

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF033120\
 Data File : BF119660.D
 Acq On : 31 Mar 2020 19:01
 Operator : MA/SJ
 Sample : L2055-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-8-(1-3)

Quant Time: Apr 01 00:04:01 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 31 14:11:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	290297	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1052414	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	491980	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	773299	20.00	ng	0.00
76) Chrysene-d12	14.01	240	512128	20.00	ng	0.00
87) Perylene-d12	15.48	264	485475	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.45	112	1706546	93.58	ng	0.01
7) Phenol-d6	6.46	99	2134409	91.63	ng	0.00
23) Nitrobenzene-d5	7.39	82	1280950	66.15	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	456274	89.90	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	2270028	68.36	ng	0.00
79) Terphenyl-d14	12.96	244	1877563	71.83	ng	0.00

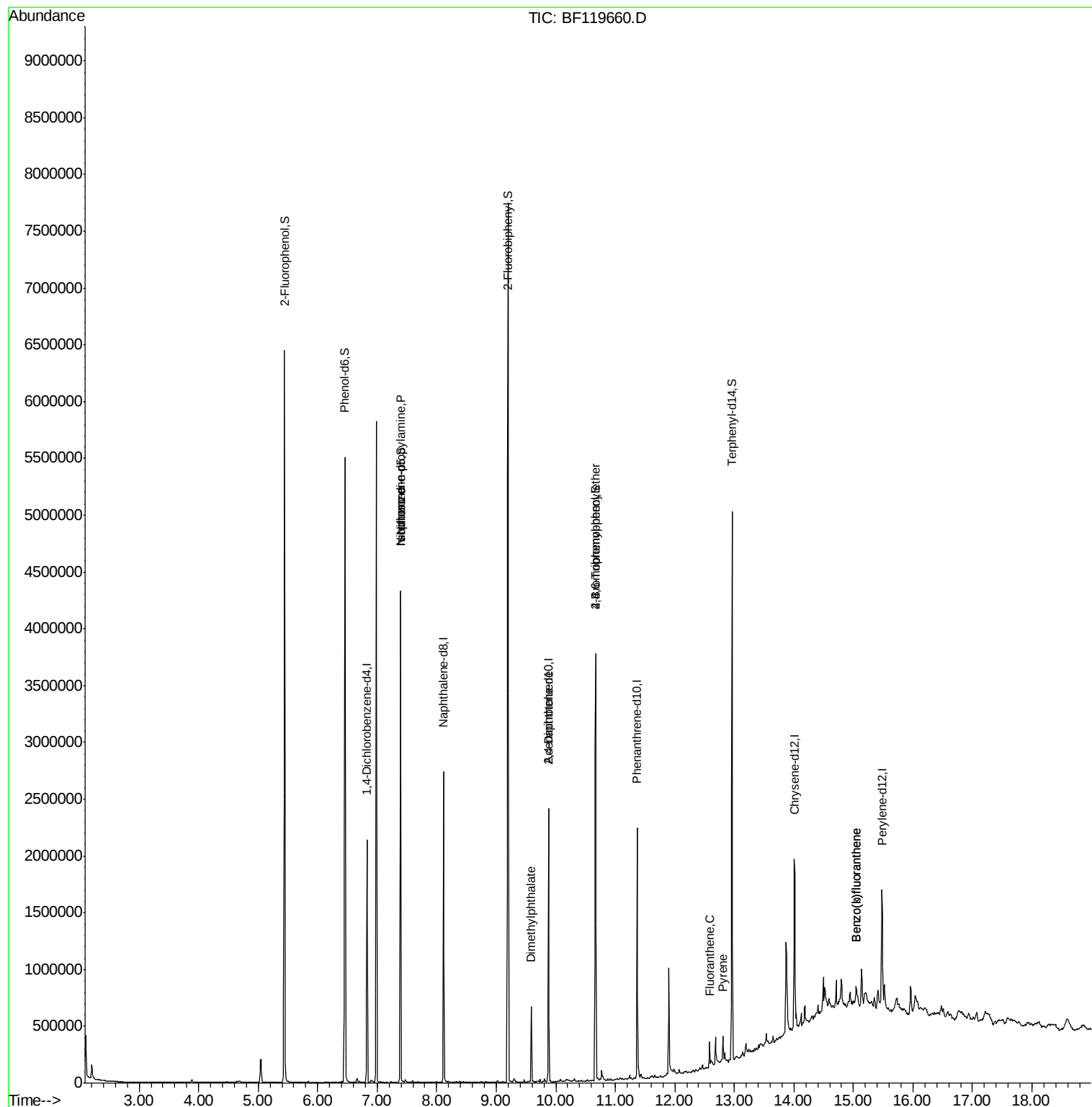
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.39	70	170597	12.15	ng	# 74
25) Isophorone	7.39	82	1270592	32.35	ng	# 65
50) Dimethylphthalate	9.59	163	268563	7.69	ng	98
57) 2,4-Dinitrotoluene	9.87	165	64910	6.88	ng	# 20
67) 4-Bromophenyl-phenylether	10.67	248	26193	2.97	ng	# 1
75) Fluoranthene	12.58	202	88466	2.04	ng	100
78) Pyrene	12.81	202	88087	2.10	ng	97
88) Benzo(b)fluoranthene	15.05	252	110242	3.40	ng	# 89
89) Benzo(k)fluoranthene	15.05	252	110242	3.57	ng	# 90

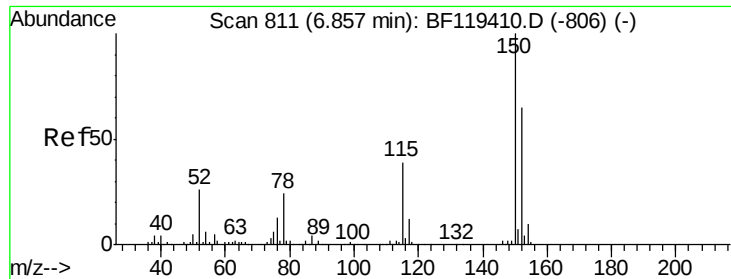
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF033120\
Data File : BF119660.D
Acq On : 31 Mar 2020 19:01
Operator : MA/SJ
Sample : L2055-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-8-(1-3)

Quant Time: Apr 01 00:04:01 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 31 14:11:44 2020
Response via : Initial Calibration



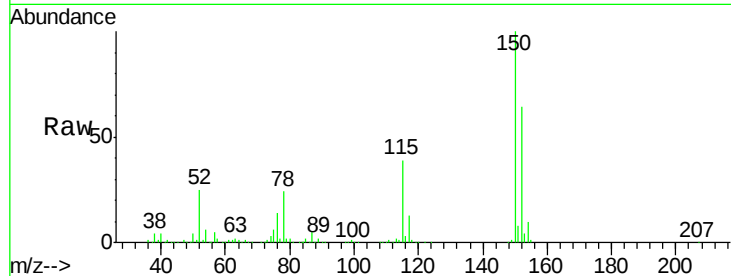


#1

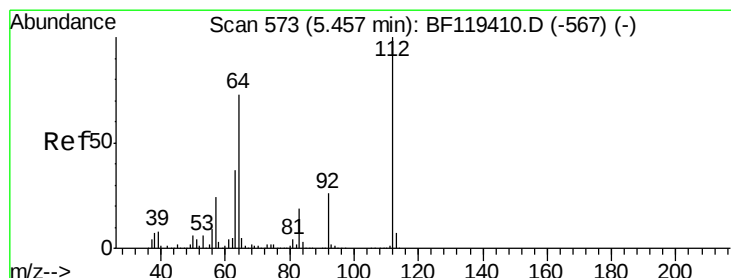
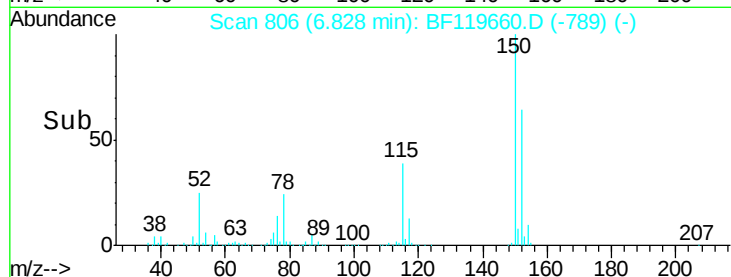
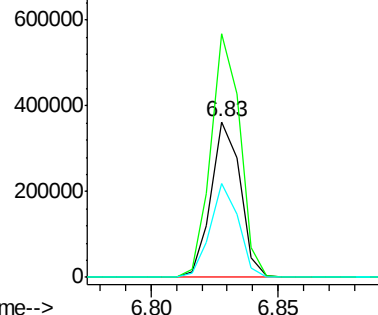
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.00 min
Lab File: BF119660.D
Acq: 31 Mar 2020 19:01

Instrument :
BNA_F
ClientSampleId :
SB-8-(1-3)

Tgt Ion:152 Resp: 290297
Ion Ratio Lower Upper
152 100
150 156.6 124.5 186.7
115 60.5 49.6 74.4



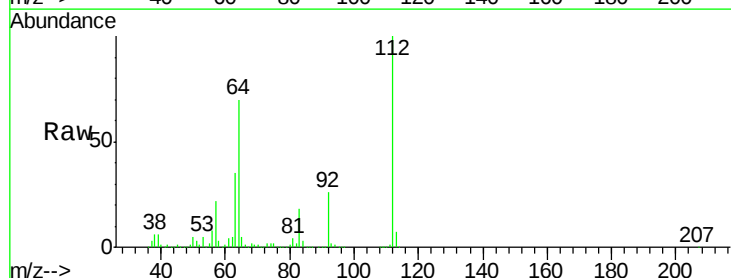
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



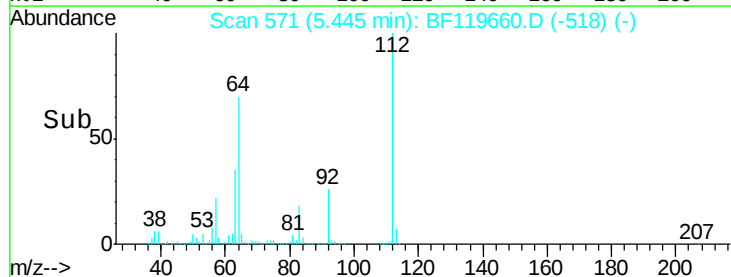
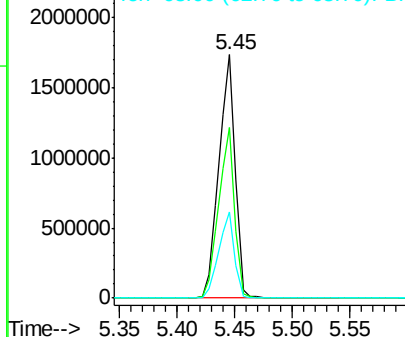
#5

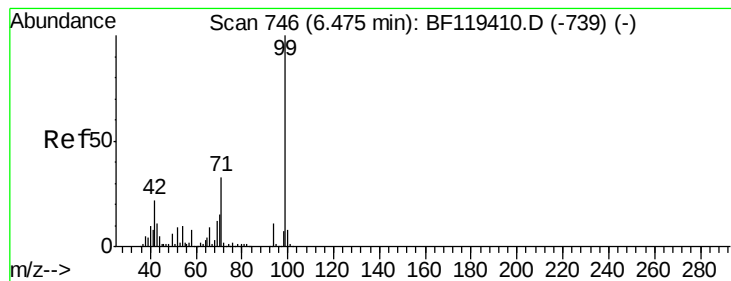
2-Fluorophenol
Concen: 93.58 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF119660.D
Acq: 31 Mar 2020 19:01

Tgt Ion:112 Resp: 1706546
Ion Ratio Lower Upper
112 100
64 70.0 56.7 85.1
63 35.4 29.5 44.3



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 91.63 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF119660.D

Acq: 31 Mar 2020 19:01

Instrument :

BNA_F

ClientSampleId :

SB-8-(1-3)

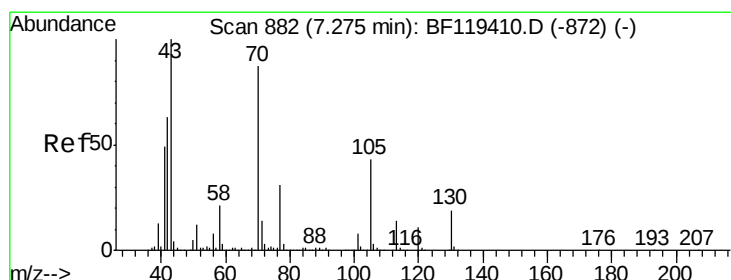
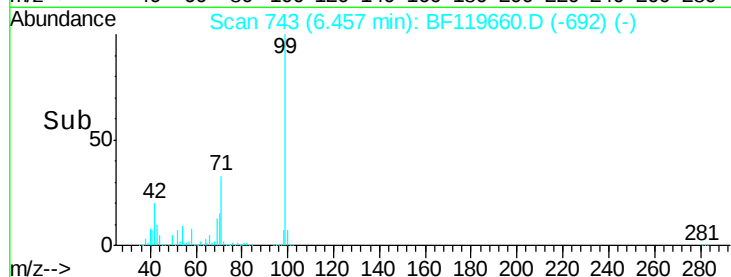
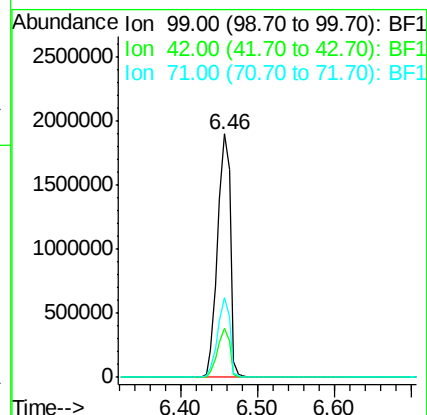
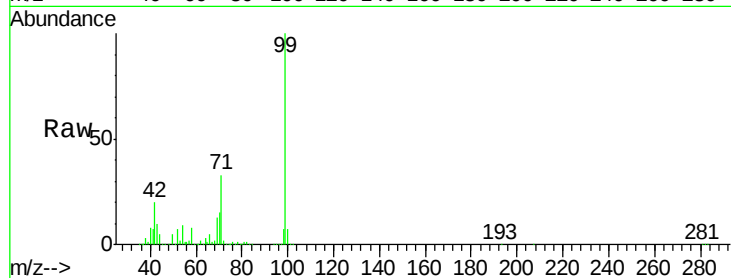
Tgt Ion: 99 Resp: 2134409

Ion Ratio Lower Upper

99 100

42 20.2 16.6 24.8

71 32.8 26.4 39.6



#19

n-Nitroso-di-n-propylamine

Concen: 12.15 ng

RT: 7.39 min Scan# 902

Delta R.T. 0.14 min

Lab File: BF119660.D

Acq: 31 Mar 2020 19:01

Tgt Ion: 70 Resp: 170597

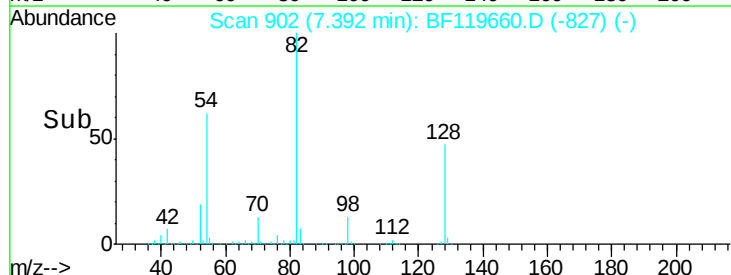
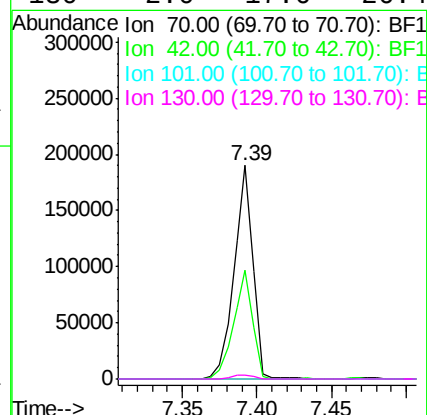
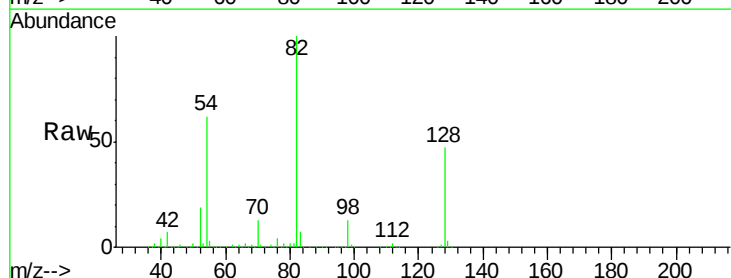
Ion Ratio Lower Upper

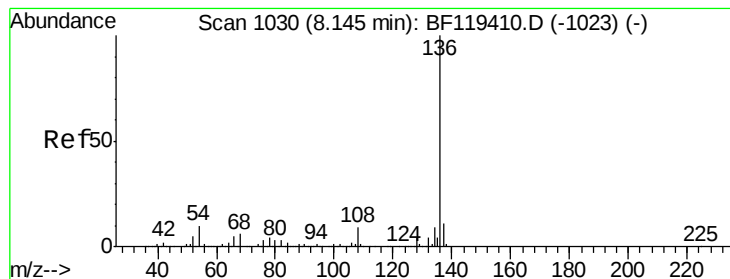
70 100

42 50.7 54.5 81.7#

101 0.0 7.6 11.4#

130 2.0 17.6 26.4#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.00 min

Lab File: BF119660.D

Acq: 31 Mar 2020 19:01

Instrument :

BNA_F

ClientSampleId :

SB-8-(1-3)

Tgt Ion:136 Resp: 1052414

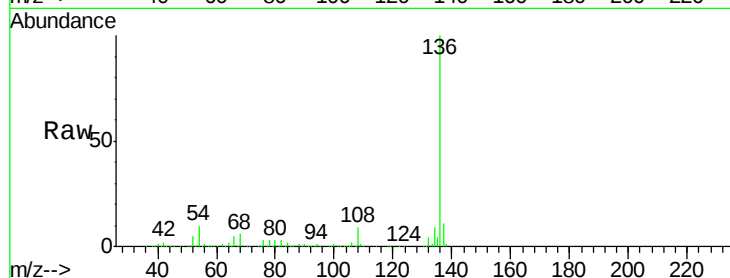
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 10.2 9.1 13.7

68 6.3 4.6 6.8

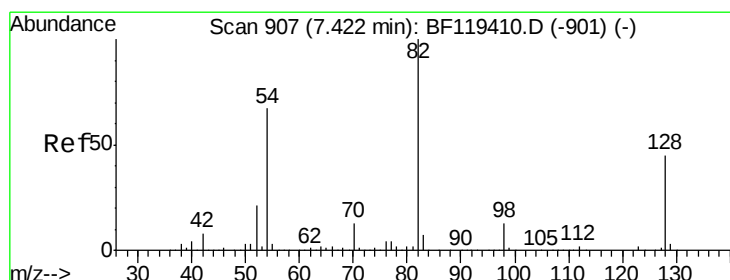
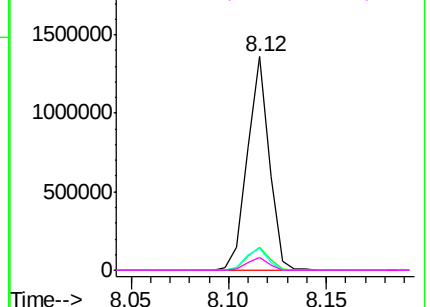
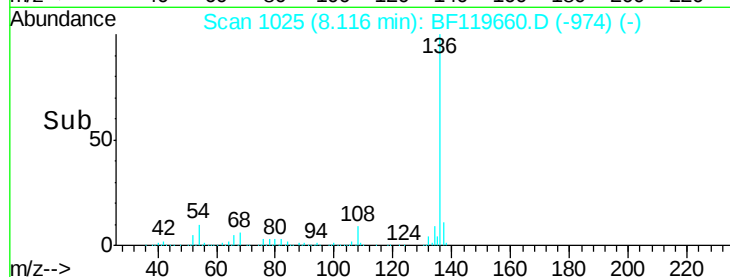


Abundance Ion 136.00 (135.70 to 136.70): E

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: 66.15 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.01 min

Lab File: BF119660.D

Acq: 31 Mar 2020 19:01

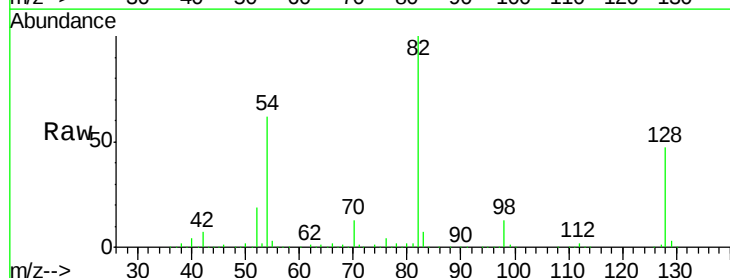
Tgt Ion: 82 Resp: 1280950

Ion Ratio Lower Upper

82 100

128 46.8 36.3 54.5

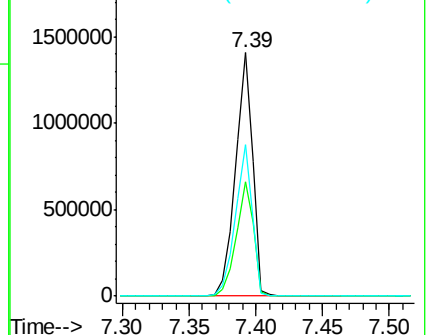
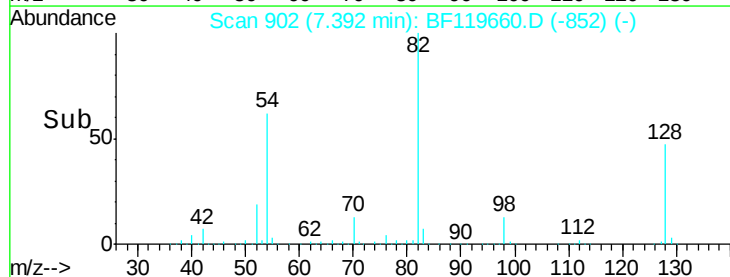
54 62.1 50.6 75.8

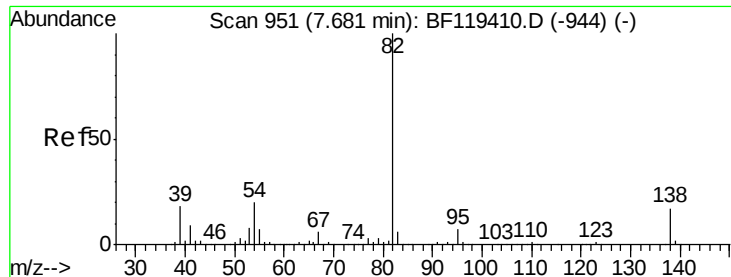


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 32.35 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.26 min

Lab File: BF119660.D

Acq: 31 Mar 2020 19:01

Instrument :

BNA_F

ClientSampleId :

SB-8-(1-3)

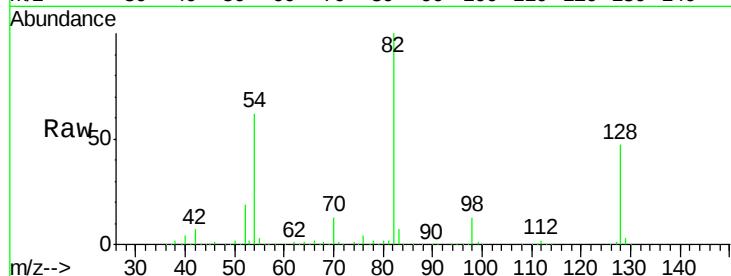
Tgt Ion: 82 Resp: 1270592

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

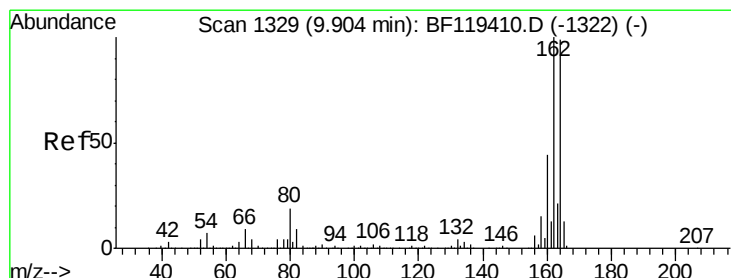
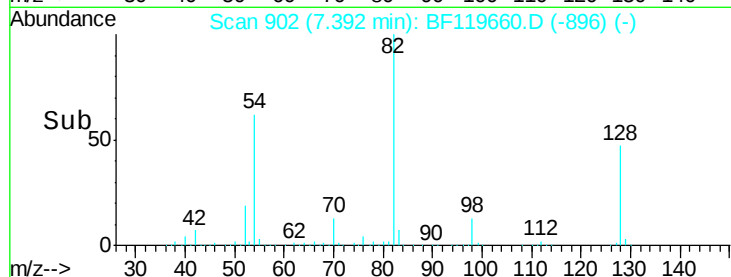
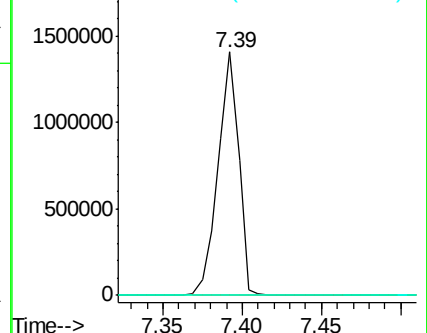
138 0.0 14.6 21.8#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.00 min

Lab File: BF119660.D

Acq: 31 Mar 2020 19:01

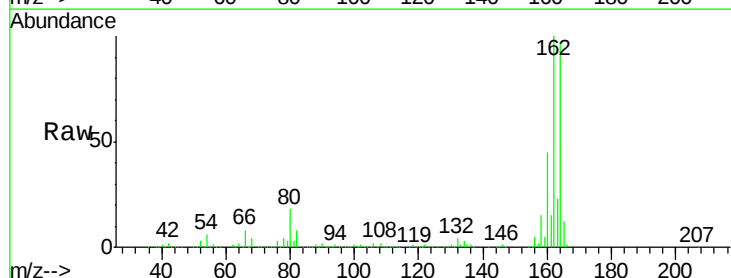
Tgt Ion: 164 Resp: 491980

Ion Ratio Lower Upper

164 100

162 102.9 80.6 121.0

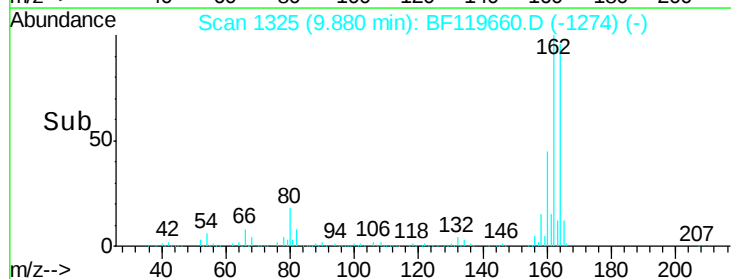
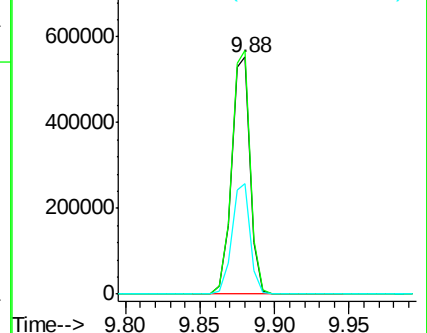
160 46.6 35.7 53.5

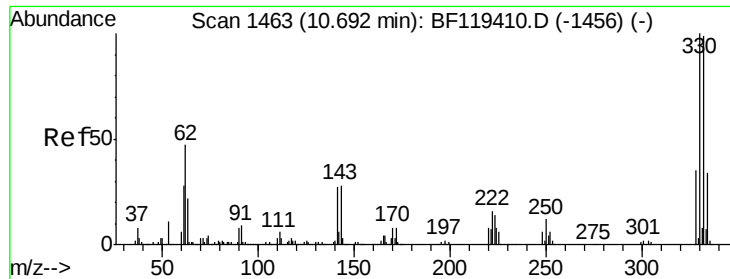


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

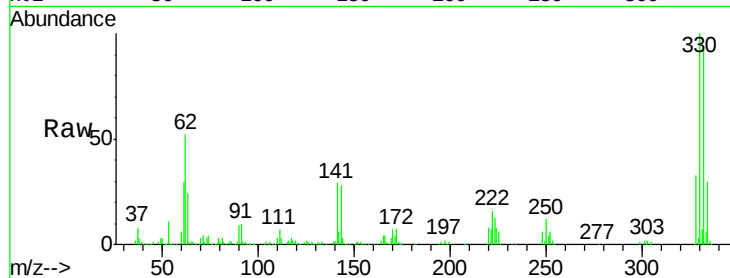




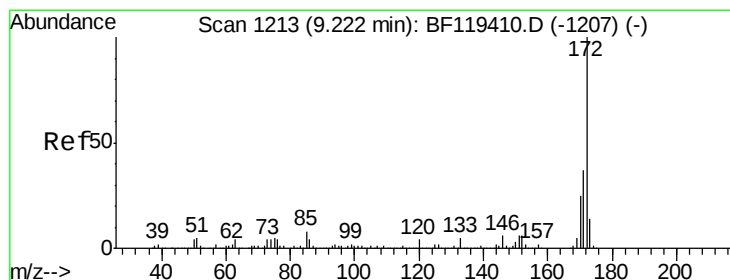
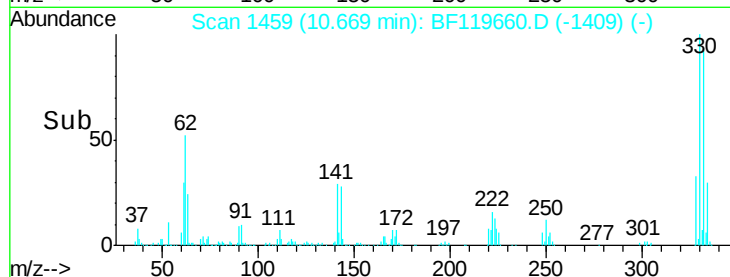
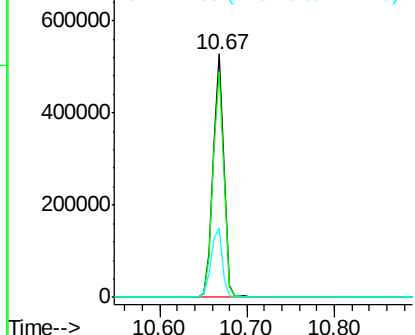
#42
 2,4,6-Tribromophenol
 Concen: 89.90 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF119660.D
 Acq: 31 Mar 2020 19:01

Instrument :
 BNA_F
 ClientSampleId :
 SB-8-(1-3)

Tgt Ion:330 Resp: 456274
 Ion Ratio Lower Upper
 330 100
 332 93.4 75.7 113.5
 141 30.0 25.4 38.0

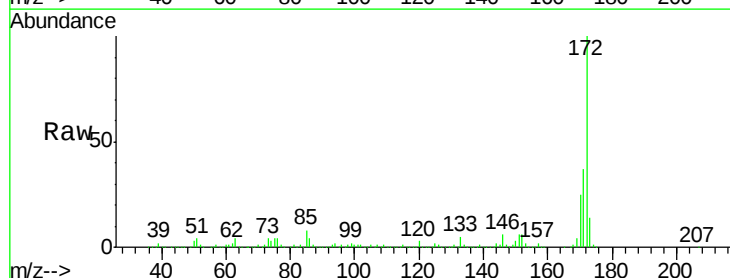


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

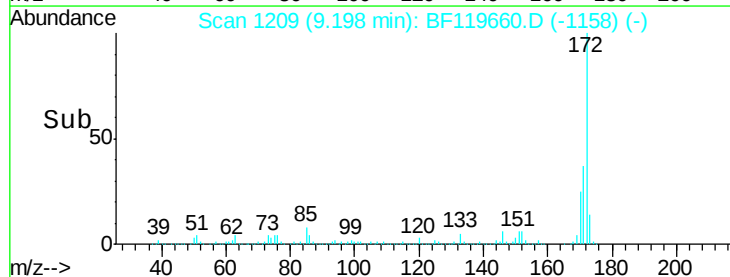
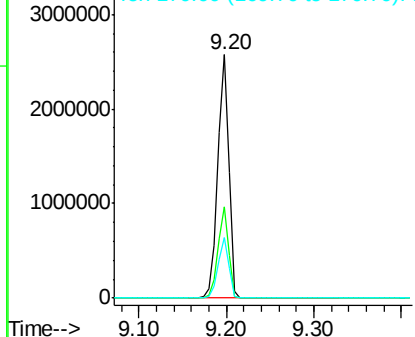


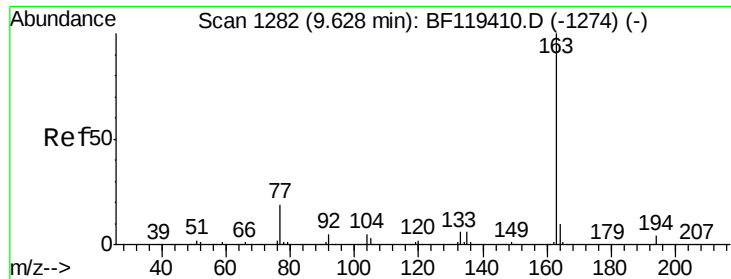
#45
 2-Fluorobiphenyl
 Concen: 68.36 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.00 min
 Lab File: BF119660.D
 Acq: 31 Mar 2020 19:01

Tgt Ion:172 Resp: 2270028
 Ion Ratio Lower Upper
 172 100
 171 37.2 29.6 44.4
 170 25.1 20.2 30.2



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

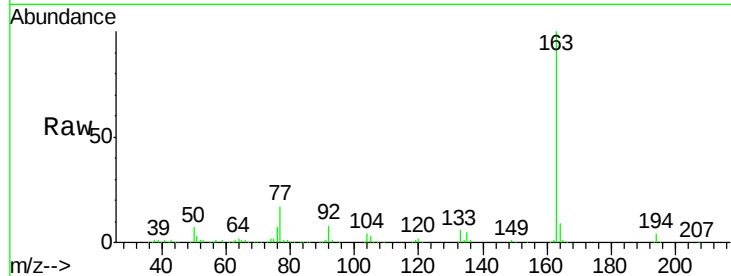




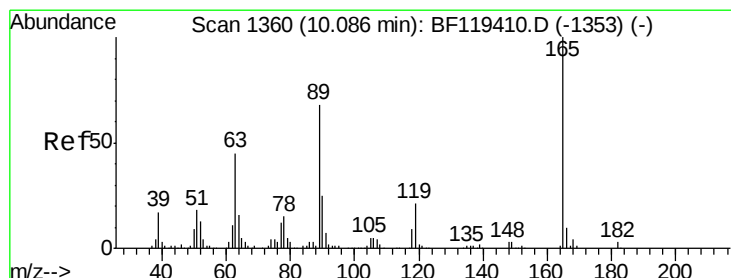
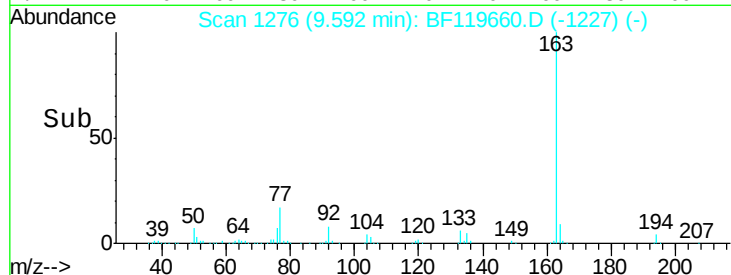
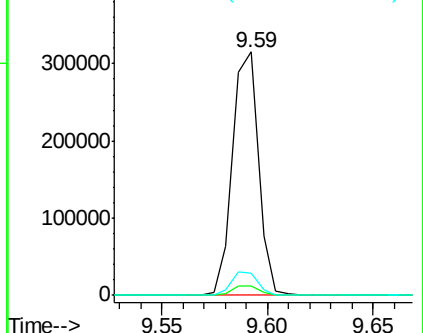
#50
Dimethylphthalate
Concen: 7.69 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.01 min
Lab File: BF119660.D
Acq: 31 Mar 2020 19:01

Instrument :
BNA_F
ClientSampleId :
SB-8-(1-3)

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.1	4.7
164	9.3	8.2	12.2



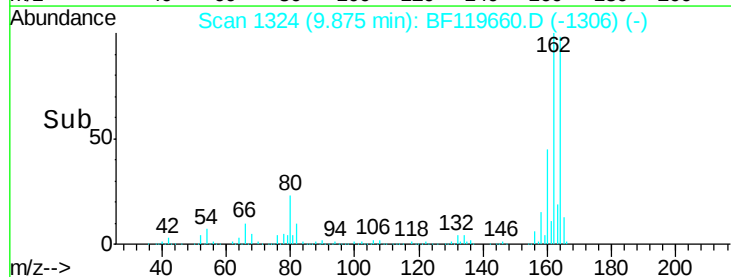
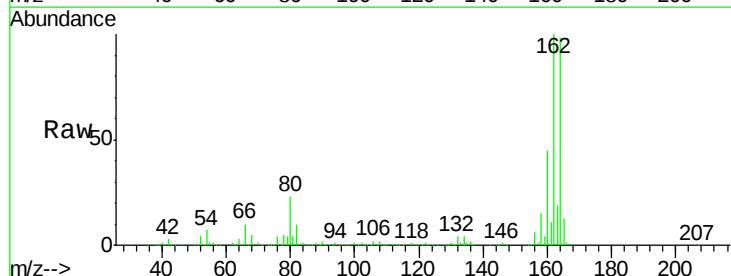
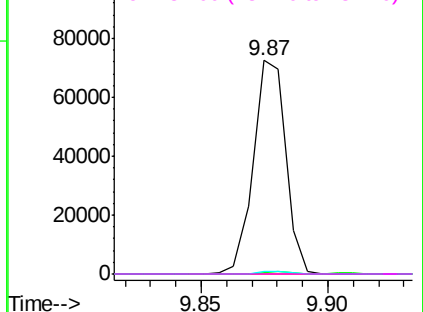
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

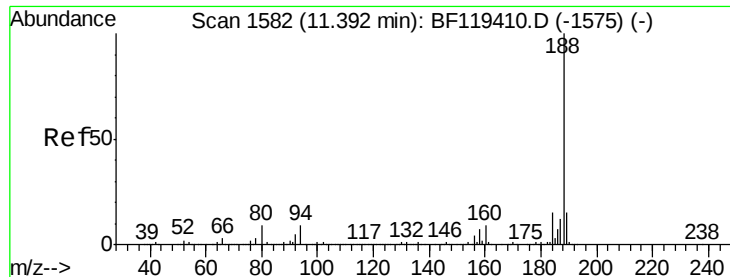


#57
2,4-Dinitrotoluene
Concen: 6.88 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.19 min
Lab File: BF119660.D
Acq: 31 Mar 2020 19:01

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.9	42.6	64.0#
89	1.1	61.0	91.4#
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

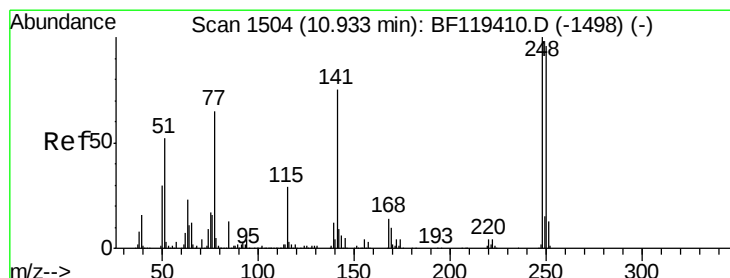
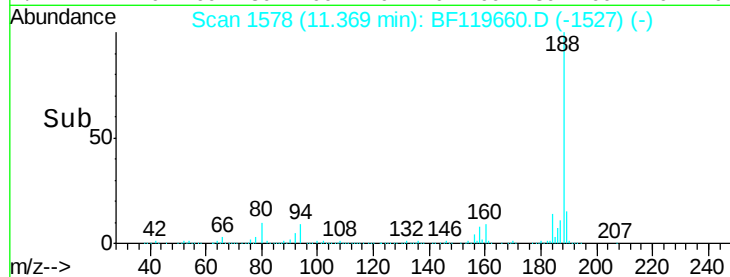
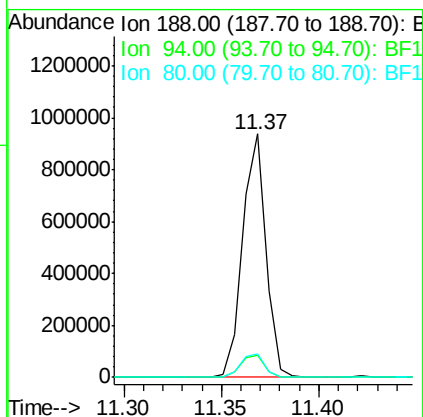
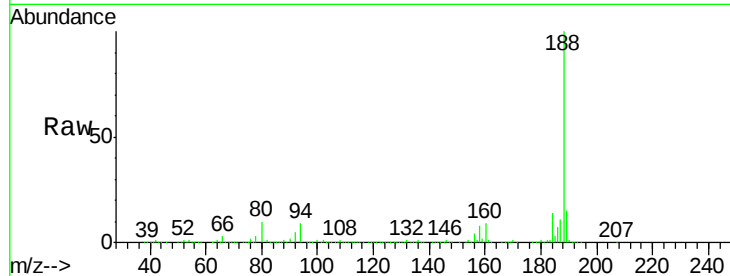




#64
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.37 min Scan# 1578
 Delta R.T. -0.00 min
 Lab File: BF119660.D
 Acq: 31 Mar 2020 19:01

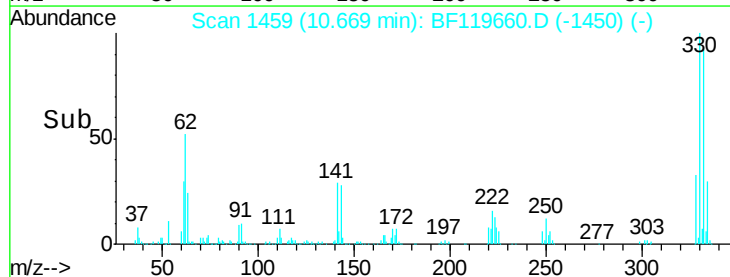
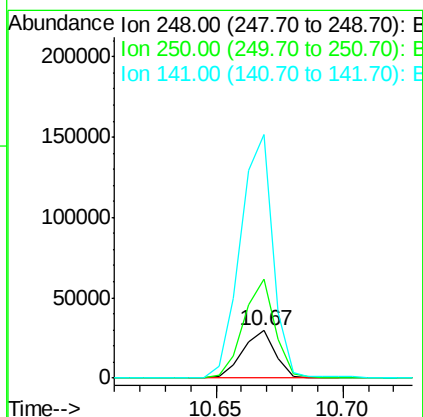
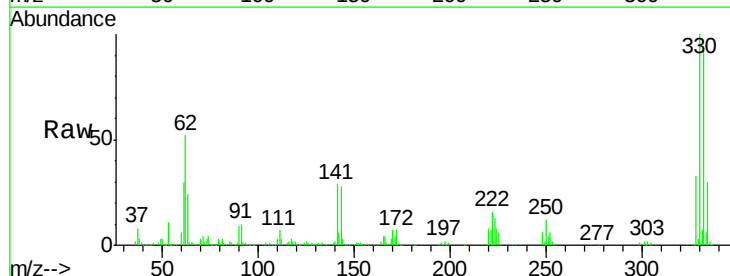
Instrument :
 BNA_F
 ClientSampleId :
 SB-8-(1-3)

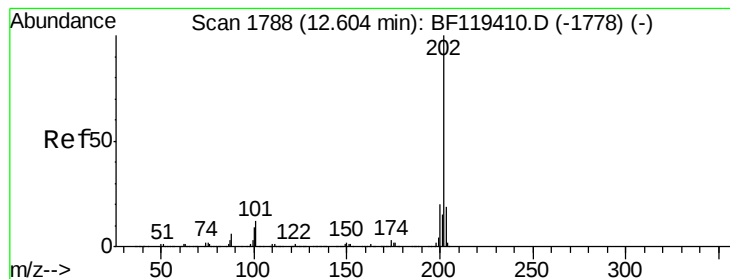
Tgt Ion:188 Resp: 773299
 Ion Ratio Lower Upper
 188 100
 94 9.1 7.5 11.3
 80 9.7 9.0 13.4



#67
 4-Bromophenyl-phenylether
 Concen: 2.97 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.25 min
 Lab File: BF119660.D
 Acq: 31 Mar 2020 19:01

Tgt Ion:248 Resp: 26193
 Ion Ratio Lower Upper
 248 100
 250 208.3 77.3 115.9#
 141 514.4 58.6 87.8#





#75

Fluoranthene

Concen: 2.04 ng

RT: 12.58 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BF119660.D

Acq: 31 Mar 2020 19:01

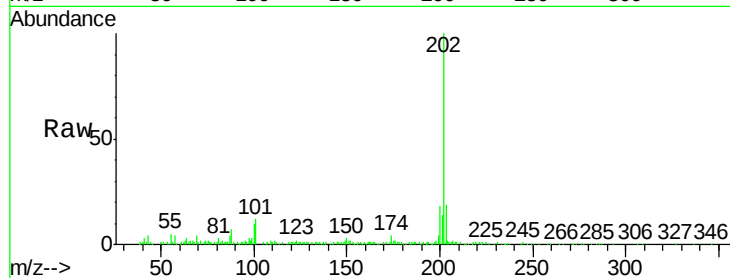
Instrument :

BNA_F

ClientSampled :

SB-8-(1-3)

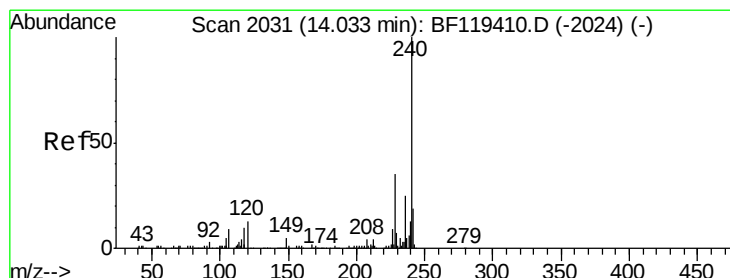
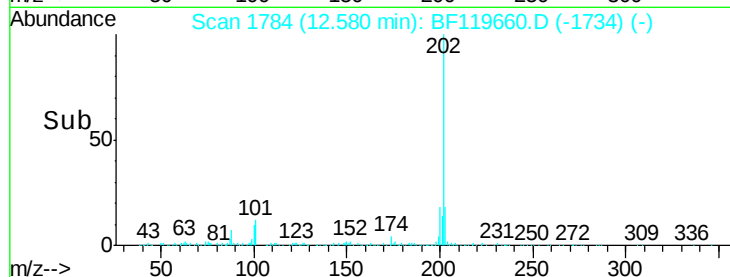
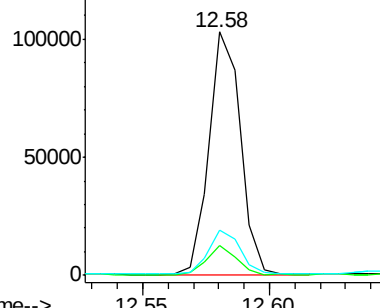
Tgt Ion:	202	Resp:	88466
Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	32.2
203	18.8	0.0	38.8



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: 20.00 ng

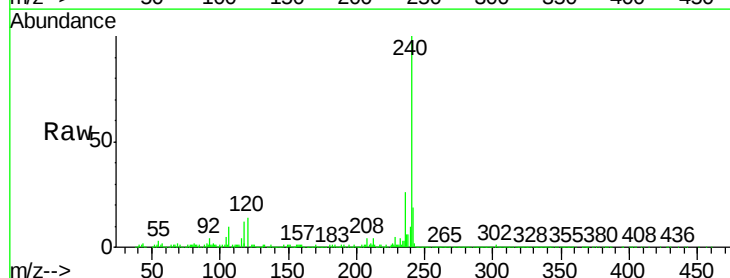
RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF119660.D

Acq: 31 Mar 2020 19:01

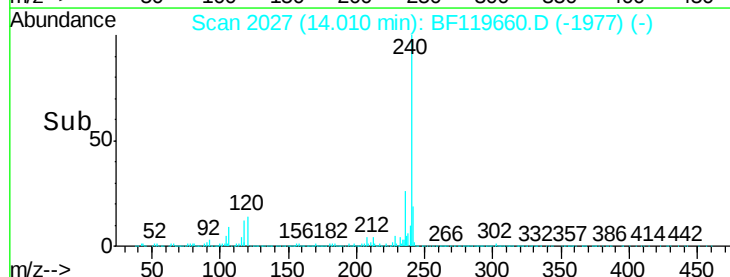
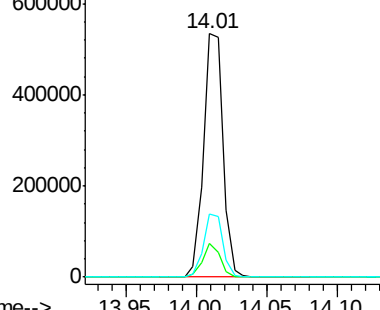
Tgt Ion:	240	Resp:	512128
Ion	Ratio	Lower	Upper
240	100		
120	14.0	10.6	15.8
236	25.9	20.2	30.2

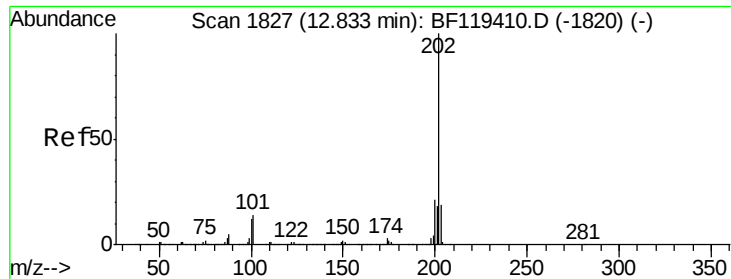


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

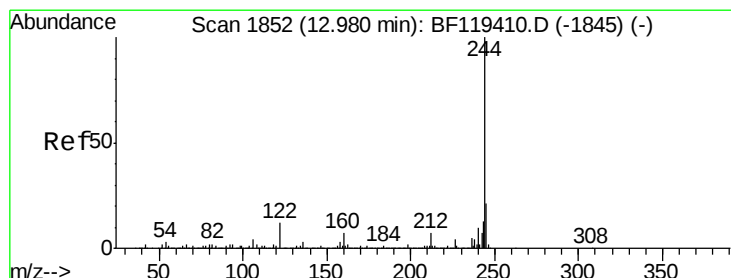
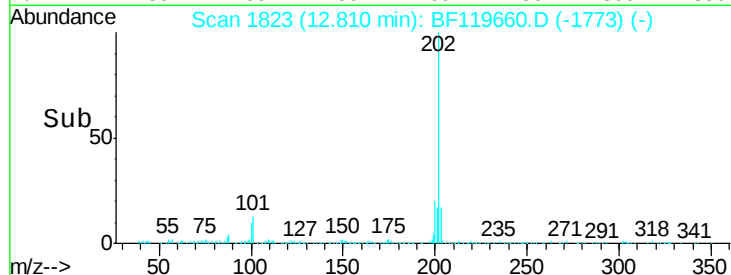
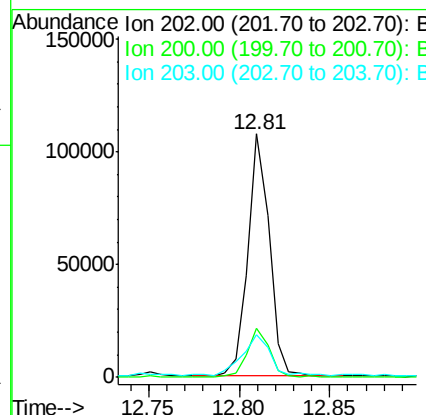
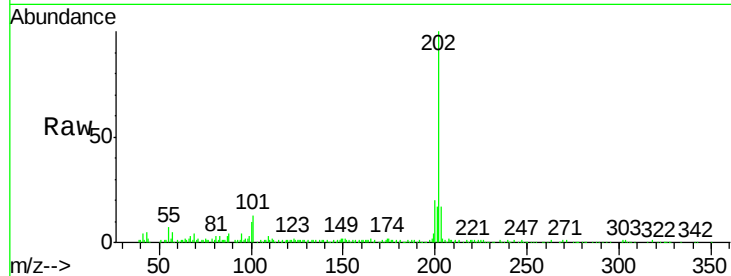




#78
 Pyrene
 Concen: 2.10 ng
 RT: 12.81 min Scan# 1823
 Delta R.T. -0.01 min
 Lab File: BF119660.D
 Acq: 31 Mar 2020 19:01

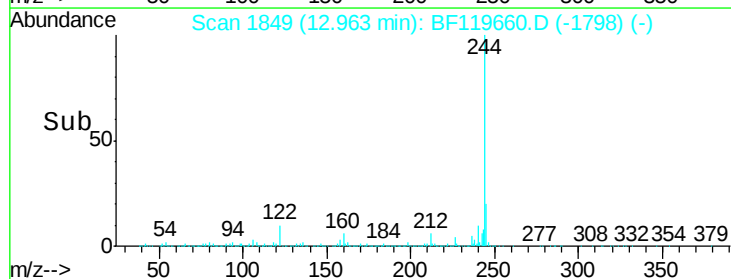
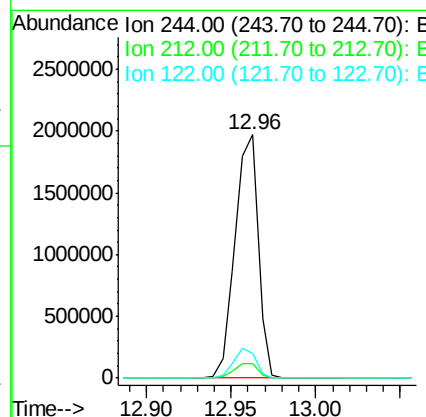
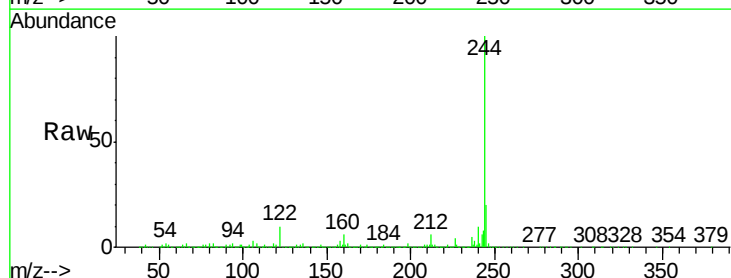
Instrument :
 BNA_F
 ClientSampleId :
 SB-8-(1-3)

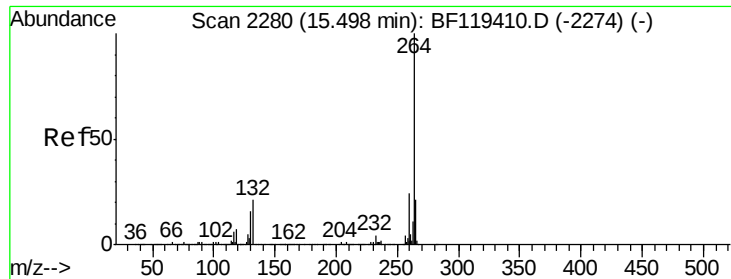
Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.0	16.8	25.2
203	17.4	15.1	22.7



#79
 Terphenyl-d14
 Concen: 71.83 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. -0.00 min
 Lab File: BF119660.D
 Acq: 31 Mar 2020 19:01

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.0	5.8	8.8
122	10.4	10.3	15.5

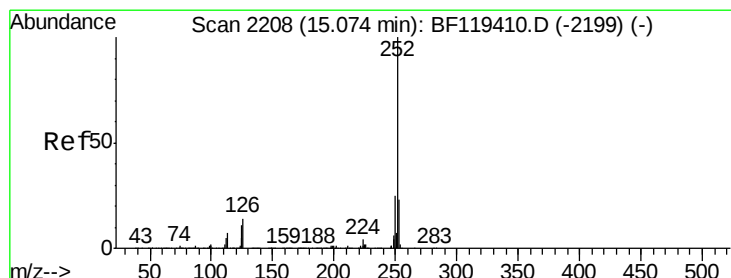
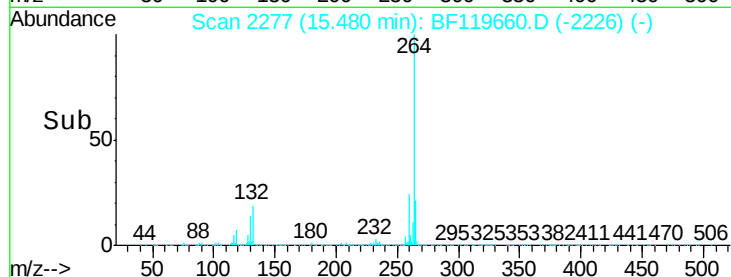
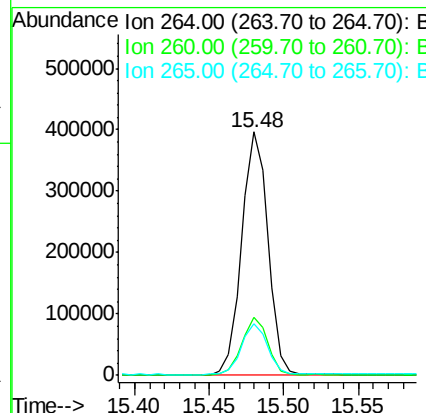
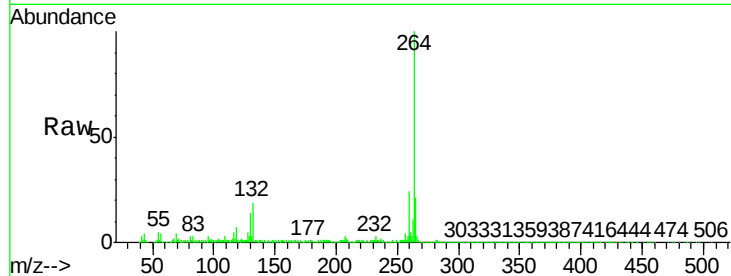




#87
Perylene-d12
Concen: 20.00 ng
RT: 15.48 min Scan# 2277
Delta R.T. -0.00 min
Lab File: BF119660.D
Acq: 31 Mar 2020 19:01

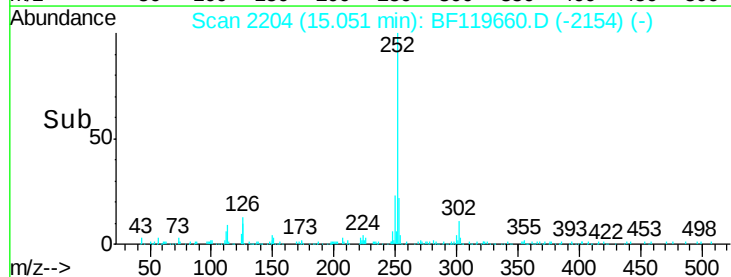
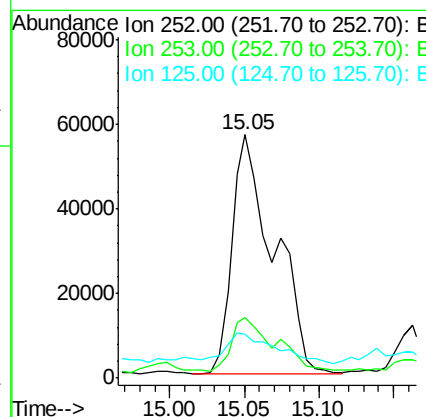
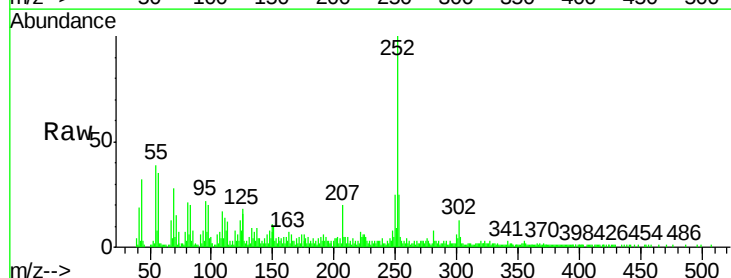
Instrument :
BNA_F
ClientSampleId :
SB-8-(1-3)

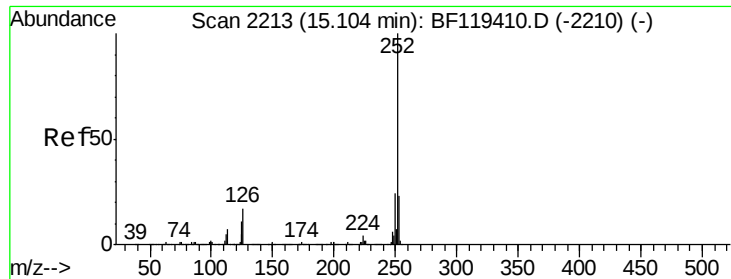
Tgt Ion:264 Resp: 485475
Ion Ratio Lower Upper
264 100
260 23.9 18.7 28.1
265 21.3 17.7 26.5



#88
Benzo(b)fluoranthene
Concen: 3.40 ng
RT: 15.05 min Scan# 2204
Delta R.T. -0.01 min
Lab File: BF119660.D
Acq: 31 Mar 2020 19:01

Tgt Ion:252 Resp: 110242
Ion Ratio Lower Upper
252 100
253 24.7 17.4 26.0
125 18.2 7.9 11.9#





#89

Benzo(k)fluoranthene

Concen: 3.57 ng

RT: 15.05 min Scan# 2204

Delta R.T. -0.04 min

Lab File: BF119660.D

Acq: 31 Mar 2020 19:01

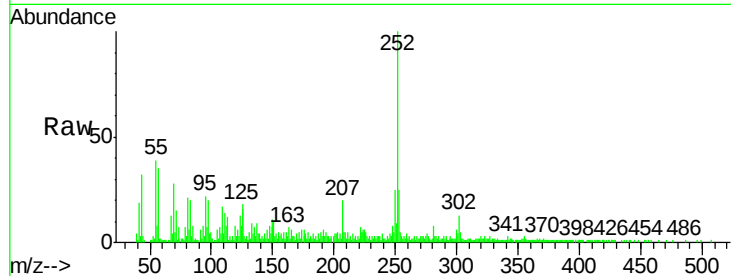
Instrument :

BNA_F

ClientSampleId :

SB-8-(1-3)

Tgt Ion:	252	Resp:	110242
Ion Ratio	Lower	Upper	
252	100		
253	24.7	17.8	26.6
125	18.2	8.4	12.6#



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

