

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032719\
 Data File : BF113334.D
 Acq On : 27 Mar 2019 16:47
 Operator : JU/SJ
 Sample : K2086-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CS-14

Quant Time: Mar 28 01:08:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 03:32:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	172689	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	651360	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	309334	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	580952	20.00	ng	0.00
76) Chrysene-d12	13.84	240	396850	20.00	ng	0.00
87) Perylene-d12	15.24	264	430103	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	935423	88.57	ng	0.00
7) Phenol-d6	6.35	99	1241242	92.90	ng	0.00
23) Nitrobenzene-d5	7.26	82	755297	68.83	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	319342	83.58	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1399335	67.21	ng	0.00
79) Terphenyl-d14	12.79	244	1235679	68.63	ng	0.00

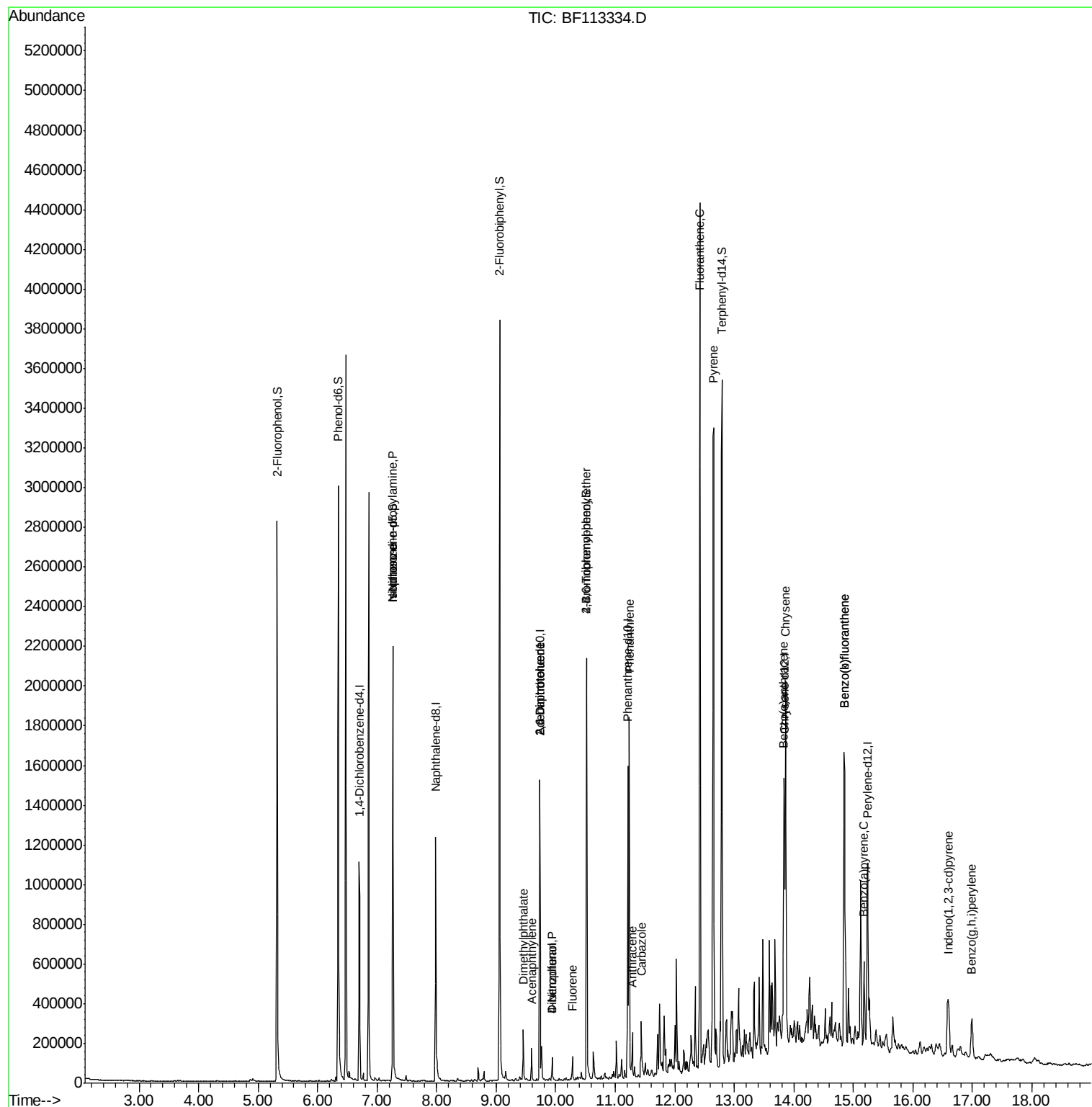
Target Compounds				Qvalue		
19) n-Nitroso-di-n-propylamine	7.26	70	95120	11.334	ng	# 77
20) 3+4-Methylphenols	7.16	107	351	Below	Cal	# 17
25) Isophorone	7.26	82	747729	35.158	ng	# 64
49) Acenaphthylene	9.59	152	71438	2.221	ng	99
50) Dimethylphthalate	9.45	163	112913	4.926	ng	99
51) 2,6-Dinitrotoluene	9.73	165	40273	7.787	ng	# 27
55) Dibenzofuran	9.94	168	54865	2.015	ng	94
56) 4-Nitrophenol	9.94	139	18410	4.428	ng	# 9
57) 2,4-Dinitrotoluene	9.73	165	40273	6.124	ng	# 23
58) Fluorene	10.28	166	42868	2.027	ng	95
67) 4-Bromophenyl-phenylether	10.52	248	17823	2.815	ng	# 1
71) Phenanthrene	11.23	178	637400	22.093	ng	98
72) Anthracene	11.29	178	109460	3.735	ng	97
73) Carbazole	11.44	167	124265	4.444	ng	98
75) Fluoranthene	12.42	202	1972619	60.483	ng	98
78) Pyrene	12.65	202	1501001	54.581	ng	99
81) Benzo(a)anthracene	13.83	228	225953	9.947	ng	93
83) Chrysene	13.86	228	760178	32.946	ng	99
86) Indeno(1,2,3-cd)pyrene	16.59	276	188735	9.531	ng	95
88) Benzo(b)fluoranthene	14.84	252	1030543	38.571	ng	98
89) Benzo(k)fluoranthene	14.84	252	1030543	43.922	ng	# 98
90) Benzo(a)pyrene	15.18	252	182385	7.700	ng	98
92) Benzo(g,h,i)perylene	16.99	276	167597	8.116	ng	98

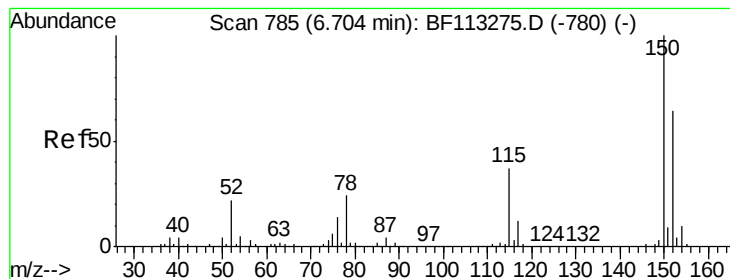
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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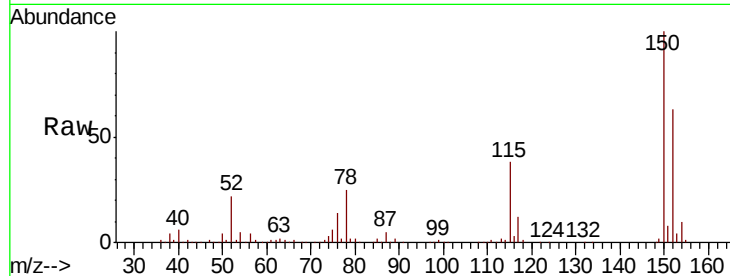


#1

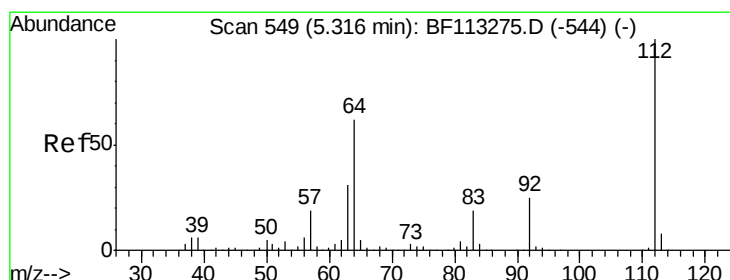
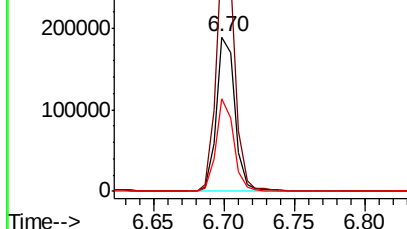
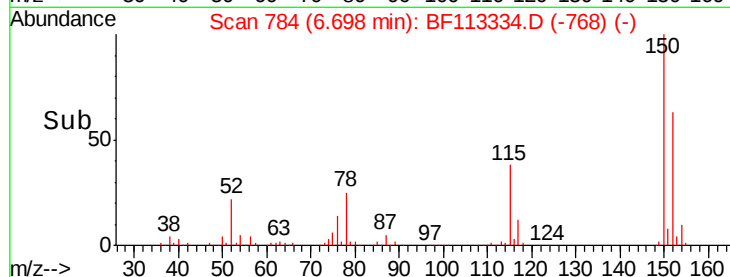
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF113334.D
Acq: 27 Mar 2019 16:47

Instrument :
BNA_F
ClientSampleId :
CS-14

Tgt Ion:152 Resp: 172689
Ion Ratio Lower Upper
152 100
150 157.8 124.7 187.1
115 60.0 46.0 69.0



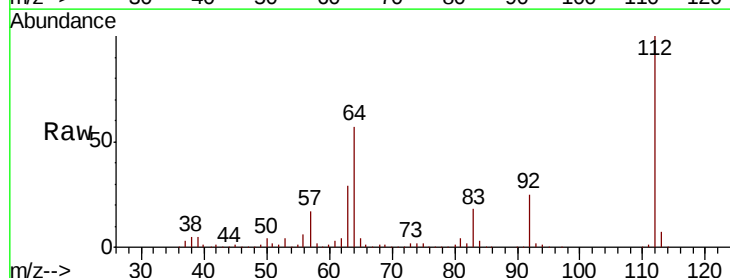
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



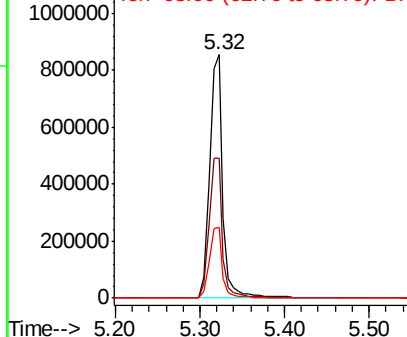
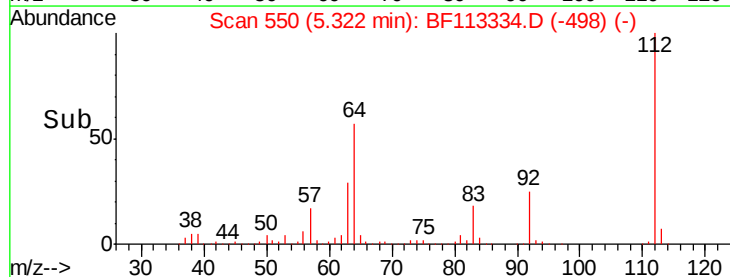
#5

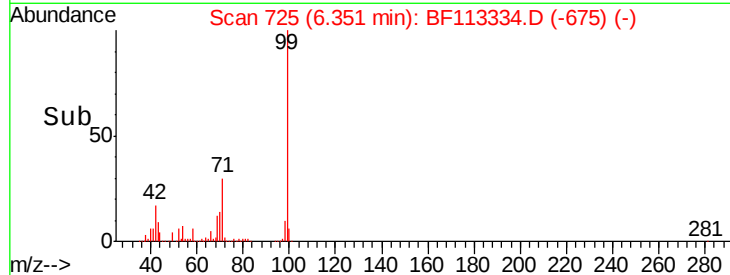
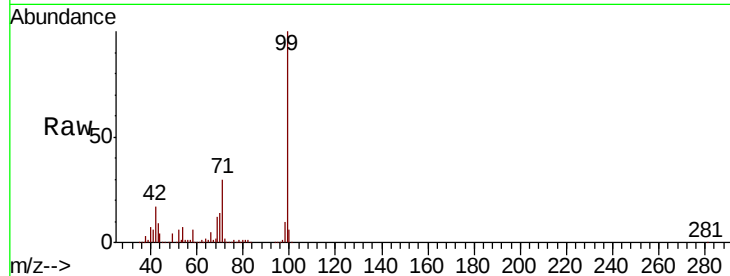
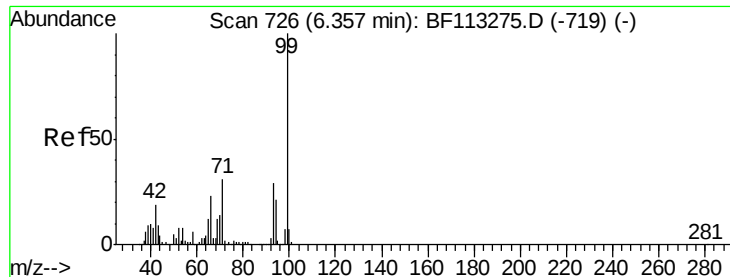
2-Fluorophenol
Concen: 88.571 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.01 min
Lab File: BF113334.D
Acq: 27 Mar 2019 16:47

Tgt Ion:112 Resp: 935423
Ion Ratio Lower Upper
112 100
64 57.2 49.2 73.8
63 29.0 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

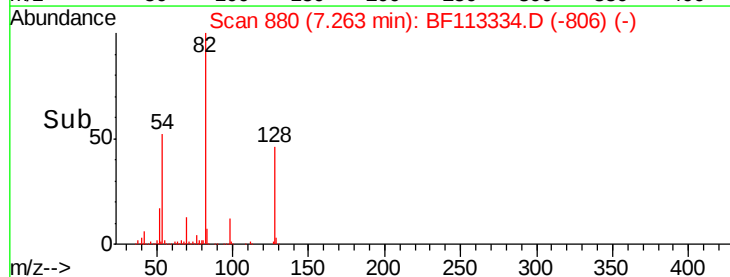
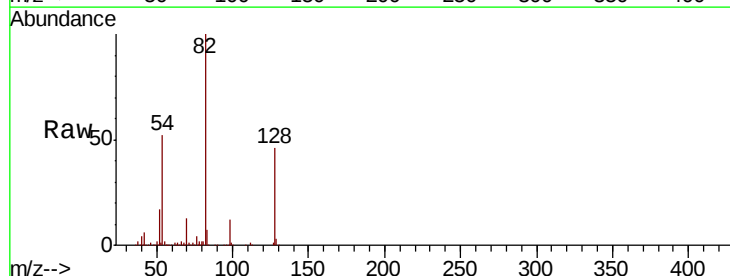
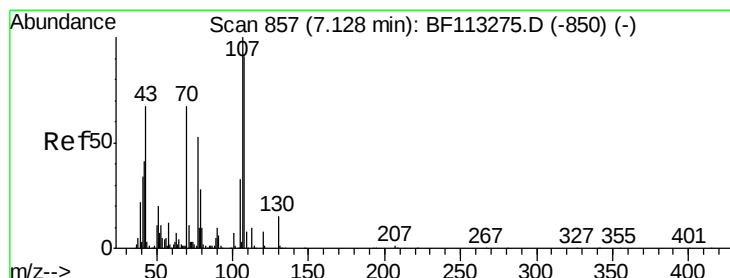
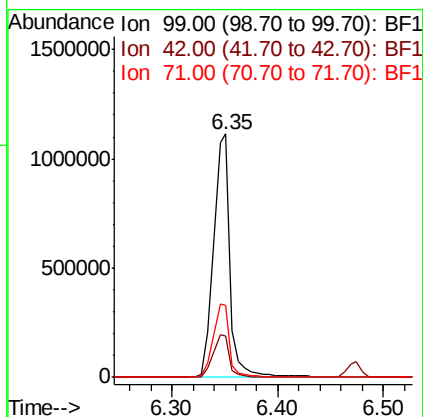




#7
Phenol-d6
Concen: 92.904 ng
RT: 6.35 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF113334.D
Acq: 27 Mar 2019 16:47

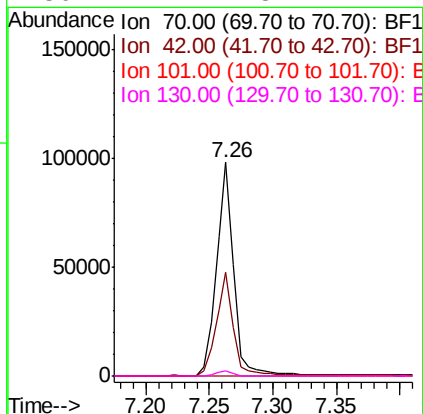
Instrument :
BNA_F
ClientSampled :
CS-14

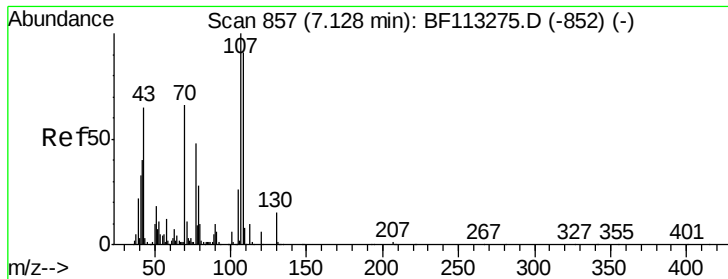
Tgt Ion: 99 Resp: 1241242
Ion Ratio Lower Upper
99 100
42 16.8 14.8 22.2
71 29.8 24.9 37.3



#19
n-Nitroso-di-n-propylamine
Concen: 11.334 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.14 min
Lab File: BF113334.D
Acq: 27 Mar 2019 16:47

Tgt Ion: 70 Resp: 95120
Ion Ratio Lower Upper
70 100
42 48.7 48.4 72.6
101 0.0 7.8 11.8#
130 2.4 18.2 27.4#

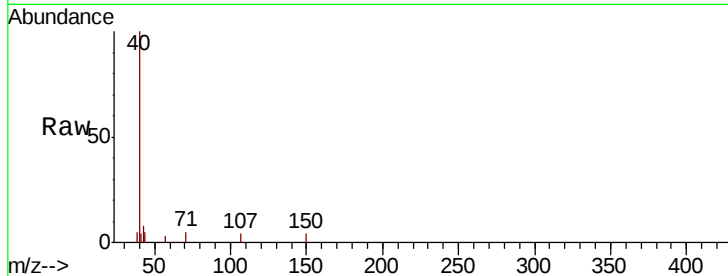




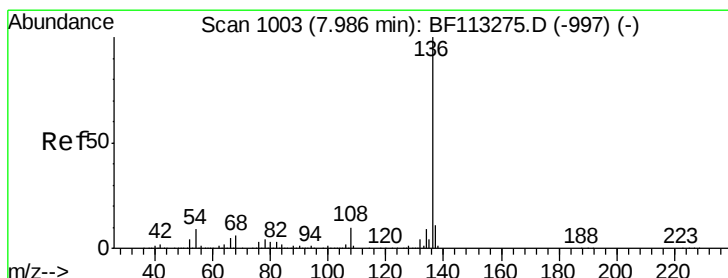
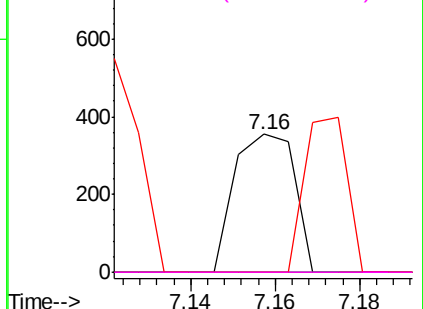
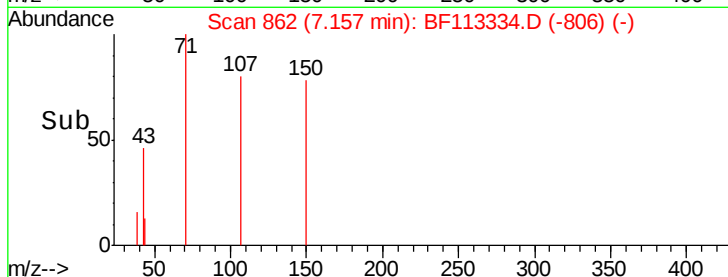
#20
 3+4-Methylphenols
 Concen: Below Cal
 RT: 7.16 min Scan# 862
 Delta R.T. 0.03 min
 Lab File: BF113334.D
 Acq: 27 Mar 2019 16:47

Instrument :
 BNA_F
 ClientSampleId :
 CS-14

Tgt Ion:107 Resp: 351
 Ion Ratio Lower Upper
 107 100
 108 0.0 71.4 111.4#
 77 0.0 33.5 73.5#
 79 0.0 8.3 48.3#

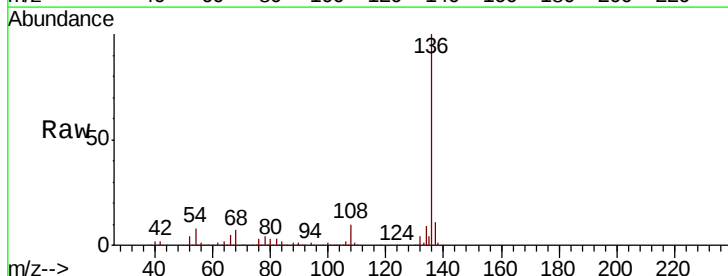


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 77.00 (76.70 to 77.70): BF1
 Ion 79.00 (78.70 to 79.70): BF1

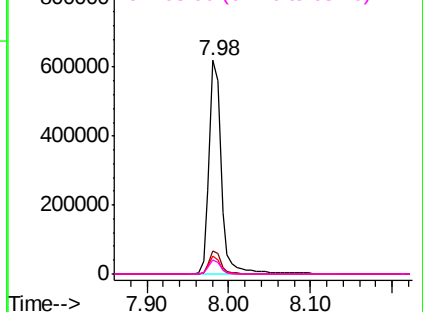
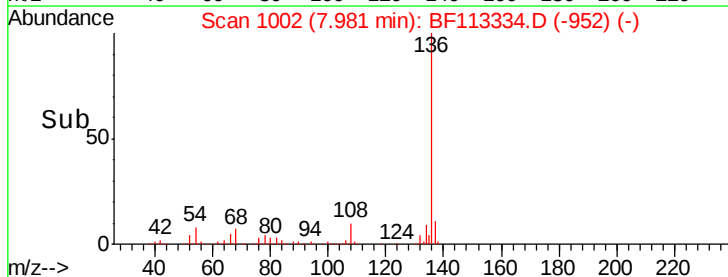


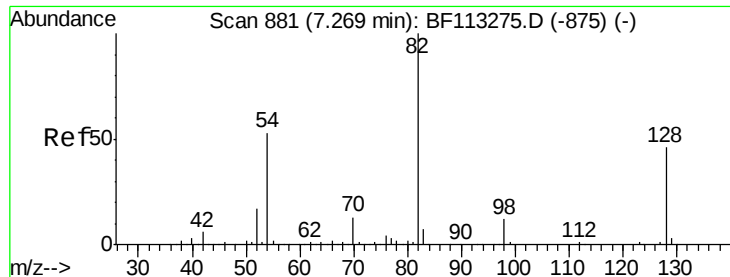
#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 7.98 min Scan# 1002
 Delta R.T. -0.01 min
 Lab File: BF113334.D
 Acq: 27 Mar 2019 16:47

Tgt Ion:136 Resp: 651360
 Ion Ratio Lower Upper
 136 100
 137 11.0 8.9 13.3
 54 8.4 7.0 10.6
 68 6.7 4.8 7.2



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

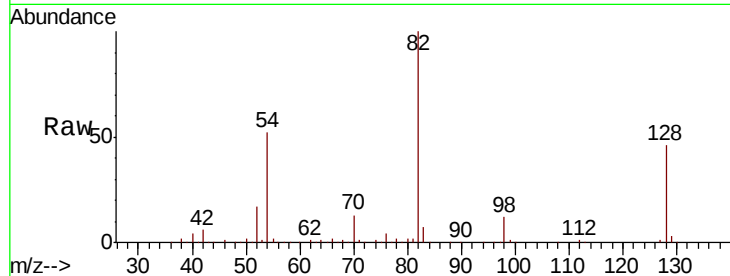




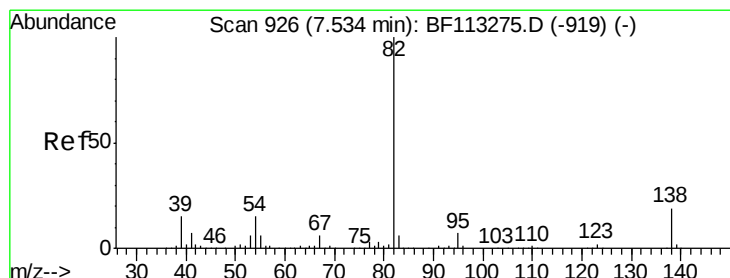
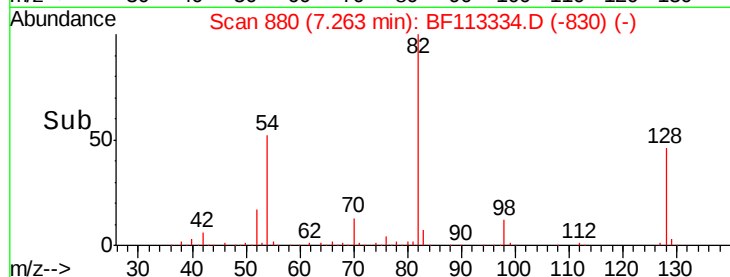
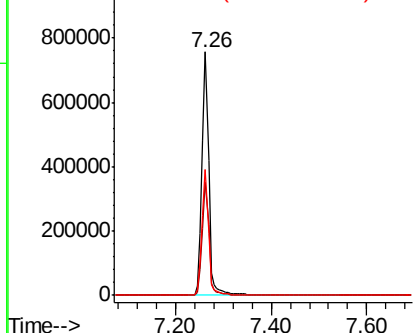
#23
 Nitrobenzene-d5
 Concen: 68.825 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.00 min
 Lab File: BF113334.D
 Acq: 27 Mar 2019 16:47

Instrument :
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 ClientSampleId :
 CS-14

Tgt Ion: 82 Resp: 755297
 Ion Ratio Lower Upper
 82 100
 128 46.2 36.5 54.7
 54 51.5 42.2 63.2

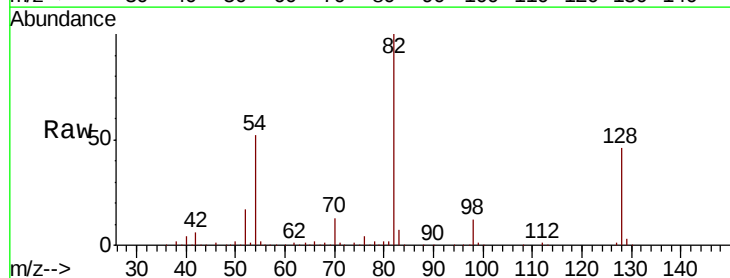


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

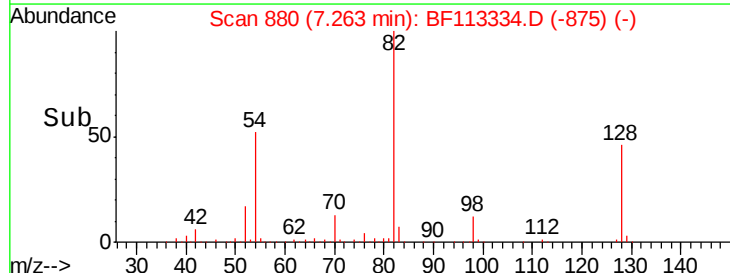
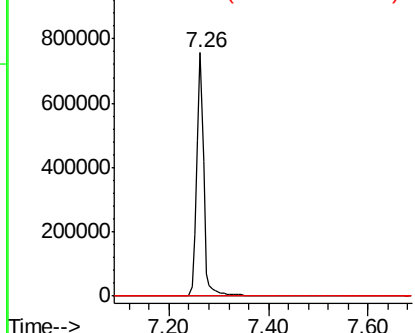


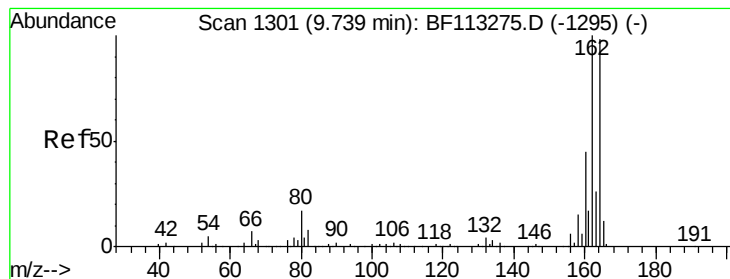
#25
 Isophorone
 Concen: 35.158 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.27 min
 Lab File: BF113334.D
 Acq: 27 Mar 2019 16:47

Tgt Ion: 82 Resp: 747729
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.5 8.3#
 138 0.0 15.2 22.8#



Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 138.00 (137.70 to 138.70): BF1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF113334.D

Acq: 27 Mar 2019 16:47

Instrument :

BNA_F

ClientSampleId :

CS-14

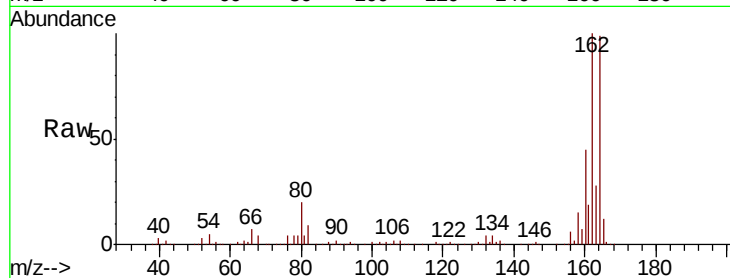
Tgt Ion:164 Resp: 309334

Ion Ratio Lower Upper

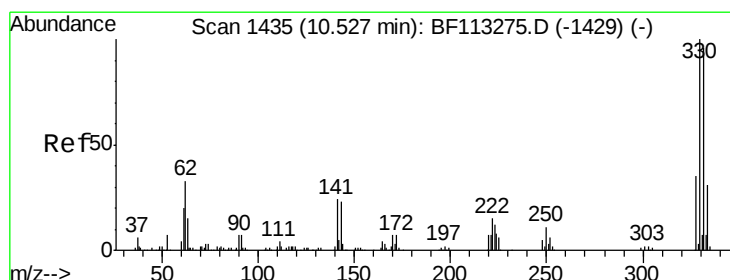
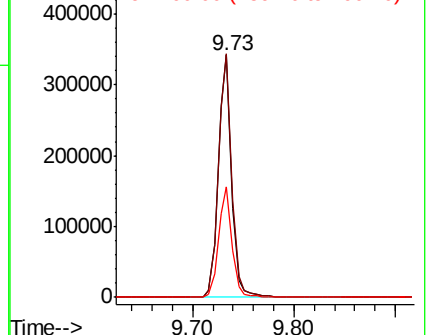
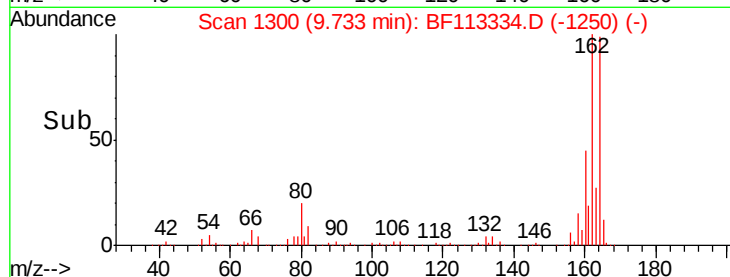
164 100

162 100.6 81.8 122.6

160 45.4 36.4 54.6



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



#42

2,4,6-Tribromophenol

Concen: 83.576 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF113334.D

Acq: 27 Mar 2019 16:47

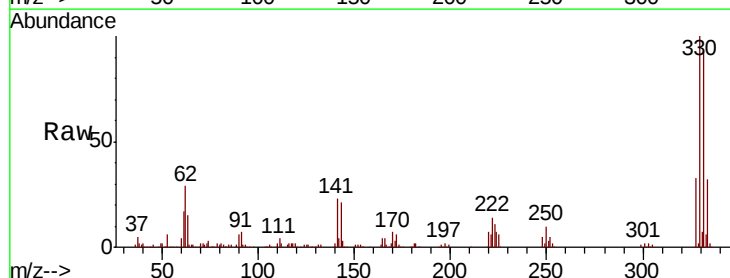
Tgt Ion:330 Resp: 319342

Ion Ratio Lower Upper

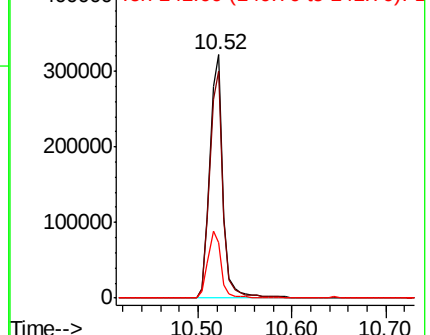
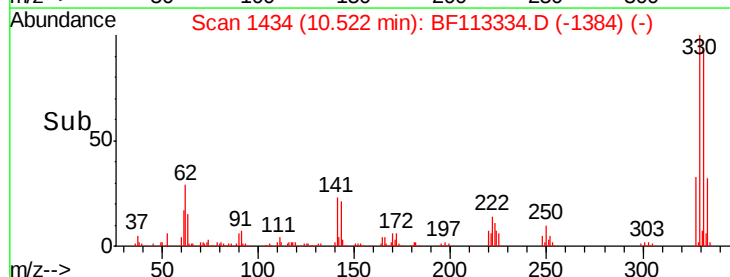
330 100

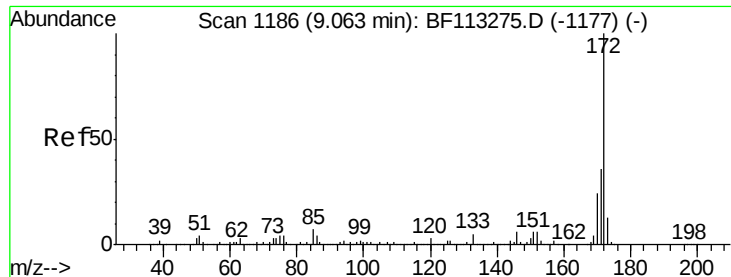
332 94.6 77.8 116.6

141 28.1 22.7 34.1



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

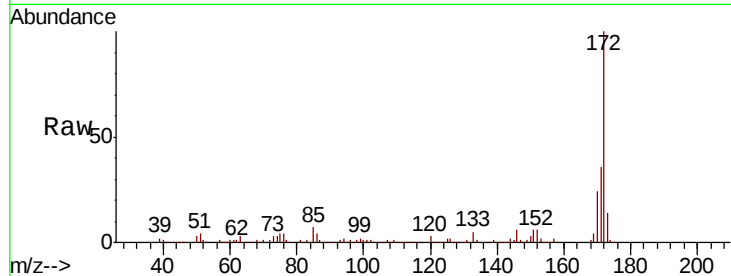




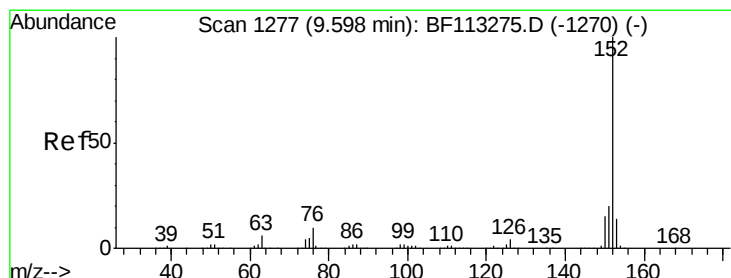
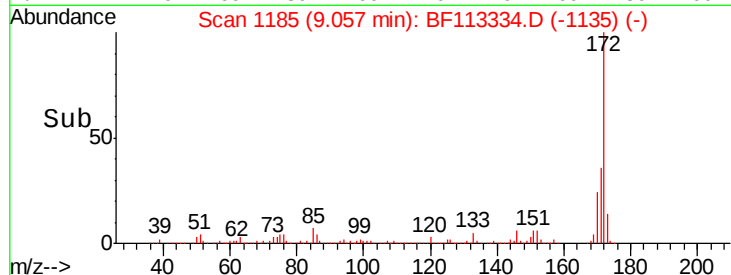
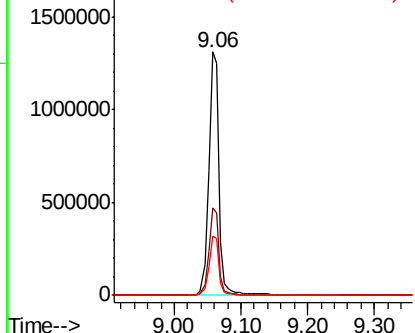
#45
2-Fluorobiphenyl
Concen: 67.212 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.00 min
Lab File: BF113334.D
Acq: 27 Mar 2019 16:47

Instrument :
BNA_F
ClientSampleId :
CS-14

Tgt Ion:172 Resp: 1399335
Ion Ratio Lower Upper
172 100
171 35.8 29.0 43.6
170 24.1 19.5 29.3

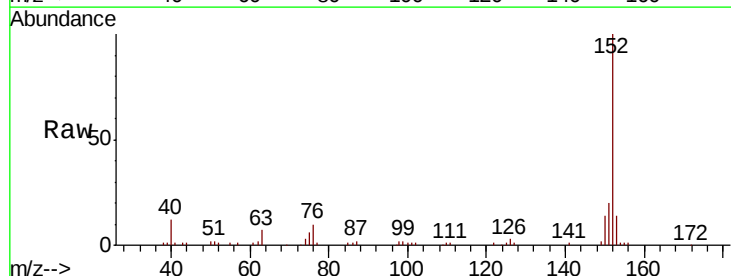


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

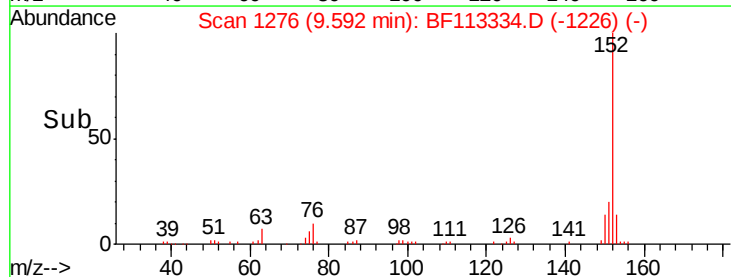
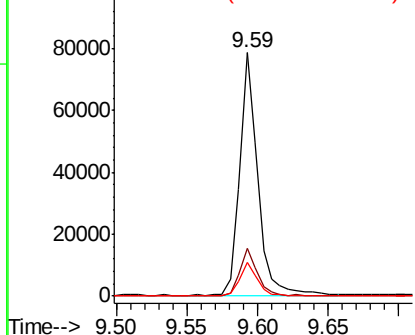


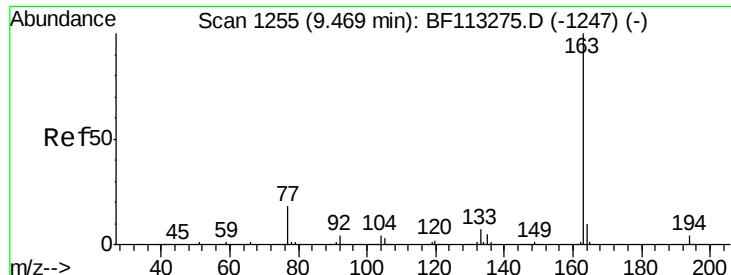
#49
Acenaphthylene
Concen: 2.221 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.01 min
Lab File: BF113334.D
Acq: 27 Mar 2019 16:47

Tgt Ion:152 Resp: 71438
Ion Ratio Lower Upper
152 100
151 19.8 16.2 24.4
153 14.0 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

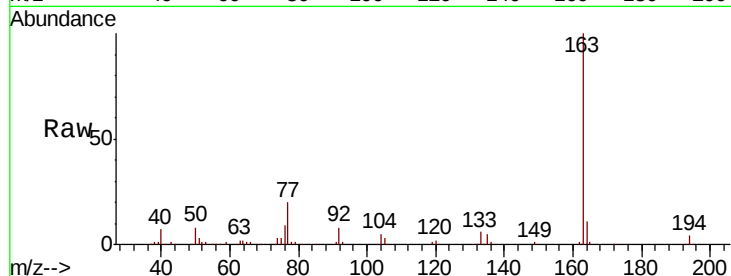




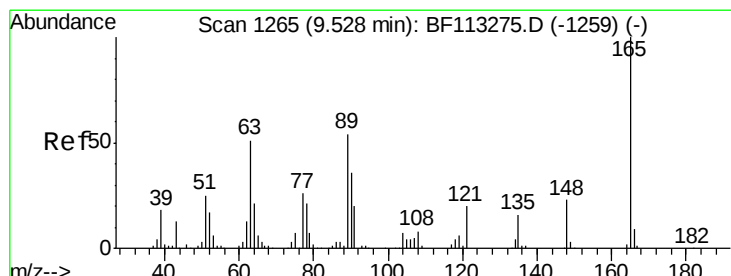
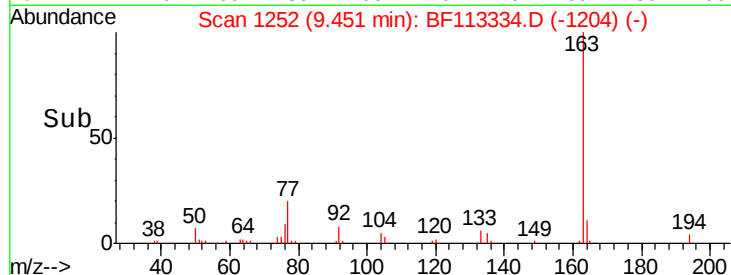
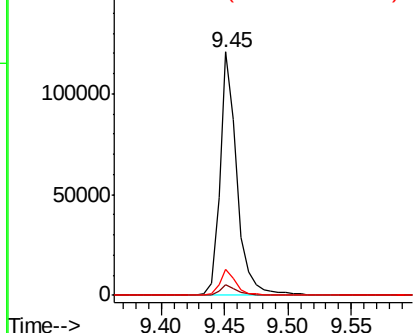
#50
Dimethylphthalate
Concen: 4.926 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF113334.D
Acq: 27 Mar 2019 16:47

Instrument :
BNA_F
ClientSampleId :
CS-14

Tgt Ion:163 Resp: 112913
Ion Ratio Lower Upper
163 100
194 4.2 3.0 4.6
164 10.6 8.1 12.1

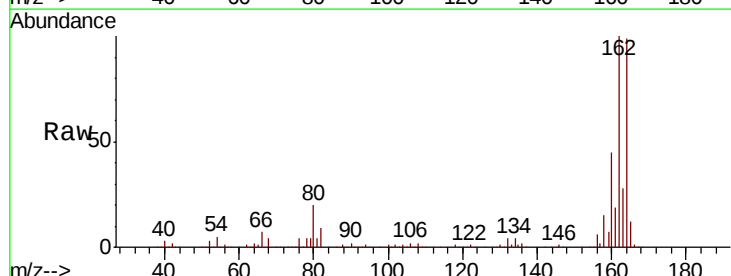


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

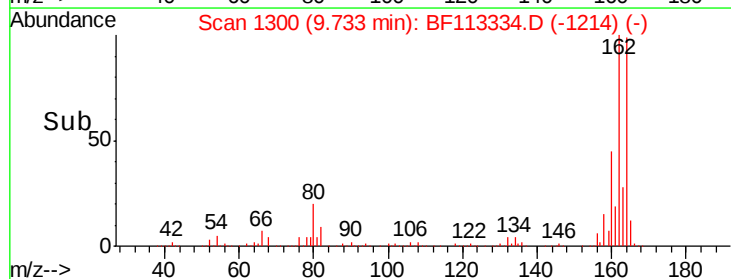
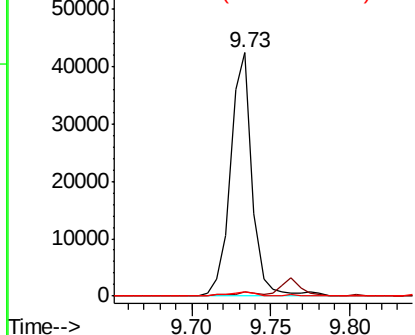


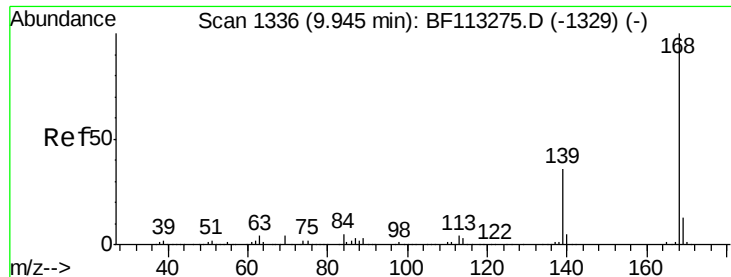
#51
2,6-Dinitrotoluene
Concen: 7.787 ng
RT: 9.73 min Scan# 1300
Delta R.T. 0.21 min
Lab File: BF113334.D
Acq: 27 Mar 2019 16:47

Tgt Ion:165 Resp: 40273
Ion Ratio Lower Upper
165 100
63 1.5 43.4 65.0#
89 1.5 43.1 64.7#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

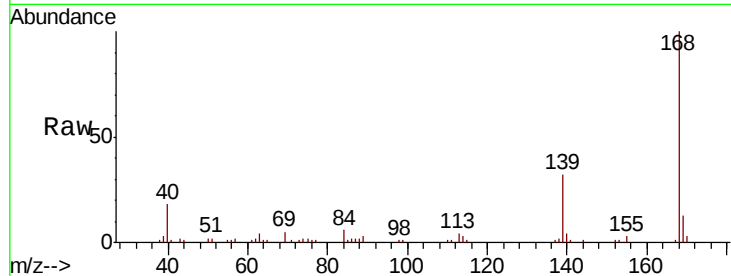




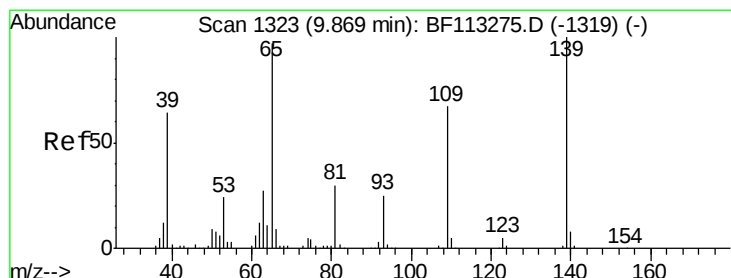
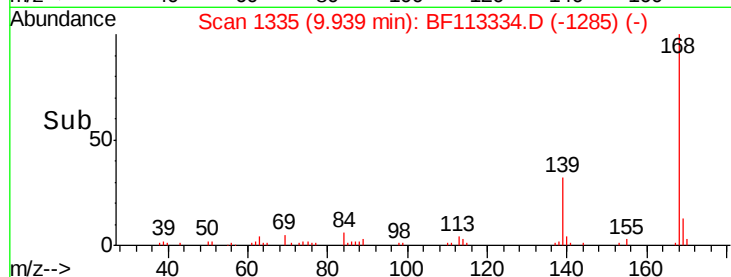
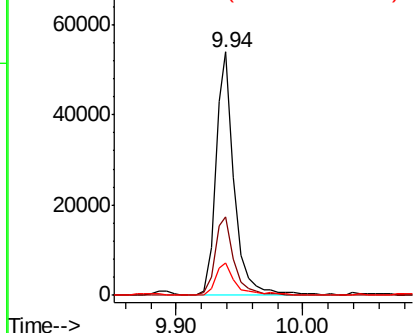
#55
Dibenzofuran
Concen: 2.015 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF113334.D
Acq: 27 Mar 2019 16:47

Instrument :
BNA_F
ClientSampleId :
CS-14

Tgt Ion:168 Resp: 54865
Ion Ratio Lower Upper
168 100
139 32.5 29.7 44.5
169 13.5 10.7 16.1

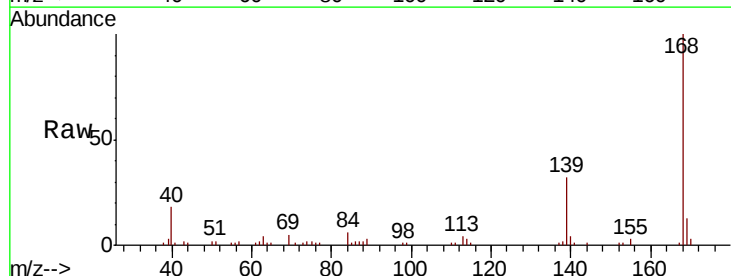


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

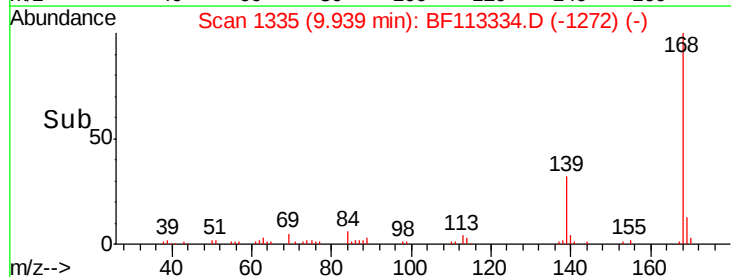
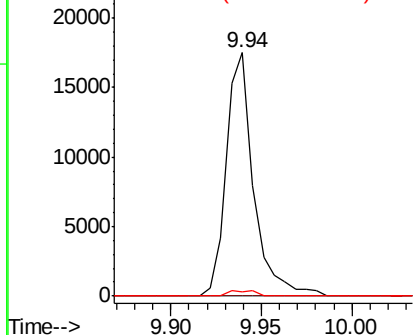


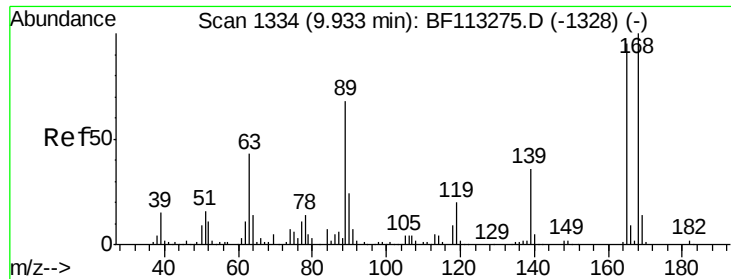
#56
4-Nitrophenol
Concen: 4.428 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.07 min
Lab File: BF113334.D
Acq: 27 Mar 2019 16:47

Tgt Ion:139 Resp: 18410
Ion Ratio Lower Upper
139 100
109 0.0 46.9 86.9#
65 1.9 77.2 117.2#



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): BF1

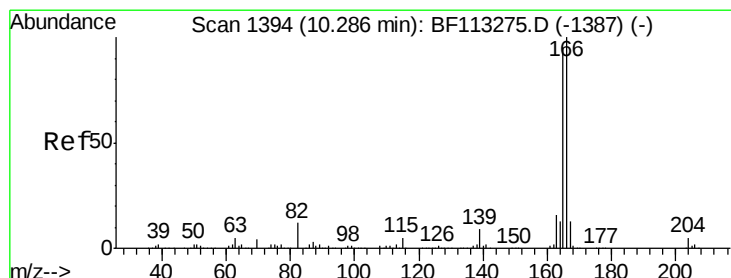
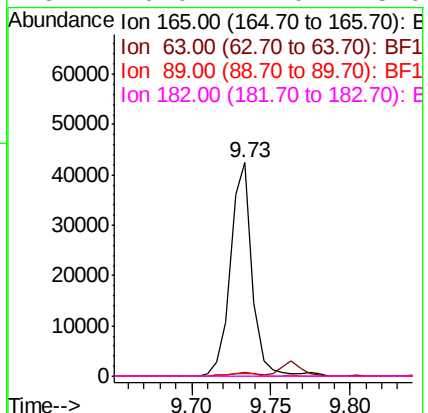
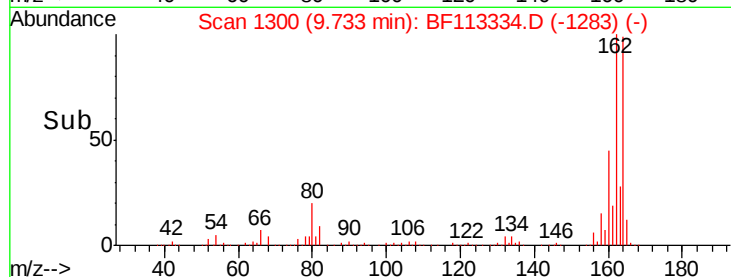
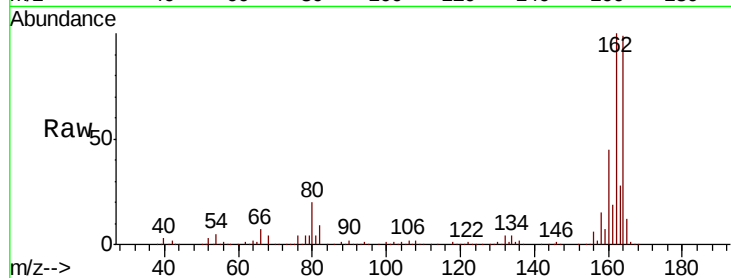




#57
 2,4-Dinitrotoluene
 Concen: 6.124 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.20 min
 Lab File: BF113334.D
 Acq: 27 Mar 2019 16:47

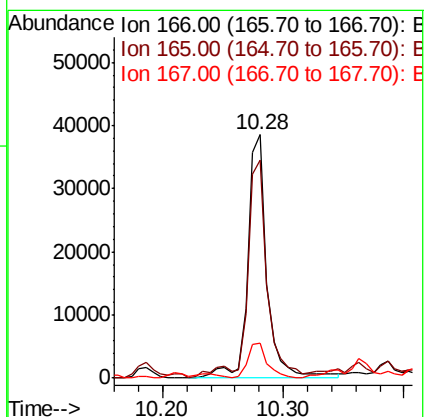
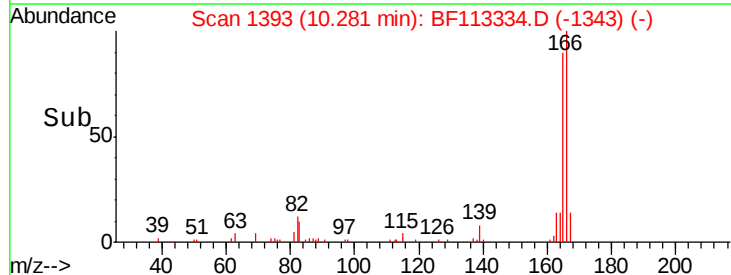
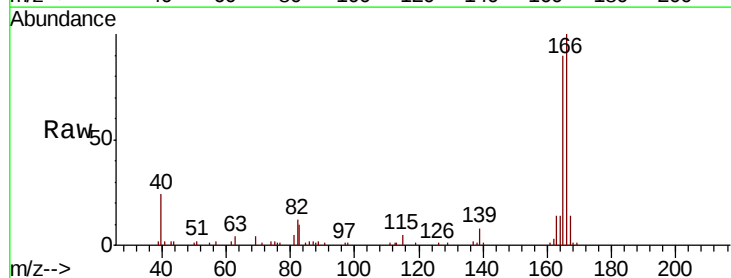
Instrument :
 BNA_F
 ClientSampleId :
 CS-14

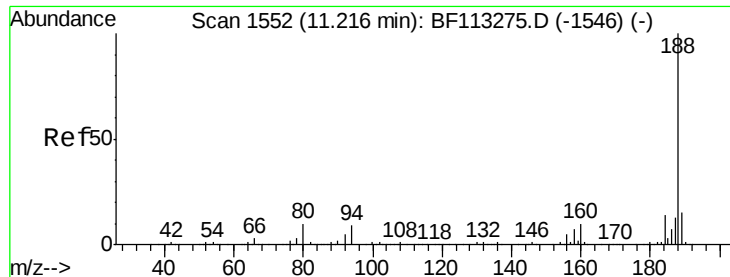
Tgt Ion:165 Resp: 40273
 Ion Ratio Lower Upper
 165 100
 63 1.5 37.5 56.3#
 89 1.5 57.4 86.2#
 182 0.0 2.0 3.0#



#58
 Fluorene
 Concen: 2.027 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. -0.01 min
 Lab File: BF113334.D
 Acq: 27 Mar 2019 16:47

Tgt Ion:166 Resp: 42868
 Ion Ratio Lower Upper
 166 100
 165 89.6 76.2 114.2
 167 14.1 10.7 16.1

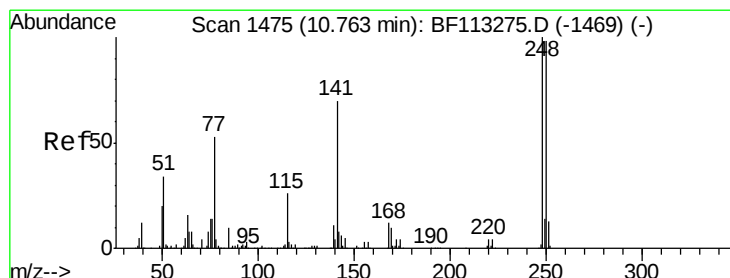
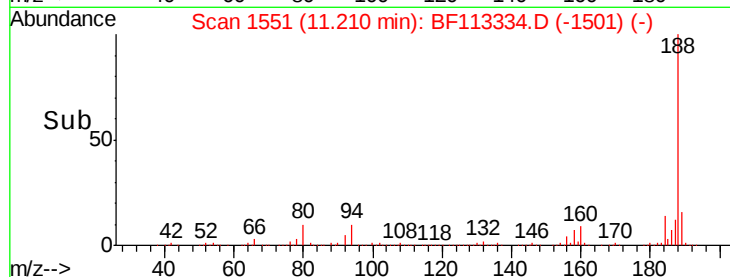
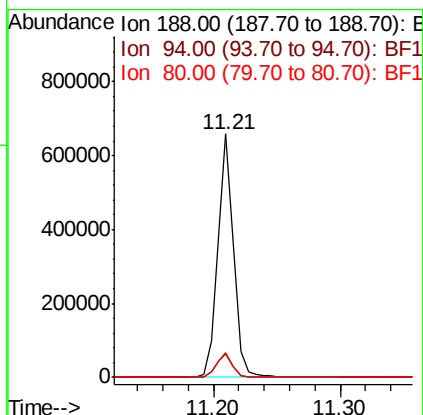
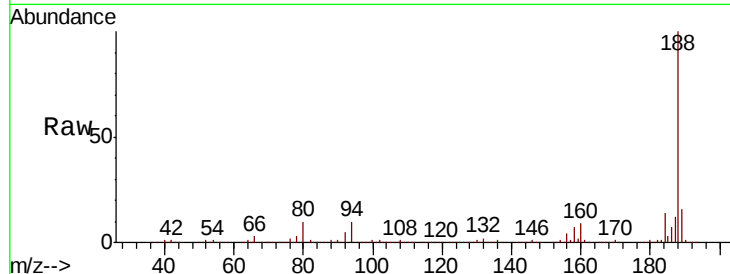




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF113334.D
 Acq: 27 Mar 2019 16:47

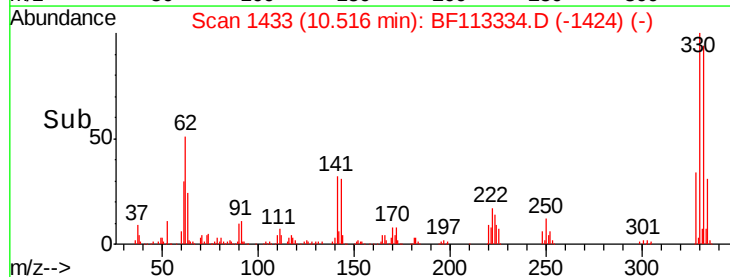
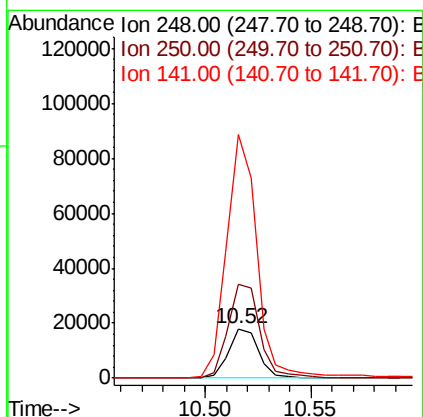
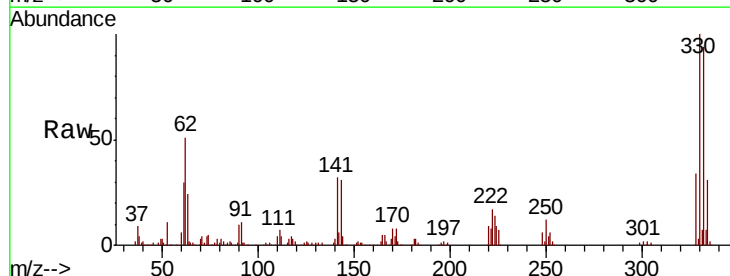
Instrument :
 BNA_F
 ClientSampleId :
 CS-14

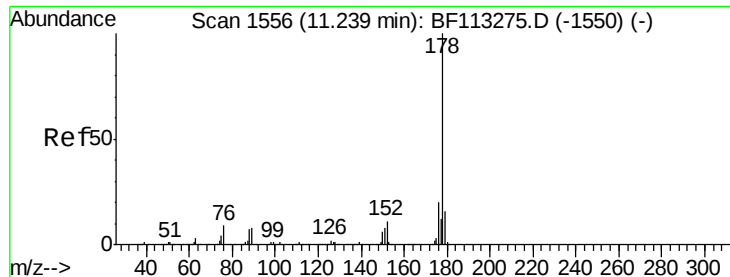
Tgt Ion:188 Resp: 580952
 Ion Ratio Lower Upper
 188 100
 94 9.5 7.0 10.6
 80 10.2 7.7 11.5



#67
 4-Bromophenyl-phenylether
 Concen: 2.815 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.25 min
 Lab File: BF113334.D
 Acq: 27 Mar 2019 16:47

Tgt Ion:248 Resp: 17823
 Ion Ratio Lower Upper
 248 100
 250 190.0 78.3 117.5#
 141 490.0 56.2 84.4#





#71

Phenanthrene

Concen: 22.093 ng

RT: 11.23 min Scan# 1555

Delta R.T. -0.01 min

Lab File: BF113334.D

Acq: 27 Mar 2019 16:47

Instrument :

BNA_F

ClientSampleId :

CS-14

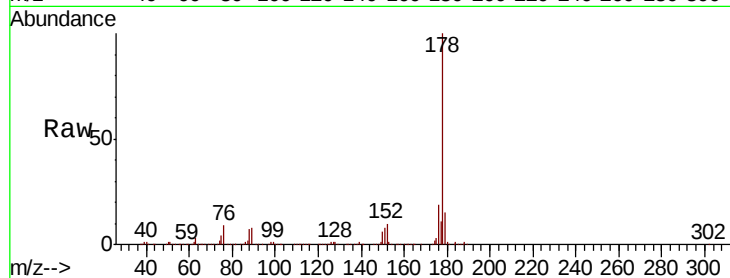
Tgt Ion:178 Resp: 637400

Ion Ratio Lower Upper

178 100

176 19.1 16.2 24.2

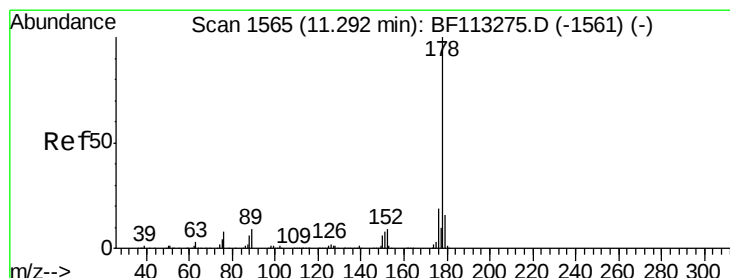
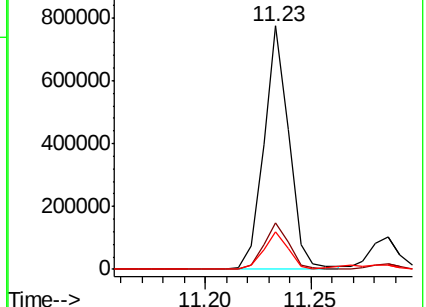
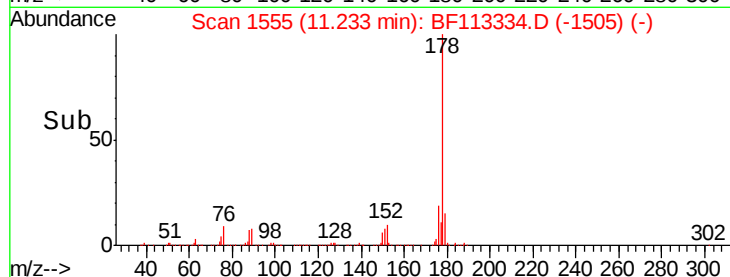
179 15.4 12.7 19.1



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

Anthracene

Concen: 3.735 ng

RT: 11.29 min Scan# 1564

Delta R.T. -0.01 min

Lab File: BF113334.D

Acq: 27 Mar 2019 16:47

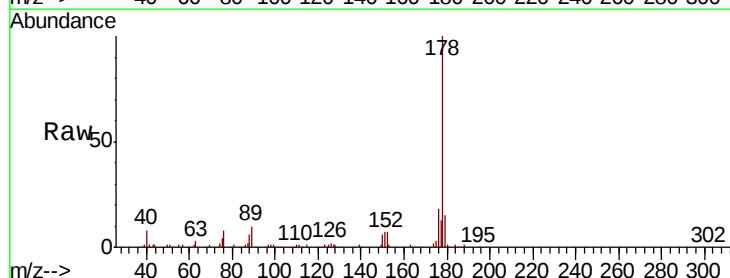
Tgt Ion:178 Resp: 109460

Ion Ratio Lower Upper

178 100

176 18.0 15.4 23.2

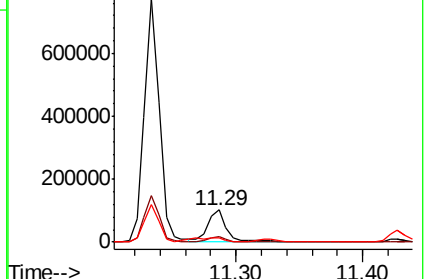
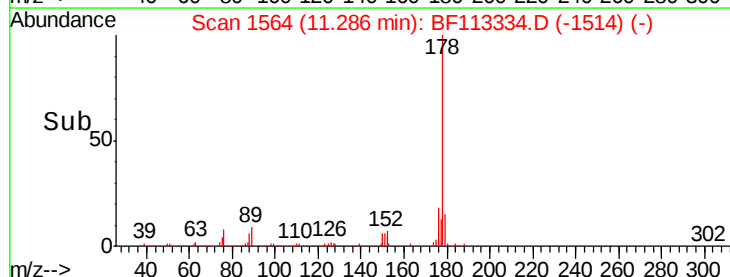
179 15.0 12.8 19.2

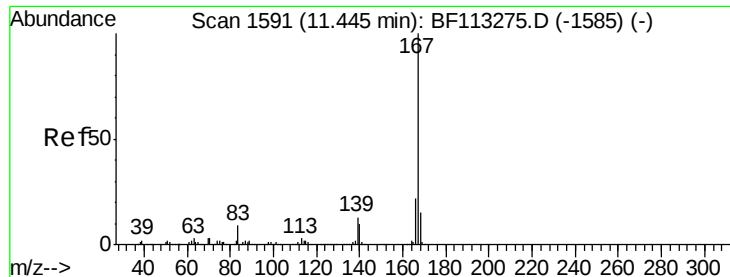


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

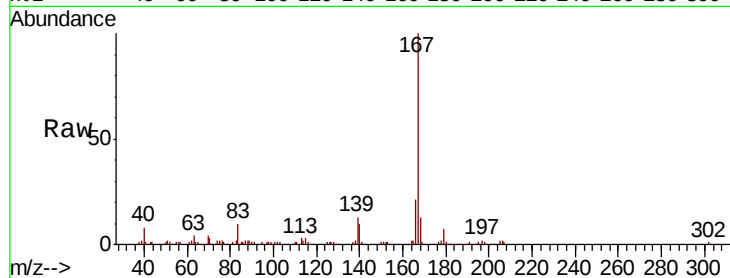




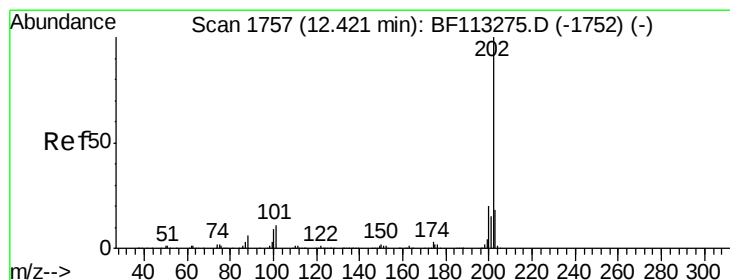
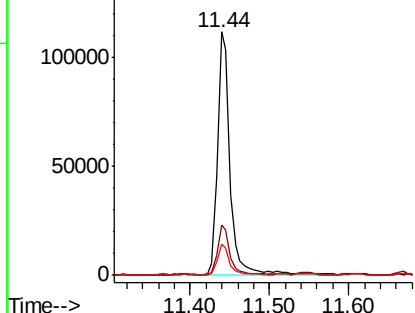
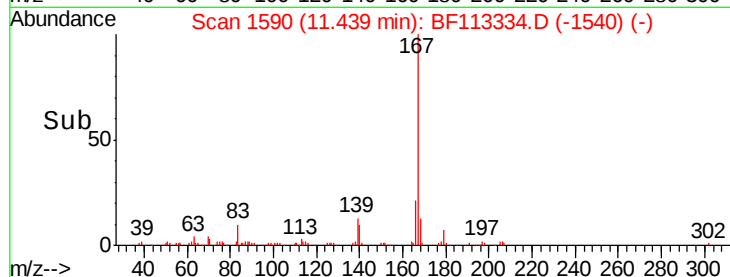
#73
 Carbazole
 Concen: 4.444 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. -0.01 min
 Lab File: BF113334.D
 Acq: 27 Mar 2019 16:47

Instrument :
 BNA_F
 ClientSampleId :
 CS-14

Tgt Ion	Resp	Lower	Upper
167	124265		
166	20.7	17.4	26.0
139	12.5	10.4	15.6

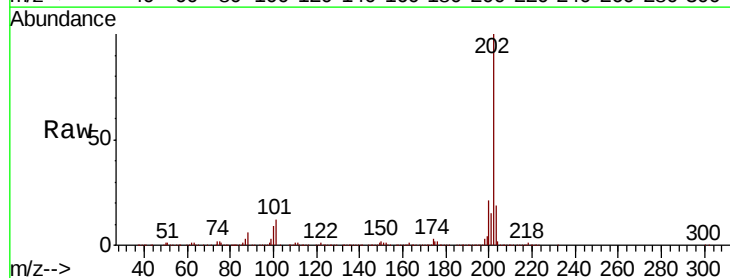


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

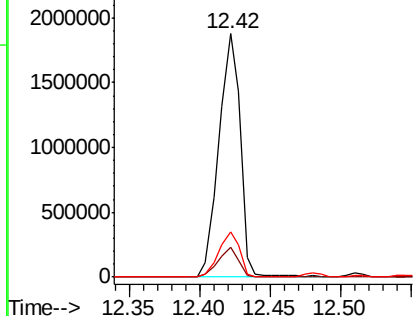
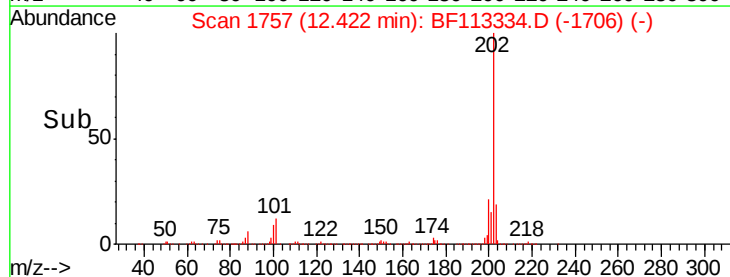


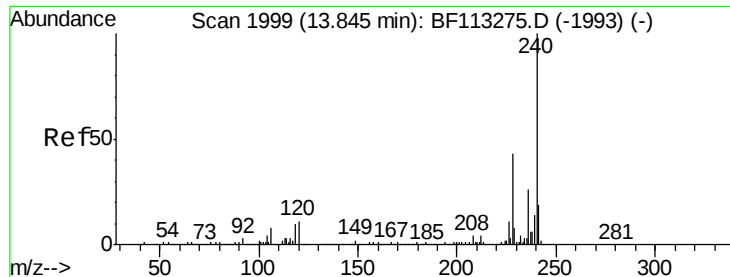
#75
 Fluoranthene
 Concen: 60.483 ng
 RT: 12.42 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: BF113334.D
 Acq: 27 Mar 2019 16:47

Tgt Ion	Resp	Lower	Upper
202	1972619		
101	12.4	0.0	31.4
203	18.8	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

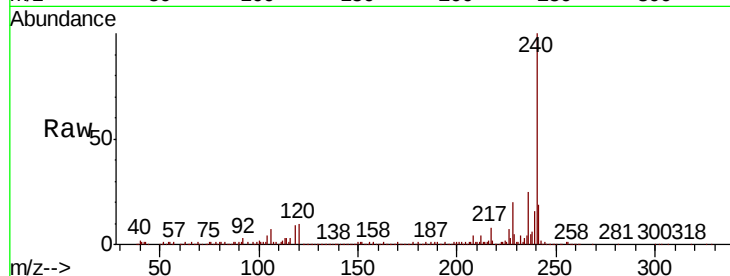




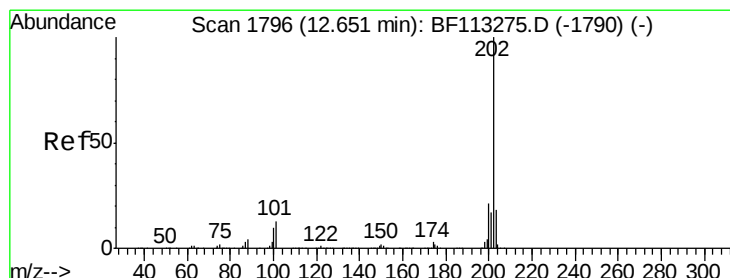
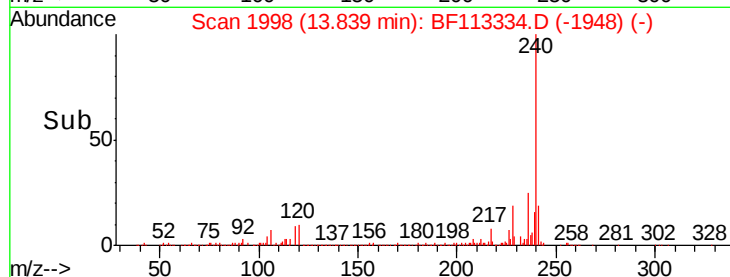
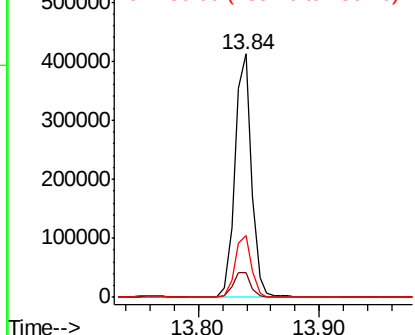
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF113334.D
Acq: 27 Mar 2019 16:47

Instrument :
BNA_F
ClientSampled :
CS-14

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.3	8.8	13.2
236	25.2	20.9	31.3

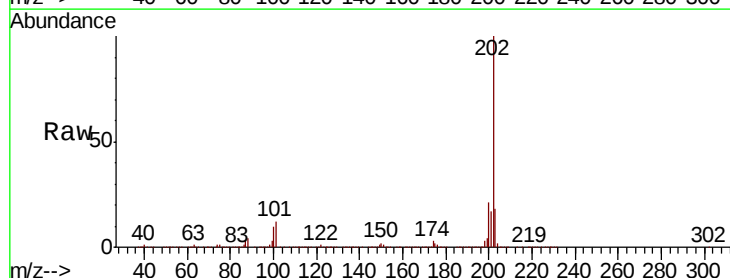


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

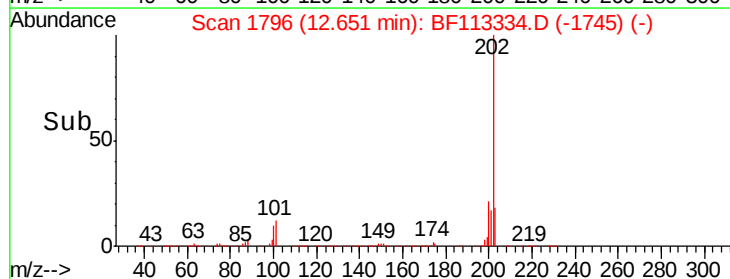
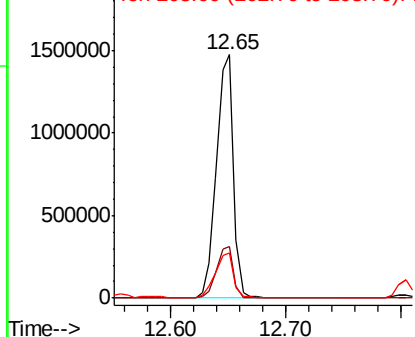


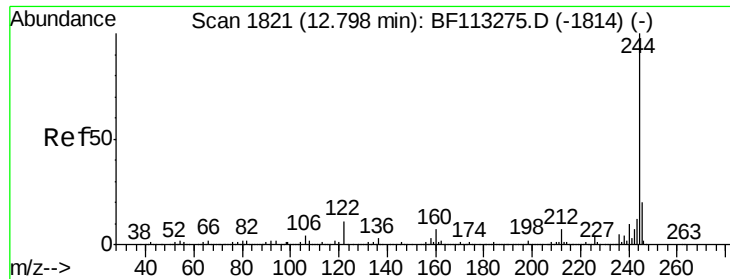
#78
Pyrene
Concen: 54.581 ng
RT: 12.65 min Scan# 1796
Delta R.T. 0.00 min
Lab File: BF113334.D
Acq: 27 Mar 2019 16:47

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.8	25.2
203	18.4	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: 68.632 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.00 min

Lab File: BF113334.D

Acq: 27 Mar 2019 16:47

Instrument :

BNA_F

ClientSampleId :

CS-14

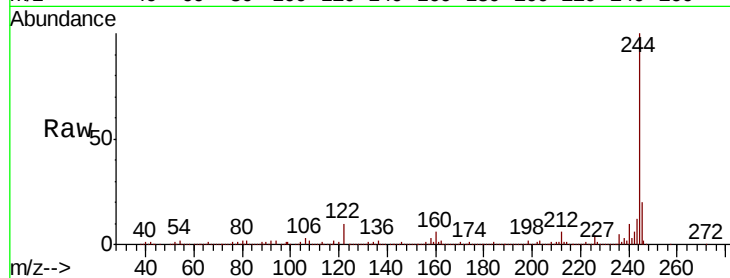
Tgt Ion:244 Resp: 1235679

Ion Ratio Lower Upper

244 100

212 6.4 5.5 8.3

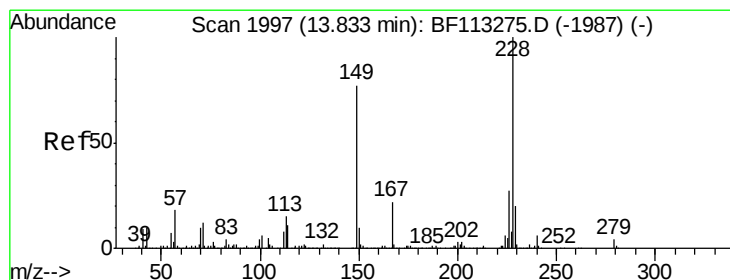
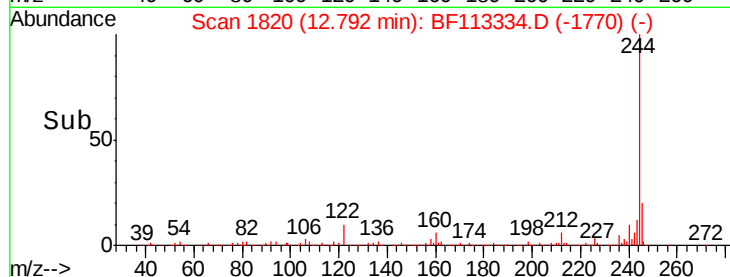
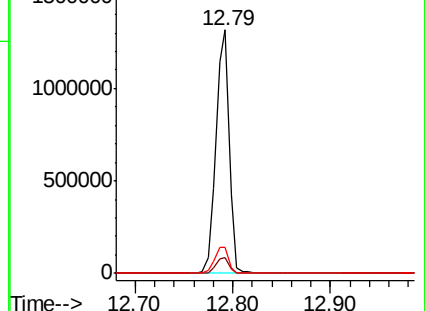
122 10.4 8.6 13.0



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



#81

Benzo(a)anthracene

Concen: 9.947 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF113334.D

Acq: 27 Mar 2019 16:47

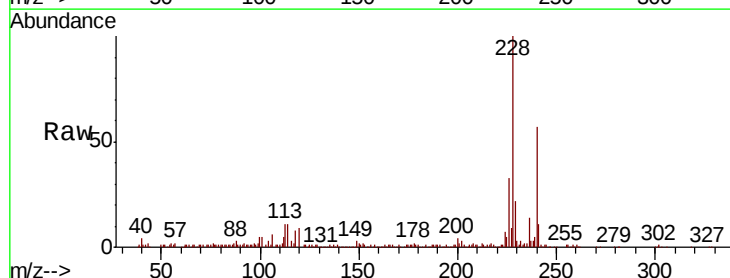
Tgt Ion:228 Resp: 225953

Ion Ratio Lower Upper

228 100

226 32.6 21.8 32.8

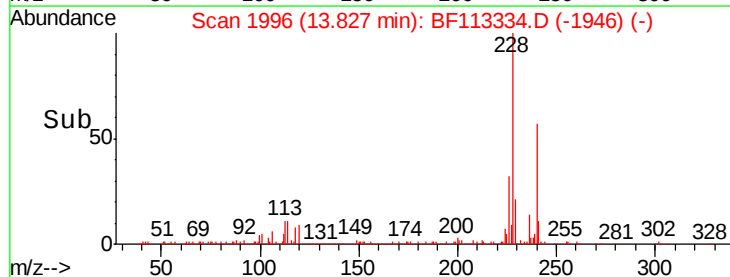
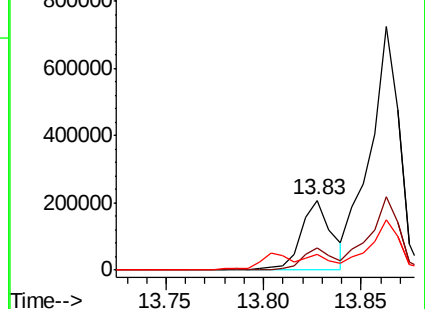
229 21.8 16.2 24.4

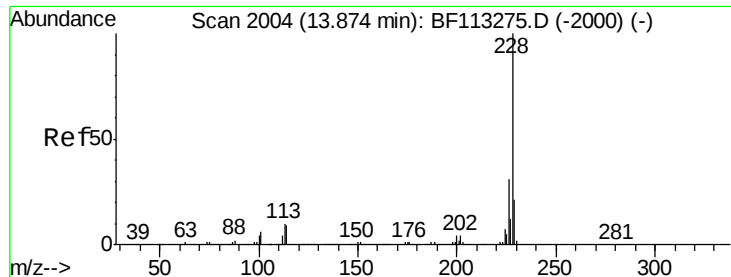


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Chrysene

Concen: 32.946 ng

RT: 13.86 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF113334.D

Acq: 27 Mar 2019 16:47

Instrument :

BNA_F

ClientSampleId :

CS-14

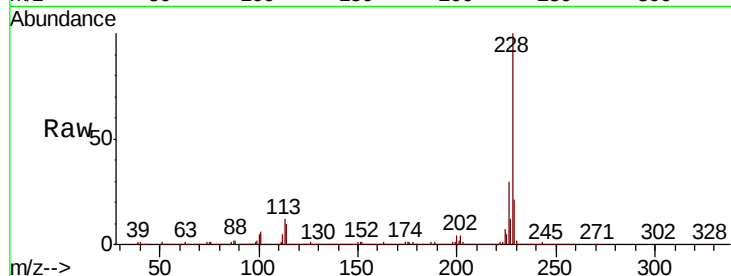
Tgt Ion:228 Resp: 760178

Ion Ratio Lower Upper

228 100

226 30.1 24.3 36.5

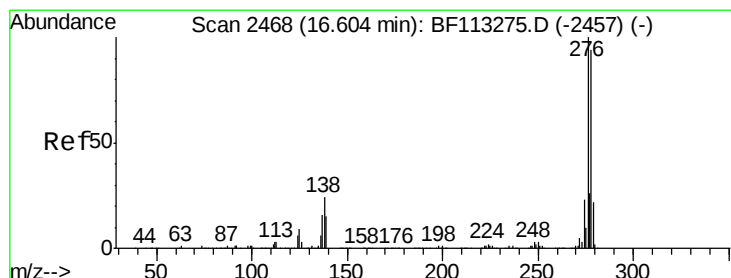
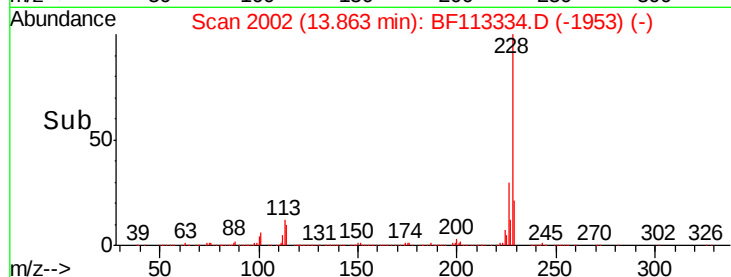
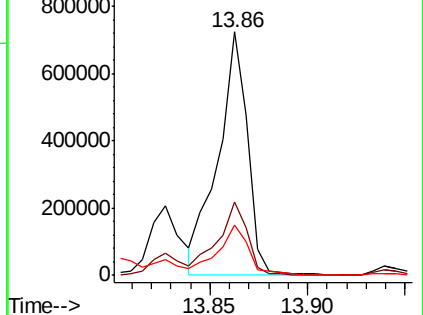
229 20.9 16.3 24.5



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



#86

Indeno(1,2,3-cd)pyrene

Concen: 9.531 ng

RT: 16.59 min Scan# 2465

Delta R.T. -0.02 min

Lab File: BF113334.D

Acq: 27 Mar 2019 16:47

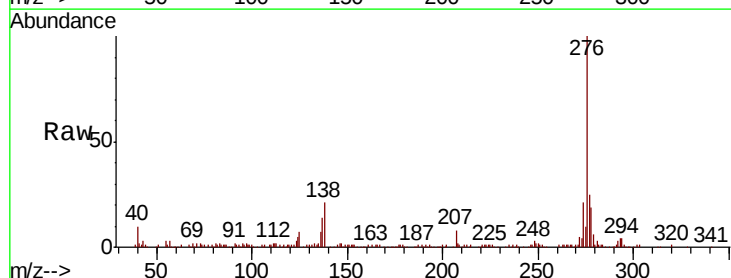
Tgt Ion:276 Resp: 188735

Ion Ratio Lower Upper

276 100

138 20.3 18.1 27.1

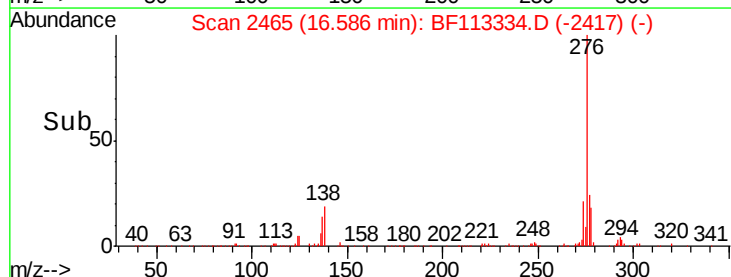
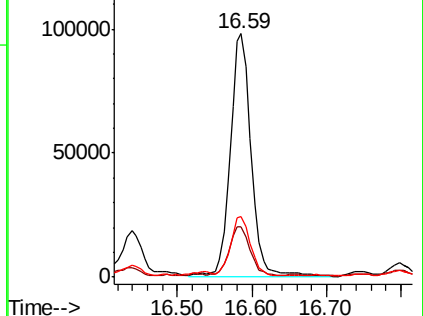
277 23.0 20.2 30.4

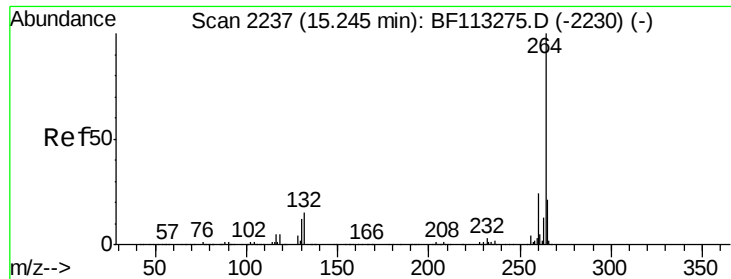


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



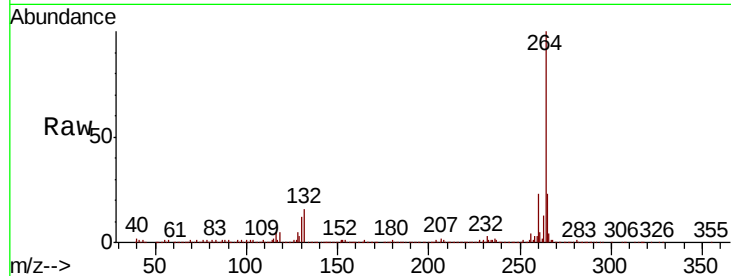


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2236
Delta R.T. -0.01 min
Lab File: BF113334.D
Acq: 27 Mar 2019 16:47

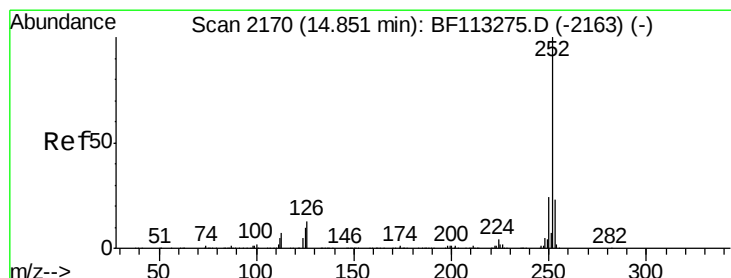
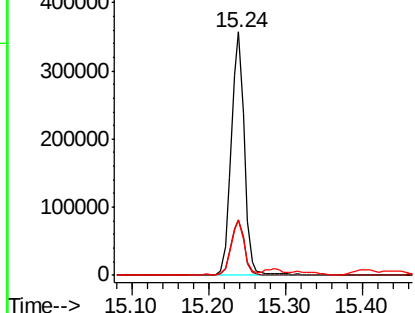
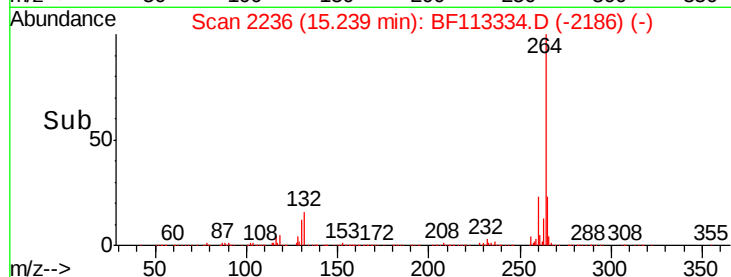
Instrument :
BNA_F
ClientSampleId :
CS-14

Tgt Ion:264 Resp: 430103

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.1	28.7
265	22.8	17.1	25.7



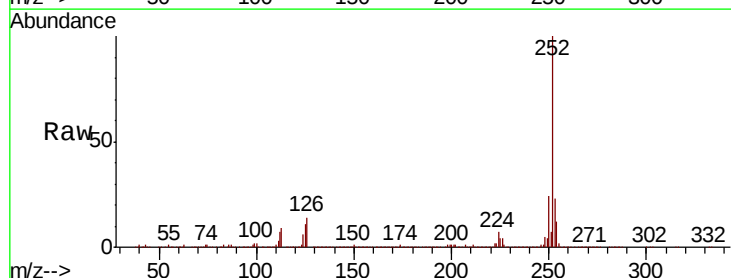
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



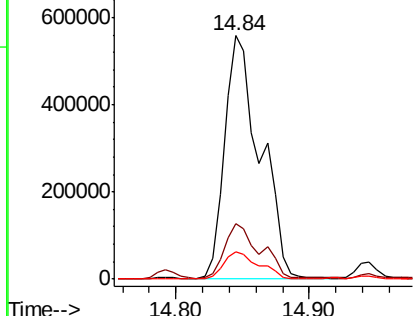
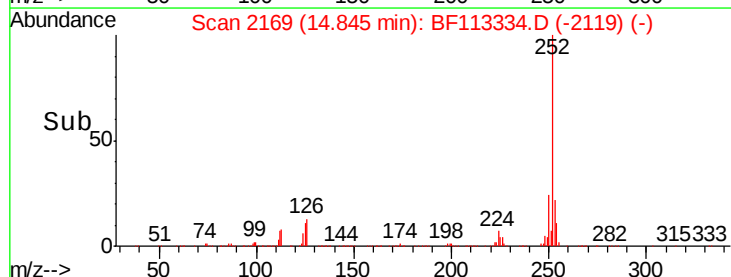
#88
Benzo(b)fluoranthene
Concen: 38.571 ng
RT: 14.84 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BF113334.D
Acq: 27 Mar 2019 16:47

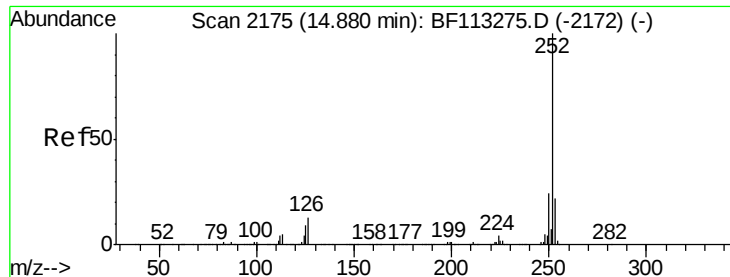
Tgt Ion:252 Resp: 1030543

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.0	27.0
125	11.3	7.6	11.4



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

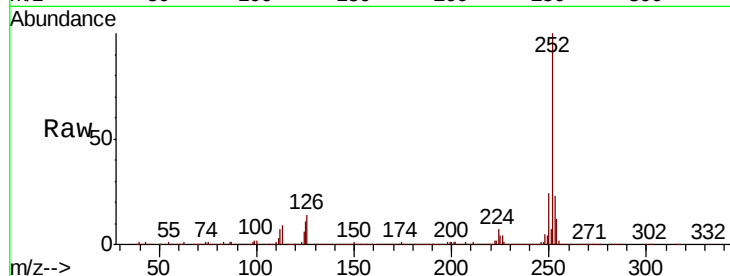




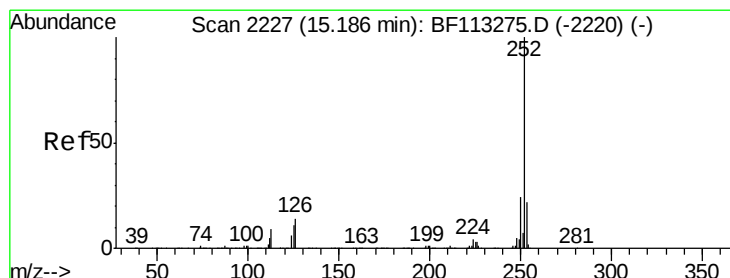
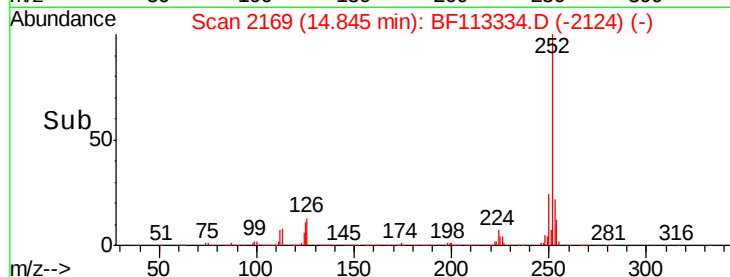
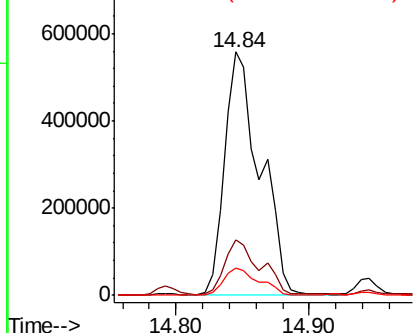
#89
Benzo(k)fluoranthene
Concen: 43.922 ng
RT: 14.84 min Scan# 2169
Delta R.T. -0.04 min
Lab File: BF113334.D
Acq: 27 Mar 2019 16:47

Instrument :
BNA_F
ClientSampleId :
CS-14

Tgt Ion:252 Resp: 1030543
Ion Ratio Lower Upper
252 100
253 22.6 17.7 26.5
125 11.3 7.3 10.9#

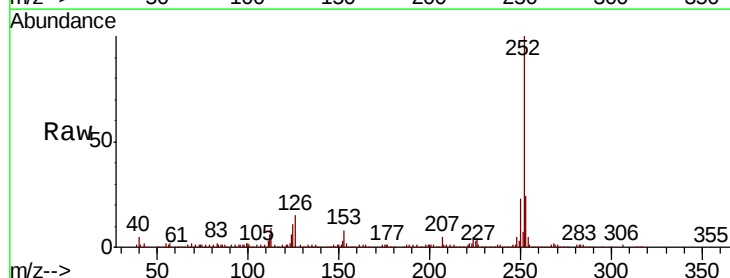


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

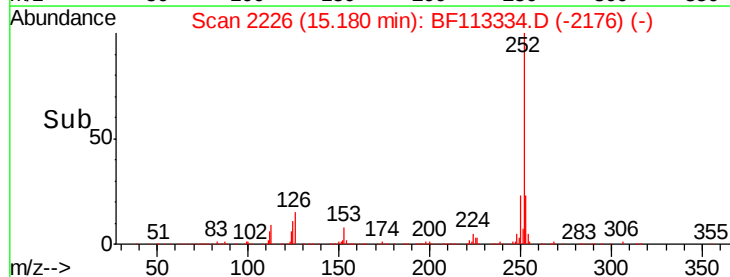
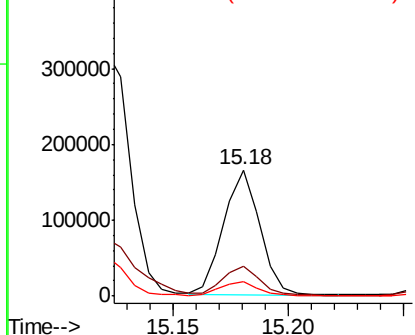


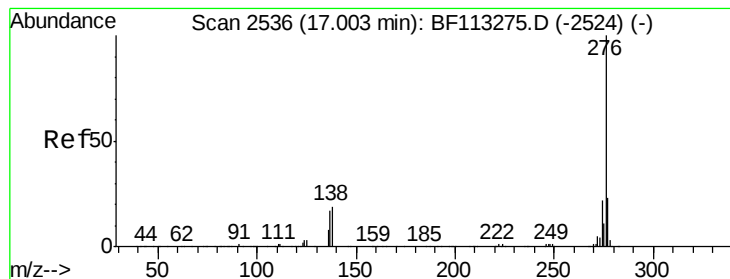
#90
Benzo(a)pyrene
Concen: 7.700 ng
RT: 15.18 min Scan# 2226
Delta R.T. -0.01 min
Lab File: BF113334.D
Acq: 27 Mar 2019 16:47

Tgt Ion:252 Resp: 182385
Ion Ratio Lower Upper
252 100
253 23.5 17.9 26.9
125 11.1 8.8 13.2



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#92

Benzo(g,h,i)perylene

Concen: 8.116 ng

RT: 16.99 min Scan# 2533

Delta R.T. -0.02 min

Lab File: BF113334.D

Acq: 27 Mar 2019 16:47

Instrument :

BNA_F

ClientSampleId :

CS-14

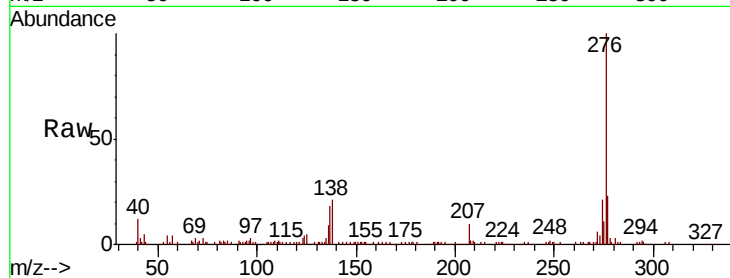
Tgt Ion: 276 Resp: 167597

Ion Ratio Lower Upper

276 100

277 22.7 18.8 28.2

138 21.1 15.6 23.4



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

