

Data File : BF114759.D
Acq On : 1 Jun 2019 16:12
Operator : HP/JU
Sample : K3097-22
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
0442-PR-5(PASSAIC)

Quant Time: Jun 03 01:41:03 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	362918	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	1267573	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	555362	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	1011843	20.00	ng	0.00
76) Chrysene-d12	13.82	240	938889	20.00	ng	0.00
87) Perylene-d12	15.20	264	937758	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	1774240	85.83	ng	0.00
7) Phenol-d6	6.33	99	2108847	84.66	ng	0.00
23) Nitrobenzene-d5	7.25	82	1260154	62.02	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	479624	90.64	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	1967281	62.26	ng	0.00
79) Terphenyl-d14	12.77	244	2046245	40.98	ng	0.00

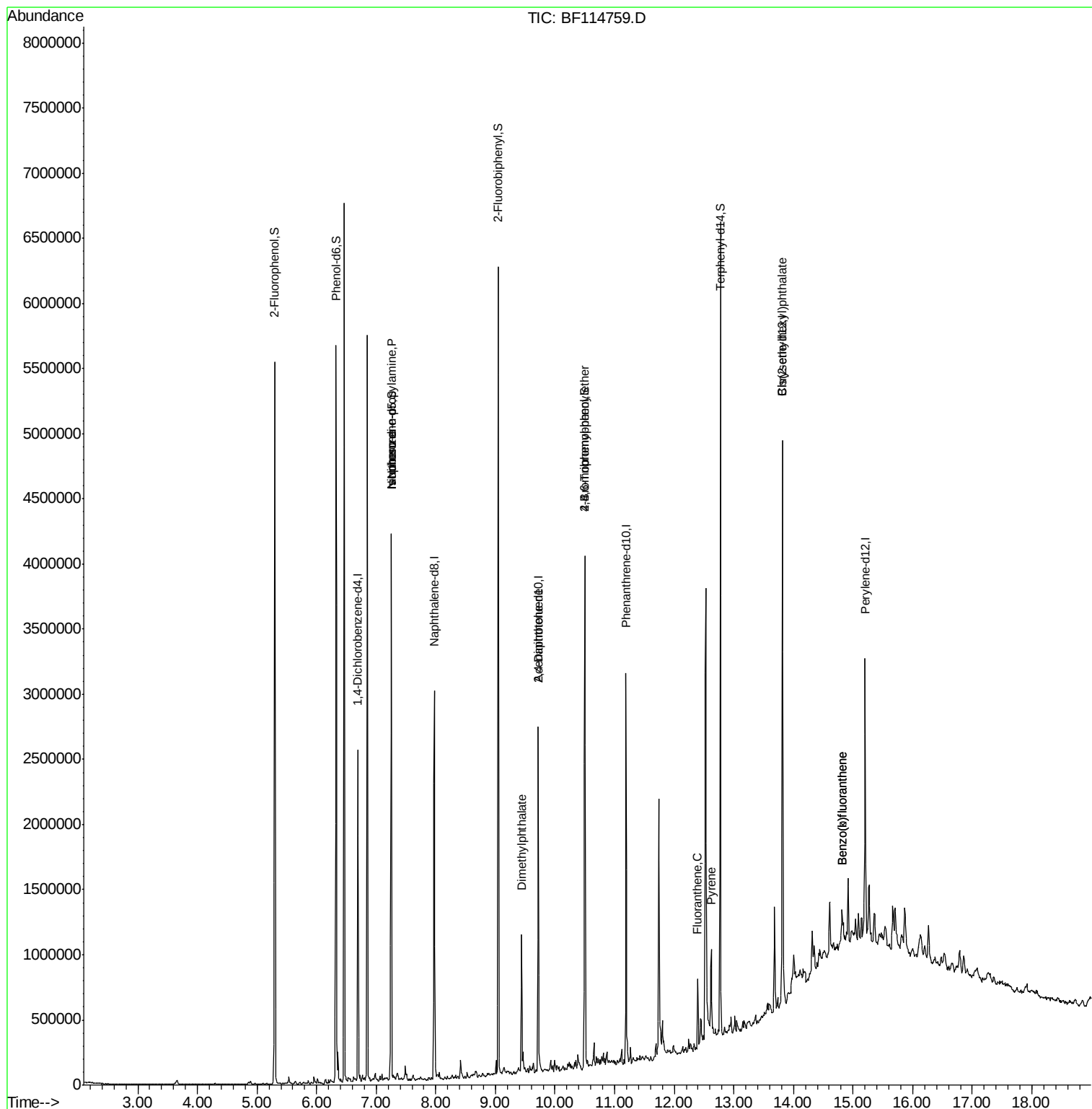
Target Compounds				Qvalue		
9) Benzaldehyde	6.23	77	1630	Below Cal	#	64
19) n-Nitroso-di-n-propylamine	7.25	70	170297	9.905 ng	#	76
25) Isophorone	7.25	82	1230168	30.170 ng	#	63
50) Dimethylphthalate	9.44	163	372483	9.625 ng		99
57) 2,4-Dinitrotoluene	9.72	165	73758	6.391 ng	#	24
58) Fluorene	10.26	166	10585	Below Cal	#	98
61) 4-Chlorophenyl-phenylether	10.26	204	240	Below Cal	#	1
67) 4-Bromophenyl-phenylether	10.50	248	30626	2.822 ng	#	1
69) Atrazine	10.92	200	149	Below Cal	#	1
74) Di-n-butylphthalate	11.76	149	12078	Below Cal	#	71
75) Fluoranthene	12.40	202	225937	4.227 ng		94
78) Pyrene	12.62	202	248640	3.131 ng		95
84) Bis(2-ethylhexyl)phthalate	13.82	149	545605	11.057 ng		99
88) Benzo(b)fluoranthene	14.81	252	164959	2.793 ng	#	91
89) Benzo(k)fluoranthene	14.81	252	164959	3.213 ng	#	91

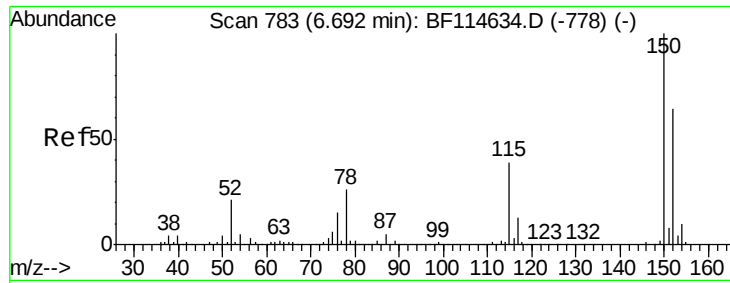
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : BF114759.D
Acq On : 1 Jun 2019 16:12
Operator : HP/JU
Sample : K3097-22
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
0442-PR-5(PASSAIC)

Quant Time: Jun 03 01:41:03 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

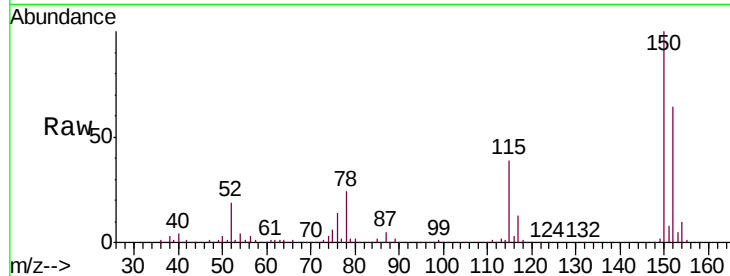




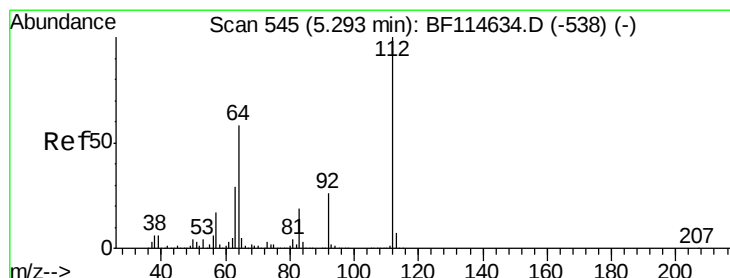
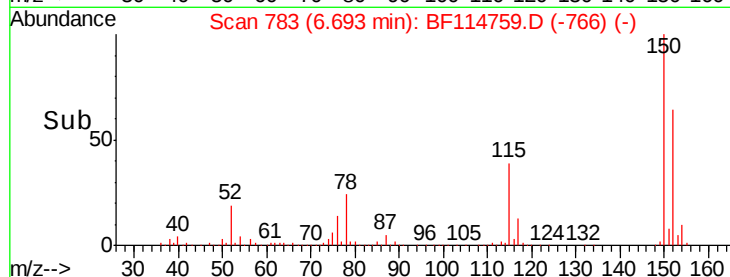
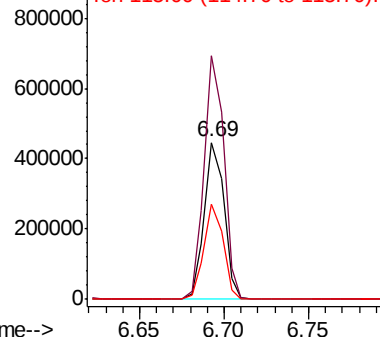
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.69 min Scan# 783
 Delta R.T. 0.00 min
 Lab File: BF114759.D
 Acq: 1 Jun 2019 16:12

Instrument :
 BNA_F
 ClientSampleId :
 0442-PR-5(PASSAIC)

Tgt Ion:152 Resp: 362918
 Ion Ratio Lower Upper
 152 100
 150 155.4 124.4 186.6
 115 60.8 48.7 73.1

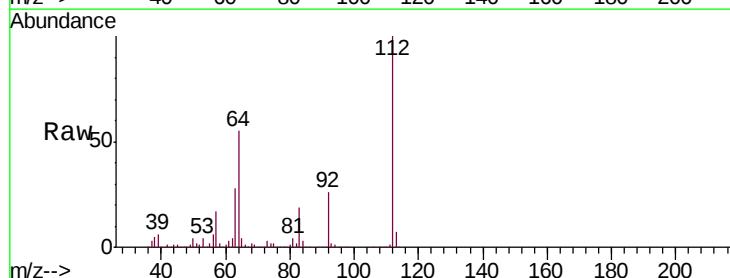


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

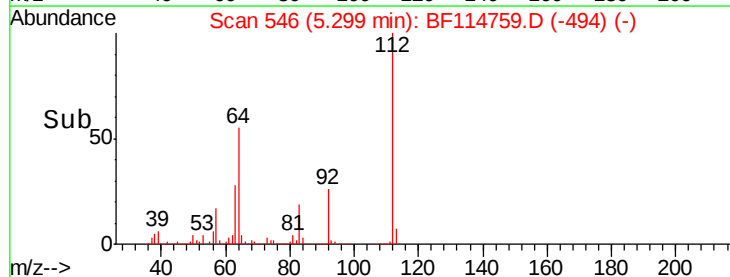
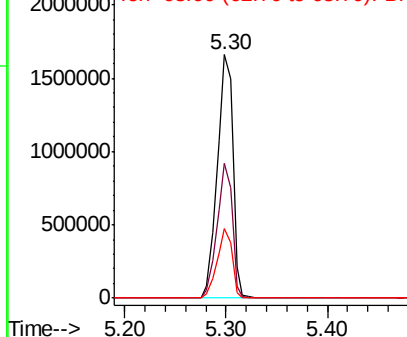


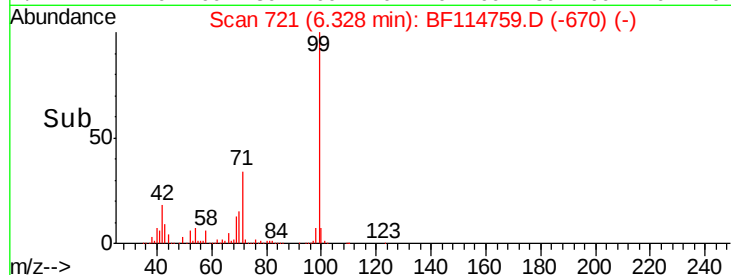
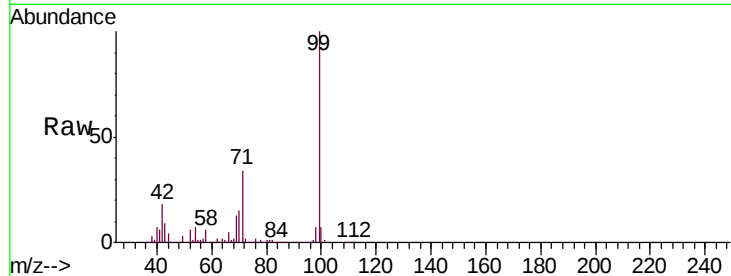
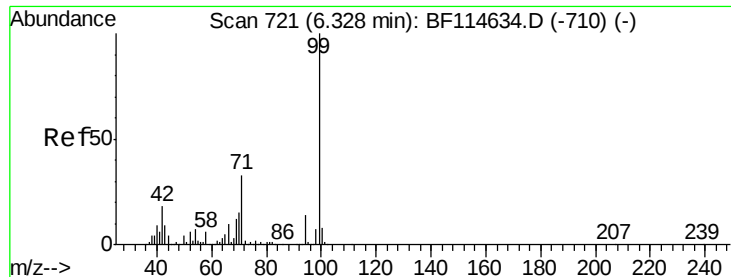
#5
 2-Fluorophenol
 Concen: 85.833 ng
 RT: 5.30 min Scan# 546
 Delta R.T. 0.01 min
 Lab File: BF114759.D
 Acq: 1 Jun 2019 16:12

Tgt Ion:112 Resp: 1774240
 Ion Ratio Lower Upper
 112 100
 64 55.2 46.1 69.1
 63 28.5 23.4 35.2



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: 84.662 ng

RT: 6.33 min Scan# 721

Delta R.T. 0.00 min

Lab File: BF114759.D

Acq: 1 Jun 2019 16:12

Instrument :

BNA_F

ClientSampleId :

0442-PR-5(PASSAIC)

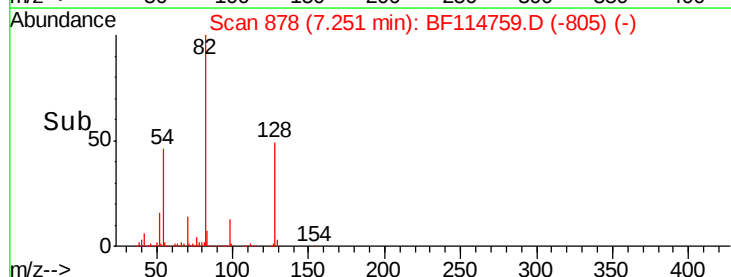
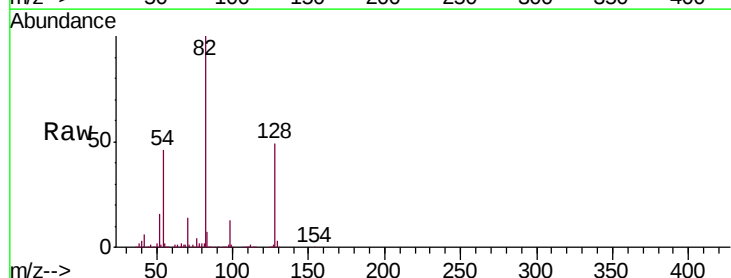
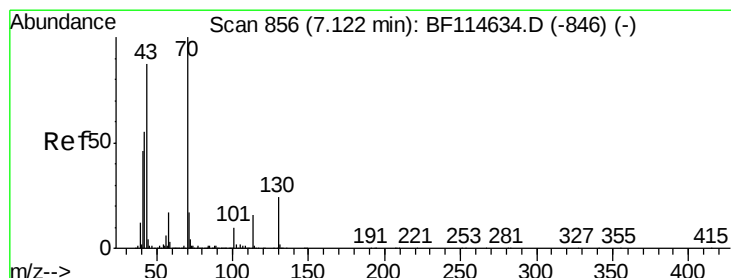
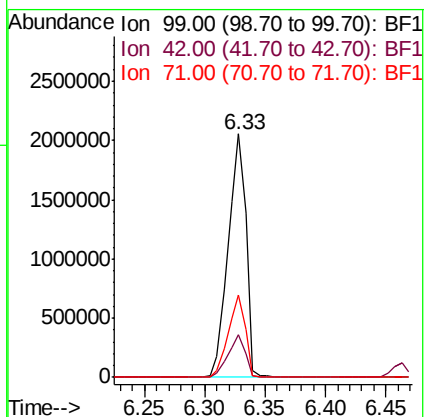
Tgt Ion: 99 Resp: 2108847

Ion Ratio Lower Upper

99 100

42 17.6 14.7 22.1

71 33.8 26.6 40.0



#19

n-Nitroso-di-n-propylamine

Concen: 9.905 ng

RT: 7.25 min Scan# 878

Delta R.T. 0.13 min

Lab File: BF114759.D

Acq: 1 Jun 2019 16:12

Tgt Ion: 70 Resp: 170297

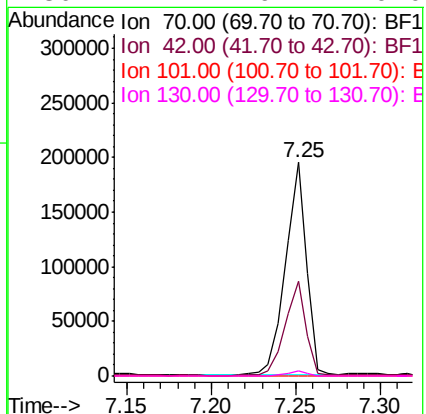
Ion Ratio Lower Upper

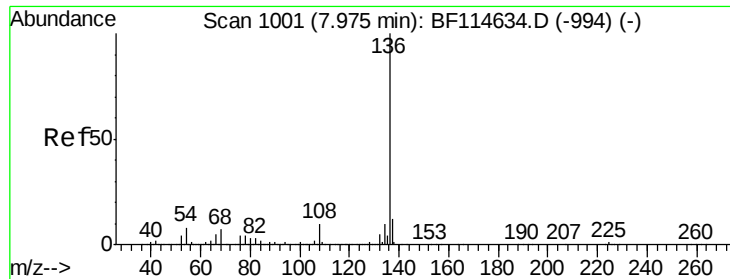
70 100

42 44.6 44.4 66.6

101 0.0 8.2 12.4#

130 2.4 19.4 29.0#

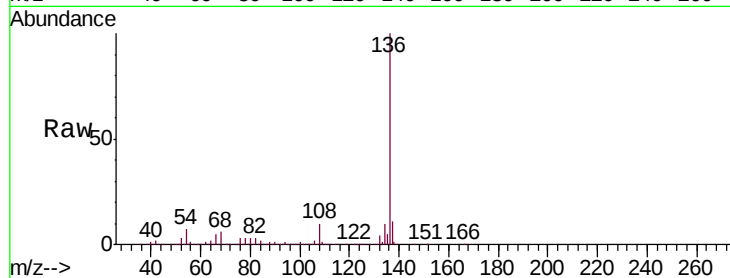




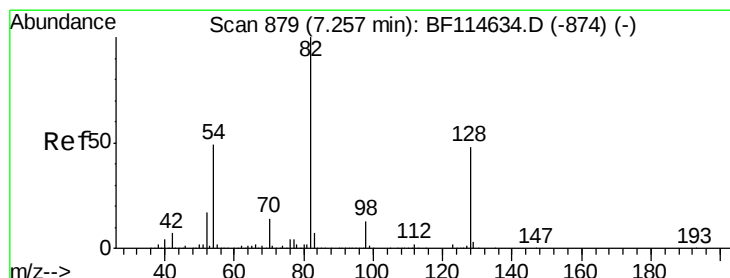
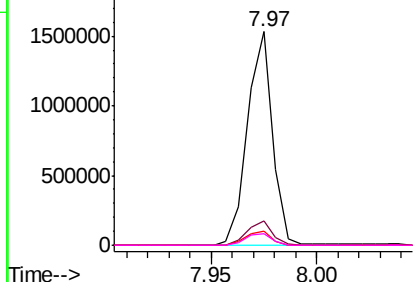
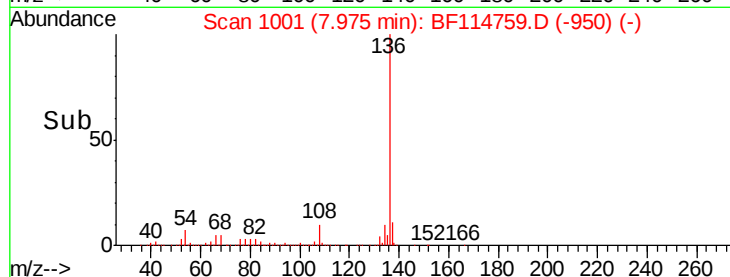
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. 0.00 min
Lab File: BF114759.D
Acq: 1 Jun 2019 16:12

Instrument :
BNA_F
ClientSampleId :
0442-PR-5(PASSAIC)

Tgt Ion:	136	Resp:	1267573
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.3	13.9
54	6.5	6.3	9.5
68	5.5	5.4	8.0

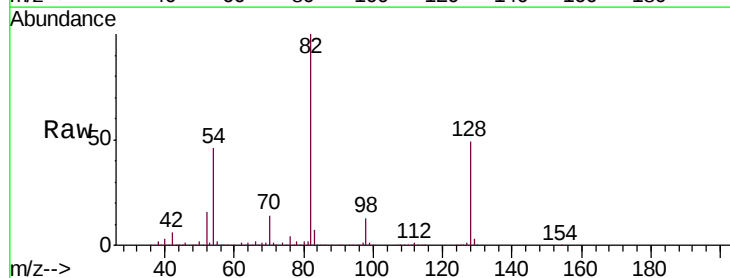


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

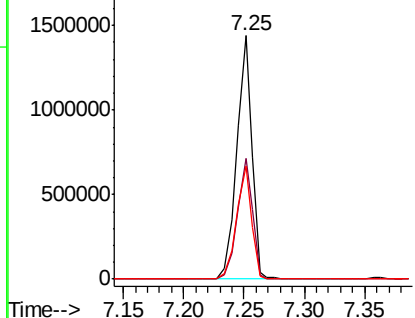
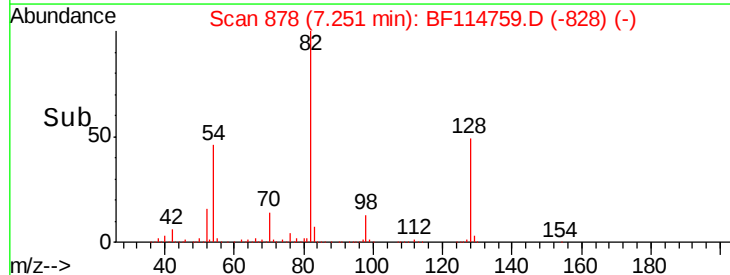


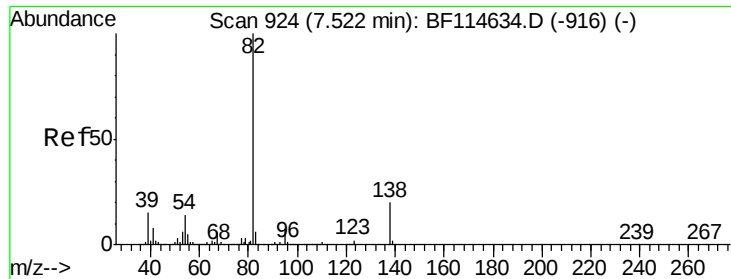
#23
Nitrobenzene-d5
Concen: 62.024 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF114759.D
Acq: 1 Jun 2019 16:12

Tgt Ion:	82	Resp:	1260154
Ion	Ratio	Lower	Upper
82	100		
128	49.5	38.5	57.7
54	46.4	39.1	58.7



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





#25

Isophorone

Concen: 30.170 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.27 min

Lab File: BF114759.D

Acq: 1 Jun 2019 16:12

Instrument :

BNA_F

ClientSampleId :

0442-PR-5(PASSAIC)

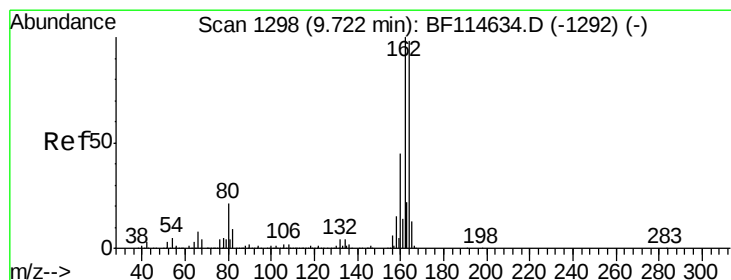
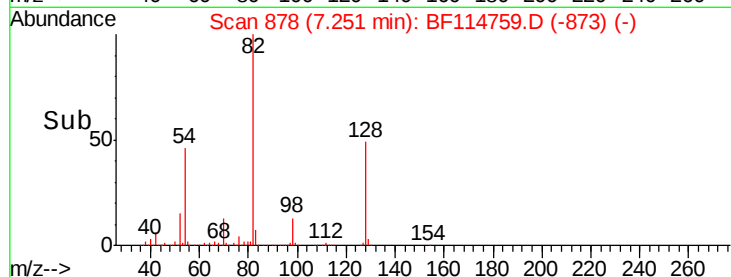
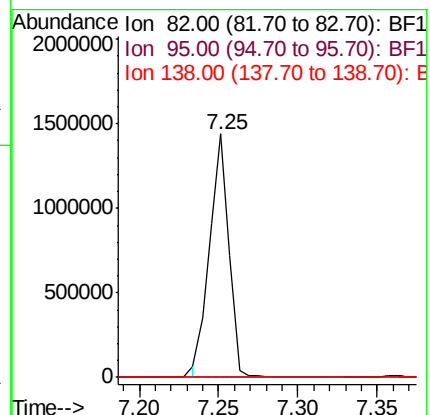
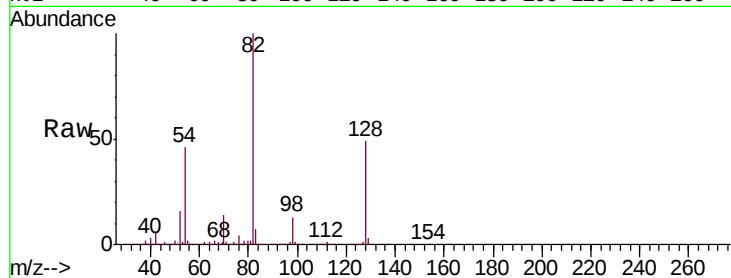
Tgt Ion: 82 Resp: 1230168

Ion Ratio Lower Upper

82 100

95 0.1 5.6 8.4#

138 0.0 15.9 23.9#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BF114759.D

Acq: 1 Jun 2019 16:12

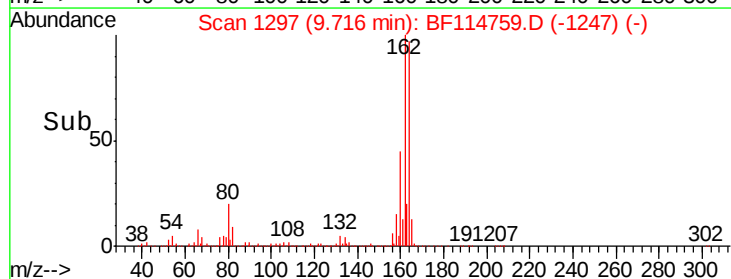
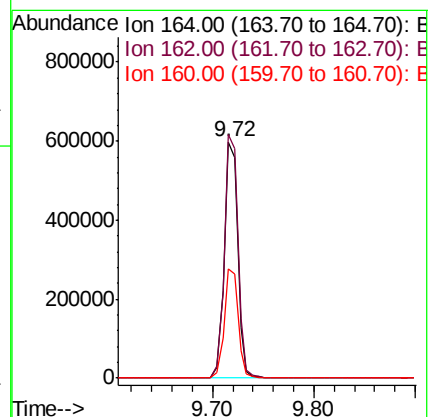
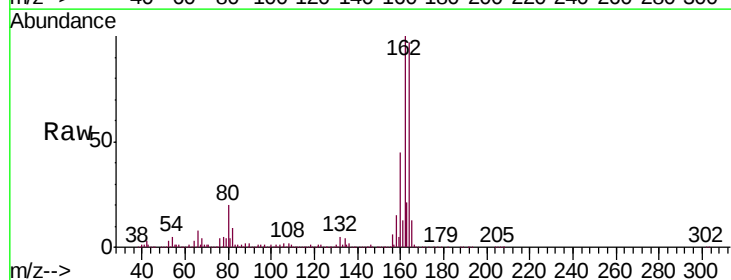
Tgt Ion: 164 Resp: 555362

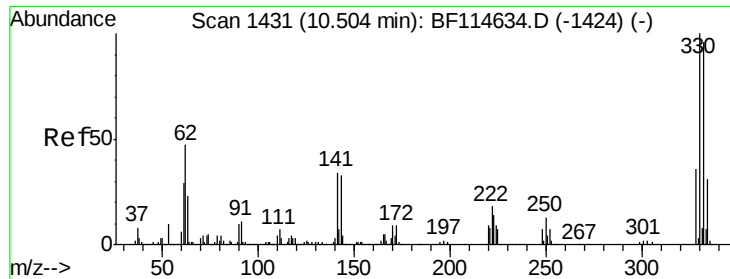
Ion Ratio Lower Upper

164 100

162 103.0 81.4 122.2

160 46.0 36.6 54.8

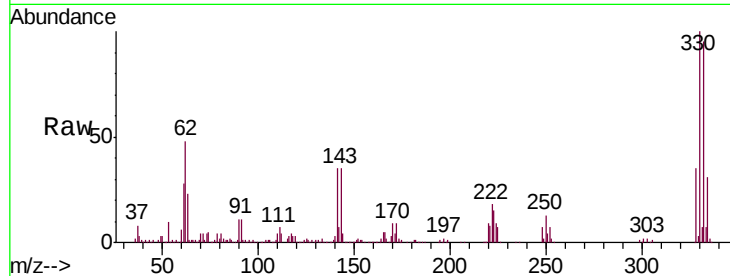




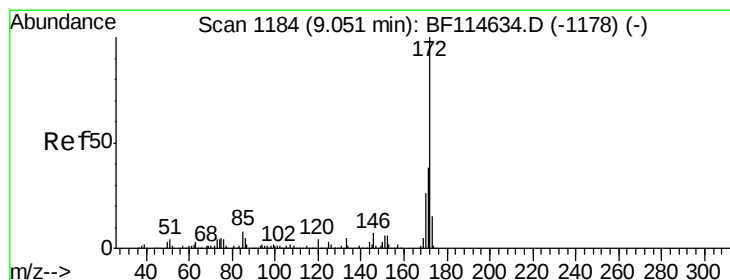
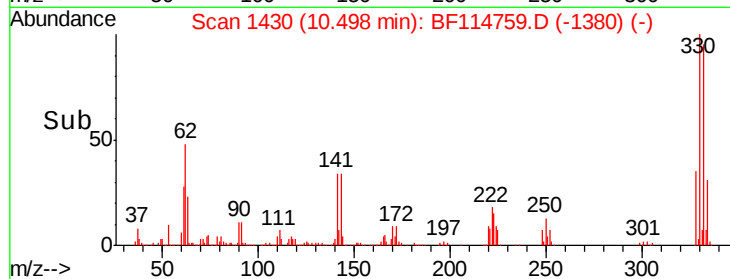
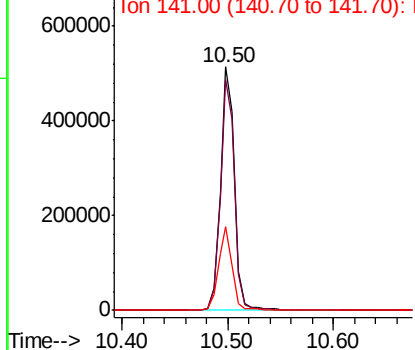
#42
 2,4,6-Tribromophenol
 Concen: 90.637 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.01 min
 Lab File: BF114759.D
 Acq: 1 Jun 2019 16:12

Instrument :
 BNA_F
 ClientSampleId :
 0442-PR-5(PASSAIC)

Tgt Ion:330 Resp: 479624
 Ion Ratio Lower Upper
 330 100
 332 95.9 75.8 113.8
 141 33.0 27.8 41.8

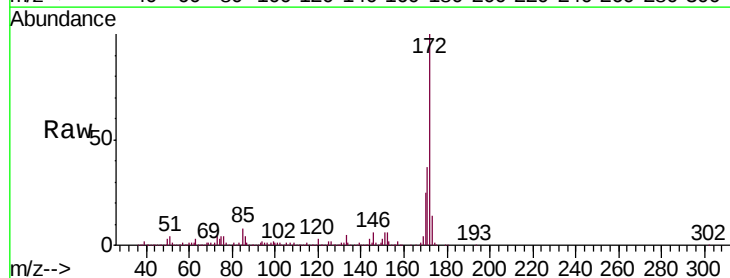


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

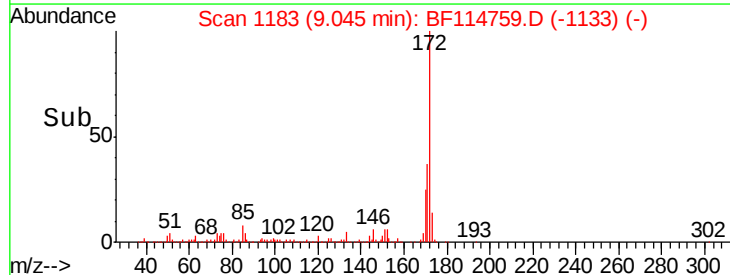
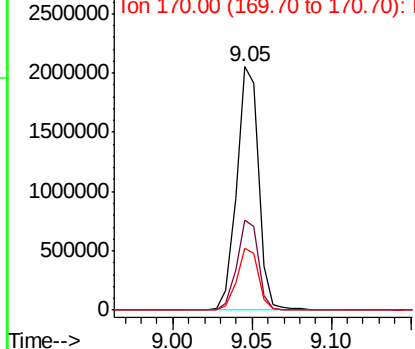


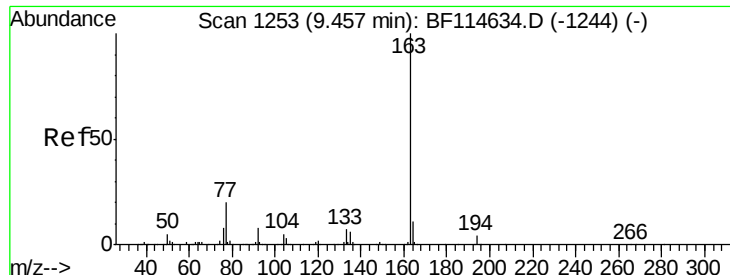
#45
 2-Fluorobiphenyl
 Concen: 62.262 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF114759.D
 Acq: 1 Jun 2019 16:12

Tgt Ion:172 Resp: 1967281
 Ion Ratio Lower Upper
 172 100
 171 37.0 30.6 45.8
 170 25.2 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

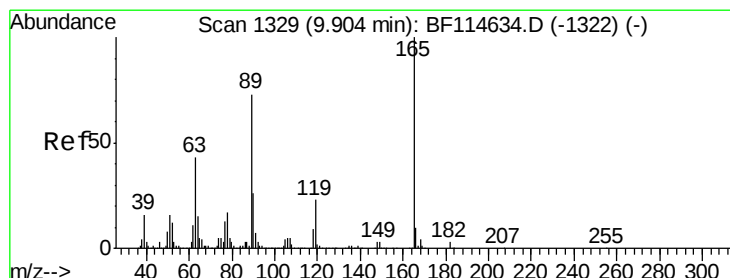
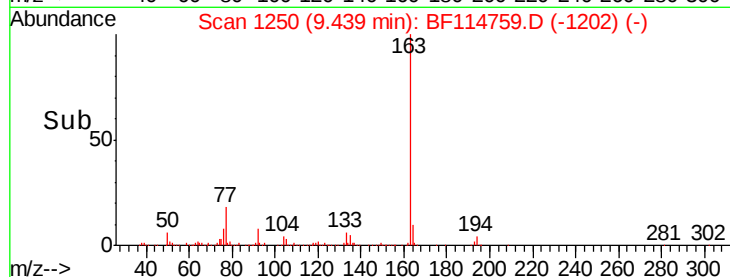
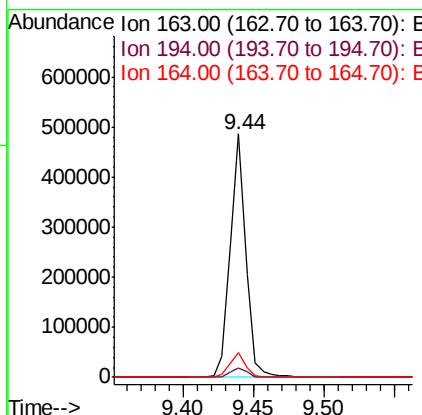
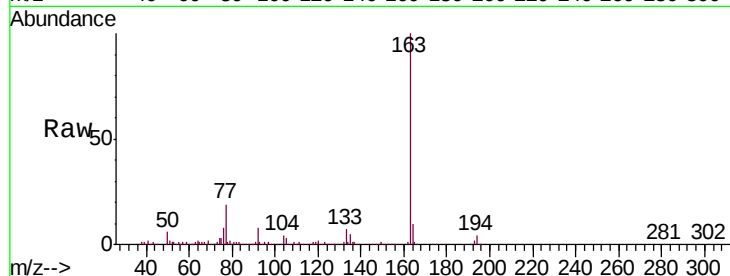




#50
Dimethylphthalate
Concen: 9.625 ng
RT: 9.44 min Scan# 1250
Delta R.T. -0.02 min
Lab File: BF114759.D
Acq: 1 Jun 2019 16:12

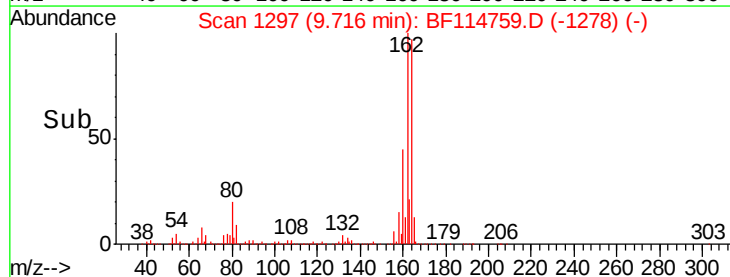
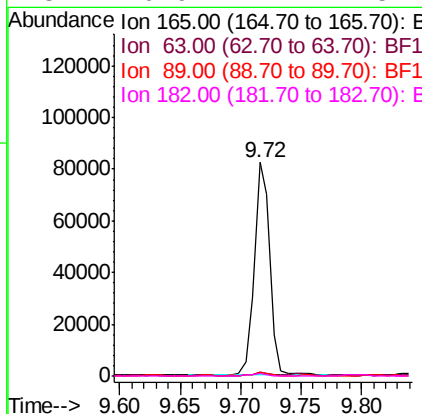
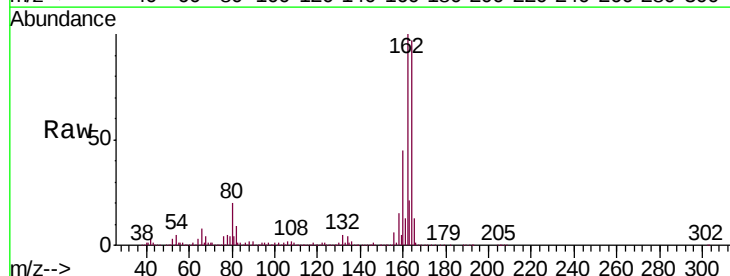
Instrument :
BNA_F
ClientSampleId :
0442-PR-5(PASSAIC)

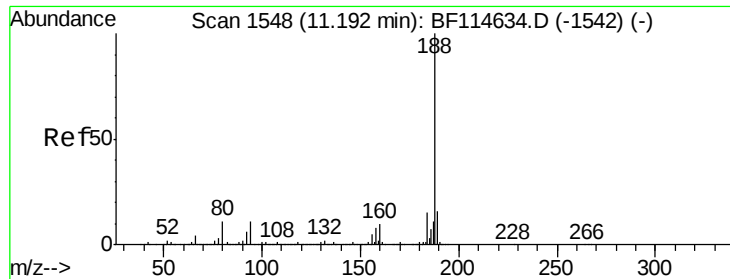
Tgt Ion:163 Resp: 372483
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.0
164 10.4 8.6 13.0



#57
2,4-Dinitrotoluene
Concen: 6.391 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.19 min
Lab File: BF114759.D
Acq: 1 Jun 2019 16:12

Tgt Ion:165 Resp: 73758
Ion Ratio Lower Upper
165 100
63 1.5 34.8 52.2#
89 1.7 58.5 87.7#
182 0.9 2.2 3.2#

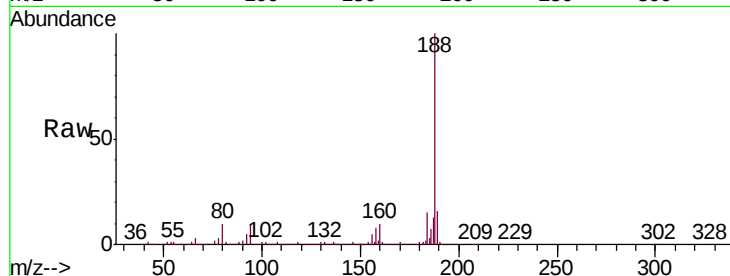




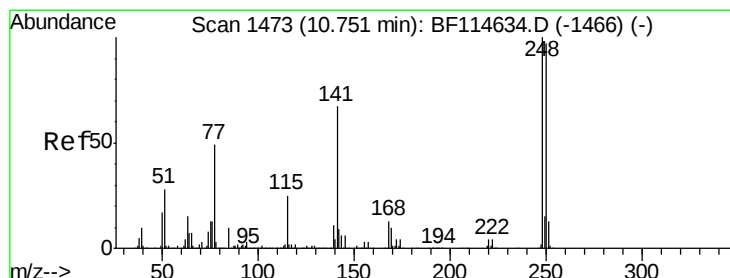
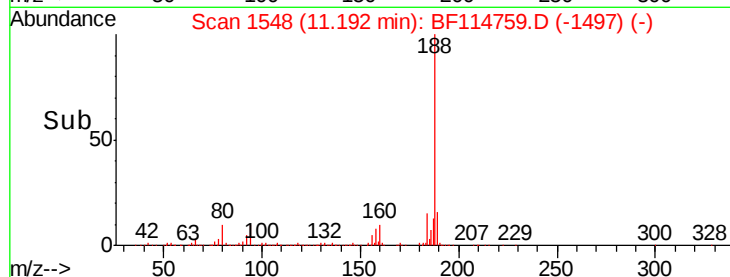
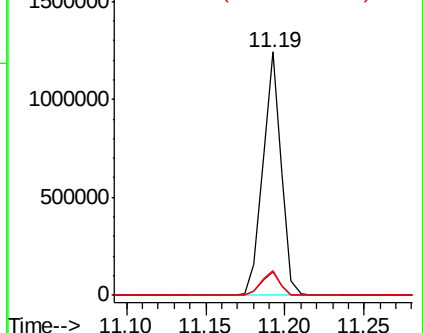
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1548
Delta R.T. 0.00 min
Lab File: BF114759.D
Acq: 1 Jun 2019 16:12

Instrument :
BNA_F
ClientSampleId :
0442-PR-5(PASSAIC)

Tgt Ion:188 Resp: 1011843
Ion Ratio Lower Upper
188 100
94 9.7 8.6 13.0
80 10.2 9.0 13.6

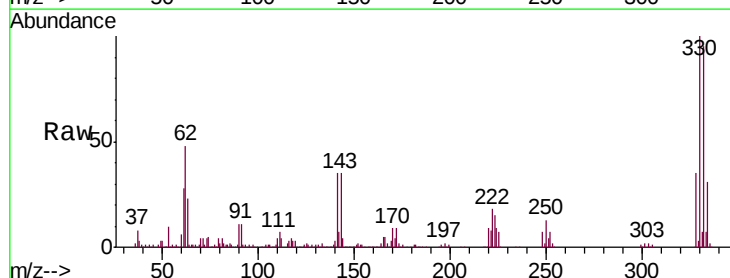


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

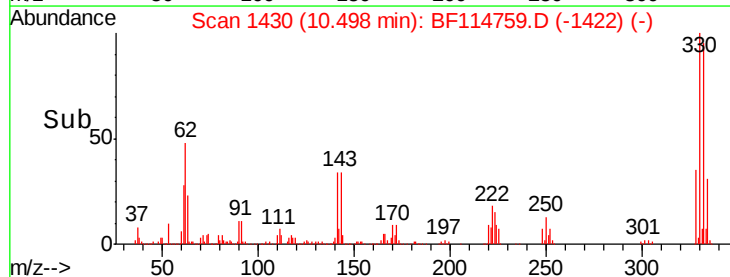
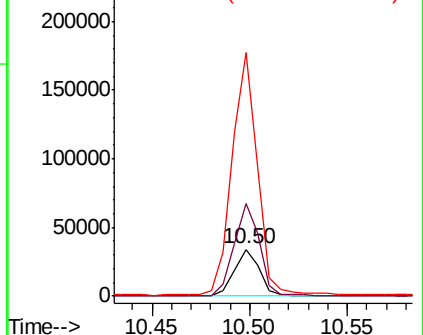


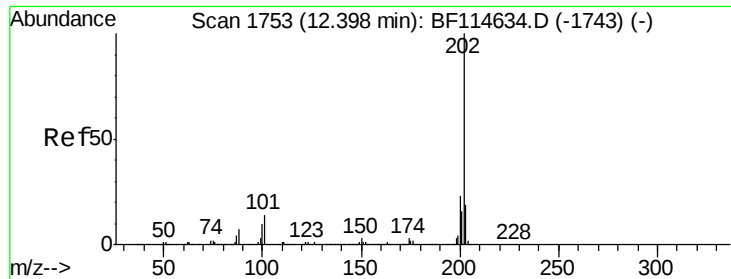
#67
4-Bromophenyl-phenylether
Concen: 2.822 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.25 min
Lab File: BF114759.D
Acq: 1 Jun 2019 16:12

Tgt Ion:248 Resp: 30626
Ion Ratio Lower Upper
248 100
250 196.7 78.0 117.0#
141 518.0 53.8 80.8#



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





#75

Fluoranthene

Concen: 4.227 ng

RT: 12.40 min Scan# 1753

Delta R.T. 0.00 min

Lab File: BF114759.D

Acq: 1 Jun 2019 16:12

Instrument :

BNA_F

ClientSampleId :

0442-PR-5(PASSAIC)

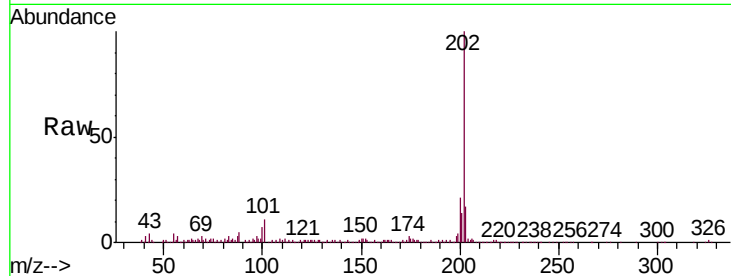
Tgt Ion:202 Resp: 225937

Ion Ratio Lower Upper

202 100

101 10.7 0.0 33.9

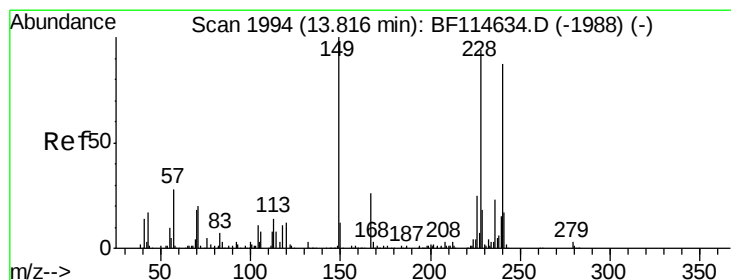
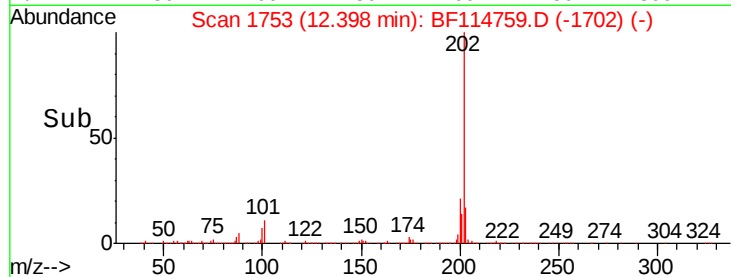
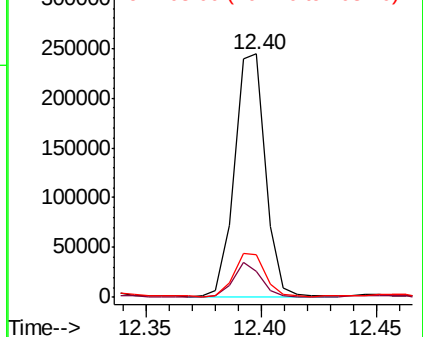
203 17.3 0.0 39.1



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: 13.82 min Scan# 1994

Delta R.T. 0.00 min

Lab File: BF114759.D

Acq: 1 Jun 2019 16:12

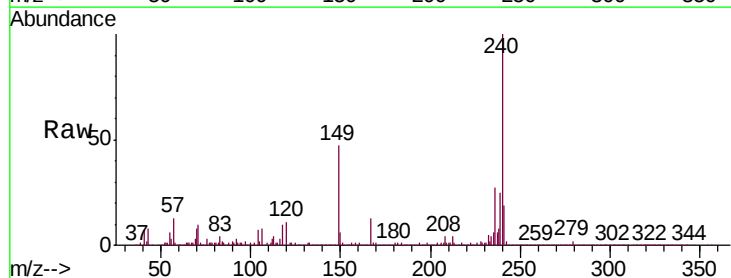
Tgt Ion:240 Resp: 938889

Ion Ratio Lower Upper

240 100

120 11.2 11.2 16.8

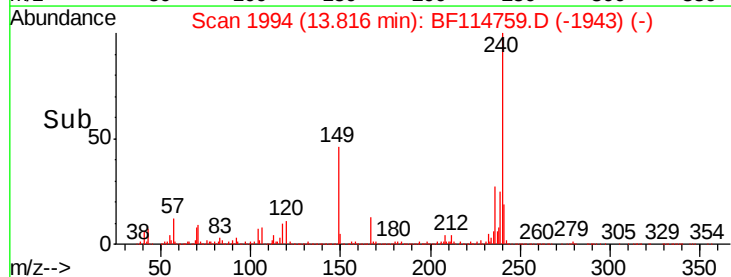
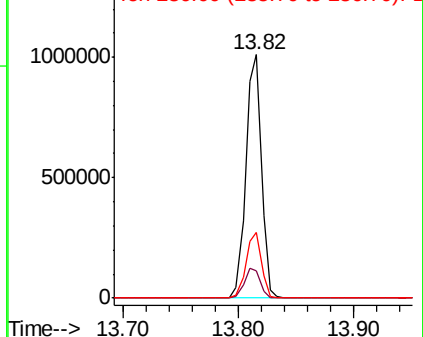
236 27.2 21.2 31.8

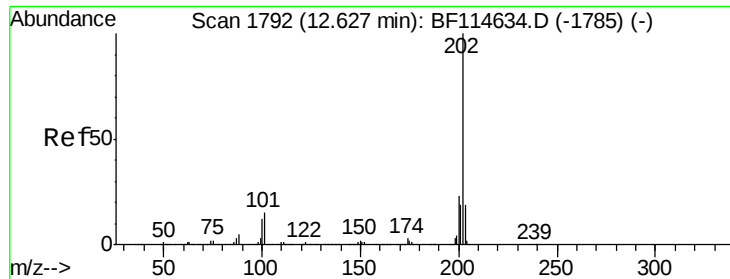


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

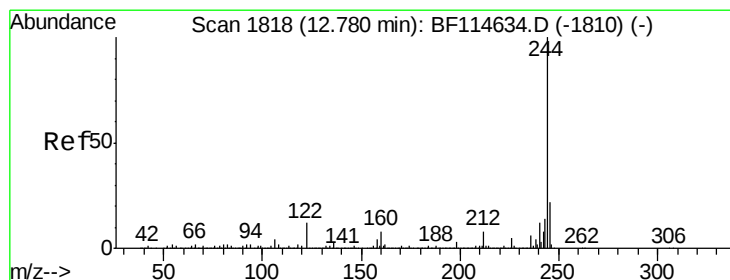
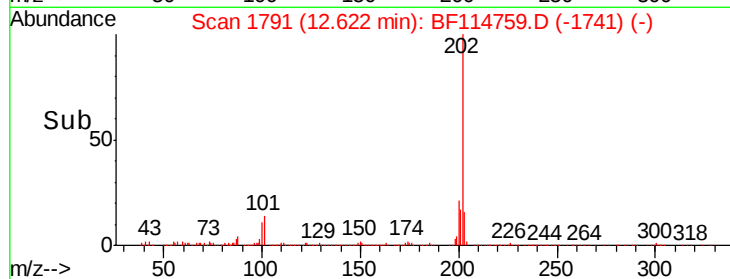
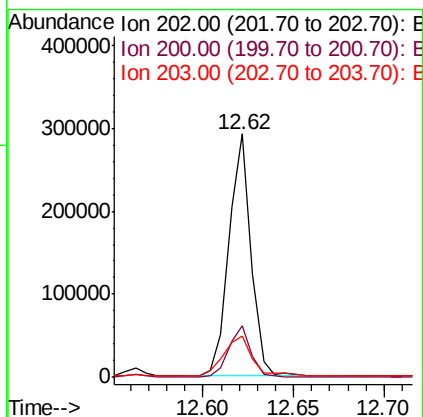
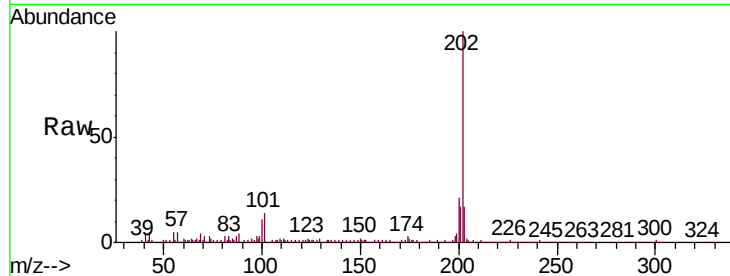




#78
 Pyrene
 Concen: 3.131 ng
 RT: 12.62 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: BF114759.D
 Acq: 1 Jun 2019 16:12

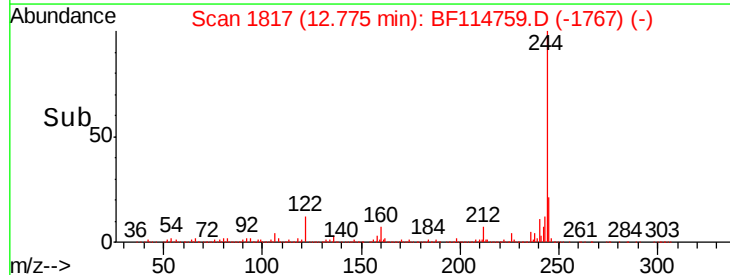
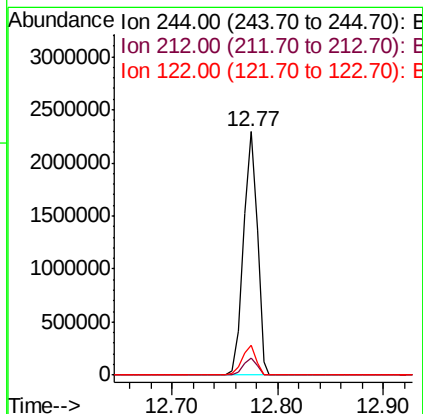
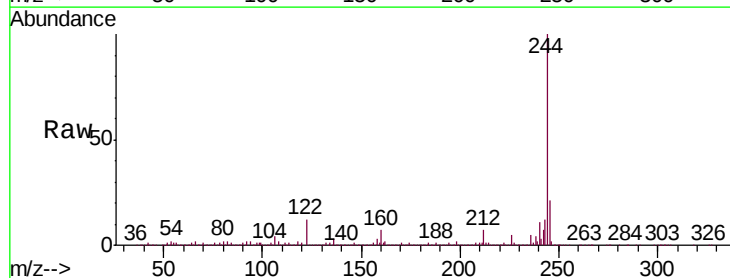
Instrument :
 BNA_F
 ClientSampleId :
 0442-PR-5(PASSAIC)

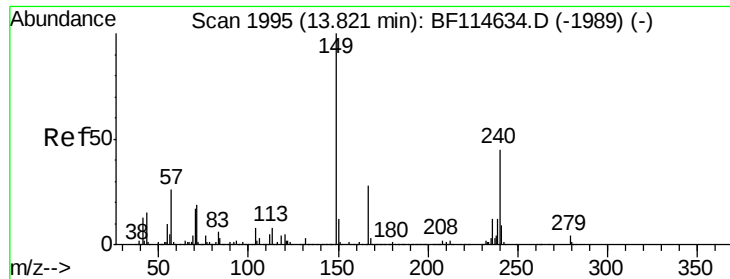
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.3	18.6	28.0
203	17.0	15.4	23.2



#79
 Terphenyl-d14
 Concen: 40.977 ng
 RT: 12.77 min Scan# 1817
 Delta R.T. -0.01 min
 Lab File: BF114759.D
 Acq: 1 Jun 2019 16:12

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.1	9.1
122	12.3	9.8	14.8





#84

Bis(2-ethylhexyl)phthalate

Concen: 11.057 ng

RT: 13.82 min Scan# 1995

Delta R.T. 0.00 min

Lab File: BF114759.D

Acq: 1 Jun 2019 16:12

Instrument :

BNA_F

ClientSampleId :

0442-PR-5(PASSAIC)

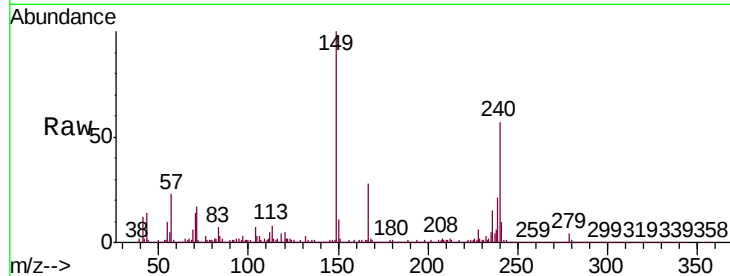
Tgt Ion:149 Resp: 545605

Ion Ratio Lower Upper

149 100

167 27.8 22.6 33.8

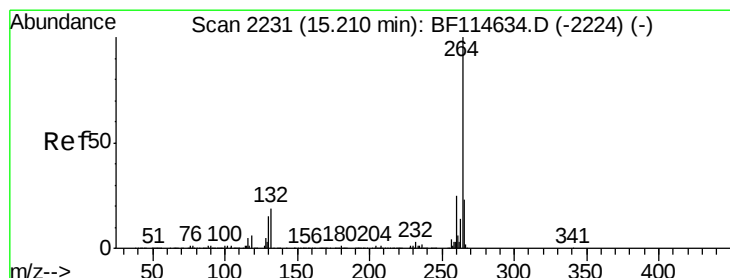
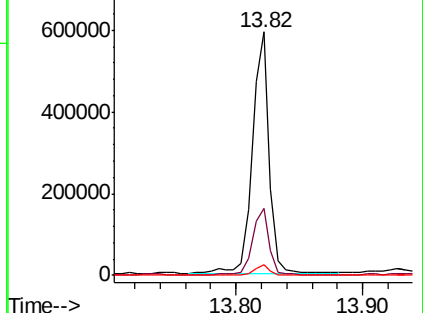
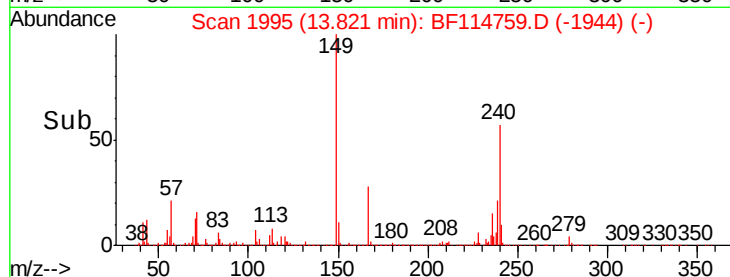
279 4.2 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.20 min Scan# 2230

Delta R.T. -0.01 min

Lab File: BF114759.D

Acq: 1 Jun 2019 16:12

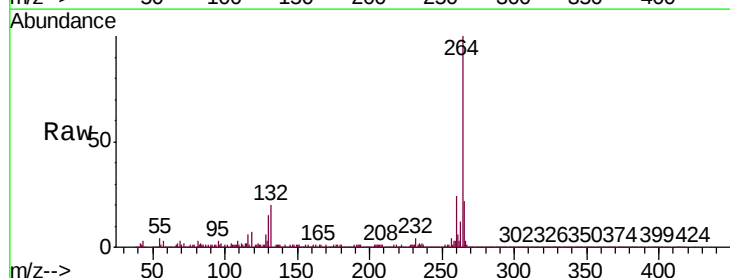
Tgt Ion:264 Resp: 937758

Ion Ratio Lower Upper

264 100

260 24.4 19.7 29.5

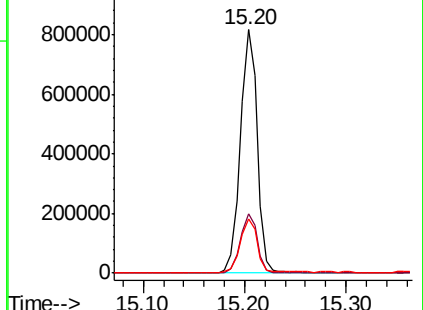
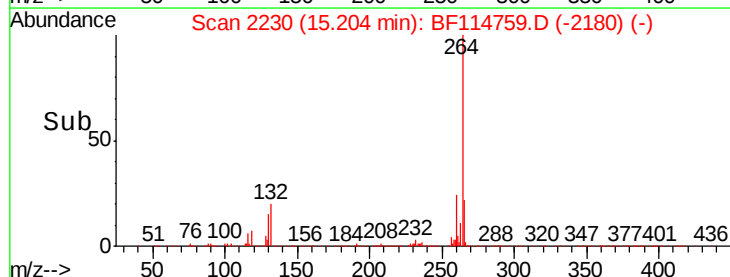
265 22.3 18.1 27.1

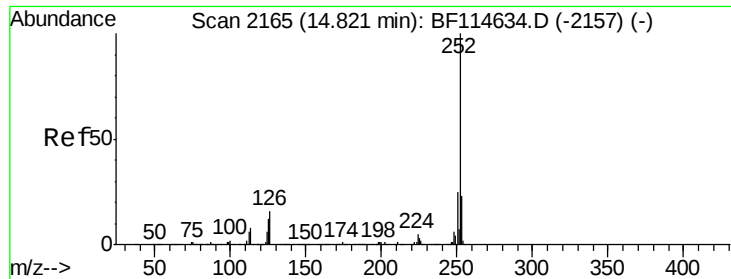


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

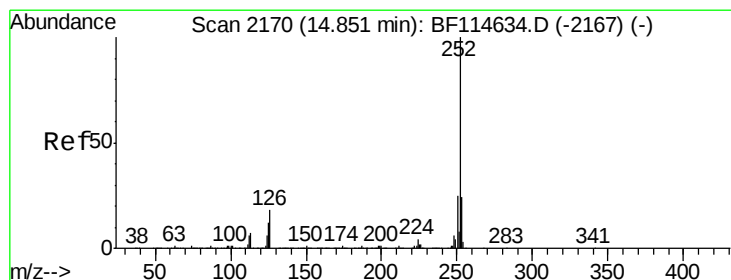
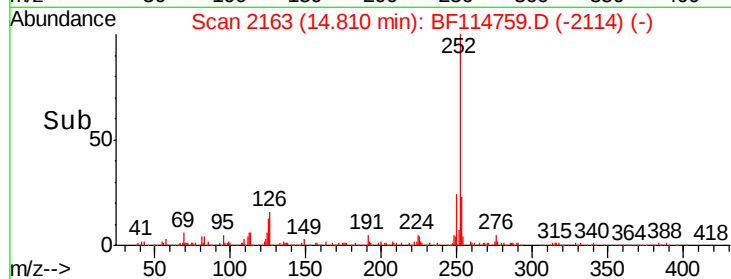
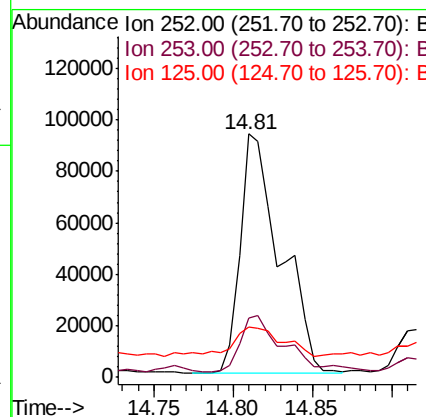
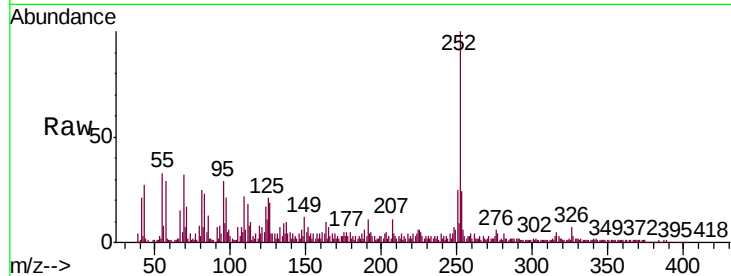




#88
Benzo(b)fluoranthene
Concen: 2.793 ng
RT: 14.81 min Scan# 2163
Delta R.T. -0.01 min
Lab File: BF114759.D
Acq: 1 Jun 2019 16:12

Instrument :
BNA_F
ClientSampleId :
0442-PR-5(PASSAIC)

Tgt Ion:252 Resp: 164959
Ion Ratio Lower Upper
252 100
253 24.5 18.7 28.1
125 20.8 9.4 14.2#



#89
Benzo(k)fluoranthene
Concen: 3.213 ng
RT: 14.81 min Scan# 2163
Delta R.T. -0.04 min
Lab File: BF114759.D
Acq: 1 Jun 2019 16:12

Tgt Ion:252 Resp: 164959
Ion Ratio Lower Upper
252 100
253 24.5 18.9 28.3
125 20.8 9.5 14.3#

