

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041619\
 Data File : BF113801.D
 Acq On : 16 Apr 2019 18:53
 Operator : JU/SJ
 Sample : K2411-11
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-14-D

Quant Time: Apr 17 01:07:10 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 04 04:05:31 2019
 Response via : Initial Calibration

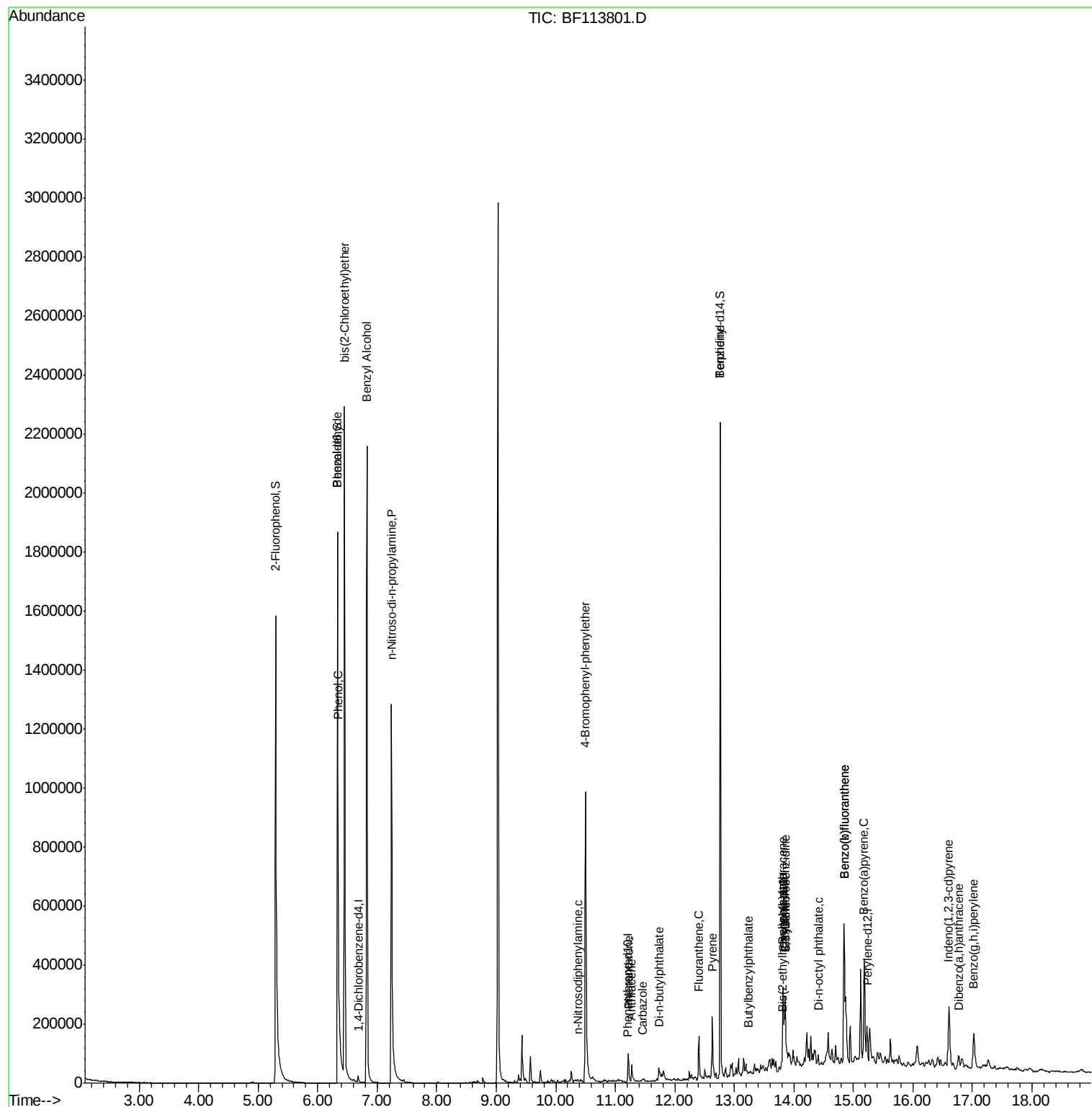
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	4977	20.00	ng	0.00
21) Naphthalene-d8	0.00	136	0	0.00	ng	-7.97
39) Acenaphthene-d10	0.00	164	0	0.00	ng	-9.72
64) Phenanthrene-d10	11.20	188	354	20.00	ng	0.00
76) Chrysene-d12	13.83	240	693	20.00	ng	-0.02
87) Perylene-d12	15.24	264	1045	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	731322	2505.67	ng	0.00
7) Phenol-d6	6.33	99	972903	2704.55	ng	0.00
23) Nitrobenzene-d5	7.24	82	555163	0.00	ng	-0.02
42) 2,4,6-Tribromophenol	10.50	330	196826	0.00	ng	-0.02
45) 2-Fluorobiphenyl	9.03	172	1051719	0.00	ng	-0.02
79) Terphenyl-d14	12.76	244	846510	24870.24	ng	-0.03
Target Compounds						
9) Benzaldehyde	6.33	77	735	3.436	ng	Qvalue # 1
10) Phenol	6.35	94	1129	2.748	ng	# 1
11) bis(2-Chloroethyl)ether	6.45	93	771	2.412	ng	# 1
15) Benzyl Alcohol	6.83	79	8079	33.215	ng	# 45
19) n-Nitroso-di-n-propylamine	7.24	70	69311	312.460	ng	# 76
66) n-Nitrosodiphenylamine	10.37	169	347	31.930	ng	# 1
67) 4-Bromophenyl-phenylether	10.50	248	10261	2584.467	ng	# 1
71) Phenanthrene	11.22	178	47226	2684.744	ng	100
72) Anthracene	11.27	178	36026	2012.964	ng	97
73) Carbazole	11.46	167	3649	217.996	ng	# 85
74) Di-n-butylphthalate	11.74	149	1917	96.273	ng	# 78
75) Fluoranthene	12.40	202	66011	3501.996	ng	98
77) Benzidine	12.76	184	9370	363.595	ng	# 97
78) Pyrene	12.63	202	106382	2017.501	ng	97
80) Butylbenzylphthalate	13.24	149	117	5.451	ng	# 60
81) Benzo(a)anthracene	13.82	228	113384	2836.301	ng	98
82) 3,3'-Dichlorobenzidine	13.86	252	1572	102.095	ng	# 1
83) Chrysene	13.85	228	105514	2603.716	ng	98
84) Bis(2-ethylhexyl)phthalate	13.80	149	5044	194.364	ng	# 82
85) Di-n-octyl phthalate	14.40	149	1395	33.070	ng	# 77
86) Indeno(1,2,3-cd)pyrene	16.61	276	136051	3636.220	ng	94
88) Benzo(b)fluoranthene	14.84	252	345767	5405.402	ng	99
89) Benzo(k)fluoranthene	14.84	252	345767	6022.889	ng	99
90) Benzo(a)pyrene	15.19	252	191422	3367.673	ng	99
91) Dibenzo(a,h)anthracene	16.77	278	27346	514.459	ng	95
92) Benzo(g,h,i)perylene	17.02	276	109778	2023.384	ng	96

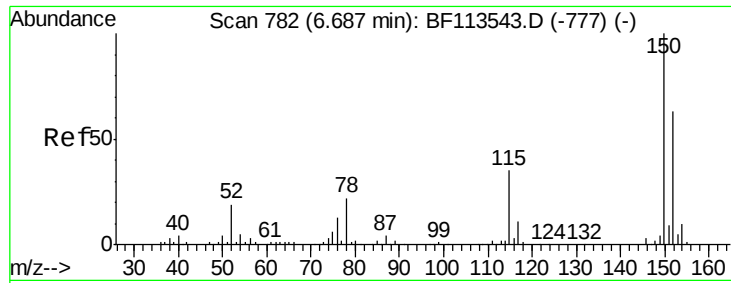
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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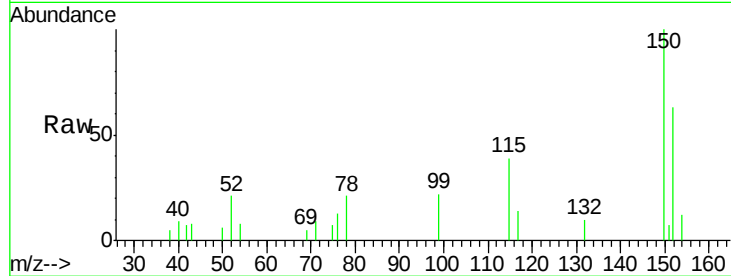


#1

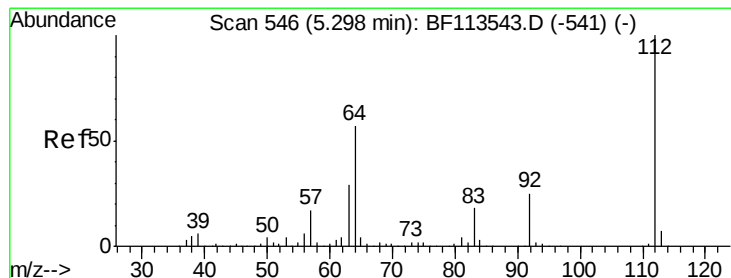
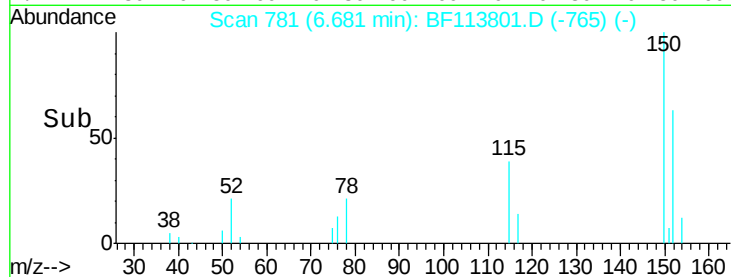
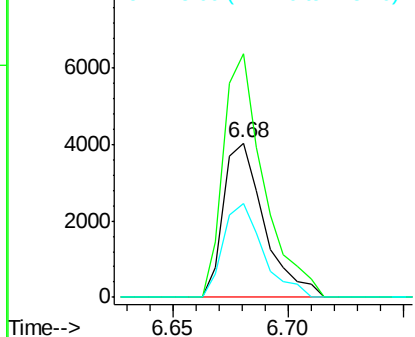
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.68 min Scan# 781
Delta R.T. -0.01 min
Lab File: BF113801.D
Acq: 16 Apr 2019 18:53

Instrument :
BNA_F
ClientSampleId :
TP-14-D

Tgt Ion:152 Resp: 4977
Ion Ratio Lower Upper
152 100
150 158.0 124.7 187.1
115 61.1 46.0 69.0



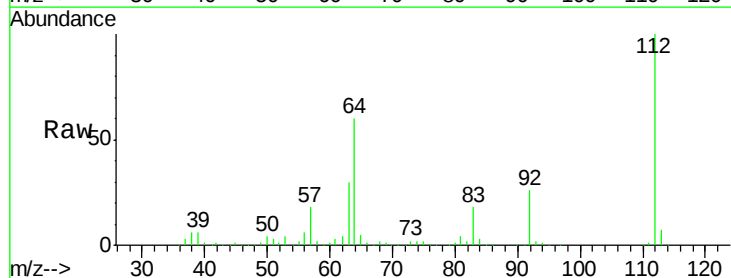
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



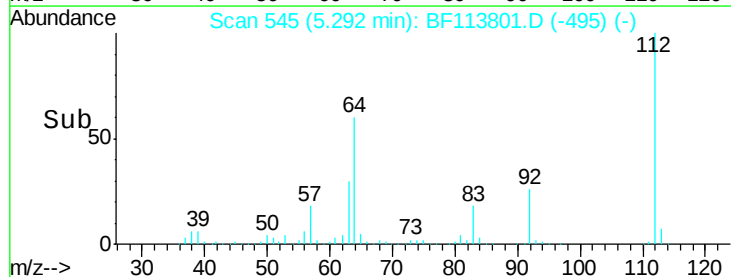
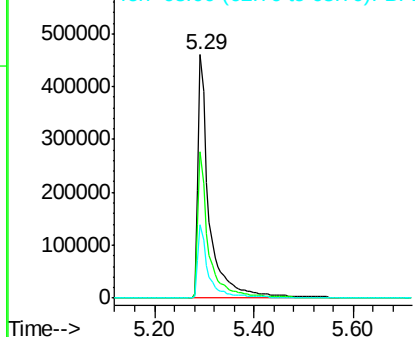
#5

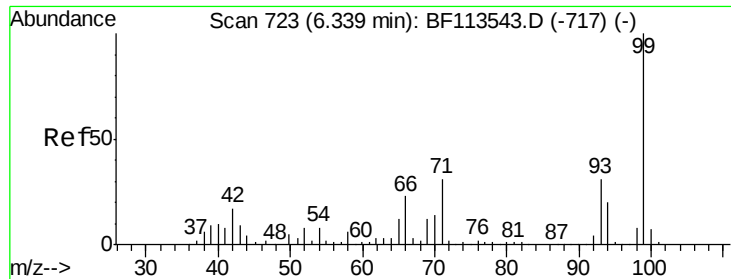
2-Fluorophenol
Concen: 2505.671 ng
RT: 5.29 min Scan# 545
Delta R.T. -0.01 min
Lab File: BF113801.D
Acq: 16 Apr 2019 18:53

Tgt Ion:112 Resp: 731322
Ion Ratio Lower Upper
112 100
64 60.1 49.2 73.8
63 30.3 24.9 37.3



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





#7

Phenol-d6

Concen: 2704.555 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF113801.D

Acq: 16 Apr 2019 18:53

Instrument :

BNA_F

ClientSampleId :

TP-14-D

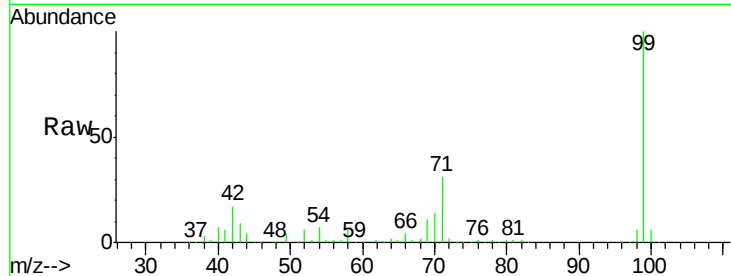
Tgt Ion: 99 Resp: 972903

Ion Ratio Lower Upper

99 100

42 17.2 14.8 22.2

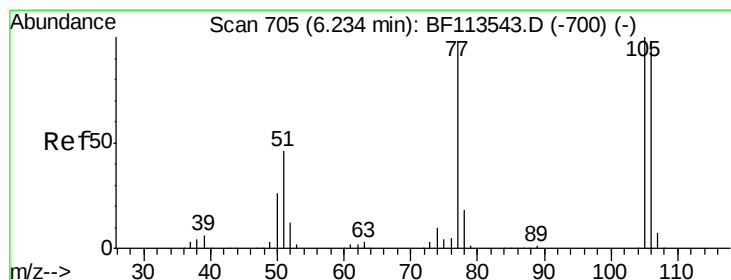
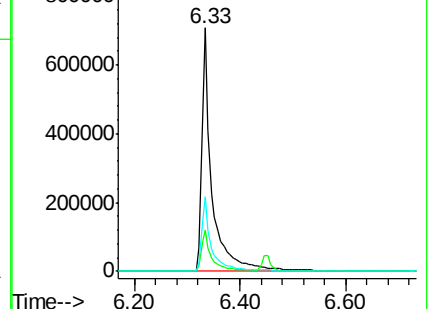
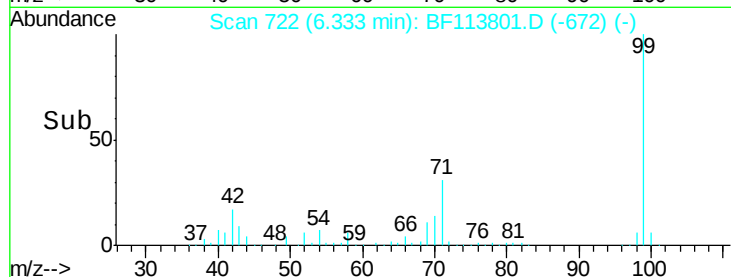
71 30.5 24.9 37.3



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: 3.436 ng

RT: 6.33 min Scan# 722

Delta R.T. 0.10 min

Lab File: BF113801.D

Acq: 16 Apr 2019 18:53

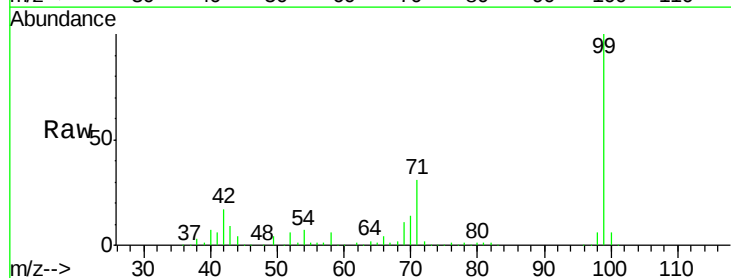
Tgt Ion: 77 Resp: 735

Ion Ratio Lower Upper

77 100

105 0.0 80.9 120.9#

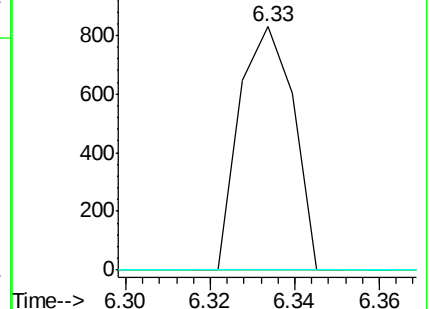
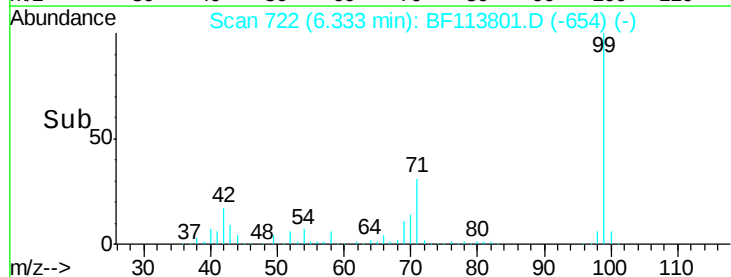
106 0.0 77.8 117.8#

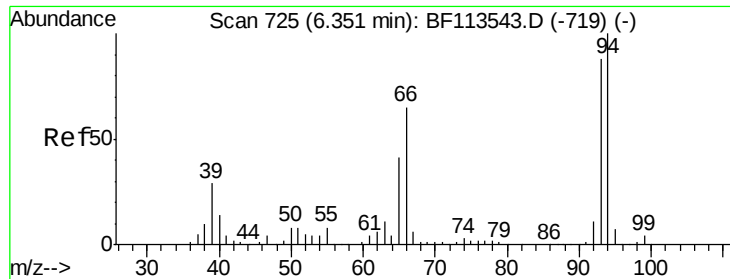


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B





#10

Phenol

Concen: 2.748 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF113801.D

Acq: 16 Apr 2019 18:53

Instrument :

BNA_F

ClientSampleId :

TP-14-D

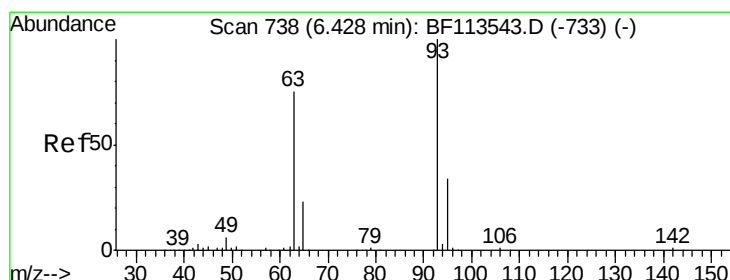
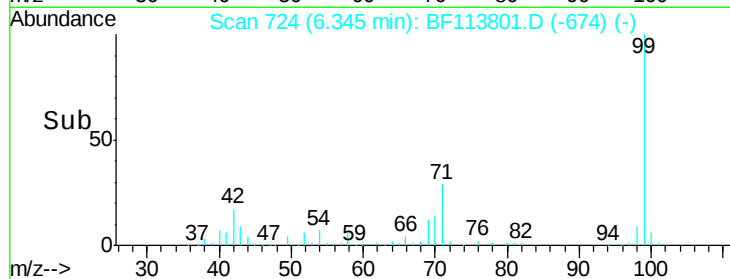
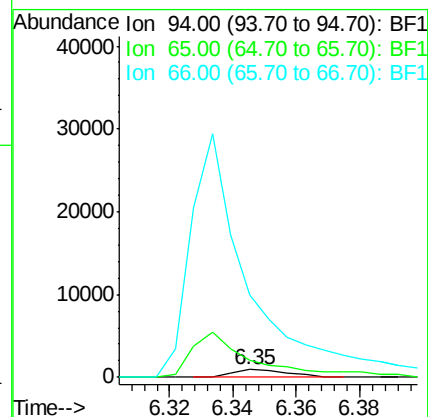
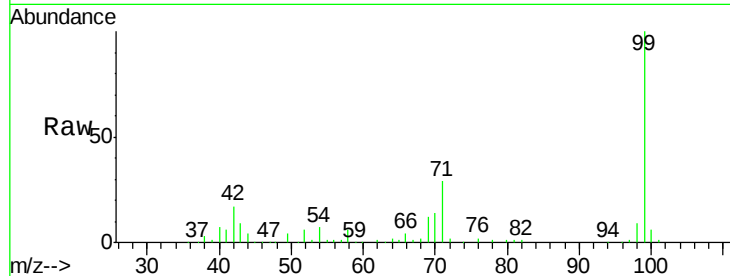
Tgt Ion: 94 Resp: 1129

Ion Ratio Lower Upper

94 100

65 205.1 21.4 61.4#

66 1022.1 46.4 86.4#



#11

bis(2-Chloroethyl)ether

Concen: 2.412 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.02 min

Lab File: BF113801.D

Acq: 16 Apr 2019 18:53

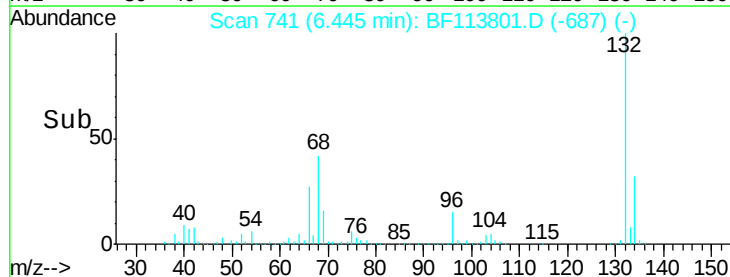
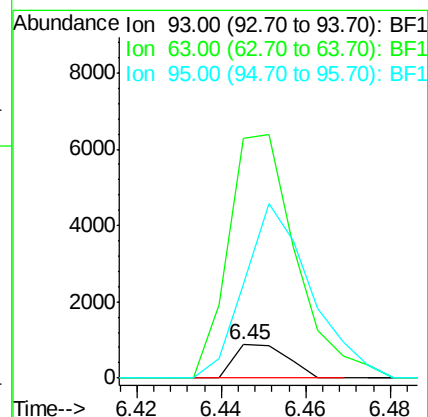
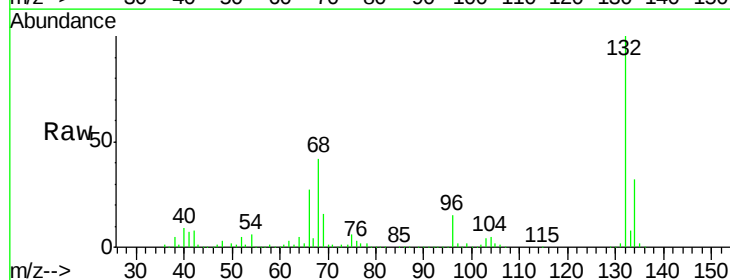
Tgt Ion: 93 Resp: 771

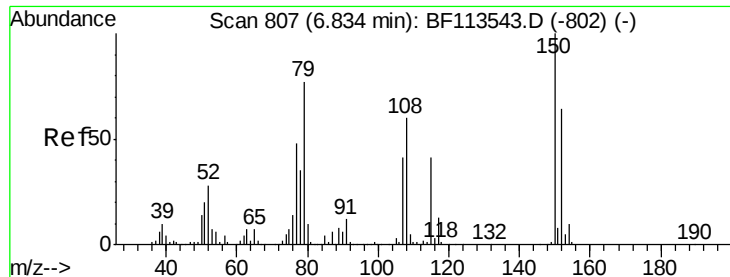
Ion Ratio Lower Upper

93 100

63 715.7 56.1 96.1#

95 279.3 12.8 52.8#





#15

Benzyl Alcohol

Concen: 33.215 ng

RT: 6.83 min Scan# 806

Delta R.T. -0.01 min

Lab File: BF113801.D

Acq: 16 Apr 2019 18:53

Instrument :

BNA_F

ClientSampleId :

TP-14-D

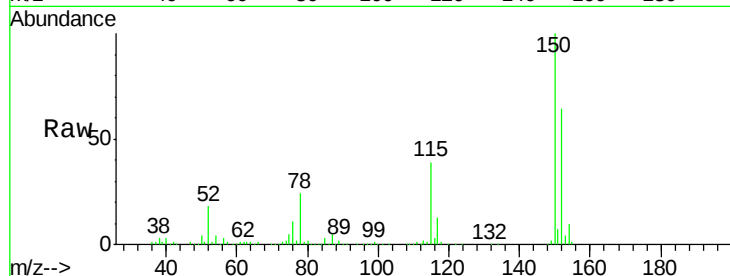
Tgt Ion: 79 Resp: 8079

Ion Ratio Lower Upper

79 100

108 31.3 62.0 93.0#

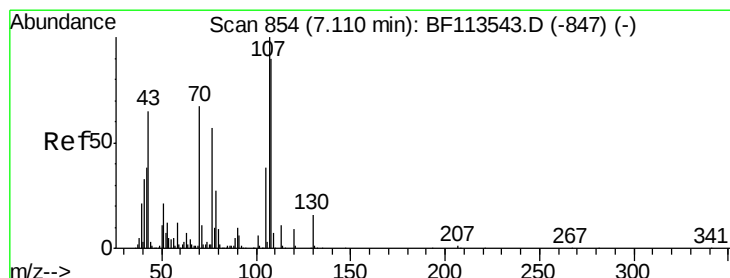
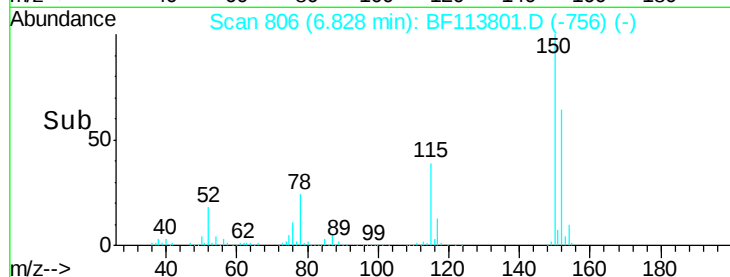
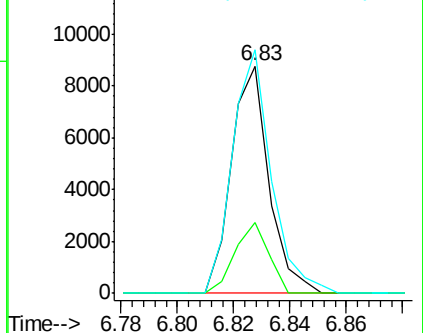
77 107.3 49.9 74.9#



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



#19

n-Nitroso-di-n-propylamine

Concen: 312.460 ng

RT: 7.24 min Scan# 876

Delta R.T. 0.13 min

Lab File: BF113801.D

Acq: 16 Apr 2019 18:53

Tgt Ion: 70 Resp: 69311

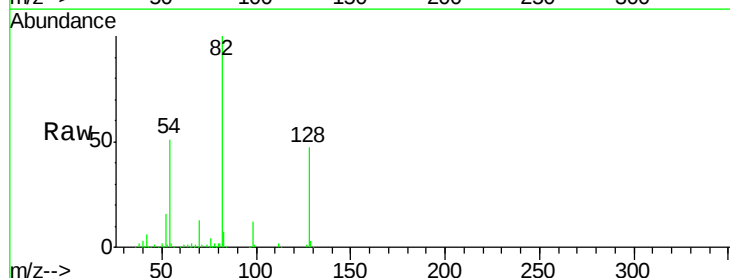
Ion Ratio Lower Upper

70 100

42 48.1 48.4 72.6#

101 0.0 7.8 11.8#

130 2.5 18.2 27.4#

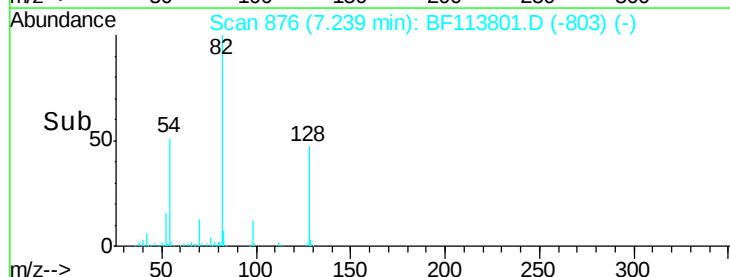
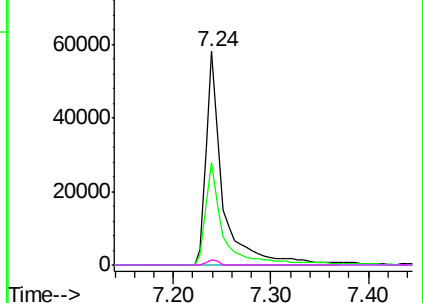


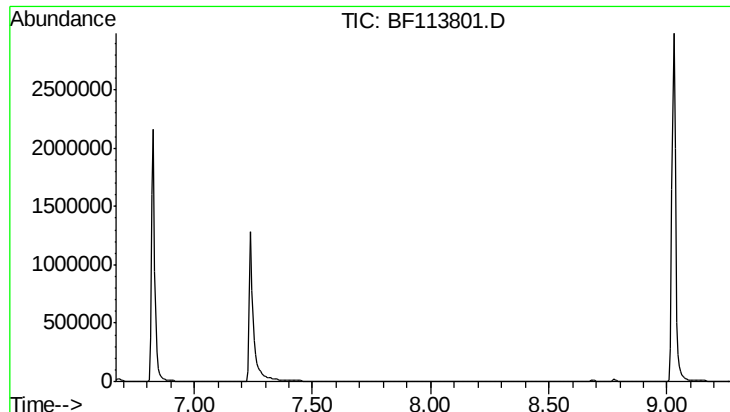
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

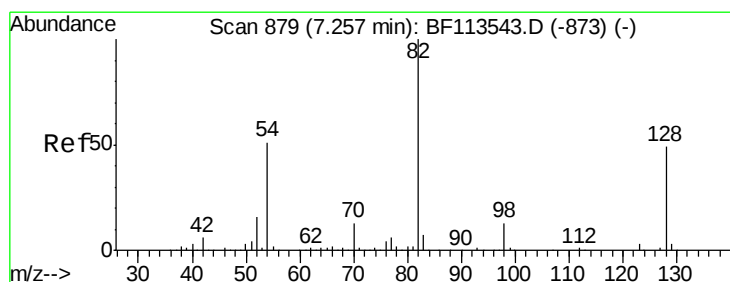
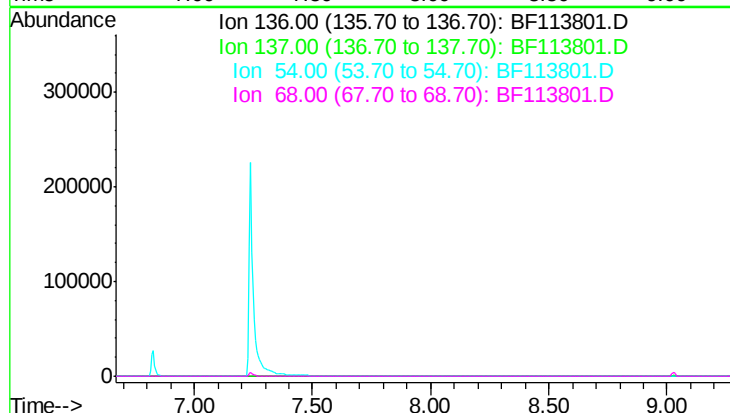




#21
Naphthalene-d8
Concen: 0.000 ng
Expected RT: 7.97 min
Lab File: BF113801.D
Acq: 16 Apr 2019 18:53

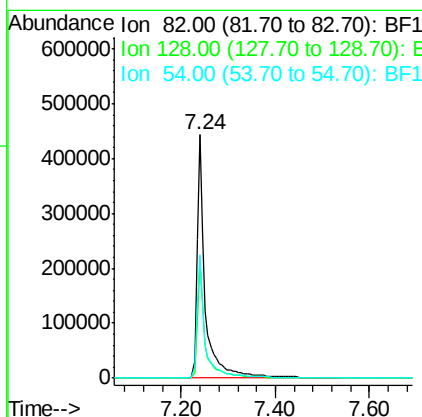
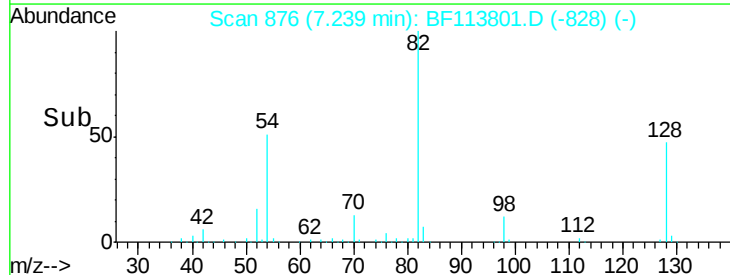
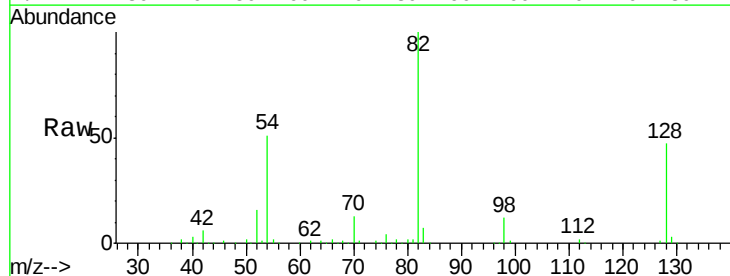
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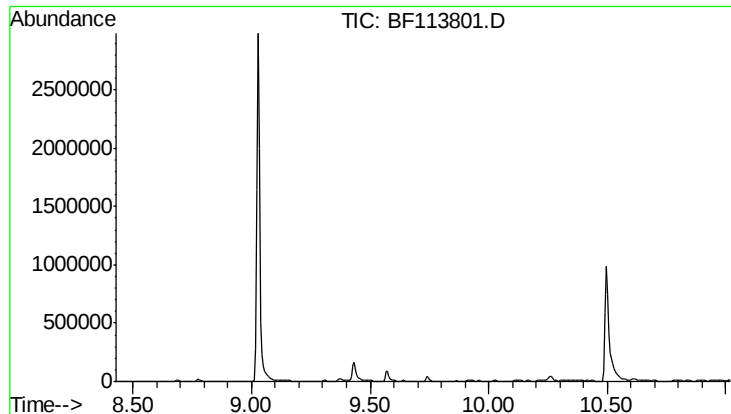
Tgt Ion: 136
Sig Exp Ratio
136 100
137 11.1
54 8.8
68 6.0



#23
Nitrobenzene-d5
Concen: 0.000 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.02 min
Lab File: BF113801.D
Acq: 16 Apr 2019 18:53

Tgt Ion: 82 Resp: 555163
Ion Ratio Lower Upper
82 100
128 47.3 36.5 54.7
54 50.9 42.2 63.2





#39

Acenaphthene-d10

Concen: 0.000 ng

Expected RT: 9.72 min

Lab File: BF113801.D

Acq: 16 Apr 2019 18:53

Tgt Ion: 164

Sig Exp Ratio

164 100

162 102.2

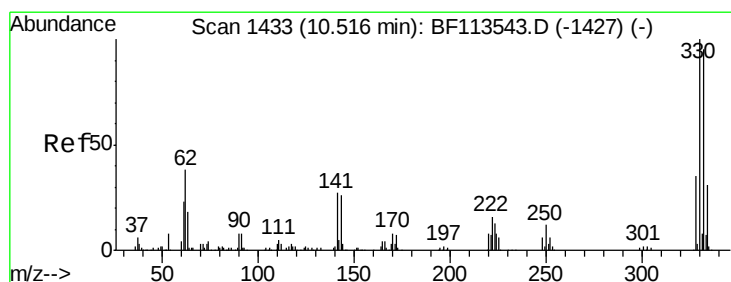
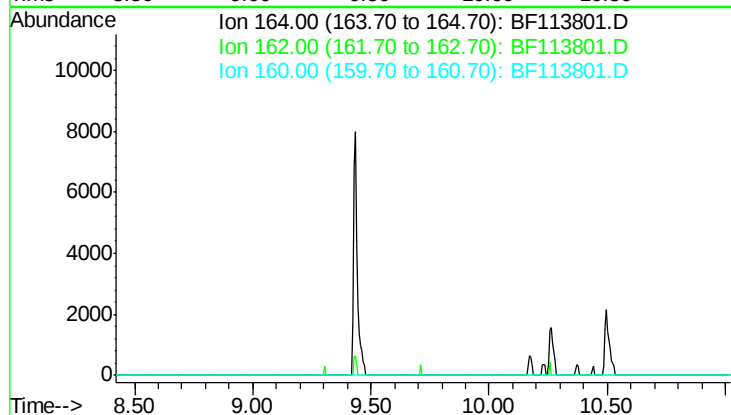
160 45.5

Instrument :

BNA_F

ClientSampleId :

TP-14-D



#42

2,4,6-Tribromophenol

Concen: 0.000 ng

RT: 10.50 min Scan# 1430

Delta R.T. -0.02 min

Lab File: BF113801.D

Acq: 16 Apr 2019 18:53

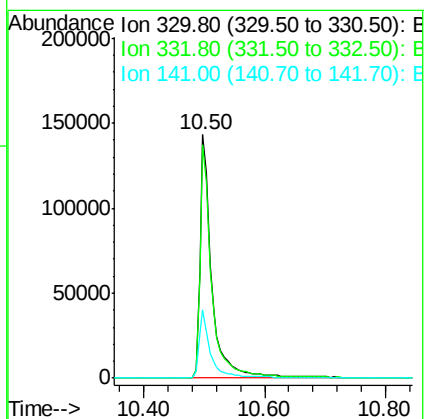
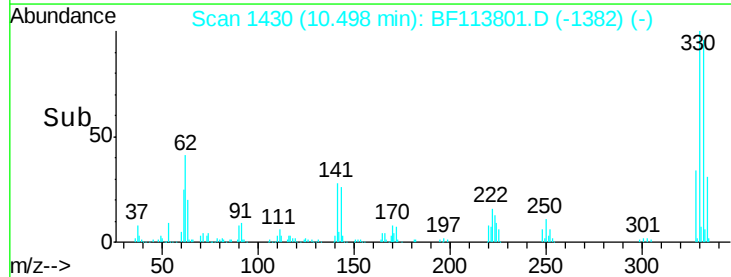
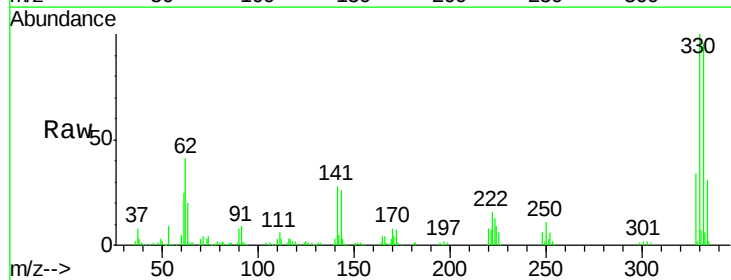
Tgt Ion: 330 Resp: 196826

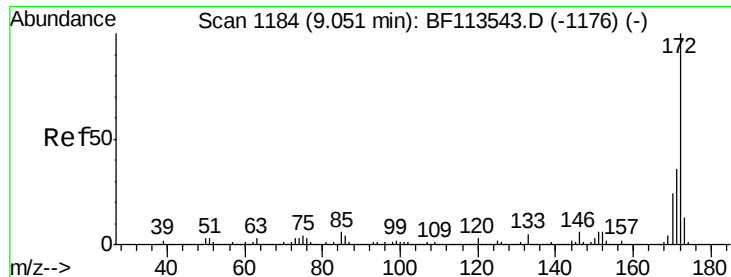
Ion Ratio Lower Upper

330 100

332 95.4 77.8 116.6

141 27.6 22.7 34.1

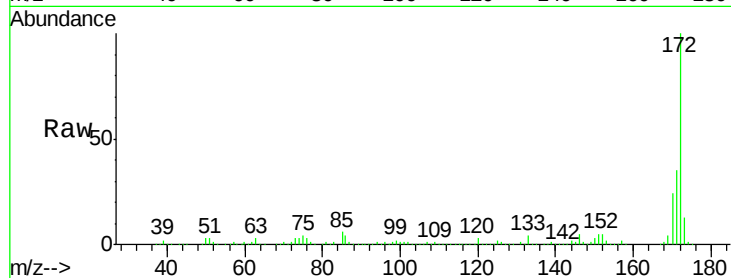




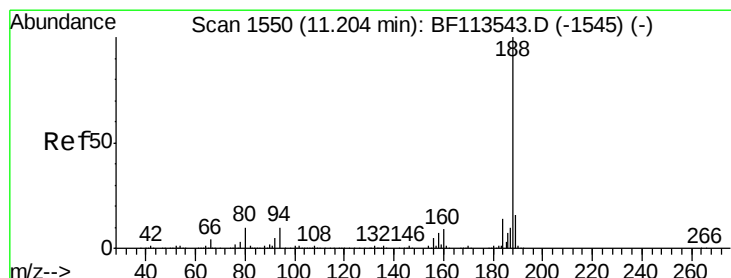
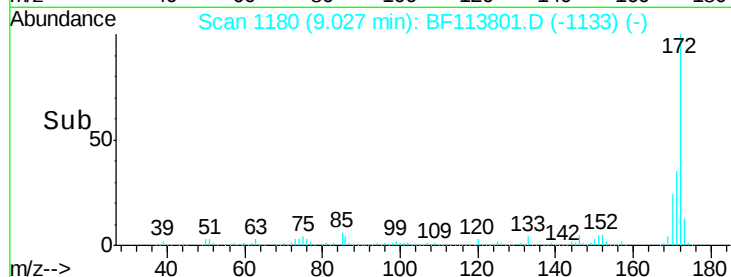
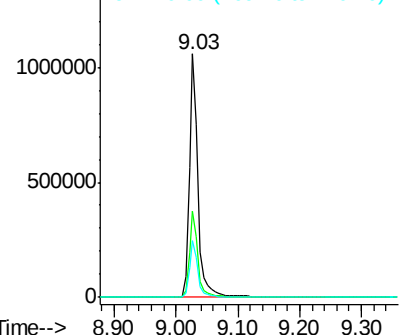
#45
 2-Fluorobiphenyl
 Concen: 0.000 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.02 min
 Lab File: BF113801.D
 Acq: 16 Apr 2019 18:53

Instrument :
 BNA_F
 ClientSampled :
 TP-14-D

Tgt Ion:172 Resp: 1051719
 Ion Ratio Lower Upper
 172 100
 171 35.1 29.0 43.6
 170 23.6 19.5 29.3

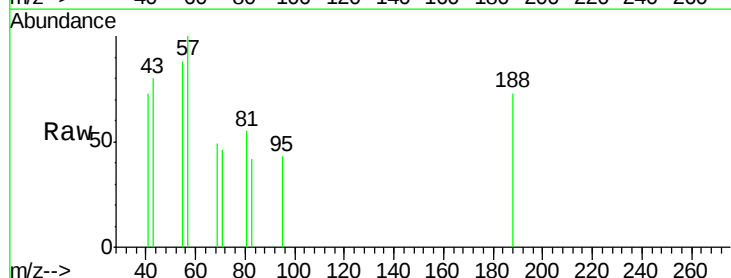


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

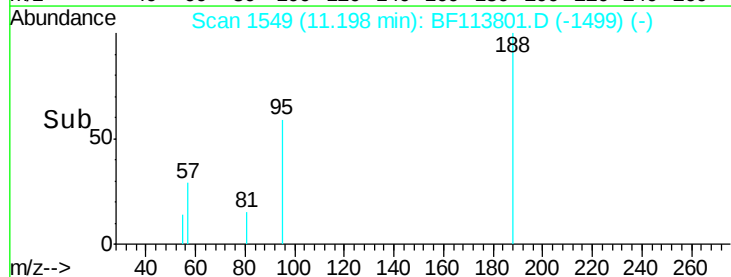
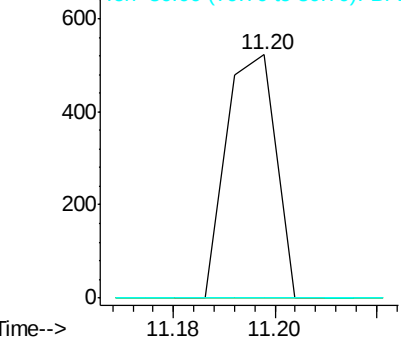


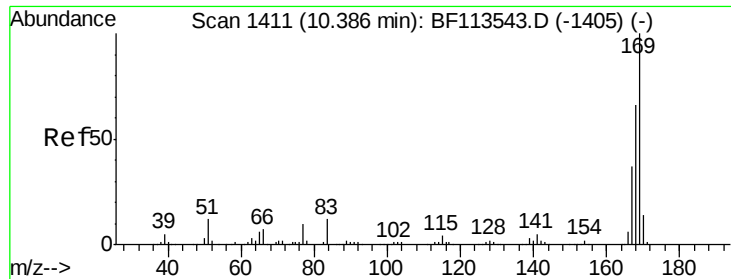
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.20 min Scan# 1549
 Delta R.T. -0.01 min
 Lab File: BF113801.D
 Acq: 16 Apr 2019 18:53

Tgt Ion:188 Resp: 354
 Ion Ratio Lower Upper
 188 100
 94 0.0 7.0 10.6#
 80 0.0 7.7 11.5#



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

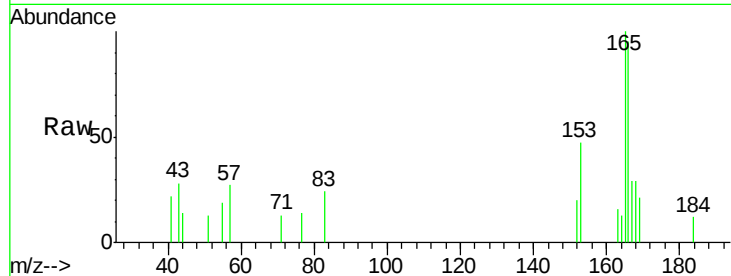




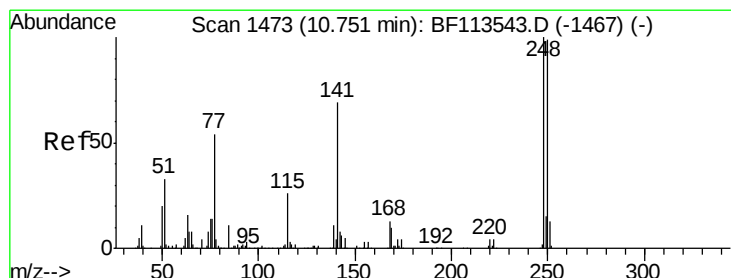
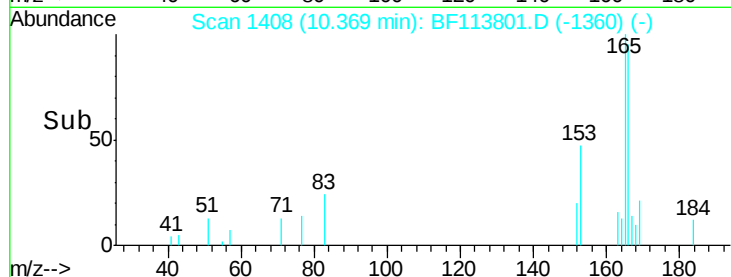
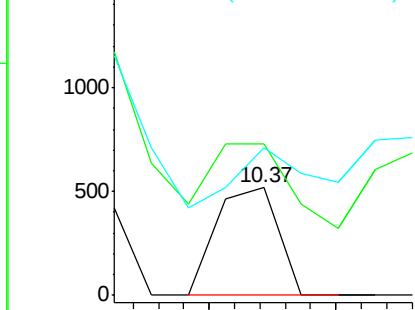
#66
 n-Nitrosodiphenylamine
 Concen: 31.930 ng
 RT: 10.37 min Scan# 1408
 Delta R.T. -0.02 min
 Lab File: BF113801.D
 Acq: 16 Apr 2019 18:53

Instrument :
 BNA_F
 ClientSampled :
 TP-14-D

Tgt Ion:169 Resp: 347
 Ion Ratio Lower Upper
 169 100
 168 140.5 53.7 80.5#
 167 137.3 29.5 44.3#

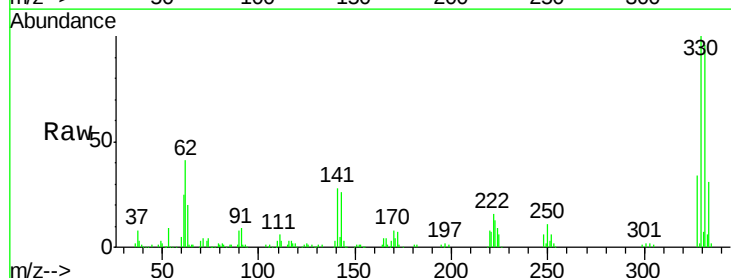


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

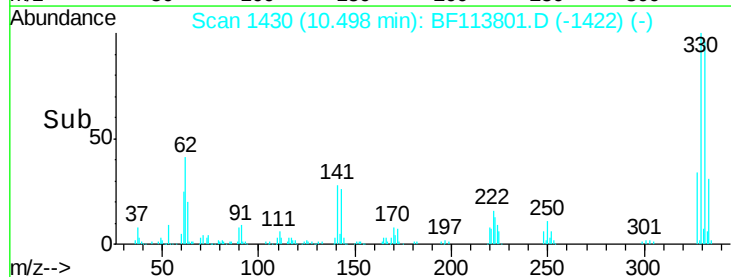
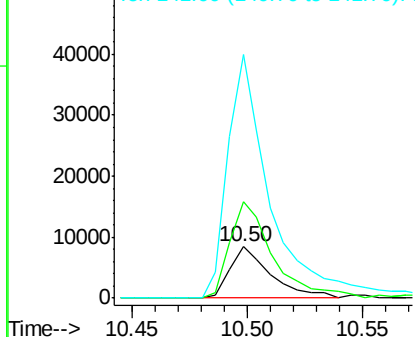


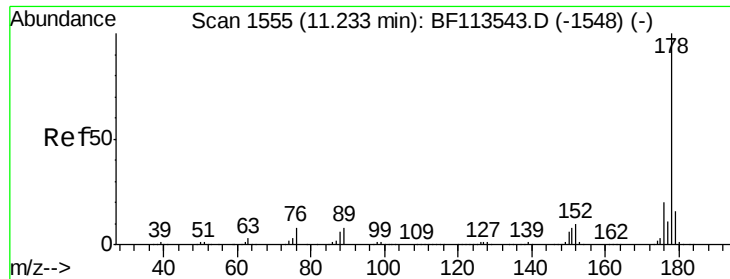
#67
 4-Bromophenyl-phenylether
 Concen: 2584.467 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.25 min
 Lab File: BF113801.D
 Acq: 16 Apr 2019 18:53

Tgt Ion:248 Resp: 10261
 Ion Ratio Lower Upper
 248 100
 250 187.7 78.3 117.5#
 141 475.8 56.2 84.4#



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

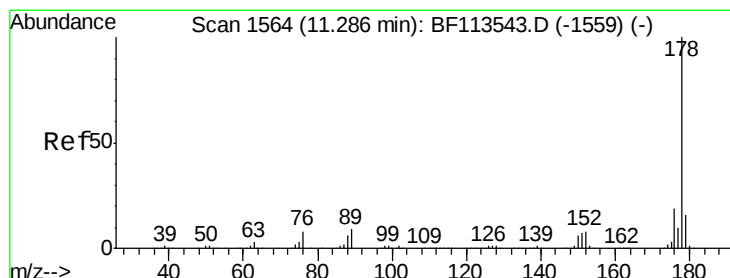
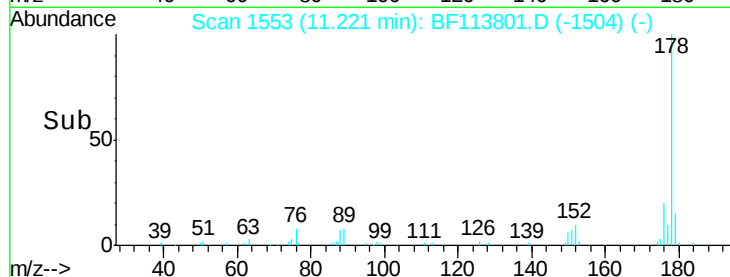
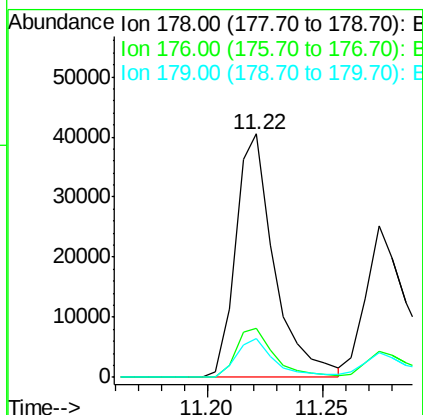
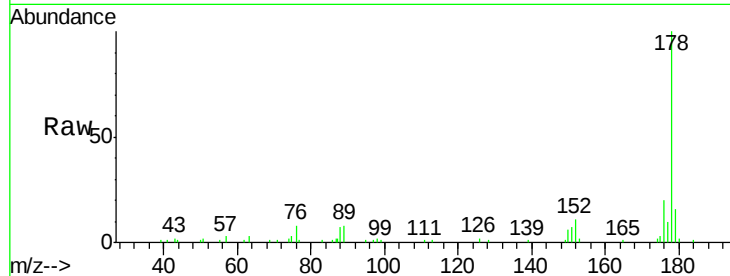




#71
Phenanthrene
Concen: 2684.744 ng
RT: 11.22 min Scan# 1553
Delta R.T. -0.01 min
Lab File: BF113801.D
Acq: 16 Apr 2019 18:53

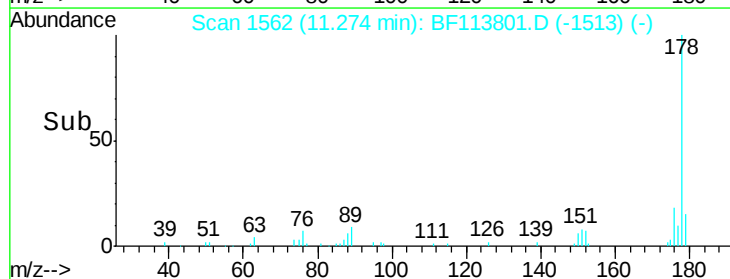
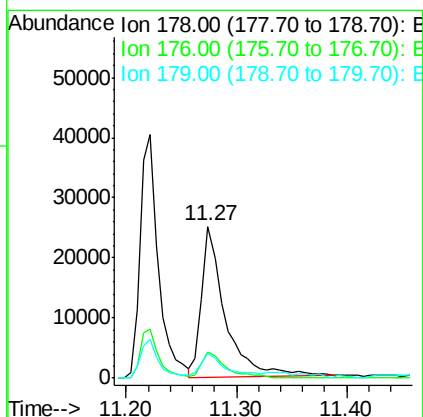
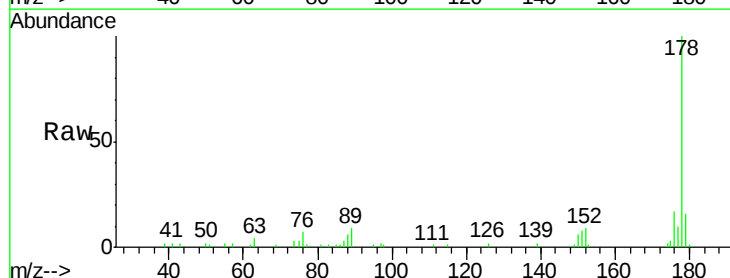
Instrument :
BNA_F
ClientSampleId :
TP-14-D

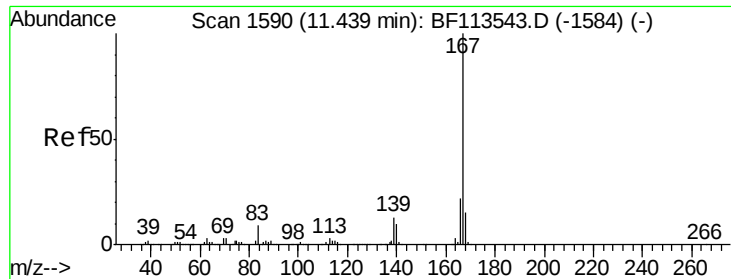
Tgt Ion:178 Resp: 47226
Ion Ratio Lower Upper
178 100
176 19.9 16.2 24.2
179 16.0 12.7 19.1



#72
Anthracene
Concen: 2012.964 ng
RT: 11.27 min Scan# 1562
Delta R.T. -0.01 min
Lab File: BF113801.D
Acq: 16 Apr 2019 18:53

Tgt Ion:178 Resp: 36026
Ion Ratio Lower Upper
178 100
176 17.4 15.4 23.2
179 16.4 12.8 19.2

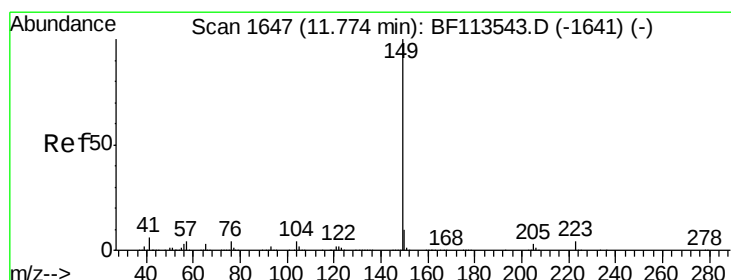
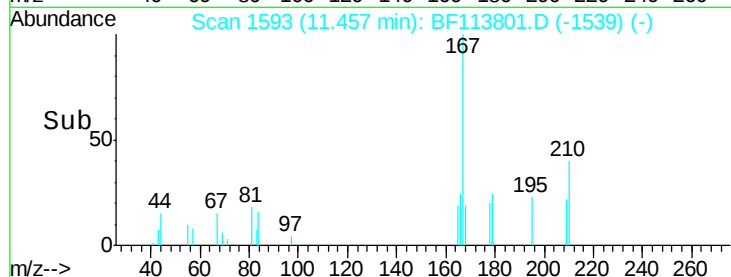
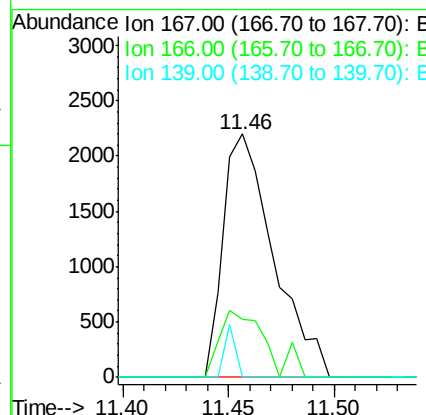
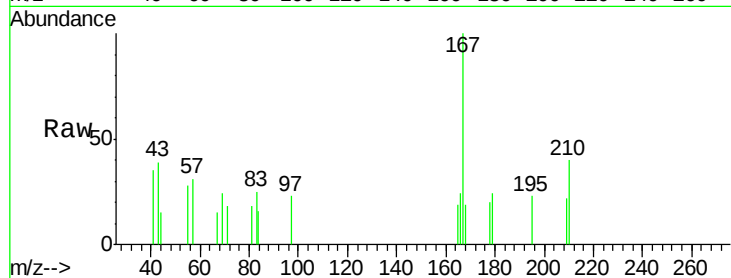




#73
 Carbazole
 Concen: 217.996 ng
 RT: 11.46 min Scan# 1593
 Delta R.T. 0.02 min
 Lab File: BF113801.D
 Acq: 16 Apr 2019 18:53

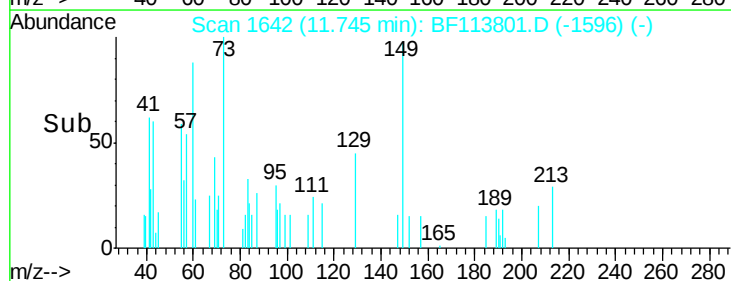
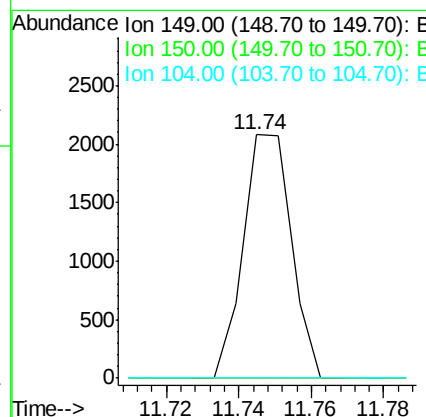
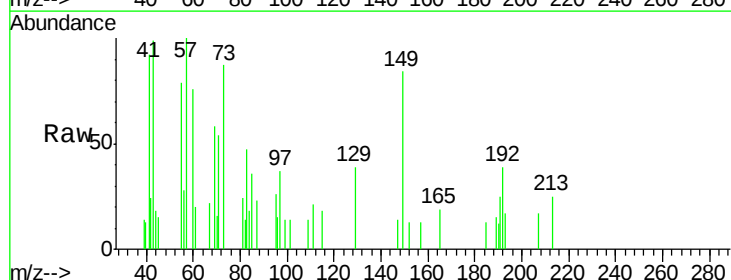
Instrument :
 BNA_F
 ClientSampleId :
 TP-14-D

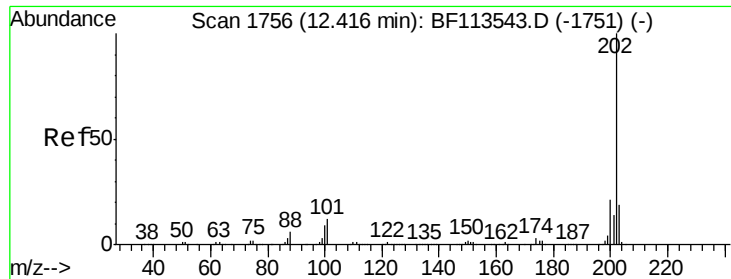
Tgt Ion:167 Resp: 3649
 Ion Ratio Lower Upper
 167 100
 166 24.0 17.4 26.0
 139 0.0 10.4 15.6#



#74
 Di-n-butylphthalate
 Concen: 96.273 ng
 RT: 11.74 min Scan# 1642
 Delta R.T. -0.03 min
 Lab File: BF113801.D
 Acq: 16 Apr 2019 18:53

Tgt Ion:149 Resp: 1917
 Ion Ratio Lower Upper
 149 100
 150 0.0 7.7 11.5#
 104 0.0 3.7 5.5#





#75

Fluoranthene

Concen: 3501.996 ng

RT: 12.40 min Scan# 1754

Delta R.T. -0.01 min

Lab File: BF113801.D

Acq: 16 Apr 2019 18:53

Instrument :

BNA_F

ClientSampleId :

TP-14-D

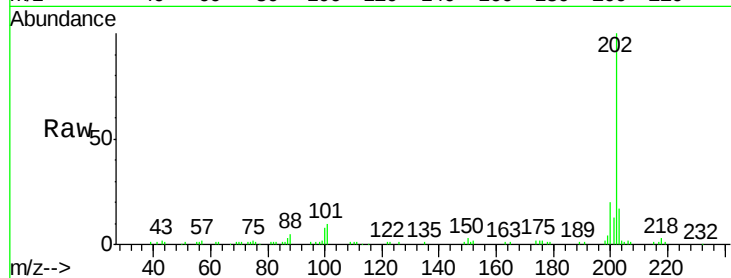
Tgt Ion:202 Resp: 66011

Ion Ratio Lower Upper

202 100

101 9.9 0.0 31.4

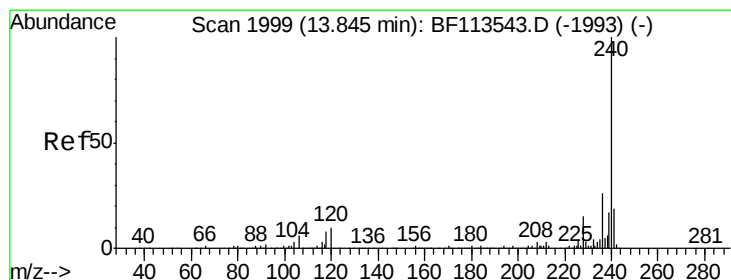
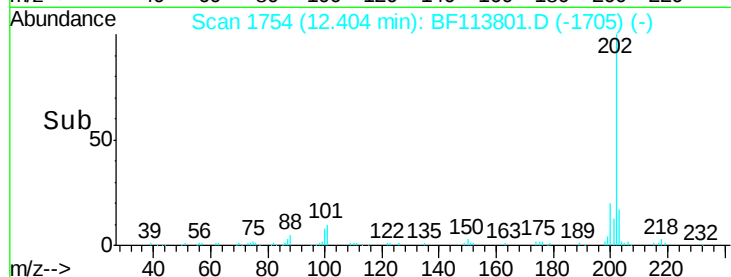
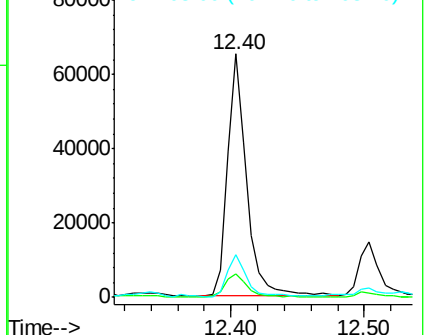
203 17.5 0.0 38.0



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.02 min

Lab File: BF113801.D

Acq: 16 Apr 2019 18:53

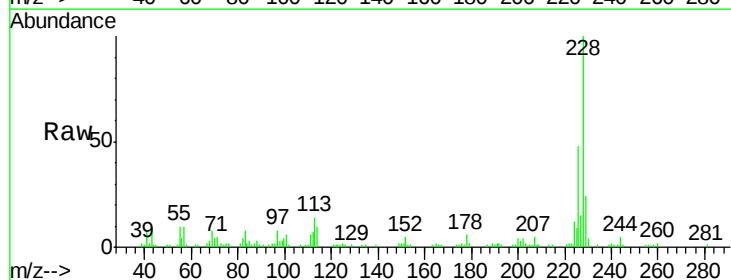
Tgt Ion:240 Resp: 693

Ion Ratio Lower Upper

240 100

120 0.0 8.8 13.2#

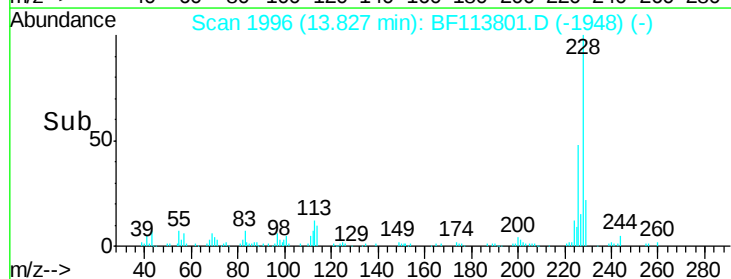
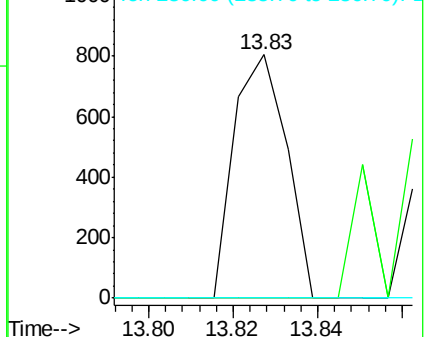
236 0.0 20.9 31.3#

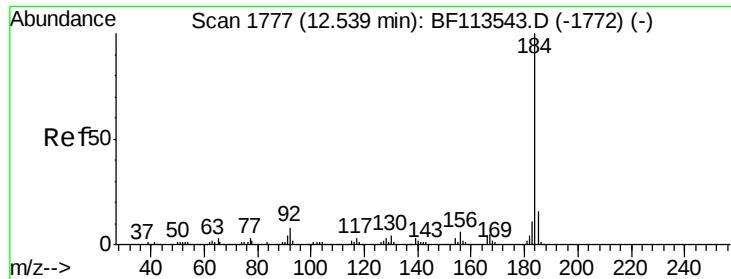


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 363.595 ng

RT: 12.76 min Scan# 1815

Delta R.T. 0.22 min

Lab File: BF113801.D

Acq: 16 Apr 2019 18:53

Instrument :

BNA_F

ClientSampleId :

TP-14-D

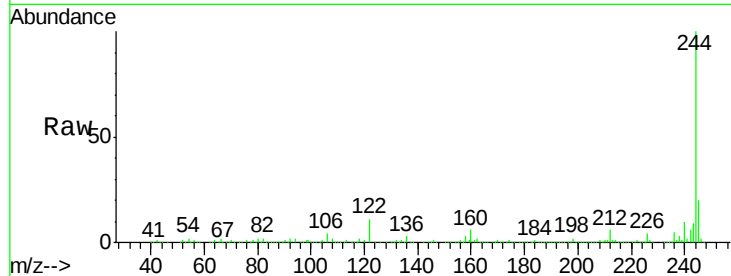
Tgt Ion:184 Resp: 9370

Ion Ratio Lower Upper

184 100

185 17.0 13.0 19.6

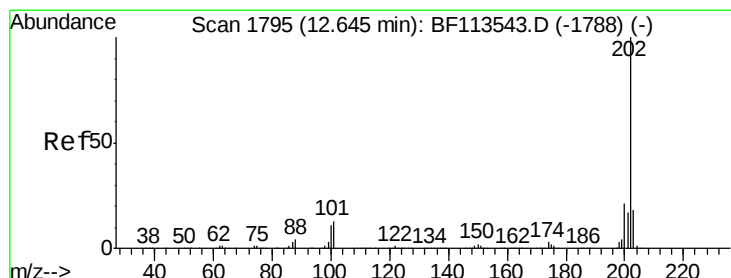
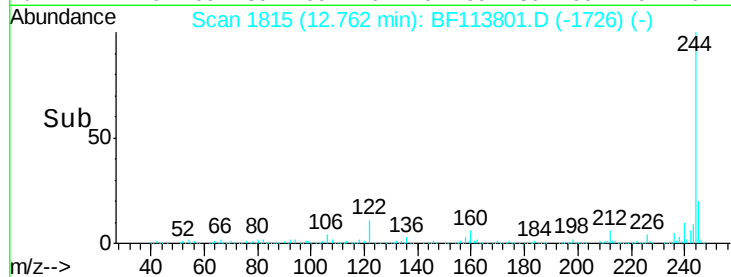
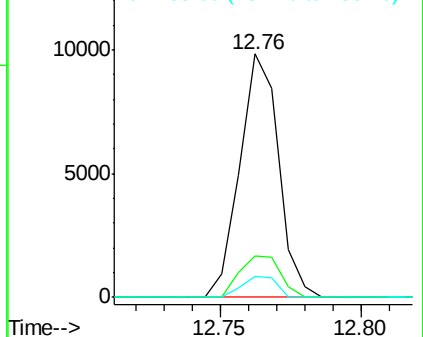
183 8.8 9.0 13.4#



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



#78

Pyrene

Concen: 2017.501 ng

RT: 12.63 min Scan# 1792

Delta R.T. -0.02 min

Lab File: BF113801.D

Acq: 16 Apr 2019 18:53

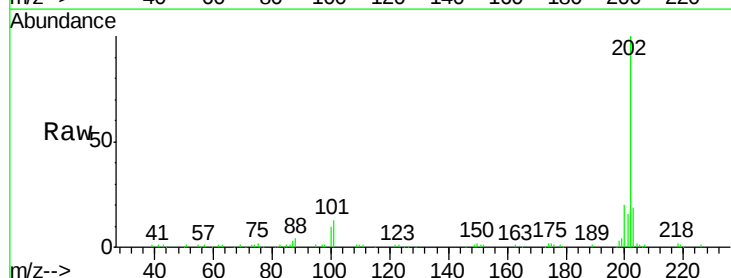
Tgt Ion:202 Resp: 106382

Ion Ratio Lower Upper

202 100

200 20.1 16.8 25.2

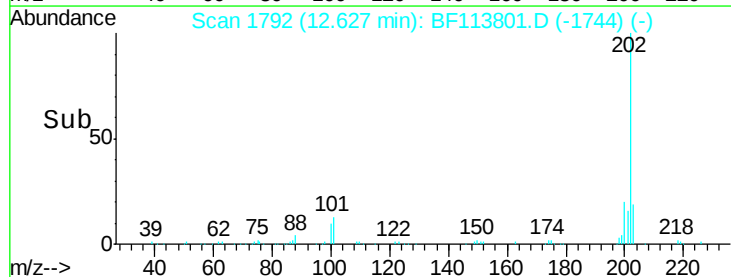
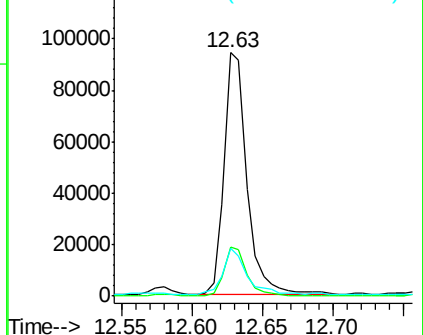
203 19.4 14.4 21.6

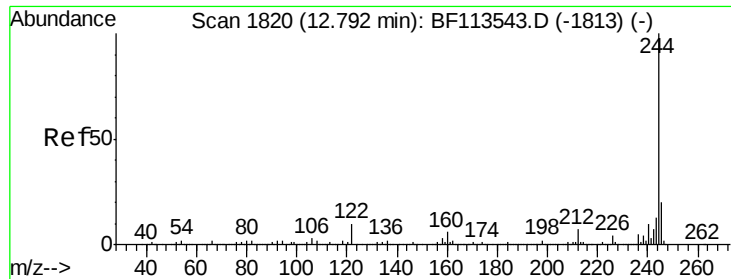


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 24870.237 ng

RT: 12.76 min Scan# 1815

Delta R.T. -0.03 min

Lab File: BF113801.D

Acq: 16 Apr 2019 18:53

Instrument :

BNA_F

ClientSampleId :

TP-14-D

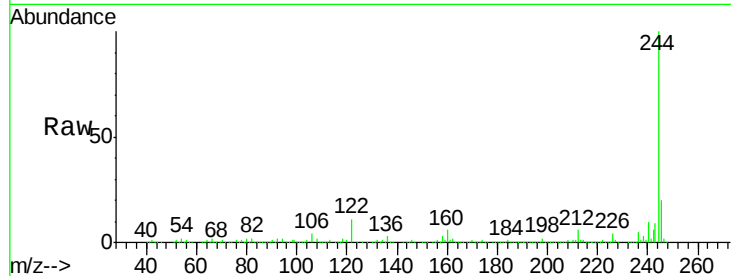
Tgt Ion:244 Resp: 846510

Ion Ratio Lower Upper

244 100

212 6.5 5.5 8.3

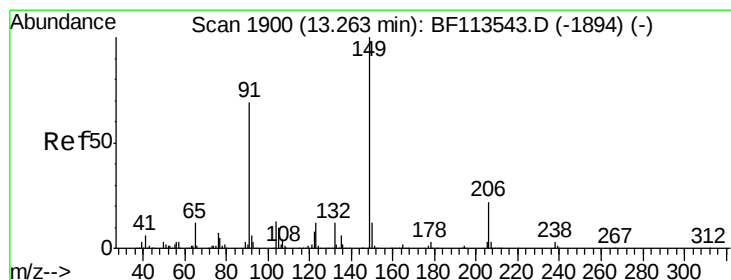
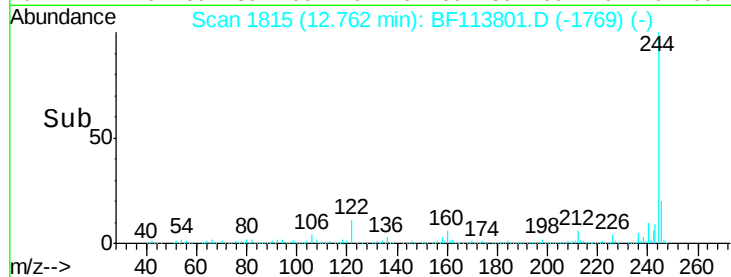
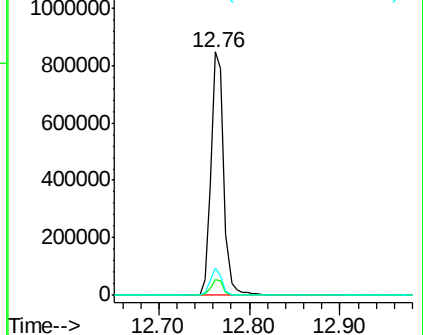
122 11.3 8.6 13.0



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 5.451 ng

RT: 13.24 min Scan# 1896

Delta R.T. -0.02 min

Lab File: BF113801.D

Acq: 16 Apr 2019 18:53

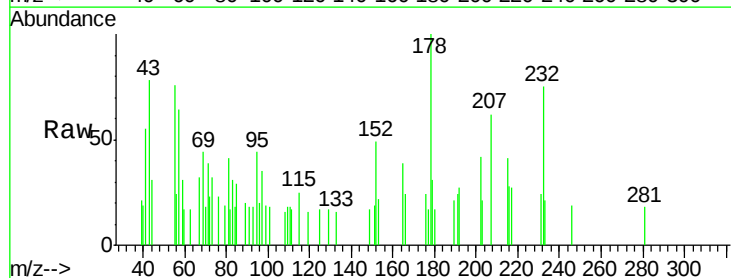
Tgt Ion:149 Resp: 117

Ion Ratio Lower Upper

149 100

91 100.9 55.2 82.8#

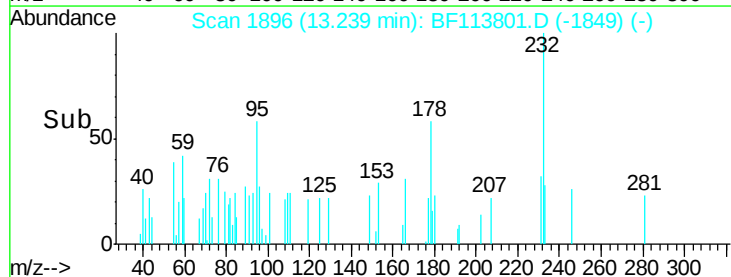
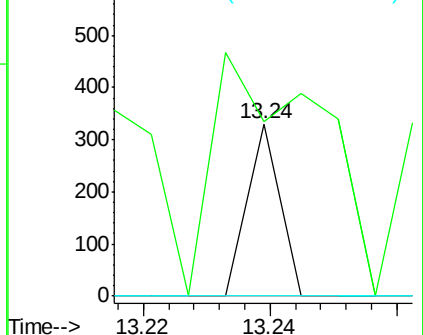
206 0.0 16.1 24.1#

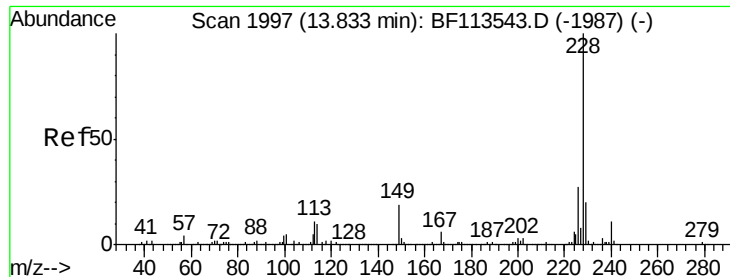


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 2836.301 ng

RT: 13.82 min Scan# 1994

Delta R.T. -0.02 min

Lab File: BF113801.D

Acq: 16 Apr 2019 18:53

Instrument :

BNA_F

ClientSampled :

TP-14-D

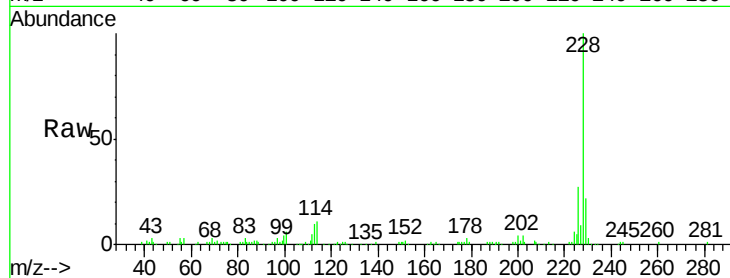
Tgt Ion:228 Resp: 113384

Ion Ratio Lower Upper

228 100

226 27.2 21.8 32.8

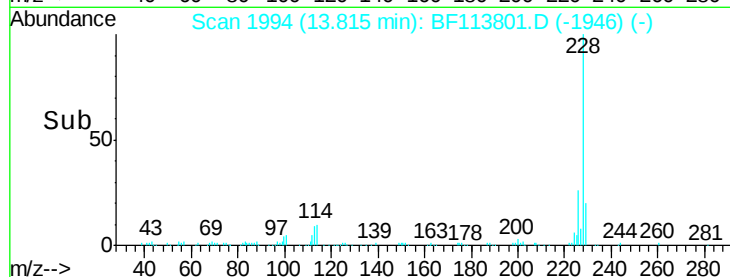
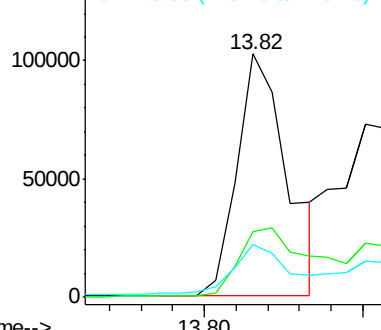
229 21.8 16.2 24.4



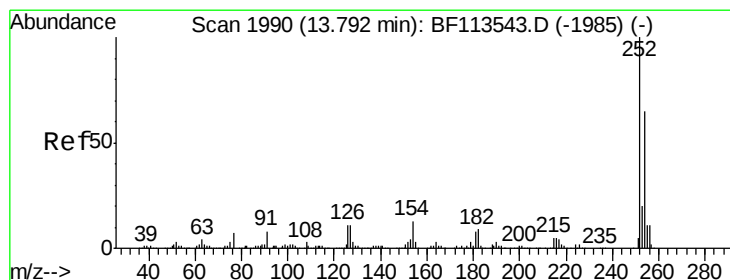
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#82

3,3'-Dichlorobenzidine

Concen: 102.095 ng

RT: 13.86 min Scan# 2001

Delta R.T. 0.06 min

Lab File: BF113801.D

Acq: 16 Apr 2019 18:53

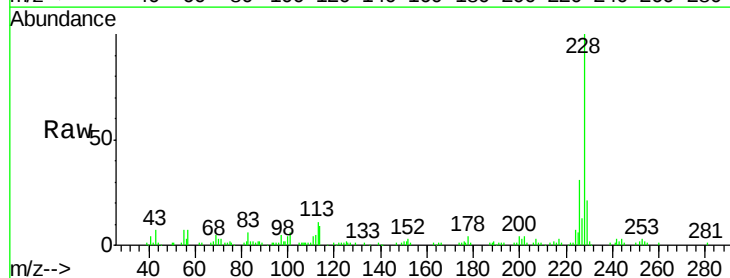
Tgt Ion:252 Resp: 1572

Ion Ratio Lower Upper

252 100

254 136.2 52.2 78.2#

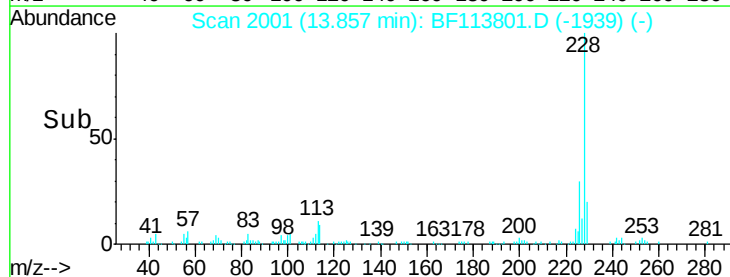
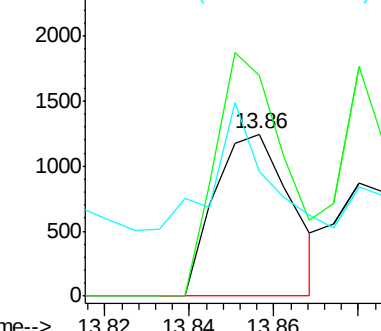
126 77.0 8.5 12.7#

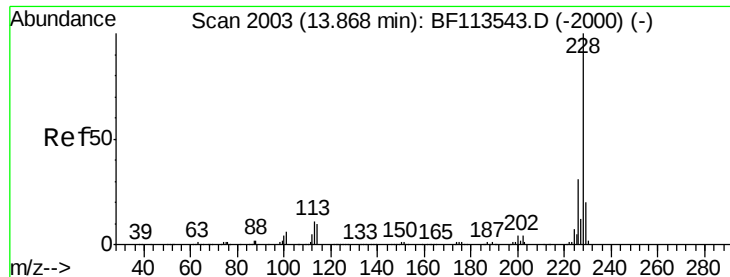


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

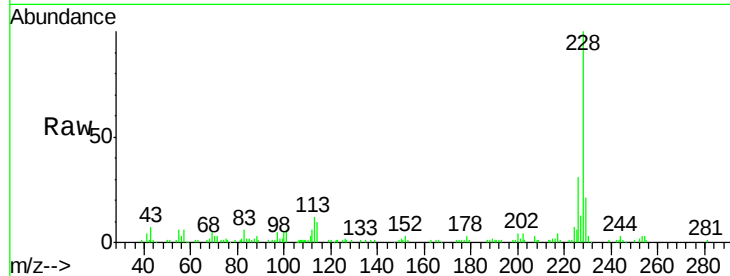




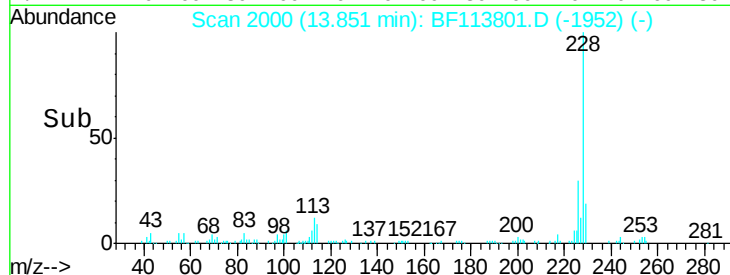
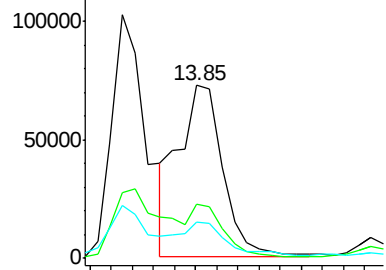
#83
 Chrysene
 Concen: 2603.716 ng
 RT: 13.85 min Scan# 2000
 Delta R.T. -0.02 min
 Lab File: BF113801.D
 Acq: 16 Apr 2019 18:53

Instrument :
 BNA_F
 ClientSampleId :
 TP-14-D

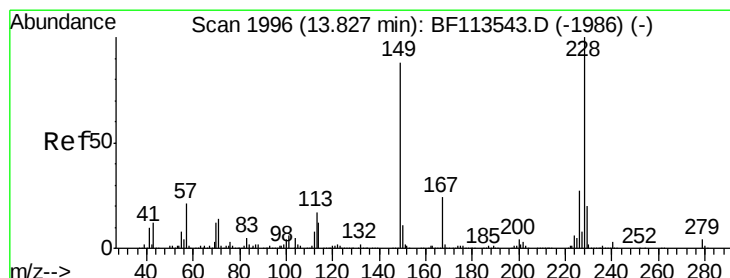
Tgt Ion: 228 Resp: 105514
 Ion Ratio Lower Upper
 228 100
 226 31.3 24.3 36.5
 229 21.3 16.3 24.5



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

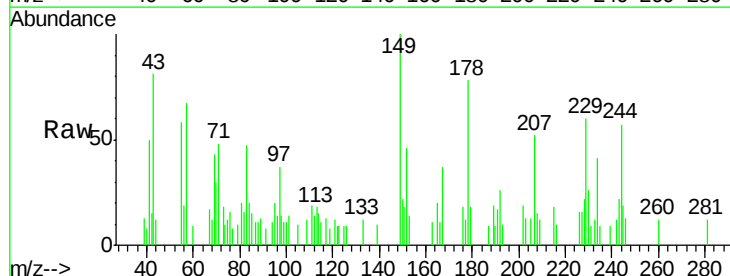


Time--> 13.80 13.85 13.90

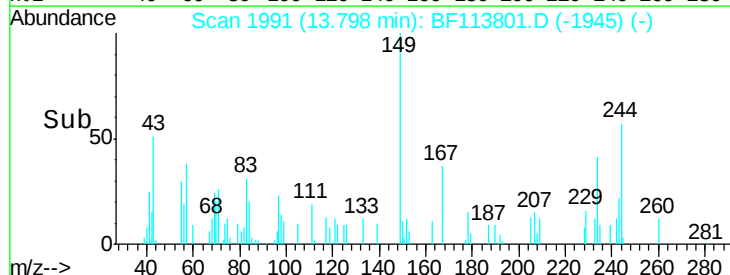
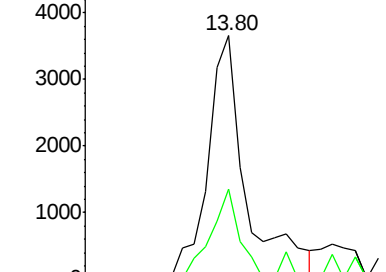


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 194.364 ng
 RT: 13.80 min Scan# 1991
 Delta R.T. -0.03 min
 Lab File: BF113801.D
 Acq: 16 Apr 2019 18:53

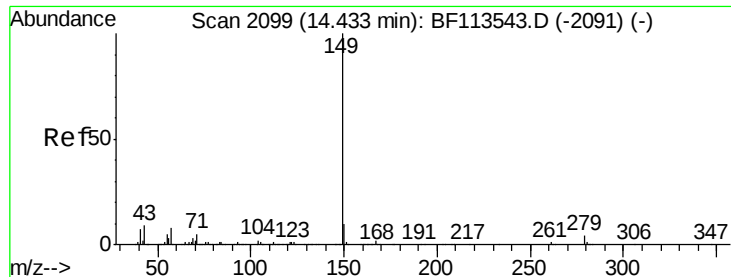
Tgt Ion: 149 Resp: 5044
 Ion Ratio Lower Upper
 149 100
 167 37.1 21.8 32.8#
 279 0.0 2.9 4.3#



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



Time--> 13.75 13.80 13.85



#85

Di-n-octyl phthalate

Concen: 33.070 ng

RT: 14.40 min Scan# 2094

Delta R.T. -0.03 min

Lab File: BF113801.D

Acq: 16 Apr 2019 18:53

Instrument :

BNA_F

ClientSampleID :

TP-14-D

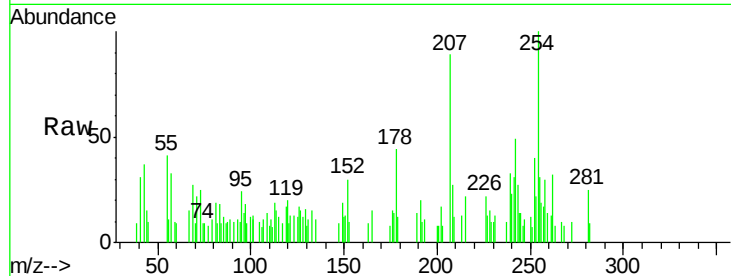
Tgt Ion:149 Resp: 1395

Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

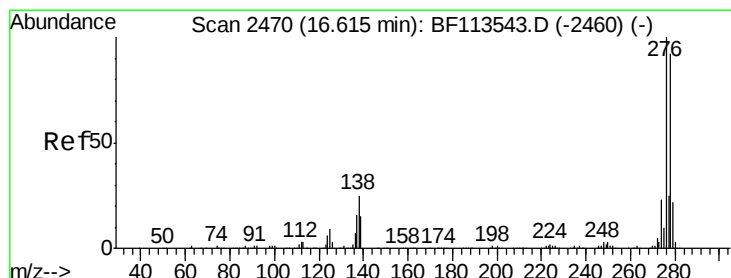
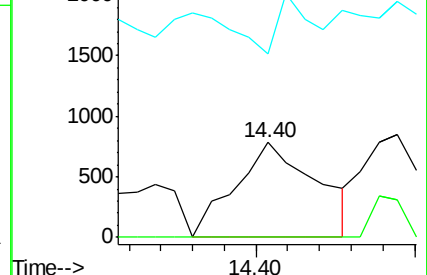
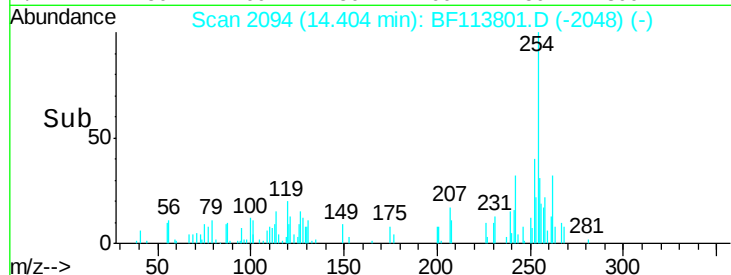
43 0.0 7.7 11.5#



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

Indeno(1,2,3-cd)pyrene

Concen: 3636.220 ng

RT: 16.61 min Scan# 2469

Delta R.T. -0.01 min

Lab File: BF113801.D

Acq: 16 Apr 2019 18:53

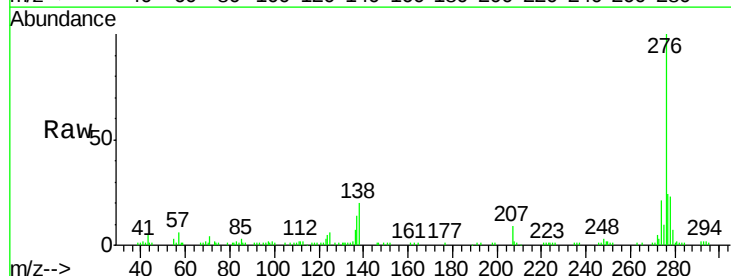
Tgt Ion:276 Resp: 136051

Ion Ratio Lower Upper

276 100

138 19.2 18.1 27.1

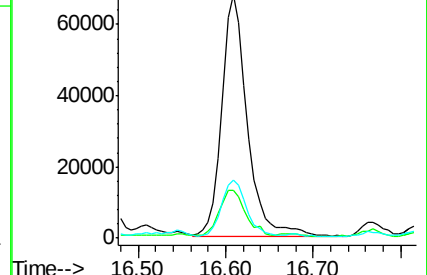
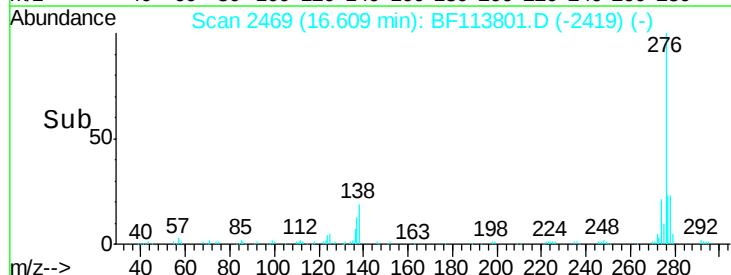
277 22.8 20.2 30.4

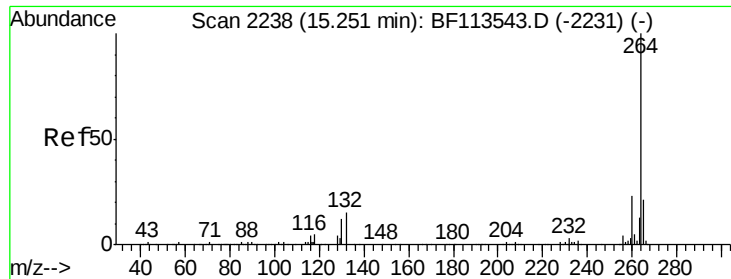


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

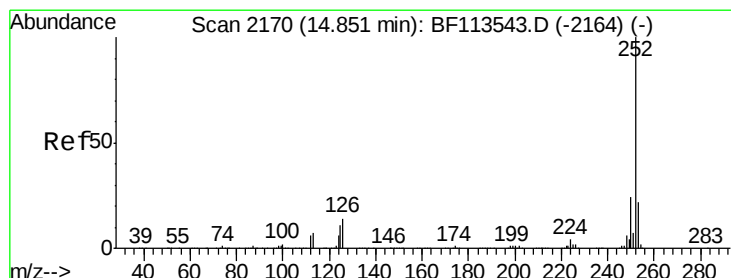
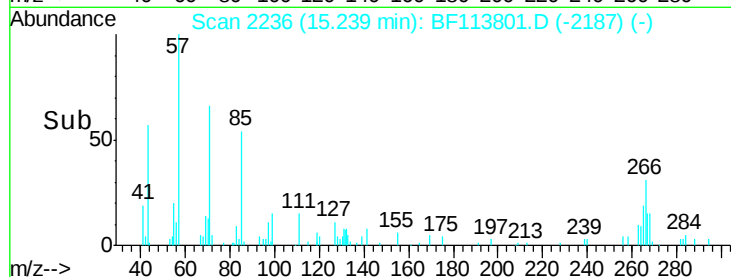
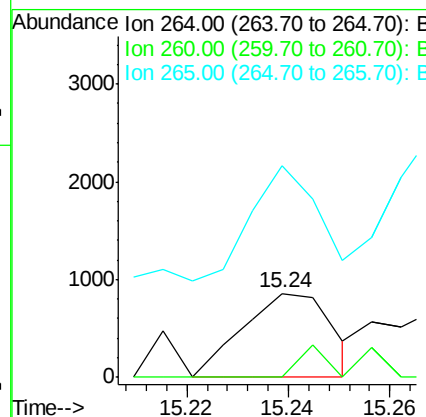
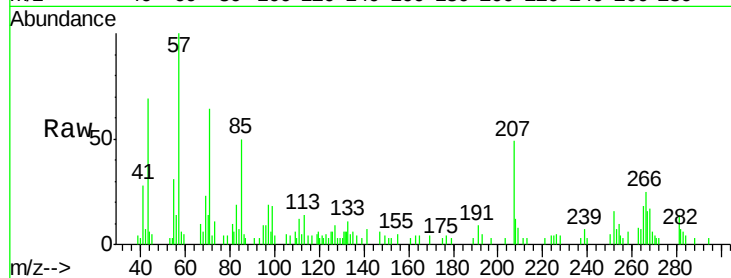




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2236
Delta R.T. -0.01 min
Lab File: BF113801.D
Acq: 16 Apr 2019 18:53

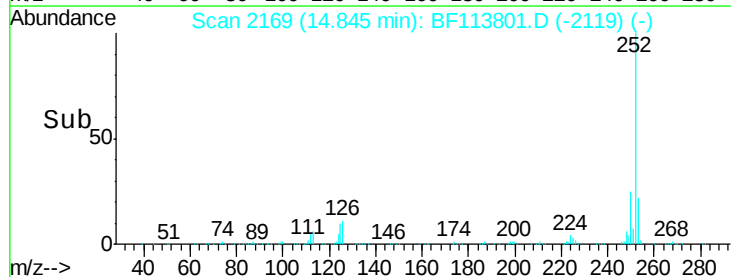
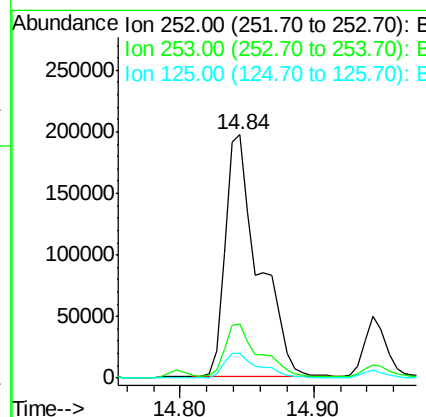
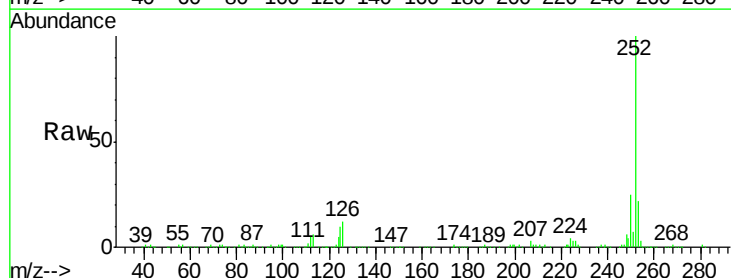
Instrument :
BNA_F
ClientSampleId :
TP-14-D

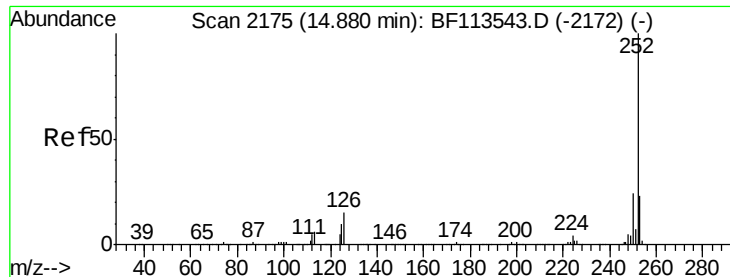
Tgt Ion: 264 Resp: 1045
Ion Ratio Lower Upper
264 100
260 0.0 19.1 28.7#
265 253.0 17.1 25.7#



#88
Benzo(b)fluoranthene
Concen: 5405.402 ng
RT: 14.84 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BF113801.D
Acq: 16 Apr 2019 18:53

Tgt Ion: 252 Resp: 345767
Ion Ratio Lower Upper
252 100
253 22.2 18.0 27.0
125 10.0 7.6 11.4

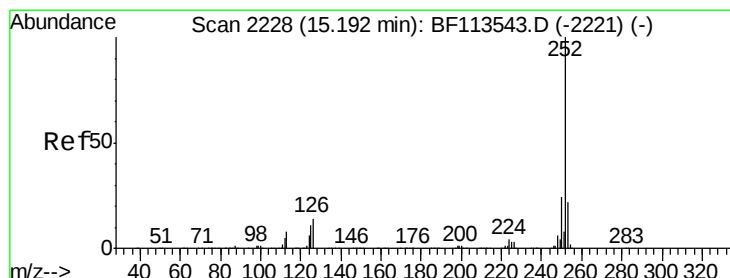
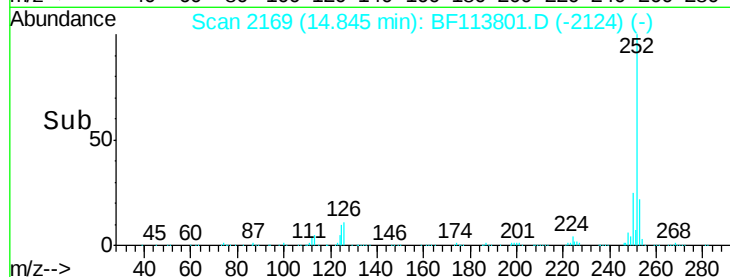
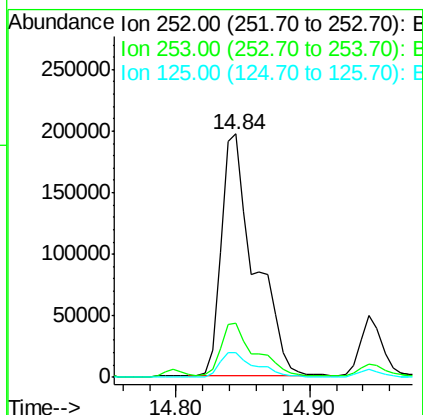
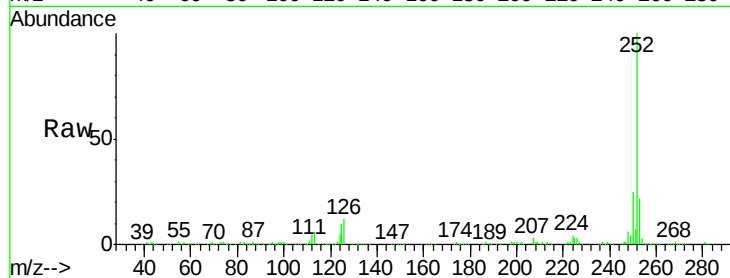




#89
Benzo(k)fluoranthene
Concen: 6022.889 ng
RT: 14.84 min Scan# 2169
Delta R.T. -0.04 min
Lab File: BF113801.D
Acq: 16 Apr 2019 18:53

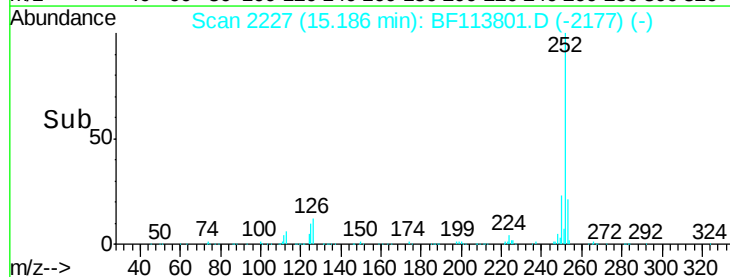
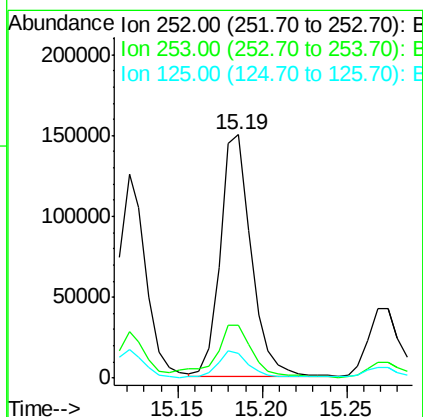
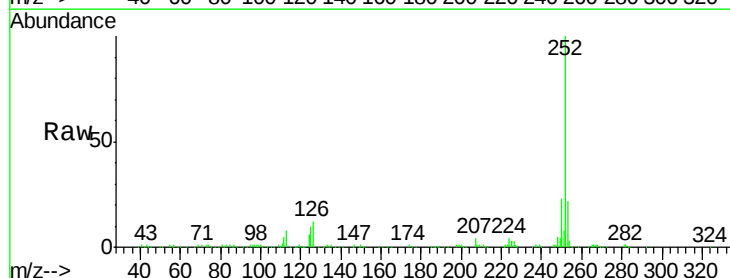
Instrument :
BNA_F
ClientSampled :
TP-14-D

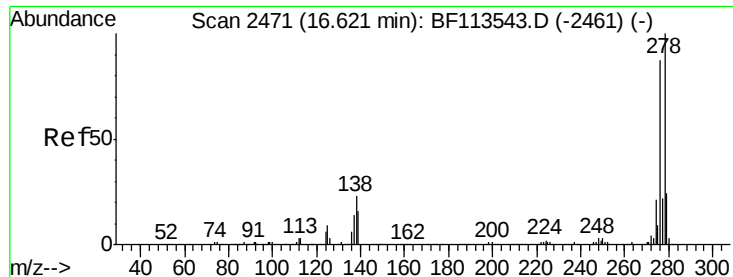
Tgt Ion:252 Resp: 345767
Ion Ratio Lower Upper
252 100
253 22.2 17.7 26.5
125 10.0 7.3 10.9



#90
Benzo(a)pyrene
Concen: 3367.673 ng
RT: 15.19 min Scan# 2227
Delta R.T. -0.01 min
Lab File: BF113801.D
Acq: 16 Apr 2019 18:53

Tgt Ion:252 Resp: 191422
Ion Ratio Lower Upper
252 100
253 21.9 17.9 26.9
125 10.1 8.8 13.2

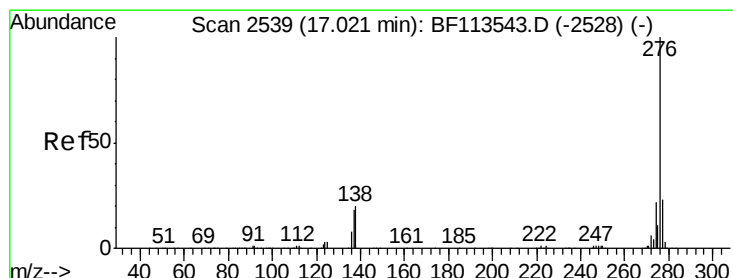
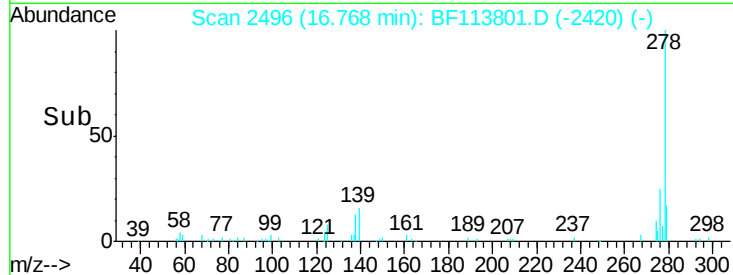
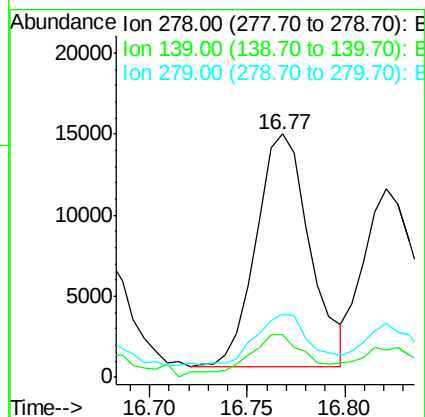
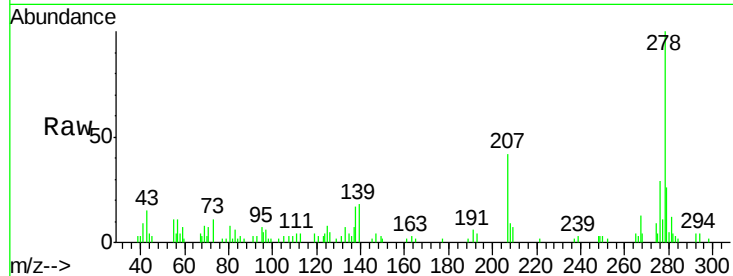




#91
Dibenzo(a,h)anthracene
Concen: 514.459 ng
RT: 16.77 min Scan# 2496
Delta R.T. 0.15 min
Lab File: BF113801.D
Acq: 16 Apr 2019 18:53

Instrument :
BNA_F
ClientSampleId :
TP-14-D

Tgt Ion:278 Resp: 27346
Ion Ratio Lower Upper
278 100
139 17.6 12.0 18.0
279 26.1 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 2023.384 ng
RT: 17.02 min Scan# 2539
Delta R.T. -0.00 min
Lab File: BF113801.D
Acq: 16 Apr 2019 18:53

Tgt Ion:276 Resp: 109778
Ion Ratio Lower Upper
276 100
277 25.9 18.8 28.2
138 20.4 15.6 23.4

