

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032020\
 Data File : BF119474.D
 Acq On : 20 Mar 2020 16:13
 Operator : CG/JU
 Sample : PB127713TB
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB127713TB

Quant Time: Mar 20 22:52:16 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

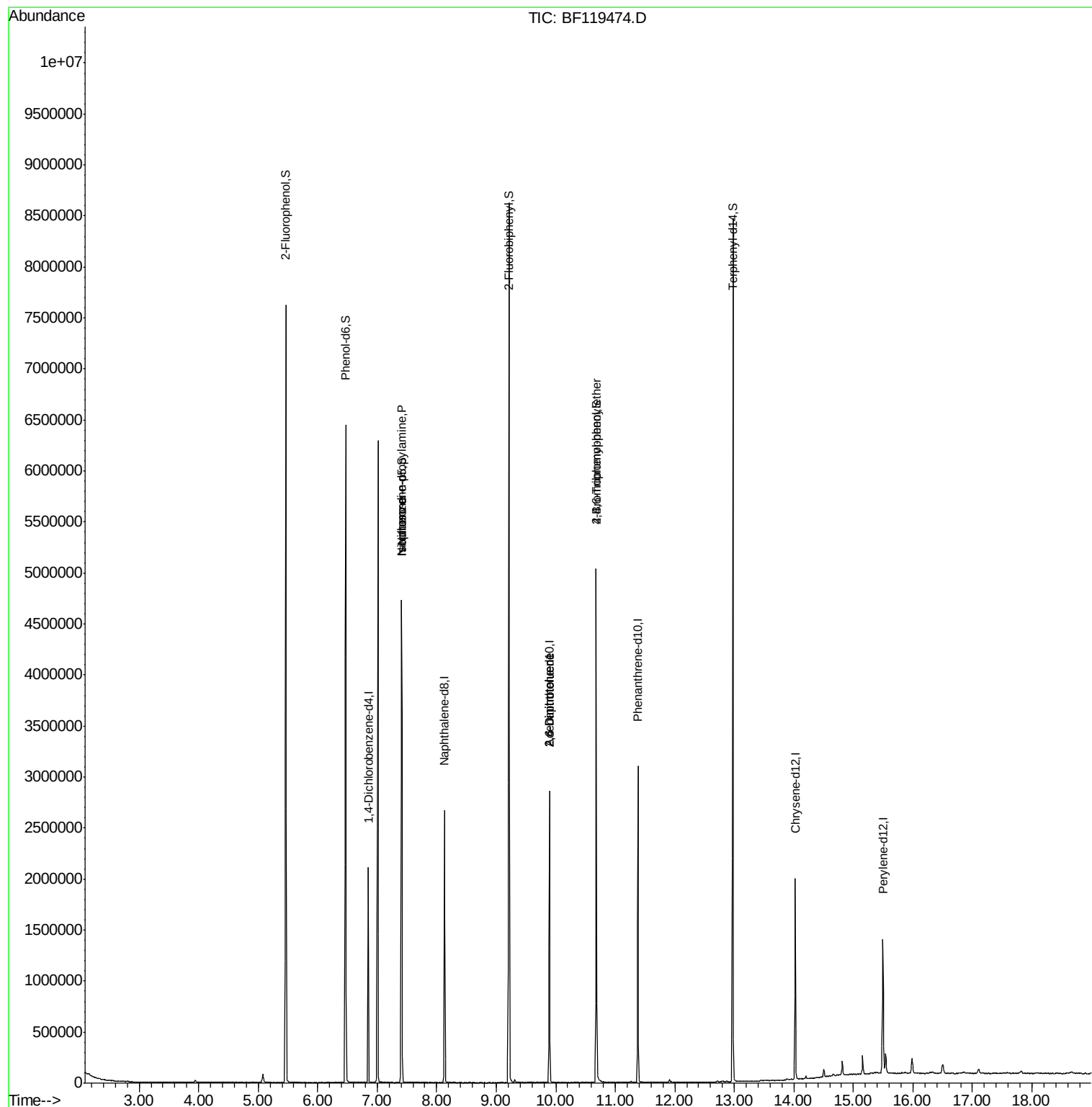
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	293878	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	1125161	20.00	ng	-0.01
39) Acenaphthene-d10	9.89	164	590131	20.00	ng	-0.01
64) Phenanthrene-d10	11.38	188	1096863	20.00	ng	-0.01
76) Chrysene-d12	14.02	240	652600	20.00	ng	-0.01
87) Perylene-d12	15.50	264	638619	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1960564	106.20	ng	0.01
7) Phenol-d6	6.47	99	2446599	103.75	ng	0.00
23) Nitrobenzene-d5	7.41	82	1538675	74.32	ng	-0.01
42) 2,4,6-Tribromophenol	10.69	330	633652	104.08	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	2781278	69.82	ng	0.00
79) Terphenyl-d14	12.97	244	3044387	91.40	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.41	70	207995	14.63	ng	# 73
25) Isophorone	7.41	82	1535733	36.57	ng	# 66
51) 2,6-Dinitrotoluene	9.89	165	75213	8.37	ng	# 18
57) 2,4-Dinitrotoluene	9.89	165	75213	6.65	ng	# 25
67) 4-Bromophenyl-phenylether	10.68	248	39288	3.15	ng	# 1

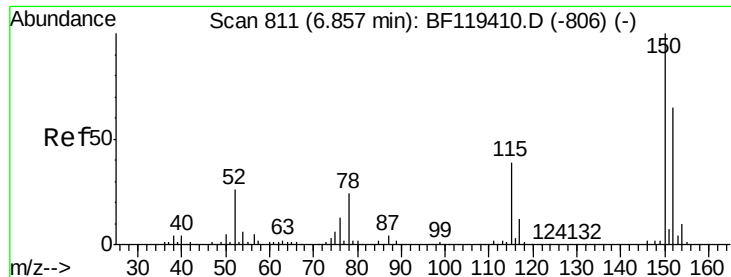
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF119474.D

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BNA_F

ClientSampleId :

PB127713TB

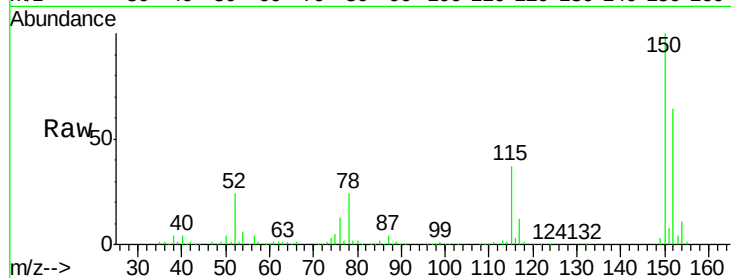
Tgt Ion:152 Resp: 293878

Ion Ratio Lower Upper

152 100

150 156.1 123.9 185.9

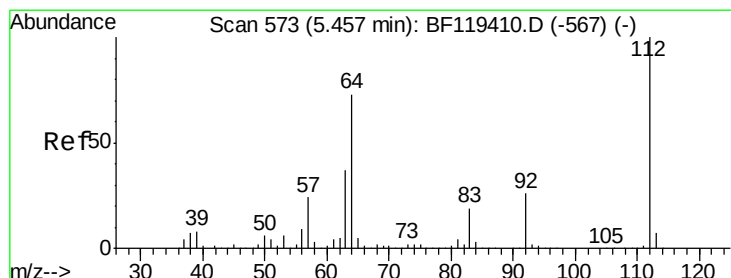
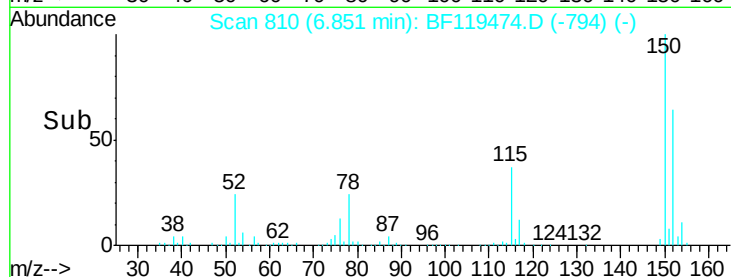
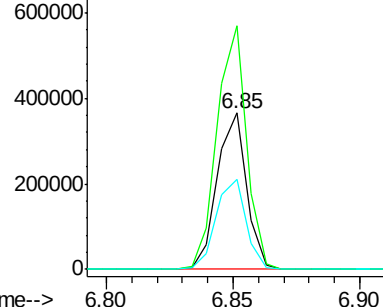
115 57.4 47.8 71.6



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: 106.20 ng

RT: 5.47 min Scan# 575

Delta R.T. 0.01 min

Lab File: BF119474.D

Acq: 20 Mar 2020 16:13

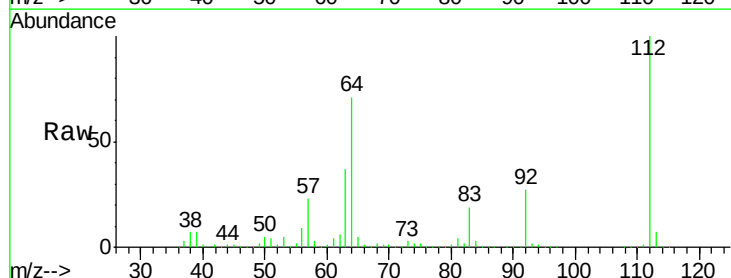
Tgt Ion:112 Resp: 1960564

Ion Ratio Lower Upper

112 100

64 71.3 58.1 87.1

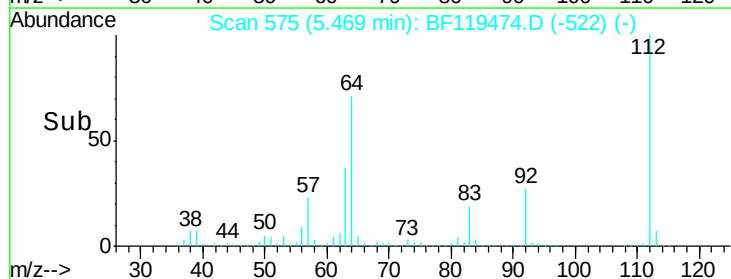
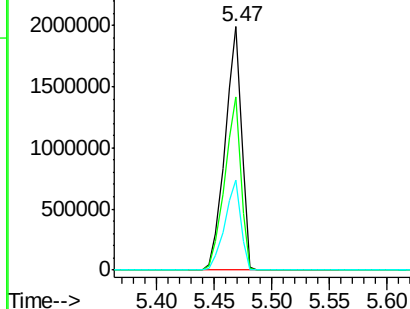
63 36.8 29.7 44.5

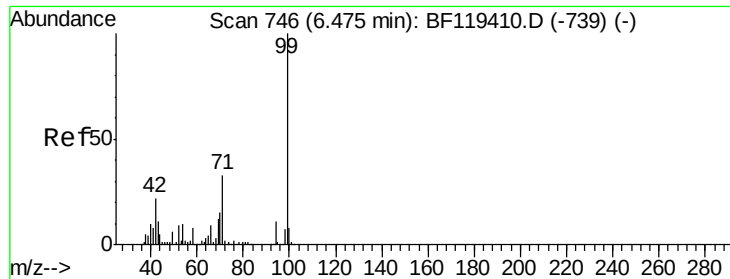


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 103.75 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF119474.D

Acq: 20 Mar 2020 16:13

Instrument :

BNA_F

ClientSampleID :

PB127713TB

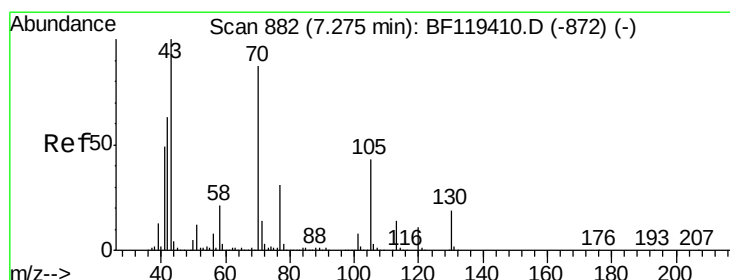
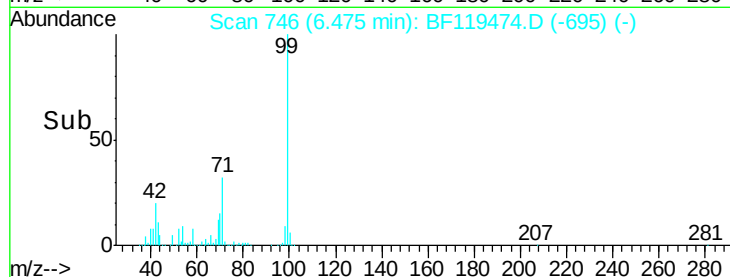
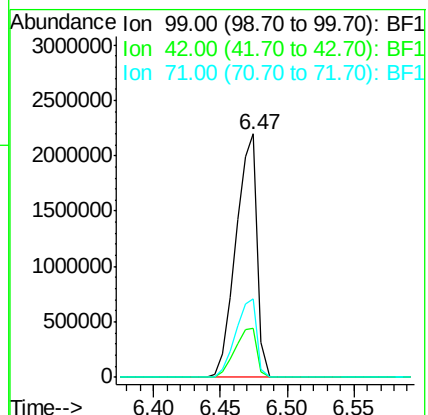
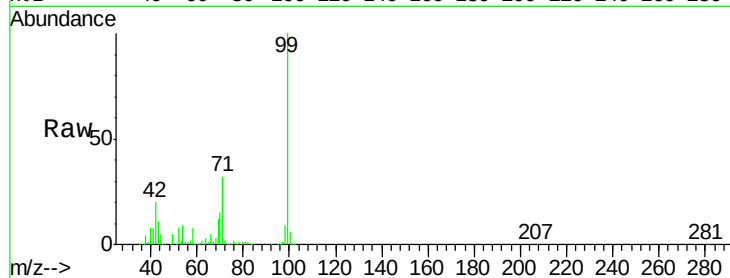
Tgt Ion: 99 Resp: 2446599

Ion Ratio Lower Upper

99 100

42 20.3 17.8 26.6

71 32.4 26.0 39.0



#19

n-Nitroso-di-n-propylamine

Concen: 14.63 ng

RT: 7.41 min Scan# 905

Delta R.T. 0.14 min

Lab File: BF119474.D

Acq: 20 Mar 2020 16:13

Tgt Ion: 70 Resp: 207995

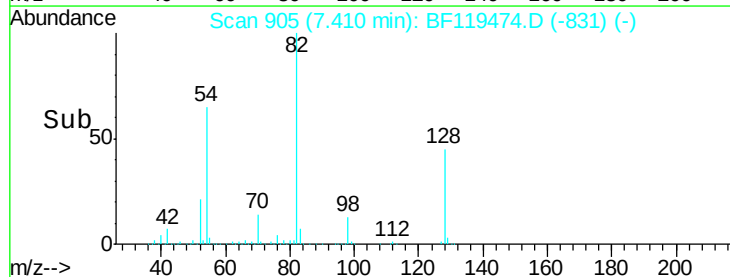
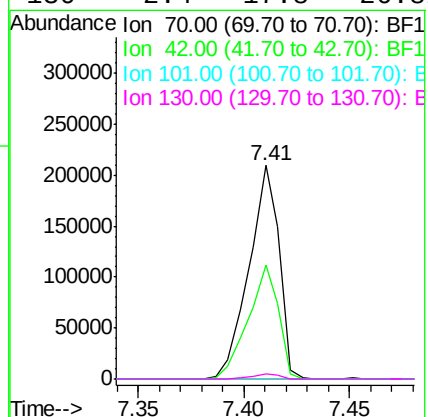
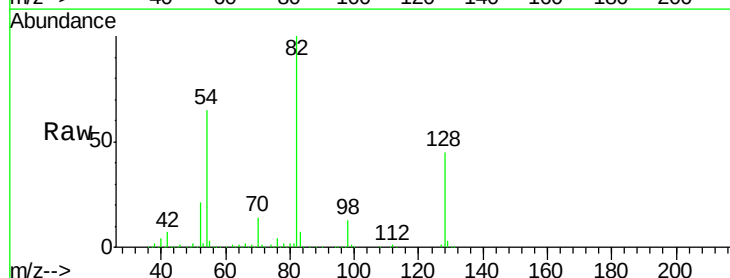
Ion Ratio Lower Upper

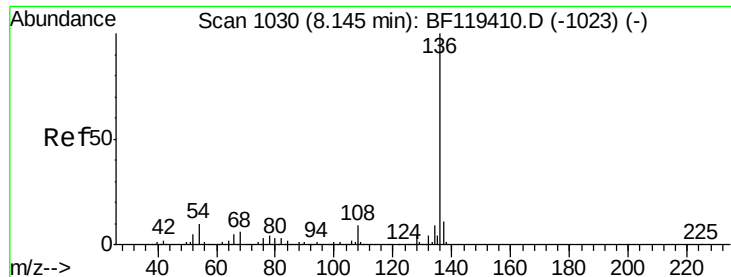
70 100

42 53.5 58.2 87.4#

101 0.0 7.4 11.2#

130 2.4 17.8 26.8#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BF119474.D

Acq: 20 Mar 2020 16:13

Instrument :

BNA_F

ClientSampleId :

PB127713TB

Tgt Ion:136 Resp: 1125161

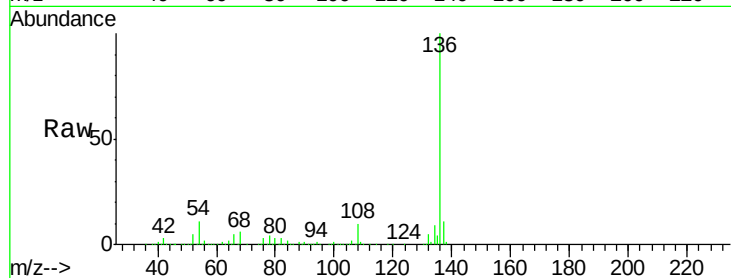
Ion Ratio Lower Upper

136 100

137 11.3 8.4 12.6

54 11.2 8.3 12.5

68 6.0 4.9 7.3

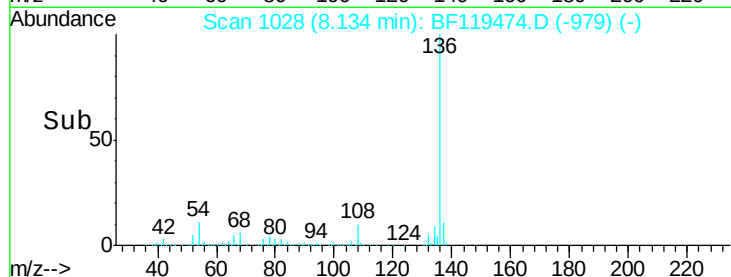


Abundance Ion 136.00 (135.70 to 136.70): E

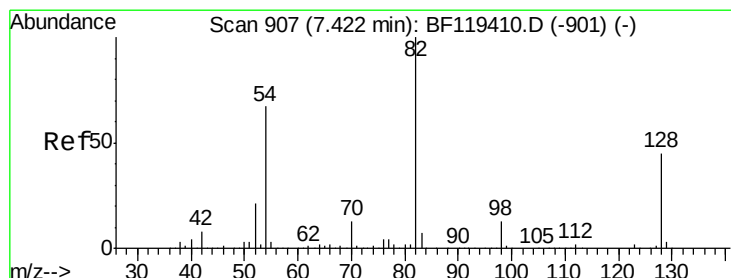
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#23

Nitrobenzene-d5

Concen: 74.32 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.01 min

Lab File: BF119474.D

Acq: 20 Mar 2020 16:13

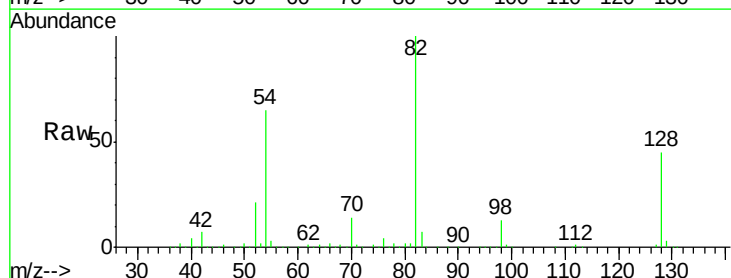
Tgt Ion: 82 Resp: 1538675

Ion Ratio Lower Upper

82 100

128 45.1 35.8 53.8

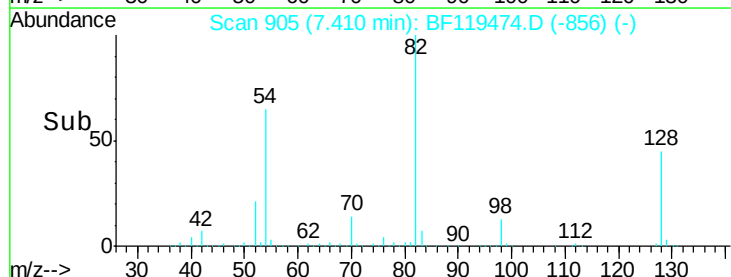
54 65.4 53.4 80.0



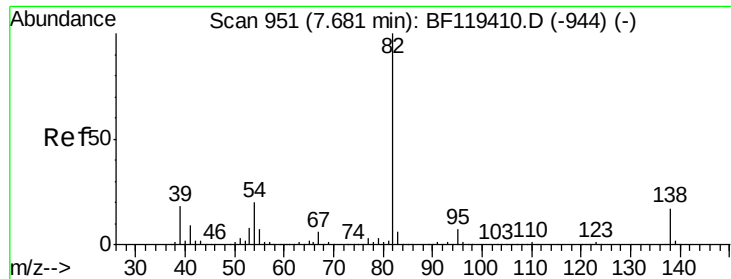
Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1



Time-->



#25

Isophorone

Concen: 36.57 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.27 min

Lab File: BF119474.D

Acq: 20 Mar 2020 16:13

Instrument :

BNA_F

ClientSampleId :

PB127713TB

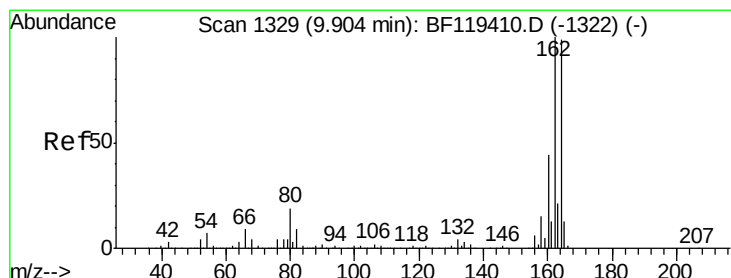
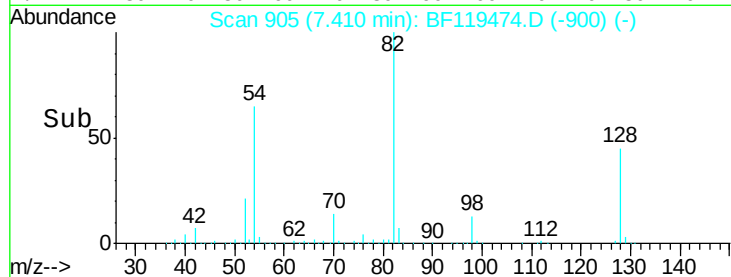
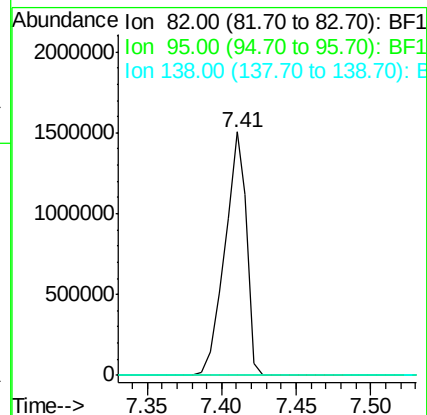
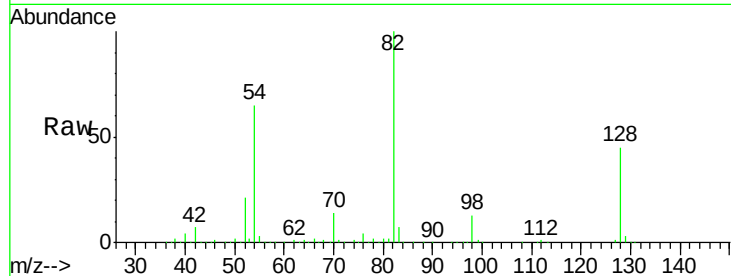
Tgt Ion: 82 Resp: 1535733

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

138 0.0 13.8 20.8#



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.89 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF119474.D

Acq: 20 Mar 2020 16:13

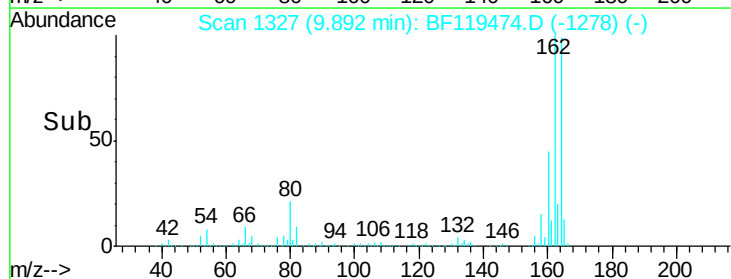
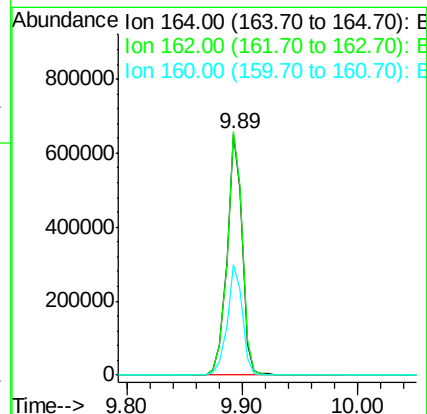
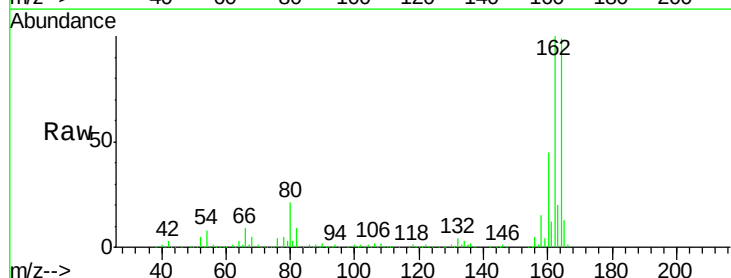
Tgt Ion: 164 Resp: 590131

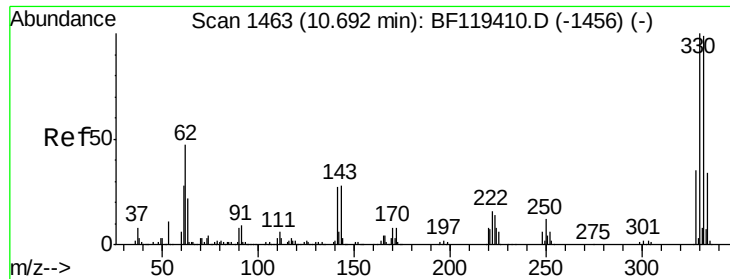
Ion Ratio Lower Upper

164 100

162 100.9 80.7 121.1

160 45.8 35.5 53.3

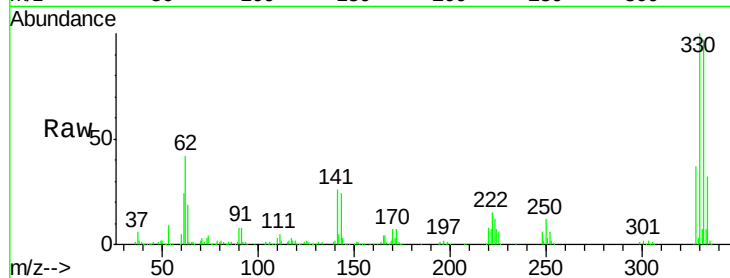




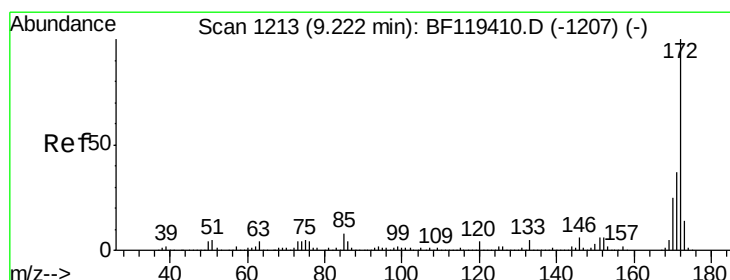
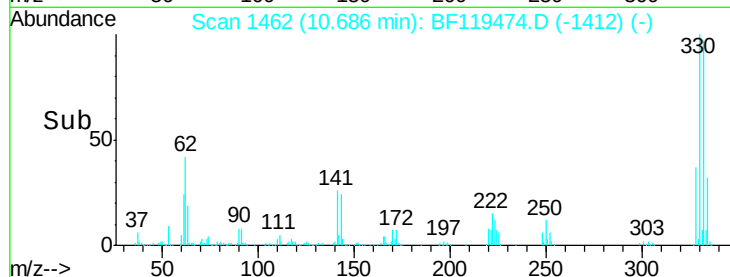
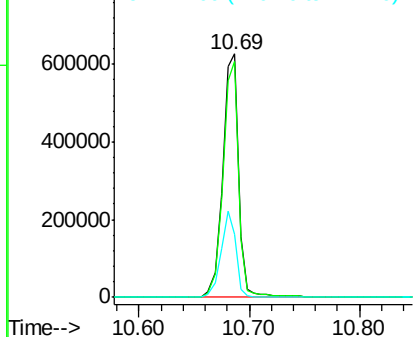
#42
 2,4,6-Tribromophenol
 Concen: 104.08 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: BF119474.D
 Acq: 20 Mar 2020 16:13

Instrument :
 BNA_F
 ClientSampleId :
 PB127713TB

Tgt Ion:330 Resp: 633652
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.6 116.4
 141 33.2 26.6 40.0

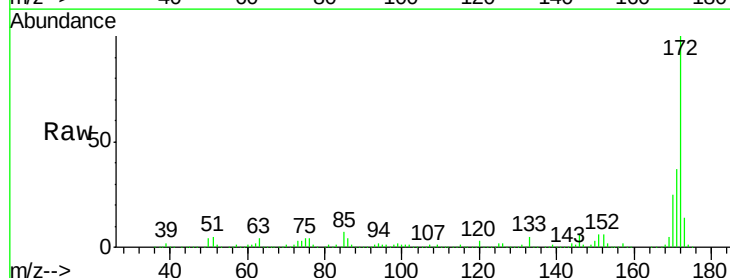


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

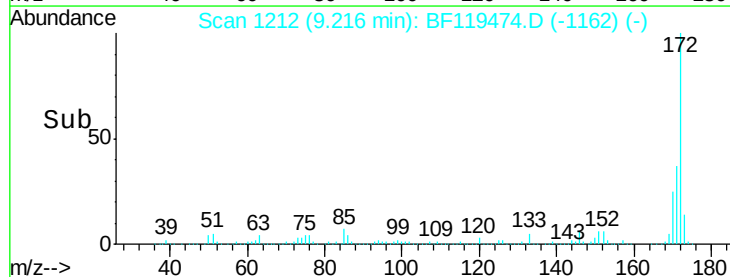
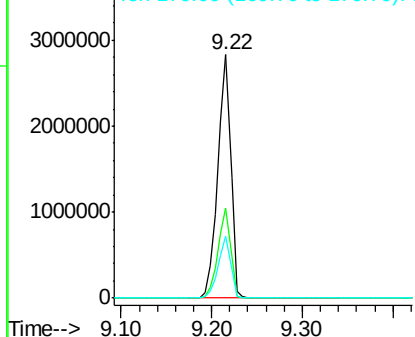


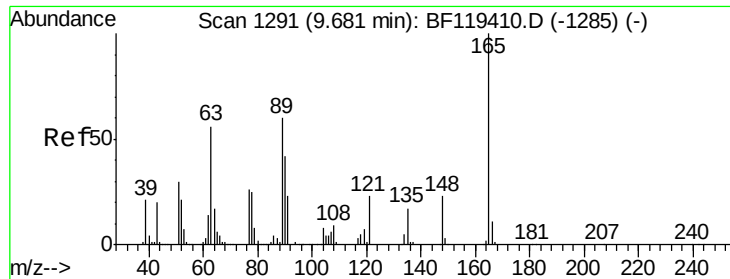
#45
 2-Fluorobiphenyl
 Concen: 69.82 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF119474.D
 Acq: 20 Mar 2020 16:13

Tgt Ion:172 Resp: 2781278
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.9 44.9
 170 25.4 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

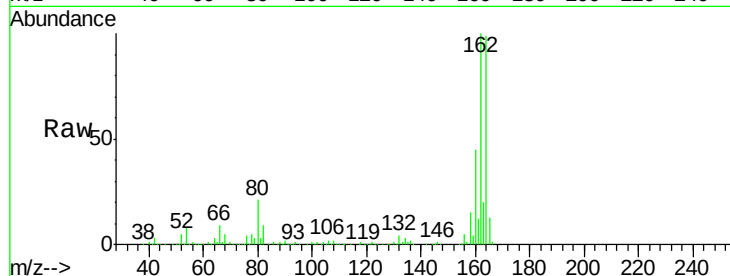




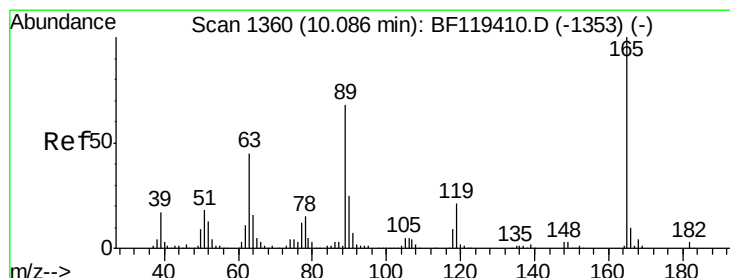
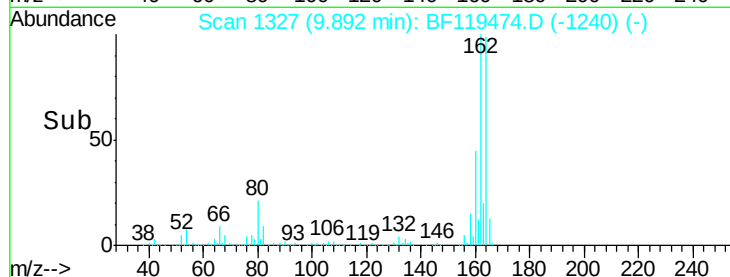
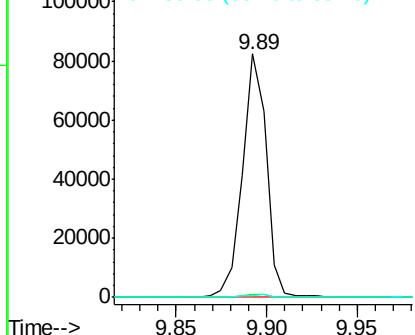
#51
 2,6-Dinitrotoluene
 Concen: 8.37 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. 0.21 min
 Lab File: BF119474.D
 Acq: 20 Mar 2020 16:13

Instrument :
 BNA_F
 ClientSampleId :
 PB127713TB

Tgt Ion:165 Resp: 75213
 Ion Ratio Lower Upper
 165 100
 63 1.0 57.3 85.9#
 89 0.9 47.8 71.8#

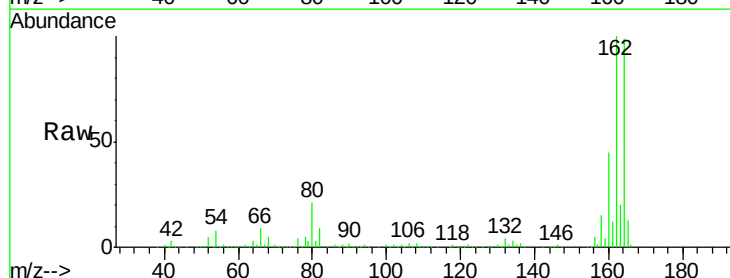


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

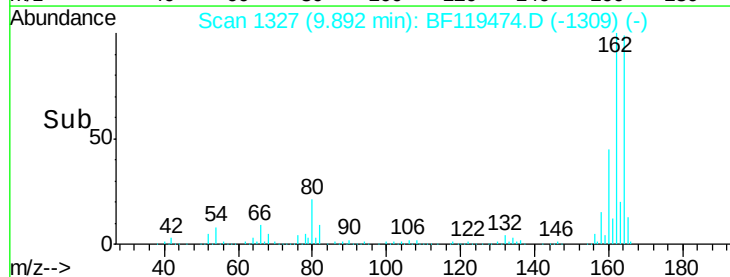
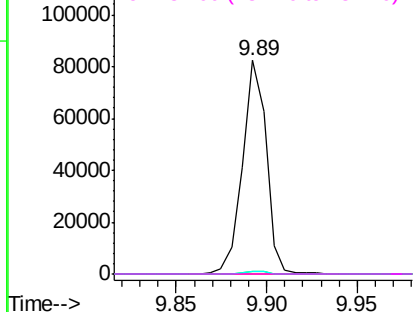


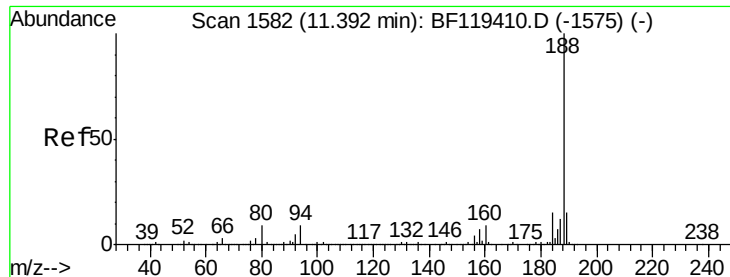
#57
 2,4-Dinitrotoluene
 Concen: 6.65 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.19 min
 Lab File: BF119474.D
 Acq: 20 Mar 2020 16:13

Tgt Ion:165 Resp: 75213
 Ion Ratio Lower Upper
 165 100
 63 1.0 36.2 54.4#
 89 0.9 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

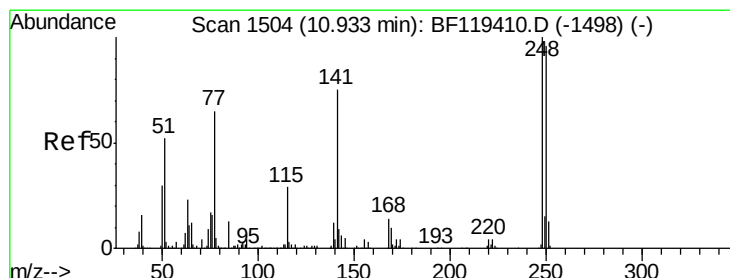
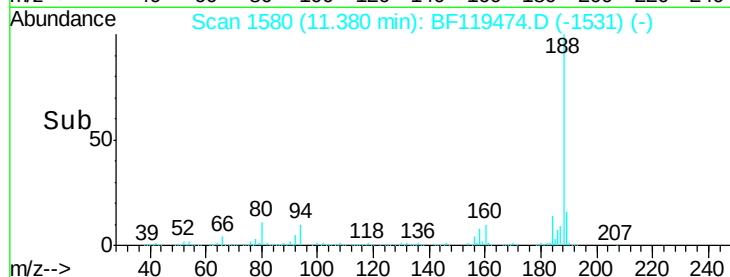
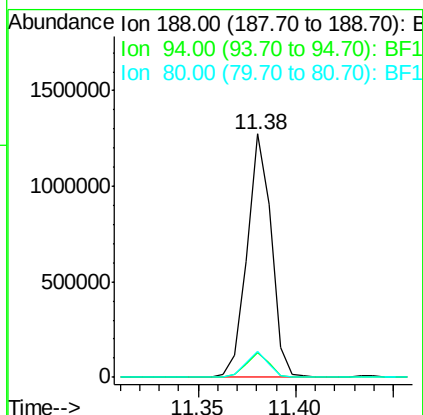
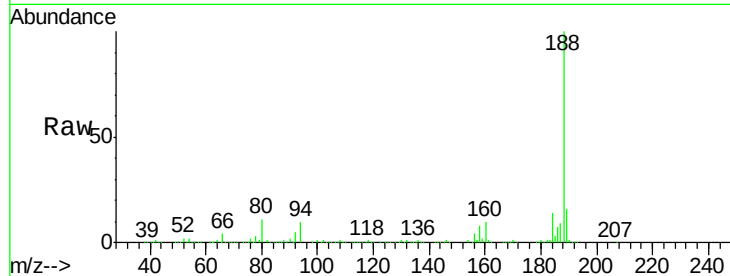




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BF119474.D
Acq: 20 Mar 2020 16:13

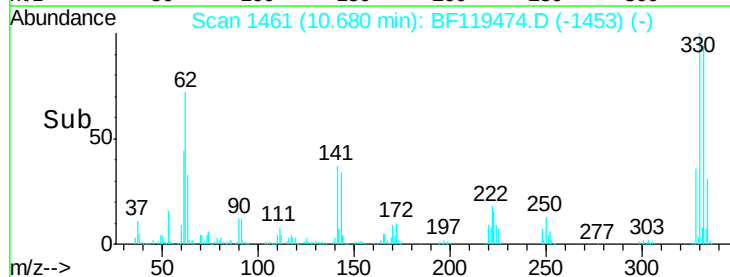
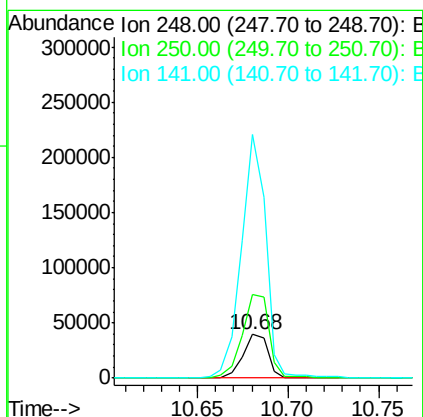
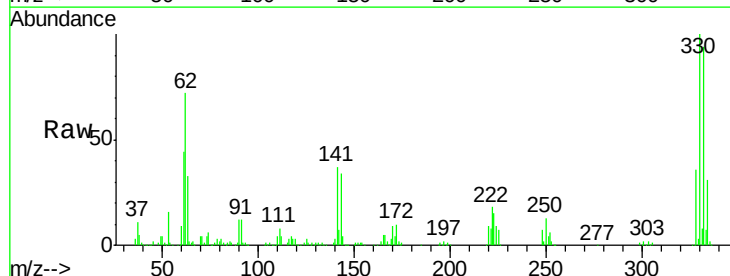
Instrument :
BNA_F
ClientSampleId :
PB127713TB

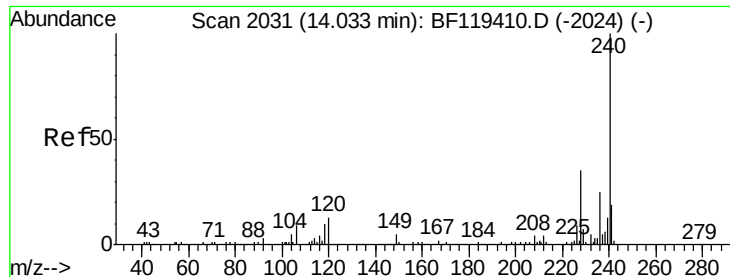
Tgt Ion:188 Resp: 1096863
Ion Ratio Lower Upper
188 100
94 10.3 7.1 10.7
80 10.9 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 3.15 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.25 min
Lab File: BF119474.D
Acq: 20 Mar 2020 16:13

Tgt Ion:248 Resp: 39288
Ion Ratio Lower Upper
248 100
250 191.5 77.0 115.6#
141 559.0 59.7 89.5#





#76

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF119474.D

Acq: 20 Mar 2020 16:13

Instrument :

BNA_F

ClientSampleId :

PB127713TB

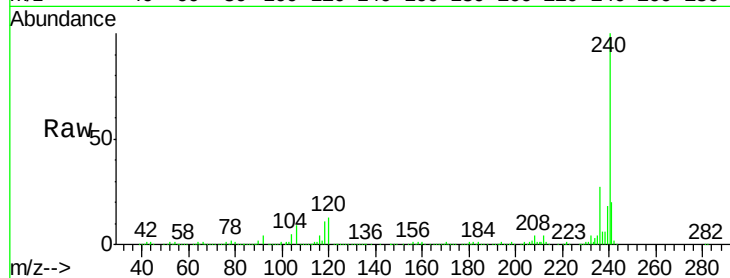
Tgt Ion:240 Resp: 652600

Ion Ratio Lower Upper

240 100

120 12.8 10.2 15.4

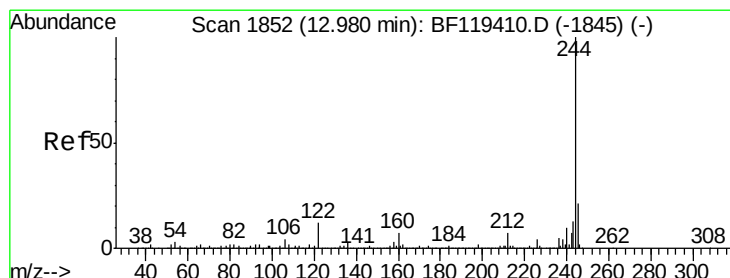
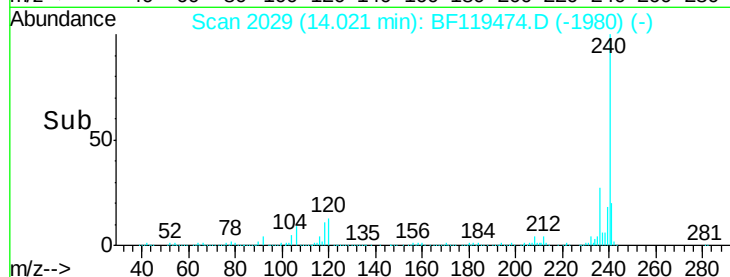
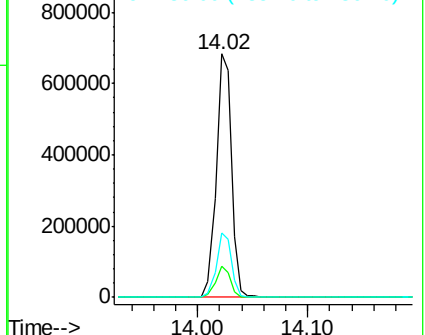
236 26.6 20.4 30.6



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



#79

Terphenyl-d14

Concen: 91.40 ng

RT: 12.97 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BF119474.D

Acq: 20 Mar 2020 16:13

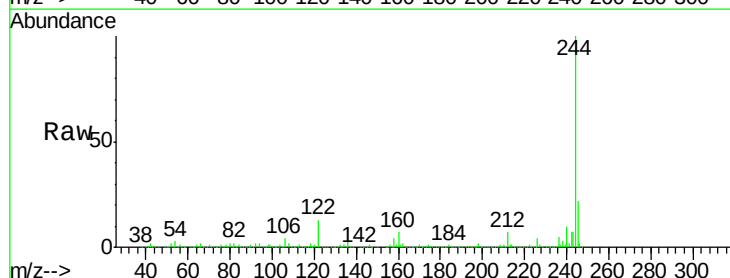
Tgt Ion:244 Resp: 3044387

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

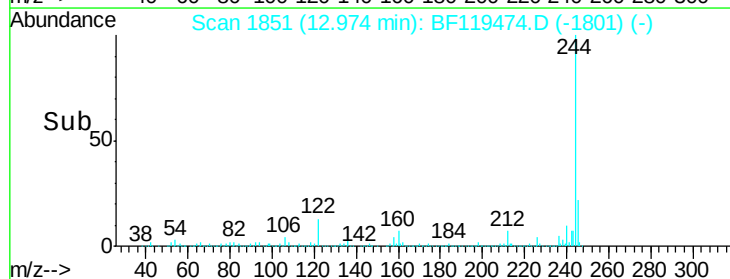
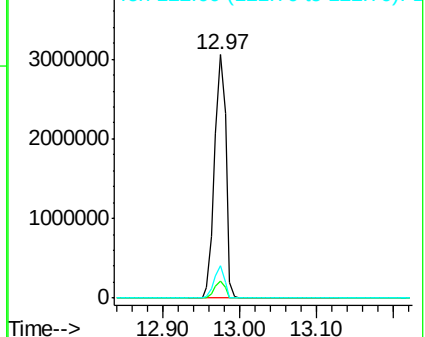
122 13.3 9.8 14.8

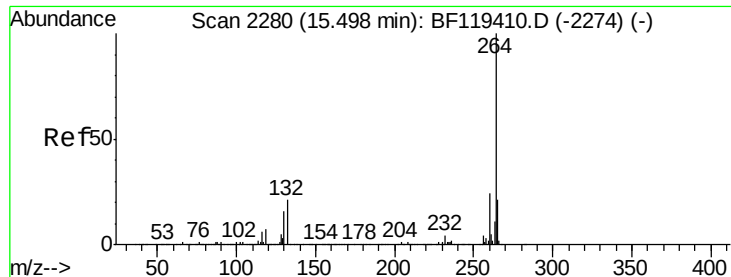


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF119474.D
Acq: 20 Mar 2020 16:13

Instrument :
BNA_F
ClientSampleId :
PB127713TB

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.2	28.8
265	21.1	16.9	25.3

