

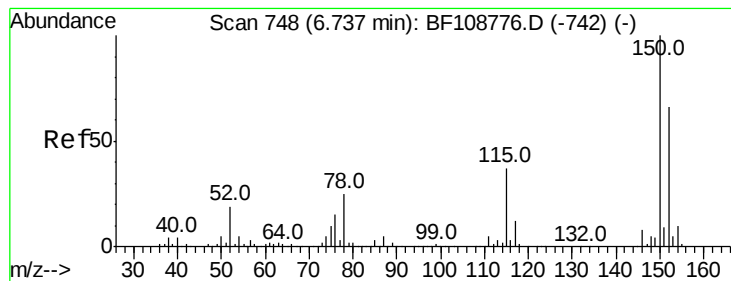
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091118\
 Data File : BF108945.D
 Acq On : 11 Sep 2018 19:44
 Operator : JU/SJ
 Sample : J4724-16
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP1-SUT-4USTS-S

Quant Time: Sep 12 03:35:51 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 05 18:03:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	1843	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	320785	20.00	ng	0.07
38) Acenaphthene-d10	9.77	164	254479	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	402541	20.00	ng	0.00
75) Chrysene-d12	13.87	240	335283	20.00	ng	0.00
86) Perylene-d12	15.28	264	429444	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	591841	5320.04	ng	0.01
7) Phenol-d6	6.39	99	537467	3754.91	ng	0.02
23) Nitrobenzene-d5	7.37	82	70766	13.81	ng	0.07
41) 2,4,6-Tribromophenol	10.55	330	171943	70.78	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	928726	62.26	ng	0.00
78) Terphenyl-d14	12.83	244	689173	47.93	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.43	88	577	10.792	ng	# 53
6) Aniline	6.54	93	47535	246.914	ng	# 1
9) Benzaldehyde	6.23	77	30243	297.826	ng	# 11
10) Phenol	6.28	94	9666	58.959	ng	# 1
11) bis(2-Chloroethyl)ether	6.54	93	54174	412.494	ng	# 1
15) Benzyl Alcohol	6.87	79	40485	368.555	ng	# 23
17) 2-Methylphenol	6.98	107	1779	17.095	ng	# 1
18) Hexachloroethane	7.23	117	298485	5890.923	ng	# 1
19) n-Nitroso-di-n-propylamine	7.23	70	324825	3264.719	ng	# 87
20) 3+4-Methylphenols	7.17	107	57120	468.577	ng	# 1
22) Acetophenone	7.22	105	1945712	267.258	ng	# 50
24) Nitrobenzene	7.36	77	606236	110.226	ng	# 53
25) Isophorone	7.64	82	129998	12.714	ng	# 1
26) 2-Nitrophenol	7.71	139	35431	16.352	ng	# 1
28) bis(2-Chloroethoxy)methane	7.83	93	14826	2.169	ng	# 1
29) 2,4-Dichlorophenol	7.95	162	47824	10.541	ng	# 34
30) 1,2,4-Trichlorobenzene	8.01	180	10546	2.145	ng	# 46
31) Naphthalene	8.12	128	2170002	150.358	ng	# 95
32) Benzoic acid	7.83	122	9111	7.293	ng	# 1
33) 4-Chloroaniline	8.15	127	31061	4.686	ng	# 1
37) 2-Methylnaphthalene	8.84	142	157956	16.567	ng	# 93
49) Dimethylphthalate	9.48	163	289971	16.291	ng	# 99
53) 2,4-Dinitrophenol	10.05	184	369	9.561	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.55	198	456	7.115	ng	# 1
66) 4-Bromophenyl-phenylether	10.55	248	10700	2.353	ng	# 1
73) Di-n-butylphthalate	11.81	149	81123	3.769	ng	# 99
79) Butylbenzylphthalate	13.30	149	23926	2.059	ng	# 89
83) Bis(2-ethylhexyl)phthalate	13.87	149	573015	39.246	ng	# 99
84) Di-n-octyl phthalate	14.48	149	54267	2.229	ng	# 30

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.74 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF108945.D

Acq: 11 Sep 2018 19:44

Instrument :

BNA_F

ClientSampleId :

EP1-SUT-4USTS-S

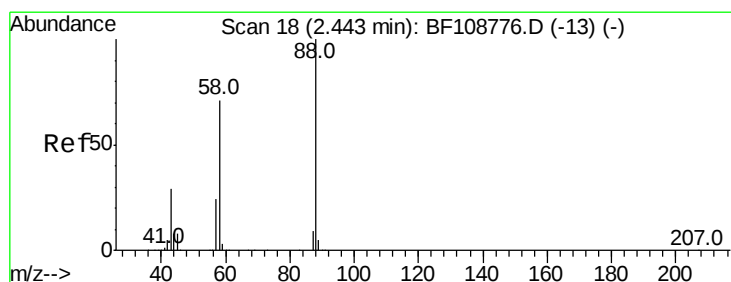
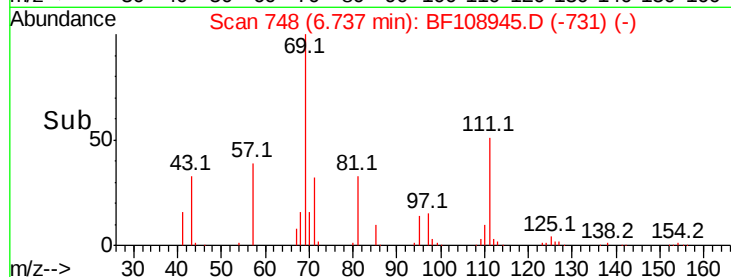
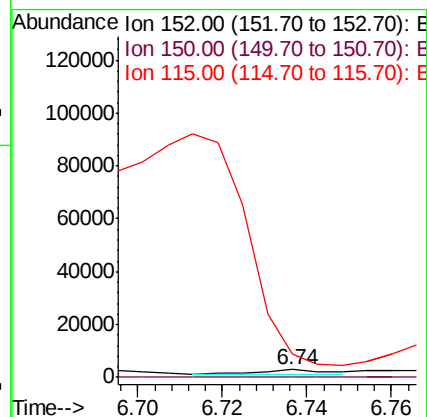
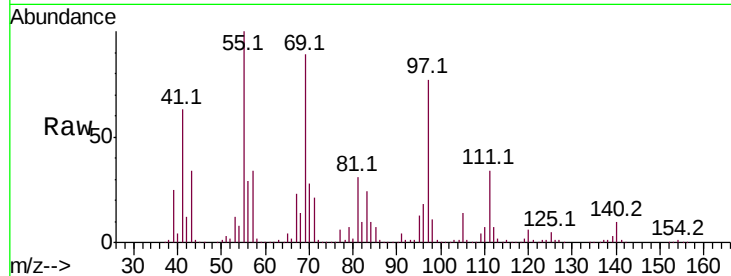
Tot Ion:152 Resp: 1843

Ion Ratio Lower Upper

152 100

150 0.0 124.6 186.8#

115 311.8 50.1 75.1#



#2

1,4-Dioxane

Concen: 10.792 ng

RT: 2.43 min Scan# 16

Delta R.T. -0.01 min

Lab File: BF108945.D

Acq: 11 Sep 2018 19:44

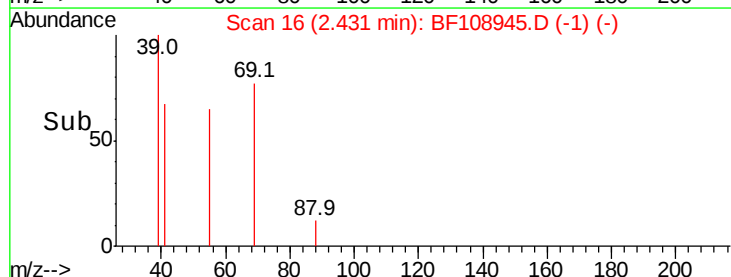
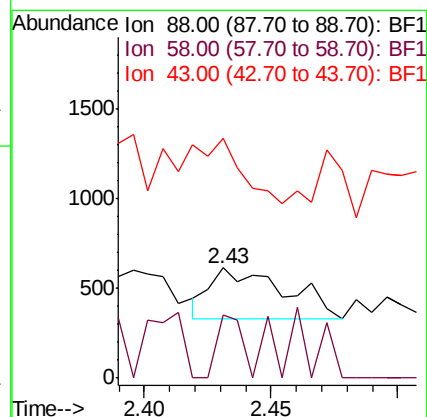
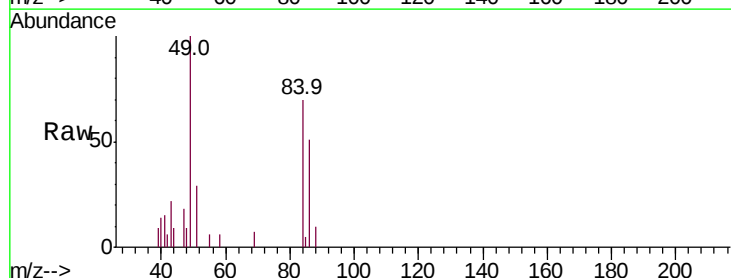
Tgt Ion: 88 Resp: 577

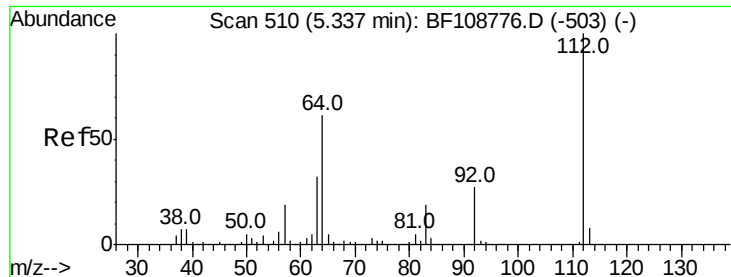
Ion Ratio Lower Upper

88 100

58 40.9 62.6 93.8#

43 0.0 24.6 37.0#





#5

2-Fluorophenol

Concen: 5320.040 ng

RT: 5.35 min Scan# 512

Delta R.T. 0.01 min

Lab File: BF108945.D

Acq: 11 Sep 2018 19:44

Instrument :

BNA_F

ClientSampleId :

EP1-SUT-4USTS-S

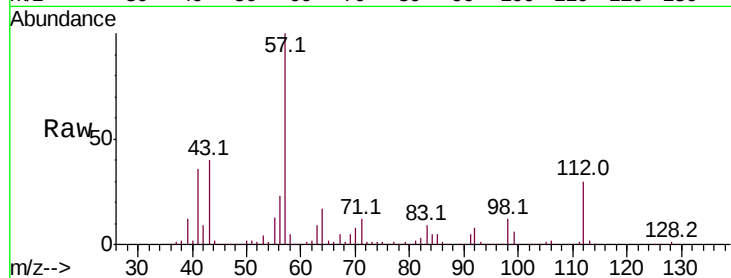
Tot Ion:112 Resp: 591841

Ion Ratio Lower Upper

112 100

64 57.2 47.9 71.9

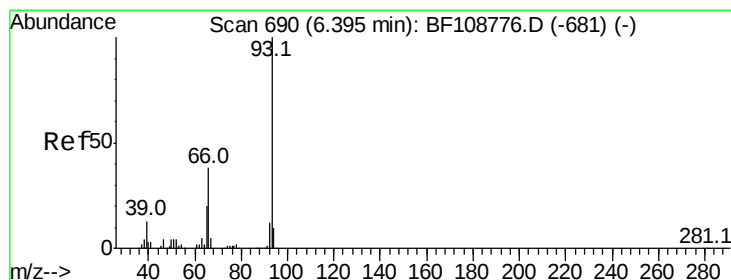
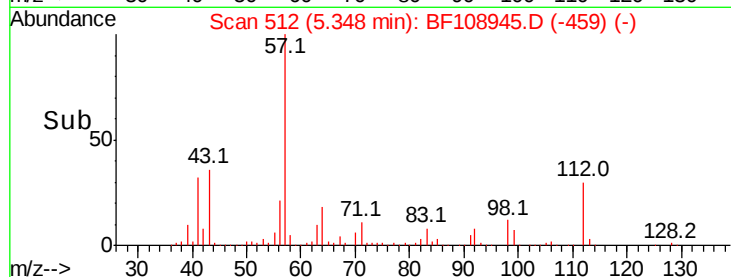
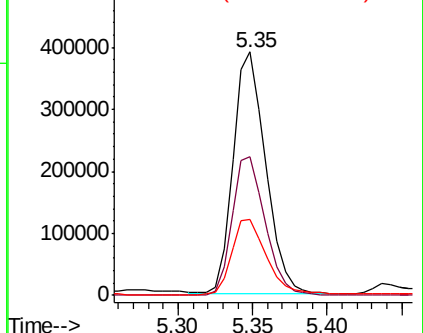
63 31.4 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 246.914 ng

RT: 6.54 min Scan# 715

Delta R.T. 0.15 min

Lab File: BF108945.D

Acq: 11 Sep 2018 19:44

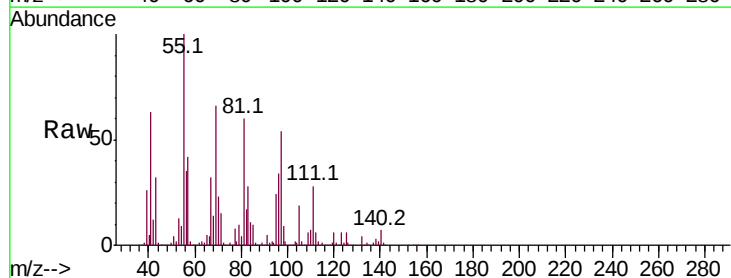
Tgt Ion: 93 Resp: 47535

Ion Ratio Lower Upper

93 100

66 241.4 32.2 48.2#

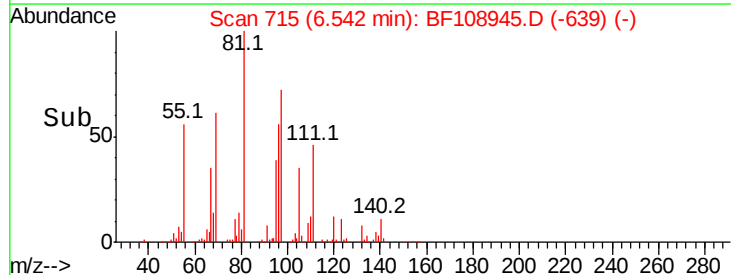
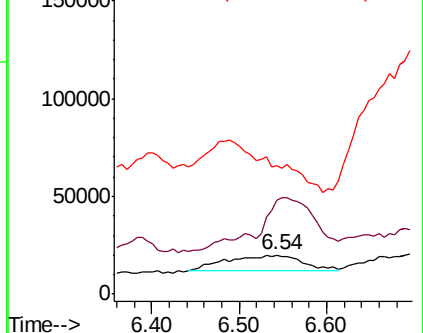
65 329.9 16.4 24.6#

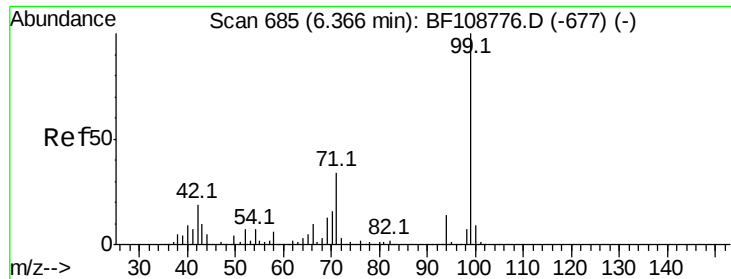


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 3754.909 ng

RT: 6.39 min Scan# 689

Delta R.T. 0.02 min

Lab File: BF108945.D

Acq: 11 Sep 2018 19:44

Instrument :

BNA_F

ClientSampleId :

EP1-SUT-4USTS-S

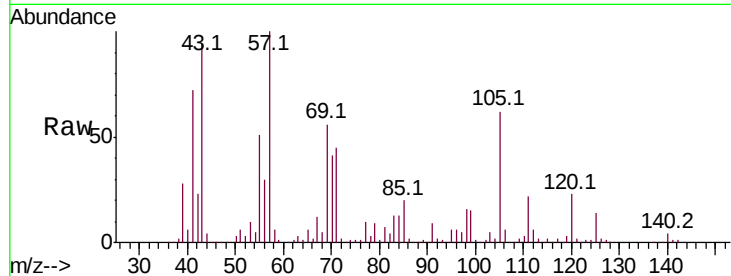
Tot Ion: 99 Resp: 537467

Ion Ratio Lower Upper

99 100

42 146.7 14.5 21.7#

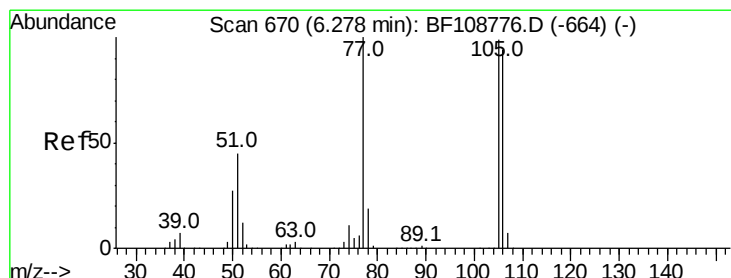
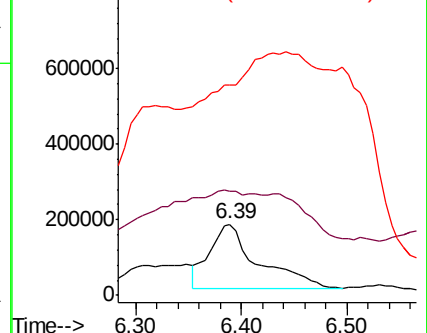
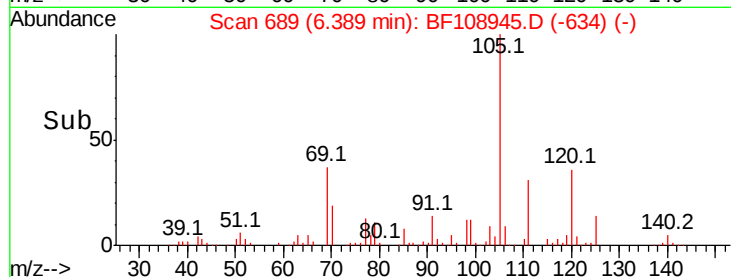
71 293.9 25.4 38.0#



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#9

Benzaldehyde

Concen: 297.826 ng

RT: 6.23 min Scan# 662

Delta R.T. -0.05 min

Lab File: BF108945.D

Acq: 11 Sep 2018 19:44

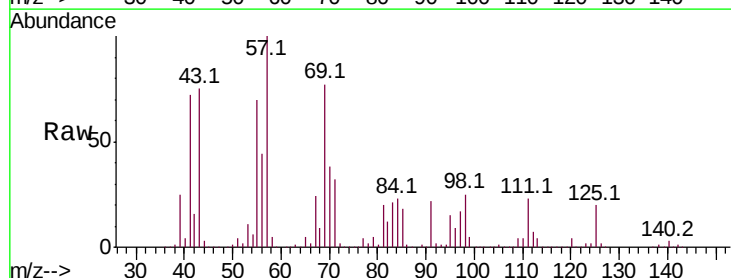
Tgt Ion: 77 Resp: 30243

Ion Ratio Lower Upper

77 100

105 18.3 81.1 121.1#

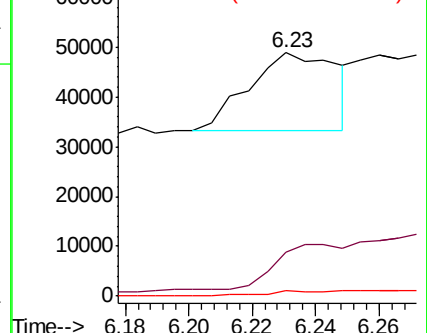
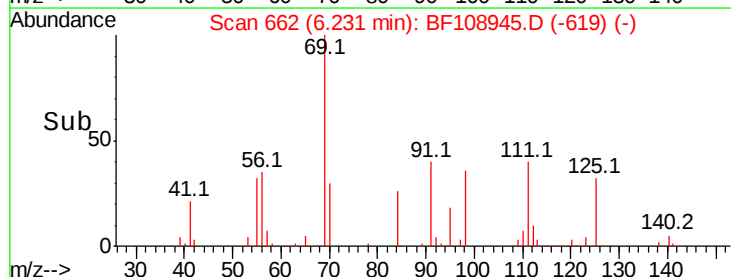
106 2.1 74.5 114.5#

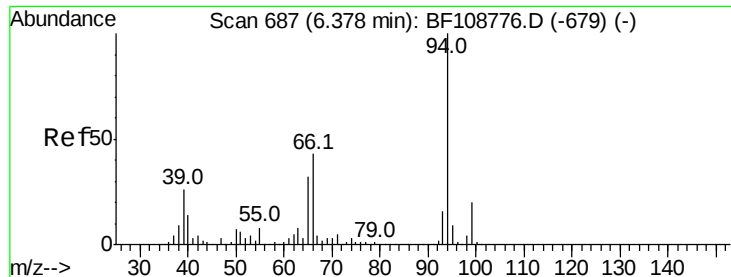


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 58.959 ng

RT: 6.28 min Scan# 671

Delta R.T. -0.09 min

Lab File: BF108945.D

Acq: 11 Sep 2018 19:44

Instrument :

BNA_F

ClientSampleId :

EP1-SUT-4USTS-S

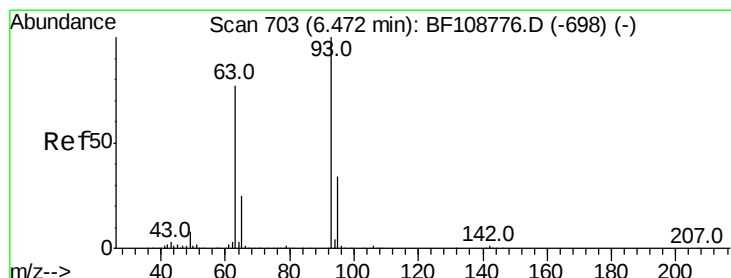
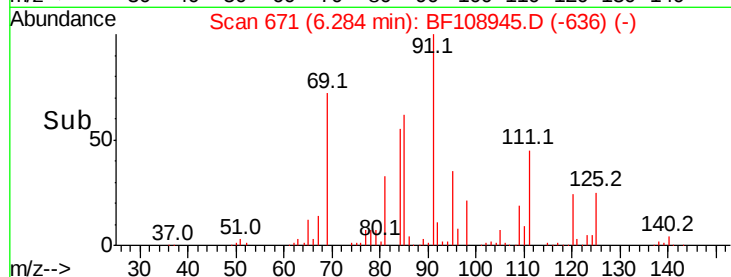
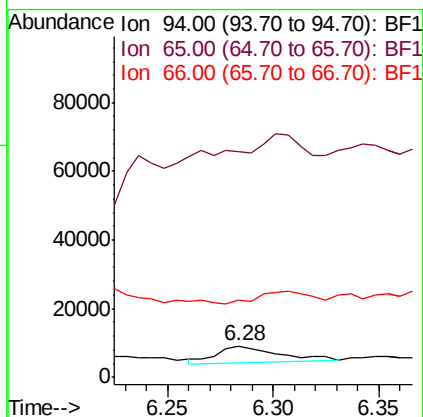
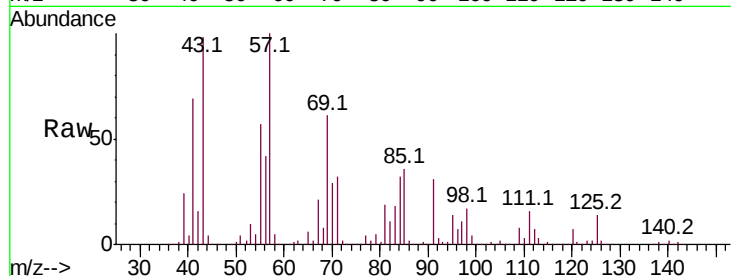
Tot Ion: 94 Resp: 9666

Ion Ratio Lower Upper

94 100

65 722.1 7.9 47.9#

66 247.2 16.2 56.2#



#11

bis(2-Chloroethyl)ether

Concen: 412.494 ng

RT: 6.54 min Scan# 715

Delta R.T. 0.07 min

Lab File: BF108945.D

Acq: 11 Sep 2018 19:44

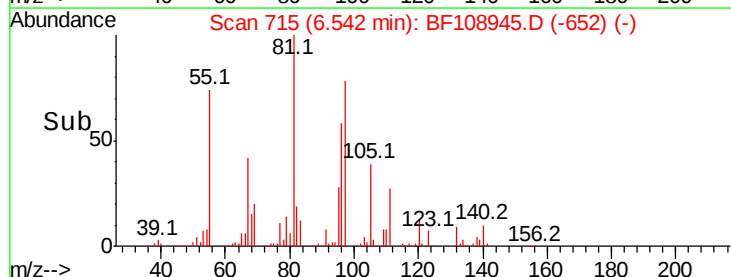
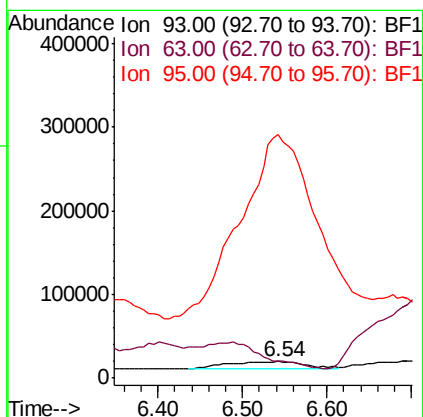
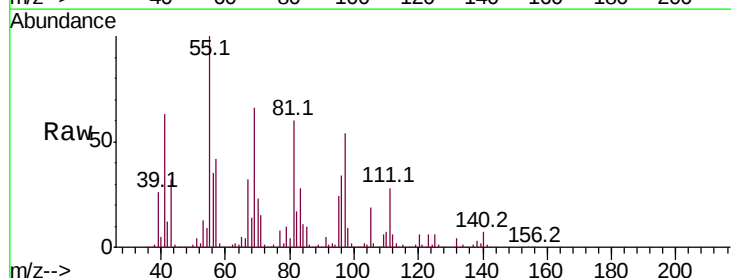
Tgt Ion: 93 Resp: 54174

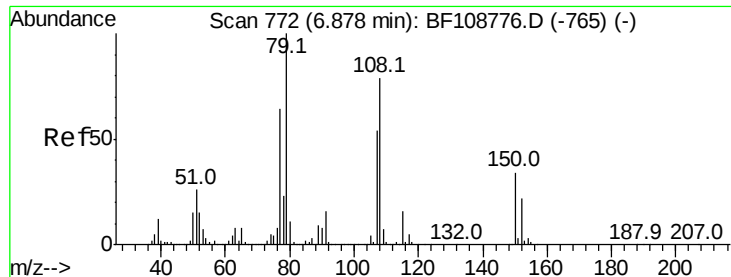
Ion Ratio Lower Upper

93 100

63 102.7 58.6 98.6#

95 1466.8 11.8 51.8#





#15

Benzyl Alcohol

Concen: 368.555 ng

RT: 6.87 min Scan# 771

Delta R.T. -0.01 min

Lab File: BF108945.D

Acq: 11 Sep 2018 19:44

Instrument :

BNA_F

ClientSampleId :

EP1-SUT-4USTS-S

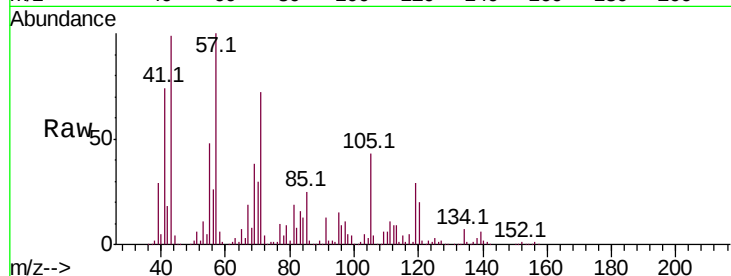
Tot Ion: 79 Resp: 40485

Ion Ratio Lower Upper

79 100

108 3.9 65.1 97.7#

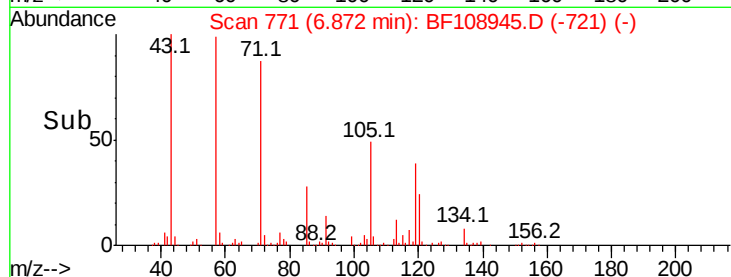
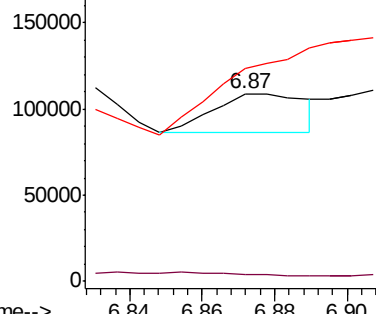
77 113.5 50.6 75.8#



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#17

2-Methylphenol

Concen: 17.095 ng

RT: 6.98 min Scan# 789

Delta R.T. -0.01 min

Lab File: BF108945.D

Acq: 11 Sep 2018 19:44

Tgt Ion: 107 Resp: 1779

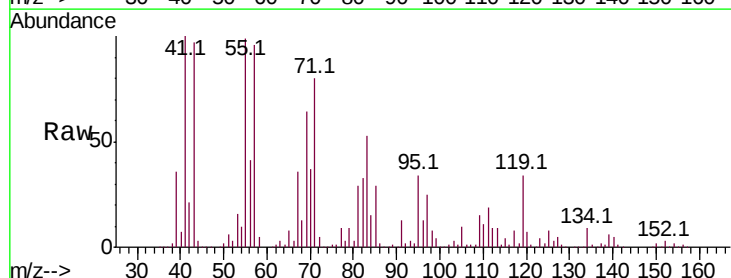
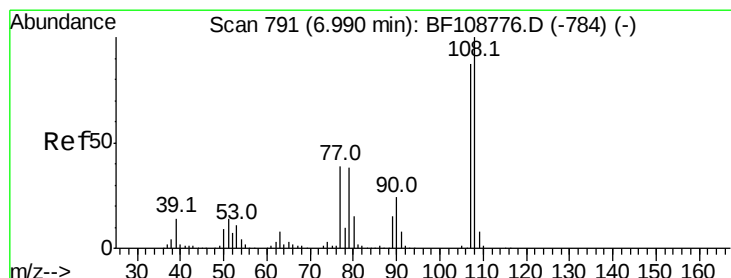
Ion Ratio Lower Upper

107 100

108 178.2 91.7 137.5#

77 1864.2 33.8 50.8#

79 1850.2 33.8 50.8#

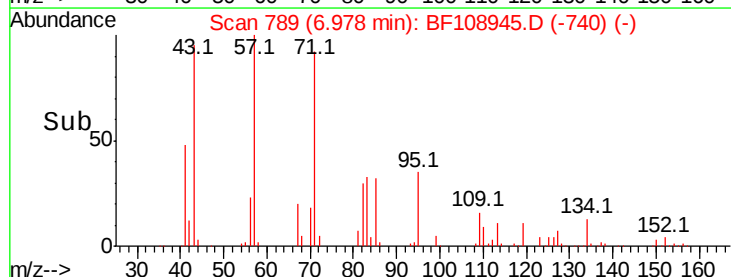
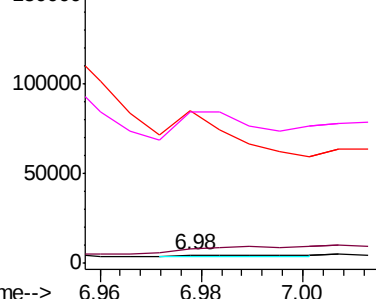


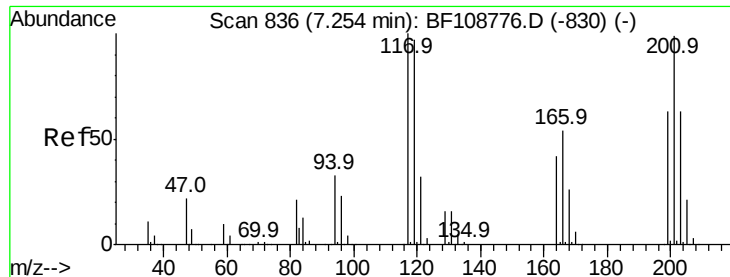
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

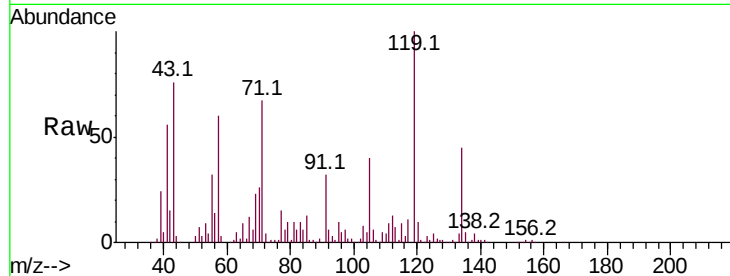




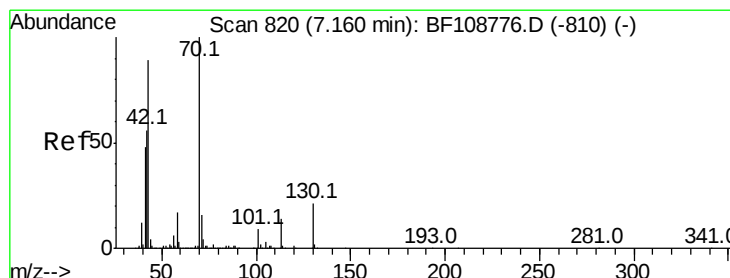
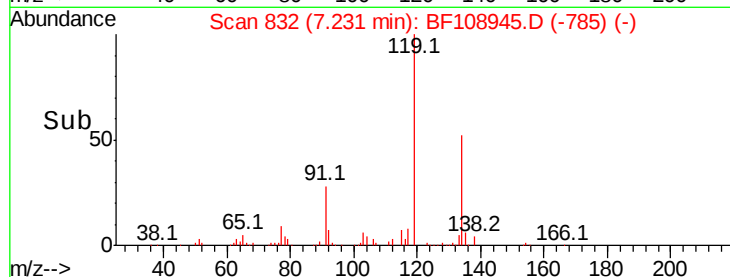
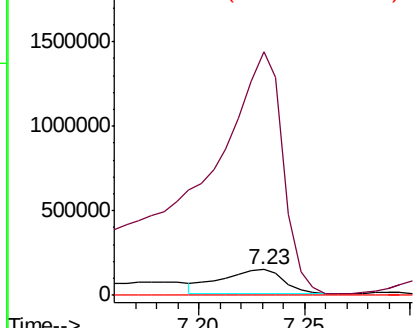
#18
Hexachloroethane
Concen: 5890.923 ng
RT: 7.23 min Scan# 832
Delta R.T. -0.02 min
Lab File: BF108945.D
Acq: 11 Sep 2018 19:44

Instrument :
BNA_F
ClientSampleId :
EP1-SUT-4USTS-S

Tot Ion:117 Resp: 298485
Ion Ratio Lower Upper
117 100
119 947.5 75.8 113.8#
201 0.0 75.7 113.5#

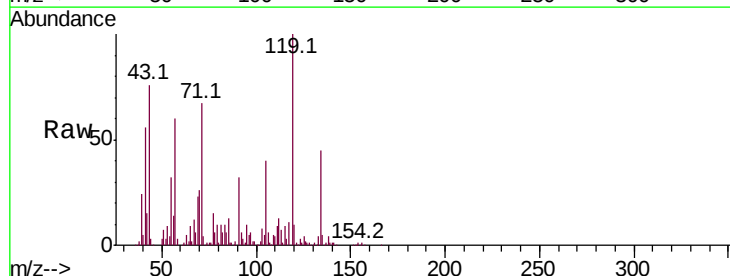


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

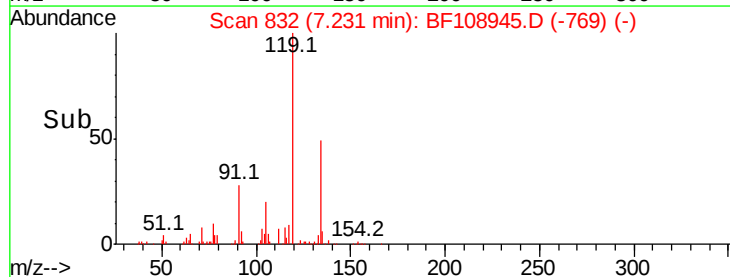
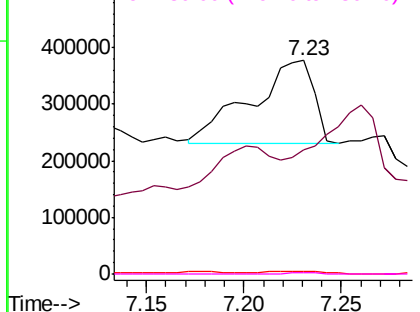


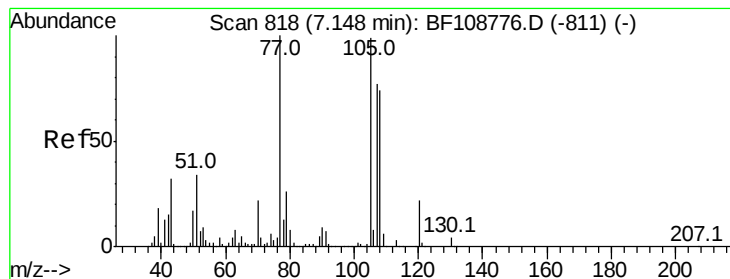
#19
n-Nitroso-di-n-propylamine
Concen: 3264.719 ng
RT: 7.23 min Scan# 832
Delta R.T. 0.07 min
Lab File: BF108945.D
Acq: 11 Sep 2018 19:44

Tgt Ion: 70 Resp: 324825
Ion Ratio Lower Upper
70 100
42 58.4 47.5 71.3
101 1.1 7.4 11.2#
130 0.4 16.6 25.0#



Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E





#20

3+4-Methylphenols

Concen: 468.577 ng

RT: 7.17 min Scan# 821

Delta R.T. 0.02 min

Lab File: BF108945.D

Acq: 11 Sep 2018 19:44

Instrument :

BNA_F

ClientSampleId :

EP1-SUT-4USTS-S

Tot Ion:107 Resp: 57120

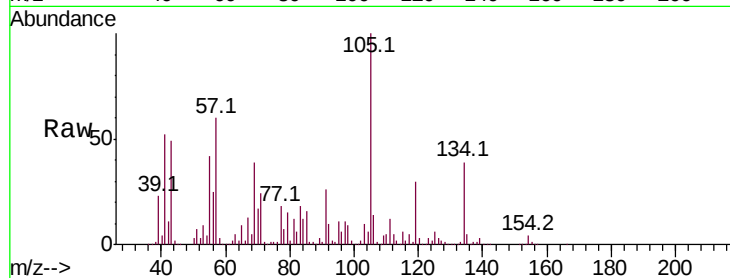
Ion Ratio Lower Upper

107 100

108 24.8 68.2 108.2#

77 1768.5 26.7 66.7#

79 1451.4 6.3 46.3#



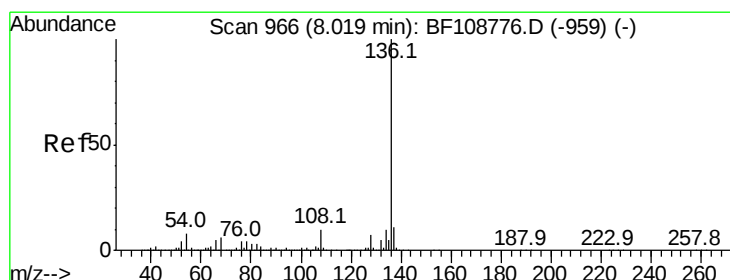
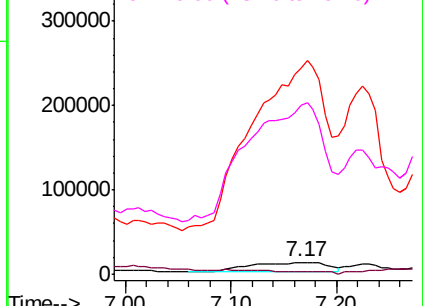
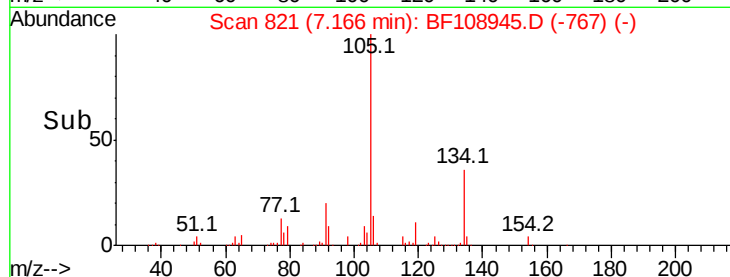
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 978

Delta R.T. 0.07 min

Lab File: BF108945.D

Acq: 11 Sep 2018 19:44

Tgt Ion:136 Resp: 320785

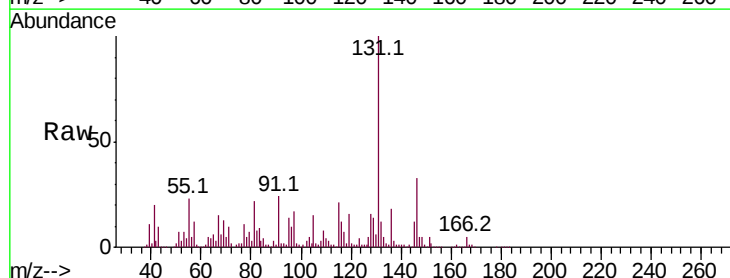
Ion Ratio Lower Upper

136 100

137 18.1 8.9 13.3#

54 24.0 6.6 9.8#

68 32.3 5.0 7.4#



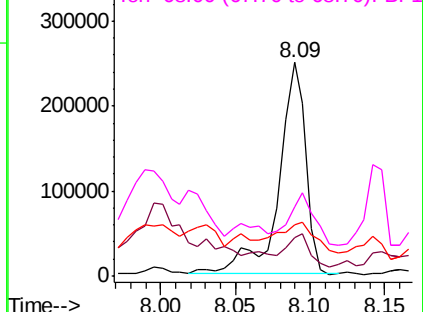
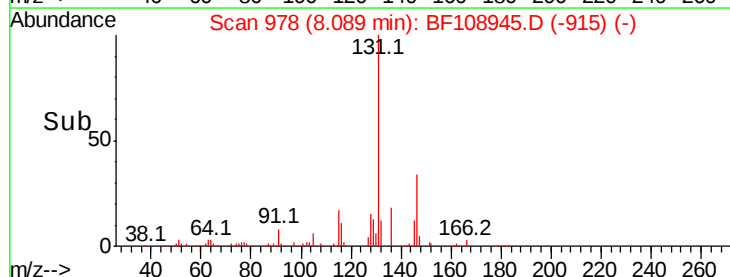
Abundance

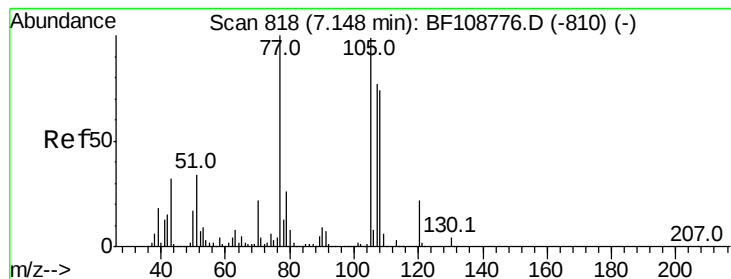
Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1





#22

Acetophenone

Concen: 267.258 ng

RT: 7.22 min Scan# 830

Delta R.T. 0.07 min

Lab File: BF108945.D

Acq: 11 Sep 2018 19:44

Instrument :

BNA_F

ClientSampleId :

EP1-SUT-4USTS-S

Tot Ion:105 Resp: 1945712

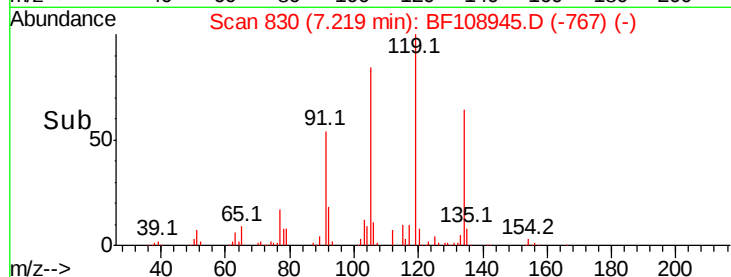
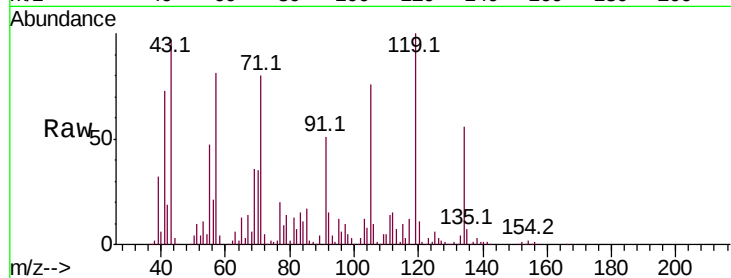
Ion Ratio Lower Upper

105 100

71 105.2 4.4 6.6#

51 13.4 22.3 33.5#

120 13.7 16.9 25.3#

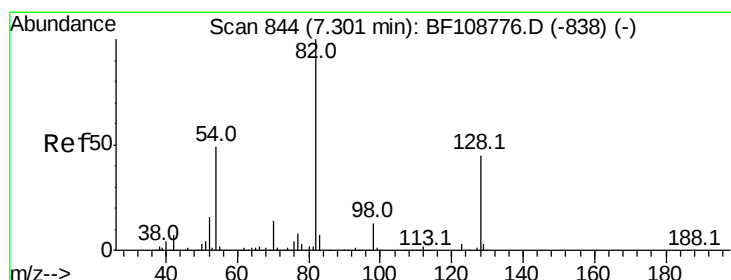
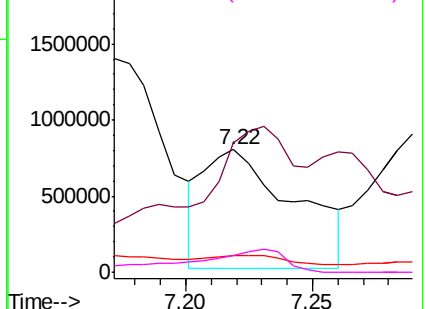


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 13.806 ng

RT: 7.37 min Scan# 856

Delta R.T. 0.07 min

Lab File: BF108945.D

Acq: 11 Sep 2018 19:44

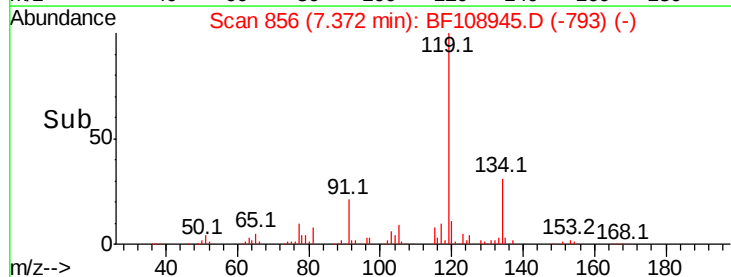
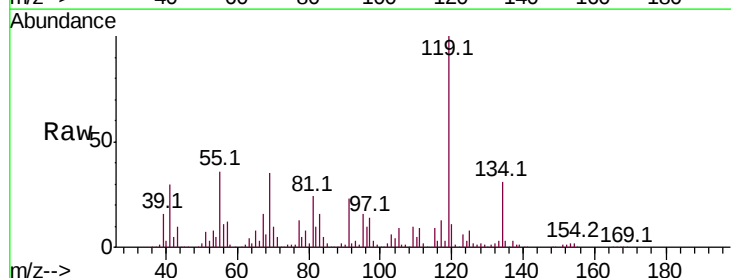
Tgt Ion: 82 Resp: 70766

Ion Ratio Lower Upper

82 100

128 20.3 36.1 54.1#

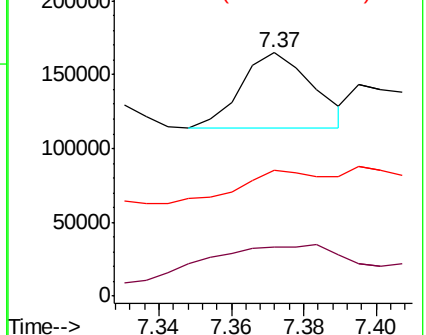
54 51.6 41.4 62.2

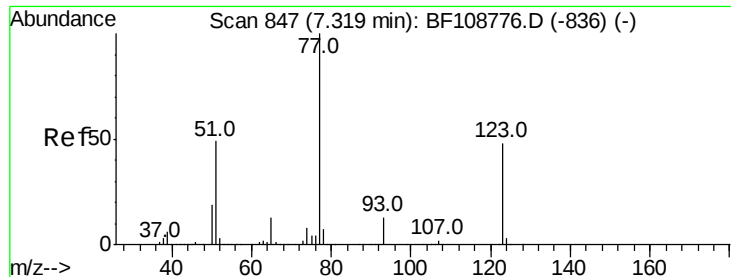


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

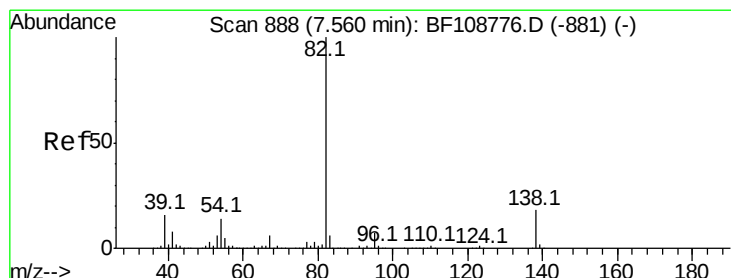
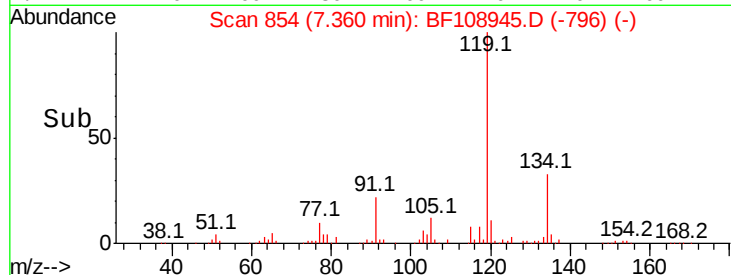
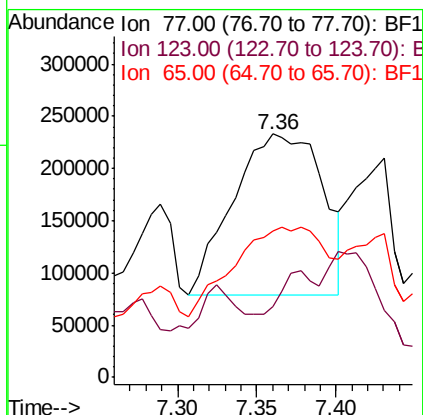
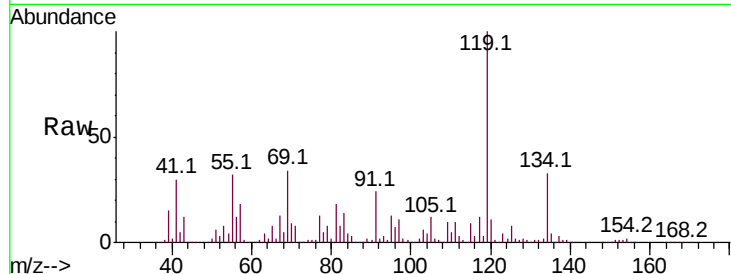




#24
Nitrobenzene
Concen: 110.226 ng
RT: 7.36 min Scan# 854
Delta R.T. 0.04 min
Lab File: BF108945.D
Acq: 11 Sep 2018 19:44

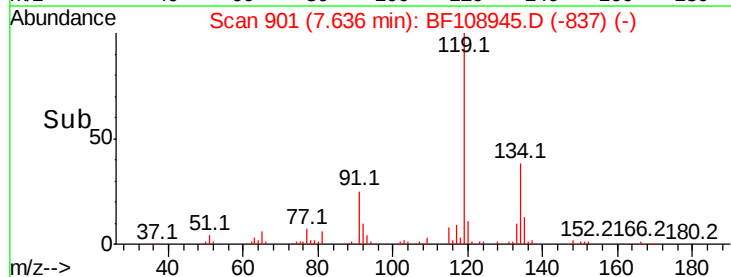
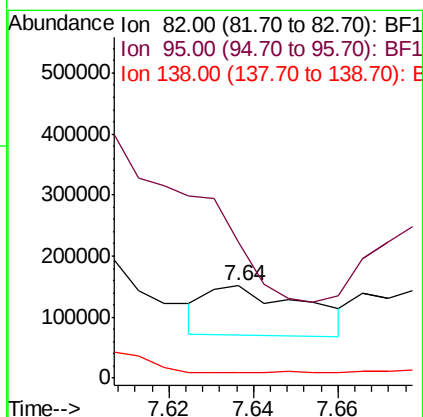
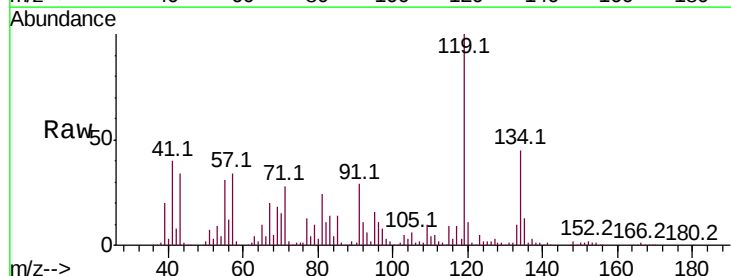
Instrument :
BNA_F
ClientSampleId :
EP1-SUT-4USTS-S

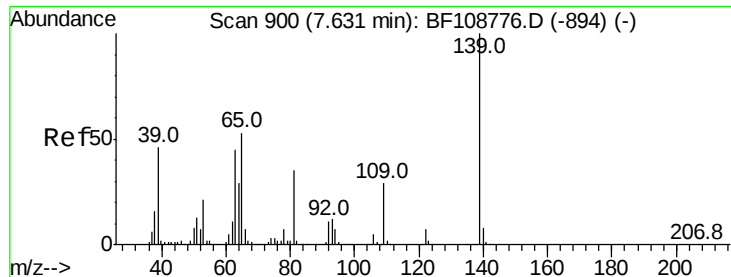
Tot Ion: 77 Resp: 606236
Ion Ratio Lower Upper
77 100
123 29.0 37.9 56.9#
65 60.2 11.0 16.4#



#25
Isophorone
Concen: 12.714 ng
RT: 7.64 min Scan# 901
Delta R.T. 0.08 min
Lab File: BF108945.D
Acq: 11 Sep 2018 19:44

Tgt Ion: 82 Resp: 129998
Ion Ratio Lower Upper
82 100
95 146.9 5.2 7.8#
138 5.8 14.9 22.3#

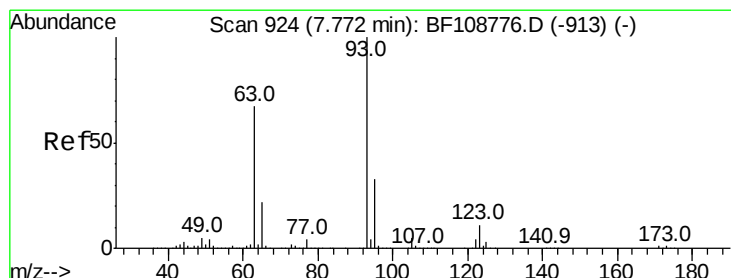
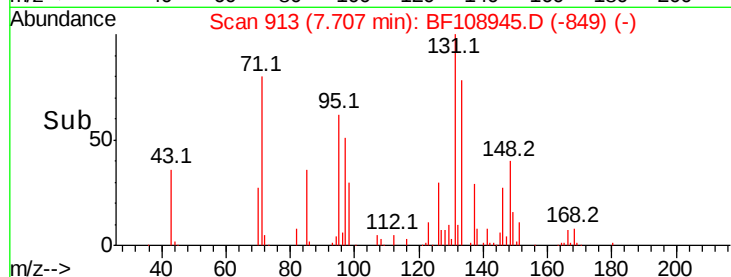
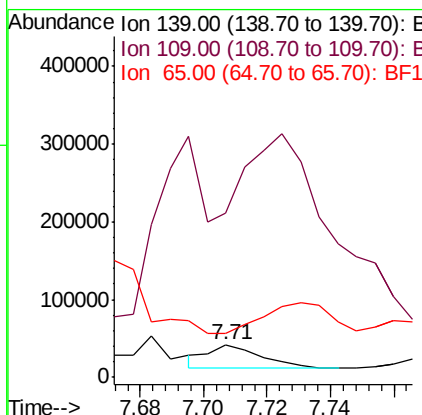
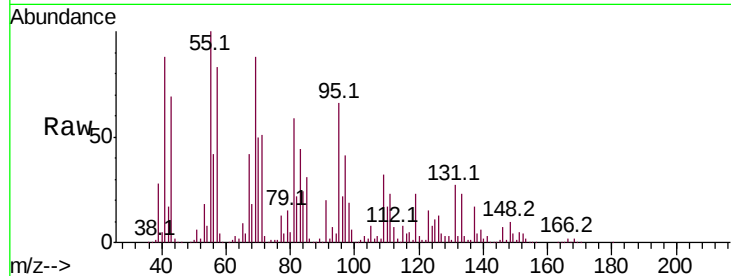




#26
2-Nitrophenol
Concen: 16.352 ng
RT: 7.71 min Scan# 913
Delta R.T. 0.08 min
Lab File: BF108945.D
Acq: 11 Sep 2018 19:44

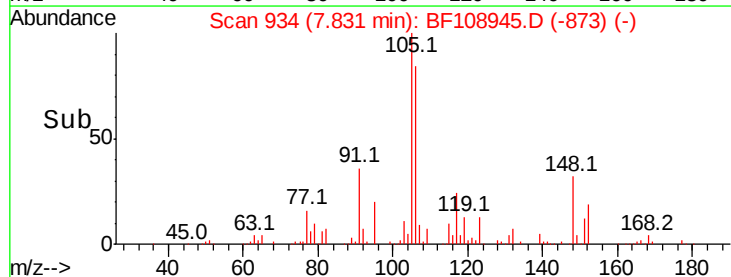
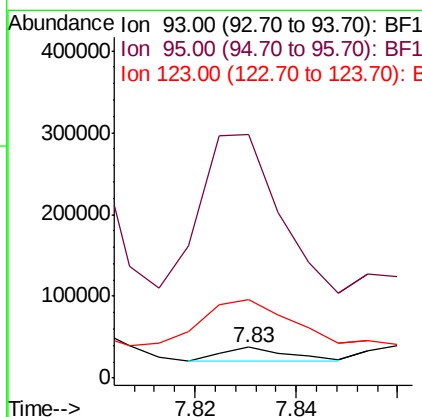
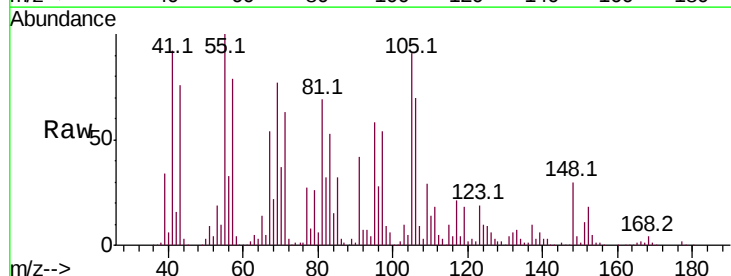
Instrument :
BNA_F
ClientSampleId :
EP1-SUT-4USTS-S

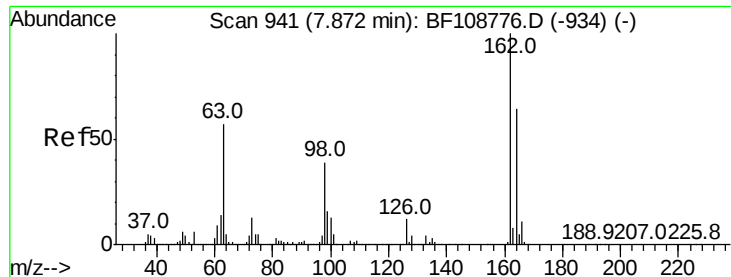
Tot Ion:139 Resp: 35431
Ion Ratio Lower Upper
139 100
109 502.9 22.7 34.1#
65 133.1 40.5 60.7#



#28
bis(2-Chloroethoxy)methane
Concen: 2.169 ng
RT: 7.83 min Scan# 934
Delta R.T. 0.06 min
Lab File: BF108945.D
Acq: 11 Sep 2018 19:44

Tgt Ion: 93 Resp: 14826
Ion Ratio Lower Upper
93 100
95 791.0 26.3 39.5#
123 255.7 9.8 14.6#





#29

2,4-Dichlorophenol

Concen: 10.541 ng

RT: 7.95 min Scan# 955

Delta R.T. 0.08 min

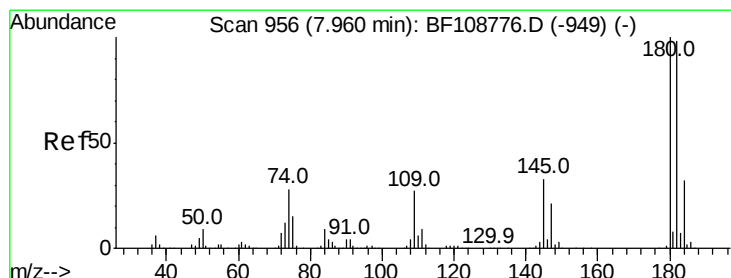
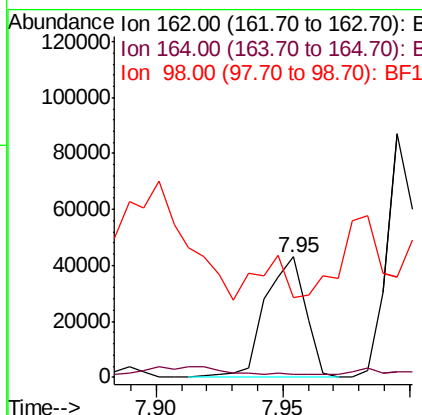
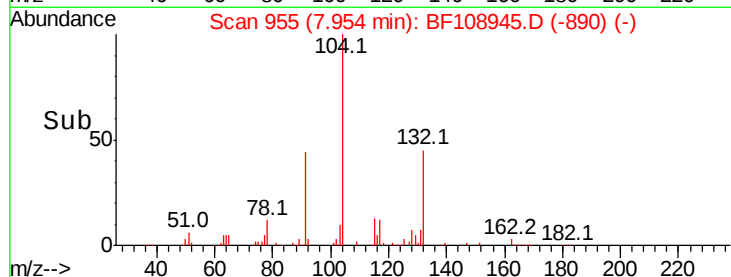
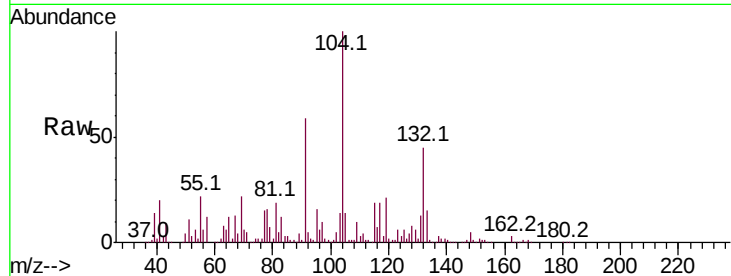
Lab File: BF108945.D

Acq: 11 Sep 2018 19:44

Instrument :
BNA_F
ClientSampleId :
EP1-SUT-4USTS-S

Tot Ion:162 Resp: 47824

Ion	Ratio	Lower	Upper
162	100		
164	2.5	42.7	82.7#
98	65.9	18.1	58.1#



#30

1,2,4-Trichlorobenzene

Concen: 2.145 ng

RT: 8.01 min Scan# 964

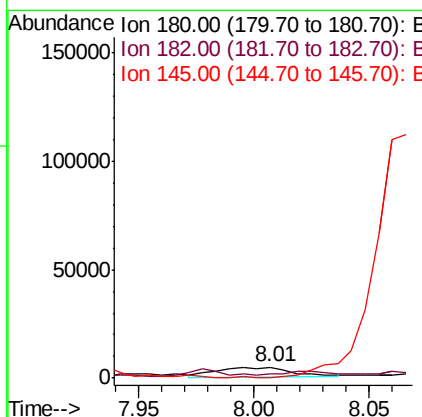
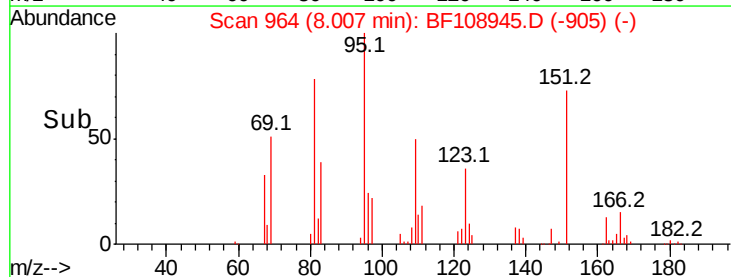
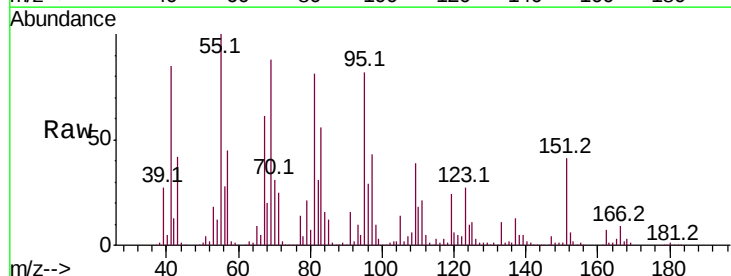
Delta R.T. 0.05 min

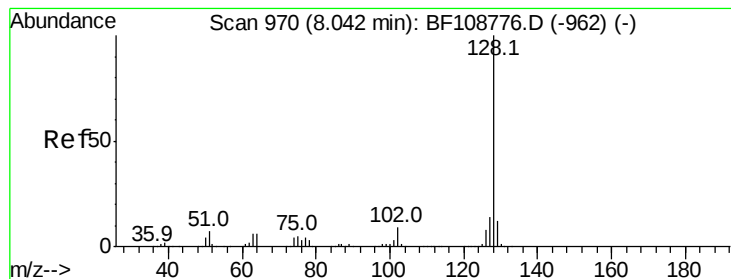
Lab File: BF108945.D

Acq: 11 Sep 2018 19:44

Tgt Ion:180 Resp: 10546

Ion	Ratio	Lower	Upper
180	100		
182	41.2	76.8	115.2#
145	6.7	26.5	39.7#





#31

Naphthalene

Concen: 150.358 ng

RT: 8.12 min Scan# 983

Delta R.T. 0.08 min

Lab File: BF108945.D

Acq: 11 Sep 2018 19:44

Instrument :

BNA_F

ClientSampleId :

EP1-SUT-4USTS-S

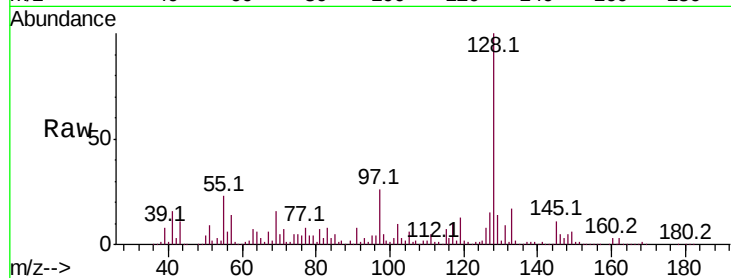
Tot Ion:128 Resp: 2170002

Ion Ratio Lower Upper

128 100

129 13.6 8.8 13.2#

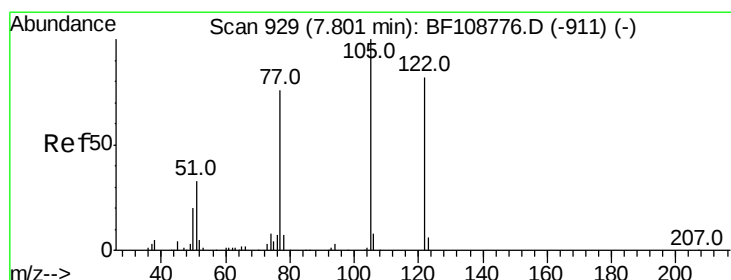
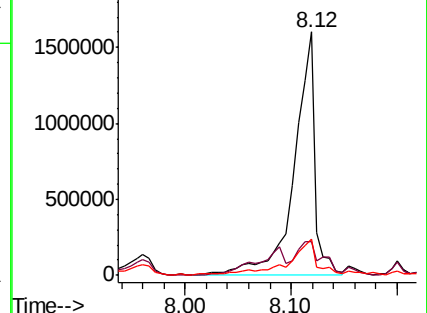
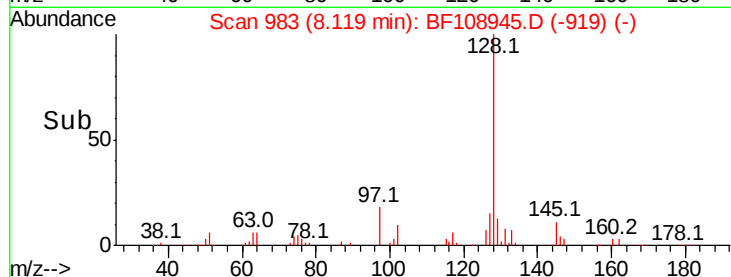
127 15.0 10.9 16.3



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: 7.293 ng

RT: 7.83 min Scan# 934

Delta R.T. 0.03 min

Lab File: BF108945.D

Acq: 11 Sep 2018 19:44

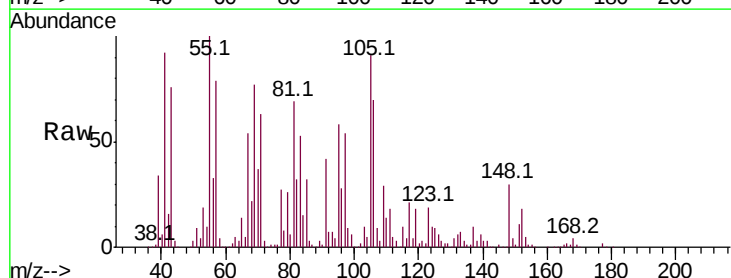
Tgt Ion:122 Resp: 9111

Ion Ratio Lower Upper

122 100

105 4431.3 101.1 141.1#

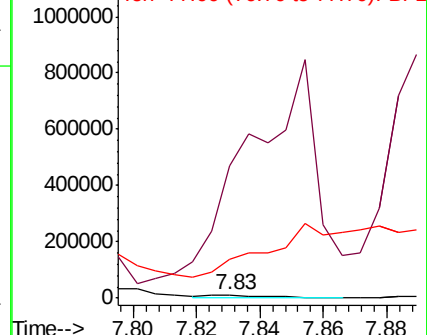
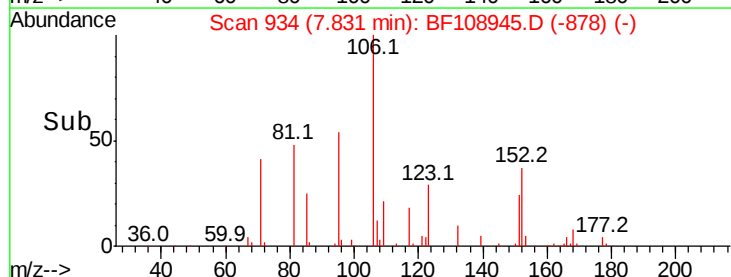
77 1296.1 70.7 110.7#

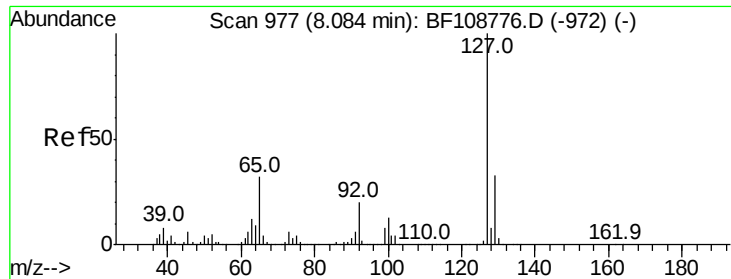


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

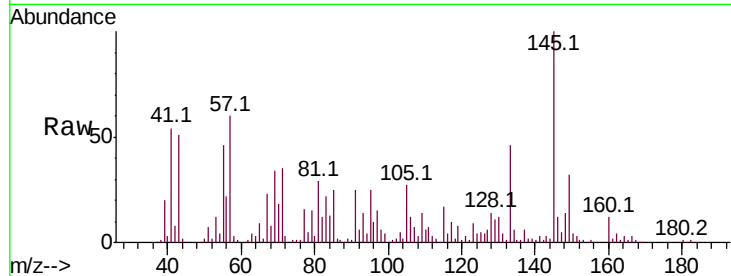




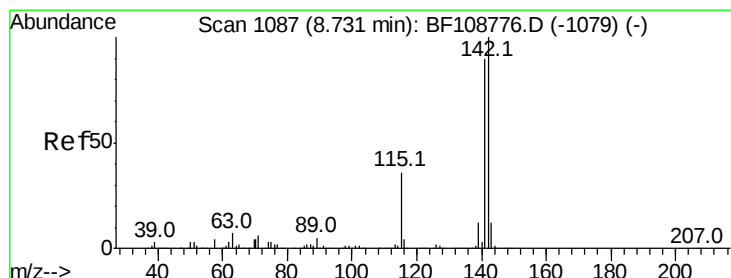
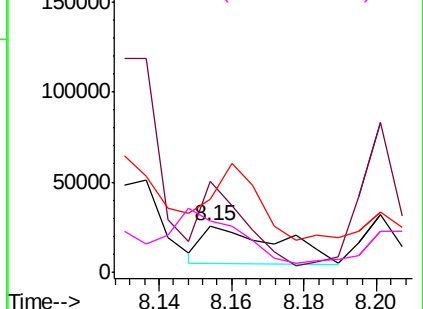
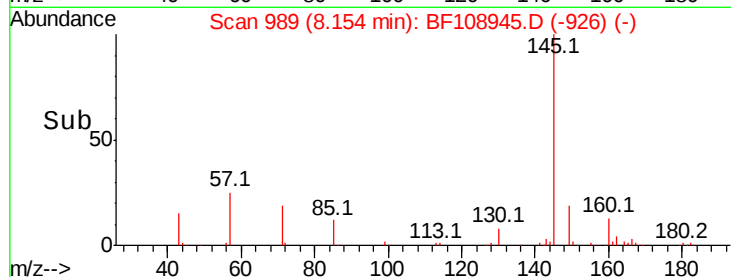
#33
4-Chloroaniline
Concen: 4.686 ng
RT: 8.15 min Scan# 989
Delta R.T. 0.07 min
Lab File: BF108945.D
Acq: 11 Sep 2018 19:44

Instrument :
BNA_F
ClientSampleId :
EP1-SUT-4USTS-S

Tot Ion:127 Resp: 31061
Ion Ratio Lower Upper
127 100
129 195.4 25.9 38.9#
65 155.9 25.0 37.4#
92 110.0 15.2 22.8#

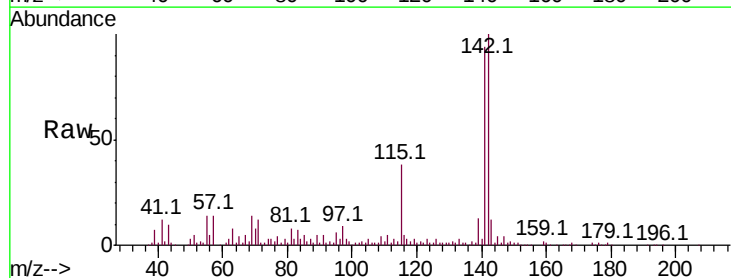


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

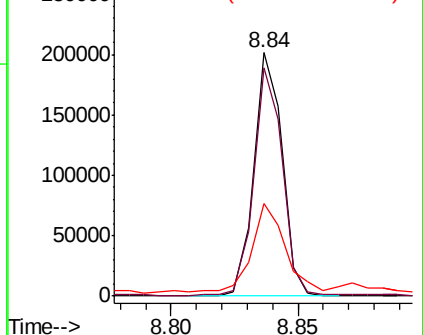
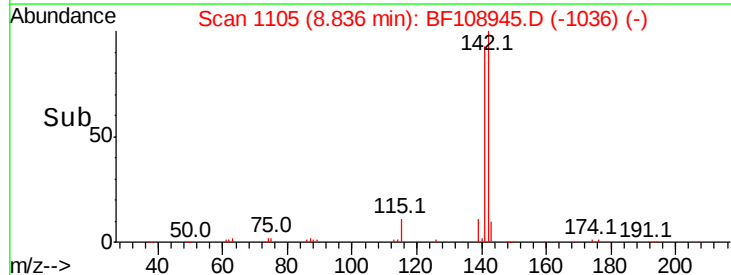


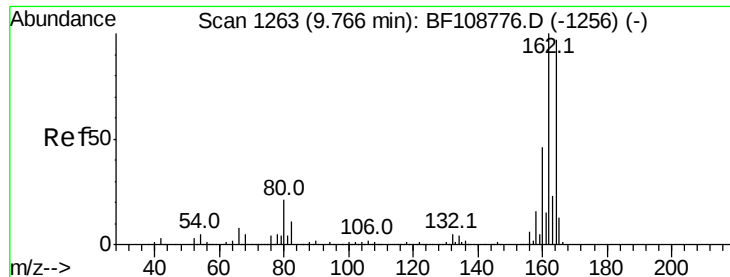
#37
2-Methylnaphthalene
Concen: 16.567 ng
RT: 8.84 min Scan# 1105
Delta R.T. 0.11 min
Lab File: BF108945.D
Acq: 11 Sep 2018 19:44

Tgt Ion:142 Resp: 157956
Ion Ratio Lower Upper
142 100
141 93.7 70.8 106.2
115 38.2 26.1 39.1



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: 20.000 ng

RT: 9.77 min Scan# 1263

Delta R.T. -0.00 min

Lab File: BF108945.D

Acq: 11 Sep 2018 19:44

Instrument :

BNA_F

ClientSampleId :

EP1-SUT-4USTS-S

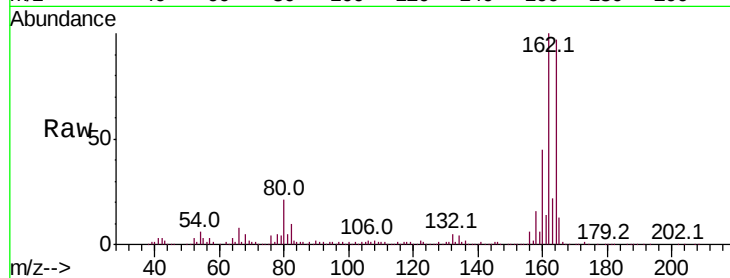
Tot Ion:164 Resp: 254479

Ion Ratio Lower Upper

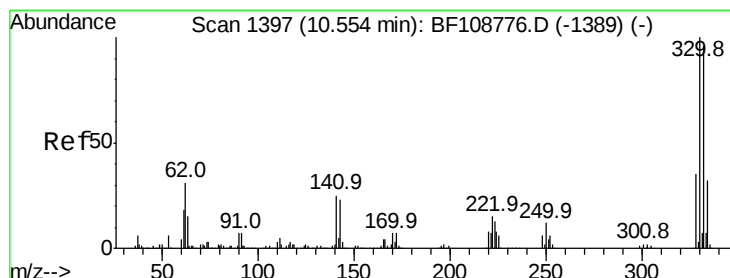
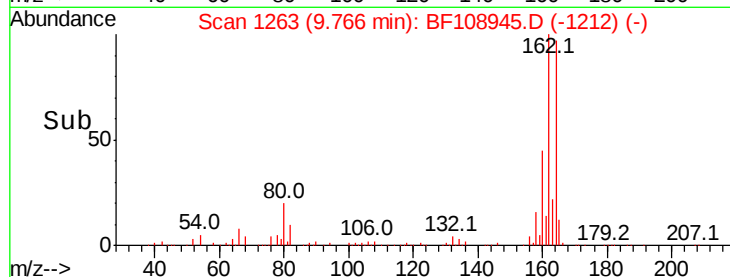
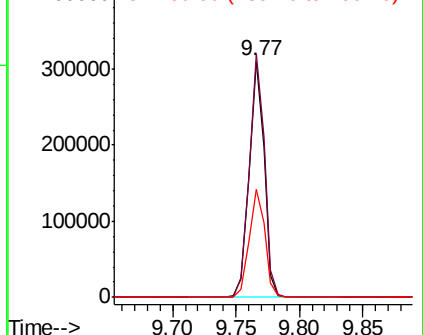
164 100

162 103.1 86.1 129.1

160 45.9 38.3 57.5



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



#41

2,4,6-Tribromophenol

Concen: 70.776 ng

RT: 10.55 min Scan# 1396

Delta R.T. -0.01 min

Lab File: BF108945.D

Acq: 11 Sep 2018 19:44

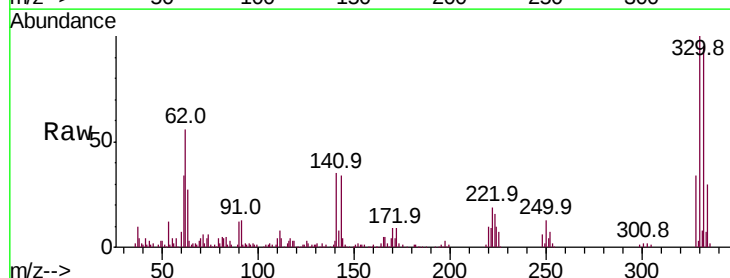
Tgt Ion:330 Resp: 171943

Ion Ratio Lower Upper

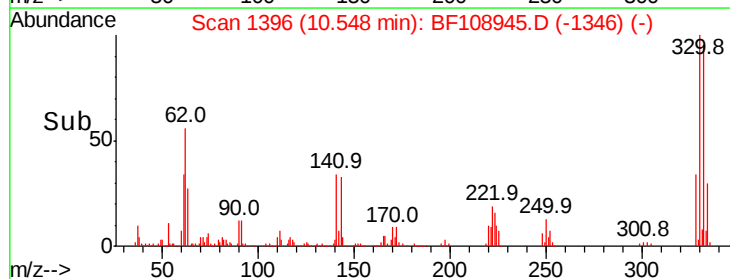
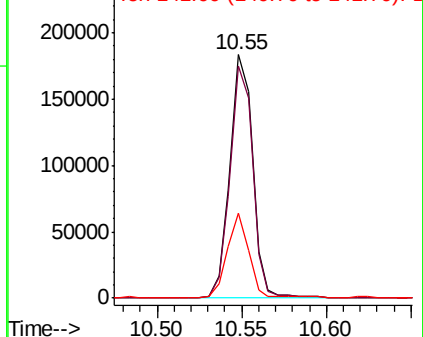
330 100

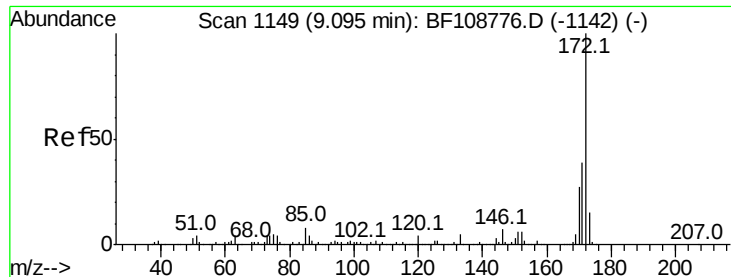
332 96.2 77.0 115.6

141 32.5 29.9 44.9



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

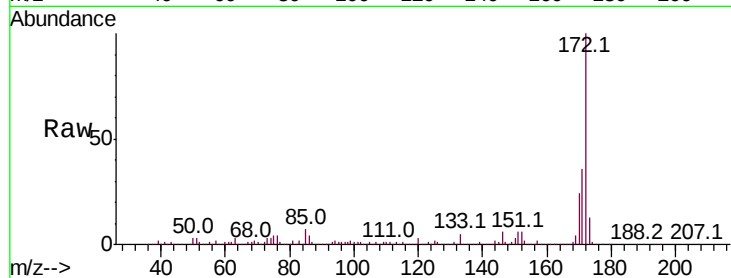




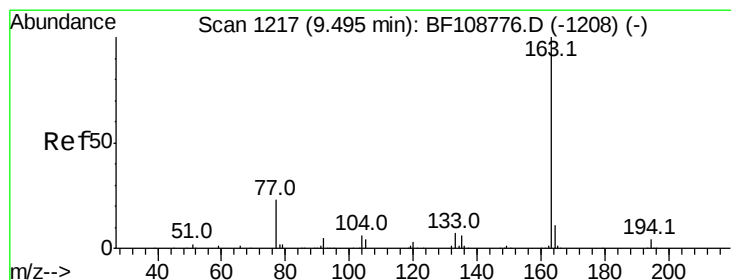
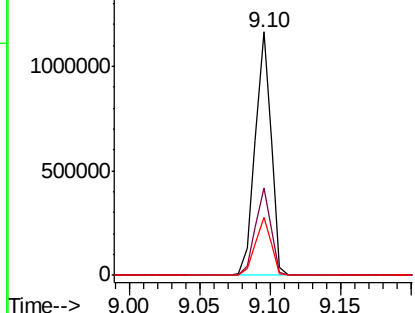
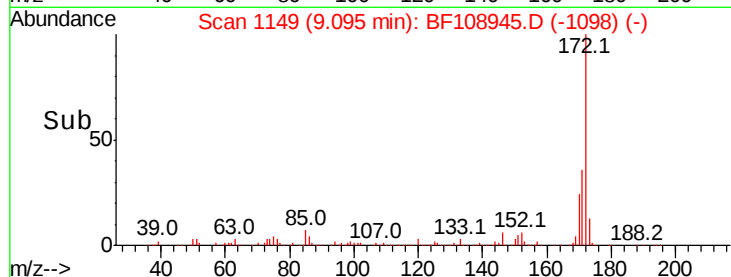
#44
2-Fluorobiphenyl
Concen: 62.260 ng
RT: 9.10 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BF108945.D
Acq: 11 Sep 2018 19:44

Instrument :
BNA_F
ClientSampleId :
EP1-SUT-4USTS-S

Tot Ion:172 Resp: 928726
Ion Ratio Lower Upper
172 100
171 36.0 29.7 44.5
170 24.0 19.6 29.4

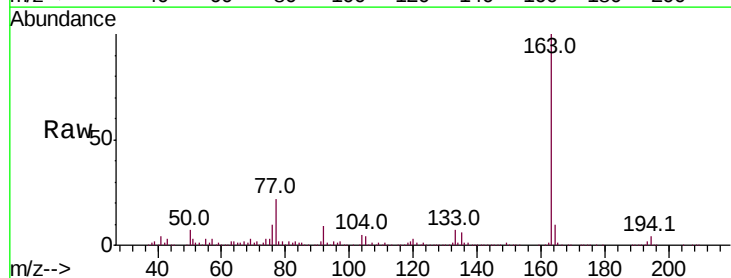


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

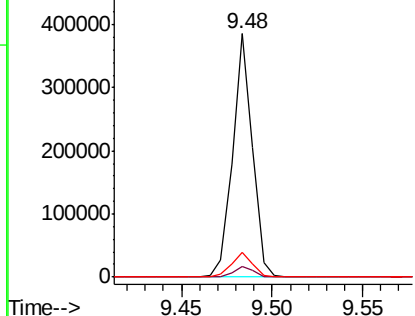
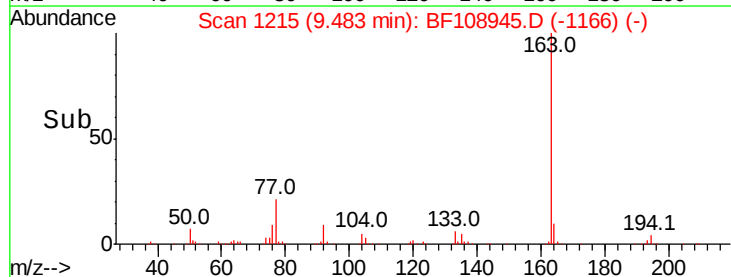


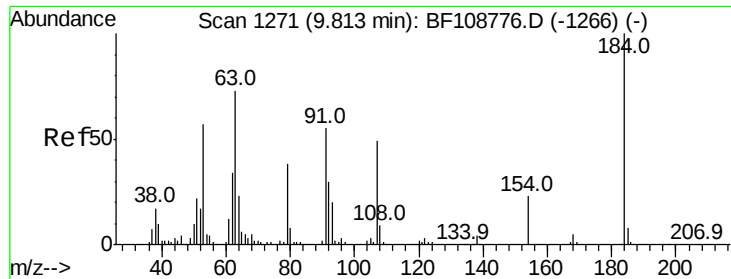
#49
Dimethylphthalate
Concen: 16.291 ng
RT: 9.48 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF108945.D
Acq: 11 Sep 2018 19:44

Tgt Ion:163 Resp: 289971
Ion Ratio Lower Upper
163 100
194 4.2 2.7 4.1#
164 10.0 8.2 12.2



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

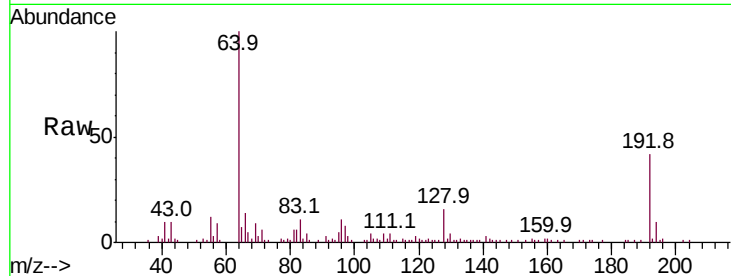




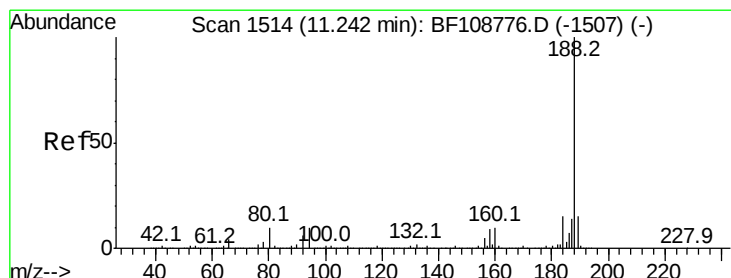
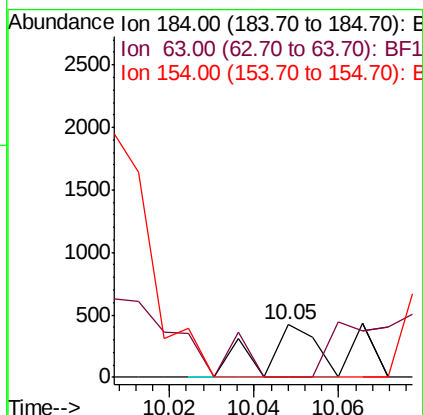
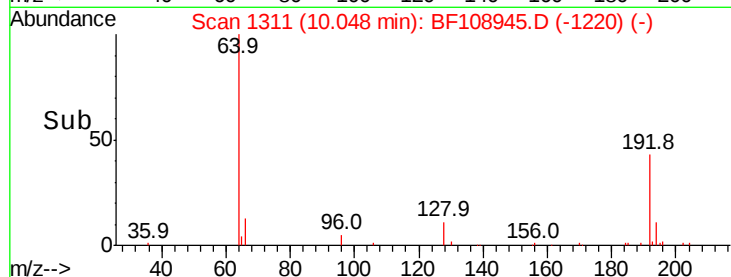
#53
2,4-Dinitrophenol
Concen: 9.561 ng
RT: 10.05 min Scan# 1311
Delta R.T. 0.24 min
Lab File: BF108945.D
Acq: 11 Sep 2018 19:44

Instrument :
BNA_F
ClientSampleId :
EP1-SUT-4USTS-S

Tot Ion:184 Resp: 369
Ion Ratio Lower Upper
184 100
63 0.0 54.2 81.2#
154 0.0 184.0 276.0#

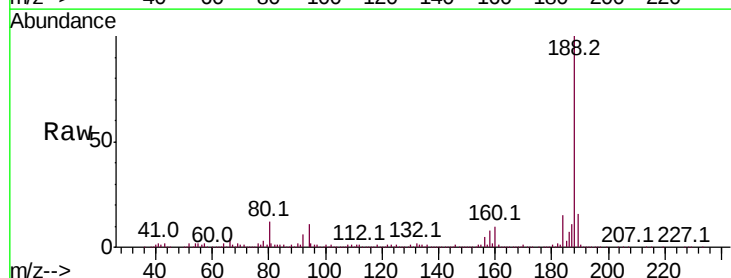


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

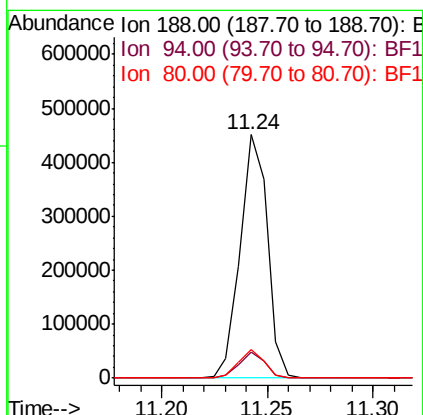
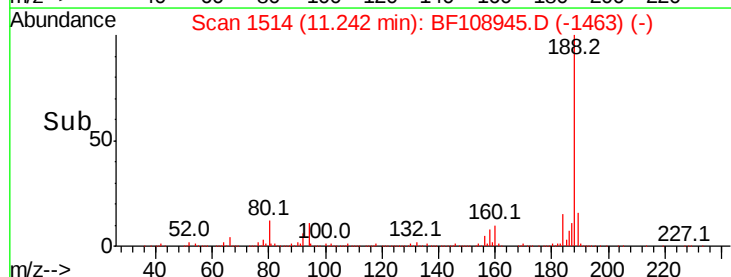


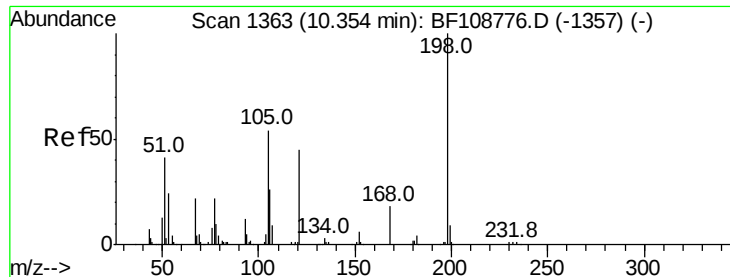
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1514
Delta R.T. -0.00 min
Lab File: BF108945.D
Acq: 11 Sep 2018 19:44

Tgt Ion:188 Resp: 402541
Ion Ratio Lower Upper
188 100
94 10.7 8.5 12.7
80 11.7 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#64

4,6-Dinitro-2-methylphenol

Concen: 7.115 ng

RT: 10.55 min Scan# 1396

Delta R.T. 0.19 min

Lab File: BF108945.D

Acq: 11 Sep 2018 19:44

Instrument :

BNA_F

ClientSampleId :

EP1-SUT-4USTS-S

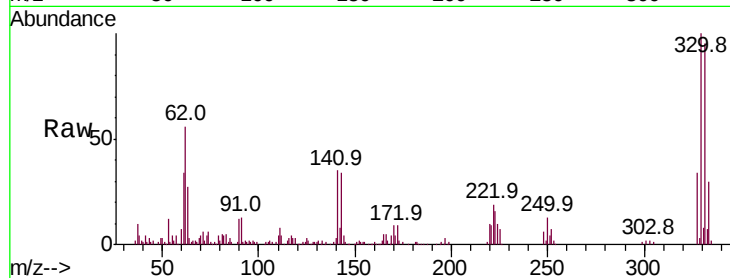
Tot Ion:198 Resp: 456

Ion Ratio Lower Upper

198 100

51 211.0 37.7 77.7#

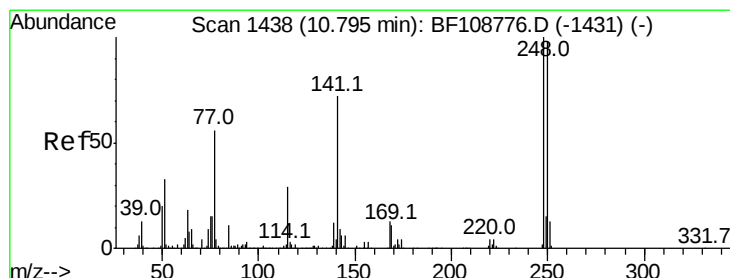
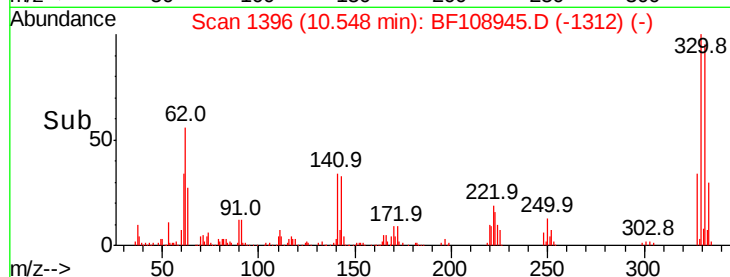
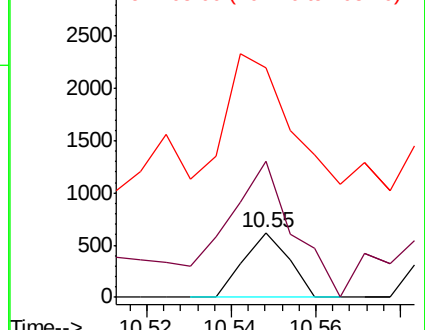
105 355.7 36.3 76.3#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

4-Bromophenyl-phenylether

Concen: 2.353 ng

RT: 10.55 min Scan# 1396

Delta R.T. -0.25 min

Lab File: BF108945.D

Acq: 11 Sep 2018 19:44

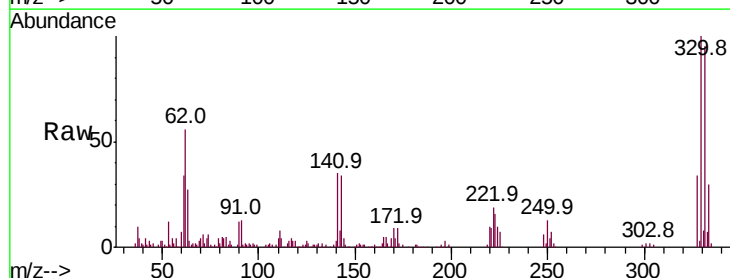
Tgt Ion:248 Resp: 10700

Ion Ratio Lower Upper

248 100

250 200.8 76.9 115.3#

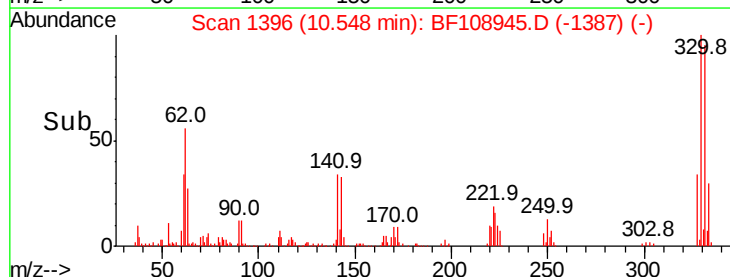
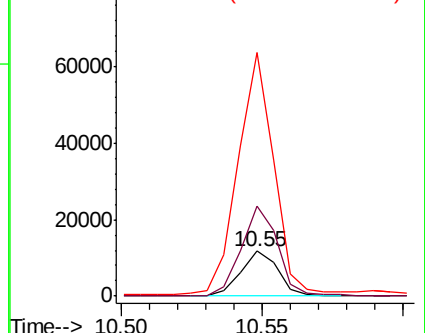
141 541.1 74.4 111.6#

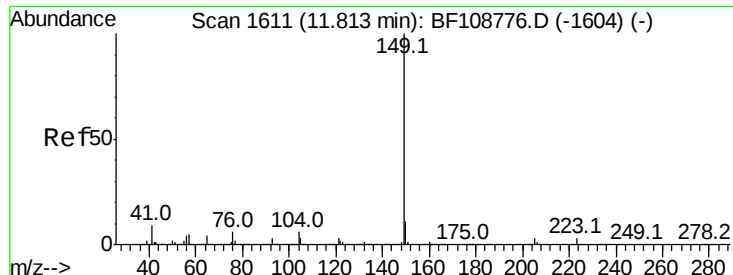


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

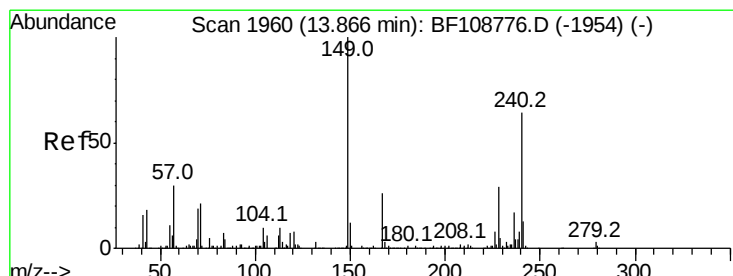
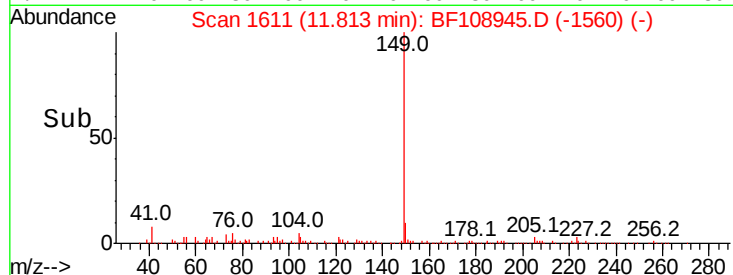
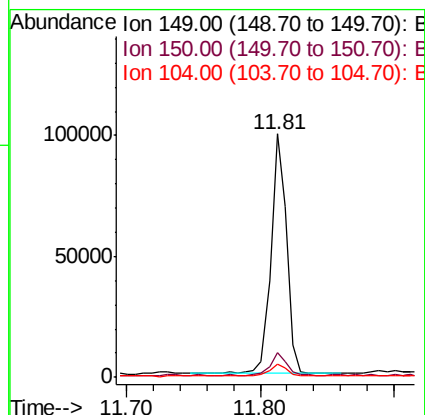
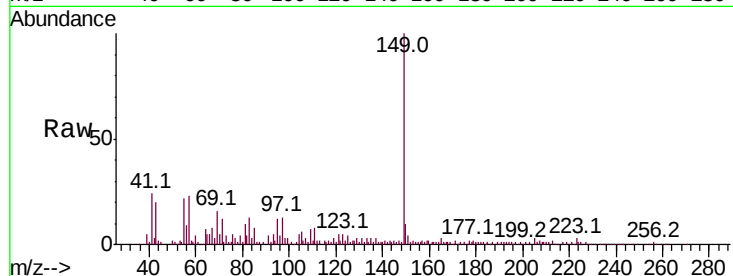




#73
Di-n-butylphthalate
Concen: 3.769 ng
RT: 11.81 min Scan# 1611
Delta R.T. -0.00 min
Lab File: BF108945.D
Acq: 11 Sep 2018 19:44

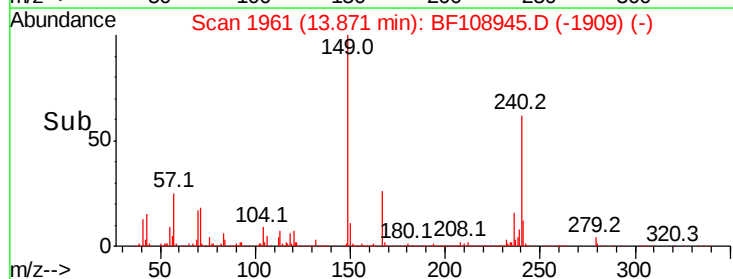
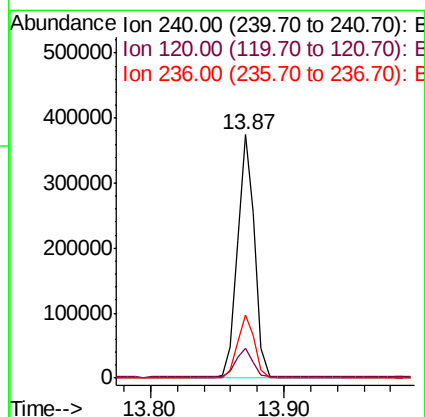
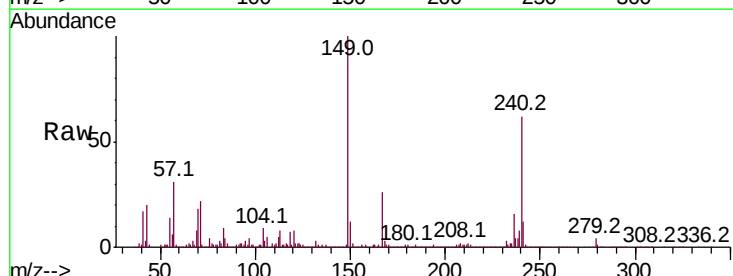
Instrument :
BNA_F
ClientSampleId :
EP1-SUT-4USTS-S

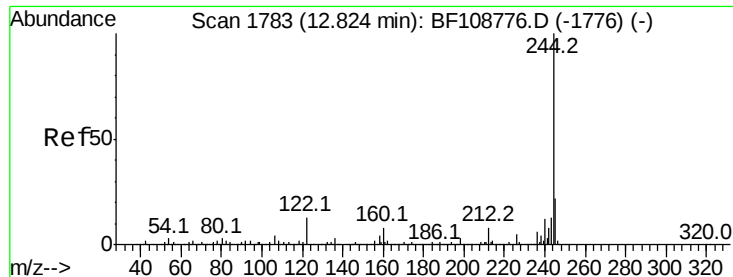
Tot Ion:149 Resp: 81123
Ion Ratio Lower Upper
149 100
150 10.1 7.8 11.6
104 5.4 3.8 5.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 1961
Delta R.T. 0.01 min
Lab File: BF108945.D
Acq: 11 Sep 2018 19:44

Tgt Ion:240 Resp: 335283
Ion Ratio Lower Upper
240 100
120 12.4 9.5 14.3
236 26.1 20.7 31.1





#78

Terphenyl-d14

Concen: 47.932 ng

RT: 12.83 min Scan# 1784

Delta R.T. 0.01 min

Lab File: BF108945.D

Acq: 11 Sep 2018 19:44

Instrument :

BNA_F

ClientSampleId :

EP1-SUT-4USTS-S

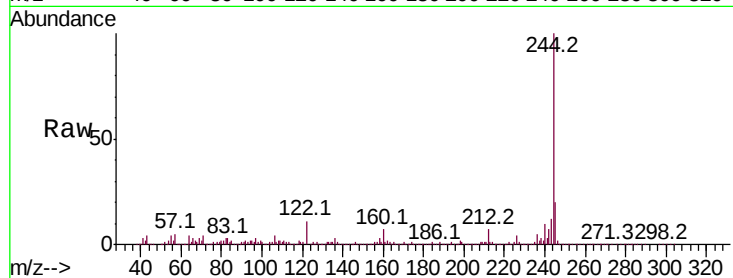
Tot Ion:244 Resp: 689173

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

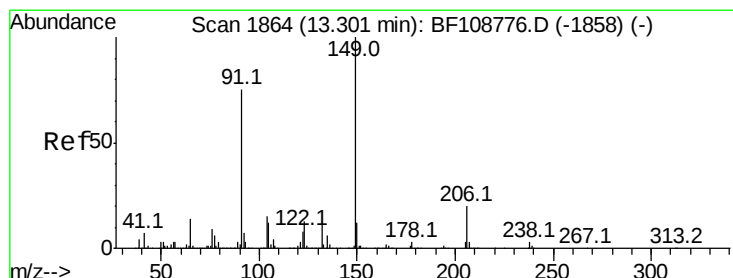
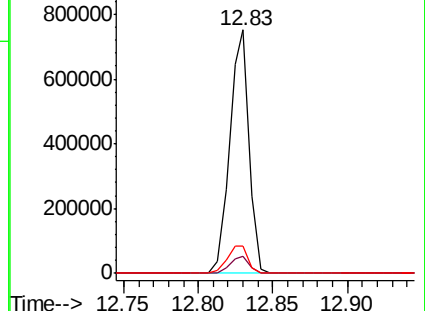
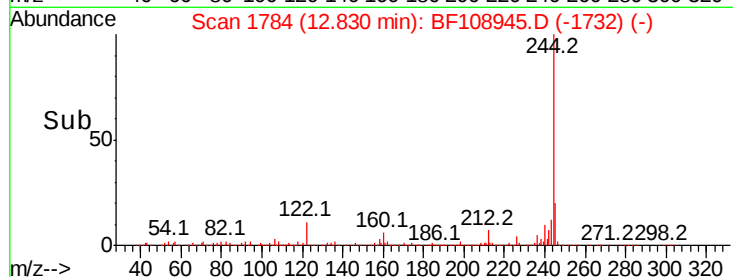
122 11.1 11.0 16.4



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: 2.059 ng

RT: 13.30 min Scan# 1864

Delta R.T. -0.00 min

Lab File: BF108945.D

Acq: 11 Sep 2018 19:44

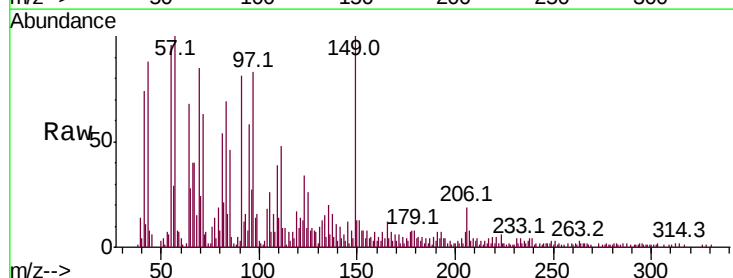
Tgt Ion:149 Resp: 23926

Ion Ratio Lower Upper

149 100

91 81.4 56.8 85.2

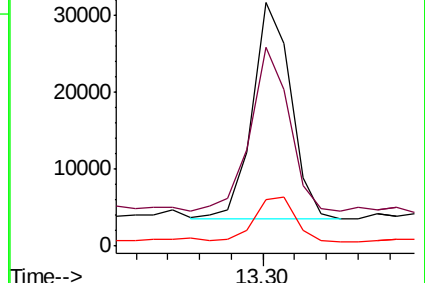
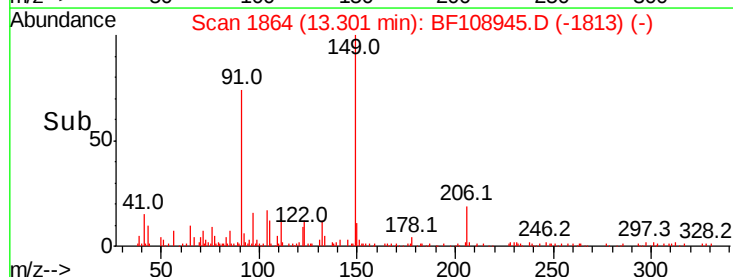
206 19.2 14.1 21.1

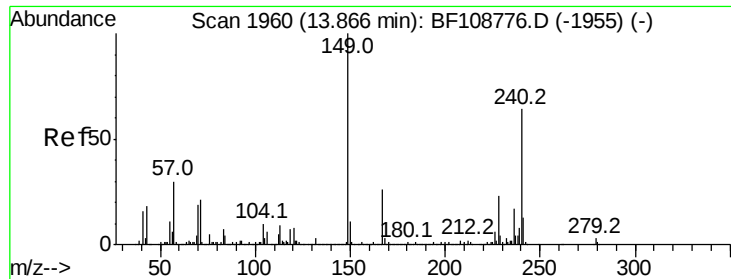


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

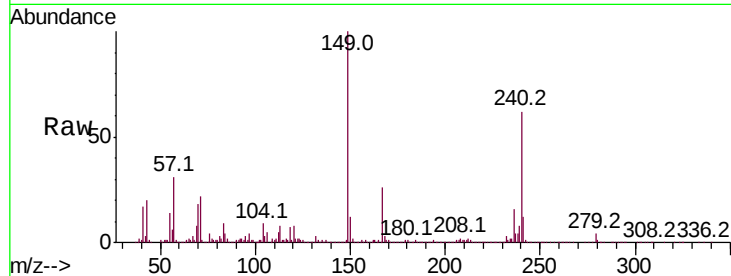




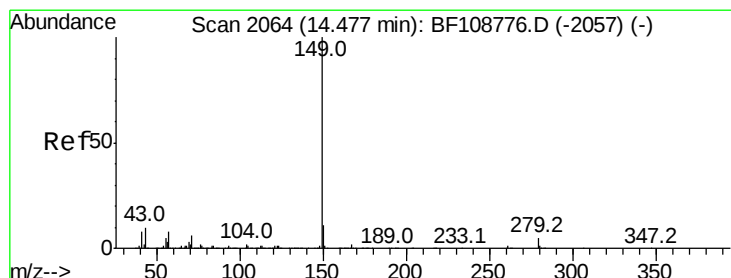
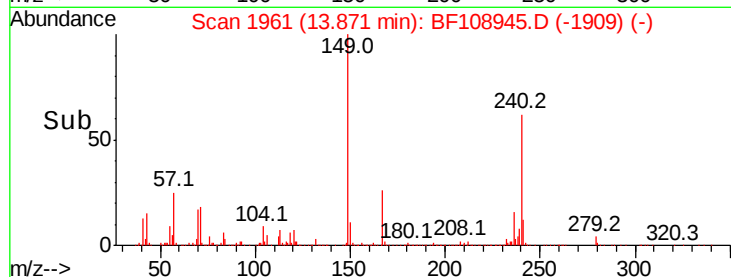
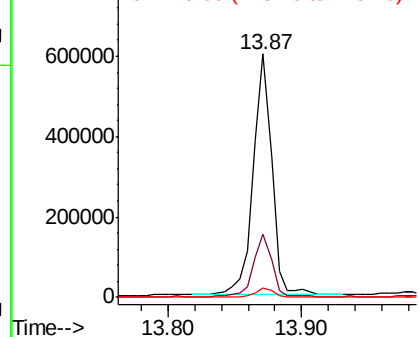
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.246 ng
 RT: 13.87 min Scan# 1961
 Delta R.T. 0.01 min
 Lab File: BF108945.D
 Acq: 11 Sep 2018 19:44

Instrument :
 BNA_F
 ClientSampleId :
 EP1-SUT-4USTS-S

Tot Ion:149 Resp: 573015
 Ion Ratio Lower Upper
 149 100
 167 26.0 21.3 31.9
 279 3.7 3.0 4.4

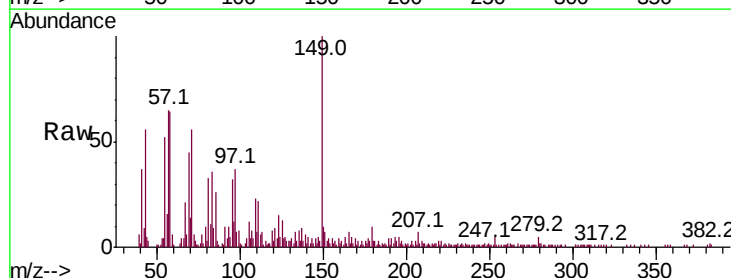


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

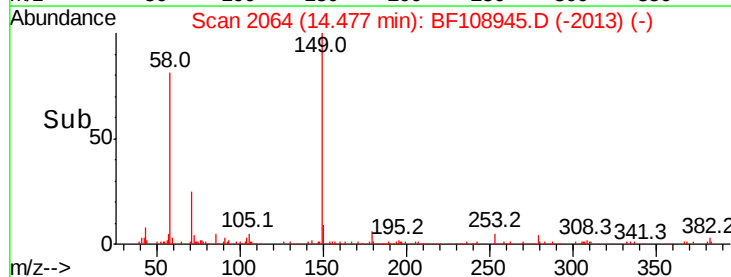
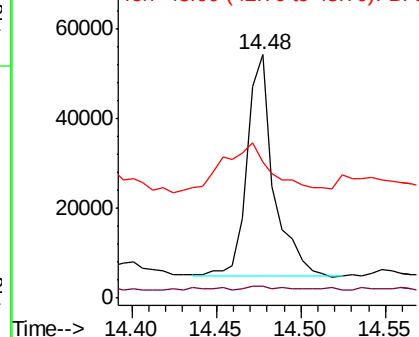


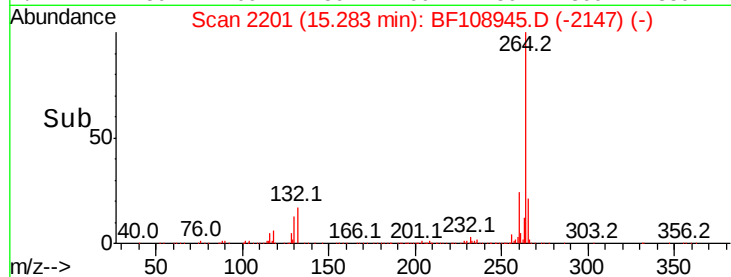
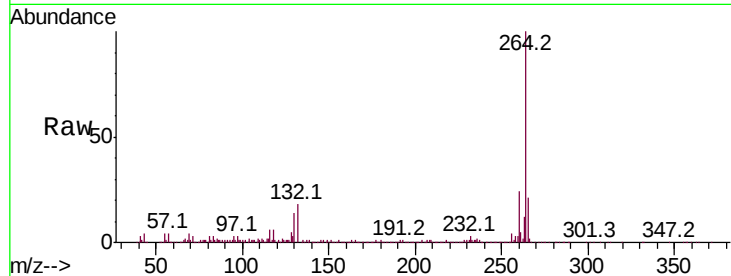
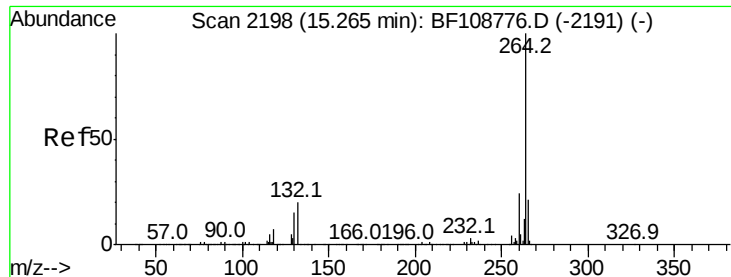
#84
 Di-n-octyl phthalate
 Concen: 2.229 ng
 RT: 14.48 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: BF108945.D
 Acq: 11 Sep 2018 19:44

Tgt Ion:149 Resp: 54267
 Ion Ratio Lower Upper
 149 100
 167 2.8 1.2 1.8#
 43 40.1 8.4 12.6#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF1





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.28 min Scan# 2201
Delta R.T. 0.02 min
Lab File: BF108945.D
Acq: 11 Sep 2018 19:44

Instrument :
BNA_F
ClientSampleId :
EP1-SUT-4USTS-S

Tot Ion:	264	Resp:	429444
Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.4	17.5	26.3

