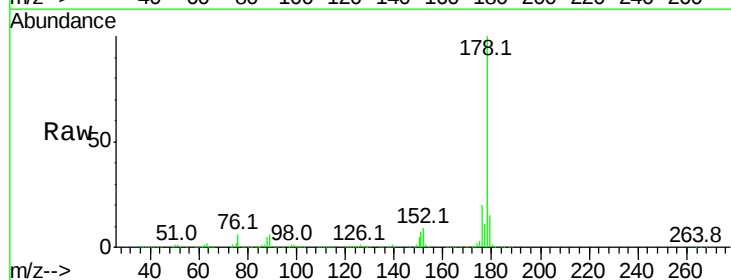


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

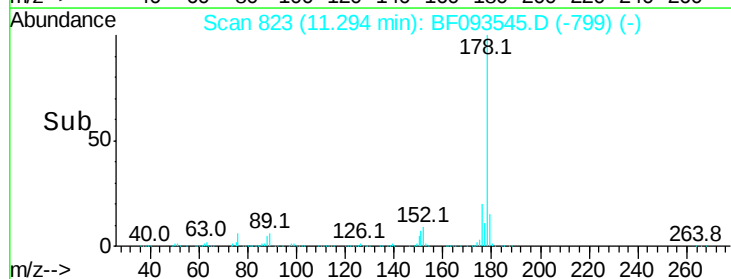
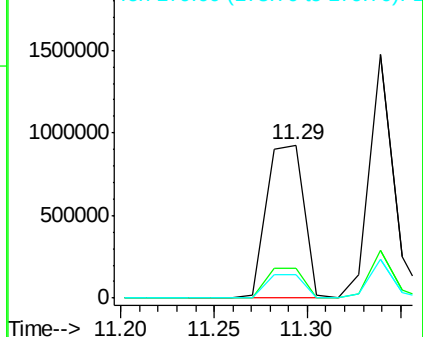


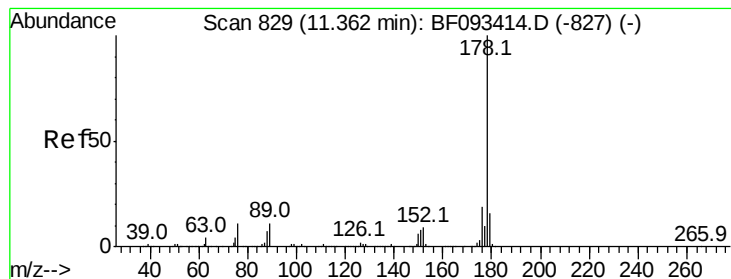
#70
 Phenanthrene
 Concen: 38.31 ng
 RT: 11.29 min Scan# 823
 Delta R.T. -0.02 min
 Lab File: BF093545.D
 Acq: 11 Mar 2017 2:10

Tgt Ion:178 Resp: 1281272
 Ion Ratio Lower Upper
 178 100
 176 19.7 16.6 25.0
 179 15.1 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: 38.78 ng

RT: 11.34 min Scan# 827

Delta R.T. -0.02 min

Lab File: BF093545.D

Acq: 11 Mar 2017 2:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

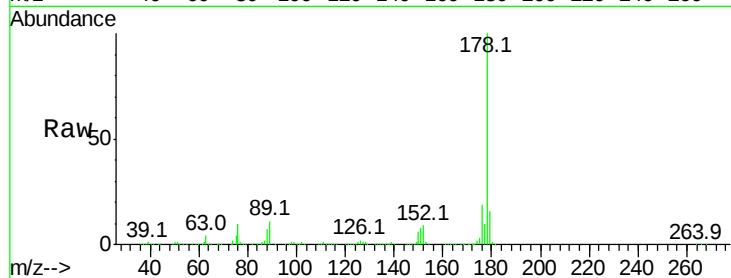
Tot Ion:178 Resp: 1311902

Ion Ratio Lower Upper

178 100

176 19.5 15.9 23.9

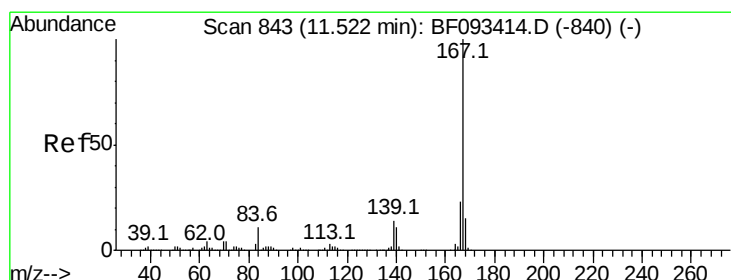
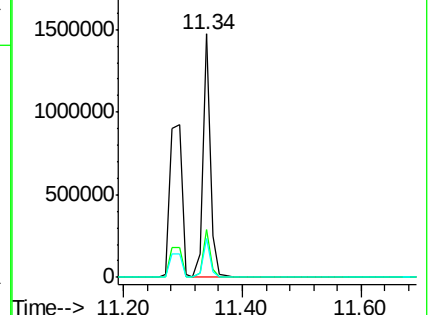
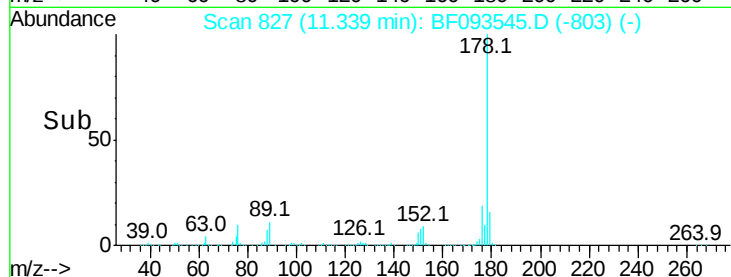
179 15.9 13.2 19.8



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: 40.19 ng

RT: 11.50 min Scan# 841

Delta R.T. -0.02 min

Lab File: BF093545.D

Acq: 11 Mar 2017 2:10

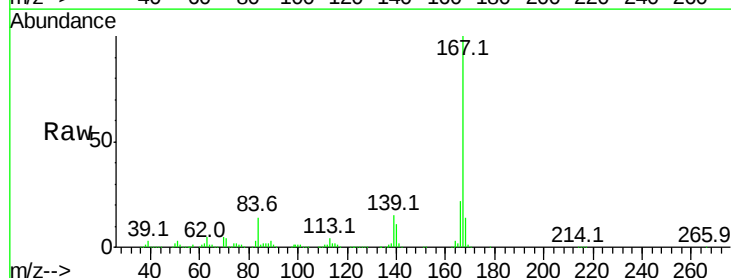
Tgt Ion:167 Resp: 1277239

Ion Ratio Lower Upper

167 100

166 22.0 18.2 27.2

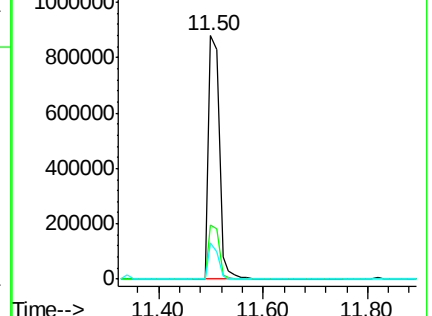
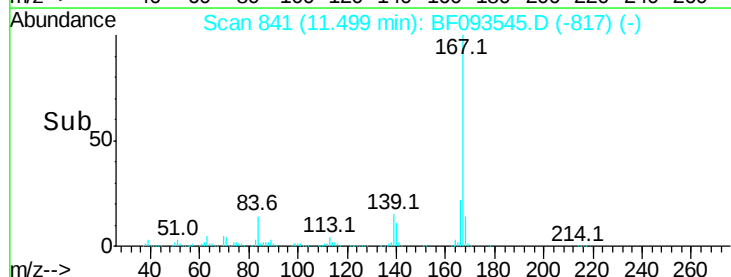
139 14.8 11.4 17.2

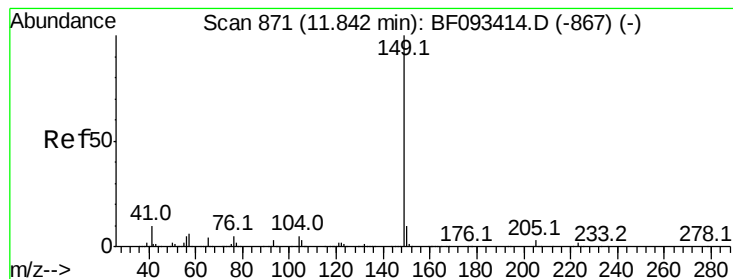


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 37.95 ng

RT: 11.82 min Scan# 869

Delta R.T. -0.02 min

Lab File: BF093545.D

Acq: 11 Mar 2017 2:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

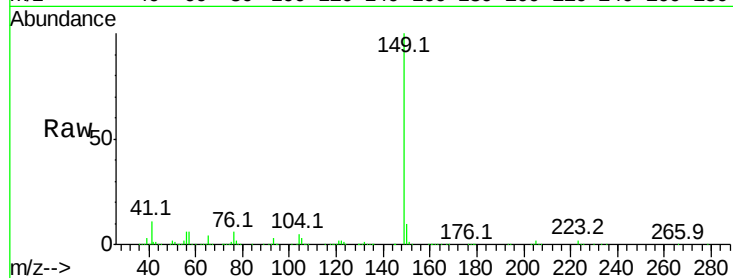
Tot Ion:149 Resp: 1395586

Ion Ratio Lower Upper

149 100

150 9.6 8.1 12.1

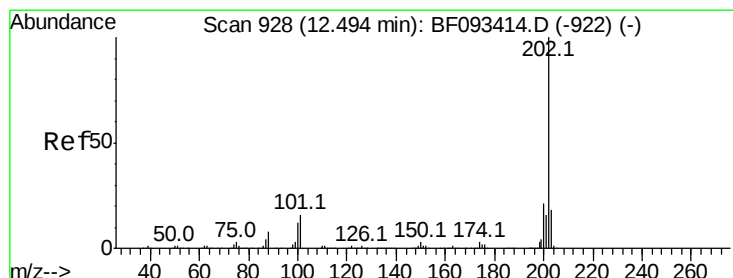
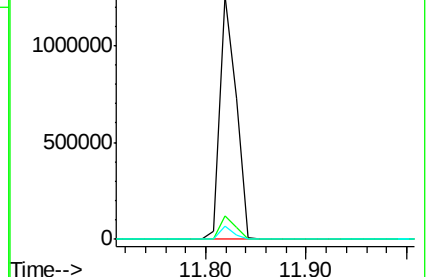
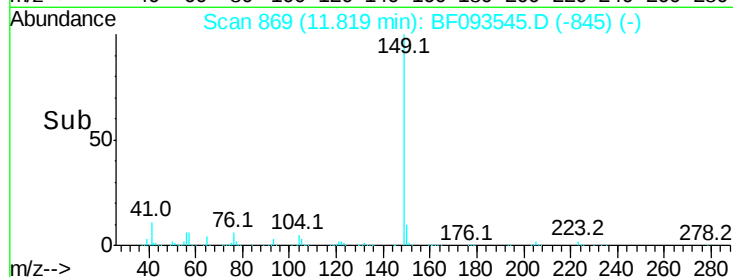
104 5.3 4.6 7.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.84 ng

RT: 12.47 min Scan# 926

Delta R.T. -0.02 min

Lab File: BF093545.D

Acq: 11 Mar 2017 2:10

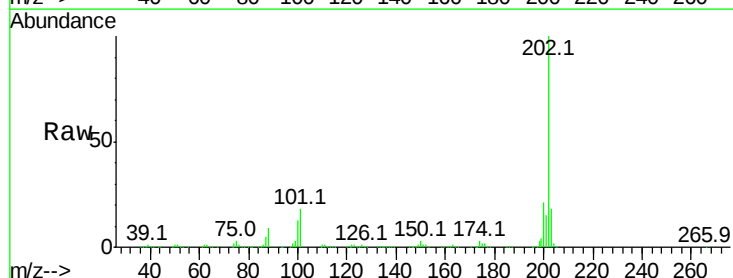
Tgt Ion:202 Resp: 1287096

Ion Ratio Lower Upper

202 100

101 17.6 0.0 34.6

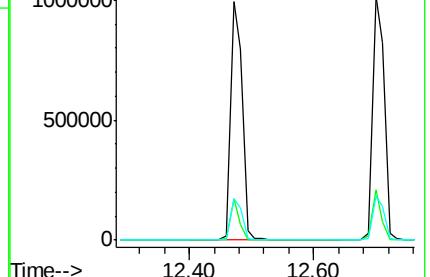
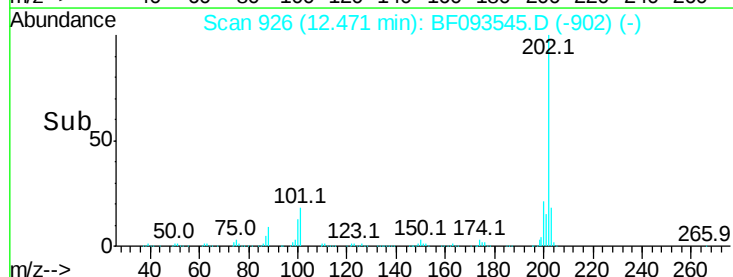
203 17.6 0.0 38.7

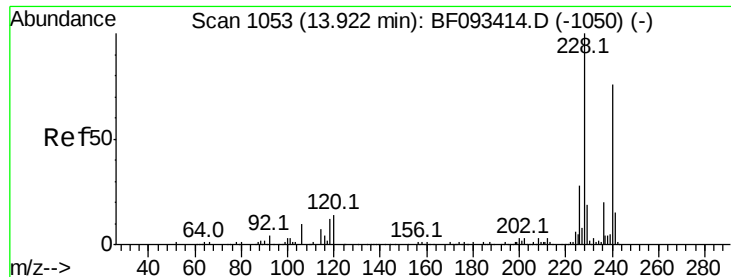


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.91 min Scan# 1052

Delta R.T. -0.01 min

Lab File: BF093545.D

Acq: 11 Mar 2017 2:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

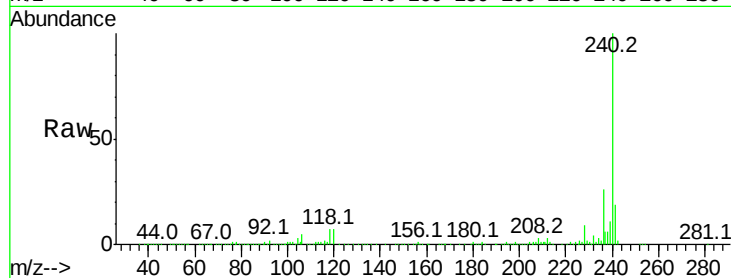
Tot Ion:240 Resp: 448467

Ion Ratio Lower Upper

240 100

120 7.3 12.9 19.3#

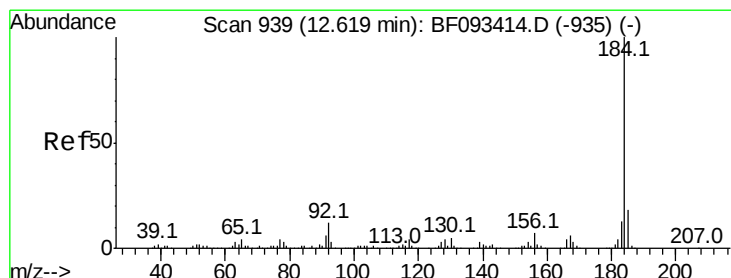
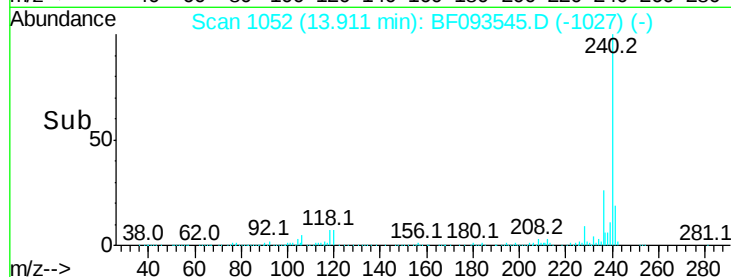
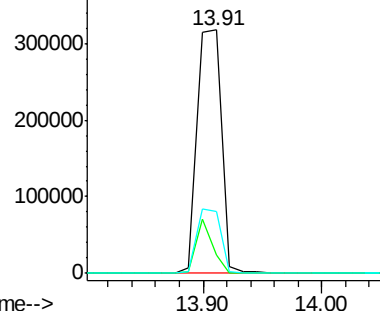
236 25.6 20.9 31.3



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: 24.94 ng

RT: 12.61 min Scan# 938

Delta R.T. -0.01 min

Lab File: BF093545.D

Acq: 11 Mar 2017 2:10

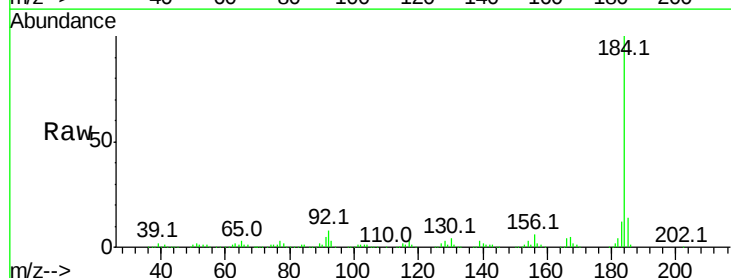
Tgt Ion:184 Resp: 367762

Ion Ratio Lower Upper

184 100

185 14.3 13.4 20.0

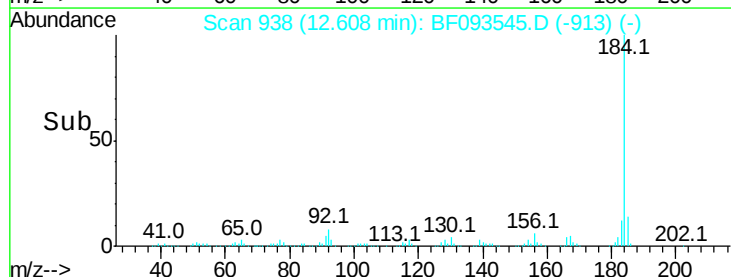
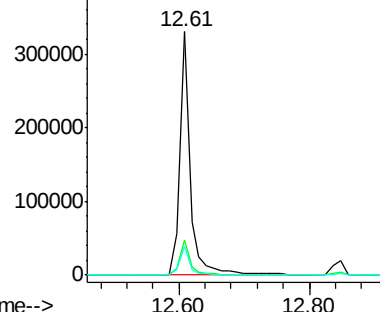
183 11.7 9.2 13.8

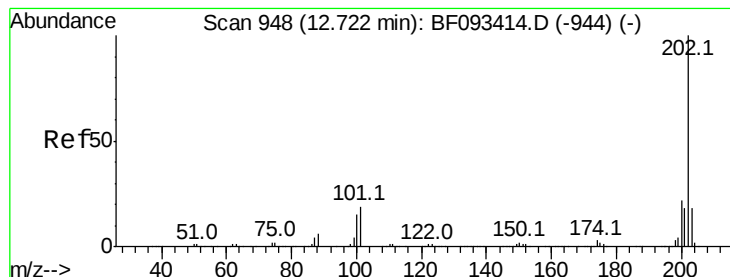


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 40.08 ng

RT: 12.70 min Scan# 946

Delta R.T. -0.02 min

Lab File: BF093545.D

Acq: 11 Mar 2017 2:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

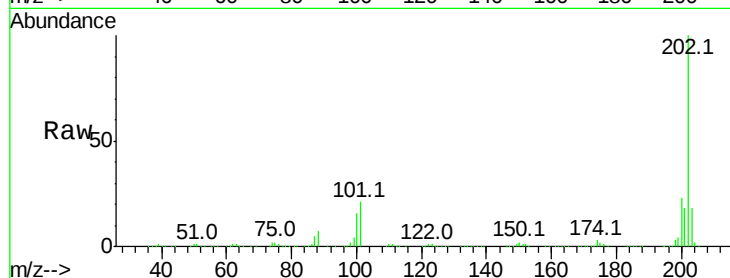
Tot Ion:202 Resp: 1307195

Ion Ratio Lower Upper

202 100

200 22.5 17.7 26.5

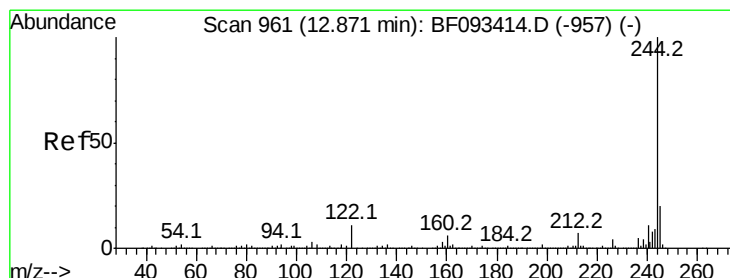
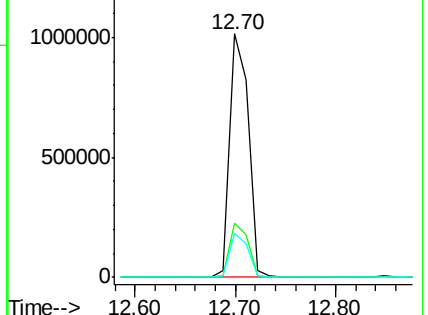
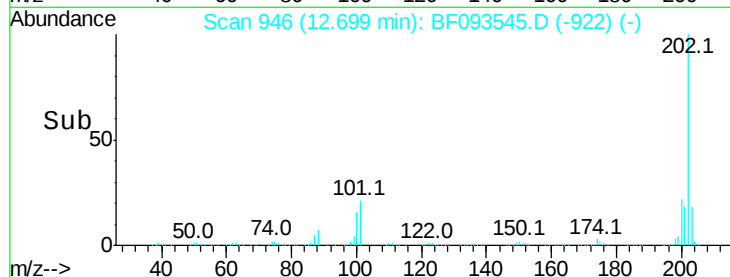
203 18.0 14.7 22.1



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: 90.72 ng

RT: 12.85 min Scan# 959

Delta R.T. -0.02 min

Lab File: BF093545.D

Acq: 11 Mar 2017 2:10

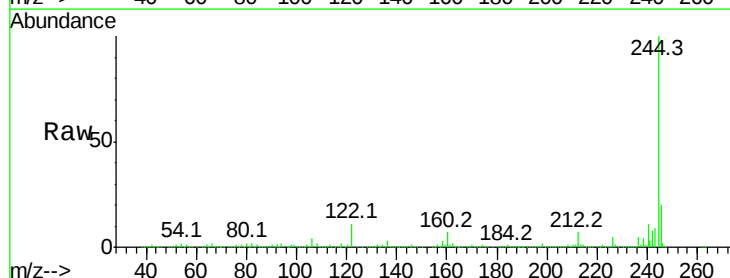
Tgt Ion:244 Resp: 1564901

Ion Ratio Lower Upper

244 100

212 7.3 6.2 9.2

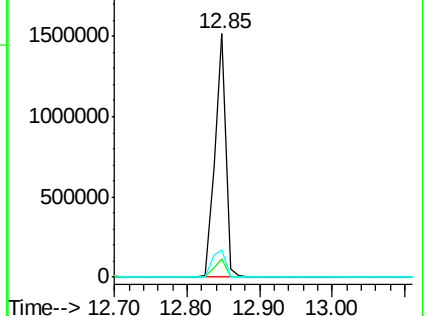
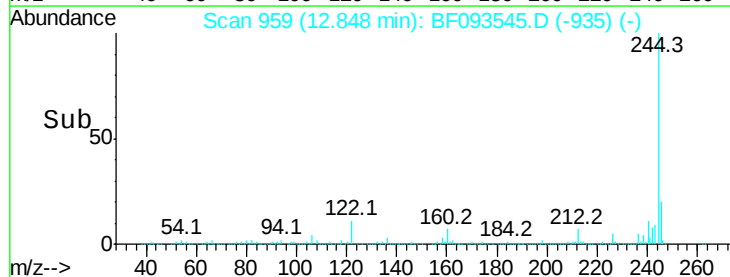
122 11.1 11.4 17.2#

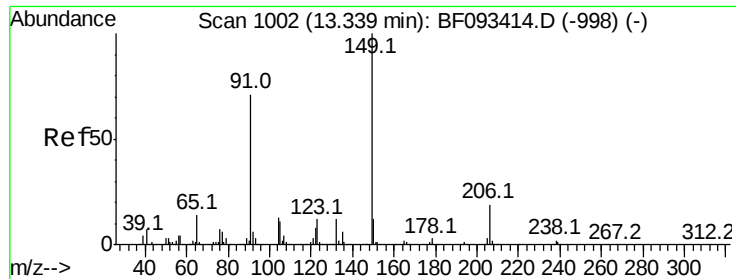


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

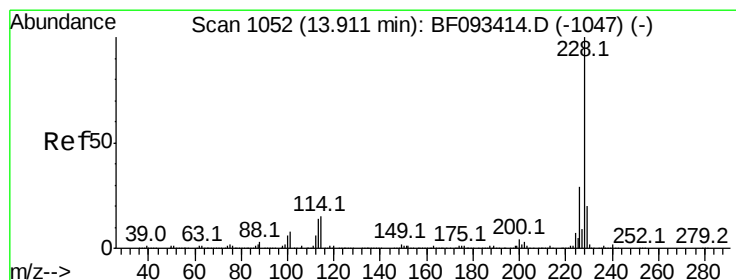
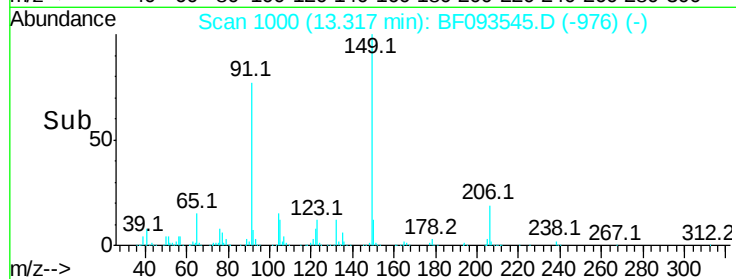
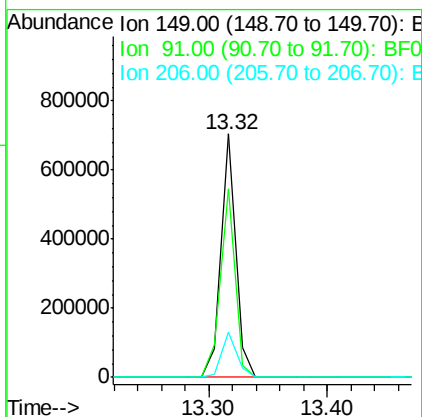
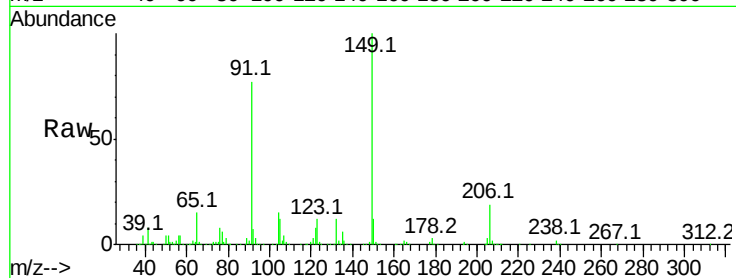




#79
Butylbenzylphthalate
Concen: 43.95 ng
RT: 13.32 min Scan# 1000
Delta R.T. -0.02 min
Lab File: BF093545.D
Acq: 11 Mar 2017 2:10

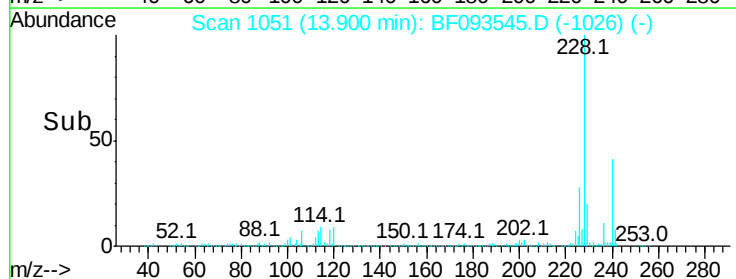
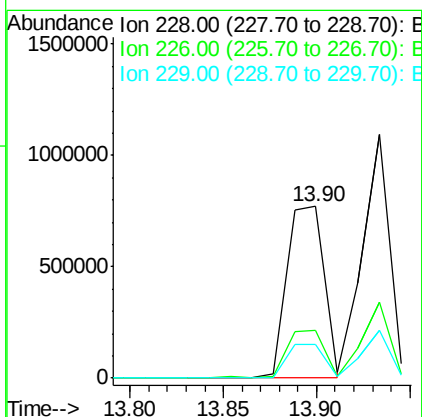
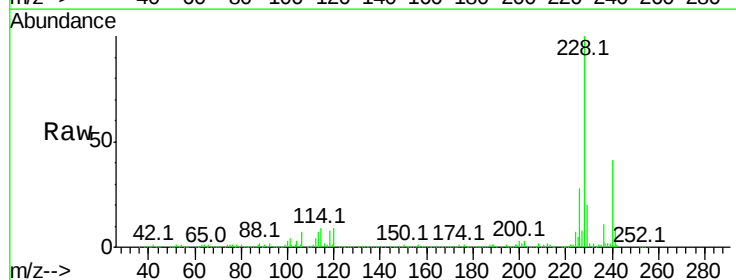
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

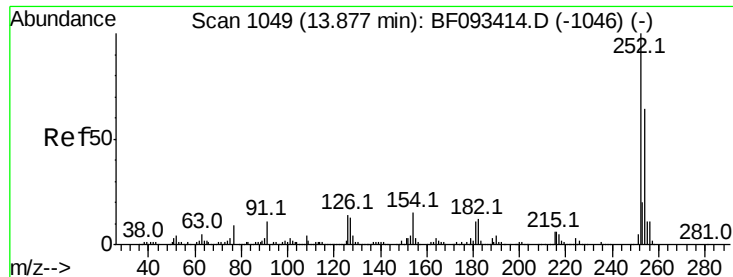
Tot Ion:149 Resp: 603408
Ion Ratio Lower Upper
149 100
91 77.2 63.9 95.9
206 18.6 14.6 21.8



#80
Benzo(a)anthracene
Concen: 40.68 ng
RT: 13.90 min Scan# 1051
Delta R.T. -0.01 min
Lab File: BF093545.D
Acq: 11 Mar 2017 2:10

Tgt Ion:228 Resp: 1077373
Ion Ratio Lower Upper
228 100
226 28.2 22.4 33.6
229 19.8 16.2 24.4

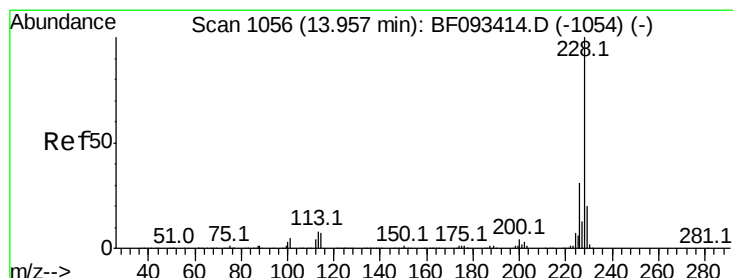
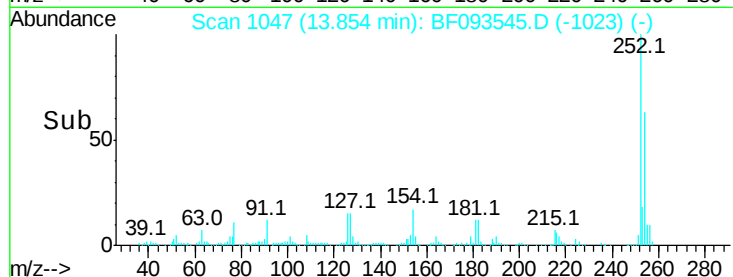
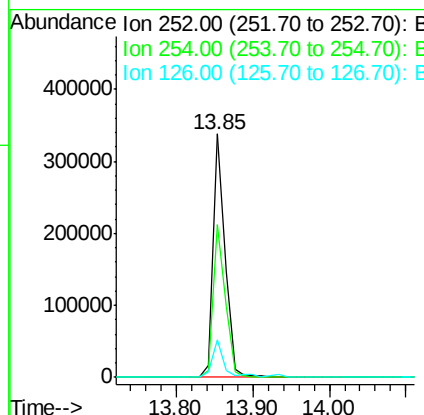
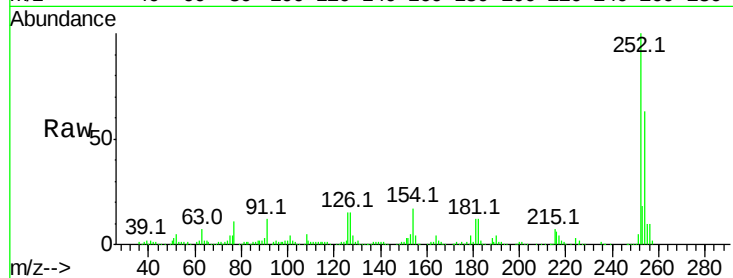




#81
 3,3'-Dichlorobenzidine
 Concen: 38.80 ng
 RT: 13.85 min Scan# 1047
 Delta R.T. -0.02 min
 Lab File: BF093545.D
 Acq: 11 Mar 2017 2:10

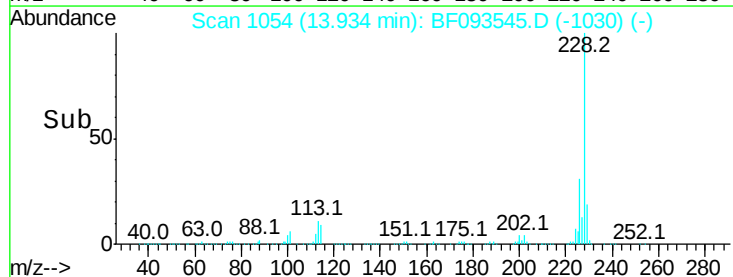
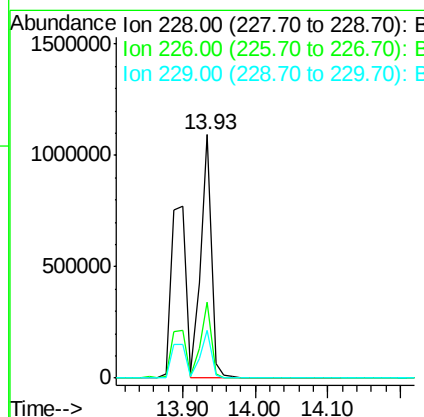
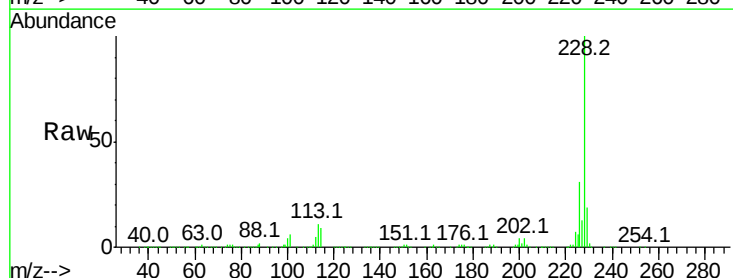
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

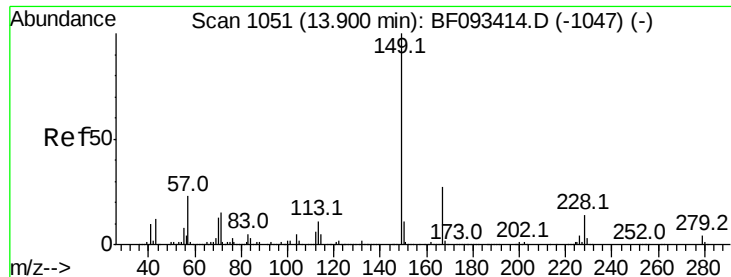
Tot Ion	Ratio	Lower	Upper
252	100		
254	62.9	52.3	78.5
126	15.4	13.6	20.4



#82
 Chrysene
 Concen: 45.20 ng
 RT: 13.93 min Scan# 1054
 Delta R.T. -0.02 min
 Lab File: BF093545.D
 Acq: 11 Mar 2017 2:10

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.4	38.0
229	19.5	16.2	24.2

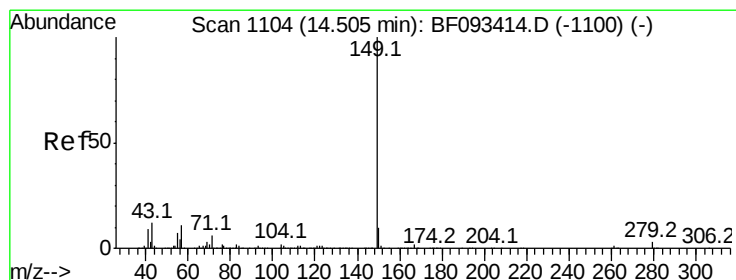
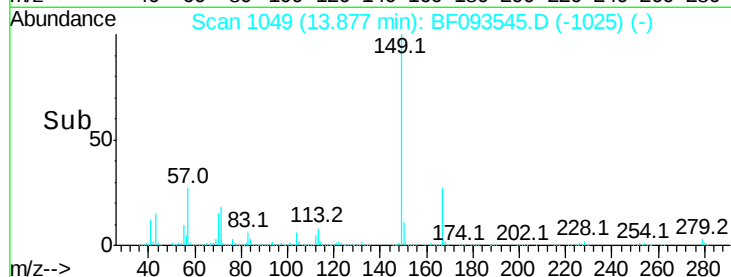
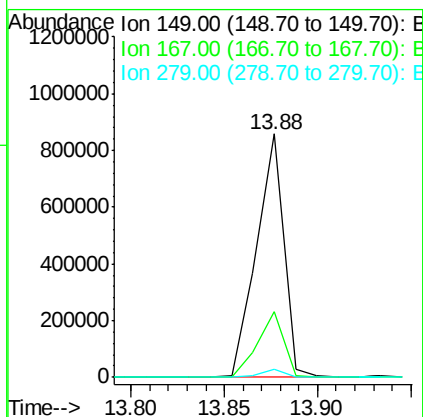
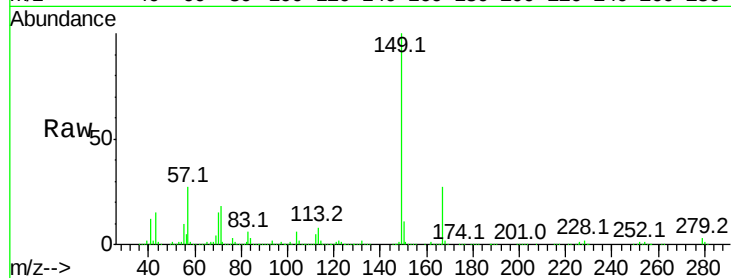




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.14 ng
 RT: 13.88 min Scan# 1049
 Delta R.T. -0.02 min
 Lab File: BF093545.D
 Acq: 11 Mar 2017 2:10

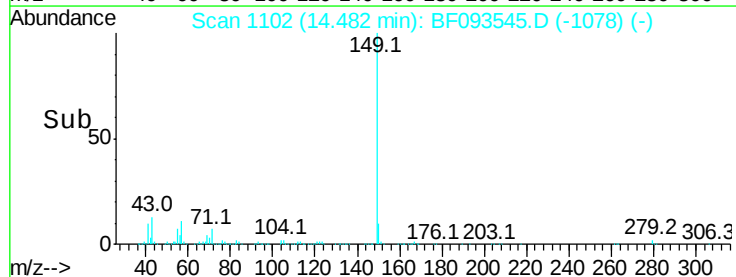
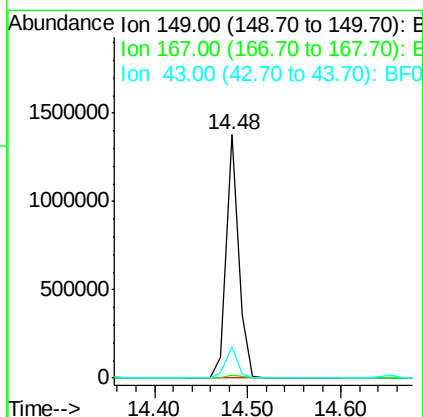
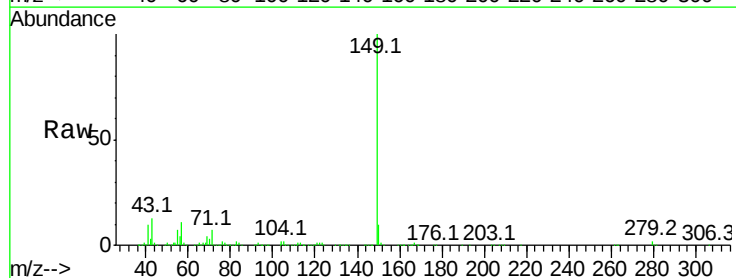
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

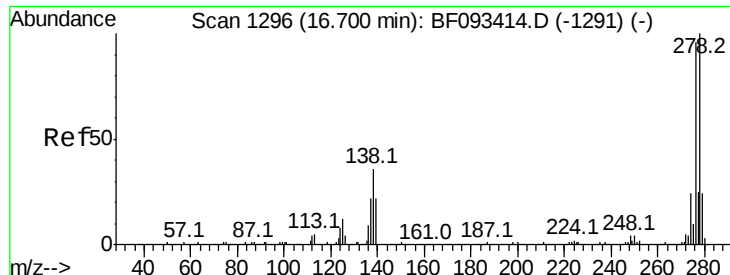
Tot Ion:149 Resp: 863802
 Ion Ratio Lower Upper
 149 100
 167 27.1 20.2 30.4
 279 3.3 1.8 2.8#



#84
 Di-n-octyl phthalate
 Concen: 40.25 ng
 RT: 14.48 min Scan# 1102
 Delta R.T. -0.02 min
 Lab File: BF093545.D
 Acq: 11 Mar 2017 2:10

Tgt Ion:149 Resp: 1283875
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 12.5 8.9 13.3

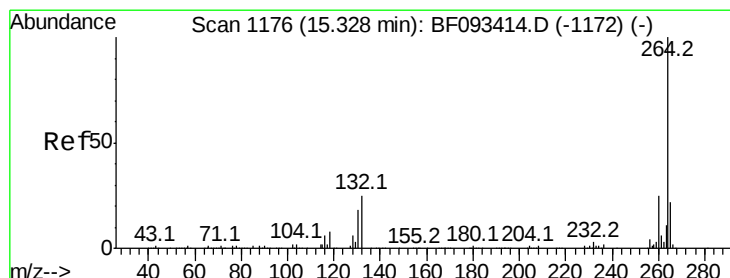
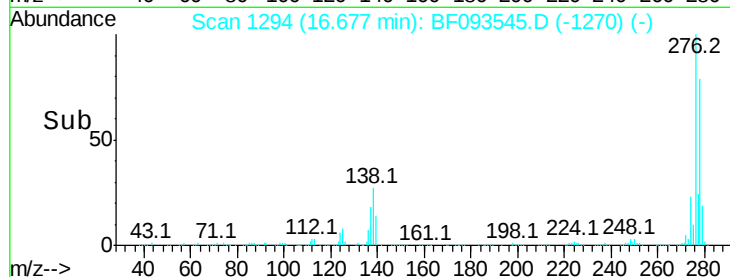
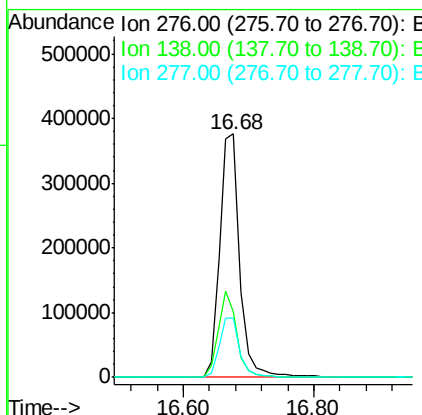
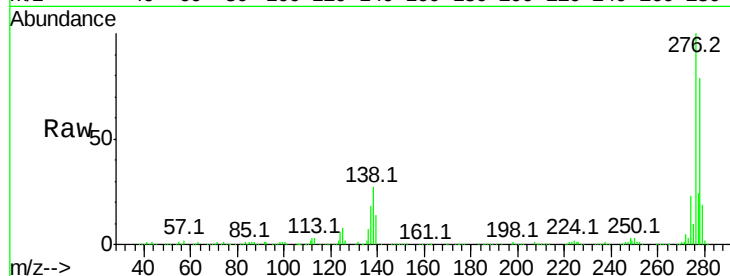




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.24 ng
 RT: 16.68 min Scan# 1294
 Delta R.T. -0.02 min
 Lab File: BF093545.D
 Acq: 11 Mar 2017 2:10

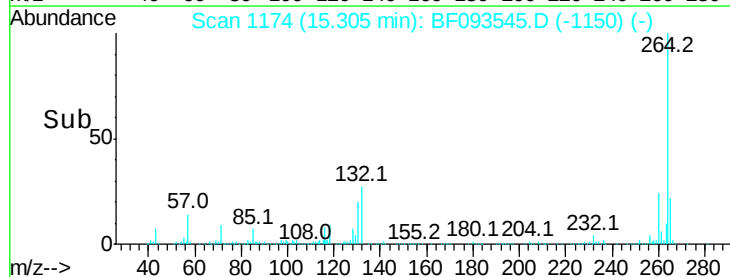
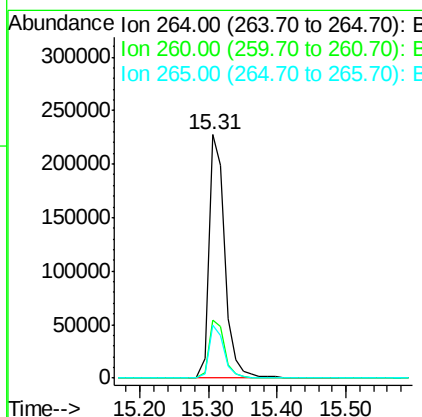
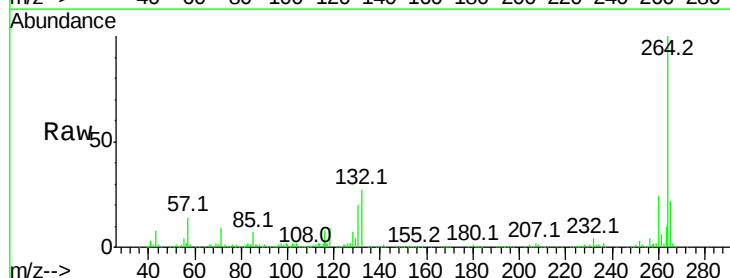
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

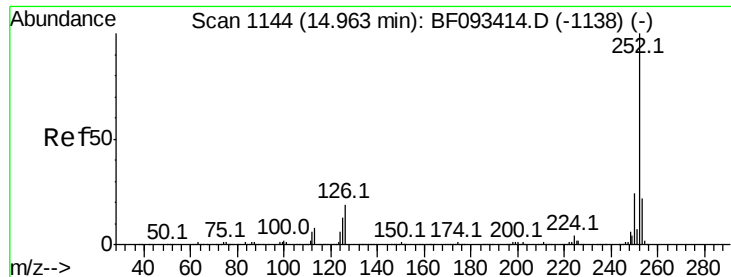
Tot Ion:276 Resp: 804940
 Ion Ratio Lower Upper
 276 100
 138 33.4 21.8 32.6#
 277 24.9 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.31 min Scan# 1174
 Delta R.T. -0.02 min
 Lab File: BF093545.D
 Acq: 11 Mar 2017 2:10

Tgt Ion:264 Resp: 367411
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.2 28.8
 265 21.6 17.4 26.0





#87

Benzo(b)fluoranthene

Concen: 80.38 ng

RT: 14.92 min Scan# 1140

Delta R.T. -0.02 min

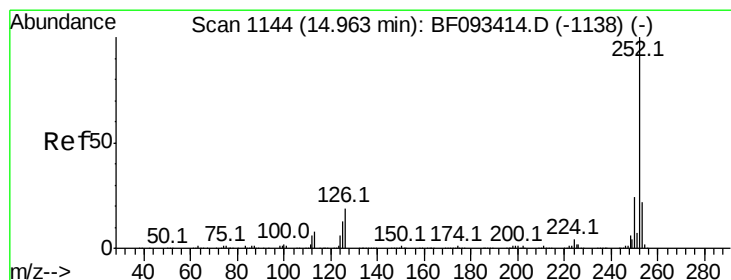
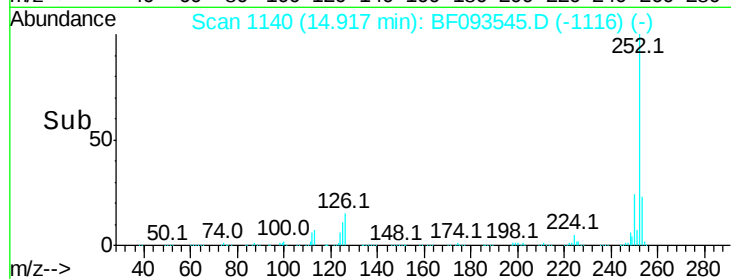
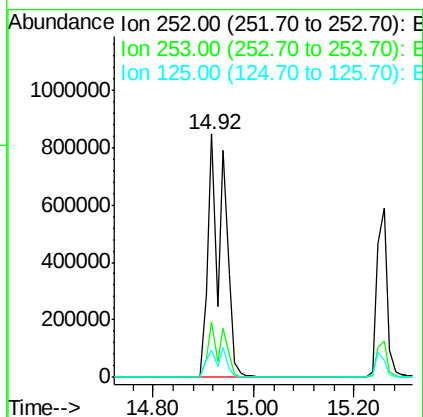
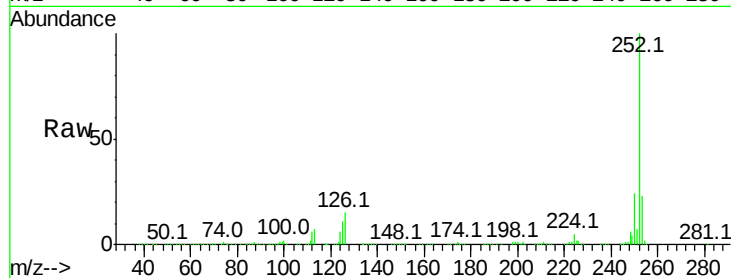
Lab File: BF093545.D

Acq: 11 Mar 2017 2:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:252 Resp: 1798646

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.4
125	11.0	9.8	14.6



#88

Benzo(k)fluoranthene

Concen: 83.36 ng

RT: 14.92 min Scan# 1140

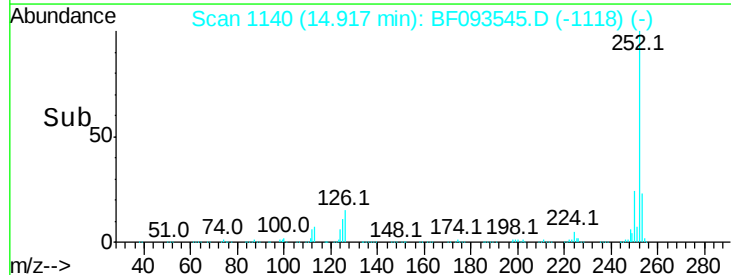
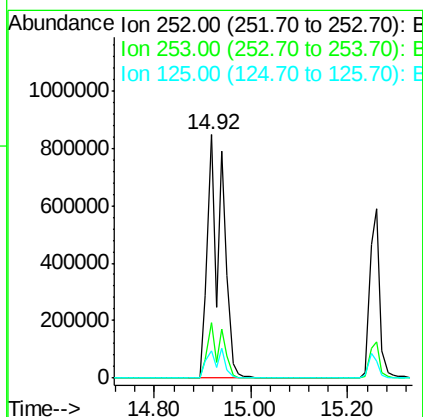
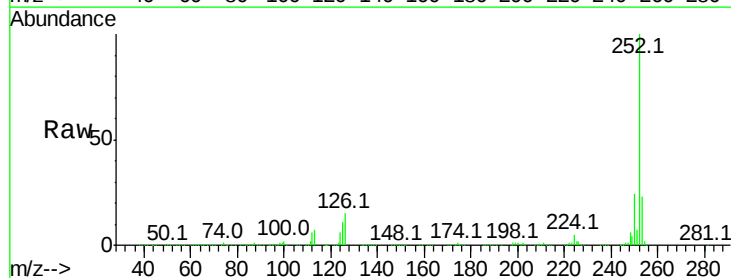
Delta R.T. -0.05 min

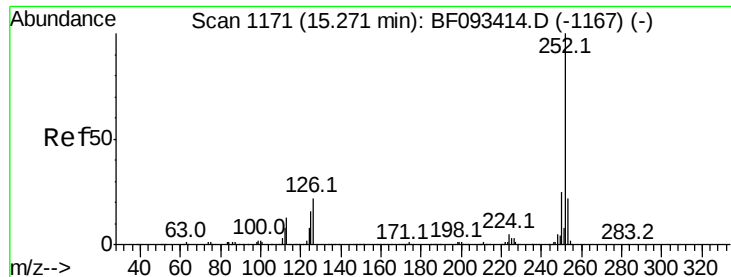
Lab File: BF093545.D

Acq: 11 Mar 2017 2:10

Tgt Ion:252 Resp: 1798896

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.5	27.7
125	11.0	8.9	13.3

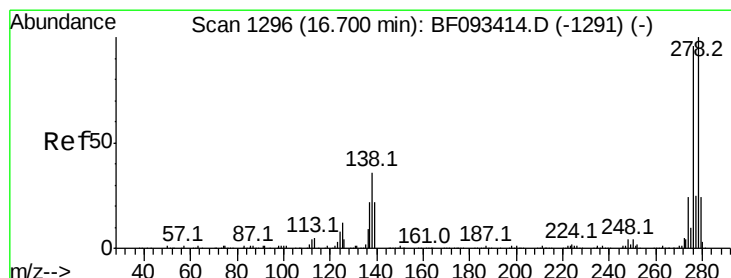
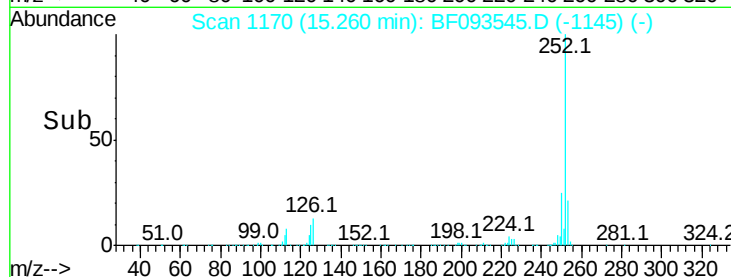
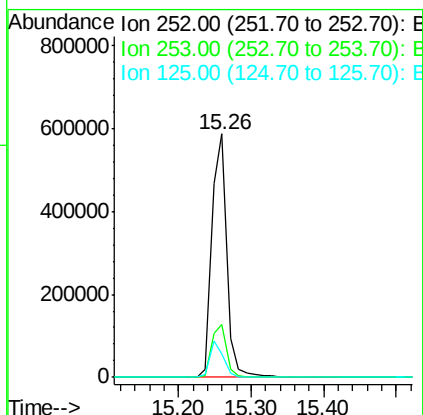
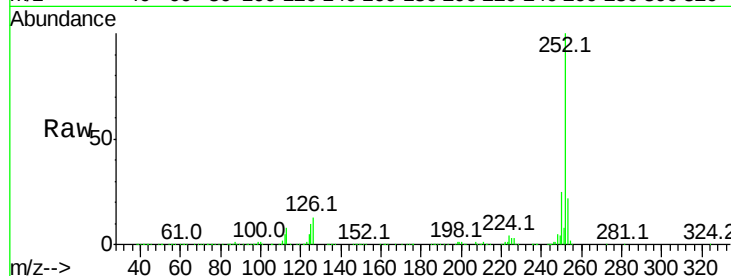




#89
Benzo(a)pyrene
Concen: 40.69 ng
RT: 15.26 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BF093545.D
Acq: 11 Mar 2017 2:10

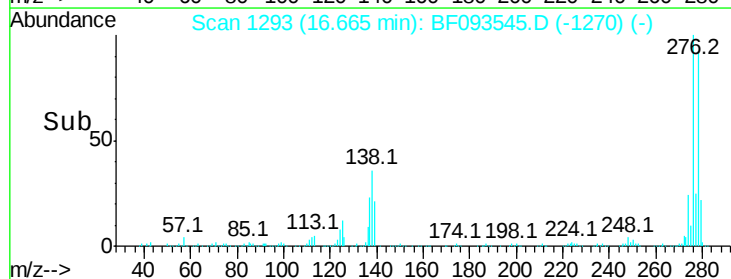
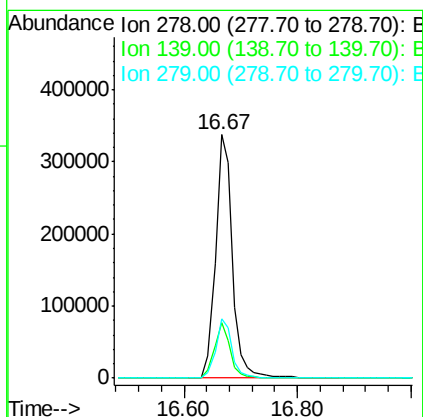
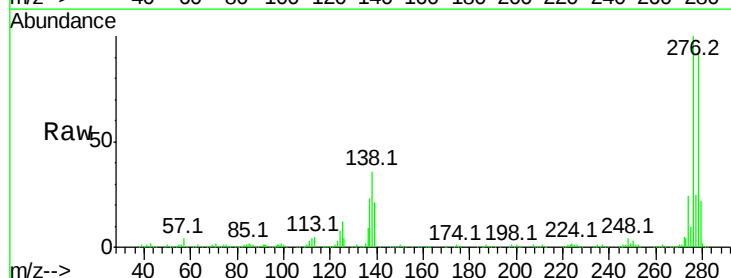
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

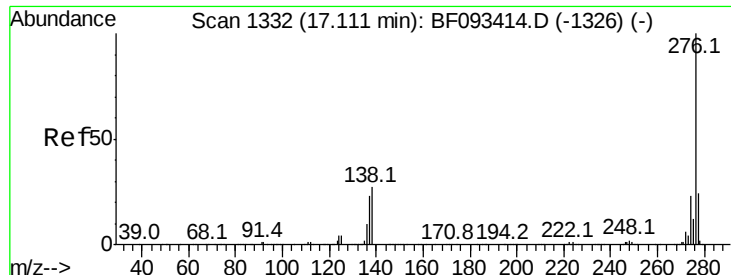
Tot Ion:252 Resp: 832209
Ion Ratio Lower Upper
252 100
253 21.5 18.2 27.2
125 9.9 10.0 15.0#



#90
Dibenzo(a,h)anthracene
Concen: 40.74 ng
RT: 16.67 min Scan# 1293
Delta R.T. -0.03 min
Lab File: BF093545.D
Acq: 11 Mar 2017 2:10

Tgt Ion:278 Resp: 689278
Ion Ratio Lower Upper
278 100
139 23.0 14.8 22.2#
279 24.1 19.8 29.6





#91

Benzo(a,h,i)perylene

Concen: 41.60 ng

RT: 17.08 min Scan# 1329

Delta R.T. -0.03 min

Lab File: BF093545.D

Acq: 11 Mar 2017 2:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

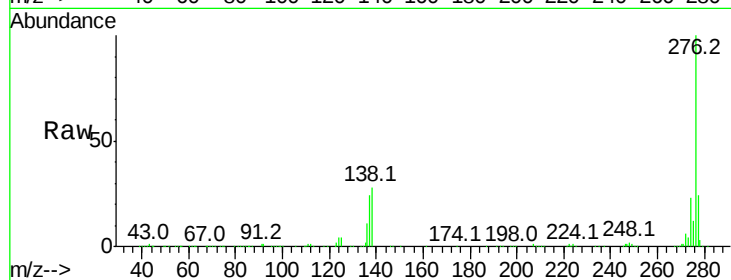
Tot Ion:276 Resp: 722335

Ion Ratio Lower Upper

276 100

277 23.6 19.2 28.8

138 27.8 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

