

Data File : BF114760.D
Acq On : 1 Jun 2019 16:39
Operator : HP/JU
Sample : K3105-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
8-9-TRACK

Quant Time: Jun 03 01:41:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 19:08:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	356462	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	1268289	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	577747	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	1115520	20.00	ng	0.00
76) Chrysene-d12	13.84	240	723880	20.00	ng	0.02
87) Perylene-d12	15.23	264	896187	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.30	112	1956945	96.39	ng	0.01
7) Phenol-d6	6.33	99	2330281	95.25	ng	0.00
23) Nitrobenzene-d5	7.25	82	1428835	70.29	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	585596	106.37	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	2090748	64.03	ng	0.00
79) Terphenyl-d14	12.78	244	2036684	52.90	ng	0.00

Target Compounds

					Qvalue	
6) Aniline	6.39	93	80712	2.184	ng	96
9) Benzaldehyde	6.23	77	4901	Below	Cal	# 74
11) bis(2-Chloroethyl)ether	6.39	93	80712	3.570	ng	# 27
19) n-Nitroso-di-n-propylamine	7.25	70	193879	11.481	ng	# 75
25) Isophorone	7.25	82	1406772	34.482	ng	# 63
31) Naphthalene	7.99	128	306319	5.243	ng	96
37) 2-Methylnaphthalene	8.68	142	110362	2.843	ng	99
38) 1-Methylnaphthalene	8.78	142	94098	2.559	ng	96
49) Acenaphthylene	9.58	152	130377	2.399	ng	96
50) Dimethylphthalate	9.44	163	405192	10.065	ng	99
52) Acenaphthene	9.75	154	519880	15.598	ng	99
55) Dibenzofuran	9.92	168	390398	8.228	ng	97
56) 4-Nitrophenol	9.92	139	144975	17.087	ng	# 18
58) Fluorene	10.26	166	657596	16.335	ng	97
61) 4-Chlorophenyl-phenylether	10.38	204	508	Below	Cal	# 1
66) n-Nitrosodiphenylamine	10.37	169	192032	5.827	ng	# 86
67) 4-Bromophenyl-phenylether	10.50	248	37771	3.157	ng	# 1
71) Phenanthrene	11.23	178	4978457	87.488	ng	95
72) Anthracene	11.27	178	2125572	36.907	ng	100
73) Carbazole	11.42	167	463123	9.150	ng	96
74) Di-n-butylphthalate	11.77	149	1950250	28.972	ng	99
75) Fluoranthene	12.43	202	7003317	118.855	ng	94
78) Pyrene	12.43	202	7003317	114.369	ng	92
80) Butylbenzylphthalate	13.30	149	8275018	268.893	ng	# 90
81) Benzo(a)anthracene	13.83	228	5800195	104.268	ng	92
83) Chrysene	13.83	228	5800195	109.134	ng	97
84) Bis(2-ethylhexyl)phthalate	13.83	149	163202	4.290	ng	96
85) Di-n-octyl phthalate	14.62	149	997148	15.085	ng	# 86
86) Indeno(1,2,3-cd)pyrene	16.57	276	2622848	49.274	ng	95
88) Benzo(b)fluoranthene	14.84	252	7800309	138.192	ng	95
89) Benzo(k)fluoranthene	14.84	252	7800309	158.992	ng	95
90) Benzo(a)pyrene	15.19	252	4594032	92.647	ng	95
91) Dibenzo(a,h)anthracene	16.57	278	726700	16.585	ng	96
92) Benzo(g,h,i)perylene	16.97	276	2409842	56.665	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF060119\
Quantitation Report (Not Reviewed)

Data File : BF114760.D
Acq On : 1 Jun 2019 16:39
Operator : HP/JU
Sample : K3105-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
8-9-TRACK

Quant Time: Jun 03 01:41:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 19:08:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

-----	-----	-----	-----	-----	-----	-----
-----	-----	-----	-----	-----	-----	-----

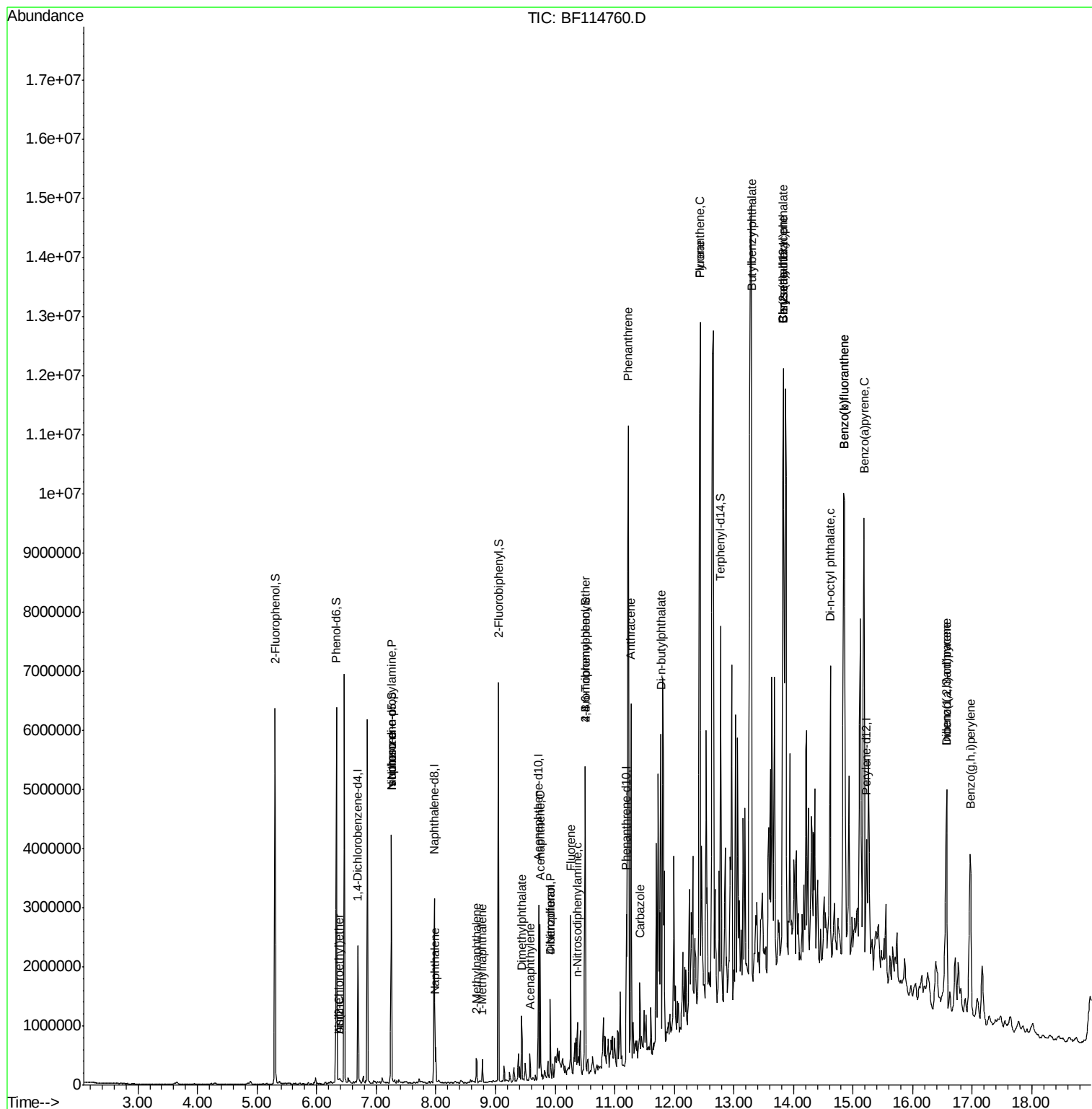
(#) = qualifier out of range (m) = manual integration (+) = signals summed

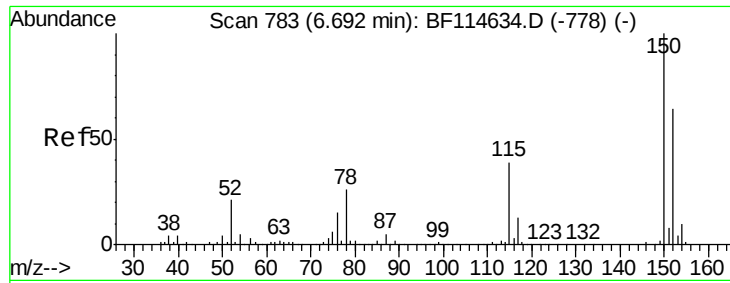
Data File : BF114760.D

```
Acq On       : 1 Jun 2019 16:39
Operator    : HP/JU
Sample      : K3105-07
Misc       :
ALS Vial    : 21      Sample Multip
```

Instrument :
BNA_F
ClientSampleId :
8-9-TRACK

Quant Time: Jun 03 01:41:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 19:08:51 2019
Response via : Initial Calibration

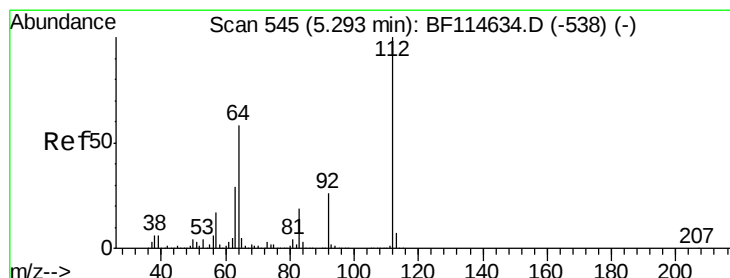
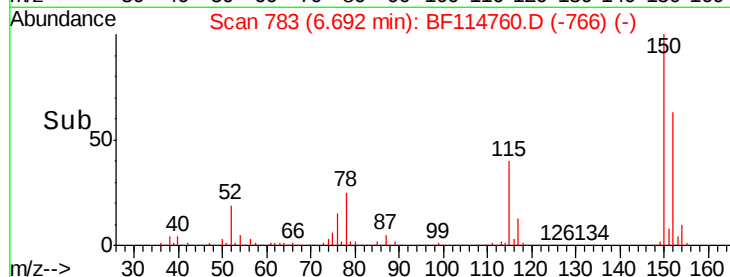
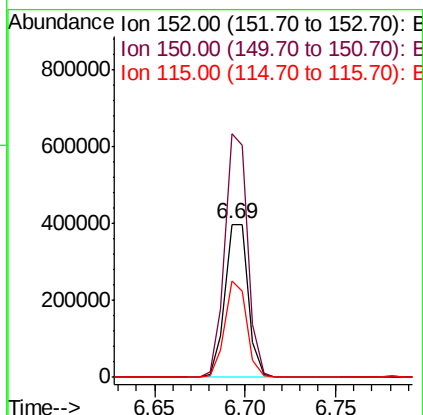
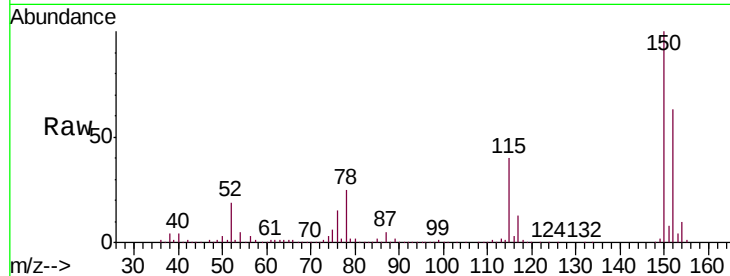




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.69 min Scan# 783
 Delta R.T. -0.00 min
 Lab File: BF114760.D
 Acq: 1 Jun 2019 16:39

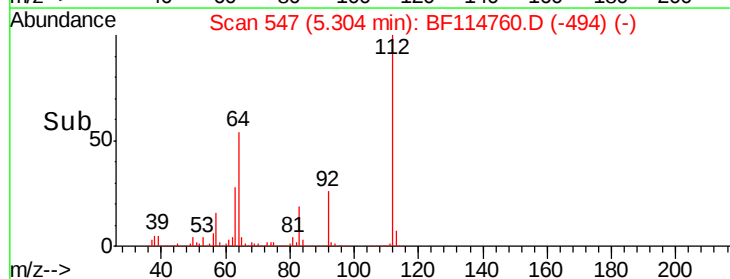
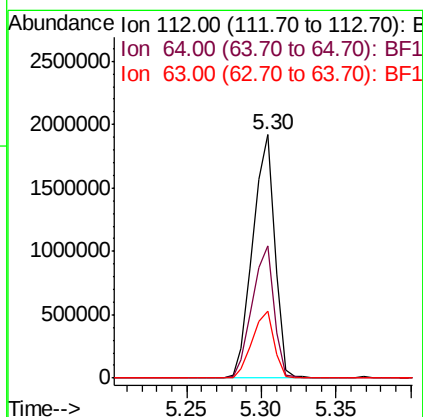
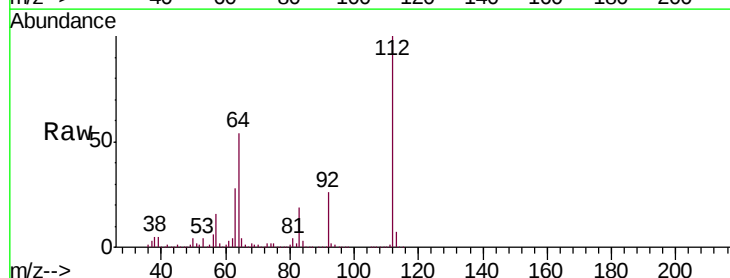
Instrument :
 BNA_F
 ClientSampleId :
 8-9-TRACK

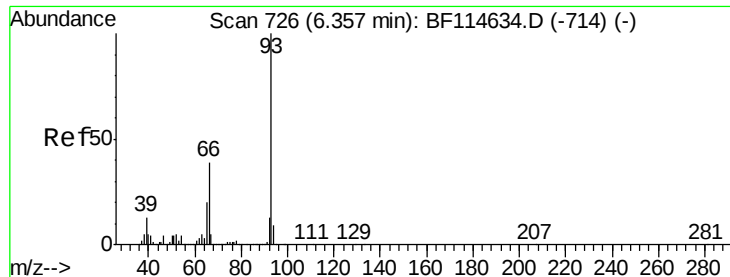
Tgt Ion:152 Resp: 356462
 Ion Ratio Lower Upper
 152 100
 150 158.9 124.4 186.6
 115 63.2 48.7 73.1



#5
 2-Fluorophenol
 Concen: 96.387 ng
 RT: 5.30 min Scan# 547
 Delta R.T. 0.01 min
 Lab File: BF114760.D
 Acq: 1 Jun 2019 16:39

Tgt Ion:112 Resp: 1956945
 Ion Ratio Lower Upper
 112 100
 64 54.4 46.1 69.1
 63 27.8 23.4 35.2





#6

Aniline

Concen: 2.184 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.03 min

Lab File: BF114760.D

Acq: 1 Jun 2019 16:39

Instrument :

BNA_F

ClientSampleId :

8-9-TRACK

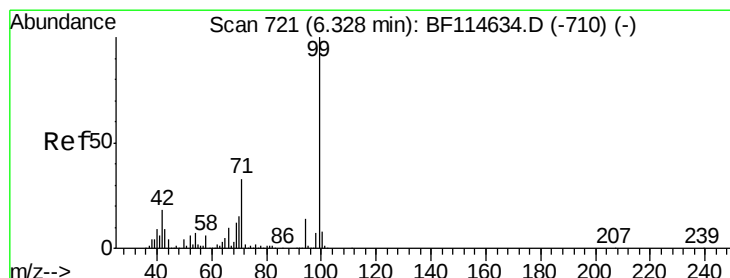
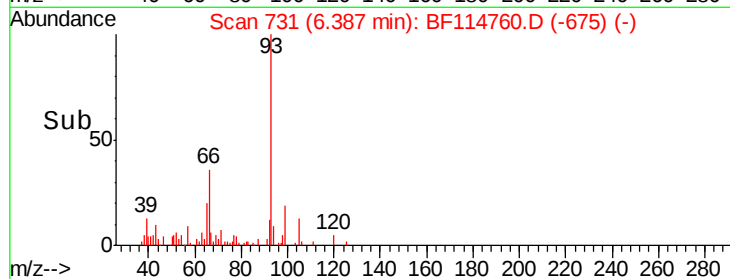
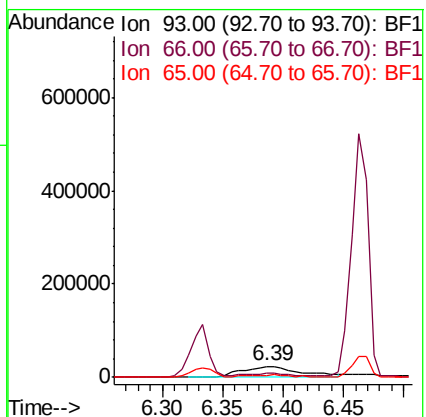
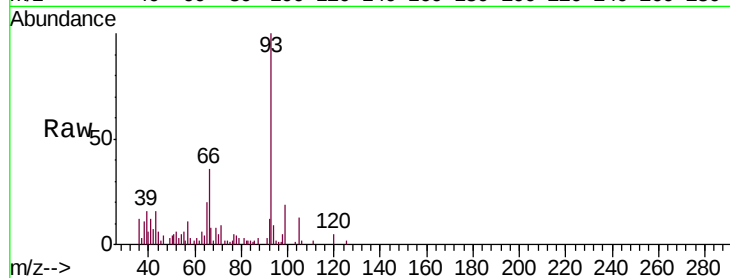
Tgt Ion: 93 Resp: 80712

Ion Ratio Lower Upper

93 100

66 35.5 31.4 47.2

65 20.0 16.2 24.2



#7

Phenol-d6

Concen: 95.246 ng

RT: 6.33 min Scan# 722

Delta R.T. 0.01 min

Lab File: BF114760.D

Acq: 1 Jun 2019 16:39

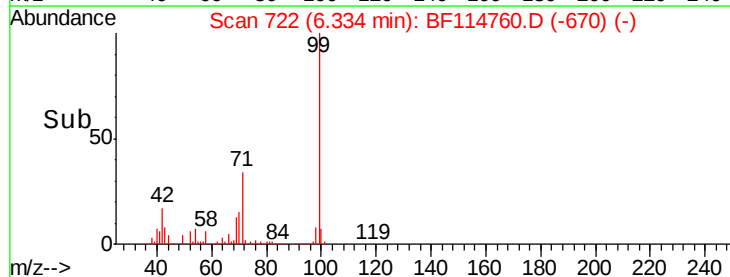
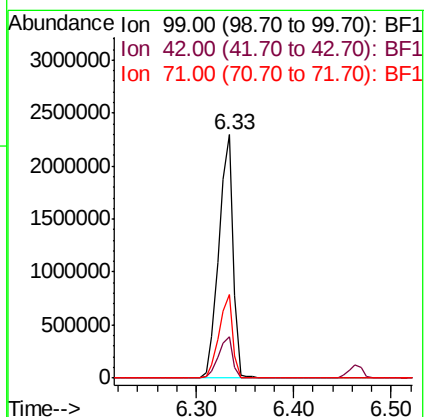
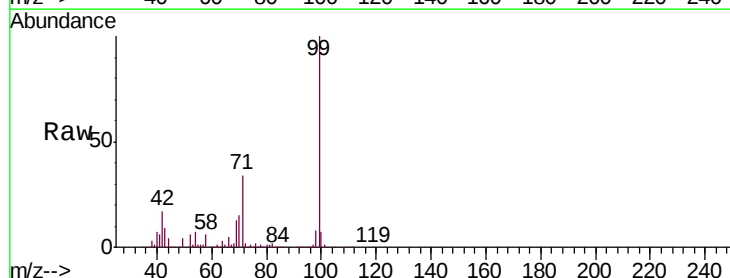
Tgt Ion: 99 Resp: 2330281

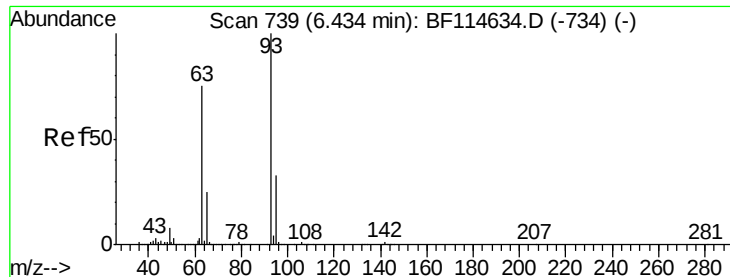
Ion Ratio Lower Upper

99 100

42 17.2 14.7 22.1

71 34.4 26.6 40.0

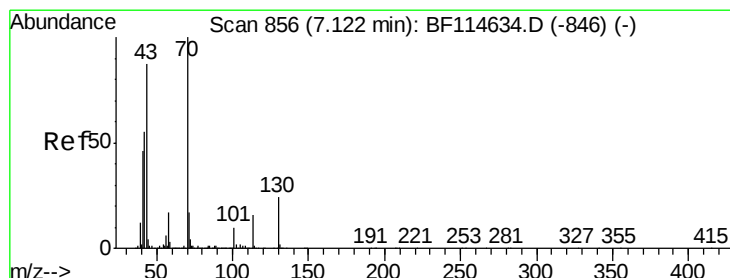
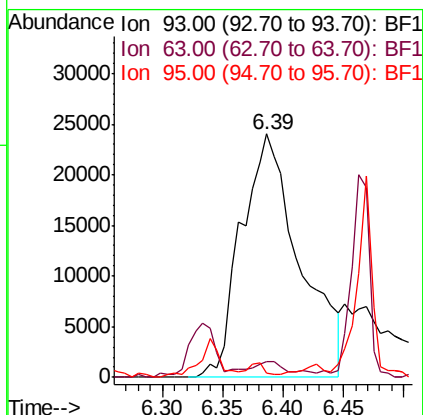
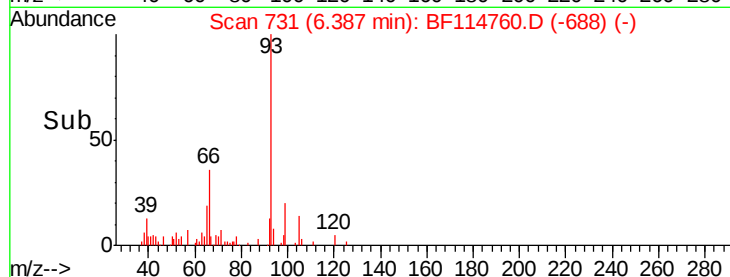
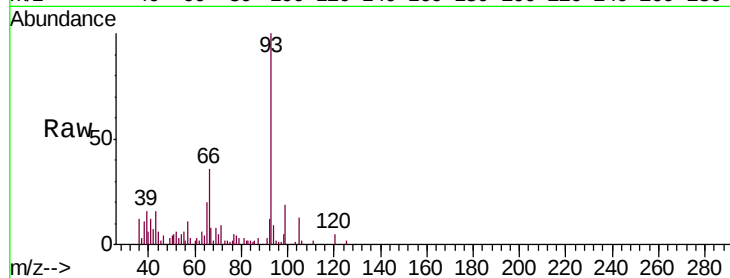




#11
bis(2-Chloroethyl)ether
Concen: 3.570 ng
RT: 6.39 min Scan# 731
Delta R.T. -0.05 min
Lab File: BF114760.D
Acq: 1 Jun 2019 16:39

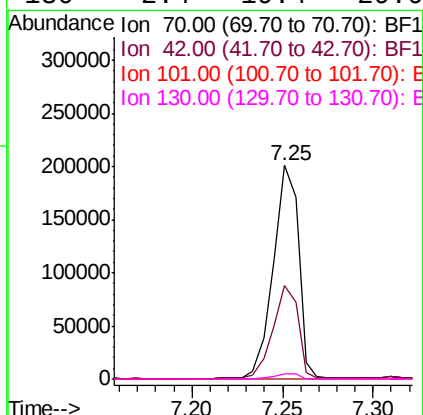
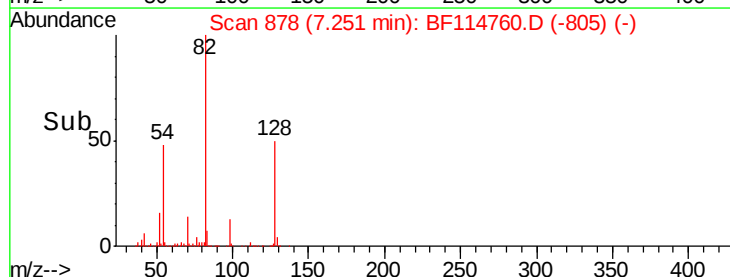
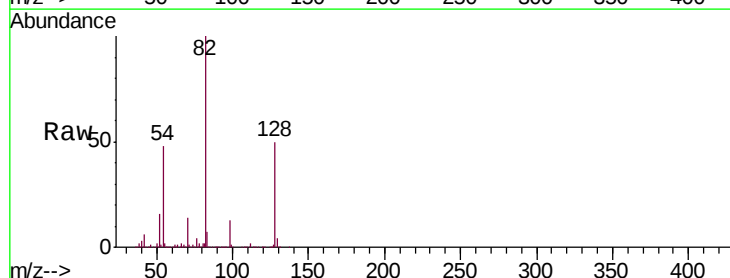
Instrument :
BNA_F
ClientSampleId :
8-9-TRACK

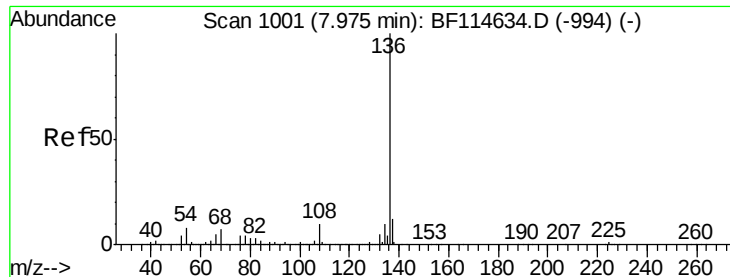
Tgt Ion	Ratio	Lower	Upper
93	100		
63	6.3	55.0	95.0#
95	2.0	13.5	53.5#



#19
n-Nitroso-di-n-propylamine
Concen: 11.481 ng
RT: 7.25 min Scan# 878
Delta R.T. 0.13 min
Lab File: BF114760.D
Acq: 1 Jun 2019 16:39

Tgt Ion	Ratio	Lower	Upper
70	100		
42	43.9	44.4	66.6#
101	0.0	8.2	12.4#
130	2.4	19.4	29.0#

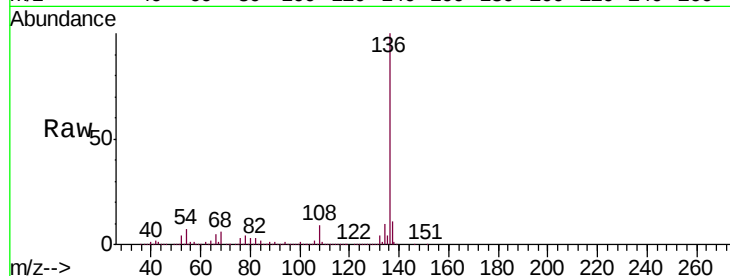




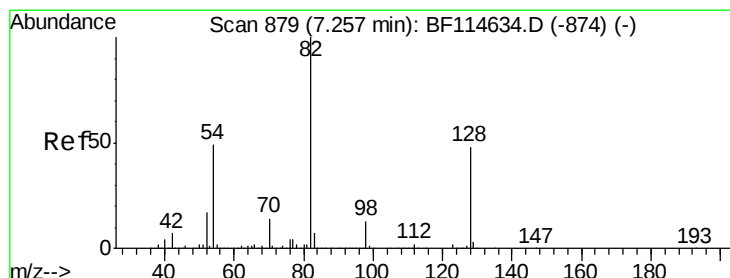
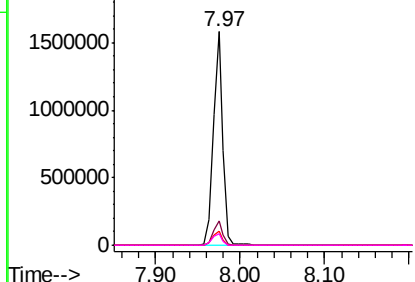
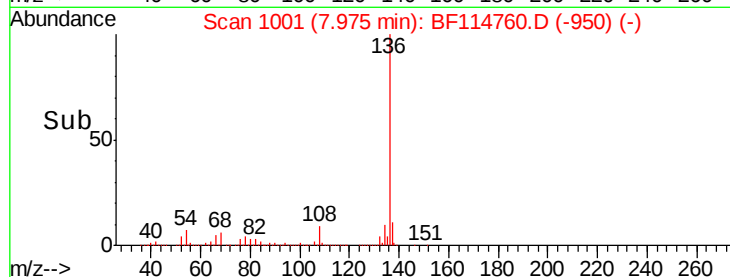
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.00 min
Lab File: BF114760.D
Acq: 1 Jun 2019 16:39

Instrument :
BNA_F
ClientSampleId :
8-9-TRACK

Tgt Ion:136 Resp: 1268289
Ion Ratio Lower Upper
136 100
137 11.5 9.3 13.9
54 6.7 6.3 9.5
68 5.6 5.4 8.0

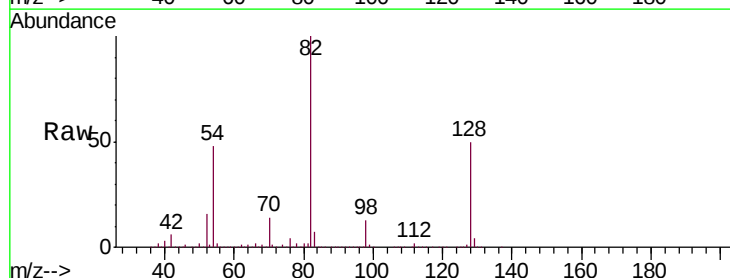


Abundance Ion 136.00 (135.70 to 136.70): E
2500000
Ion 137.00 (136.70 to 137.70): E
2000000
Ion 54.00 (53.70 to 54.70): BF1
1500000
Ion 68.00 (67.70 to 68.70): BF1
1000000
500000
0

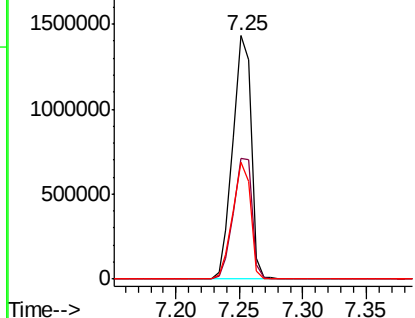
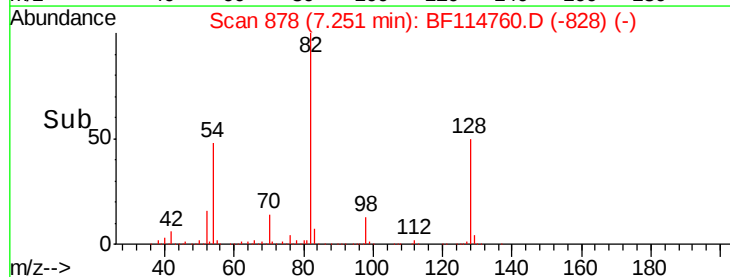


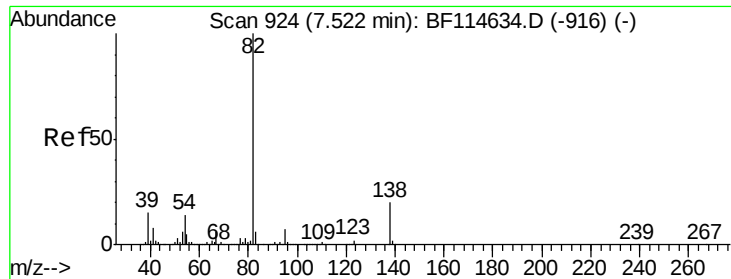
#23
Nitrobenzene-d5
Concen: 70.287 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF114760.D
Acq: 1 Jun 2019 16:39

Tgt Ion: 82 Resp: 1428835
Ion Ratio Lower Upper
82 100
128 49.5 38.5 57.7
54 47.8 39.1 58.7



Abundance Ion 82.00 (81.70 to 82.70): BF1
2000000
Ion 128.00 (127.70 to 128.70): E
1500000
Ion 54.00 (53.70 to 54.70): BF1
1000000
500000
0





#25

Isophorone

Concen: 34.482 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.27 min

Lab File: BF114760.D

Acq: 1 Jun 2019 16:39

Instrument :

BNA_F

ClientSampleId :

8-9-TRACK

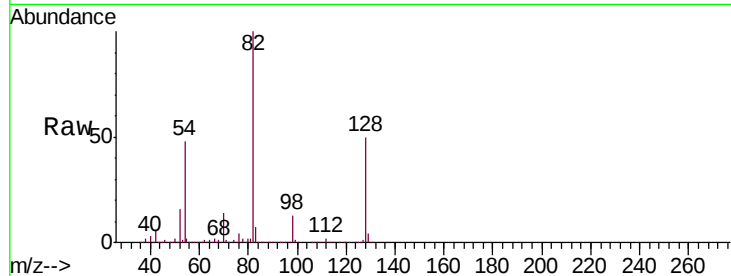
Tgt Ion: 82 Resp: 1406772

Ion Ratio Lower Upper

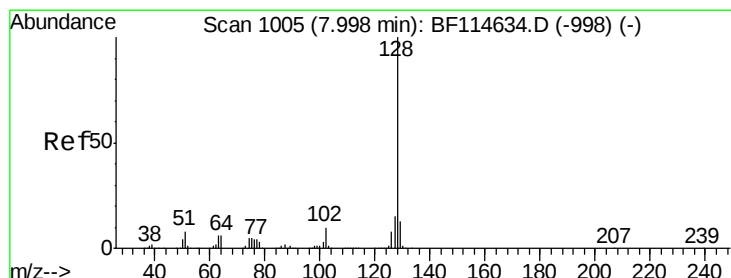
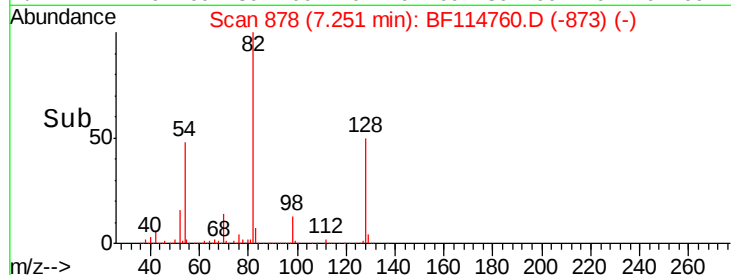
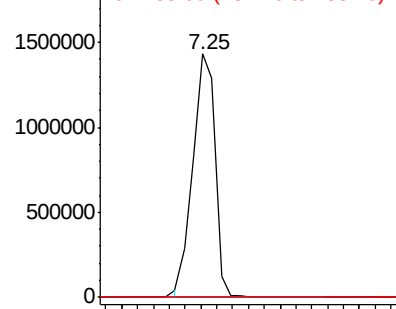
82 100

95 0.1 5.6 8.4#

138 0.0 15.9 23.9#



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): E



#31

Naphthalene

Concen: 5.243 ng

RT: 7.99 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF114760.D

Acq: 1 Jun 2019 16:39

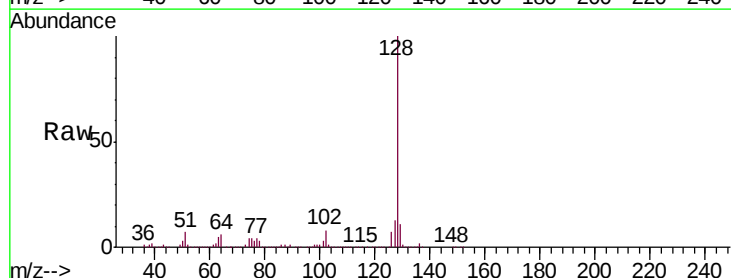
Tgt Ion: 128 Resp: 306319

Ion Ratio Lower Upper

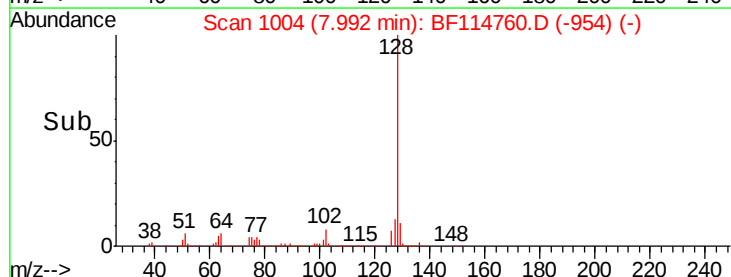
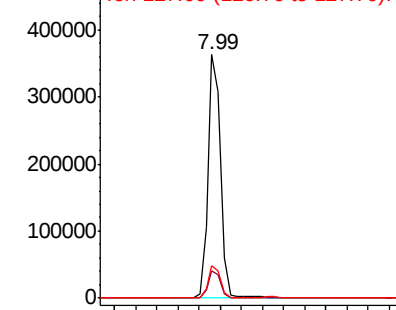
128 100

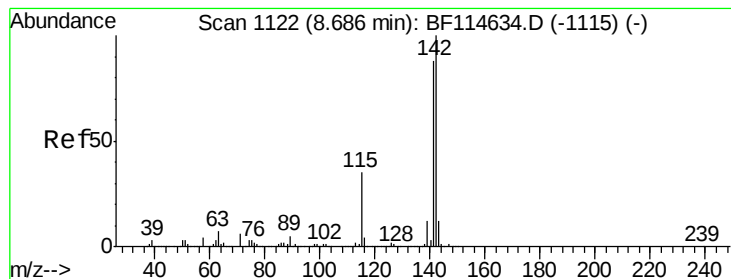
129 11.3 10.2 15.2

127 13.1 11.9 17.9



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

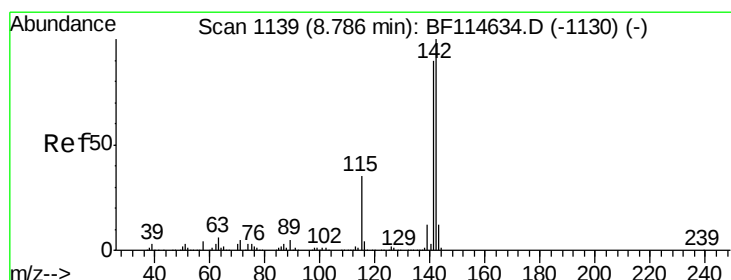
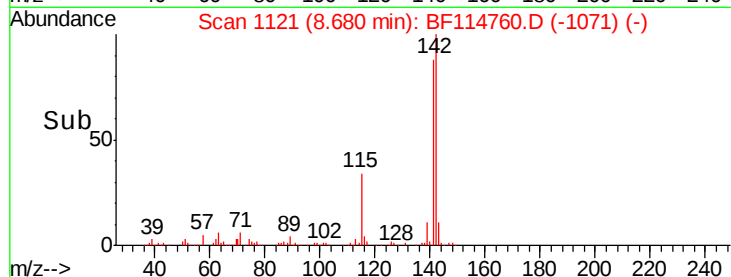
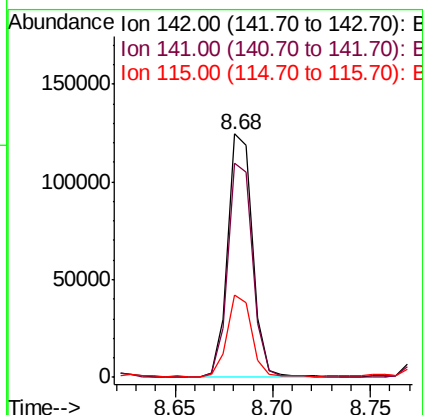
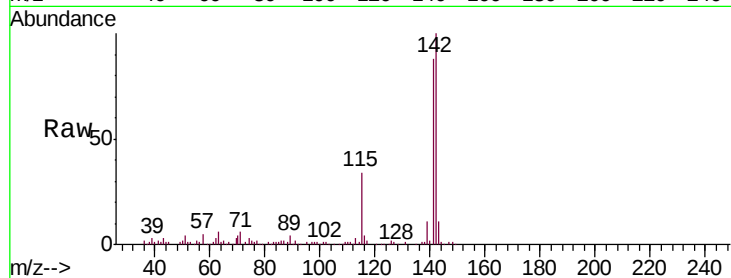




#37
2-Methylnaphthalene
Concen: 2.843 ng
RT: 8.68 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BF114760.D
Acq: 1 Jun 2019 16:39

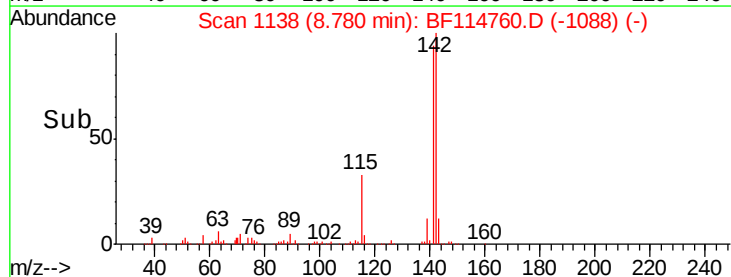
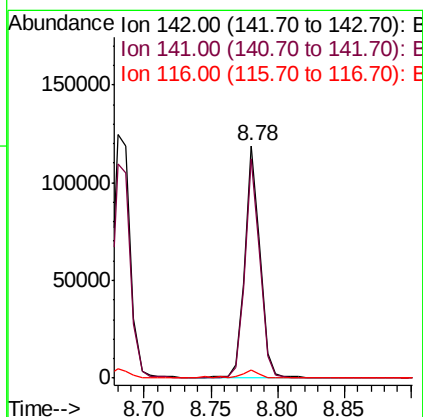
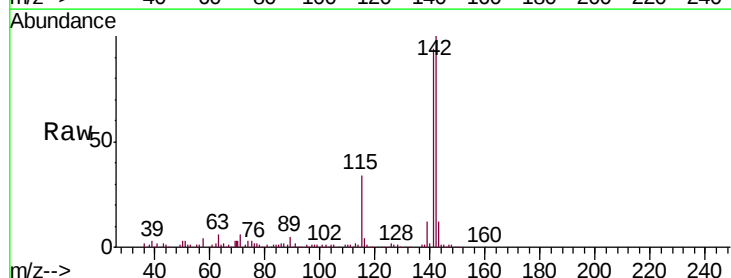
Instrument :
BNA_F
ClientSampleId :
8-9-TRACK

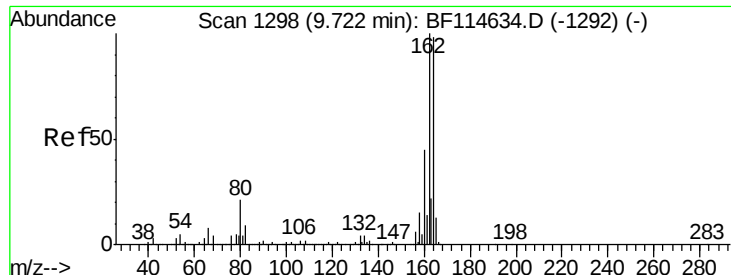
Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.8	70.3	105.5
115	34.0	28.0	42.0



#38
1-Methylnaphthalene
Concen: 2.559 ng
RT: 8.78 min Scan# 1138
Delta R.T. -0.01 min
Lab File: BF114760.D
Acq: 1 Jun 2019 16:39

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.4	72.3	108.5
116	3.6	3.0	4.4

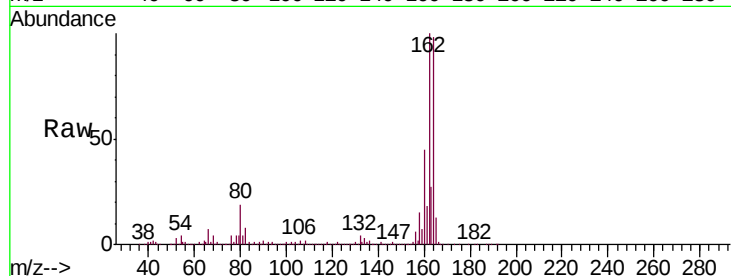




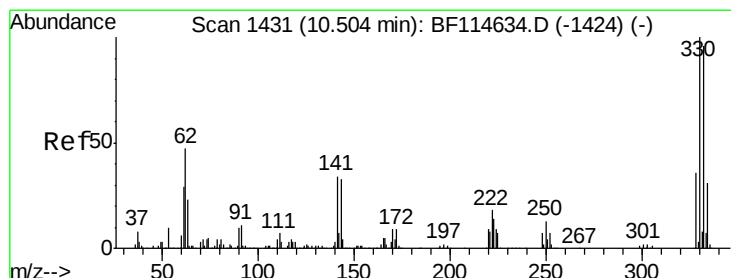
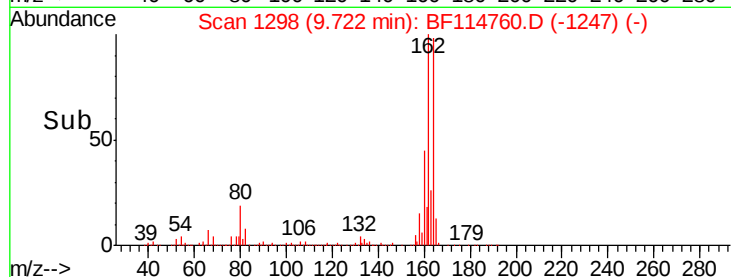
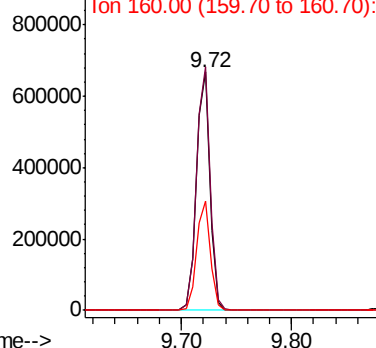
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BF114760.D
Acq: 1 Jun 2019 16:39

Instrument :
BNA_F
ClientSampleId :
8-9-TRACK

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.2	81.4	122.2
160	46.1	36.6	54.8

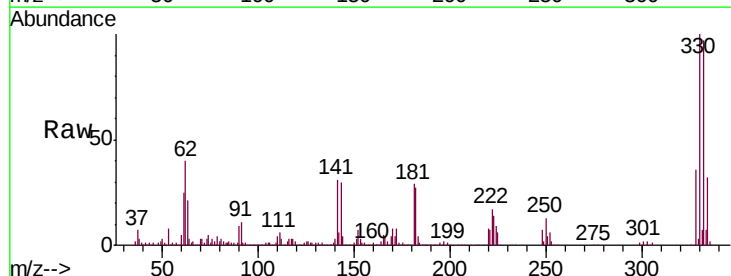


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

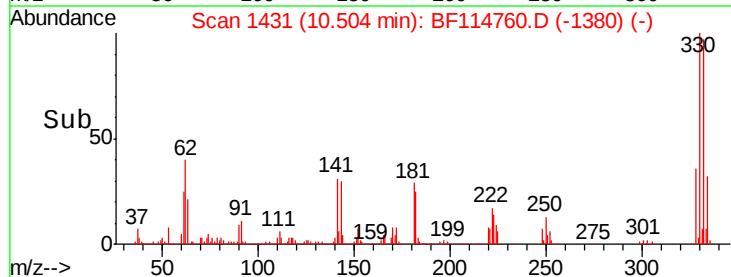
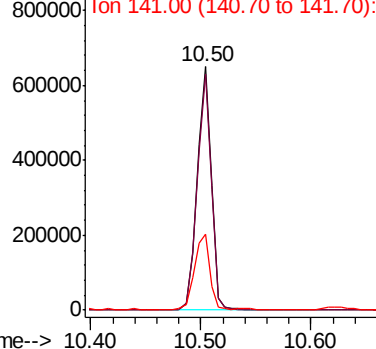


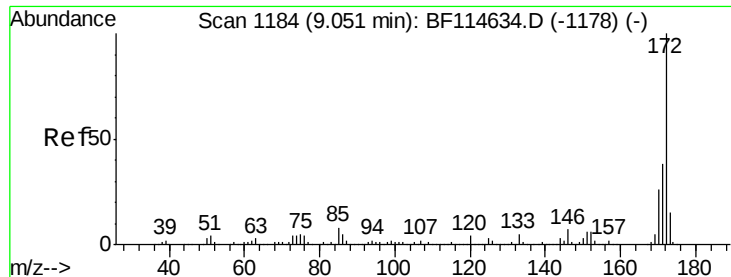
#42
2,4,6-Tribromophenol
Concen: 106.375 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.00 min
Lab File: BF114760.D
Acq: 1 Jun 2019 16:39

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.0	75.8	113.8
141	33.7	27.8	41.8



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

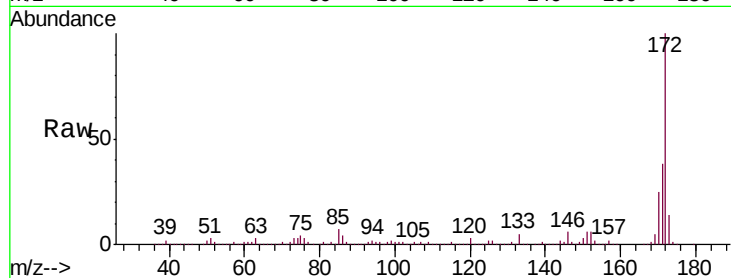




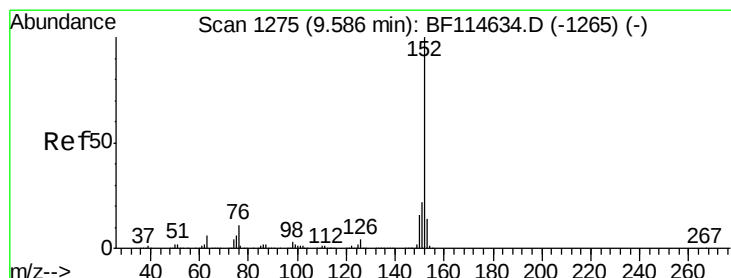
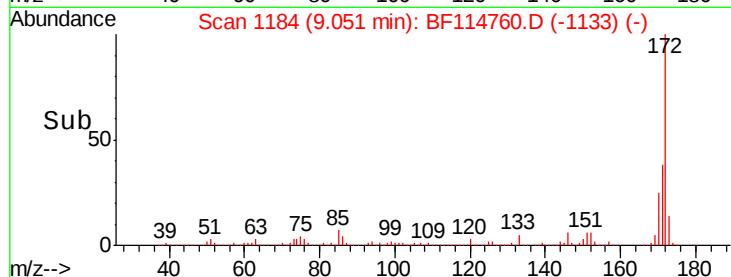
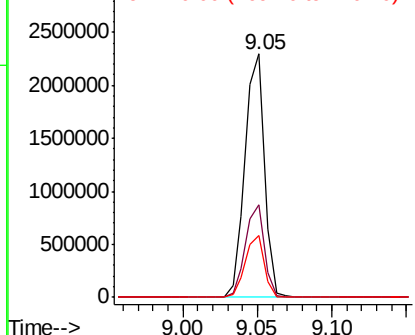
#45
2-Fluorobiphenyl
Concen: 64.031 ng
RT: 9.05 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BF114760.D
Acq: 1 Jun 2019 16:39

Instrument :
BNA_F
ClientSampleId :
8-9-TRACK

Tgt Ion:172 Resp: 2090748
Ion Ratio Lower Upper
172 100
171 37.9 30.6 45.8
170 25.4 20.7 31.1

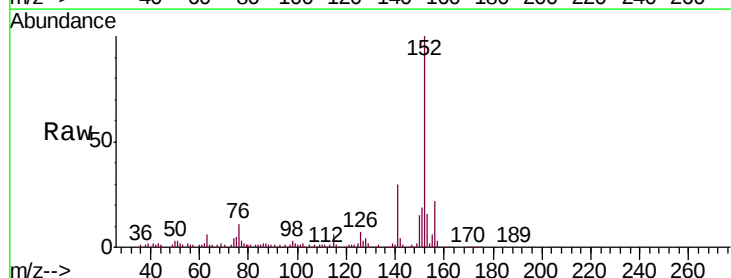


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

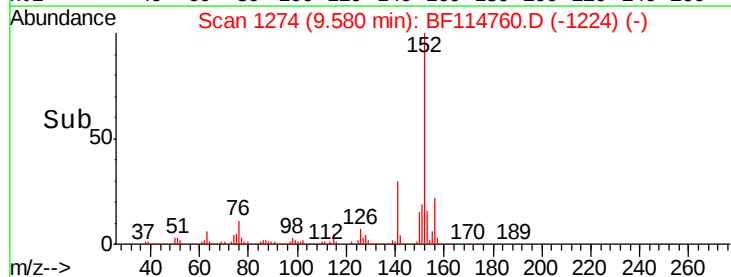
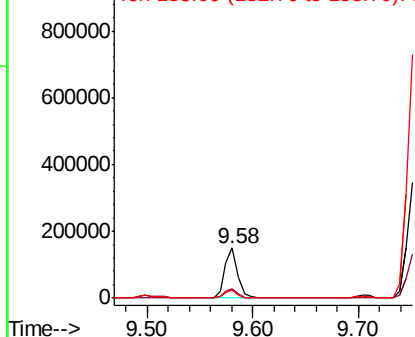


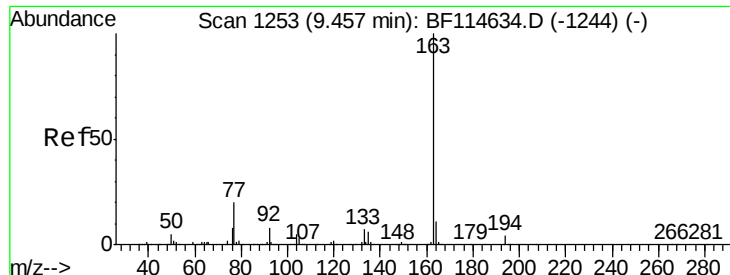
#49
Acenaphthylene
Concen: 2.399 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BF114760.D
Acq: 1 Jun 2019 16:39

Tgt Ion:152 Resp: 130377
Ion Ratio Lower Upper
152 100
151 19.5 17.5 26.3
153 15.7 11.6 17.4



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: 10.065 ng

RT: 9.44 min Scan# 1250

Delta R.T. -0.02 min

Lab File: BF114760.D

Acq: 1 Jun 2019 16:39

Instrument :

BNA_F

ClientSampleId :

8-9-TRACK

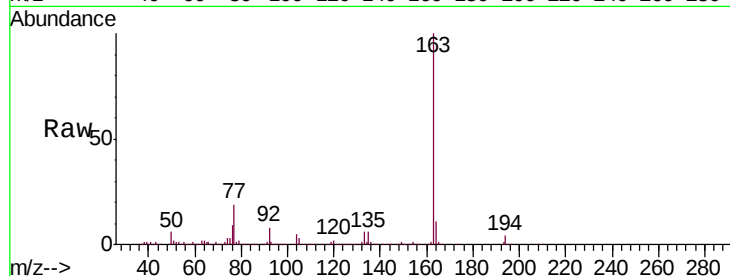
Tgt Ion:163 Resp: 405192

Ion Ratio Lower Upper

163 100

194 3.8 3.4 5.0

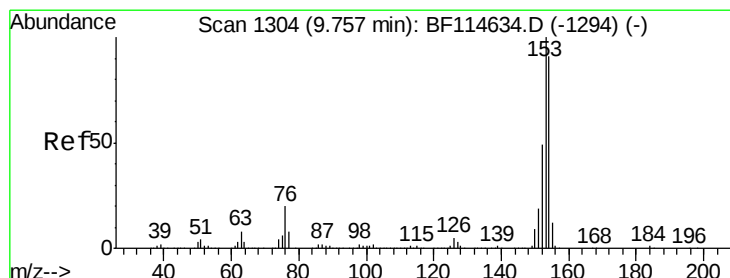
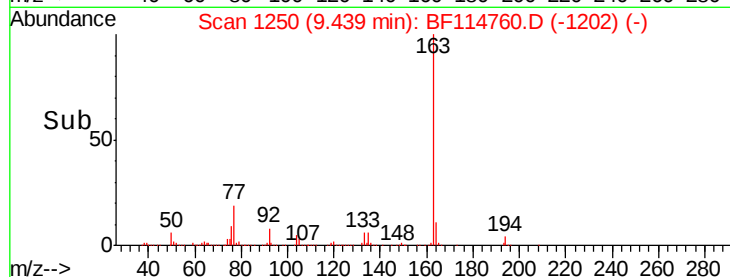
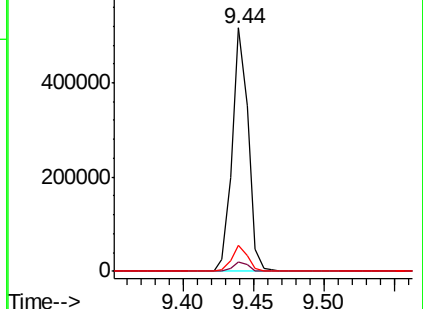
164 10.9 8.6 13.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#52

Acenaphthene

Concen: 15.598 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF114760.D

Acq: 1 Jun 2019 16:39

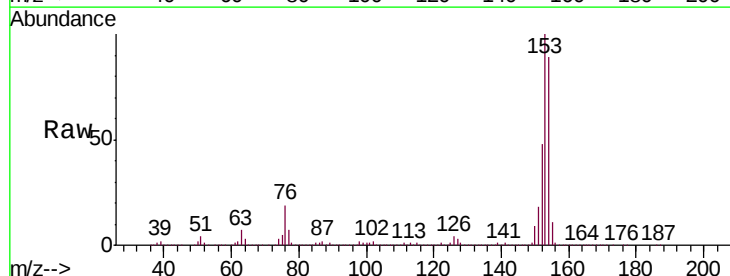
Tgt Ion:154 Resp: 519880

Ion Ratio Lower Upper

154 100

153 111.9 88.4 132.6

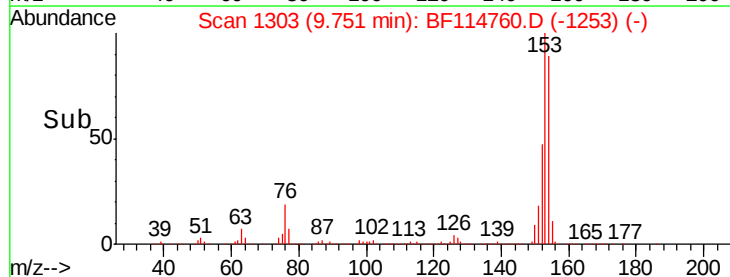
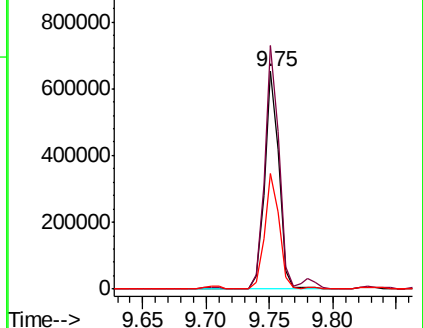
152 53.2 43.4 65.0

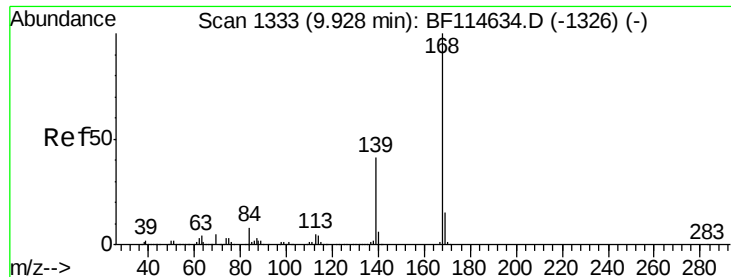


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#55

Dibenzofuran

Concen: 8.228 ng

RT: 9.92 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BF114760.D

Acq: 1 Jun 2019 16:39

Instrument :

BNA_F

ClientSampleId :

8-9-TRACK

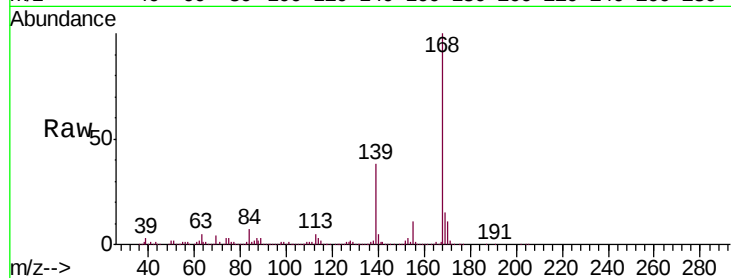
Tgt Ion:168 Resp: 390398

Ion Ratio Lower Upper

168 100

139 38.3 32.6 48.8

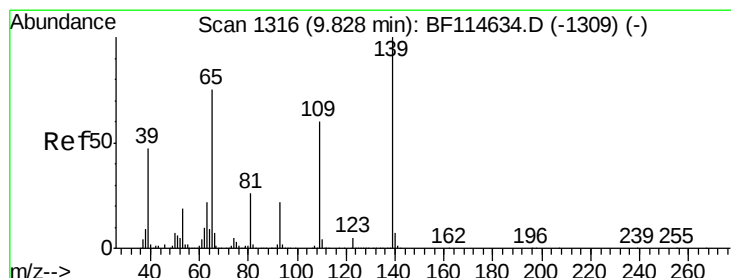
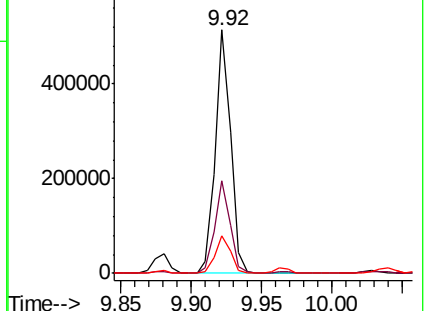
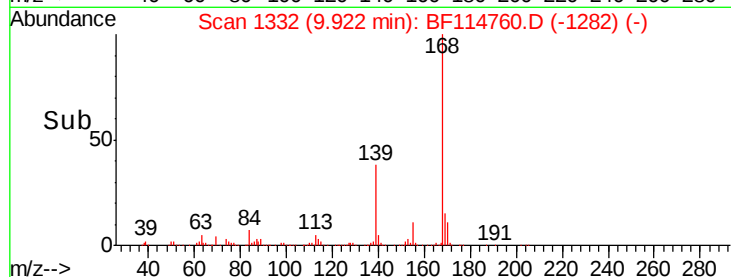
169 15.3 11.8 17.8



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: 17.087 ng

RT: 9.92 min Scan# 1332

Delta R.T. 0.09 min

Lab File: BF114760.D

Acq: 1 Jun 2019 16:39

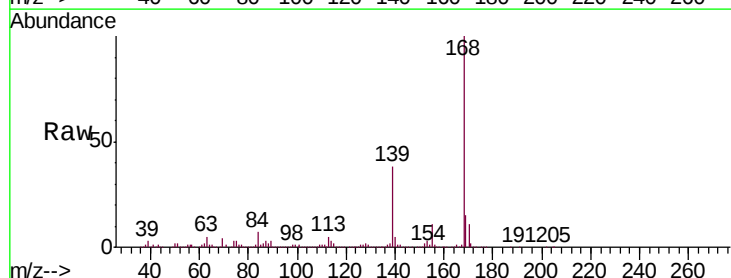
Tgt Ion:139 Resp: 144975

Ion Ratio Lower Upper

139 100

109 1.3 40.4 80.4#

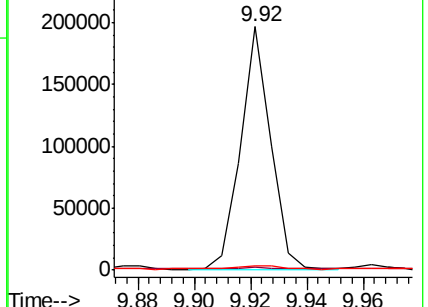
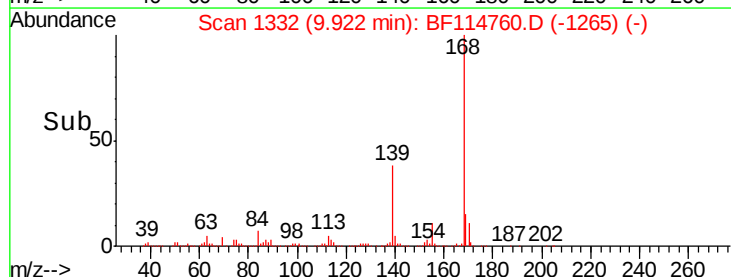
65 1.9 54.7 94.7#

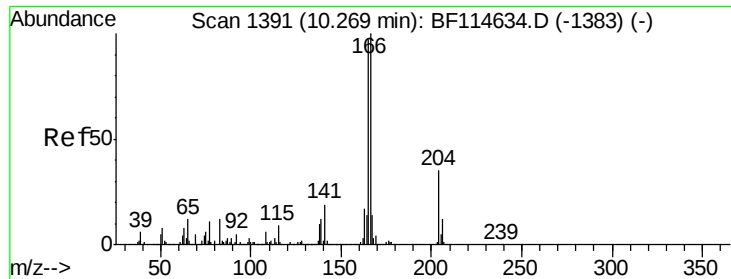


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#58

Fluorene

Concen: 16.335 ng

RT: 10.26 min Scan# 1390

Delta R.T. -0.01 min

Lab File: BF114760.D

Acq: 1 Jun 2019 16:39

Instrument :

BNA_F

ClientSampleId :

8-9-TRACK

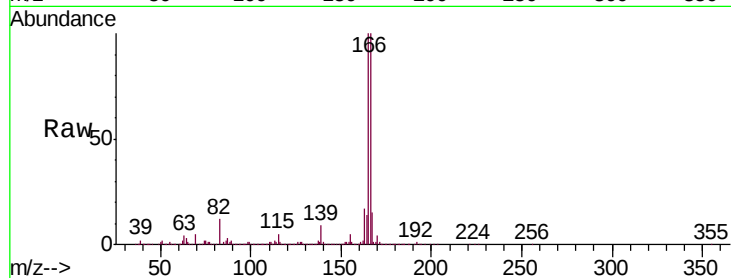
Tgt Ion:166 Resp: 657596

Ion Ratio Lower Upper

166 100

165 99.7 77.6 116.4

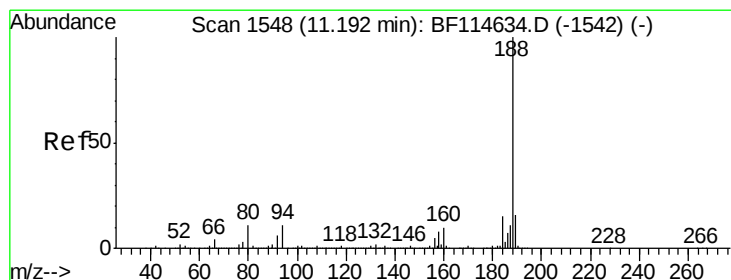
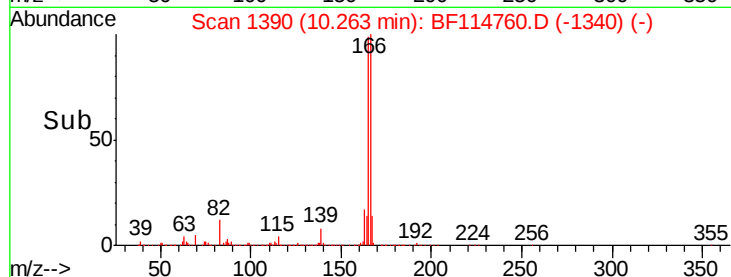
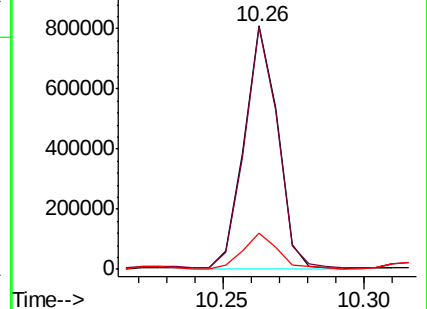
167 14.6 11.2 16.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.20 min Scan# 1549

Delta R.T. 0.01 min

Lab File: BF114760.D

Acq: 1 Jun 2019 16:39

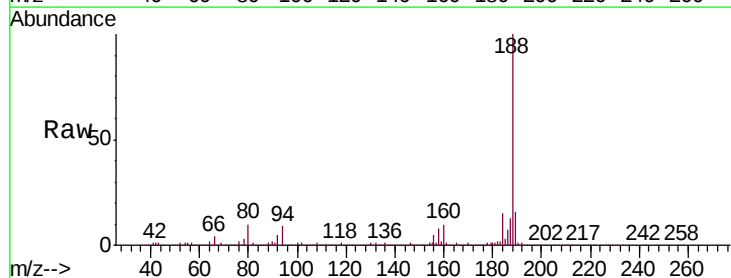
Tgt Ion:188 Resp: 1115520

Ion Ratio Lower Upper

188 100

94 9.1 8.6 13.0

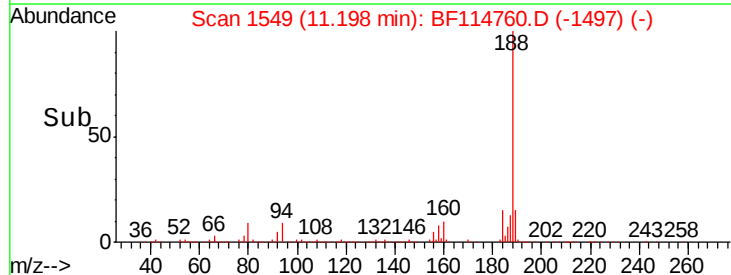
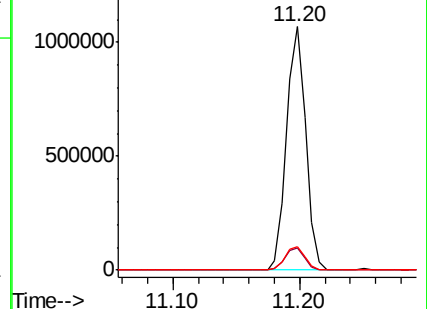
80 9.5 9.0 13.6

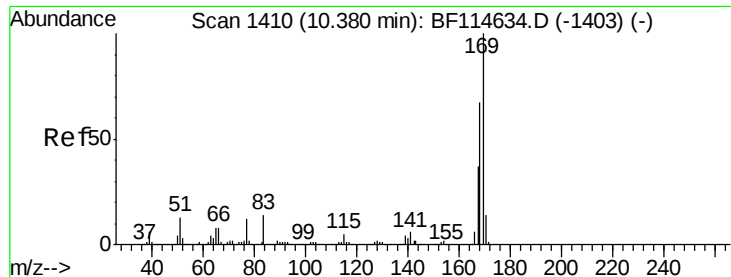


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

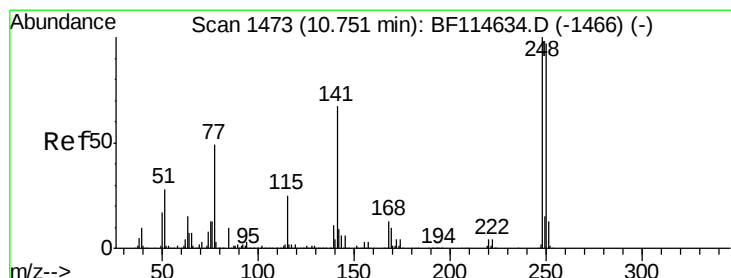
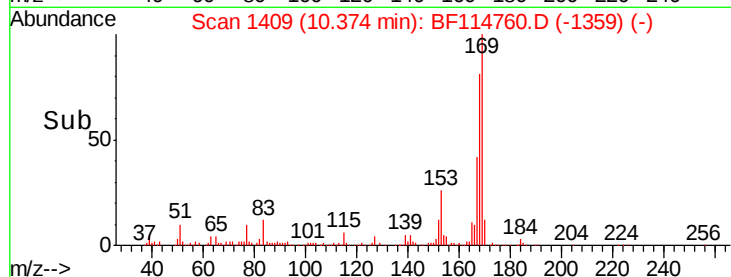
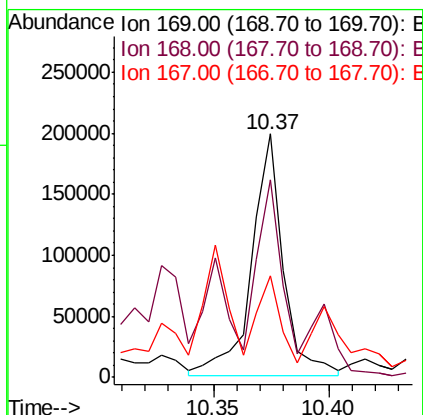
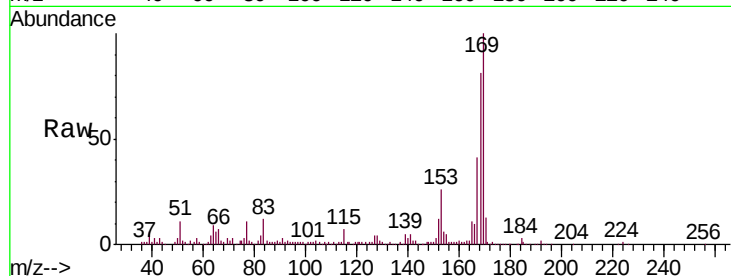




#66
 n-Nitrosodiphenylamine
 Concen: 5.827 ng
 RT: 10.37 min Scan# 1409
 Delta R.T. -0.01 min
 Lab File: BF114760.D
 Acq: 1 Jun 2019 16:39

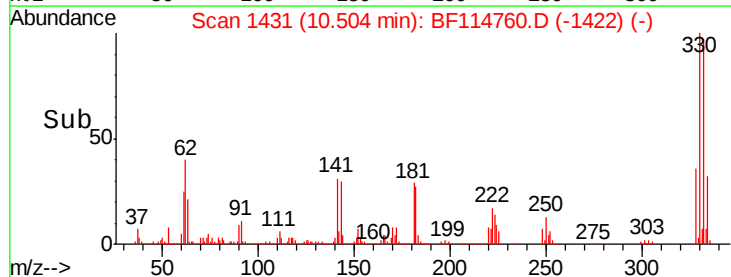
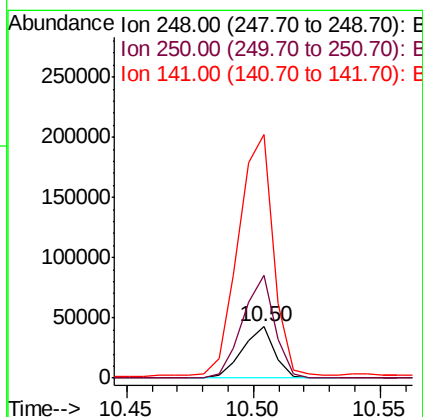
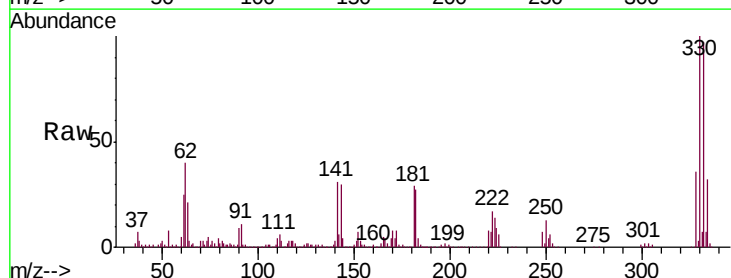
Instrument :
 BNA_F
 ClientSampleId :
 8-9-TRACK

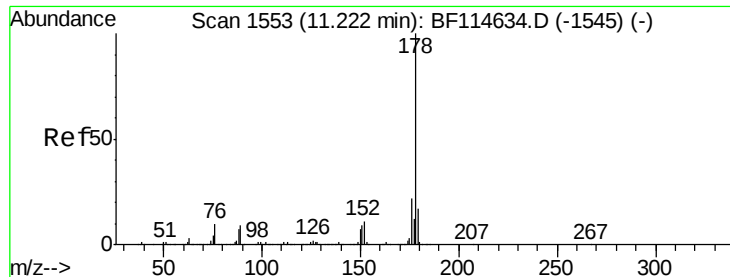
Tgt Ion:169 Resp: 192032
 Ion Ratio Lower Upper
 169 100
 168 81.1 53.8 80.8#
 167 41.5 29.8 44.6



#67
 4-Bromophenyl-phenylether
 Concen: 3.157 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.25 min
 Lab File: BF114760.D
 Acq: 1 Jun 2019 16:39

Tgt Ion:248 Resp: 37771
 Ion Ratio Lower Upper
 248 100
 250 200.4 78.0 117.0#
 141 477.3 53.8 80.8#

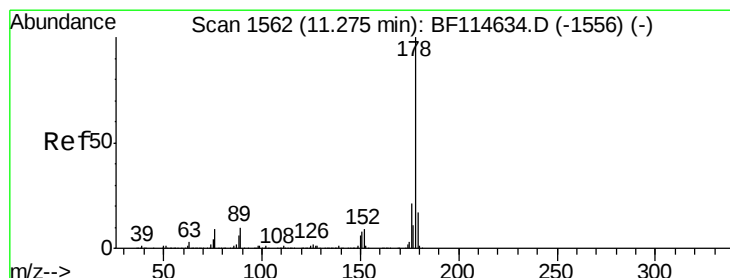
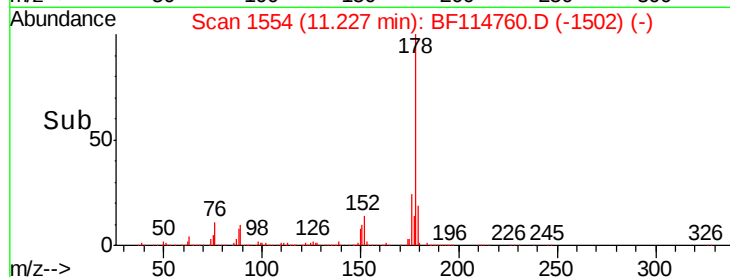
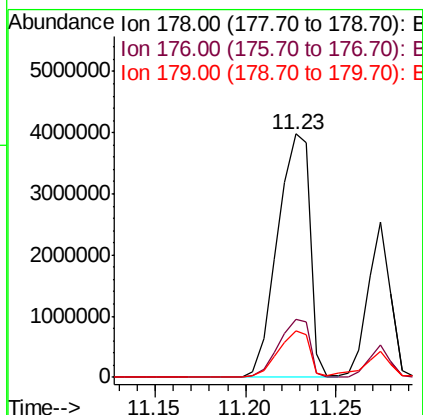
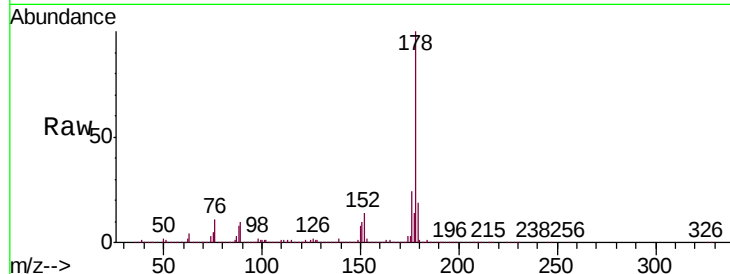




#71
 Phenanthrene
 Concen: 87.488 ng
 RT: 11.23 min Scan# 1554
 Delta R.T. 0.01 min
 Lab File: BF114760.D
 Acq: 1 Jun 2019 16:39

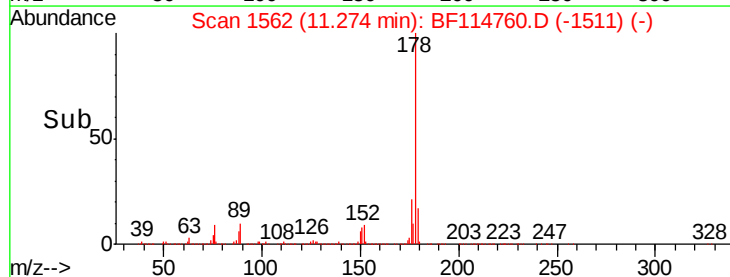
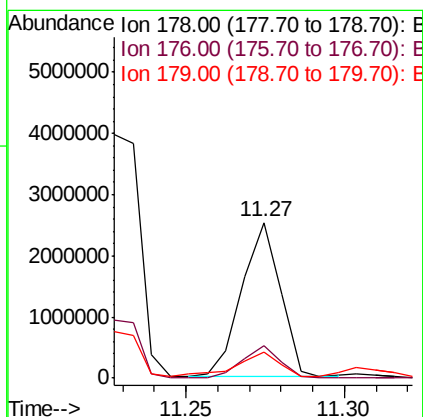
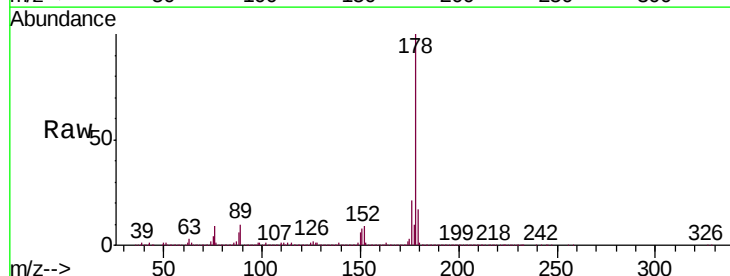
Instrument :
 BNA_F
 ClientSampleId :
 8-9-TRACK

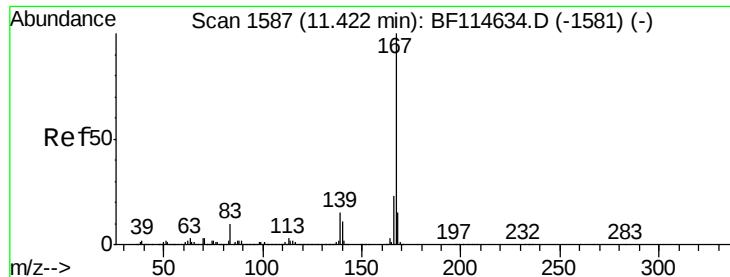
Tgt Ion:178 Resp: 4978457
 Ion Ratio Lower Upper
 178 100
 176 24.1 17.2 25.8
 179 19.3 13.9 20.9



#72
 Anthracene
 Concen: 36.907 ng
 RT: 11.27 min Scan# 1562
 Delta R.T. 0.00 min
 Lab File: BF114760.D
 Acq: 1 Jun 2019 16:39

Tgt Ion:178 Resp: 2125572
 Ion Ratio Lower Upper
 178 100
 176 20.6 16.6 24.8
 179 16.8 13.4 20.0

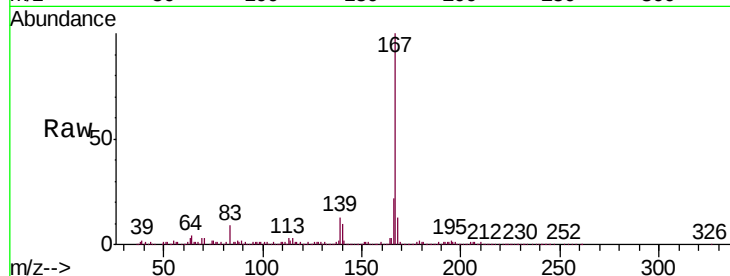




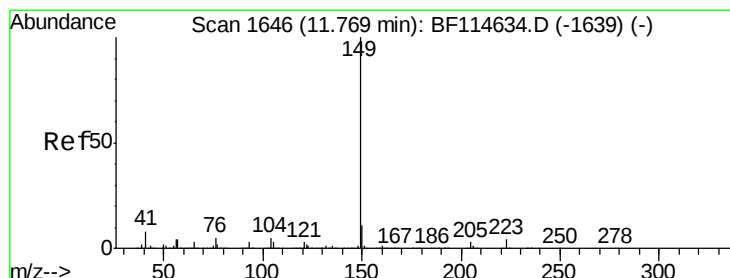
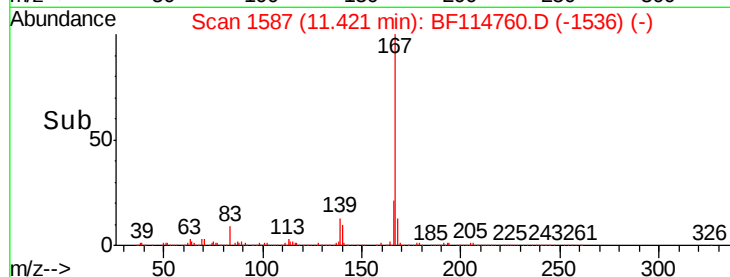
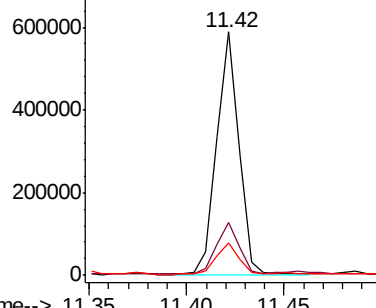
#73
 Carbazole
 Concen: 9.150 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. 0.00 min
 Lab File: BF114760.D
 Acq: 1 Jun 2019 16:39

Instrument :
 BNA_F
 ClientSampleId :
 8-9-TRACK

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.6	18.7	28.1
139	13.2	11.8	17.8

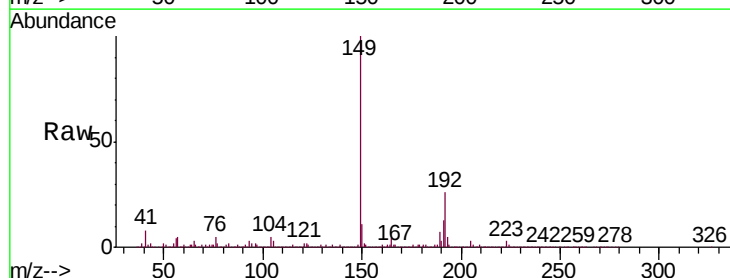


Abundance Ion 167.00 (166.70 to 167.70): E
 800000
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

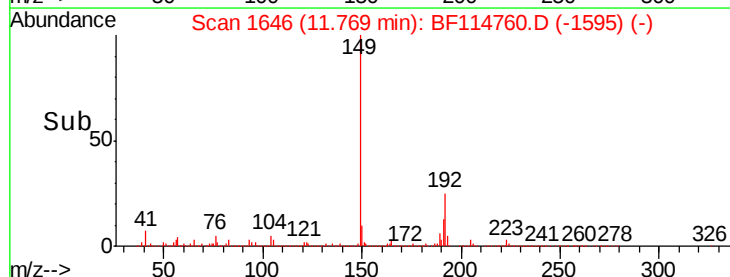
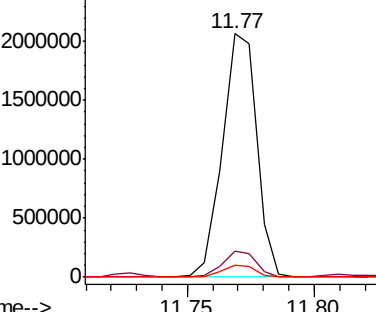


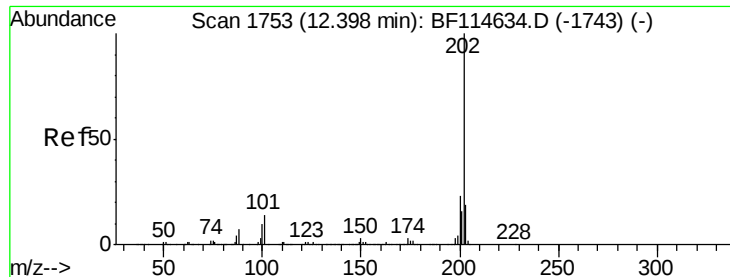
#74
 Di-n-butylphthalate
 Concen: 28.972 ng
 RT: 11.77 min Scan# 1646
 Delta R.T. 0.00 min
 Lab File: BF114760.D
 Acq: 1 Jun 2019 16:39

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.5	8.6	12.8
104	5.0	4.3	6.5



Abundance Ion 149.00 (148.70 to 149.70): E
 2500000
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 118.855 ng

RT: 12.43 min Scan# 1759

Delta R.T. 0.04 min

Lab File: BF114760.D

Acq: 1 Jun 2019 16:39

Instrument :

BNA_F

ClientSampleId :

8-9-TRACK

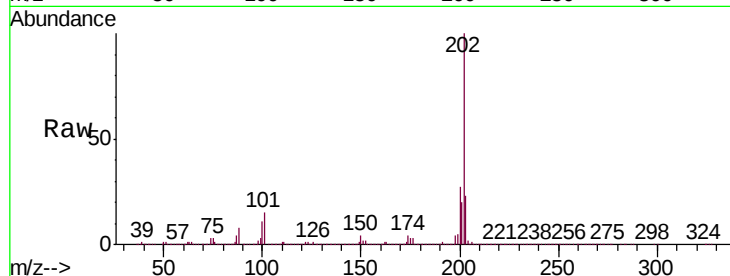
Tgt Ion:202 Resp: 7003317

Ion Ratio Lower Upper

202 100

101 15.0 0.0 33.9

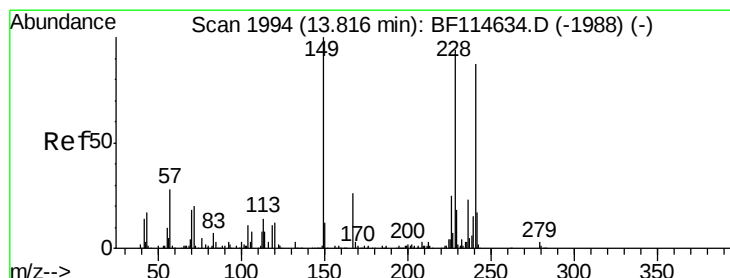
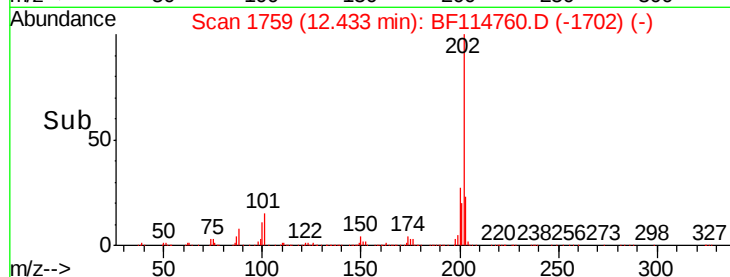
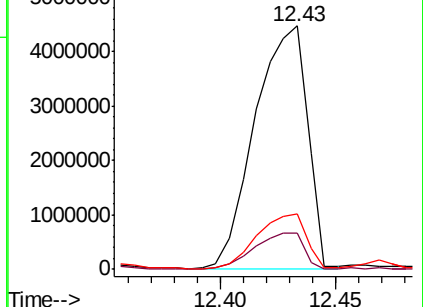
203 23.0 0.0 39.1



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. 0.02 min

Lab File: BF114760.D

Acq: 1 Jun 2019 16:39

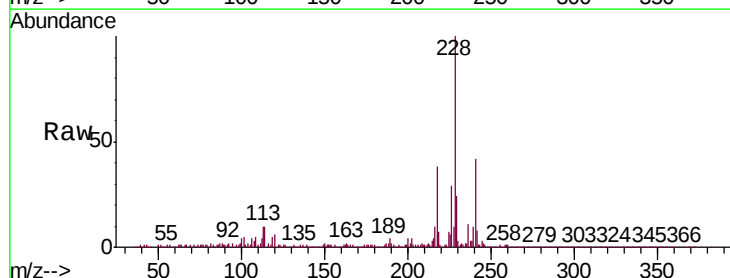
Tgt Ion:240 Resp: 723880

Ion Ratio Lower Upper

240 100

120 14.1 11.2 16.8

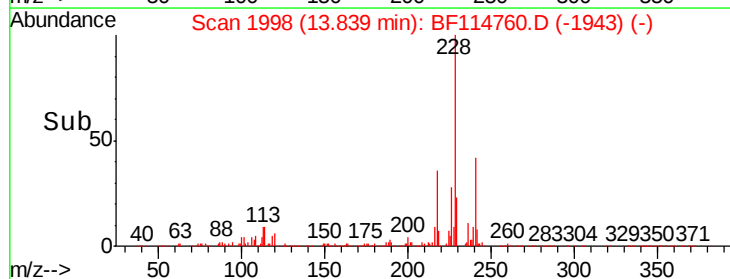
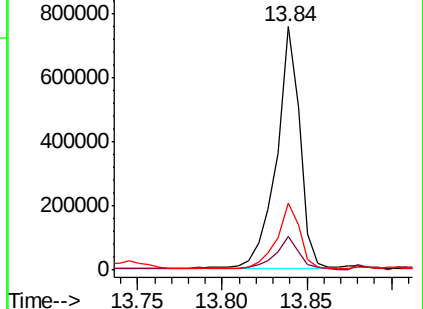
236 27.5 21.2 31.8

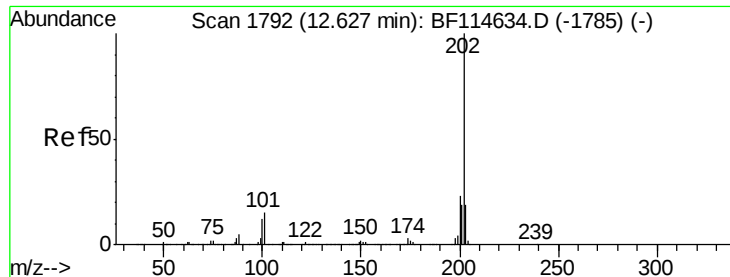


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

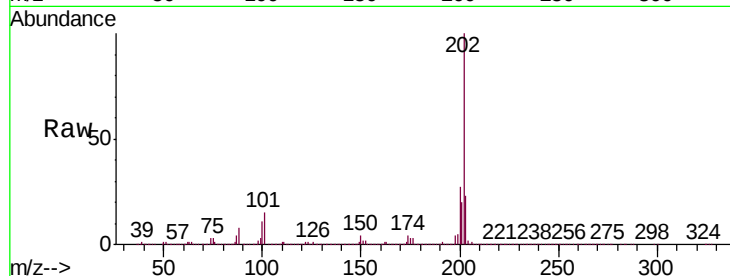




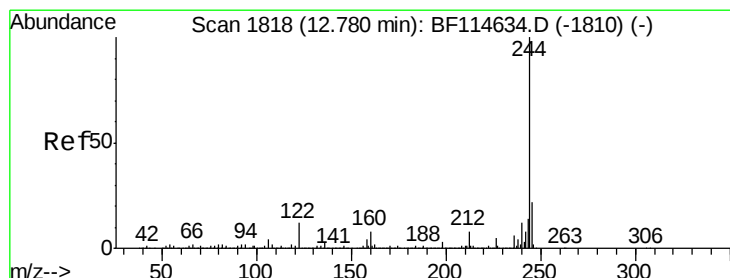
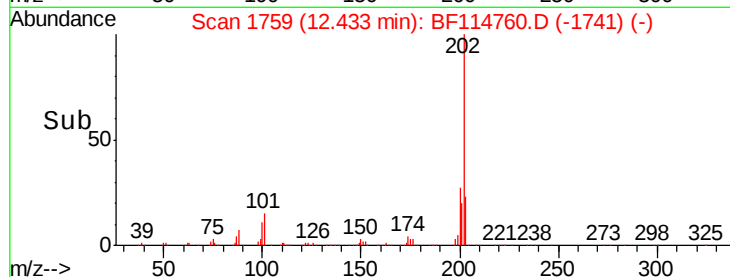
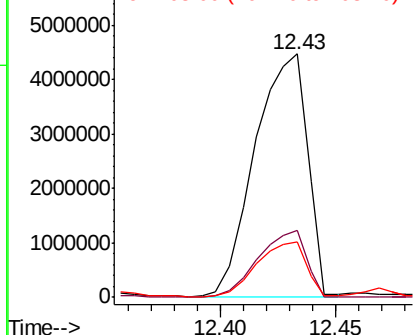
#78
 Pyrene
 Concen: 114.369 ng
 RT: 12.43 min Scan# 1759
 Delta R.T. -0.19 min
 Lab File: BF114760.D
 Acq: 1 Jun 2019 16:39

Instrument :
 BNA_F
 ClientSampleId :
 8-9-TRACK

Tgt Ion:202 Resp: 7003317
 Ion Ratio Lower Upper
 202 100
 200 27.4 18.6 28.0
 203 23.0 15.4 23.2

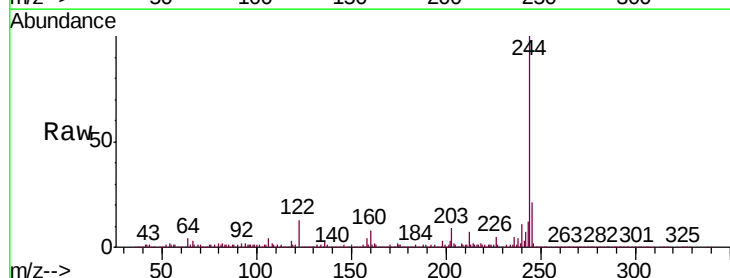


Abundance Ion 202.00 (201.70 to 202.70): E
 6000000 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

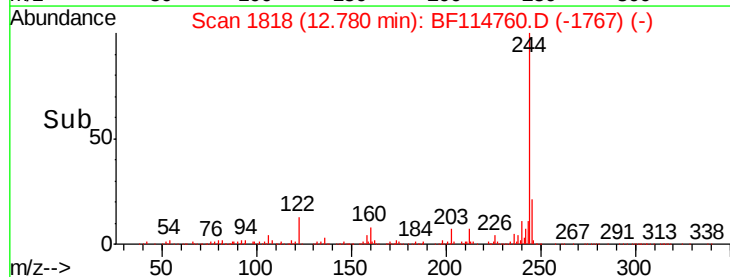
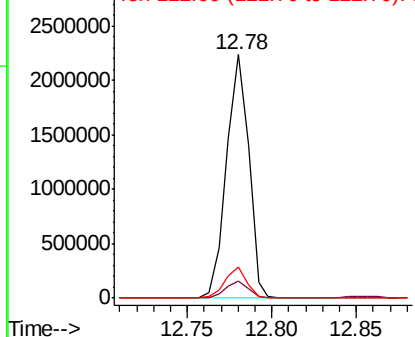


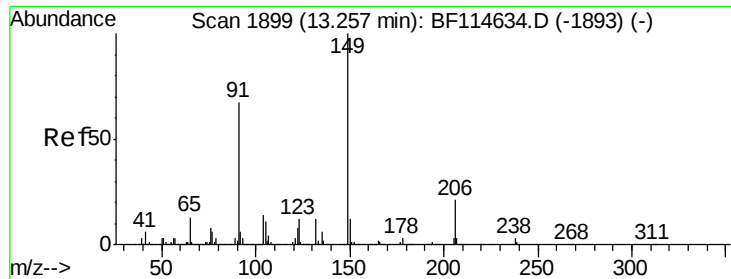
#79
 Terphenyl-d14
 Concen: 52.899 ng
 RT: 12.78 min Scan# 1818
 Delta R.T. -0.00 min
 Lab File: BF114760.D
 Acq: 1 Jun 2019 16:39

Tgt Ion:244 Resp: 2036684
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.1 9.1
 122 12.7 9.8 14.8



Abundance Ion 244.00 (243.70 to 244.70): E
 3000000 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

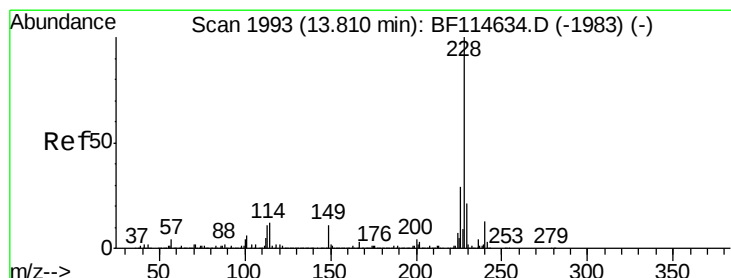
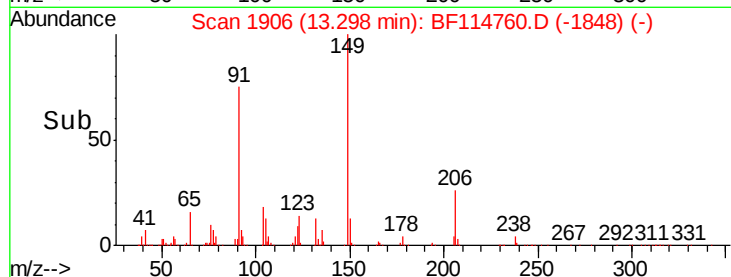
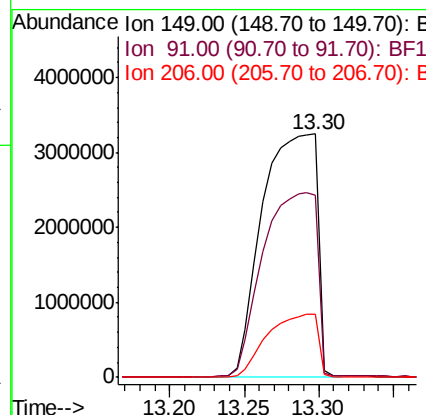
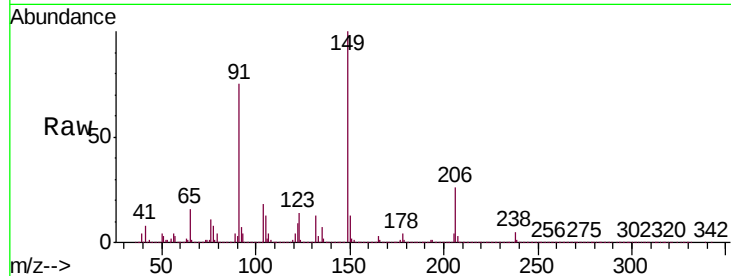




#80
Butylbenzylphthalate
Concen: 268.893 ng
RT: 13.30 min Scan# 1906
Delta R.T. 0.04 min
Lab File: BF114760.D
Acq: 1 Jun 2019 16:39

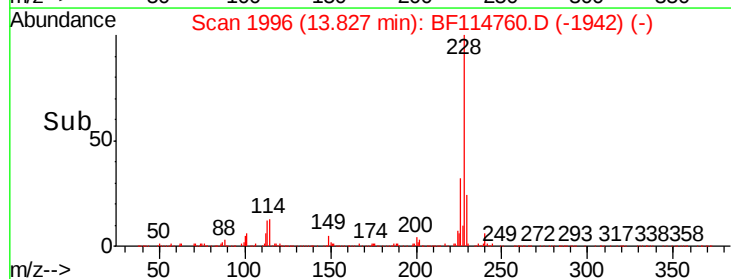
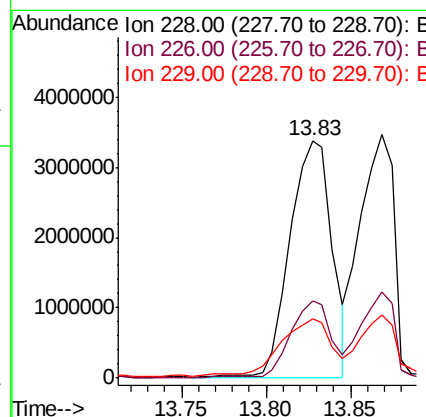
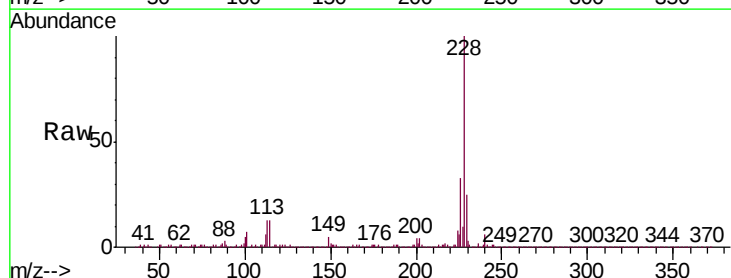
Instrument :
BNA_F
ClientSampleId :
8-9-TRACK

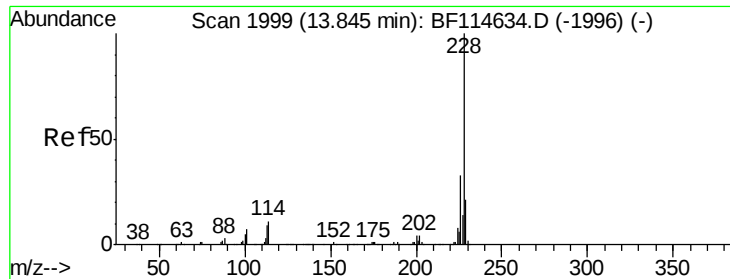
Tgt Ion:149 Resp: 8275018
Ion Ratio Lower Upper
149 100
91 75.0 53.8 80.8
206 26.1 16.9 25.3#



#81
Benzo(a)anthracene
Concen: 104.268 ng
RT: 13.83 min Scan# 1996
Delta R.T. 0.02 min
Lab File: BF114760.D
Acq: 1 Jun 2019 16:39

Tgt Ion:228 Resp: 5800195
Ion Ratio Lower Upper
228 100
226 32.7 23.0 34.6
229 24.9 17.0 25.4

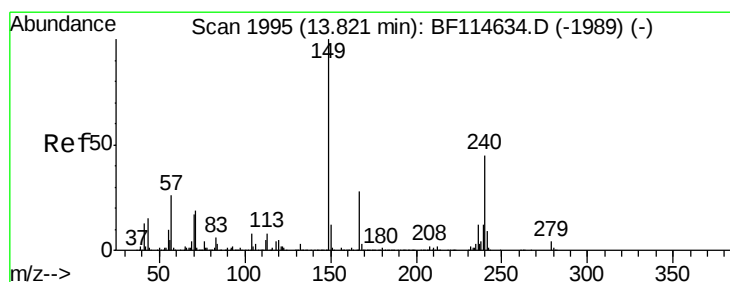
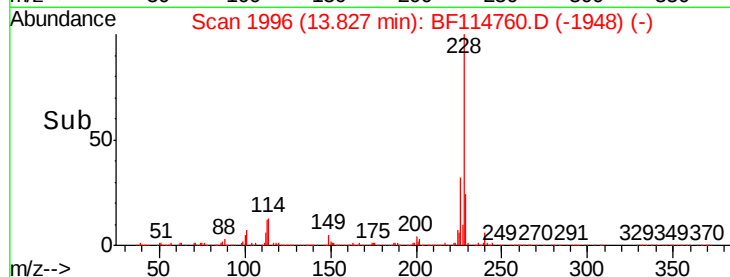
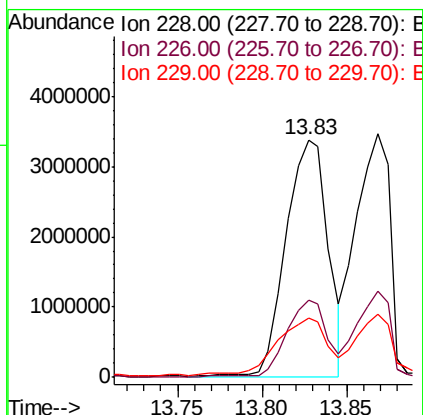
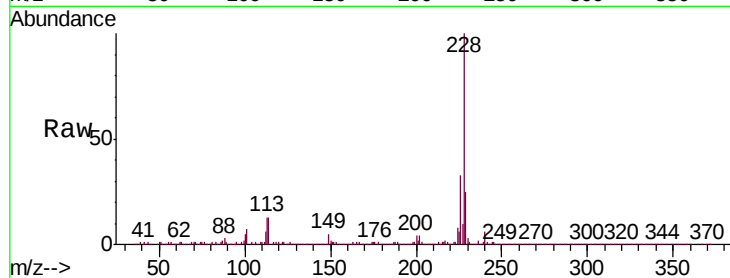




#83
Chrysene
Concen: 109.134 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.02 min
Lab File: BF114760.D
Acq: 1 Jun 2019 16:39

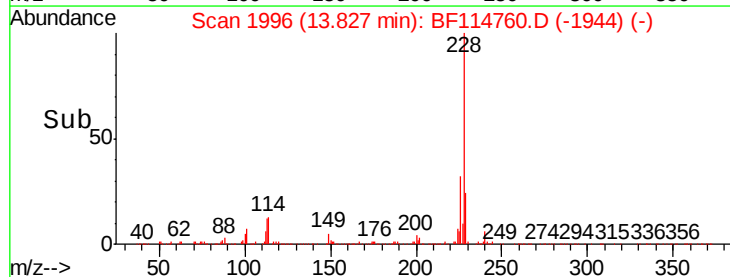
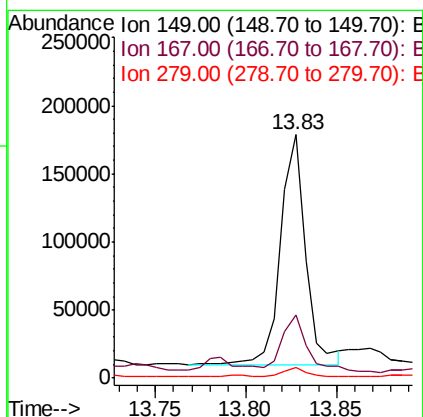
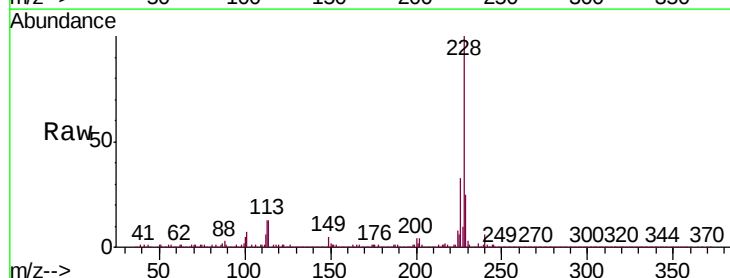
Instrument :
BNA_F
ClientSampleId :
8-9-TRACK

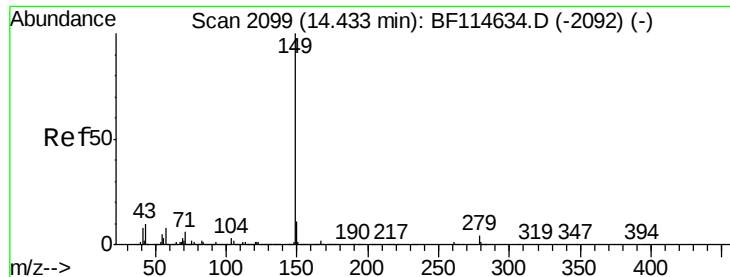
Tgt Ion: 228 Resp: 5800195
Ion Ratio Lower Upper
228 100
226 32.7 26.4 39.6
229 24.9 17.1 25.7



#84
Bis(2-ethylhexyl)phthalate
Concen: 4.290 ng
RT: 13.83 min Scan# 1996
Delta R.T. 0.01 min
Lab File: BF114760.D
Acq: 1 Jun 2019 16:39

Tgt Ion: 149 Resp: 163202
Ion Ratio Lower Upper
149 100
167 26.1 22.6 33.8
279 4.4 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 15.085 ng

RT: 14.62 min Scan# 2130

Delta R.T. 0.18 min

Lab File: BF114760.D

Acq: 1 Jun 2019 16:39

Instrument :

BNA_F

ClientSampleId :

8-9-TRACK

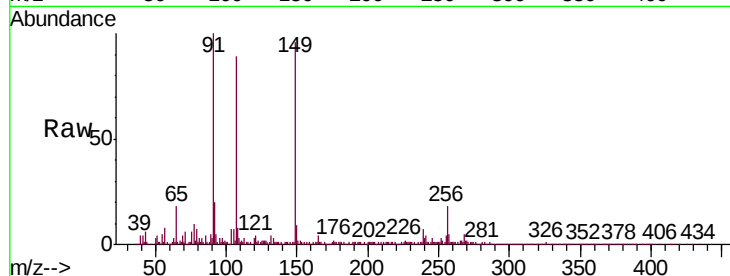
Tgt Ion:149 Resp: 997148

Ion Ratio Lower Upper

149 100

167 1.1 1.3 1.9#

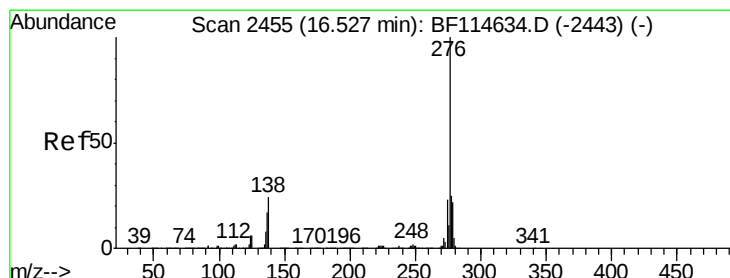
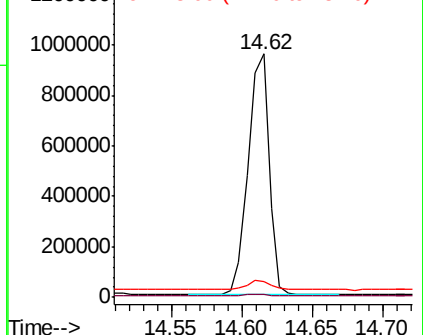
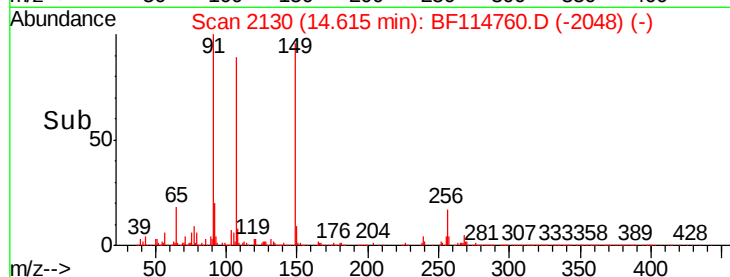
43 4.0 8.0 12.0#



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: 49.274 ng

RT: 16.57 min Scan# 2462

Delta R.T. 0.04 min

Lab File: BF114760.D

Acq: 1 Jun 2019 16:39

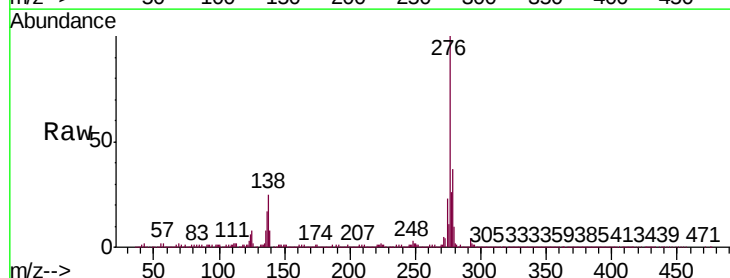
Tgt Ion:276 Resp: 2622848

Ion Ratio Lower Upper

276 100

138 26.0 23.0 34.6

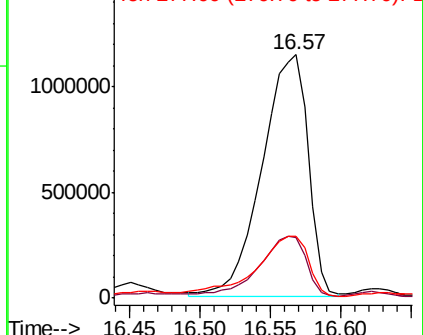
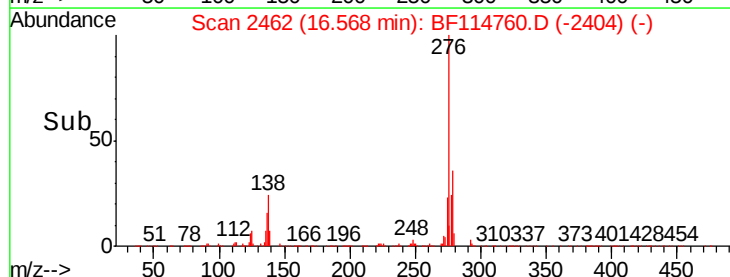
277 28.1 20.5 30.7

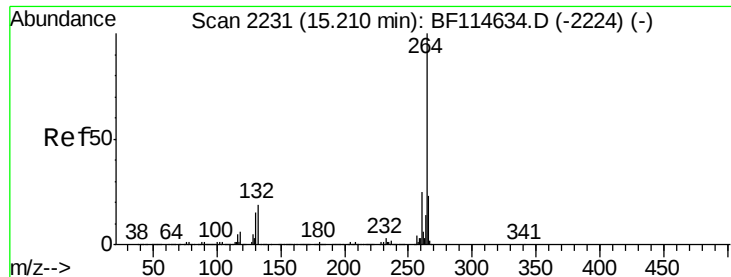


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



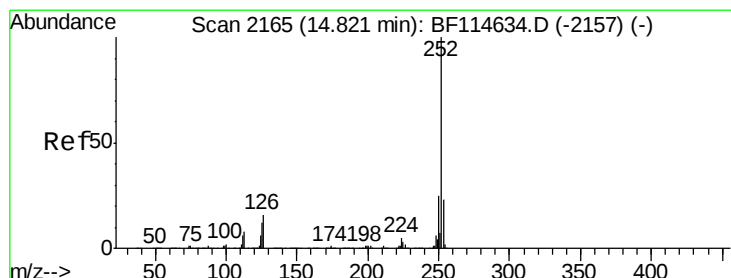
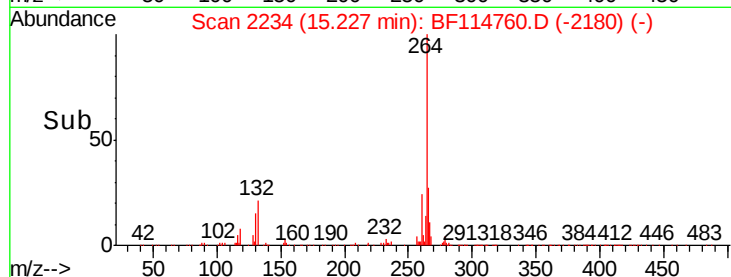
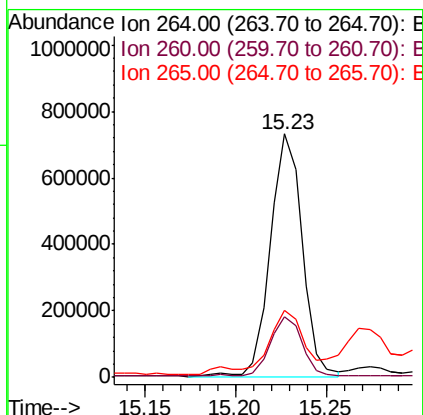
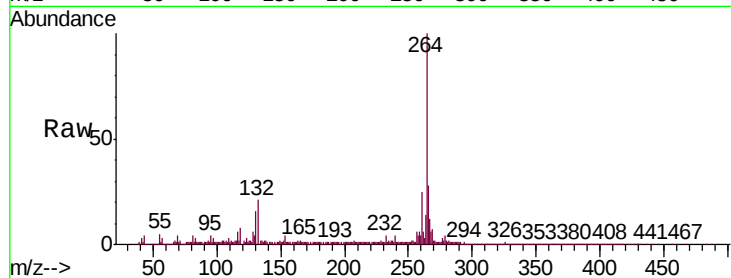


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2234
Delta R.T. 0.02 min
Lab File: BF114760.D
Acq: 1 Jun 2019 16:39

Instrument :
BNA_F
ClientSampleId :
8-9-TRACK

Tgt Ion: 264 Resp: 896187

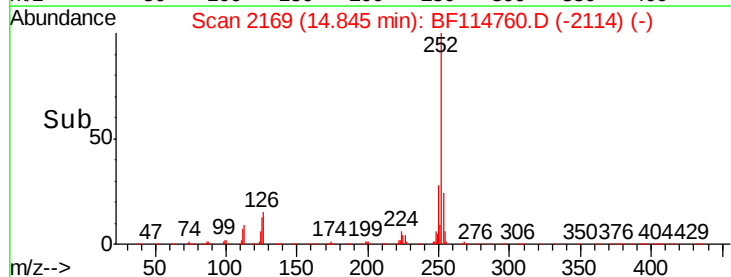
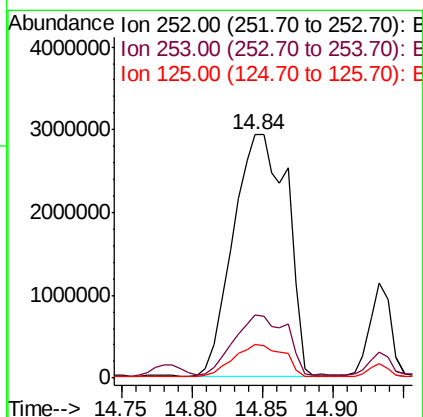
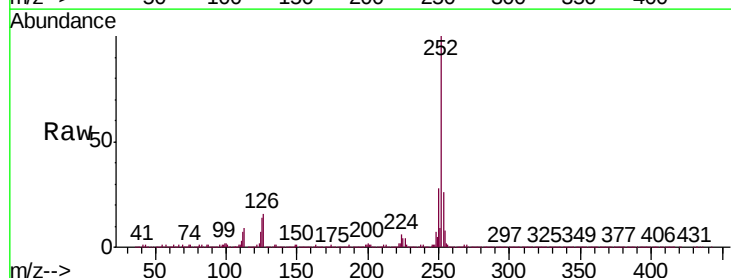
Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.7	29.5
265	27.6	18.1	27.1#

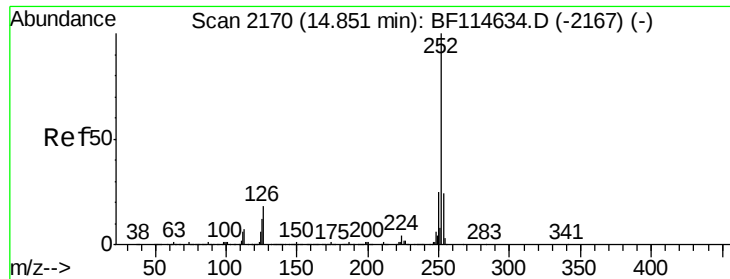


#88
Benzo(b)fluoranthene
Concen: 138.192 ng
RT: 14.84 min Scan# 2169
Delta R.T. 0.02 min
Lab File: BF114760.D
Acq: 1 Jun 2019 16:39

Tgt Ion: 252 Resp: 7800309

Ion	Ratio	Lower	Upper
252	100		
253	25.9	18.7	28.1
125	13.7	9.4	14.2

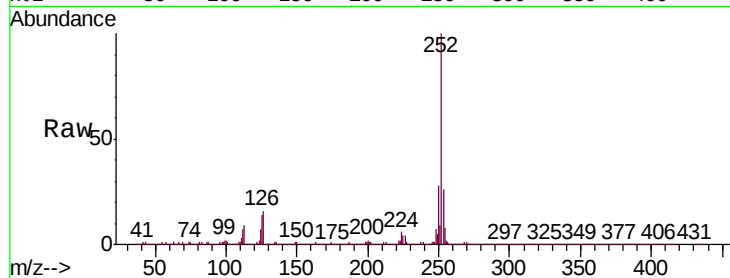




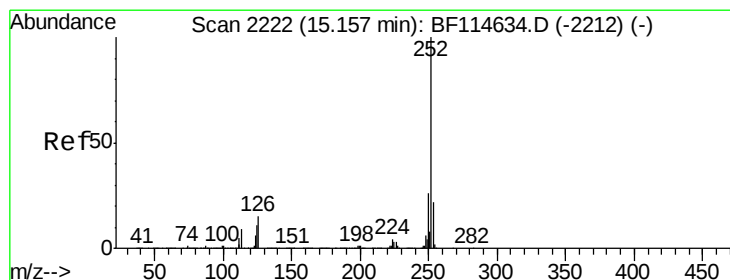
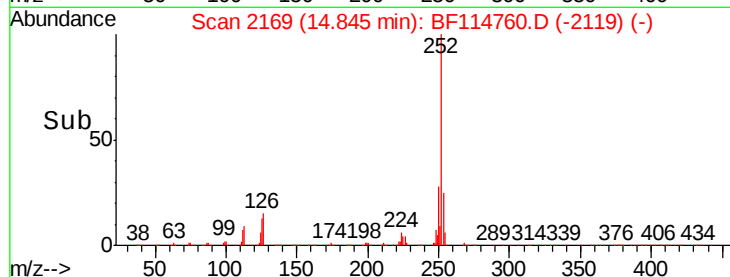
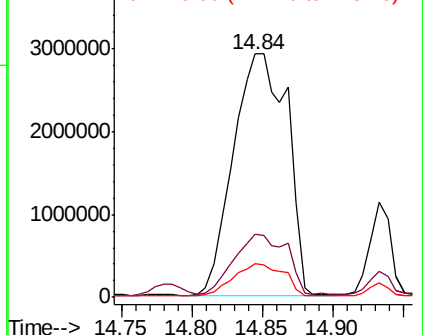
#89
Benzo(k)fluoranthene
Concen: 158.992 ng
RT: 14.84 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BF114760.D
Acq: 1 Jun 2019 16:39

Instrument :
BNA_F
ClientSampleId :
8-9-TRACK

Tgt Ion:252 Resp: 7800309
Ion Ratio Lower Upper
252 100
253 25.9 18.9 28.3
125 13.7 9.5 14.3

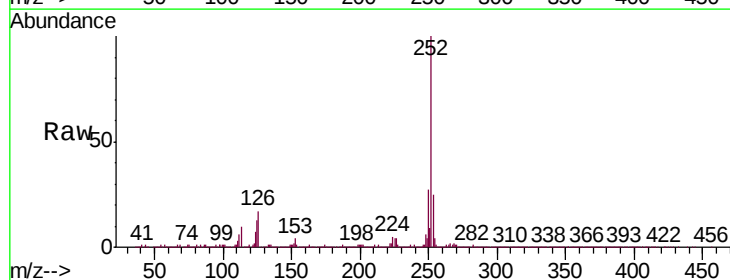


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

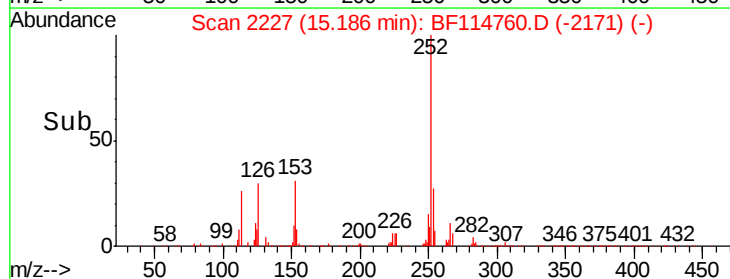
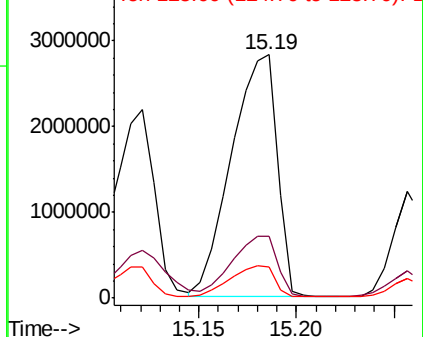


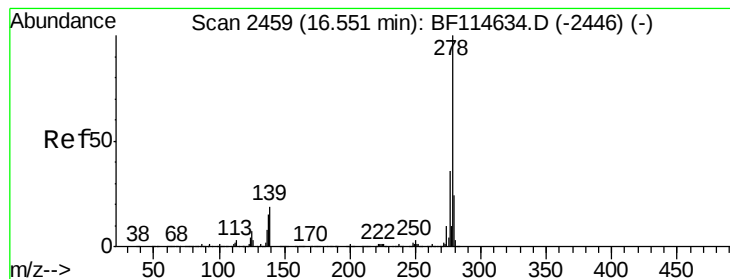
#90
Benzo(a)pyrene
Concen: 92.647 ng
RT: 15.19 min Scan# 2227
Delta R.T. 0.03 min
Lab File: BF114760.D
Acq: 1 Jun 2019 16:39

Tgt Ion:252 Resp: 4594032
Ion Ratio Lower Upper
252 100
253 25.2 18.0 27.0
125 12.8 9.2 13.8



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





#91

Dibenzo(a,h)anthracene

Concen: 16.585 ng

RT: 16.57 min Scan# 2462

Delta R.T. 0.02 min

Lab File: BF114760.D

Acq: 1 Jun 2019 16:39

Instrument :

BNA_F

ClientSampleId :

8-9-TRACK

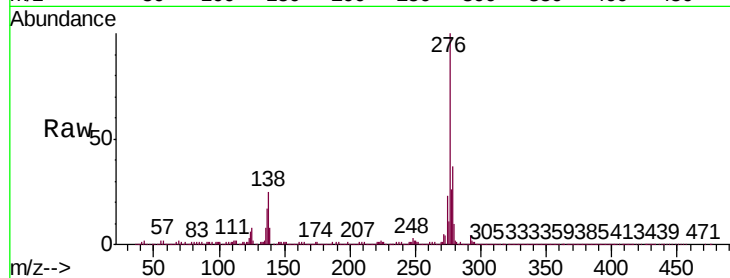
Tgt Ion:278 Resp: 726700

Ion Ratio Lower Upper

278 100

139 20.9 14.9 22.3

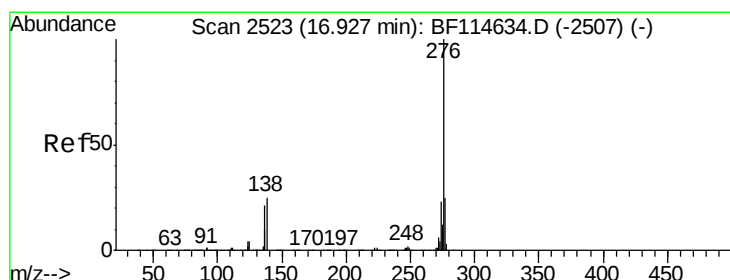
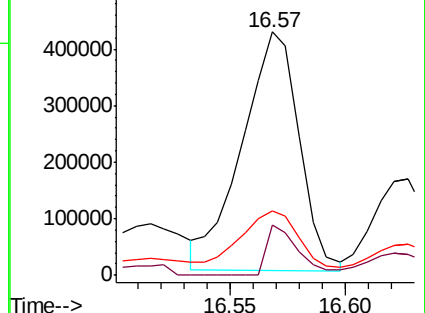
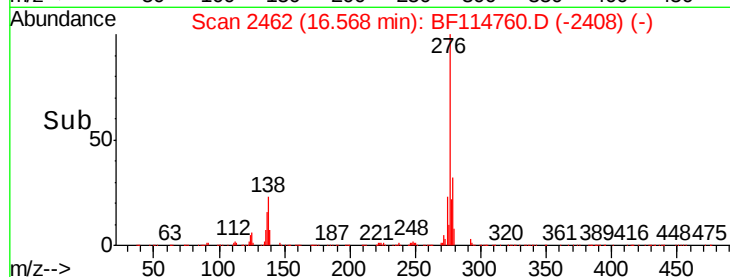
279 26.3 19.5 29.3



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 56.665 ng

RT: 16.97 min Scan# 2530

Delta R.T. 0.04 min

Lab File: BF114760.D

Acq: 1 Jun 2019 16:39

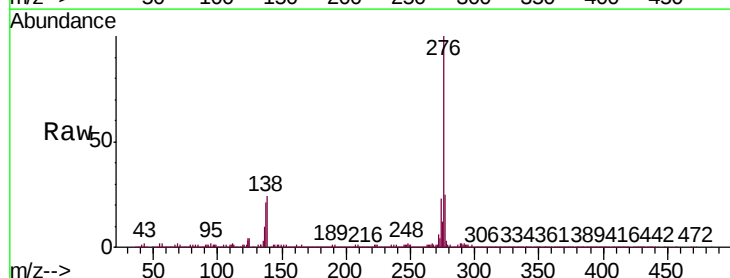
Tgt Ion:276 Resp: 2409842

Ion Ratio Lower Upper

276 100

277 24.8 19.7 29.5

138 24.1 19.8 29.8



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

