

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031920\
 Data File : BF119462.D
 Acq On : 20 Mar 2020 2:44
 Operator : CG/JU
 Sample : L1965-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 80564952

Quant Time: Mar 20 03:53:40 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 18 15:11:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	363241	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	1319517	20.00	ng	-0.01
39) Acenaphthene-d10	9.89	164	590287	20.00	ng	-0.01
64) Phenanthrene-d10	11.38	188	939473	20.00	ng	-0.01
76) Chrysene-d12	14.02	240	761358	20.00	ng	-0.01
87) Perylene-d12	15.50	264	671832	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.46	112	1966229	86.17	ng	0.00
7) Phenol-d6	6.47	99	2429943	83.36	ng	0.00
23) Nitrobenzene-d5	7.41	82	1494134	61.54	ng	-0.01
42) 2,4,6-Tribromophenol	10.68	330	457528	75.13	ng	-0.01
45) 2-Fluorobiphenyl	9.22	172	2505262	62.88	ng	0.00
79) Terphenyl-d14	12.97	244	2251581	57.94	ng	0.00

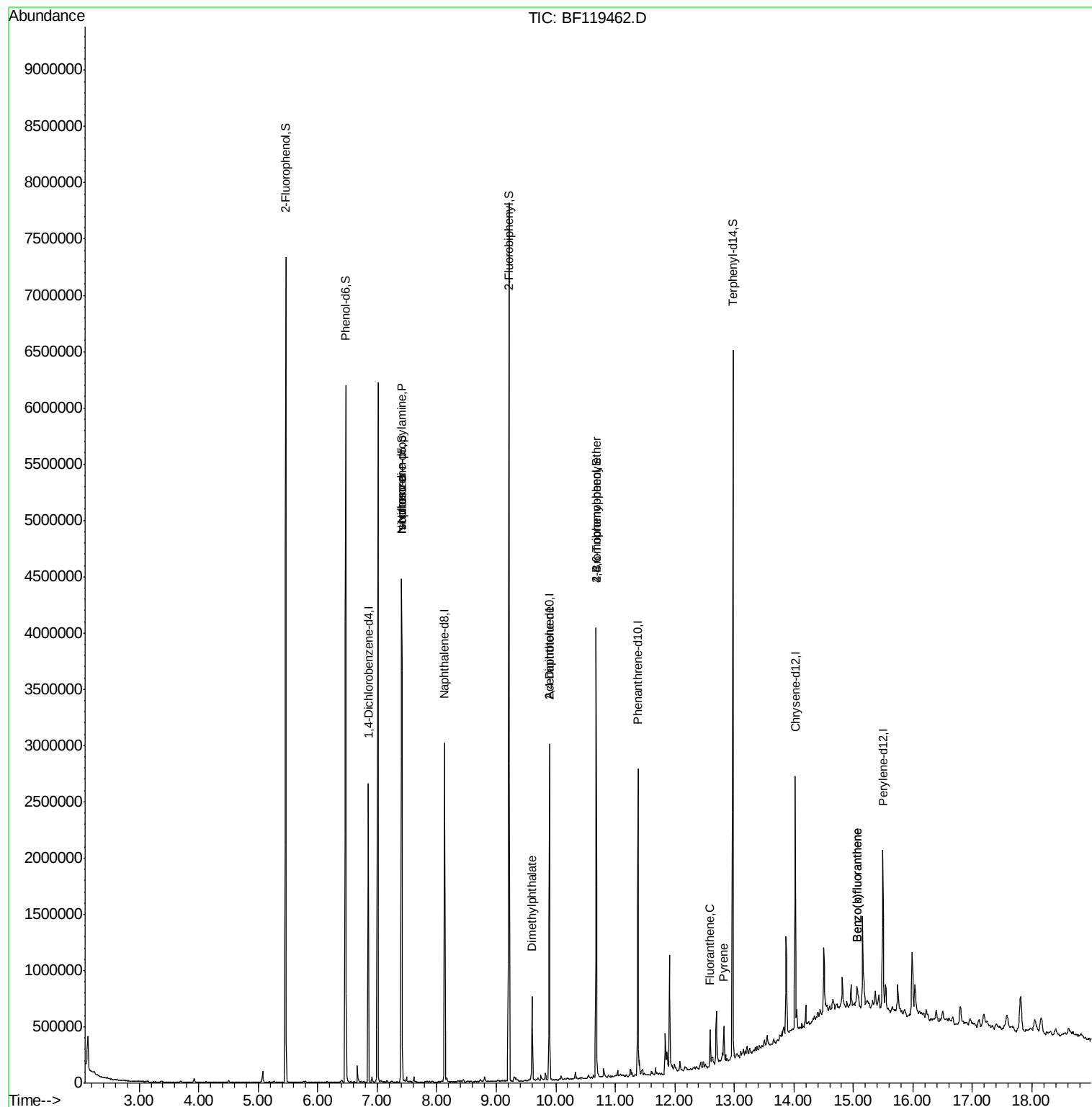
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.41	70	200143	11.39	ng	# 75
25) Isophorone	7.41	82	1494208	30.34	ng	# 66
50) Dimethylphthalate	9.60	163	265372	6.33	ng	100
57) 2,4-Dinitrotoluene	9.89	165	76252	6.74	ng	# 25
67) 4-Bromophenyl-phenylether	10.68	248	28022	2.62	ng	# 1
75) Fluoranthene	12.59	202	119372	2.26	ng	99
78) Pyrene	12.82	202	127816	2.05	ng	98
88) Benzo(b)fluoranthene	15.06	252	117503	2.62	ng	# 93
89) Benzo(k)fluoranthene	15.06	252	117503	2.75	ng	# 93

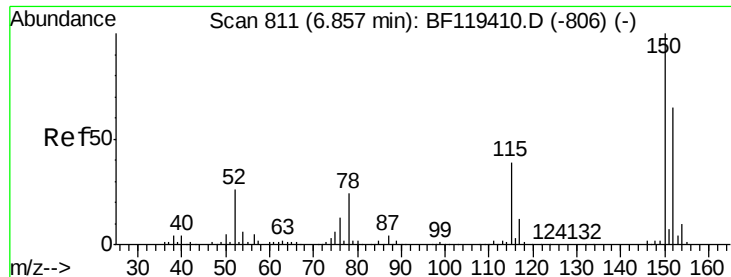
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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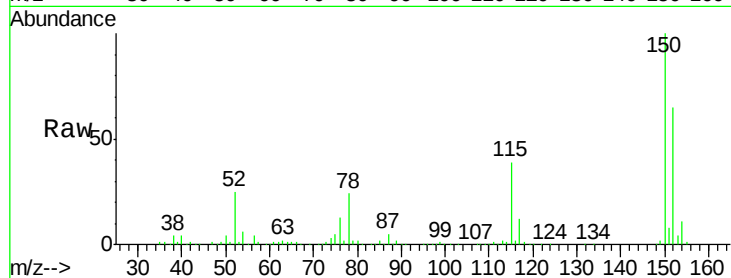




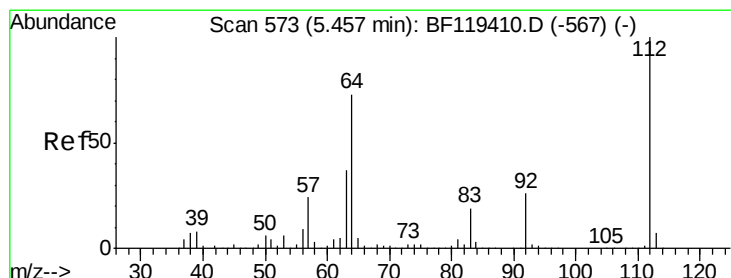
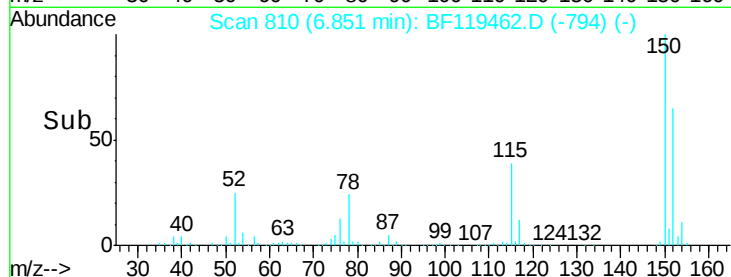
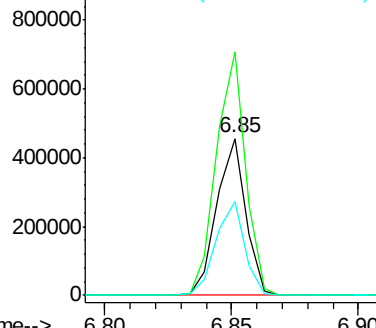
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.85 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BF119462.D
 Acq: 20 Mar 2020 2:44

Instrument :
 BNA_F
 ClientSampleId :
 80564952

Tgt Ion:152 Resp: 363241
 Ion Ratio Lower Upper
 152 100
 150 154.9 123.9 185.9
 115 59.9 47.8 71.6

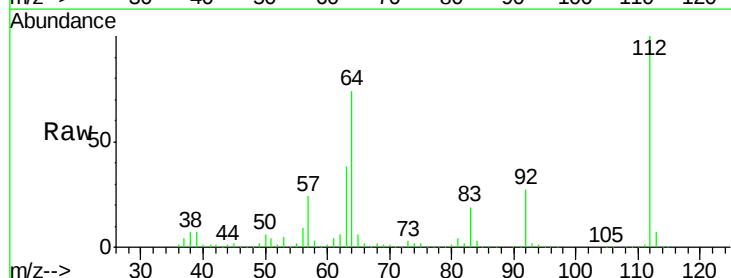


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

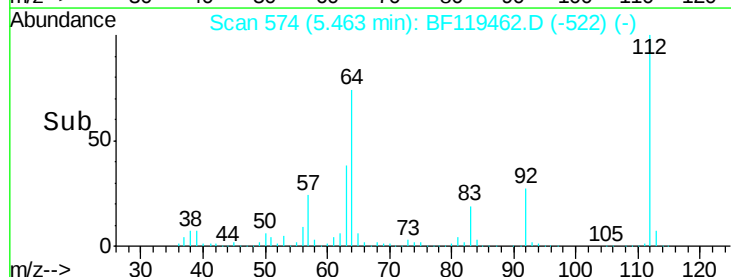
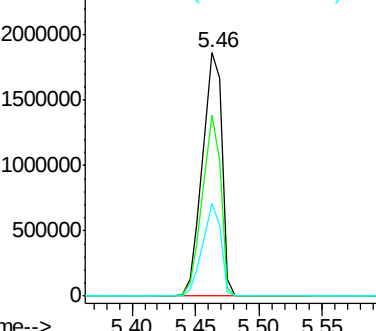


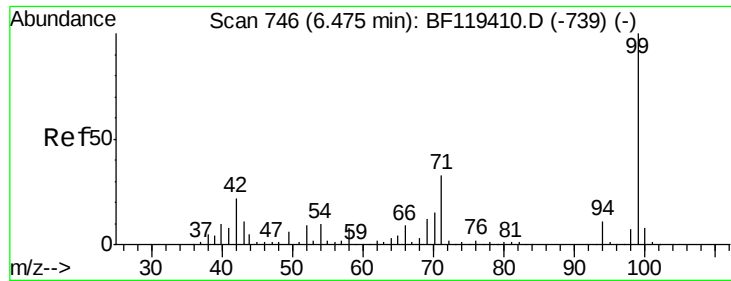
#5
 2-Fluorophenol
 Concen: 86.17 ng
 RT: 5.46 min Scan# 574
 Delta R.T. 0.01 min
 Lab File: BF119462.D
 Acq: 20 Mar 2020 2:44

Tgt Ion:112 Resp: 1966229
 Ion Ratio Lower Upper
 112 100
 64 74.1 58.1 87.1
 63 38.1 29.7 44.5



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: 83.36 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.00 min

Lab File: BF119462.D

Acq: 20 Mar 2020 2:44

Instrument :

BNA_F

ClientSampled :

80564952

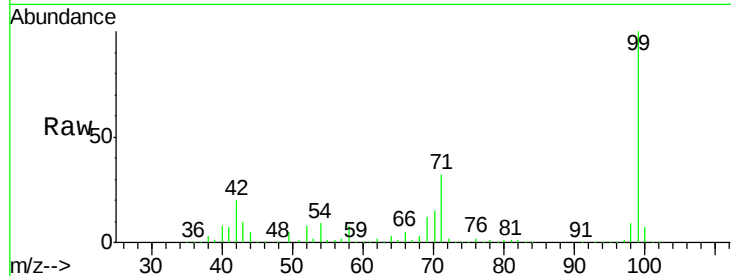
Tgt Ion: 99 Resp: 2429943

Ion Ratio Lower Upper

99 100

42 20.2 17.8 26.6

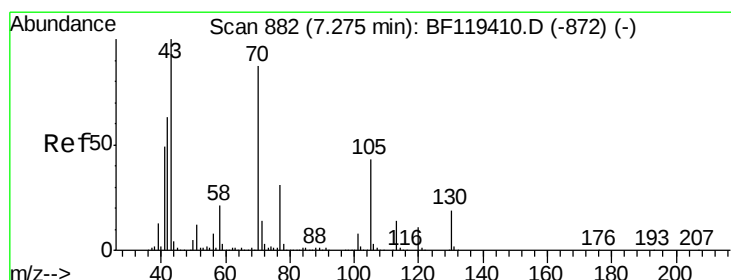
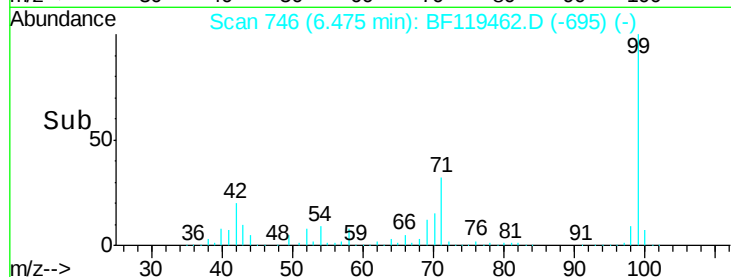
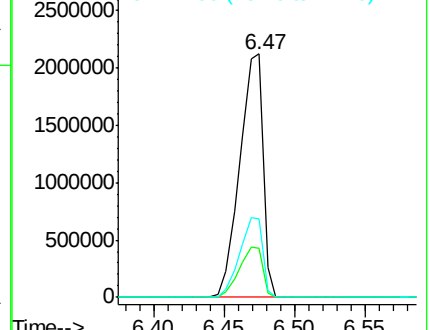
71 32.4 26.0 39.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 11.39 ng

RT: 7.41 min Scan# 905

Delta R.T. 0.14 min

Lab File: BF119462.D

Acq: 20 Mar 2020 2:44

Tgt Ion: 70 Resp: 200143

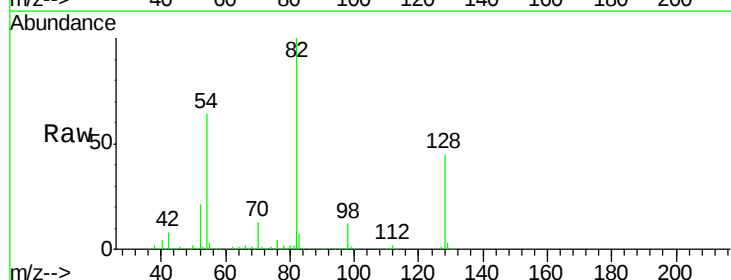
Ion Ratio Lower Upper

70 100

42 56.8 58.2 87.4#

101 0.0 7.4 11.2#

130 2.2 17.8 26.8#

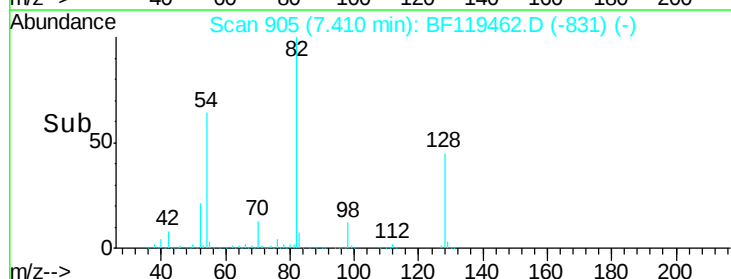
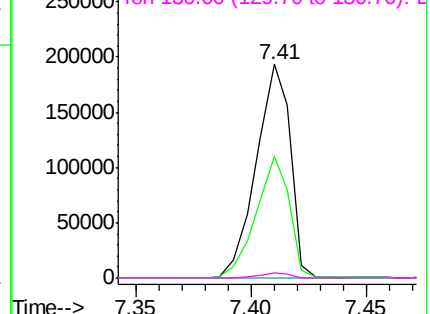


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BF119462.D

Acq: 20 Mar 2020 2:44

Instrument :

BNA_F

ClientSampleId :

80564952

Tgt Ion:136 Resp: 1319517

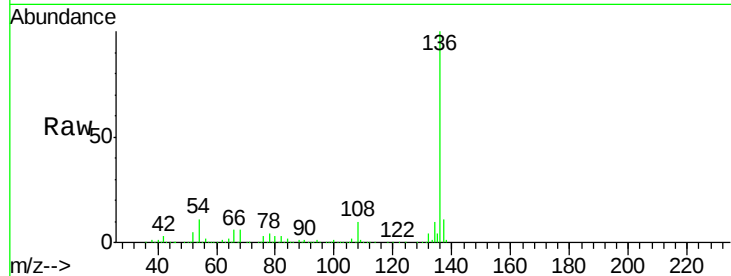
Ion Ratio Lower Upper

136 100

137 11.0 8.4 12.6

54 11.4 8.3 12.5

68 6.2 4.9 7.3

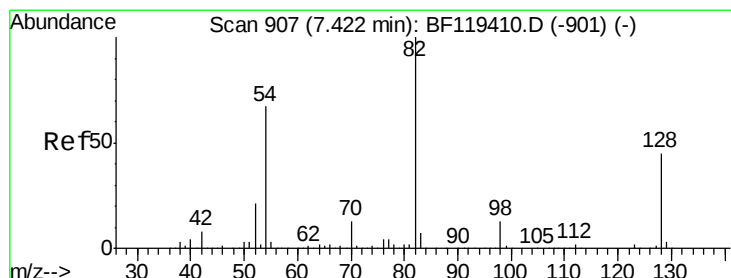
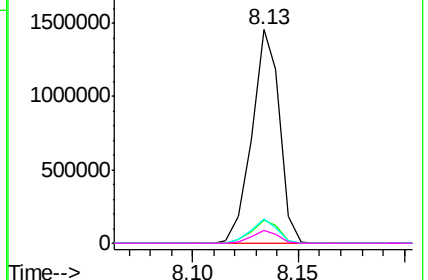
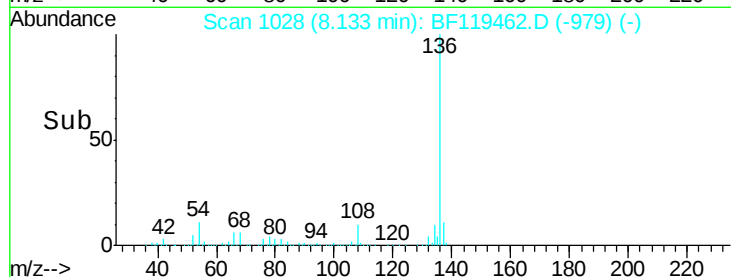


Abundance Ion 136.00 (135.70 to 136.70): E

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: 61.54 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.01 min

Lab File: BF119462.D

Acq: 20 Mar 2020 2:44

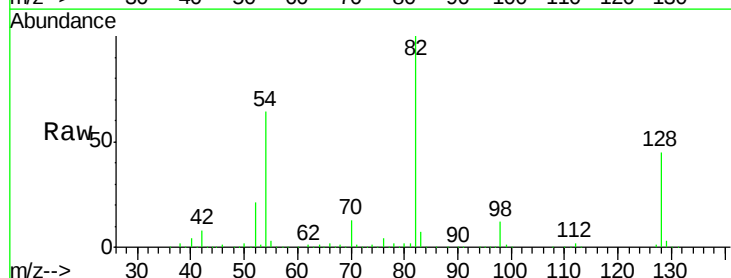
Tgt Ion: 82 Resp: 1494134

Ion Ratio Lower Upper

82 100

128 45.2 35.8 53.8

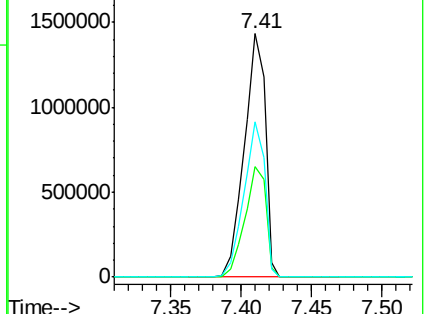
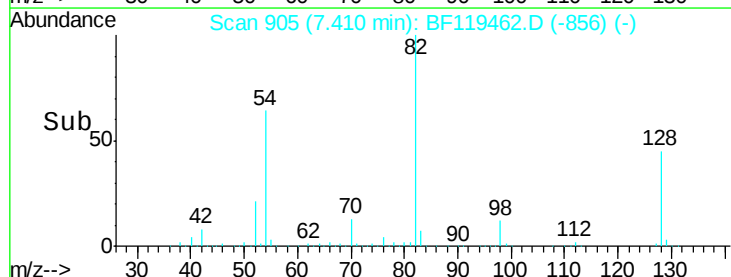
54 63.9 53.4 80.0



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: 30.34 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.27 min

Lab File: BF119462.D

Acq: 20 Mar 2020 2:44

Instrument :

BNA_F

ClientSampleId :

80564952

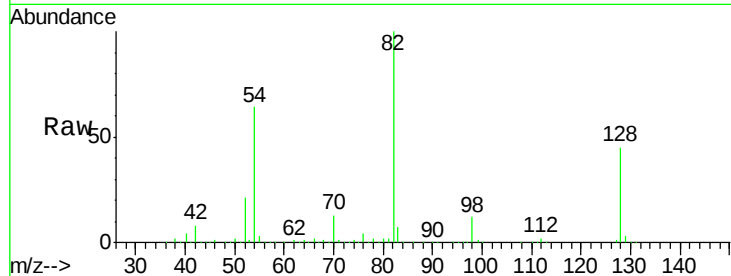
Tgt Ion: 82 Resp: 1494208

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

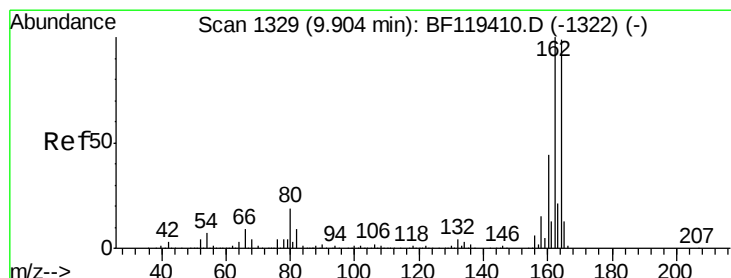
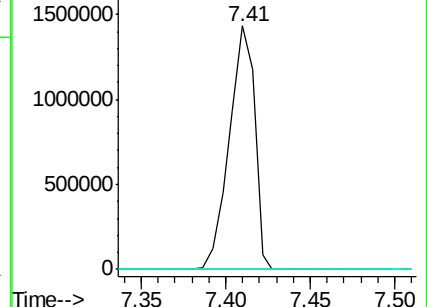
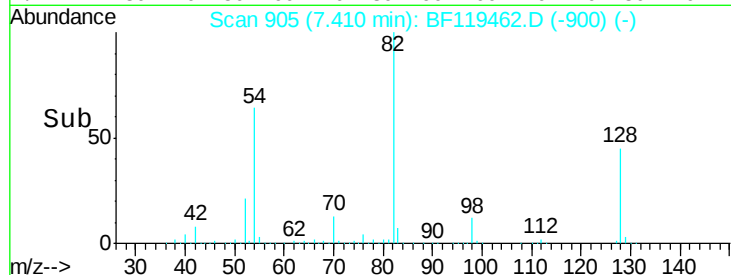
138 0.0 13.8 20.8#



Abundance Ion 82.00 (81.70 to 82.70): BF119462.D (-900) (-)

Ion 95.00 (94.70 to 95.70): BF119462.D (-900) (-)

Ion 138.00 (137.70 to 138.70): BF119462.D (-900) (-)



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.89 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF119462.D

Acq: 20 Mar 2020 2:44

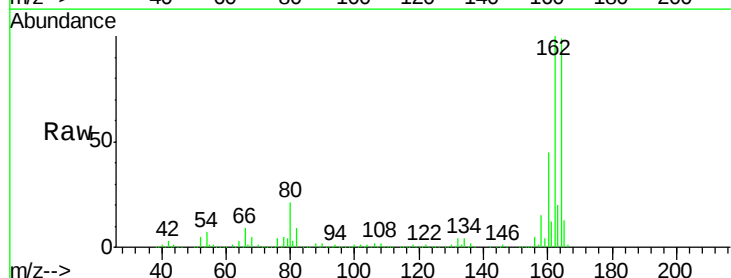
Tgt Ion: 164 Resp: 590287

Ion Ratio Lower Upper

164 100

162 101.3 80.7 121.1

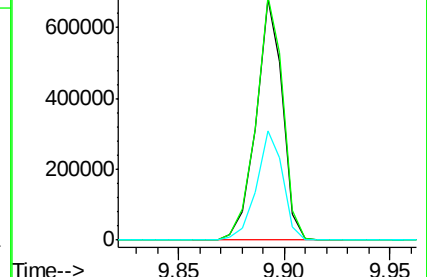
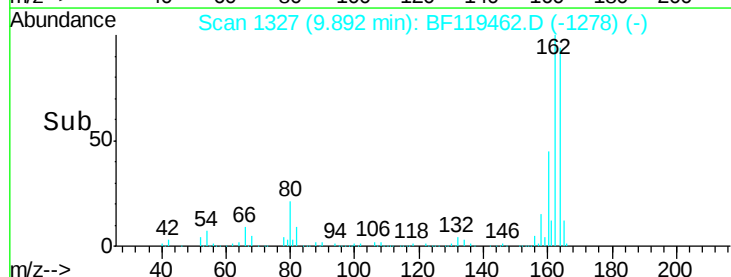
160 45.6 35.5 53.3

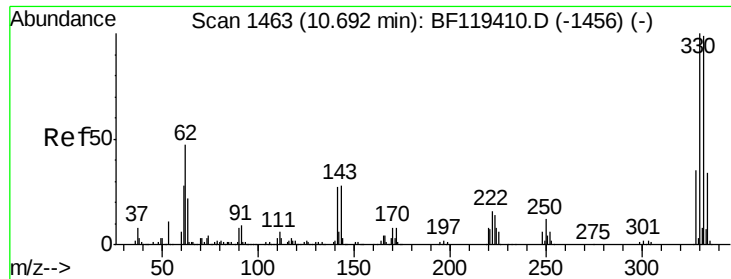


Abundance Ion 164.00 (163.70 to 164.70): BF119462.D (-1278) (-)

Ion 162.00 (161.70 to 162.70): BF119462.D (-1278) (-)

Ion 160.00 (159.70 to 160.70): BF119462.D (-1278) (-)

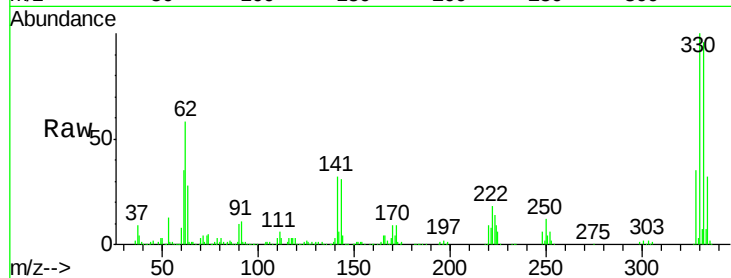




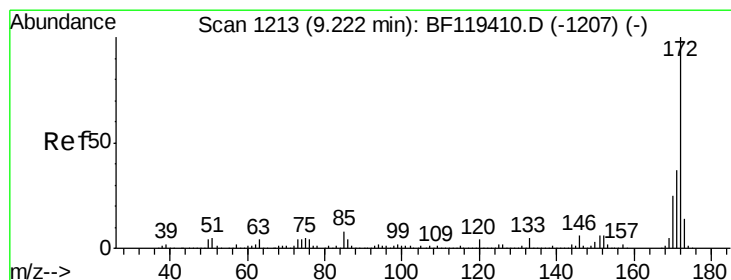
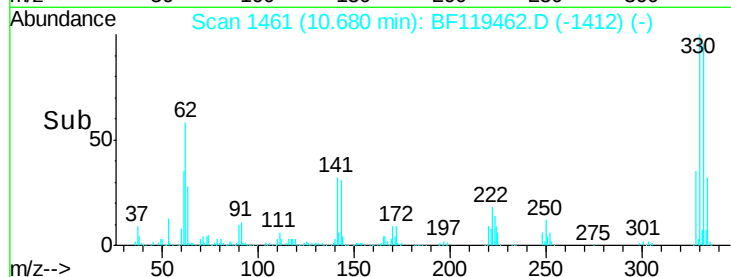
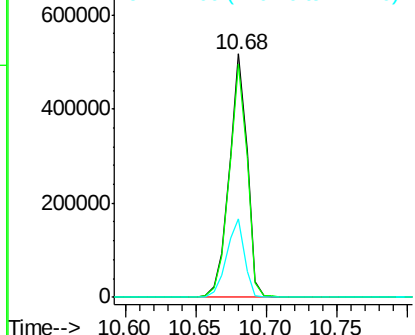
#42
 2,4,6-Tribromophenol
 Concen: 75.13 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: BF119462.D
 Acq: 20 Mar 2020 2:44

Instrument :
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 80564952

Tgt Ion:330 Resp: 457528
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.6 116.4
 141 32.4 26.6 40.0

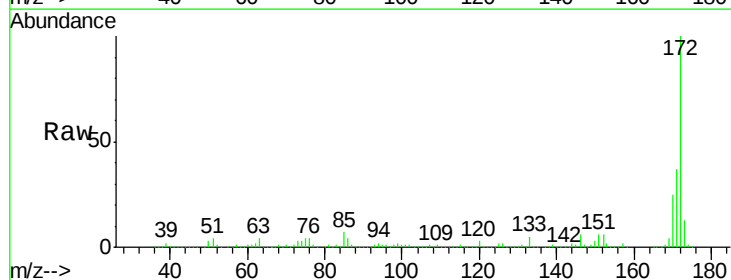


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

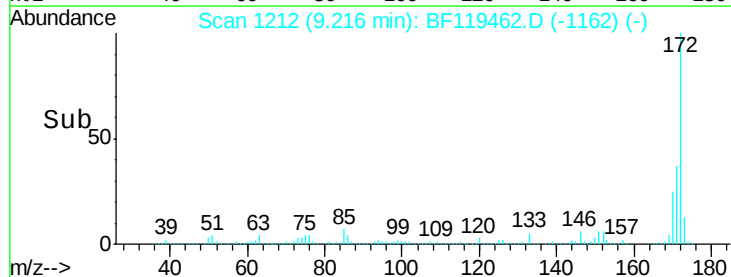
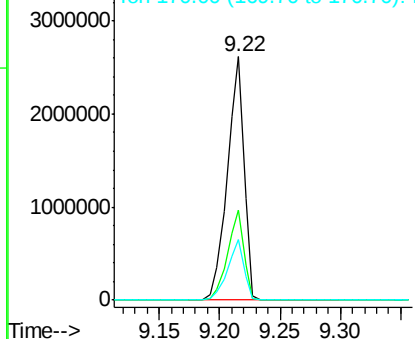


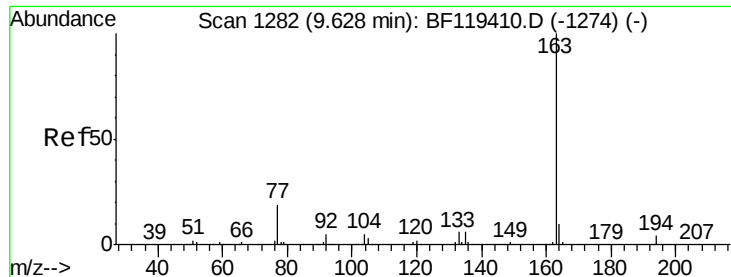
#45
 2-Fluorobiphenyl
 Concen: 62.88 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF119462.D
 Acq: 20 Mar 2020 2:44

Tgt Ion:172 Resp: 2505262
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.9 44.9
 170 24.7 20.1 30.1



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

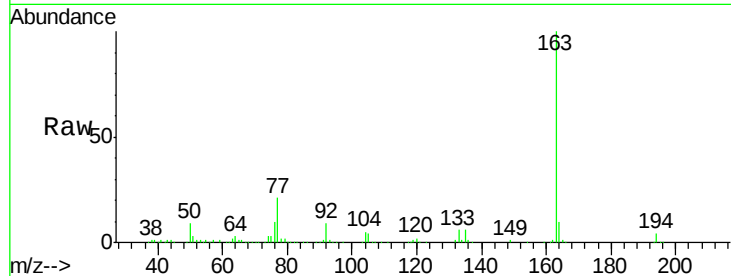




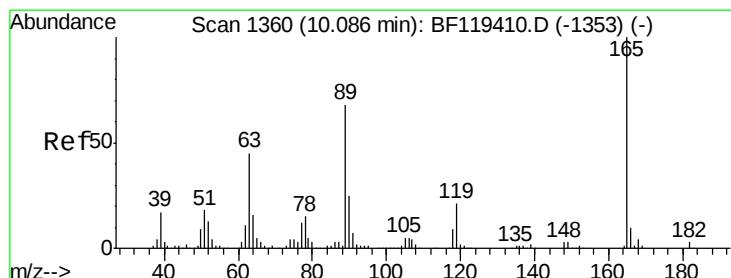
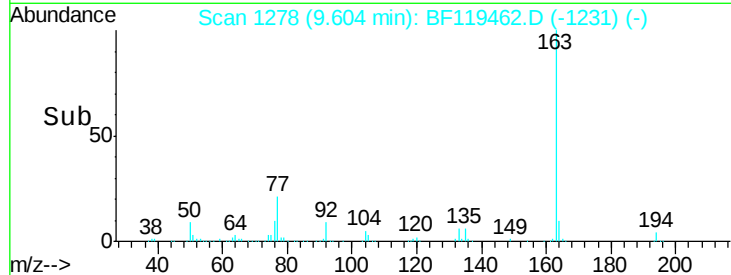
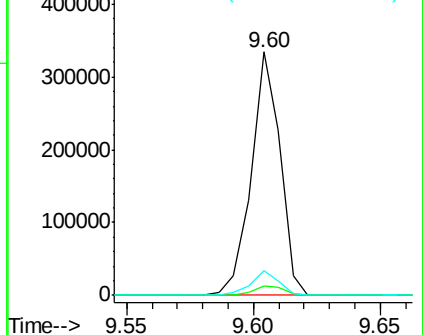
#50
Dimethylphthalate
Concen: 6.33 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.02 min
Lab File: BF119462.D
Acq: 20 Mar 2020 2:44

Instrument :
BNA_F
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80564952

Tgt Ion:	163	Resp:	265372
Ion Ratio	Lower	Upper	
163	100		
194	3.8	3.2	4.8
164	10.2	8.1	12.1

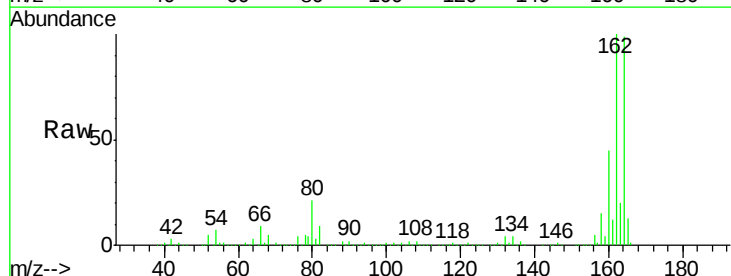


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

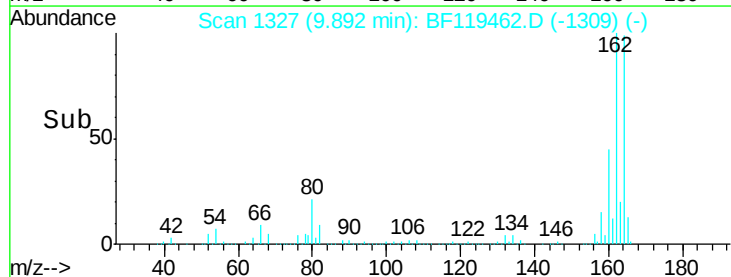
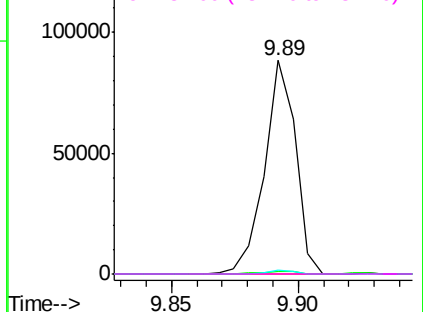


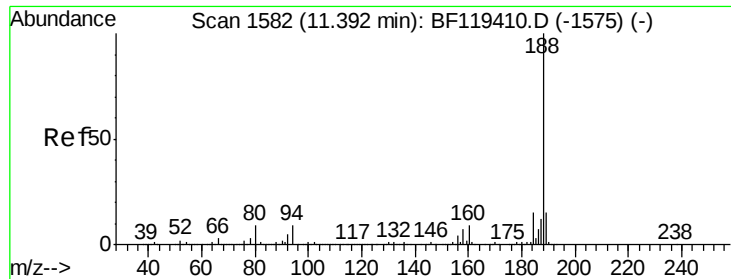
#57
2,4-Dinitrotoluene
Concen: 6.74 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.19 min
Lab File: BF119462.D
Acq: 20 Mar 2020 2:44

Tgt Ion:	165	Resp:	76252
Ion Ratio	Lower	Upper	
165	100		
63	1.1	36.2	54.4#
89	1.6	54.3	81.5#
182	0.0	2.0	3.0#



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: 11.38 min Scan# 1580

Delta R.T. -0.01 min

Lab File: BF119462.D

Acq: 20 Mar 2020 2:44

Instrument :

BNA_F

ClientSampleId :

80564952

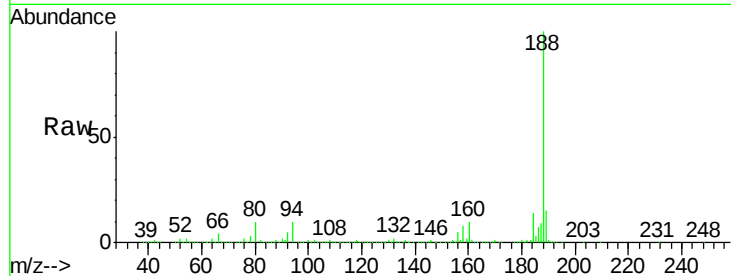
Tgt Ion:188 Resp: 939473

Ion Ratio Lower Upper

188 100

94 10.1 7.1 10.7

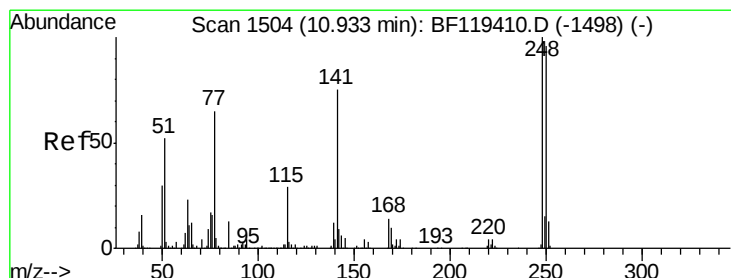
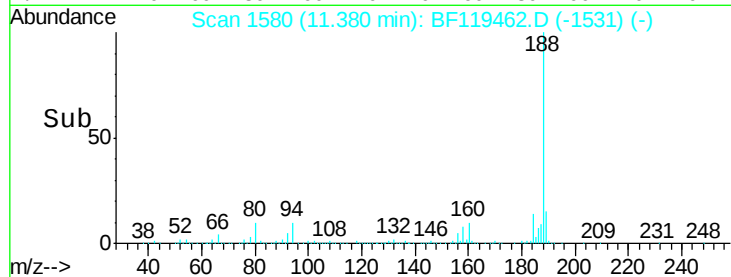
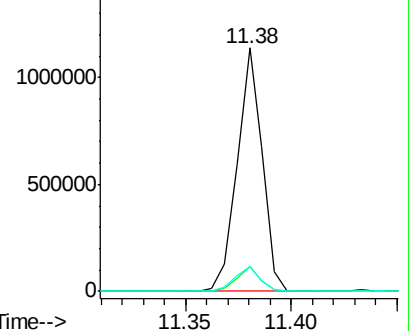
80 10.0 7.5 11.3



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: 2.62 ng

RT: 10.68 min Scan# 1461

Delta R.T. -0.25 min

Lab File: BF119462.D

Acq: 20 Mar 2020 2:44

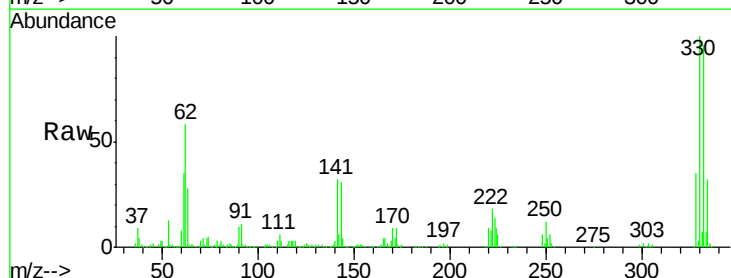
Tgt Ion:248 Resp: 28022

Ion Ratio Lower Upper

248 100

250 203.5 77.0 115.6#

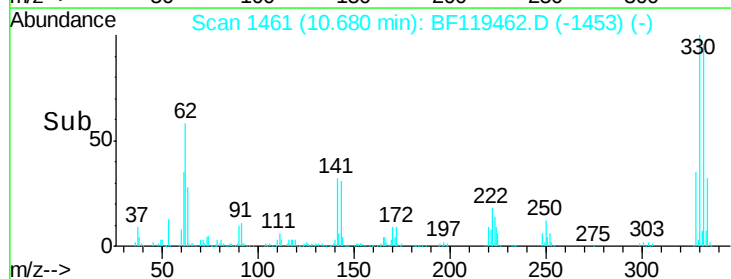
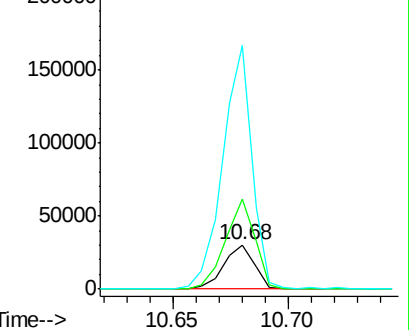
141 549.1 59.7 89.5#

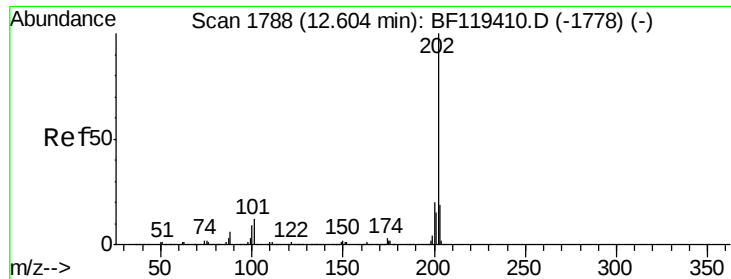


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Fluoranthene

Concen: 2.26 ng

RT: 12.59 min Scan# 1786

Delta R.T. -0.01 min

Lab File: BF119462.D

Acq: 20 Mar 2020 2:44

Instrument :

BNA_F

ClientSampleId :

80564952

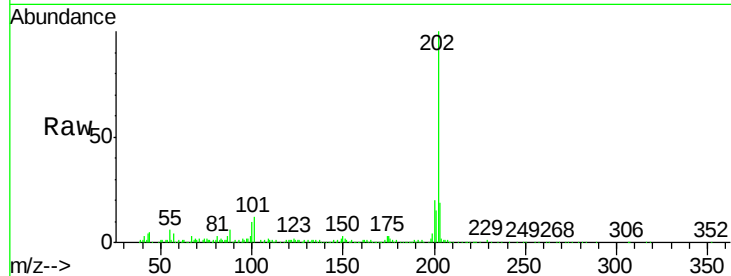
Tgt Ion:202 Resp: 119372

Ion Ratio Lower Upper

202 100

101 11.7 0.0 32.4

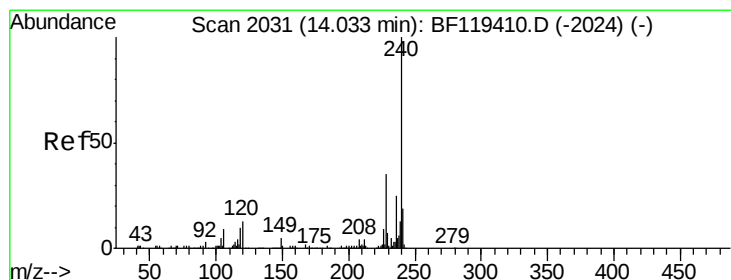
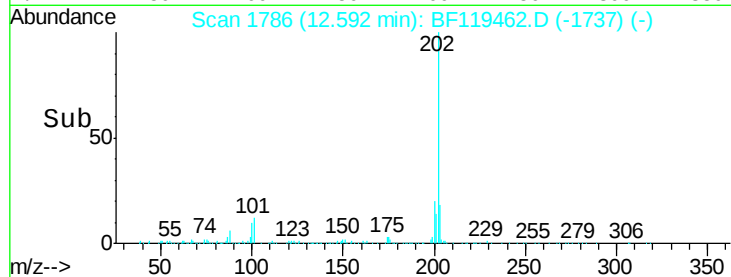
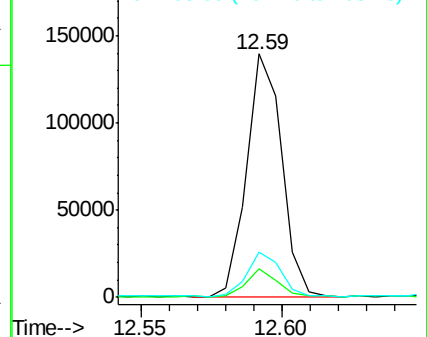
203 18.6 0.0 38.5



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: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF119462.D

Acq: 20 Mar 2020 2:44

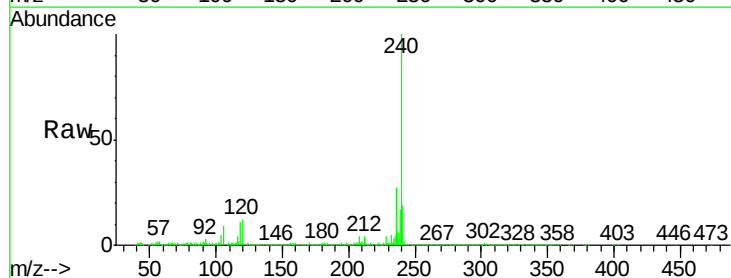
Tgt Ion:240 Resp: 761358

Ion Ratio Lower Upper

240 100

120 12.5 10.2 15.4

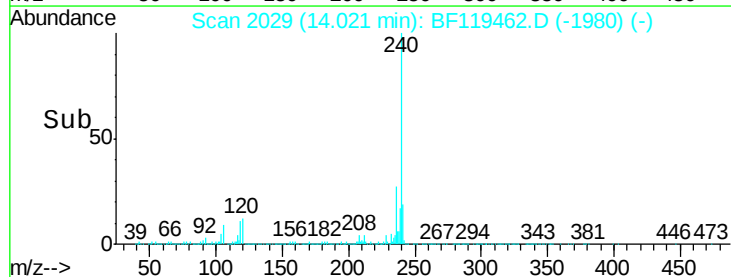
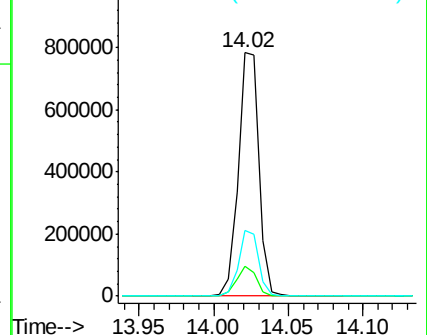
236 26.8 20.4 30.6

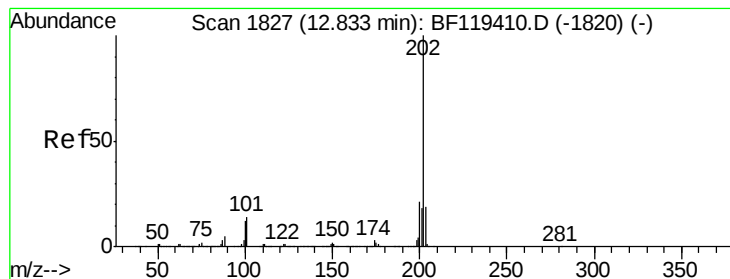


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pyrene

Concen: 2.05 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF119462.D

Acq: 20 Mar 2020 2:44

Instrument :

BNA_F

ClientSampleId :

80564952

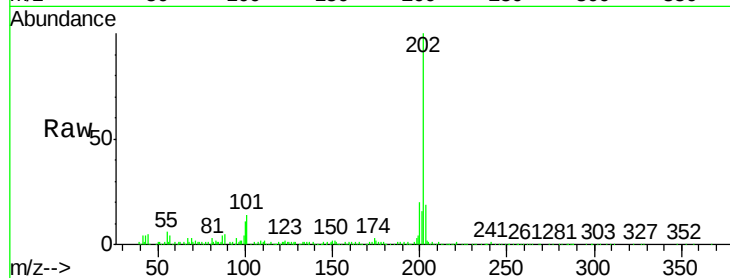
Tgt Ion: 202 Resp: 127816

Ion Ratio Lower Upper

202 100

200 20.2 16.8 25.2

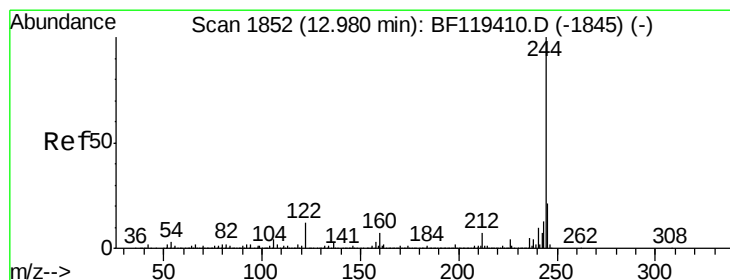
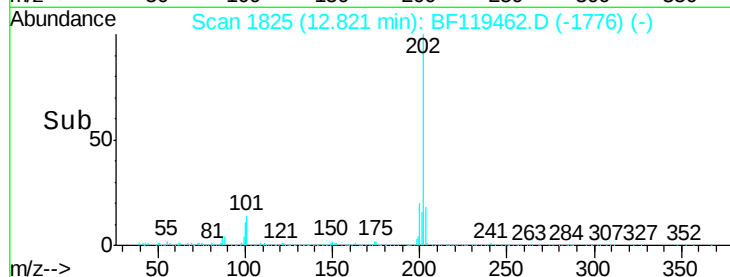
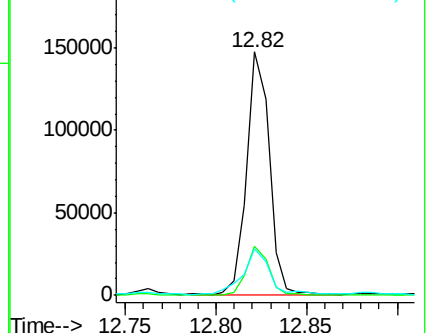
203 19.1 14.8 22.2



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: 57.94 ng

RT: 12.97 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BF119462.D

Acq: 20 Mar 2020 2:44

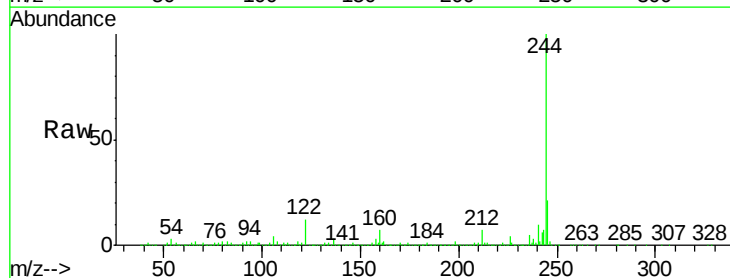
Tgt Ion: 244 Resp: 2251581

Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

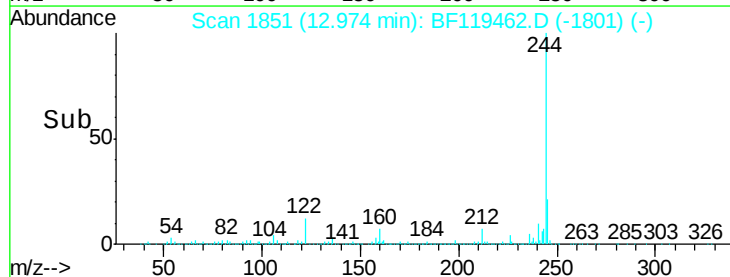
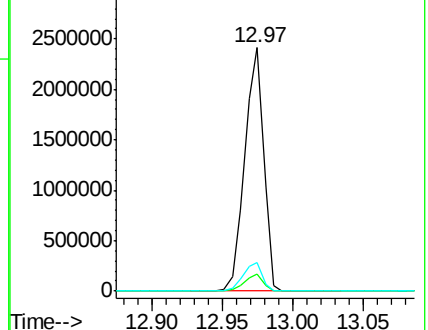
122 11.7 9.8 14.8

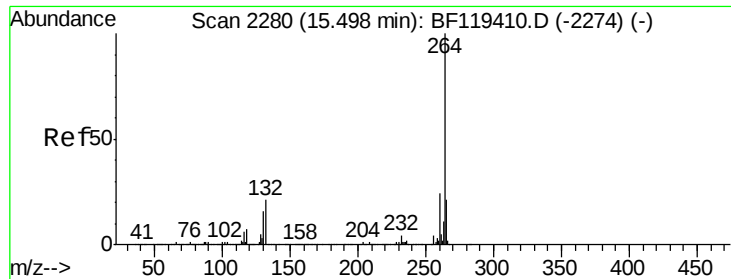


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

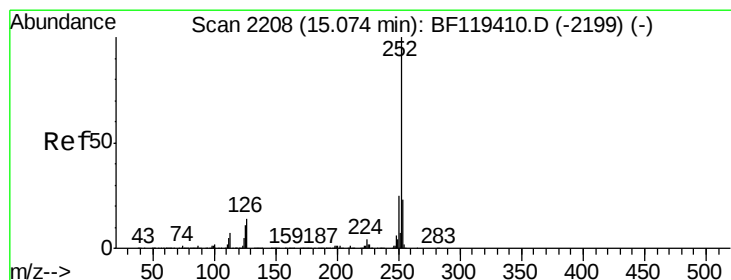
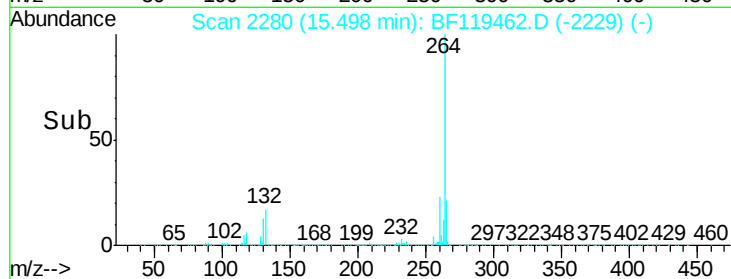
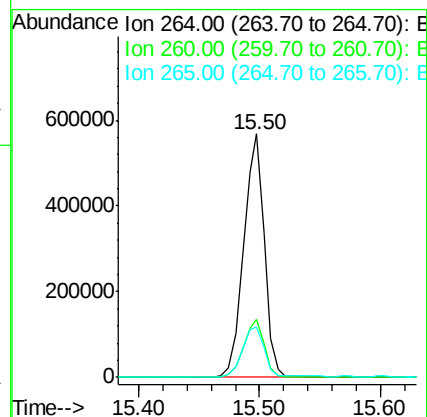
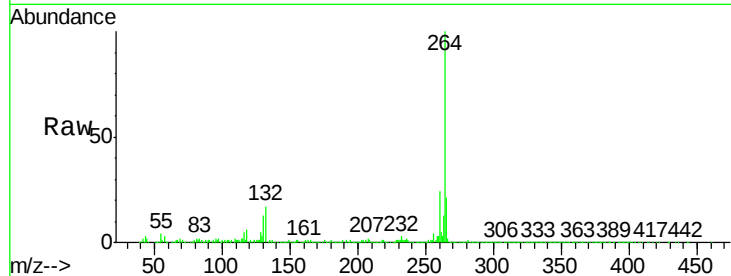




#87
Perylene-d12
Concen: 20.00 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.00 min
Lab File: BF119462.D
Acq: 20 Mar 2020 2:44

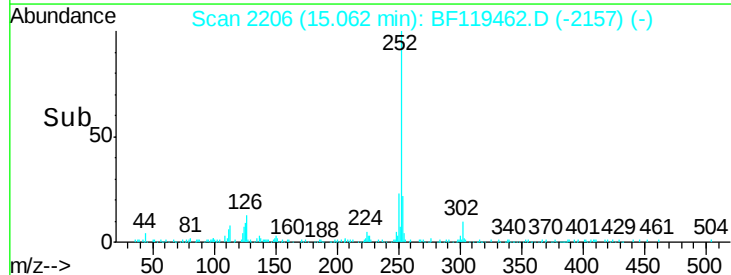
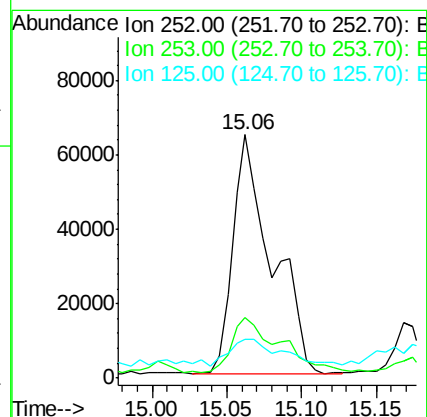
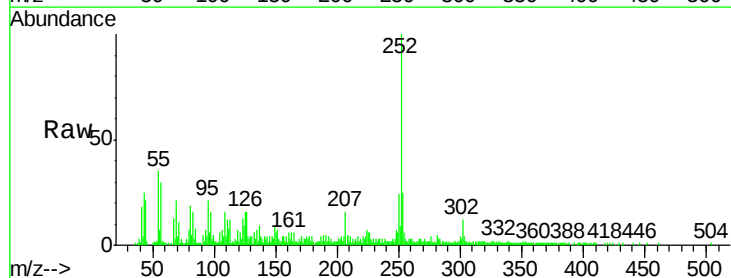
Instrument :
BNA_F
ClientSampleId :
80564952

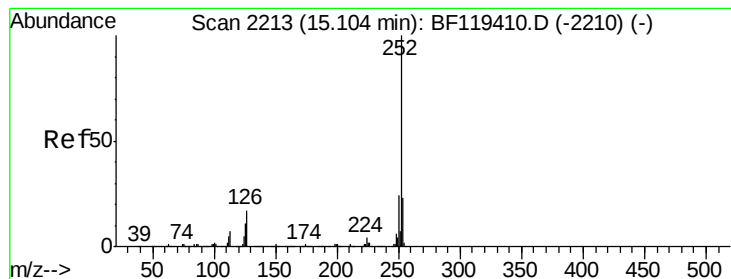
Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	20.8	16.9	25.3



#88
Benzo(b)fluoranthene
Concen: 2.62 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BF119462.D
Acq: 20 Mar 2020 2:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.0	18.2	27.4
125	16.0	8.8	13.2





#89

Benzo(k)fluoranthene

Concen: 2.75 ng

RT: 15.06 min Scan# 2206

Delta R.T. -0.04 min

Lab File: BF119462.D

Acq: 20 Mar 2020 2:44

Instrument :

BNA_F

ClientSampleId :

80564952

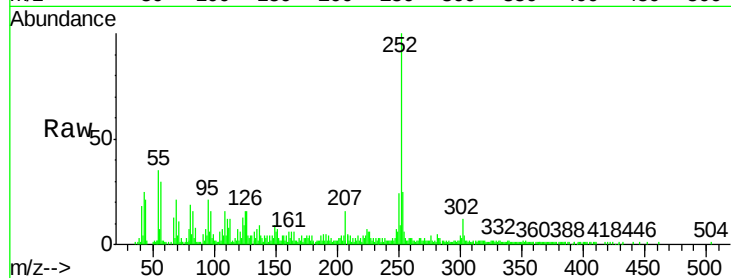
Tgt Ion: 252 Resp: 117503

Ion Ratio Lower Upper

252 100

253 25.0 18.2 27.4

125 16.0 9.0 13.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

