

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060519\
 Data File : BF114816.D
 Acq On : 5 Jun 2019 13:05
 Operator : HP/JU
 Sample : K3150-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 06 04:57:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 04 16:57:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	476412	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	1822649	20.00	ng	0.00
39) Acenaphthene-d10	9.69	164	953154	20.00	ng	0.00
64) Phenanthrene-d10	11.16	188	1926859	20.00	ng	0.00
76) Chrysene-d12	13.79	240	1610918	20.00	ng	0.00
87) Perylene-d12	15.18	264	1622647	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.27	112	3151765	115.60	ng	0.01
7) Phenol-d6	6.30	99	3916476	118.05	ng	0.00
23) Nitrobenzene-d5	7.23	82	2446884	82.64	ng	0.00
42) 2,4,6-Tribromophenol	10.47	330	1137816	110.77	ng	0.00
45) 2-Fluorobiphenyl	9.02	172	4100099	80.58	ng	0.00
79) Terphenyl-d14	12.75	244	4770475	57.59	ng	0.00

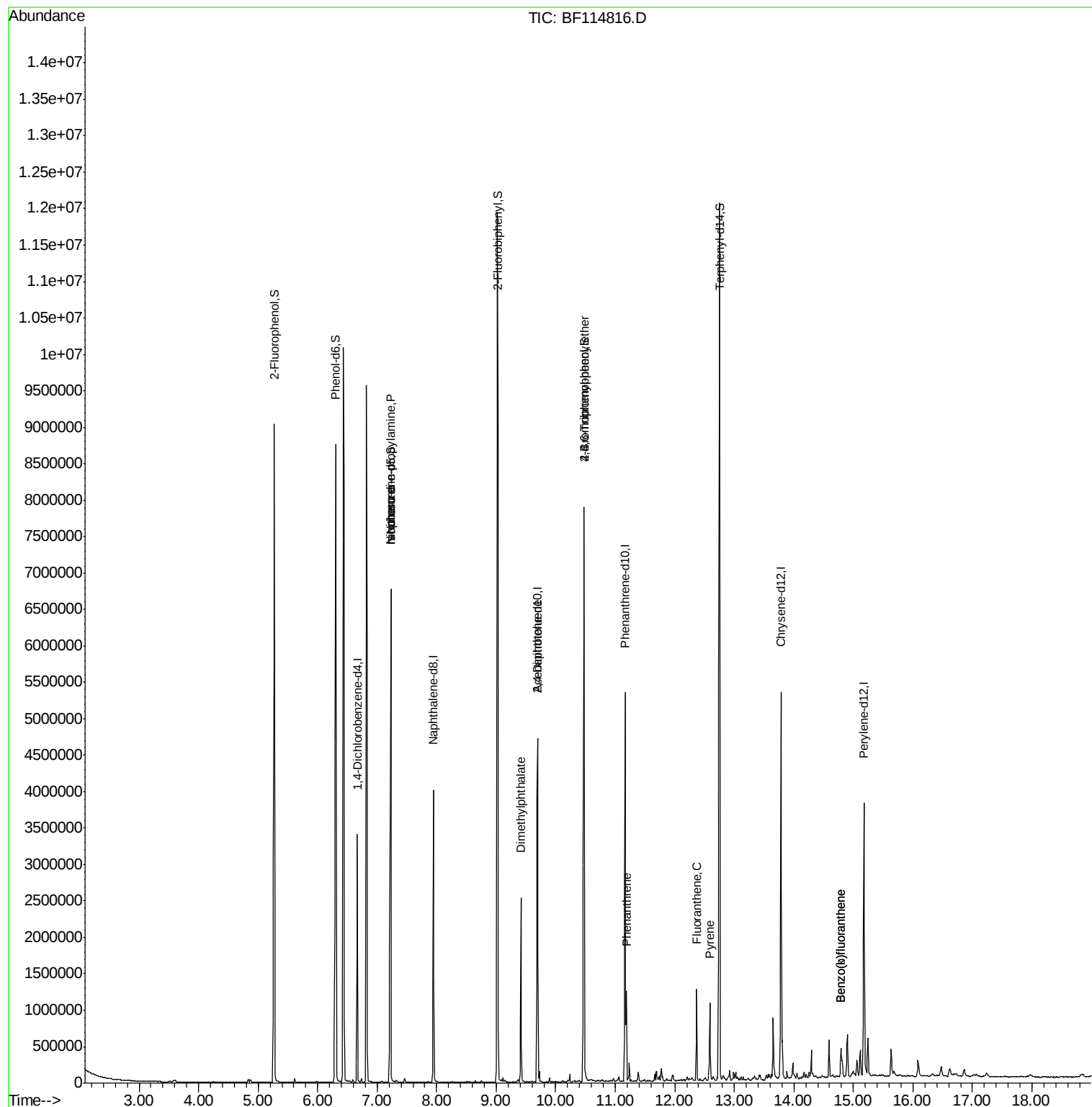
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.23	70	336575	15.326	ng	# 77
25) Isophorone	7.23	82	2378875	40.641	ng	# 61
50) Dimethylphthalate	9.42	163	1086680	15.610	ng	99
57) 2,4-Dinitrotoluene	9.69	165	123132	5.983	ng	# 32
58) Fluorene	10.23	166	29683	Below Cal		96
67) 4-Bromophenyl-phenylether	10.47	248	73234	3.346	ng	# 1
71) Phenanthrene	11.19	178	405160	4.405	ng	95
75) Fluoranthene	12.36	202	494425	5.164	ng	96
78) Pyrene	12.59	202	421111	3.013	ng	96
88) Benzo(b)fluoranthene	14.79	252	282196	2.732	ng	99
89) Benzo(k)fluoranthene	14.79	252	282196	3.217	ng	98

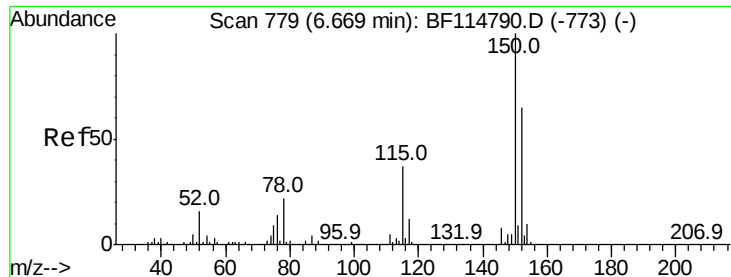
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060519\
Data File : BF114816.D
Acq On : 5 Jun 2019 13:05
Operator : HP/JU
Sample : K3150-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jun 06 04:57:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 04 16:57:15 2019
Response via : Initial Calibration



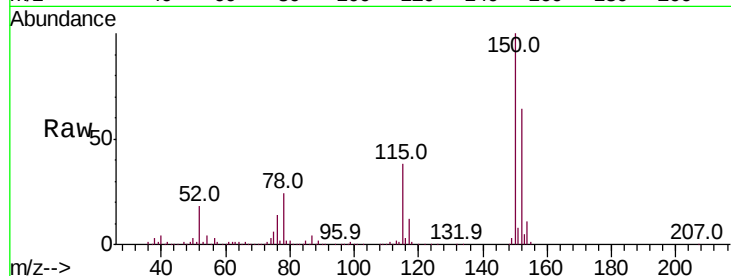


#1

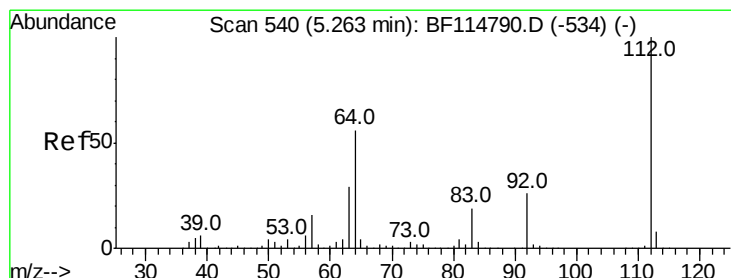
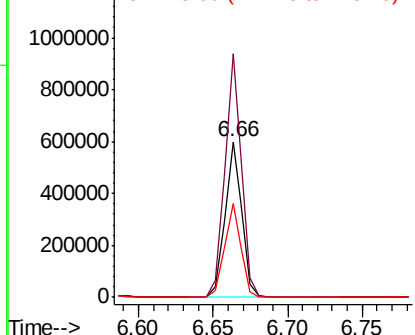
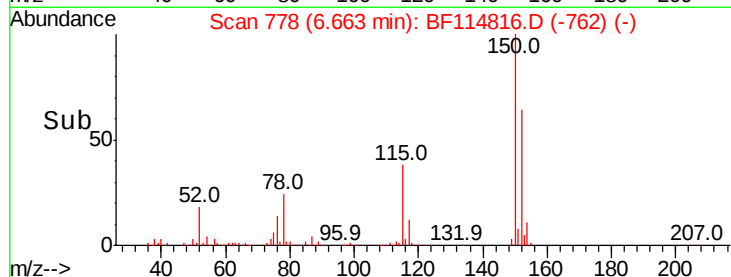
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.66 min Scan# 778
 Delta R.T. -0.01 min
 Lab File: BF114816.D
 Acq: 5 Jun 2019 13:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 476412
 Ion Ratio Lower Upper
 152 100
 150 156.3 124.0 186.0
 115 59.9 46.3 69.5



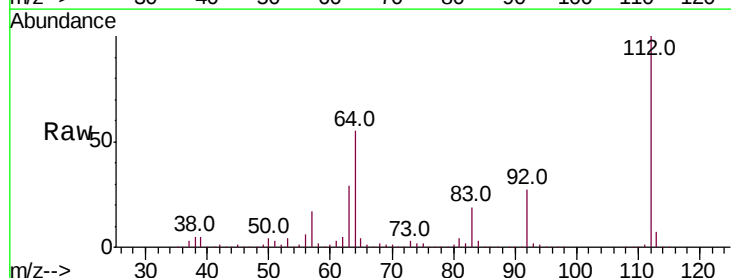
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



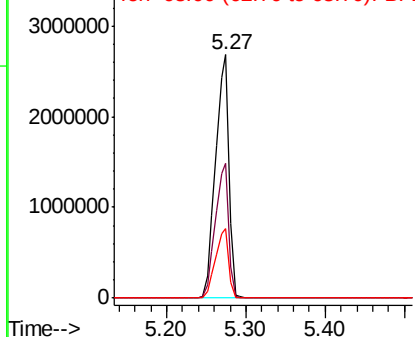
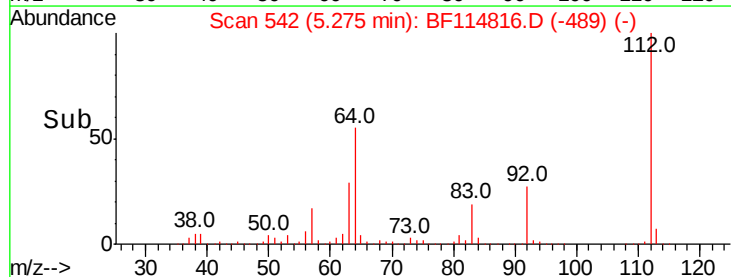
#5

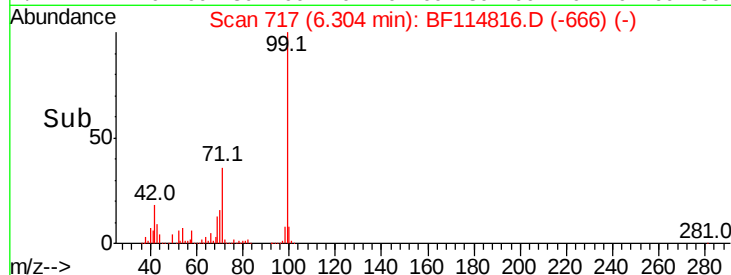
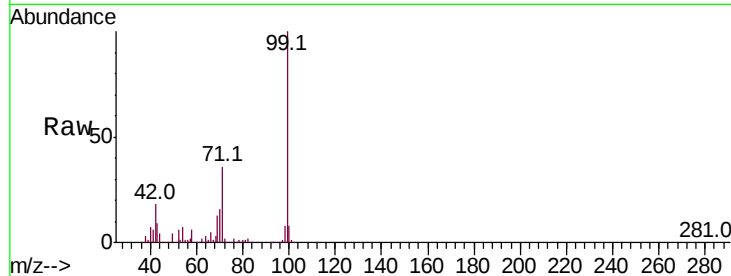
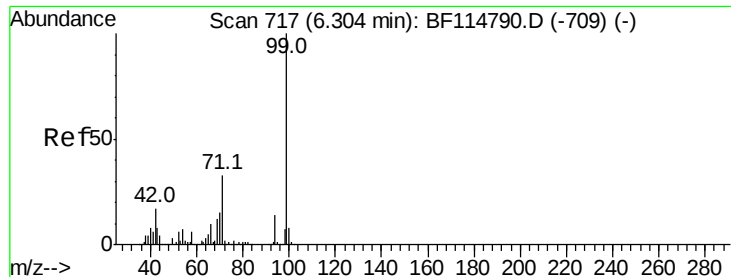
2-Fluorophenol
 Concen: 115.598 ng
 RT: 5.27 min Scan# 542
 Delta R.T. 0.01 min
 Lab File: BF114816.D
 Acq: 5 Jun 2019 13:05

Tgt Ion:112 Resp: 3151765
 Ion Ratio Lower Upper
 112 100
 64 55.2 44.6 66.8
 63 28.6 23.0 34.4



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: 118.052 ng

RT: 6.30 min Scan# 717

Delta R.T. 0.00 min

Lab File: BF114816.D

Acq: 5 Jun 2019 13:05

Instrument :

BNA_F

ClientSampleId :

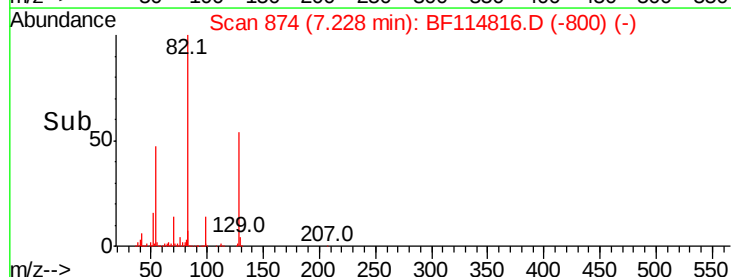
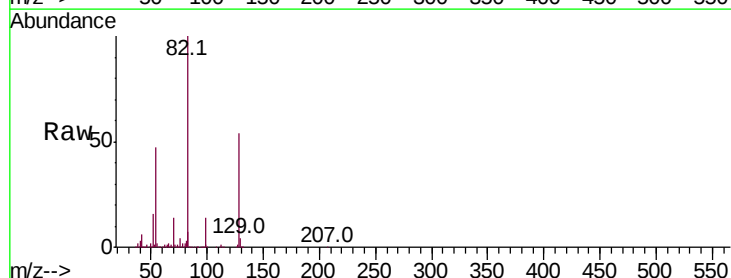
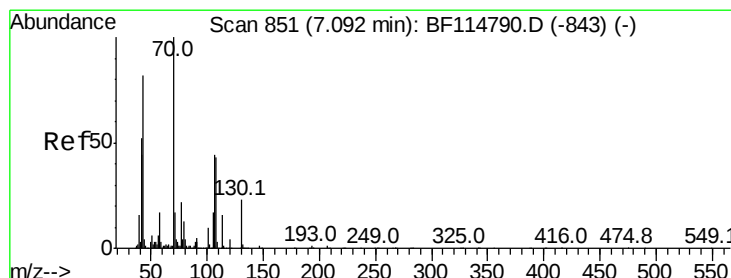
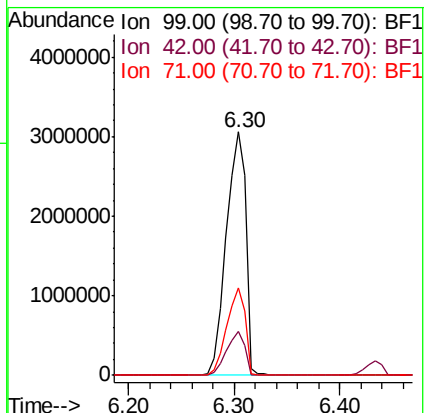
Tot Ion: 99 Resp: 3916476

Ion Ratio Lower Upper

99 100

42 18.3 13.3 19.9

71 36.1 26.3 39.5



#19

n-Nitroso-di-n-propylamine

Concen: 15.326 ng

RT: 7.23 min Scan# 874

Delta R.T. 0.14 min

Lab File: BF114816.D

Acq: 5 Jun 2019 13:05

Tgt Ion: 70 Resp: 336575

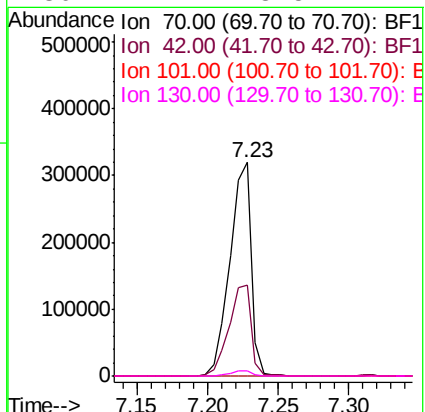
Ion Ratio Lower Upper

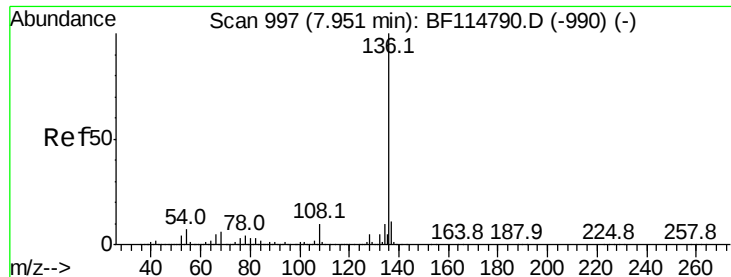
70 100

42 42.4 41.8 62.8

101 0.0 8.2 12.4#

130 2.4 18.5 27.7#

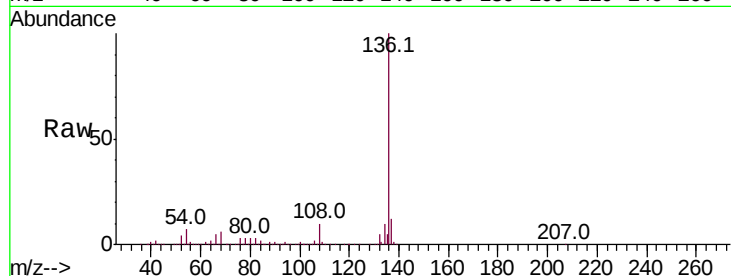




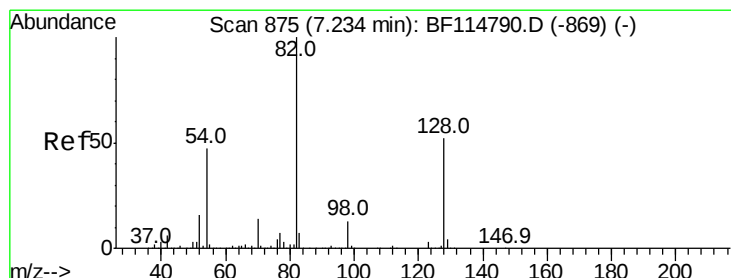
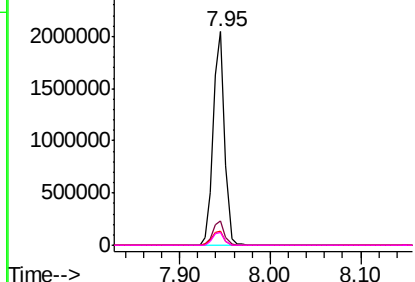
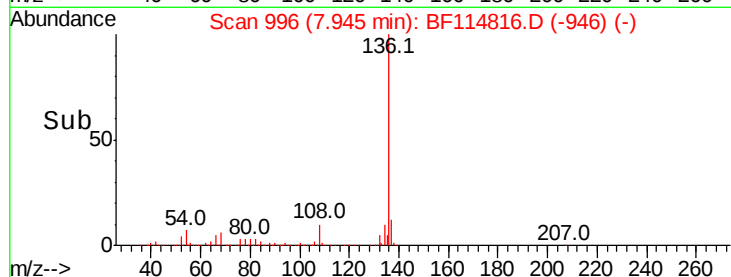
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF114816.D
Acq: 5 Jun 2019 13:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 1822649
Ion Ratio	Lower Upper
136 100	
137 11.6	9.1 13.7
54 6.7	5.4 8.0
68 5.8	4.6 6.8

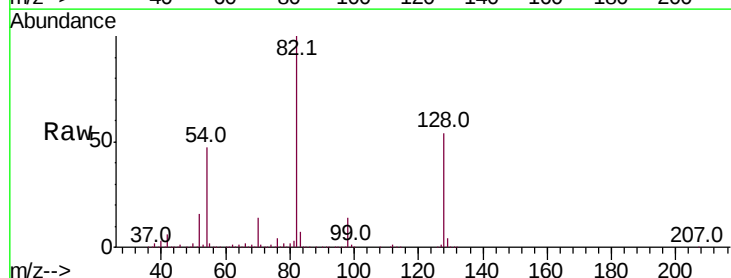


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

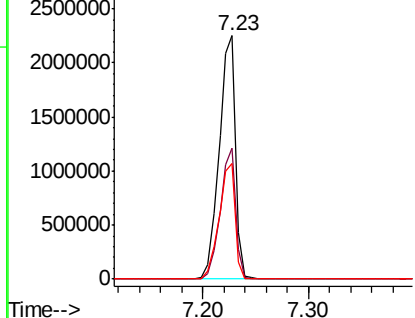
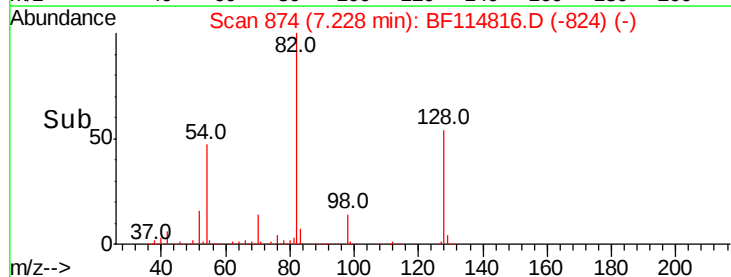


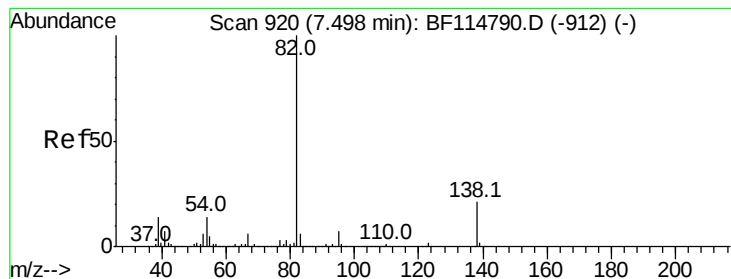
#23
Nitrobenzene-d5
Concen: 82.641 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF114816.D
Acq: 5 Jun 2019 13:05

Tgt	Ion: 82	Resp: 2446884	
Ion	Ratio	Lower	Upper
82	100		
128	53.6	41.8	62.6
54	47.3	37.9	56.9



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: 40.641 ng

RT: 7.23 min Scan# 874

Delta R.T. -0.27 min

Lab File: BF114816.D

Acq: 5 Jun 2019 13:05

Instrument :

BNA_F

ClientSampled :

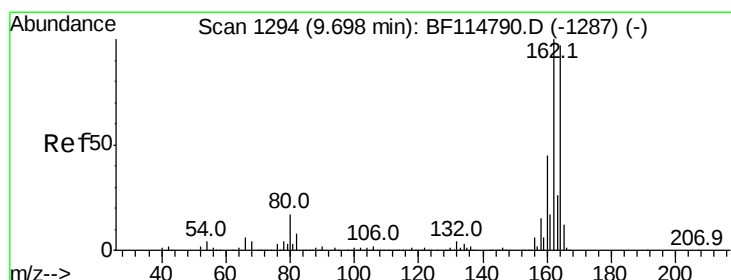
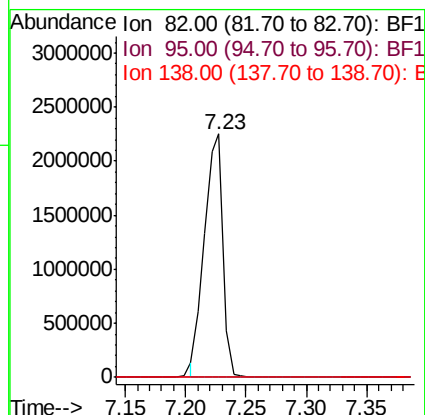
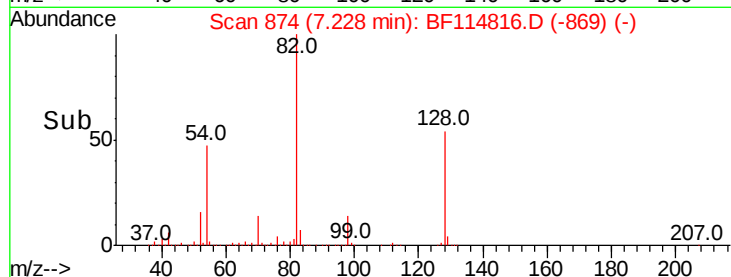
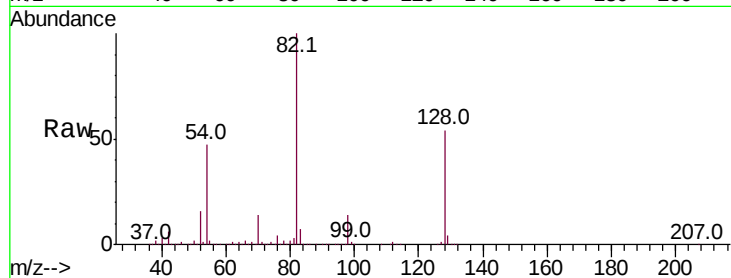
Tot Ion: 82 Resp: 2378875

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

138 0.0 16.9 25.3#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF114816.D

Acq: 5 Jun 2019 13:05

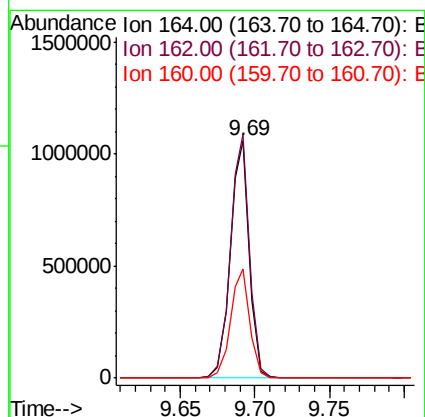
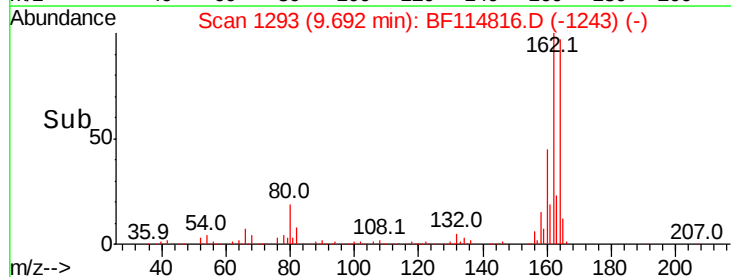
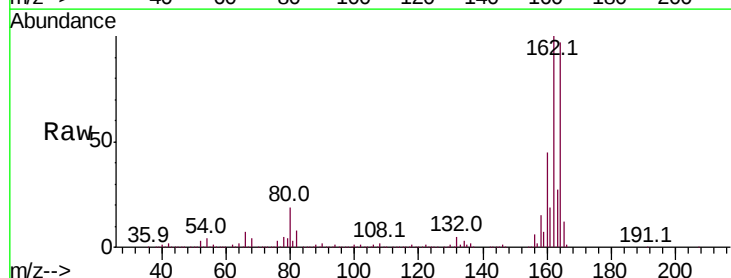
Tgt Ion: 164 Resp: 953154

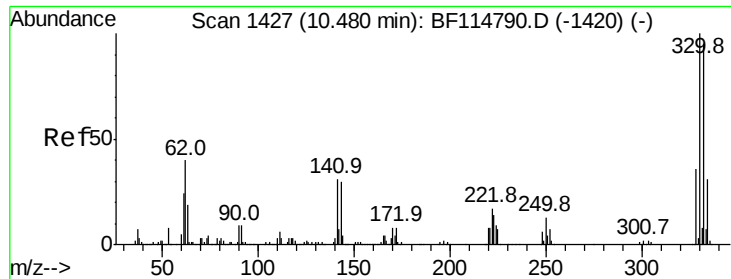
Ion Ratio Lower Upper

164 100

162 102.6 82.3 123.5

160 46.0 36.7 55.1



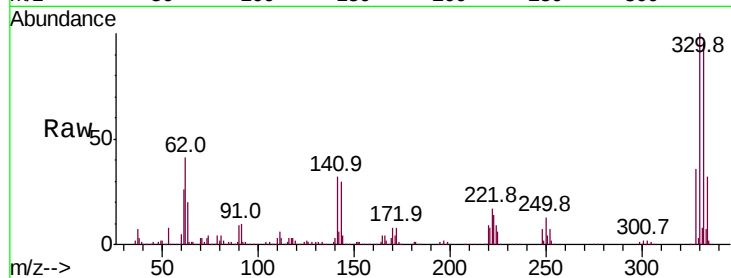


#42
 2,4,6-Tribromophenol
 Concen: 110.771 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. -0.01 min
 Lab File: BF114816.D
 Acq: 5 Jun 2019 13:05

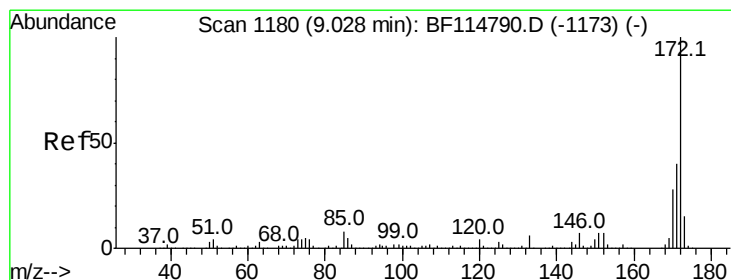
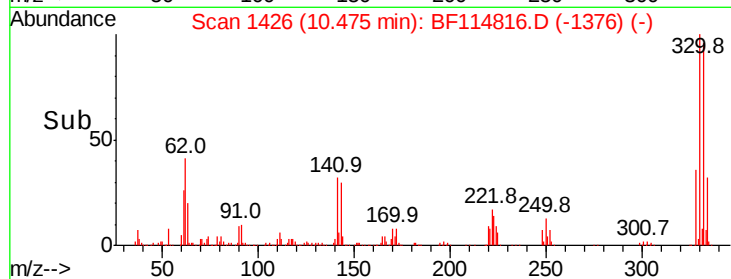
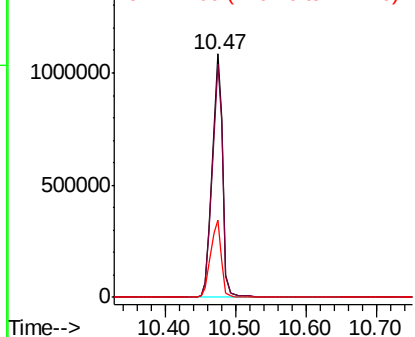
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 1137816

Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.3	115.9
141	32.0	26.2	39.4



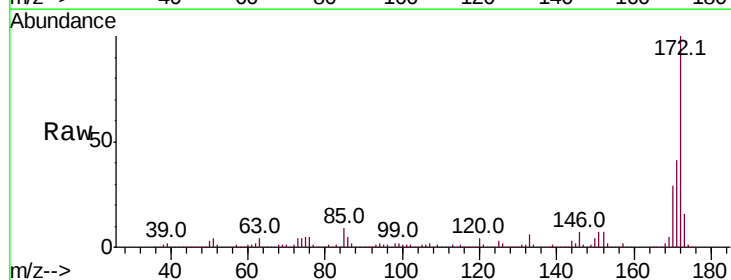
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



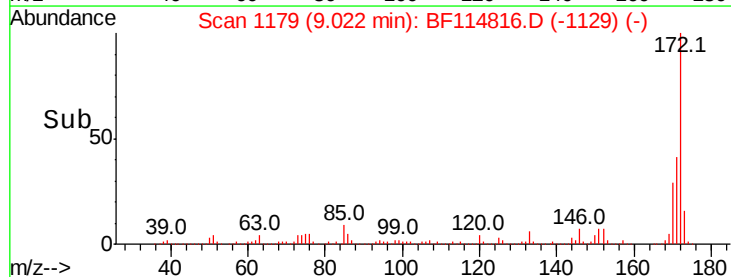
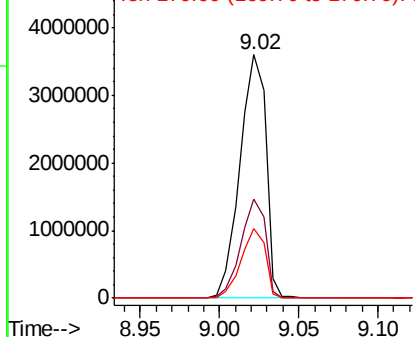
#45
 2-Fluorobiphenyl
 Concen: 80.581 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: BF114816.D
 Acq: 5 Jun 2019 13:05

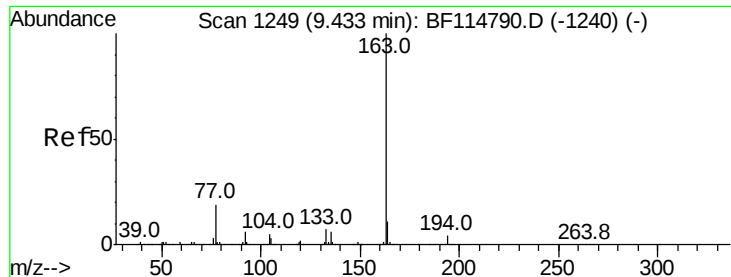
Tgt Ion:172 Resp: 4100099

Ion	Ratio	Lower	Upper
172	100		
171	40.8	32.3	48.5
170	28.6	22.4	33.6



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

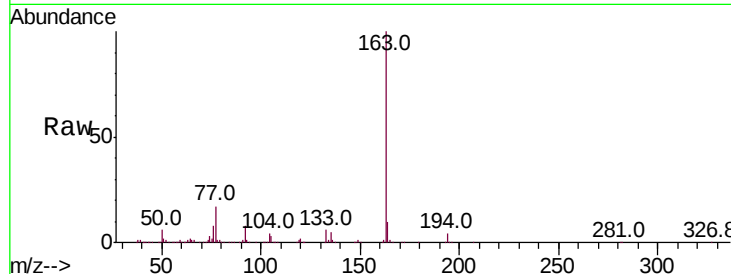




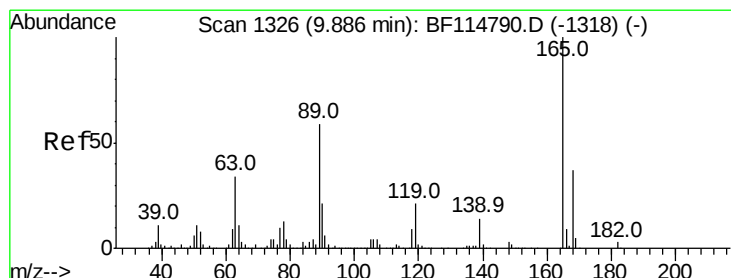
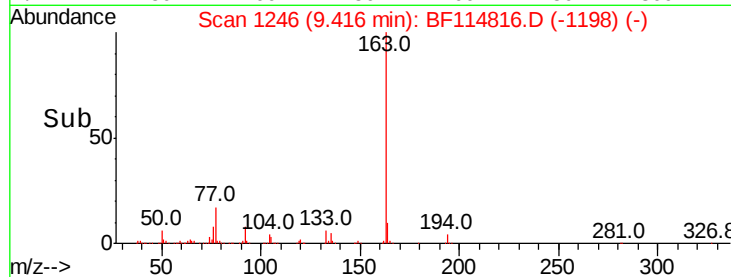
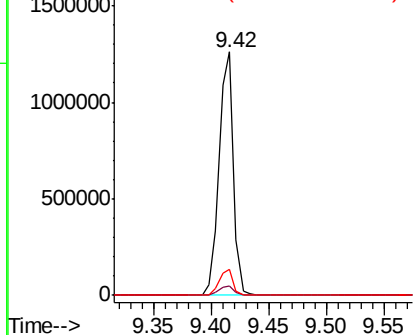
#50
Dimethylphthalate
Concen: 15.610 ng
RT: 9.42 min Scan# 1246
Delta R.T. -0.02 min
Lab File: BF114816.D
Acq: 5 Jun 2019 13:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 1086680
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.2
164 10.5 8.6 13.0

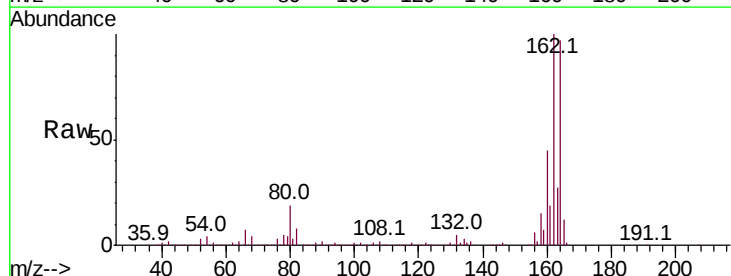


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

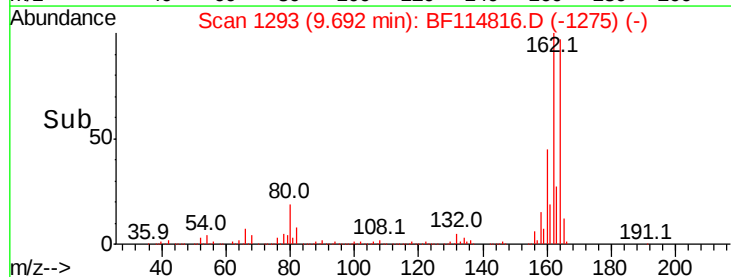
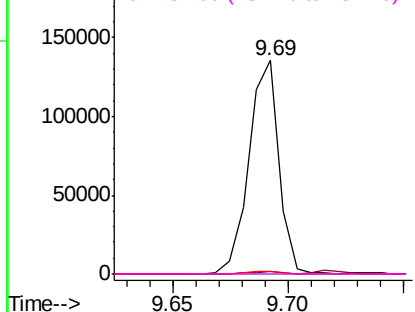


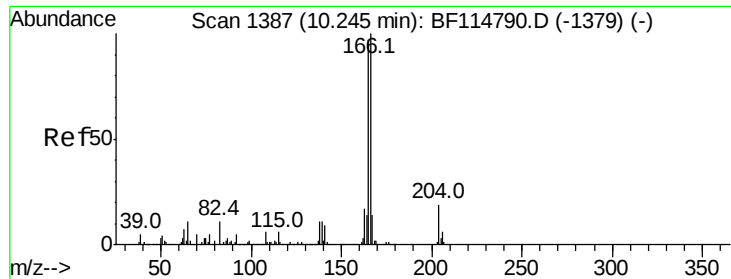
#57
2,4-Dinitrotoluene
Concen: 5.983 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.19 min
Lab File: BF114816.D
Acq: 5 Jun 2019 13:05

Tgt Ion:165 Resp: 123132
Ion Ratio Lower Upper
165 100
63 1.0 27.0 40.4#
89 1.2 47.0 70.6#
182 0.0 2.2 3.2#



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
Ion 182.00 (181.70 to 182.70): E

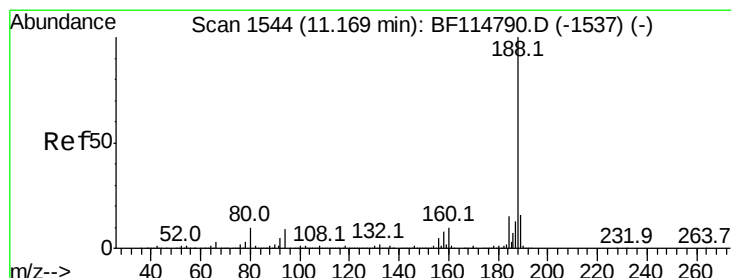
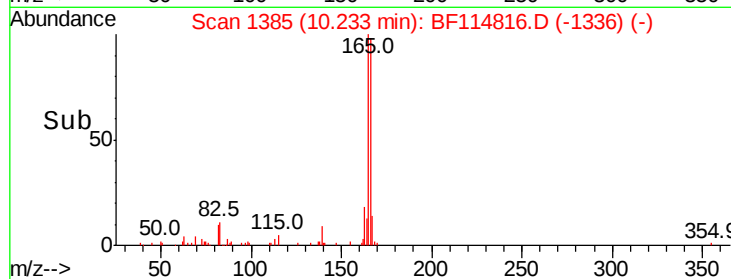
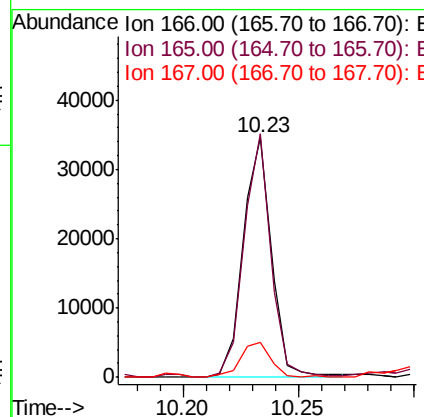
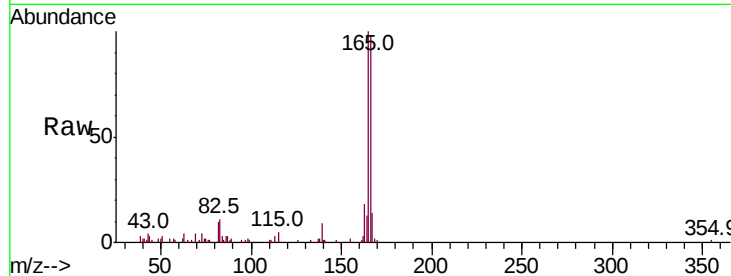




#58
 Fluorene
 Concen: Below Cal
 RT: 10.23 min Scan# 1385
 Delta R.T. -0.01 min
 Lab File: BF114816.D
 Acq: 5 Jun 2019 13:05

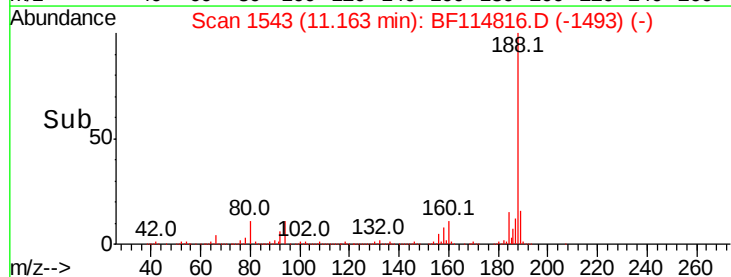
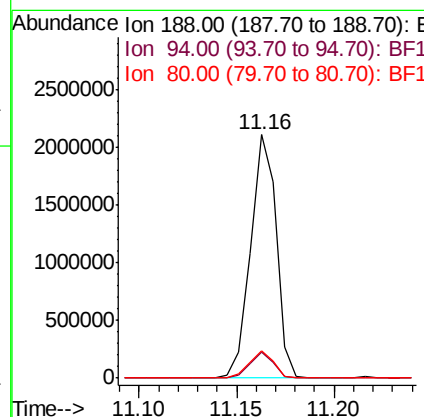
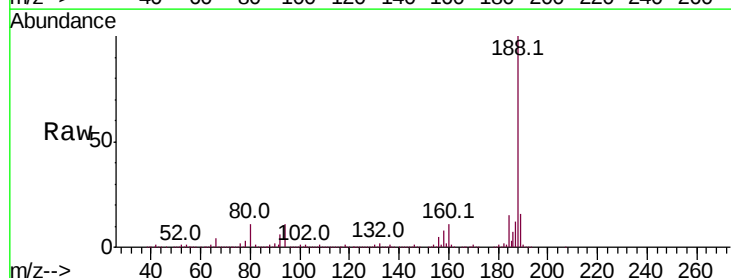
Instrument :
 BNA_F
 ClientSampleId :

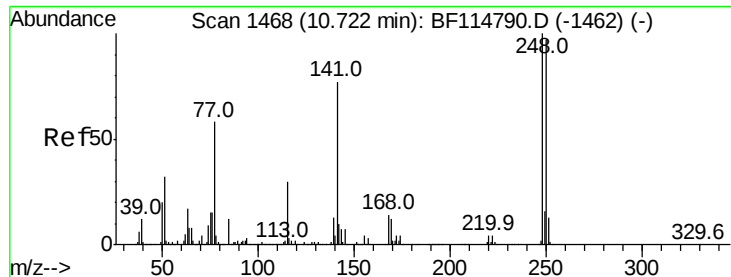
Tot Ion	Ratio	Lower	Upper
166	100		
165	101.7	77.9	116.9
167	14.7	11.3	16.9



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.16 min Scan# 1543
 Delta R.T. -0.01 min
 Lab File: BF114816.D
 Acq: 5 Jun 2019 13:05

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.8	7.6	11.4
80	11.1	8.3	12.5

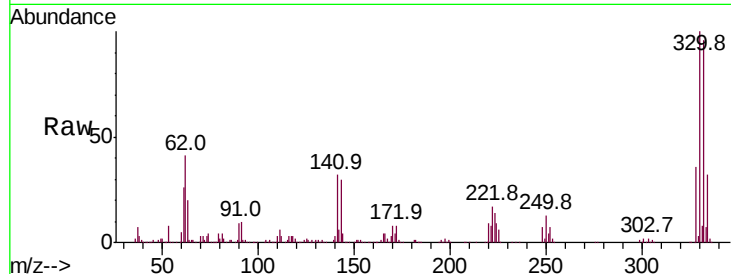




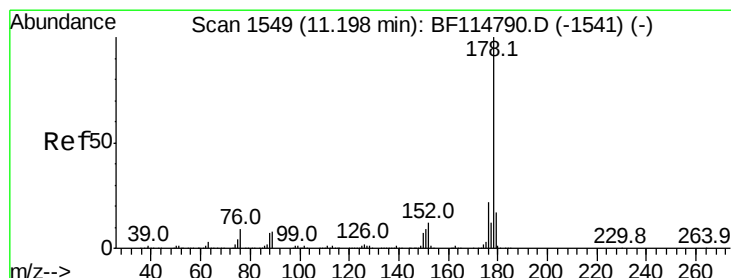
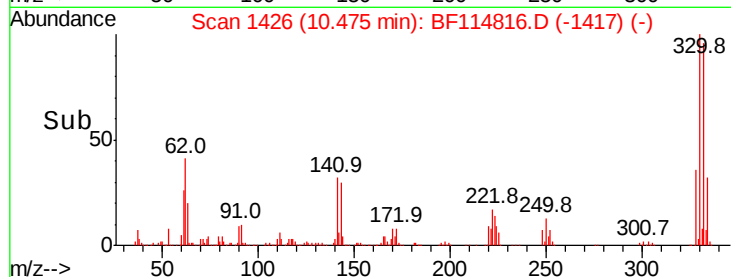
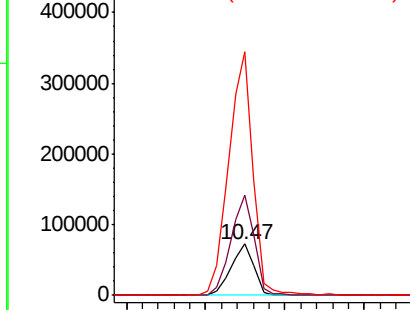
#67
 4-Bromophenyl-phenylether
 Concen: 3.346 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. -0.25 min
 Lab File: BF114816.D
 Acq: 5 Jun 2019 13:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 73234
 Ion Ratio Lower Upper
 248 100
 250 195.2 77.5 116.3#
 141 473.5 61.8 92.8#

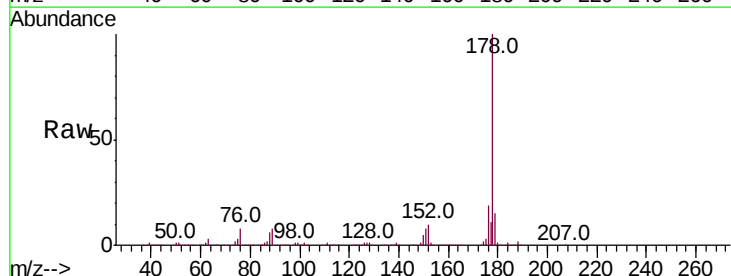


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

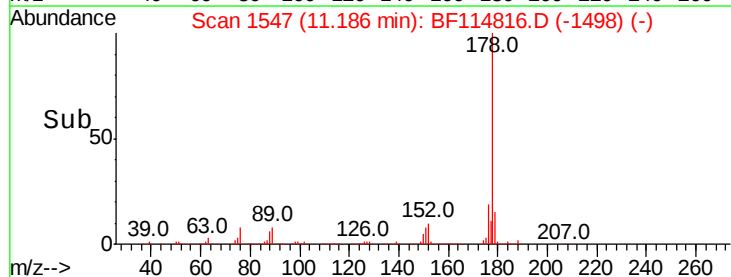
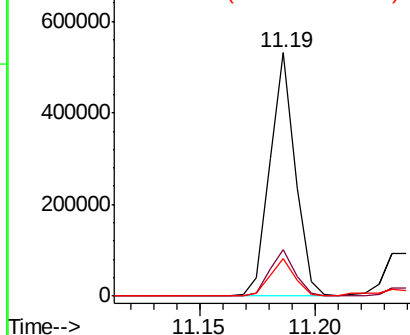


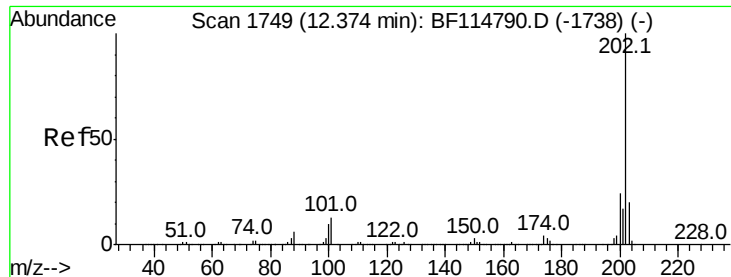
#71
 Phenanthrene
 Concen: 4.405 ng
 RT: 11.19 min Scan# 1547
 Delta R.T. -0.01 min
 Lab File: BF114816.D
 Acq: 5 Jun 2019 13:05

Tgt Ion:178 Resp: 405160
 Ion Ratio Lower Upper
 178 100
 176 19.4 17.7 26.5
 179 15.4 13.7 20.5



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





#75

Fluoranthene

Concen: 5.164 ng

RT: 12.36 min Scan# 1747

Delta R.T. -0.01 min

Lab File: BF114816.D

Acq: 5 Jun 2019 13:05

Instrument :

BNA_F

ClientSampleId :

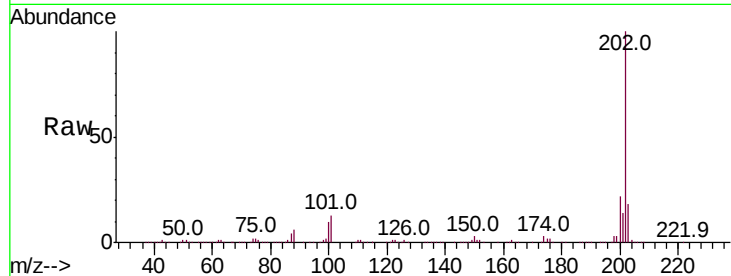
Tot Ion:202 Resp: 494425

Ion Ratio Lower Upper

202 100

101 12.9 0.0 32.8

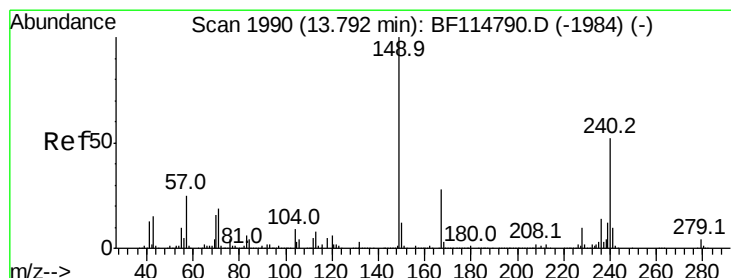
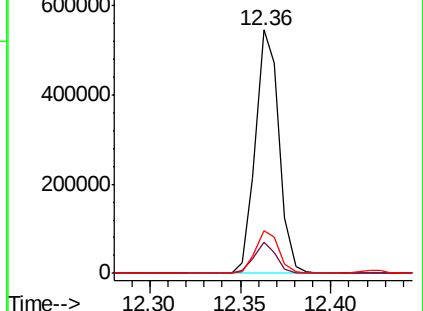
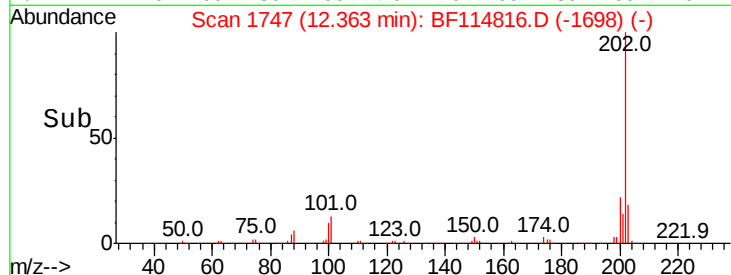
203 17.6 0.2 40.2



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: 13.79 min Scan# 1989

Delta R.T. -0.01 min

Lab File: BF114816.D

Acq: 5 Jun 2019 13:05

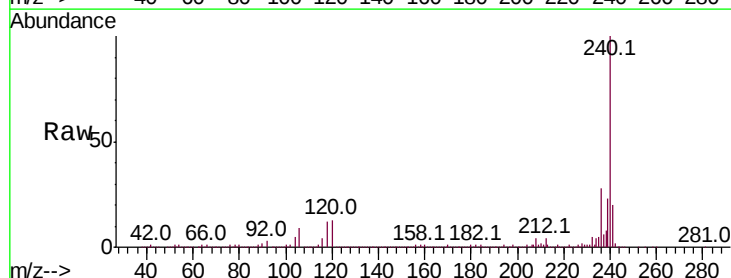
Tgt Ion:240 Resp: 1610918

Ion Ratio Lower Upper

240 100

120 13.0 9.0 13.4

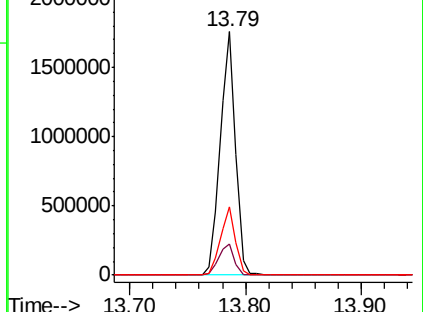
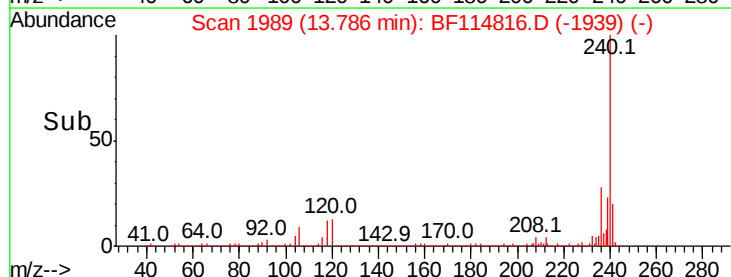
236 28.1 21.4 32.0

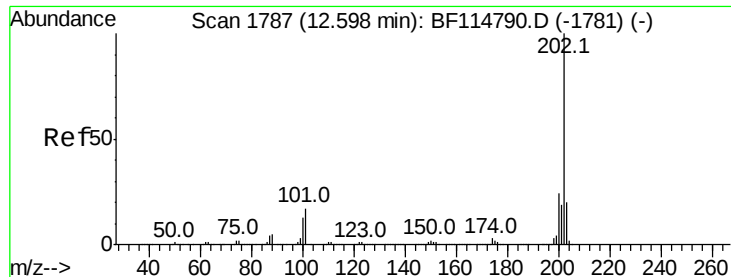


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

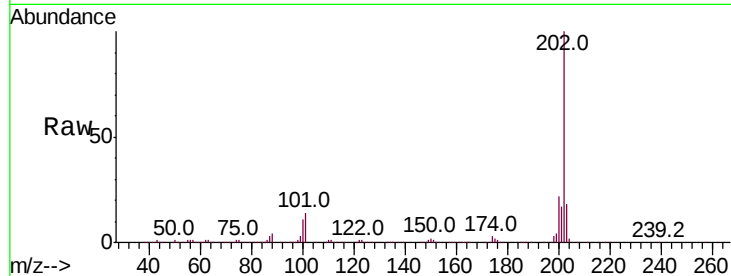




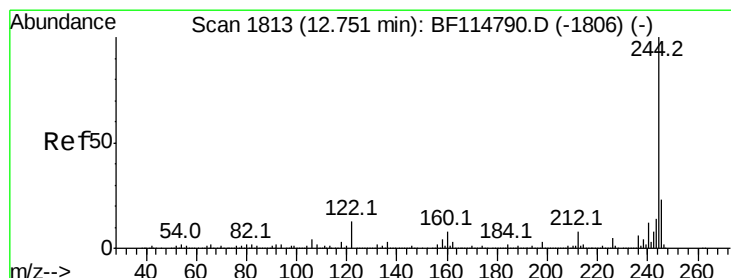
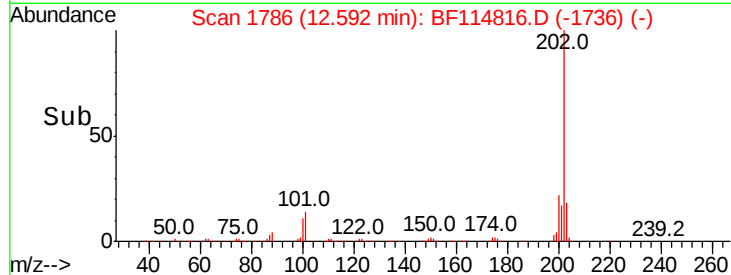
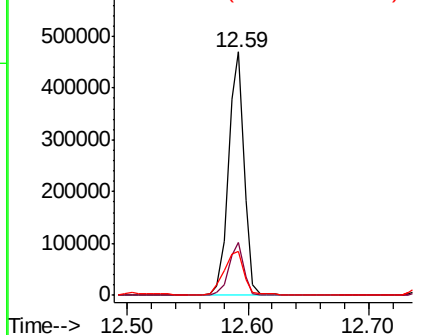
#78
Pvrene
Concen: 3.013 ng
RT: 12.59 min Scan# 1786
Delta R.T. -0.01 min
Lab File: BF114816.D
Acq: 5 Jun 2019 13:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 421111
Ion Ratio Lower Upper
202 100
200 21.8 19.2 28.8
203 18.0 15.9 23.9

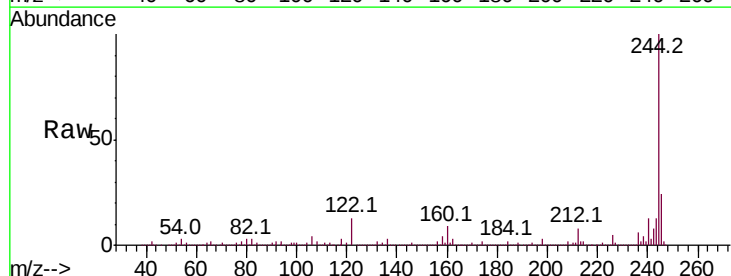


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

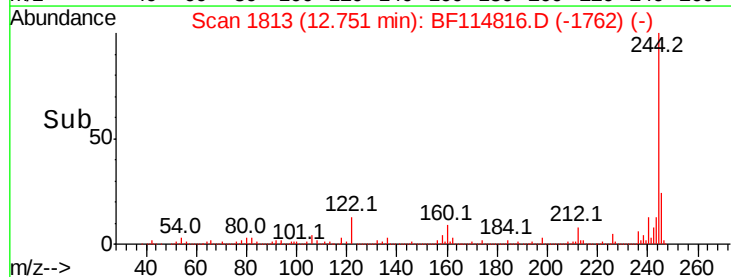
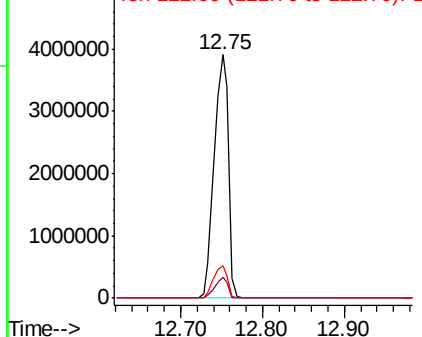


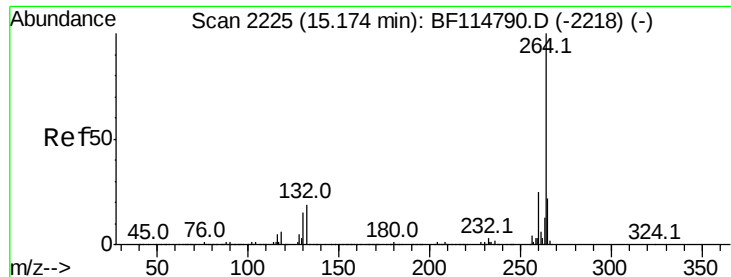
#79
Terphenyl-d14
Concen: 57.591 ng
RT: 12.75 min Scan# 1813
Delta R.T. 0.00 min
Lab File: BF114816.D
Acq: 5 Jun 2019 13:05

Tgt Ion:244 Resp: 4770475
Ion Ratio Lower Upper
244 100
212 8.4 6.5 9.7
122 13.5 10.5 15.7



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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.18 min Scan# 2226

Delta R.T. 0.01 min

Lab File: BF114816.D

Acq: 5 Jun 2019 13:05

Instrument :

BNA_F

ClientSampleId :

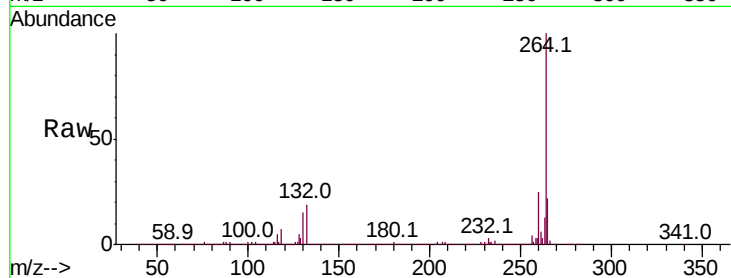
Tot Ion:264 Resp: 1622647

Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.1	30.1
265	22.2	17.7	26.5

264 100

260 25.1 20.1 30.1

265 22.2 17.7 26.5

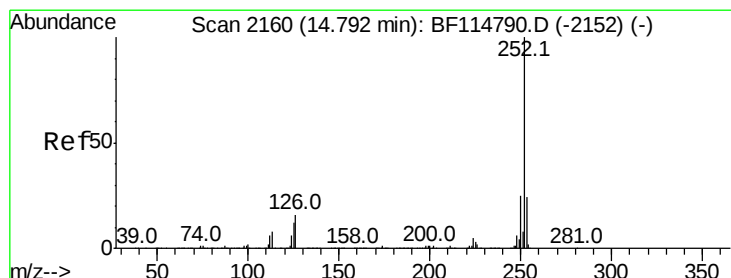
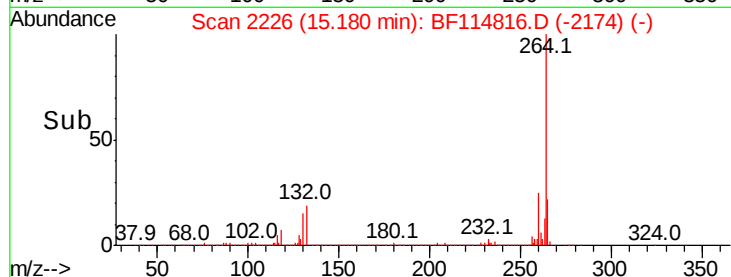
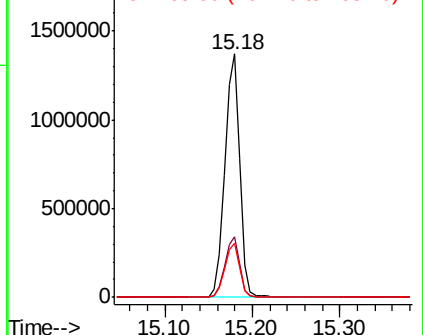


Abundance

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: 2.732 ng

RT: 14.79 min Scan# 2160

Delta R.T. 0.00 min

Lab File: BF114816.D

Acq: 5 Jun 2019 13:05

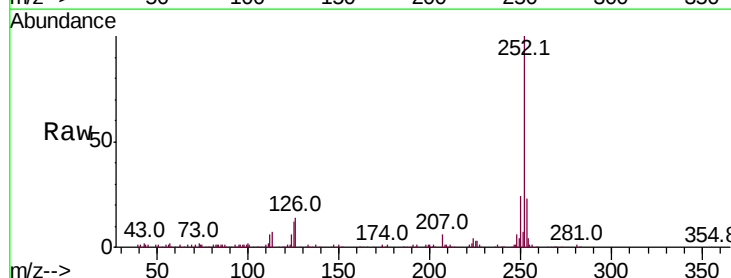
Tgt Ion:252 Resp: 282196

Ion	Ratio	Lower	Upper
252	100		
253	23.0	19.0	28.6
125	11.9	9.4	14.0

252 100

253 23.0 19.0 28.6

125 11.9 9.4 14.0

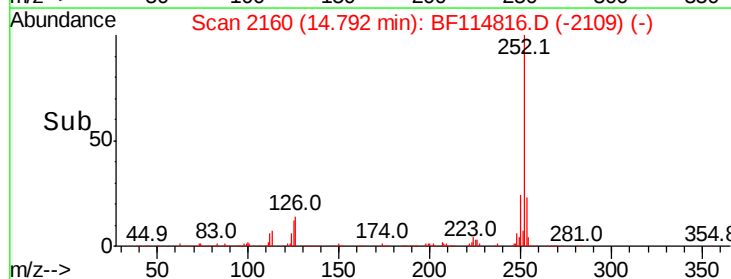
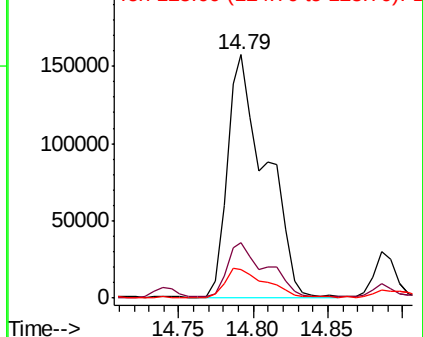


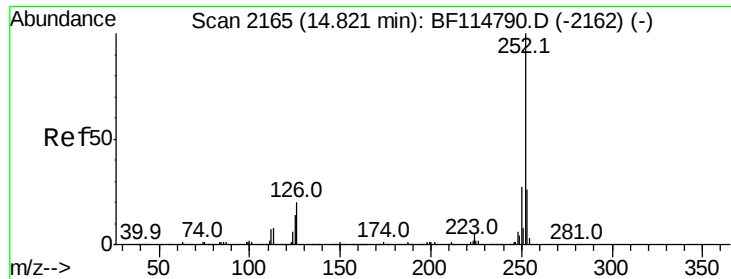
Abundance

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: 3.217 ng

RT: 14.79 min Scan# 2160

Delta R.T. -0.03 min

Lab File: BF114816.D

Acq: 5 Jun 2019 13:05

Instrument :

BNA_F

ClientSampleId :

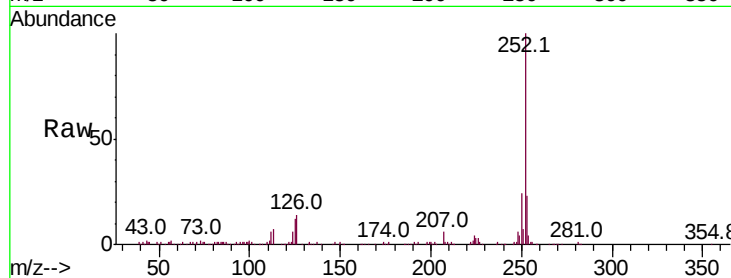
Tot Ion:252 Resp: 282196

Ion Ratio Lower Upper

252 100

253 23.0 19.3 28.9

125 11.9 10.1 15.1



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

