

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031920\
 Data File : BF119447.D
 Acq On : 19 Mar 2020 19:27
 Operator : CG/JU
 Sample : PB127678BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB127678BL

Quant Time: Mar 20 03:49:31 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

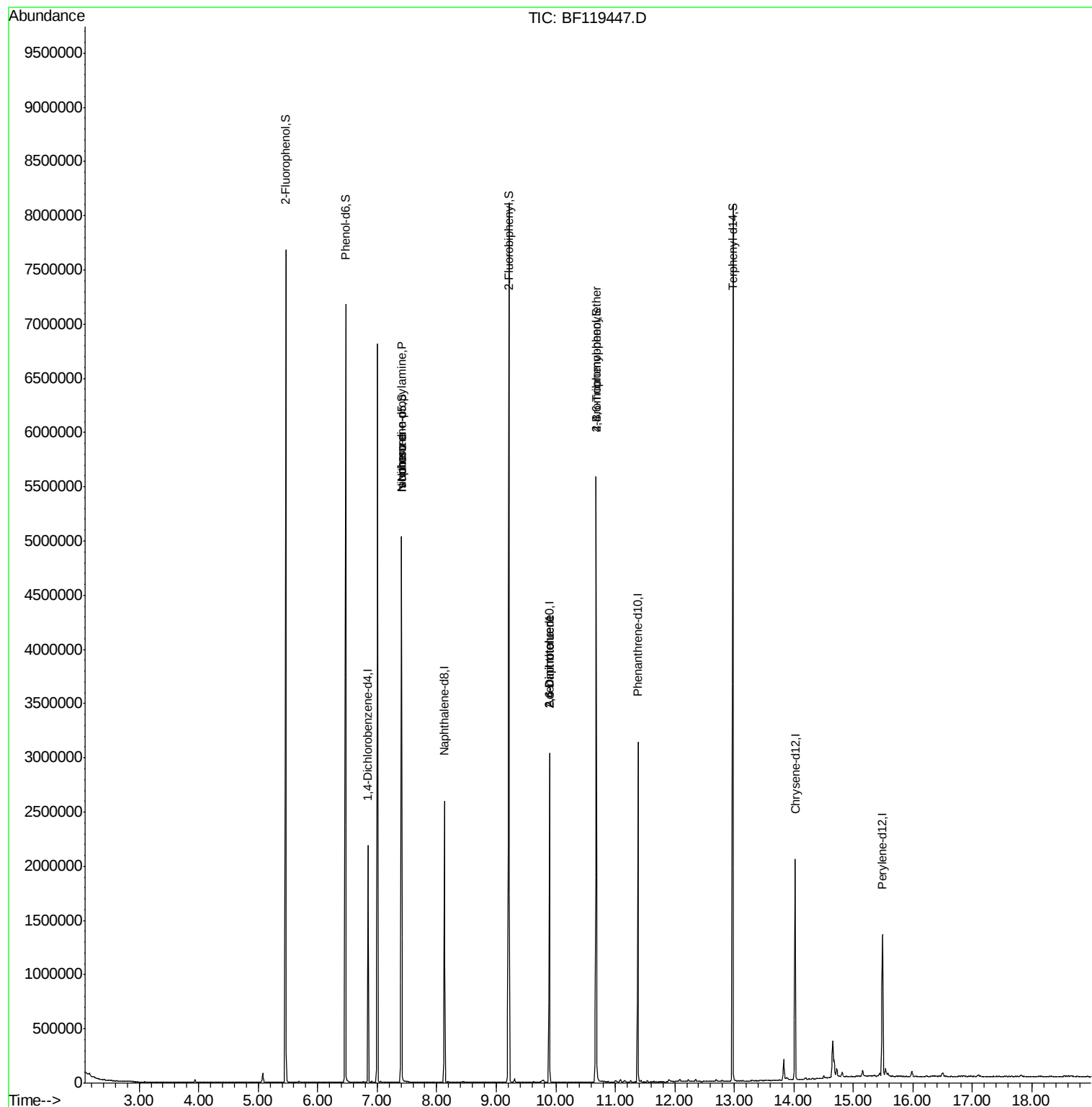
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	304651	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	1180686	20.00	ng	-0.01
39) Acenaphthene-d10	9.89	164	605037	20.00	ng	-0.01
64) Phenanthrene-d10	11.38	188	1118607	20.00	ng	-0.01
76) Chrysene-d12	14.02	240	643830	20.00	ng	-0.01
87) Perylene-d12	15.49	264	630272	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	2086894	109.05	ng	0.00
7) Phenol-d6	6.47	99	2581687	105.60	ng	0.00
23) Nitrobenzene-d5	7.41	82	1581526	72.80	ng	-0.01
42) 2,4,6-Tribromophenol	10.68	330	654970	104.93	ng	-0.01
45) 2-Fluorobiphenyl	9.22	172	2954431	72.34	ng	0.00
79) Terphenyl-d14	12.97	244	2982724	90.77	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.41	70	210564	14.29	ng	# 73
25) Isophorone	7.41	82	1579140	35.83	ng	# 66
51) 2,6-Dinitrotoluene	9.89	165	78084	8.48	ng	# 18
57) 2,4-Dinitrotoluene	9.89	165	78084	6.73	ng	# 25
67) 4-Bromophenyl-phenylether	10.68	248	40246	3.16	ng	# 1

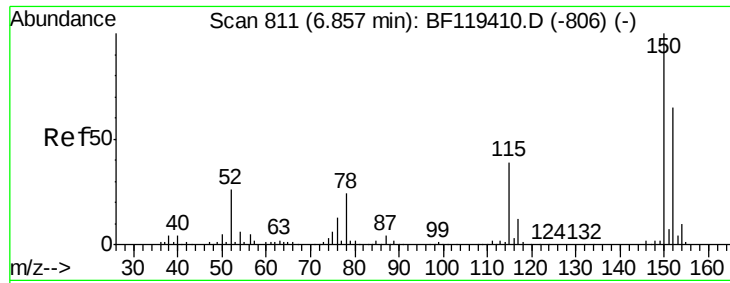
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Mar 18 15:11:18 2020
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 809

Delta R.T. -0.01 min

Lab File: BF119447.D

Acq: 19 Mar 2020 19:27

Instrument :

BNA_F

ClientSampleId :

PB127678BL

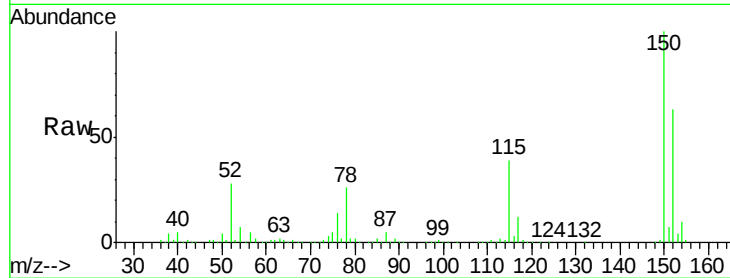
Tgt Ion:152 Resp: 304651

Ion Ratio Lower Upper

152 100

150 158.4 123.9 185.9

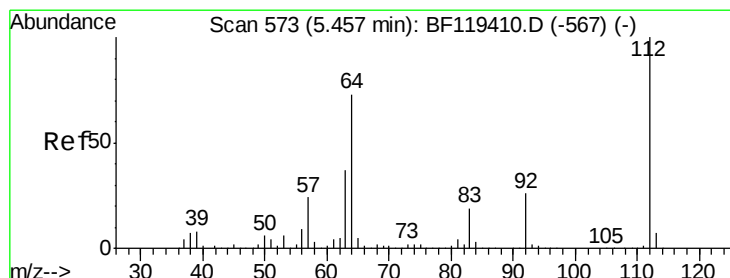
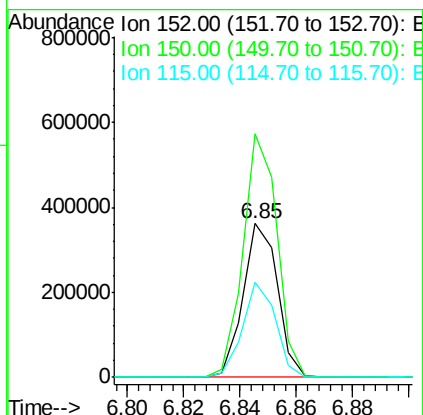
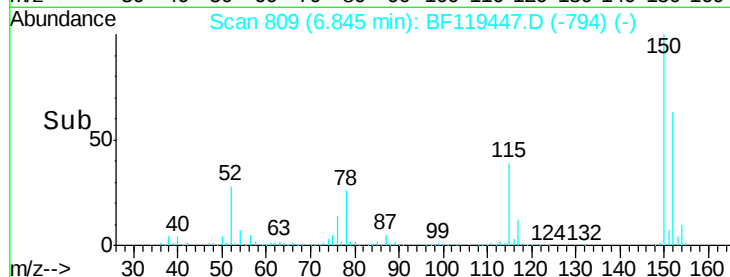
115 62.0 47.8 71.6



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: 109.05 ng

RT: 5.46 min Scan# 574

Delta R.T. 0.01 min

Lab File: BF119447.D

Acq: 19 Mar 2020 19:27

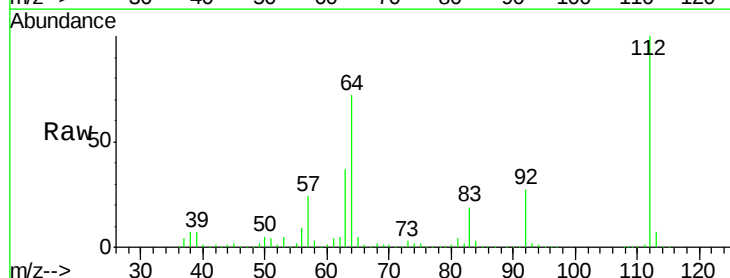
Tgt Ion:112 Resp: 2086894

Ion Ratio Lower Upper

112 100

64 71.7 58.1 87.1

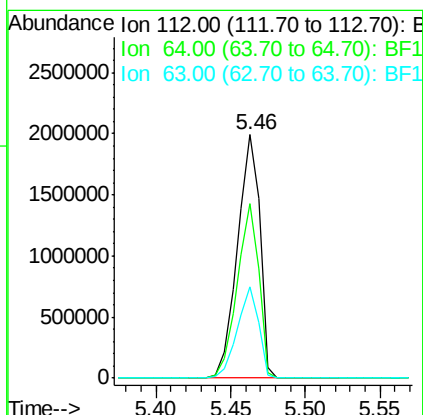
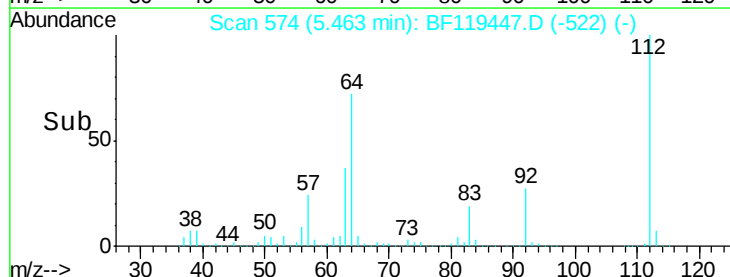
63 37.3 29.7 44.5

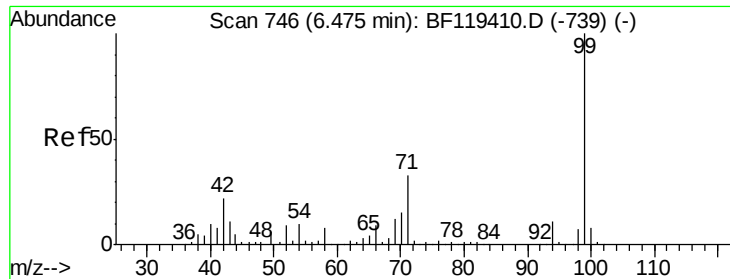


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 105.60 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF119447.D

Acq: 19 Mar 2020 19:27

Instrument :

BNA_F

ClientSampleId :

PB127678BL

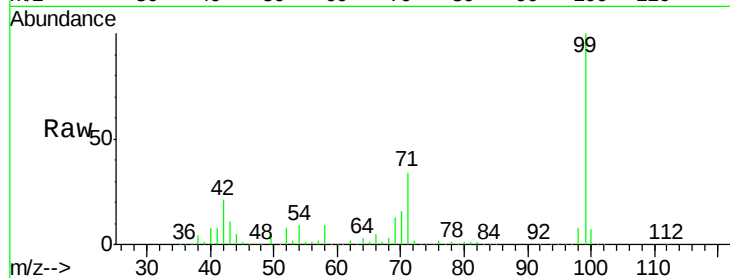
Tgt Ion: 99 Resp: 2581687

Ion Ratio Lower Upper

99 100

42 21.4 17.8 26.6

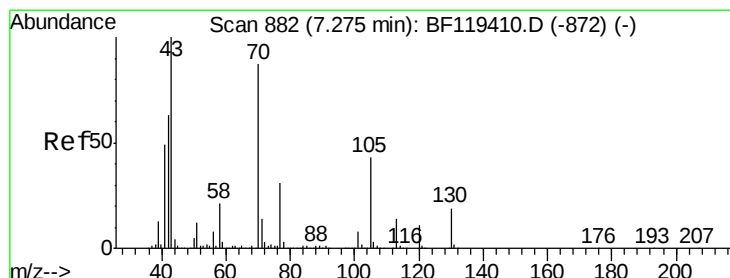
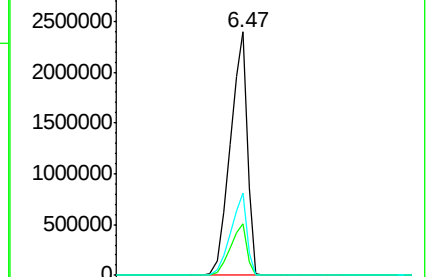
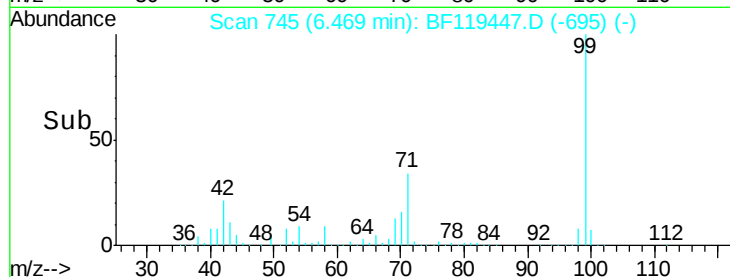
71 33.9 26.0 39.0



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: 14.29 ng

RT: 7.41 min Scan# 905

Delta R.T. 0.14 min

Lab File: BF119447.D

Acq: 19 Mar 2020 19:27

Tgt Ion: 70 Resp: 210564

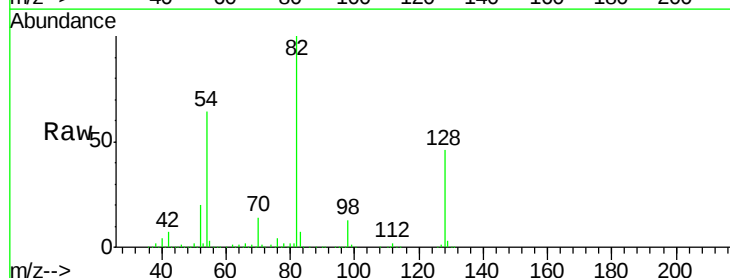
Ion Ratio Lower Upper

70 100

42 53.5 58.2 87.4#

101 0.0 7.4 11.2#

130 2.6 17.8 26.8#

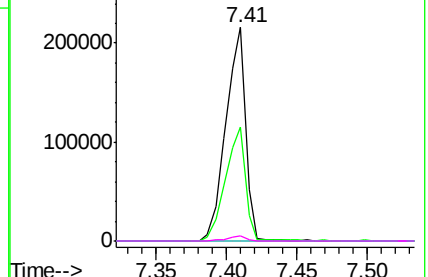
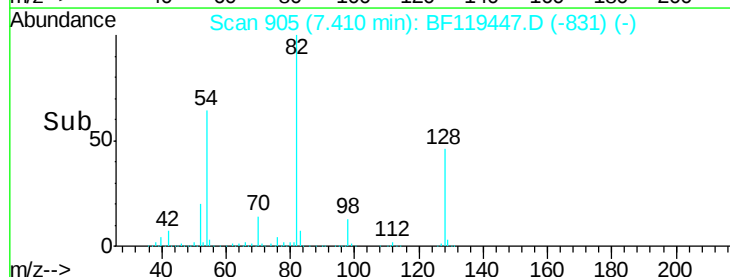


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: BF119447.D

Acq: 19 Mar 2020 19:27

Instrument :

BNA_F

ClientSampleId :

PB127678BL

Tgt Ion:136 Resp: 1180686

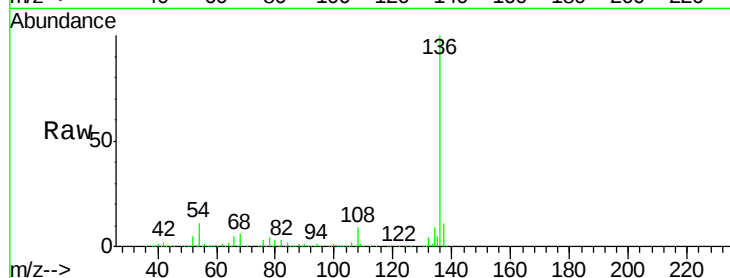
Ion Ratio Lower Upper

136 100

137 11.3 8.4 12.6

54 10.6 8.3 12.5

68 5.9 4.9 7.3

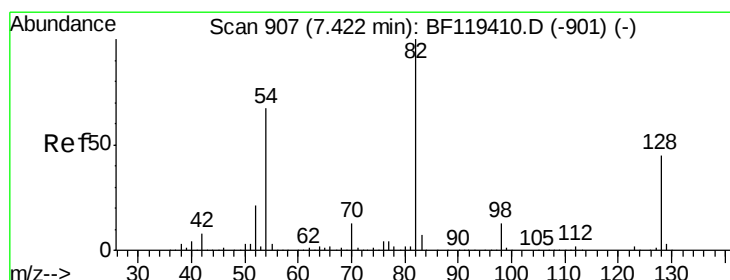
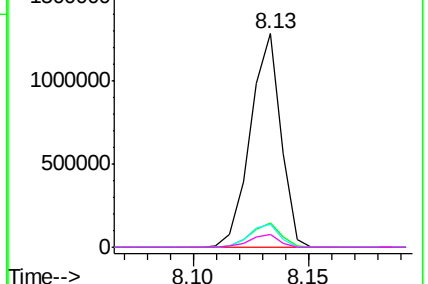
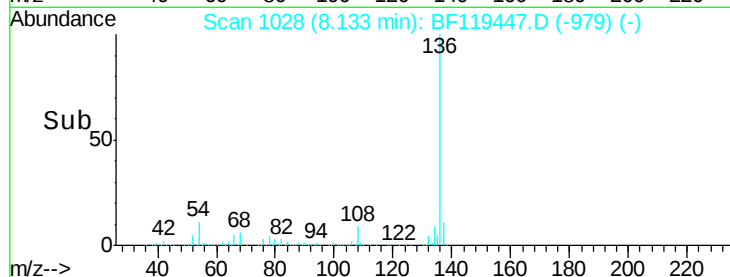


Abundance Ion 136.00 (135.70 to 136.70): E

2000000 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: 72.80 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.01 min

Lab File: BF119447.D

Acq: 19 Mar 2020 19:27

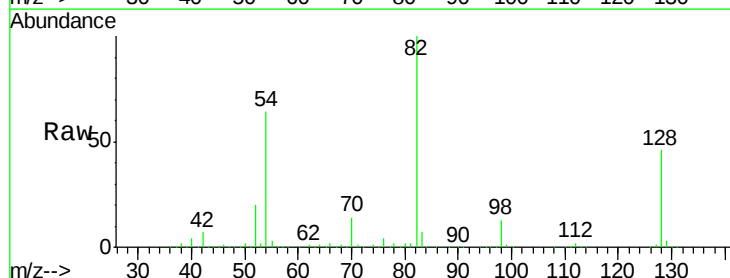
Tgt Ion: 82 Resp: 1581526

Ion Ratio Lower Upper

82 100

128 46.5 35.8 53.8

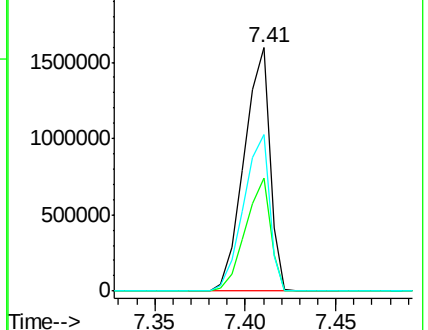
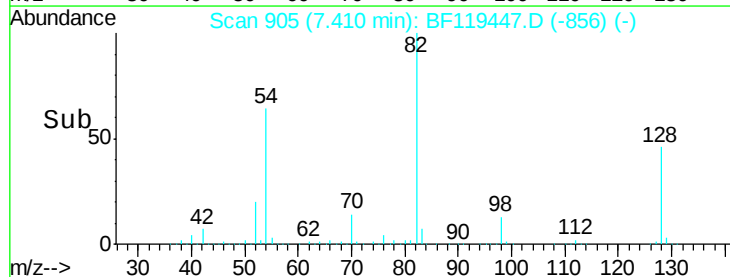
54 64.2 53.4 80.0

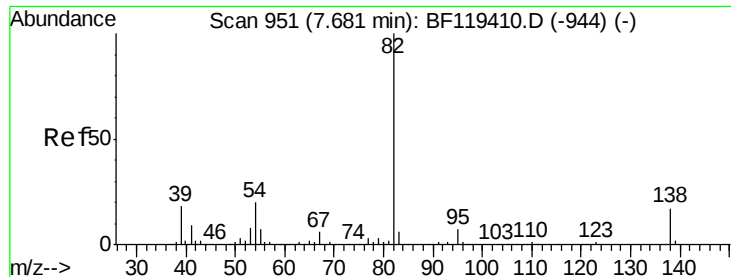


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

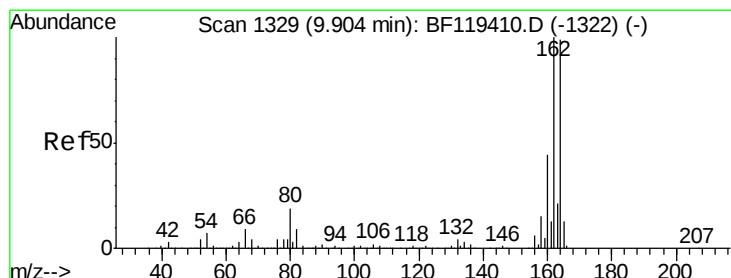
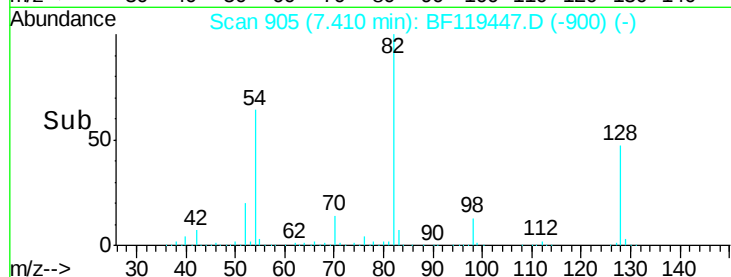
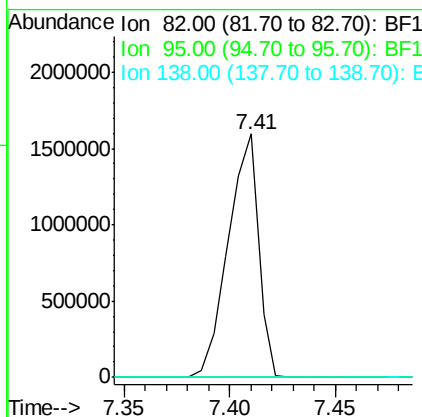
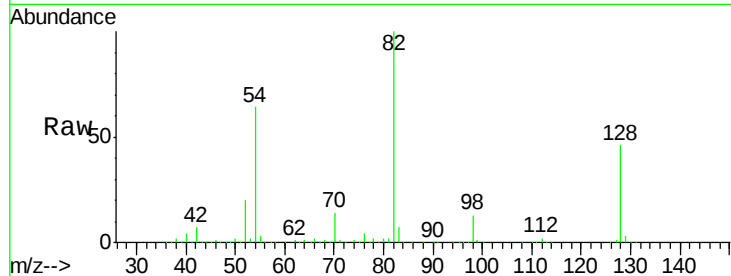




#25
Isophorone
Concen: 35.83 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.27 min
Lab File: BF119447.D
Acq: 19 Mar 2020 19:27

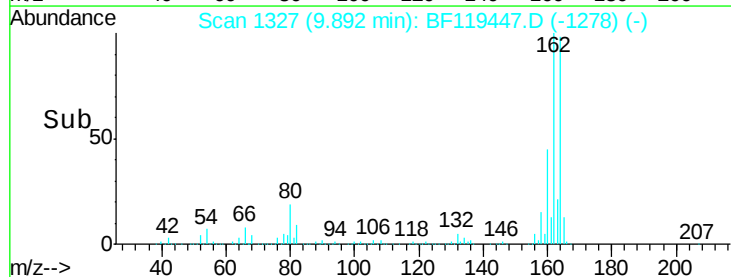
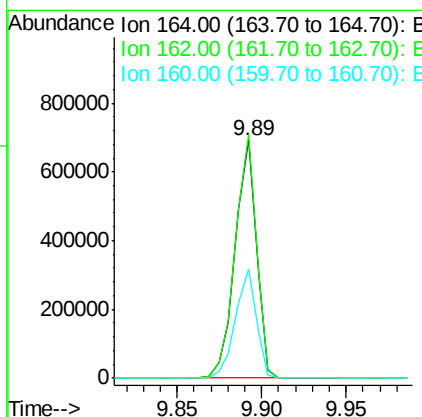
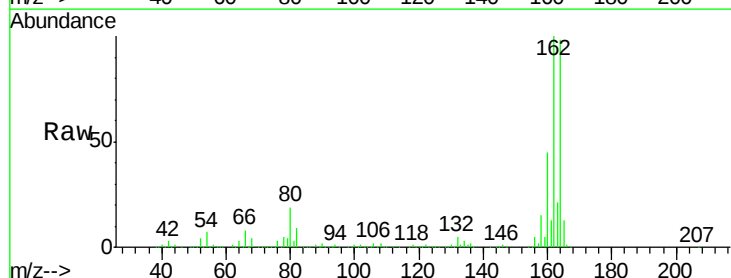
Instrument :
BNA_F
ClientSampleId :
PB127678BL

Tgt Ion: 82 Resp: 1579140
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: BF119447.D
Acq: 19 Mar 2020 19:27

Tgt Ion: 164 Resp: 605037
Ion Ratio Lower Upper
164 100
162 102.3 80.7 121.1
160 45.9 35.5 53.3





#42

2,4,6-Tribromophenol

Concen: 104.93 ng

RT: 10.68 min Scan# 1461

Delta R.T. -0.01 min

Lab File: BF119447.D

Acq: 19 Mar 2020 19:27

Instrument :

BNA_F

ClientSampleId :

PB127678BL

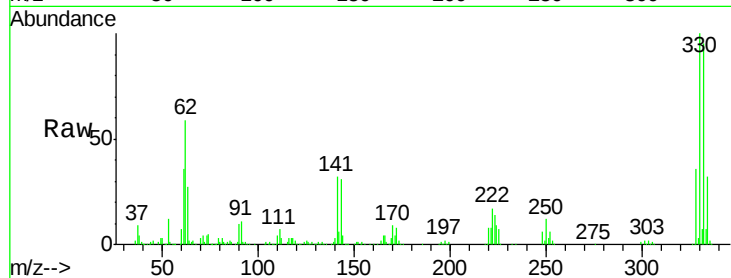
Tgt Ion:330 Resp: 654970

Ion Ratio Lower Upper

330 100

332 96.9 77.6 116.4

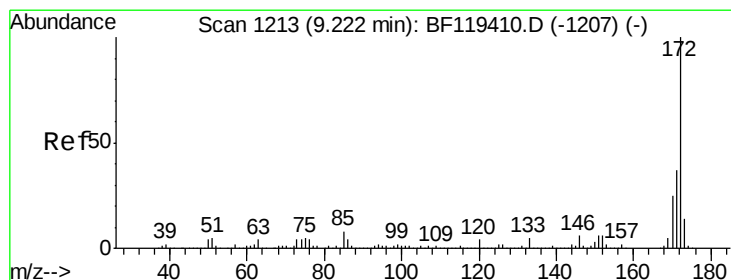
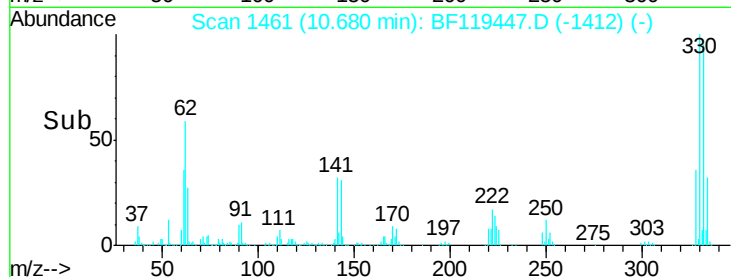
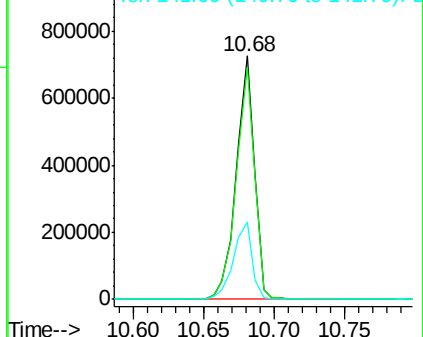
141 32.8 26.6 40.0



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: 72.34 ng

RT: 9.22 min Scan# 1212

Delta R.T. -0.01 min

Lab File: BF119447.D

Acq: 19 Mar 2020 19:27

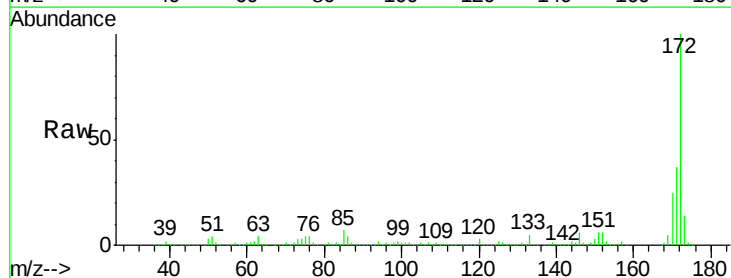
Tgt Ion:172 Resp: 2954431

Ion Ratio Lower Upper

172 100

171 36.8 29.9 44.9

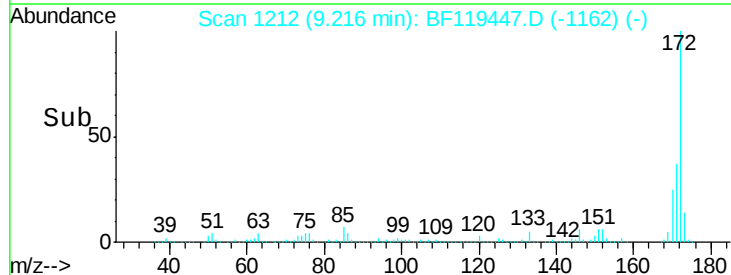
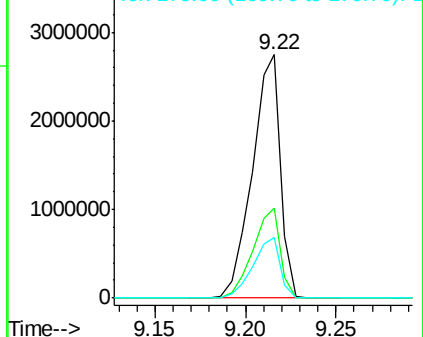
170 24.7 20.1 30.1

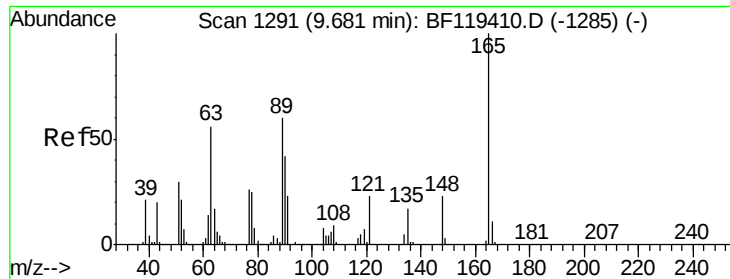


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

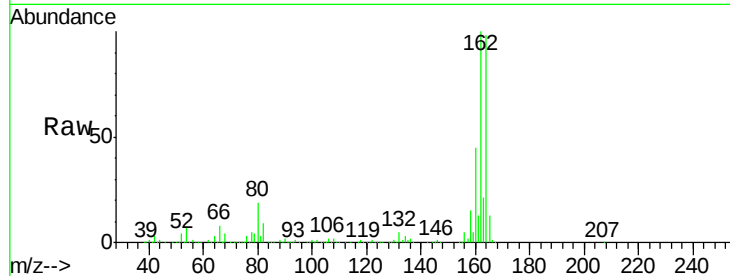




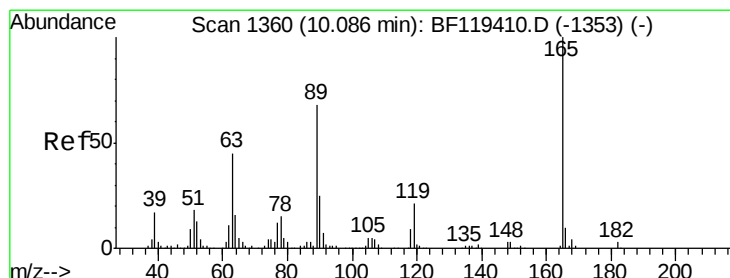
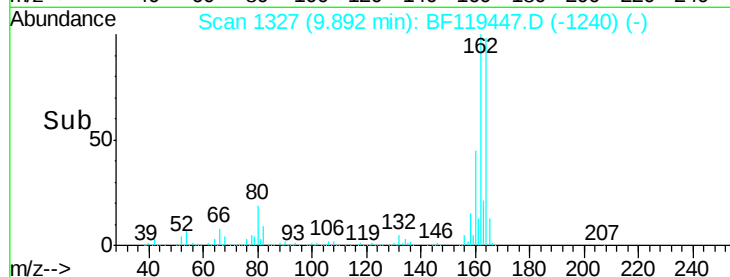
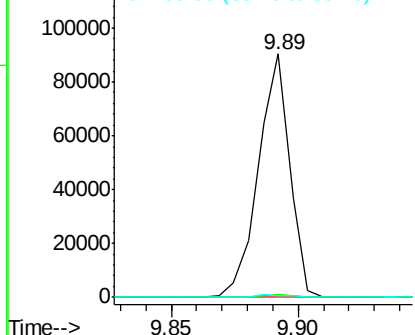
#51
 2,6-Dinitrotoluene
 Concen: 8.48 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. 0.21 min
 Lab File: BF119447.D
 Acq: 19 Mar 2020 19:27

Instrument :
 BNA_F
 ClientSampleId :
 PB127678BL

Tgt Ion:165 Resp: 78084
 Ion Ratio Lower Upper
 165 100
 63 1.5 57.3 85.9#
 89 0.9 47.8 71.8#

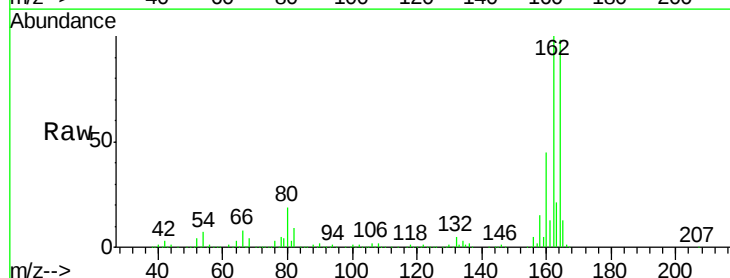


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

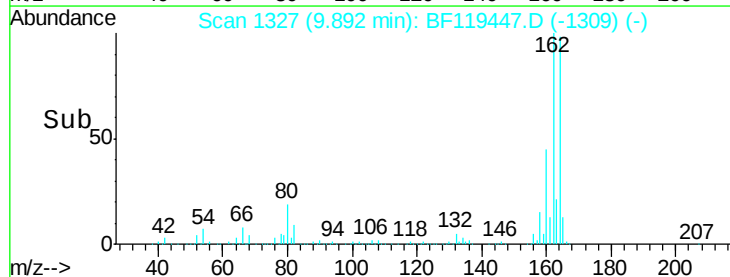
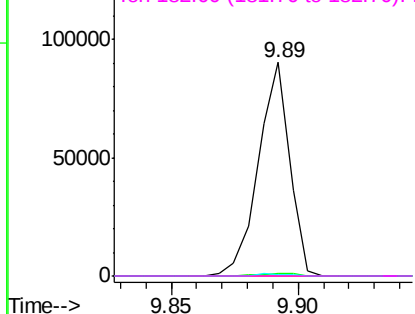


#57
 2,4-Dinitrotoluene
 Concen: 6.73 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.19 min
 Lab File: BF119447.D
 Acq: 19 Mar 2020 19:27

Tgt Ion:165 Resp: 78084
 Ion Ratio Lower Upper
 165 100
 63 1.5 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: BF119447.D

Acq: 19 Mar 2020 19:27

Instrument :

BNA_F

ClientSampleId :

PB127678BL

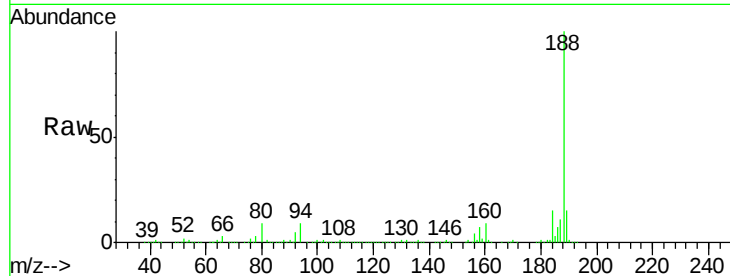
Tgt Ion:188 Resp: 1118607

Ion Ratio Lower Upper

188 100

94 9.3 7.1 10.7

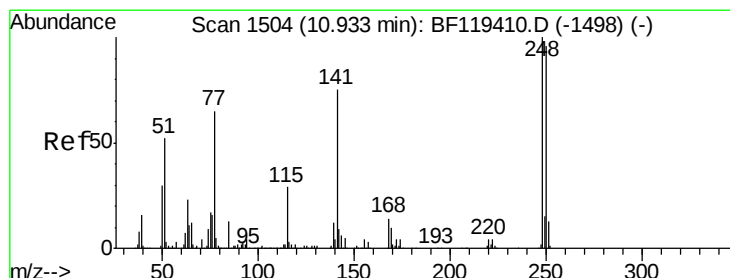
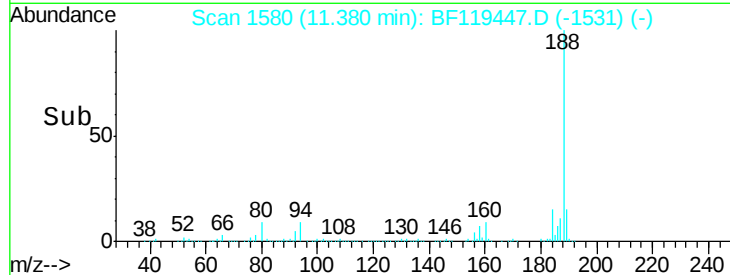
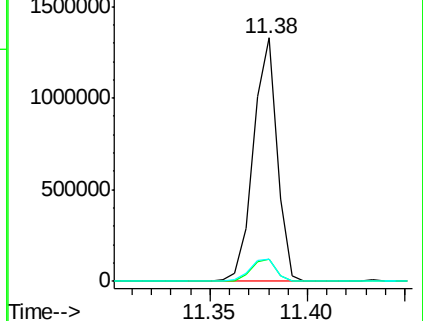
80 9.3 7.5 11.3



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: 3.16 ng

RT: 10.68 min Scan# 1461

Delta R.T. -0.25 min

Lab File: BF119447.D

Acq: 19 Mar 2020 19:27

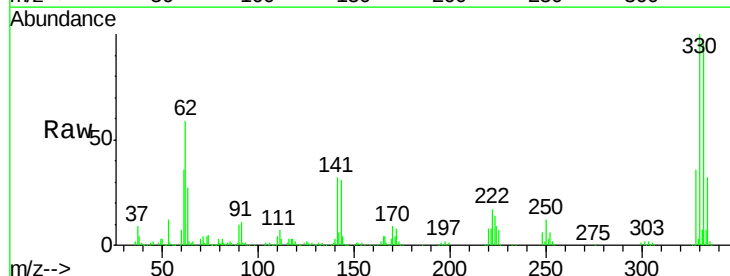
Tgt Ion:248 Resp: 40246

Ion Ratio Lower Upper

248 100

250 199.4 77.0 115.6#

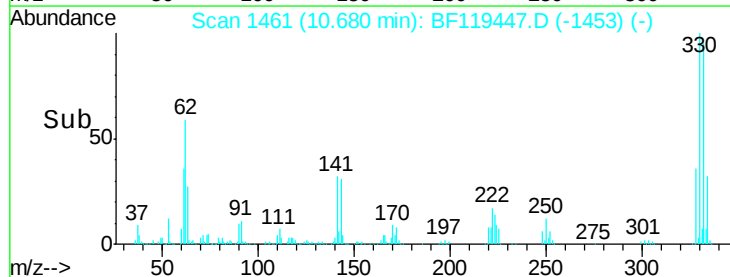
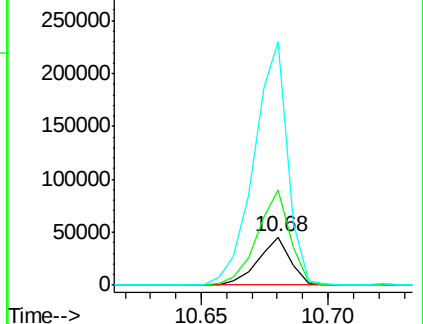
141 509.3 59.7 89.5#

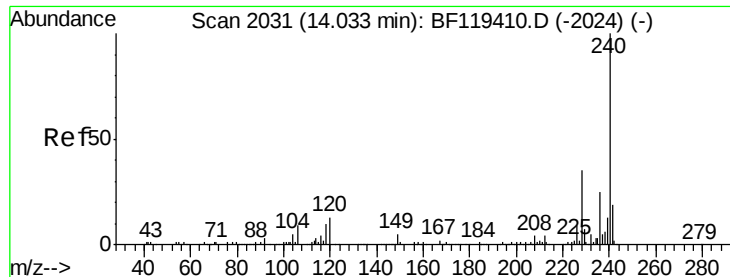


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#76

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF119447.D

Acq: 19 Mar 2020 19:27

Instrument :

BNA_F

ClientSampleId :

PB127678BL

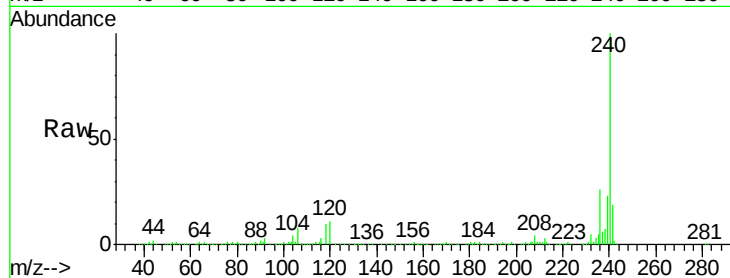
Tgt Ion:240 Resp: 643830

Ion Ratio Lower Upper

240 100

120 11.3 10.2 15.4

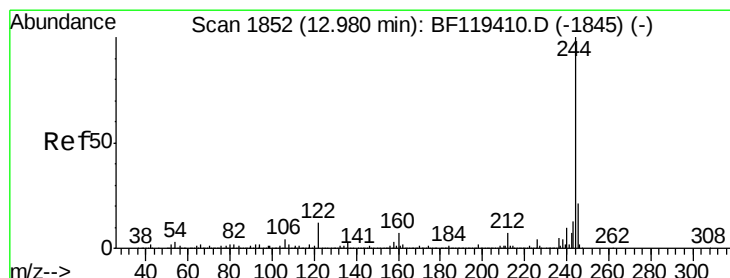
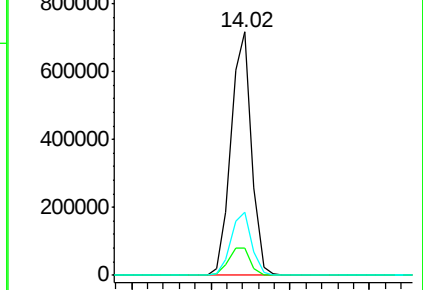
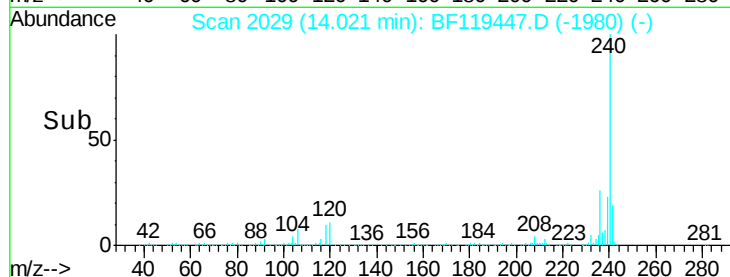
236 26.2 20.4 30.6



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: 90.77 ng

RT: 12.97 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BF119447.D

Acq: 19 Mar 2020 19:27

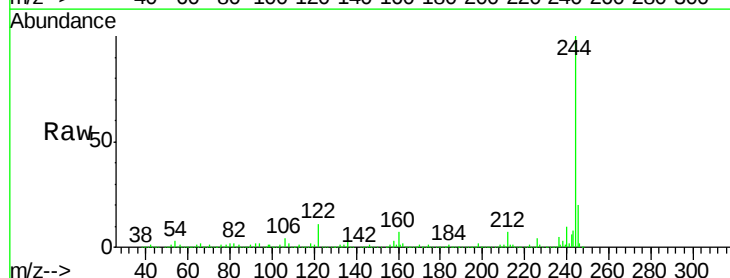
Tgt Ion:244 Resp: 2982724

Ion Ratio Lower Upper

244 100

212 6.7 5.7 8.5

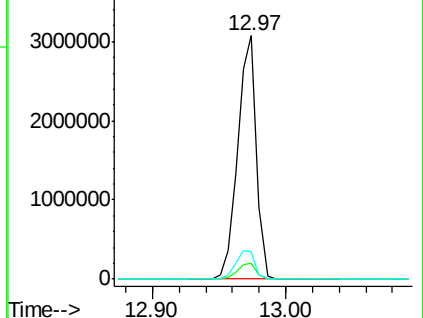
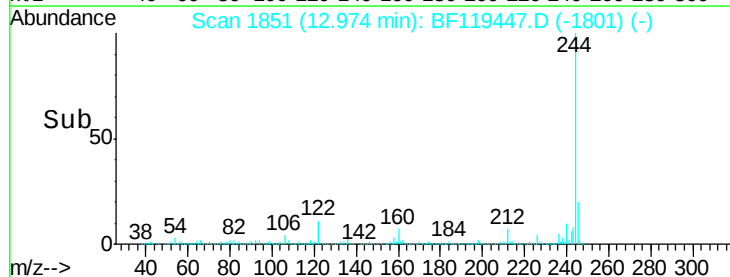
122 11.2 9.8 14.8

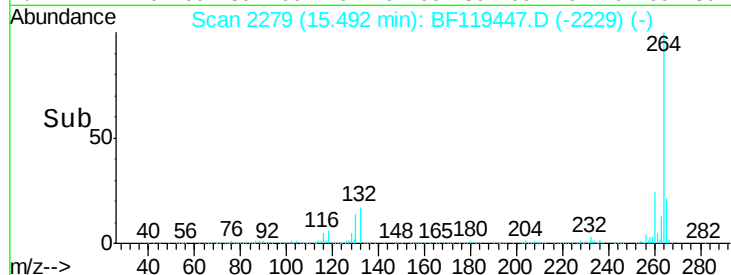
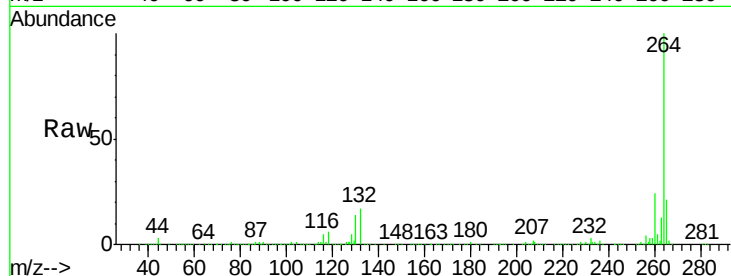
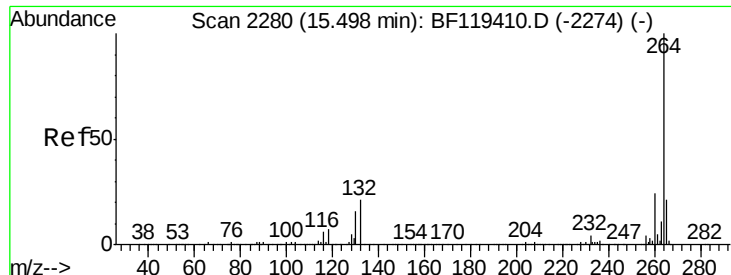


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.49 min Scan# 2279
Delta R.T. -0.01 min
Lab File: BF119447.D
Acq: 19 Mar 2020 19:27

Instrument :
BNA_F
ClientSampleId :
PB127678BL

Tgt Ion:	264	Resp:	630272
Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.3	16.9	25.3

