

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032420\
 Data File : BF119484.D
 Acq On : 24 Mar 2020 11:02
 Operator : CG/JU
 Sample : PB127730BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB127730BL

Quant Time: Mar 24 11:52:57 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

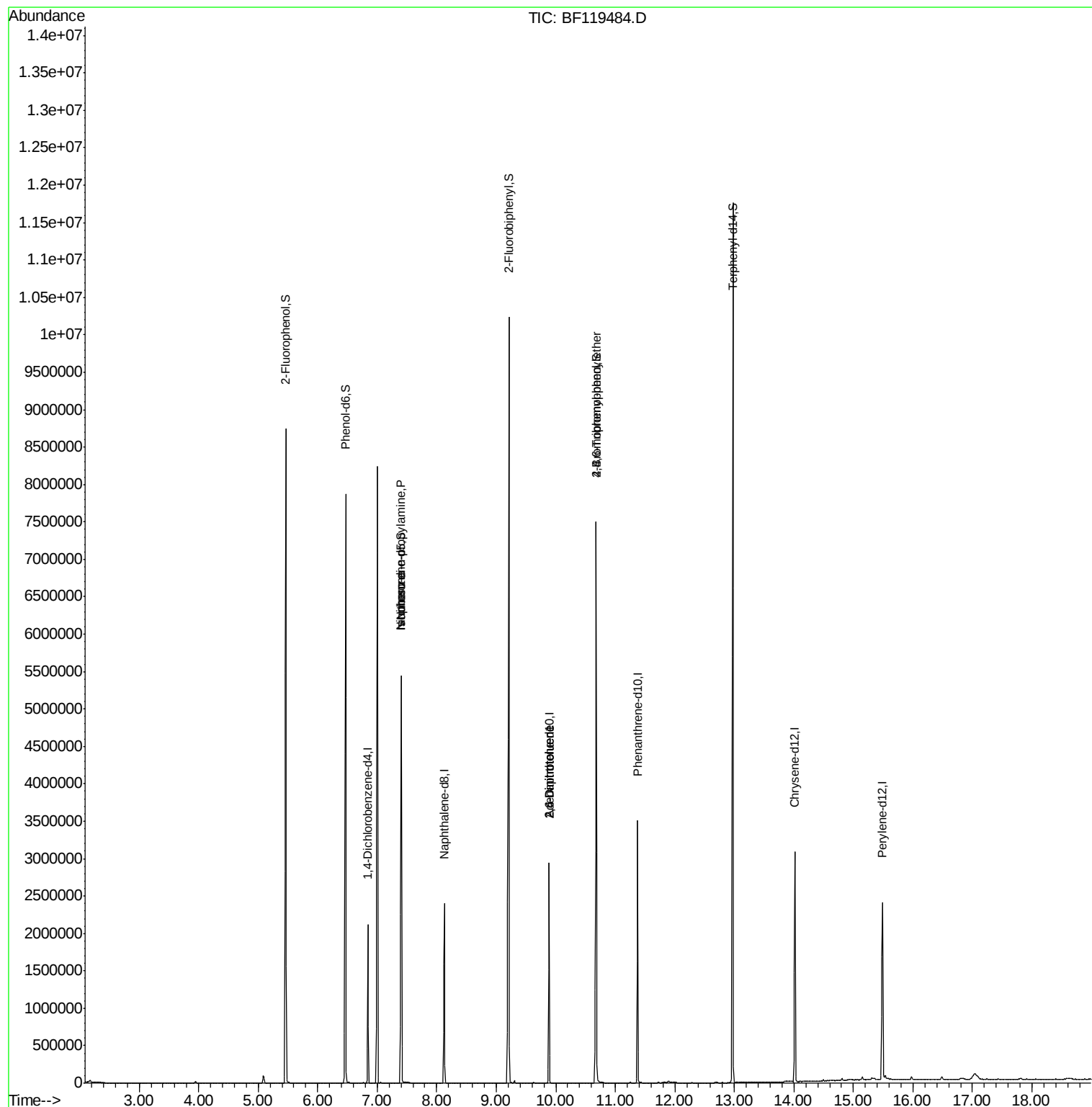
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	306345	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	1159480	20.00	ng	-0.02
39) Acenaphthene-d10	9.89	164	621940	20.00	ng	-0.02
64) Phenanthrene-d10	11.37	188	1260847	20.00	ng	-0.02
76) Chrysene-d12	14.02	240	1116626	20.00	ng	-0.02
87) Perylene-d12	15.49	264	1173101	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	2541591	132.07	ng	0.01
7) Phenol-d6	6.47	99	3230657	131.42	ng	0.00
23) Nitrobenzene-d5	7.40	82	2032160	95.25	ng	-0.02
42) 2,4,6-Tribromophenol	10.68	330	992779	154.73	ng	-0.01
45) 2-Fluorobiphenyl	9.21	172	3857853	91.89	ng	-0.01
79) Terphenyl-d14	12.97	244	4706646	82.58	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	269442	18.184	ng	# 75
25) Isophorone	7.40	82	2027591	46.851	ng	# 66
51) 2,6-Dinitrotoluene	9.89	165	79802	8.428	ng	# 19
57) 2,4-Dinitrotoluene	9.89	165	79802	6.690	ng	# 25
67) 4-Bromophenyl-phenylether	10.68	248	60246	4.196	ng	# 1

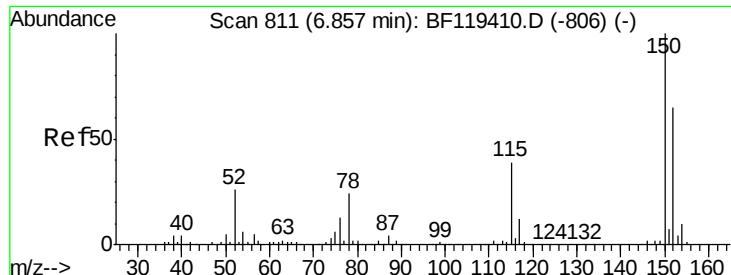
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032420\
Data File : BF119484.D
Acq On : 24 Mar 2020 11:02
Operator : CG/JU
Sample : PB127730BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB127730BL

Quant Time: Mar 24 11:52:57 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.85 min Scan# 809

Delta R.T. -0.01 min

Lab File: BF119484.D

Acq: 24 Mar 2020 11:02

Instrument :

BNA_F

ClientSampleId :

PB127730BL

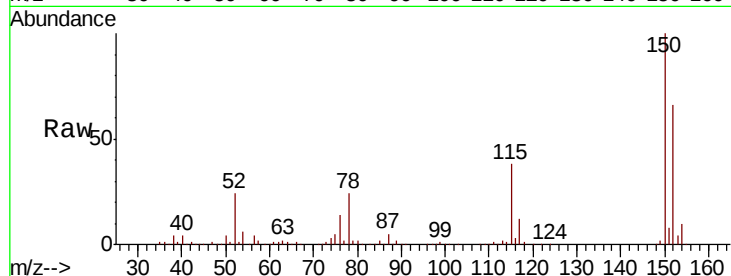
Tot Ion:152 Resp: 306345

Ion Ratio Lower Upper

152 100

150 151.6 123.9 185.9

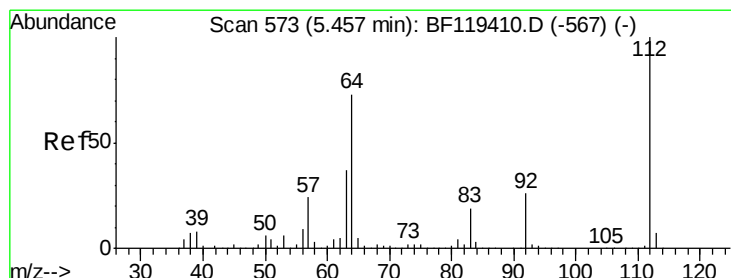
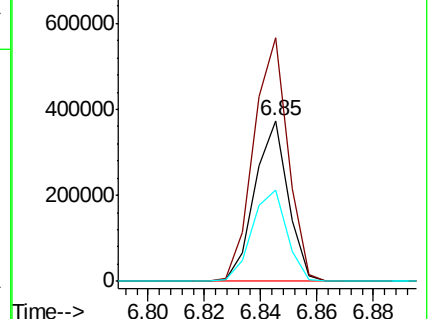
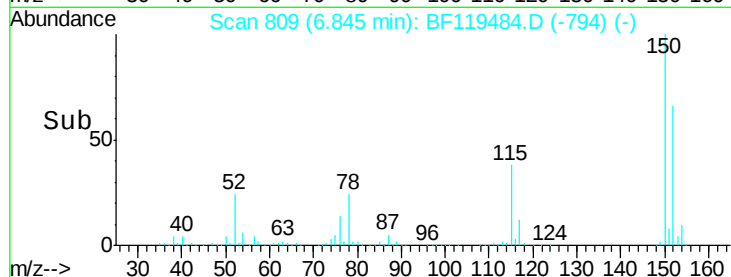
115 57.0 47.8 71.6



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: 132.072 ng

RT: 5.47 min Scan# 575

Delta R.T. 0.01 min

Lab File: BF119484.D

Acq: 24 Mar 2020 11:02

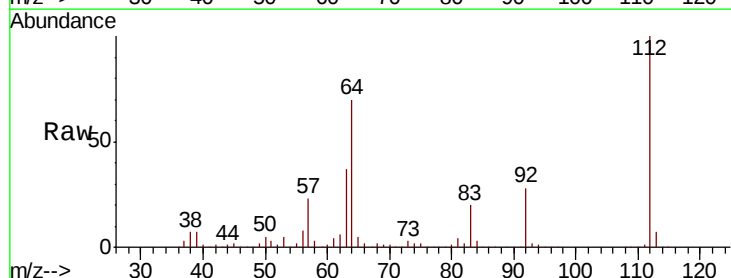
Tgt Ion:112 Resp: 2541591

Ion Ratio Lower Upper

112 100

64 69.8 58.1 87.1

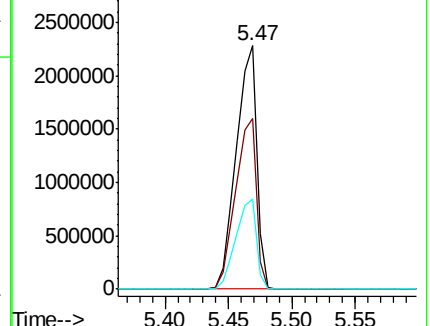
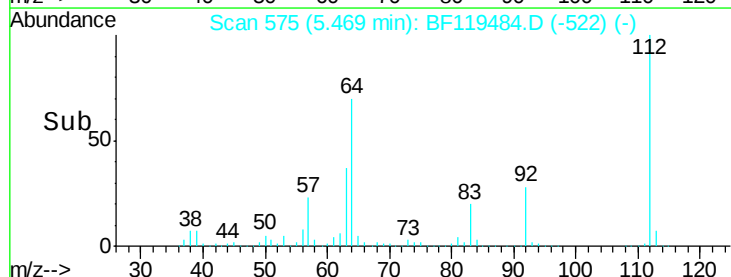
63 37.1 29.7 44.5

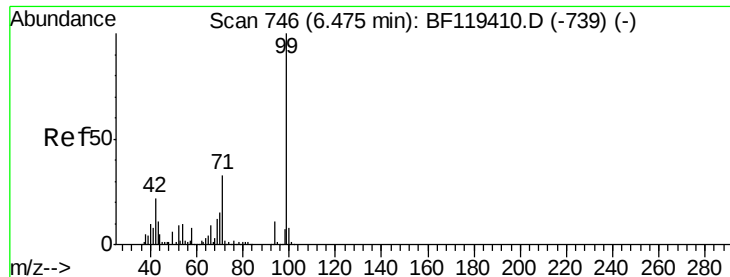


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 131.420 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF119484.D

Acq: 24 Mar 2020 11:02

Instrument :

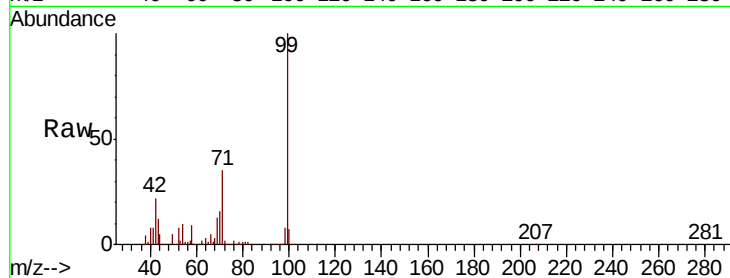
BNA_F

ClientSampleId :

PB127730BL

Tot Ion: 99 Resp: 3230657

Ion	Ratio	Lower	Upper
99	100		
42	21.7	17.8	26.6
71	34.7	26.0	39.0

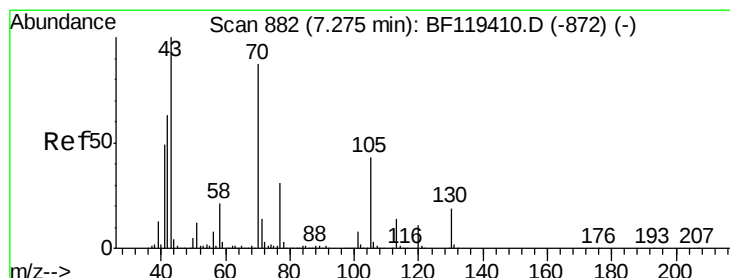
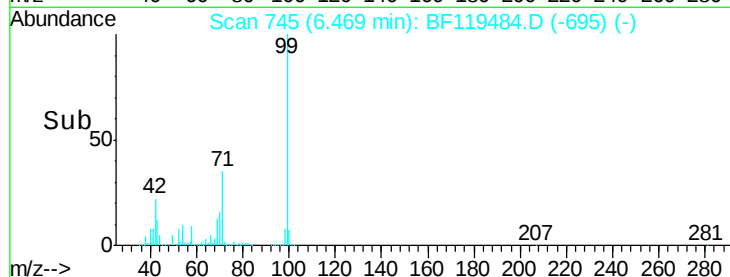
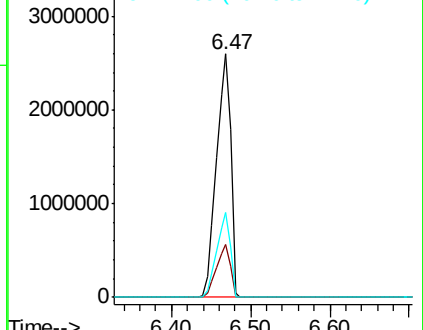


Abundance

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: 18.184 ng

RT: 7.40 min Scan# 904

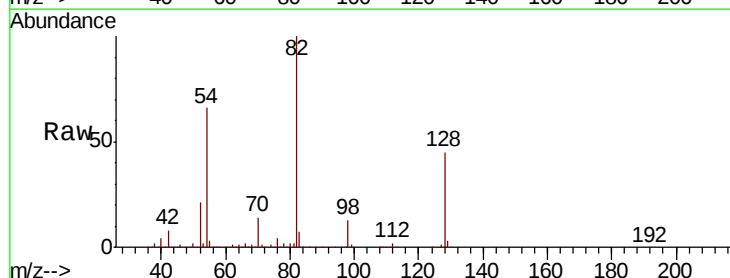
Delta R.T. 0.13 min

Lab File: BF119484.D

Acq: 24 Mar 2020 11:02

Tgt Ion: 70 Resp: 269442

Ion	Ratio	Lower	Upper
70	100		
42	55.9	58.2	87.4#
101	0.0	7.4	11.2#
130	2.1	17.8	26.8#



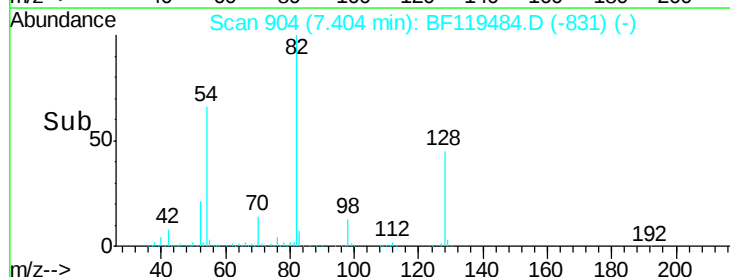
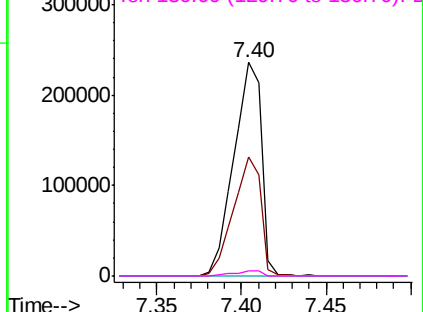
Abundance

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: 20.000 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.02 min

Lab File: BF119484.D

Acq: 24 Mar 2020 11:02

Instrument :

BNA_F

ClientSampleId :

PB127730BL

Tot Ion:136 Resp: 1159480

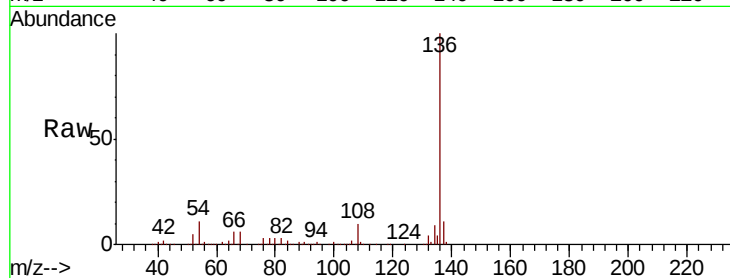
Ion Ratio Lower Upper

136 100

137 11.3 8.4 12.6

54 11.2 8.3 12.5

68 6.1 4.9 7.3

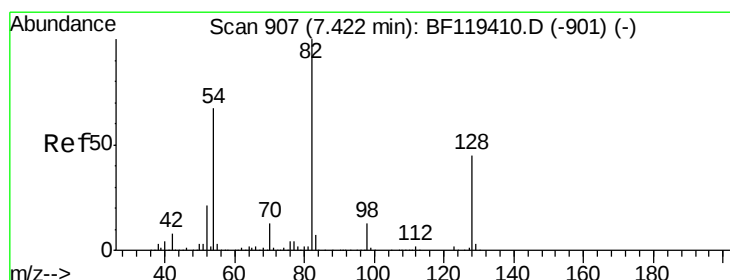
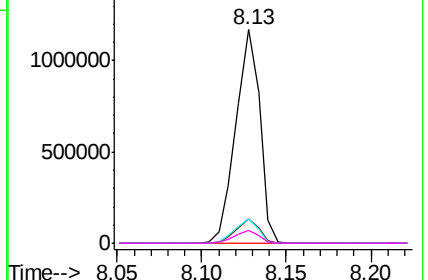
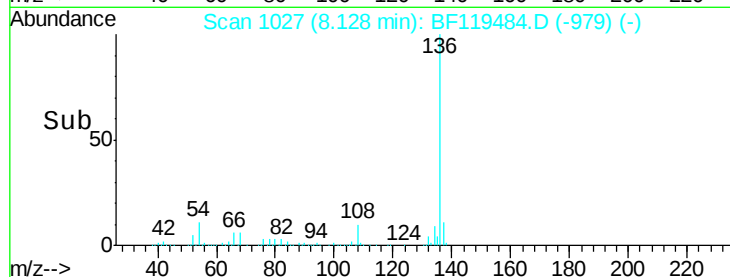


Abundance Ion 136.00 (135.70 to 136.70): E

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: 95.253 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.02 min

Lab File: BF119484.D

Acq: 24 Mar 2020 11:02

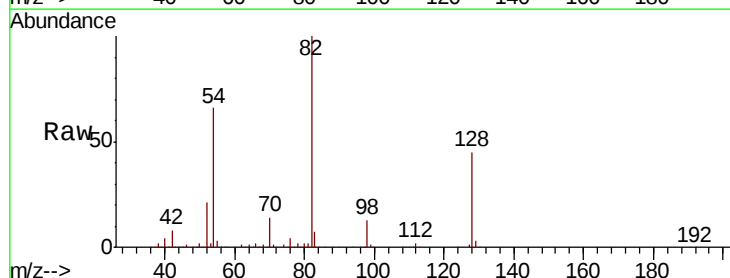
Tgt Ion: 82 Resp: 2032160

Ion Ratio Lower Upper

82 100

128 45.2 35.8 53.8

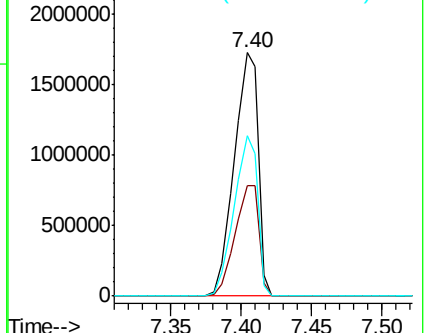
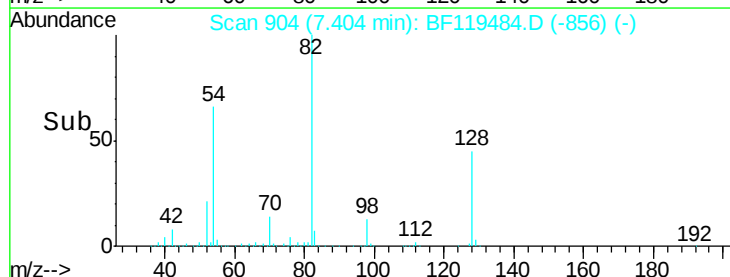
54 65.8 53.4 80.0

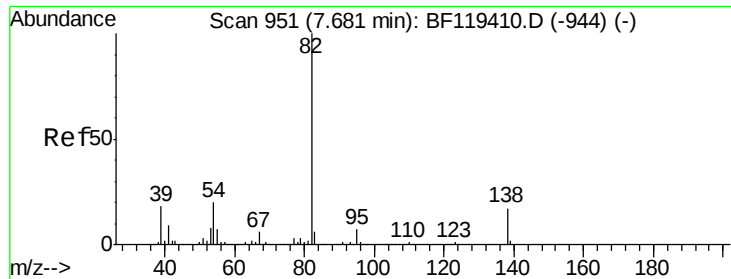


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 46.851 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.28 min

Lab File: BF119484.D

Acq: 24 Mar 2020 11:02

Instrument :

BNA_F

ClientSampleId :

PB127730BL

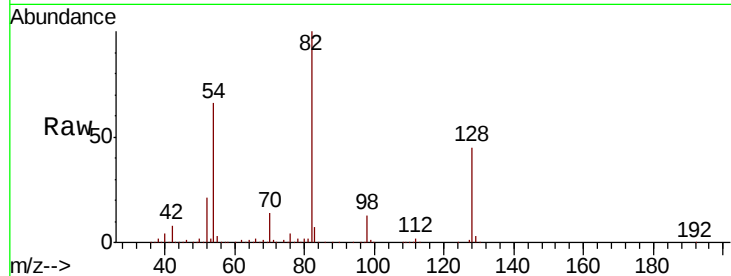
Tot Ion: 82 Resp: 2027591

Ion Ratio Lower Upper

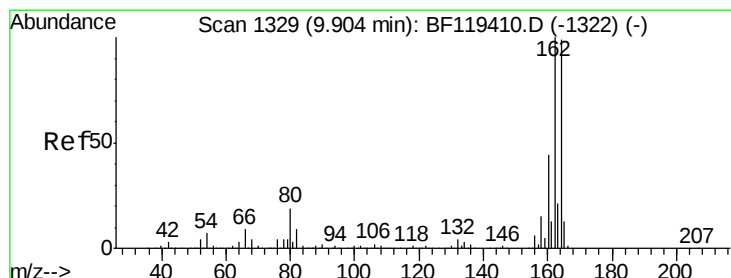
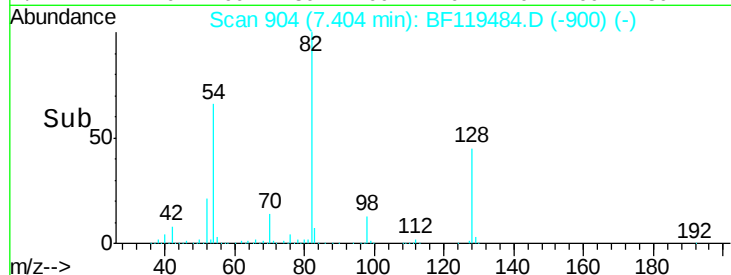
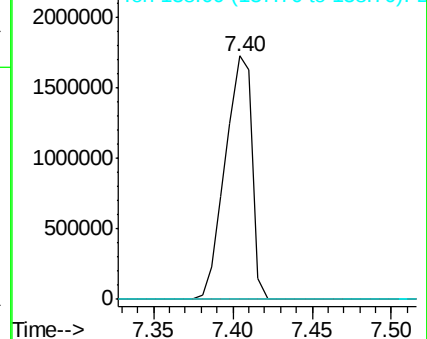
82 100

95 0.0 5.4 8.2#

138 0.0 13.8 20.8#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.02 min

Lab File: BF119484.D

Acq: 24 Mar 2020 11:02

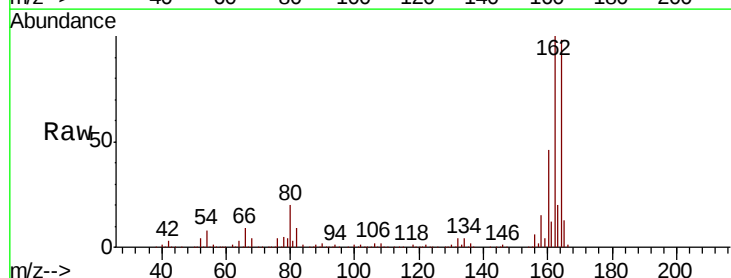
Tgt Ion:164 Resp: 621940

Ion Ratio Lower Upper

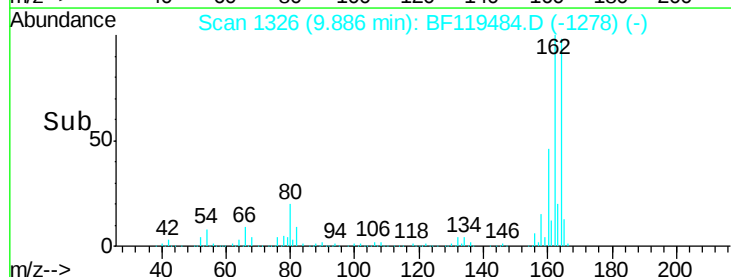
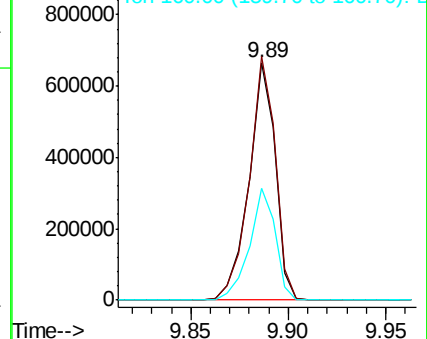
164 100

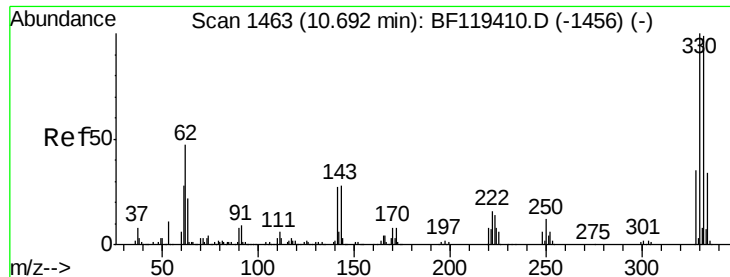
162 102.5 80.7 121.1

160 47.0 35.5 53.3



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: 154.727 ng

RT: 10.68 min Scan# 1461

Delta R.T. -0.01 min

Lab File: BF119484.D

Acq: 24 Mar 2020 11:02

Instrument :

BNA_F

ClientSampleId :

PB127730BL

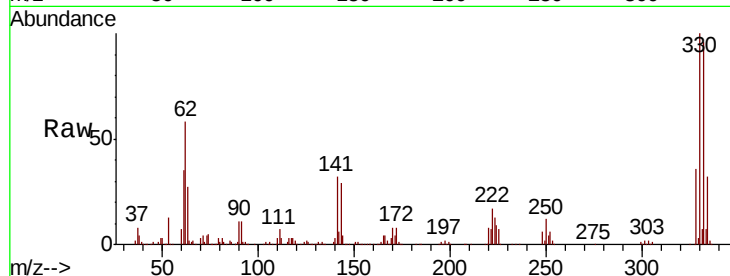
Tot Ion:330 Resp: 992779

Ion Ratio Lower Upper

330 100

332 96.0 77.6 116.4

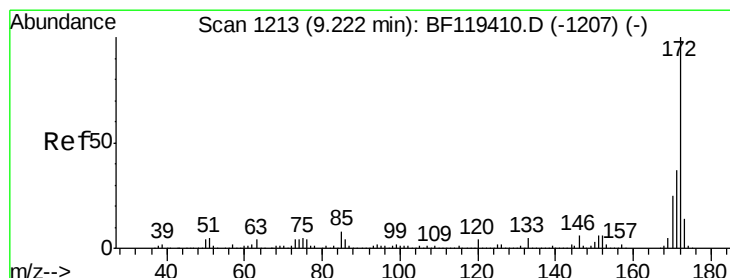
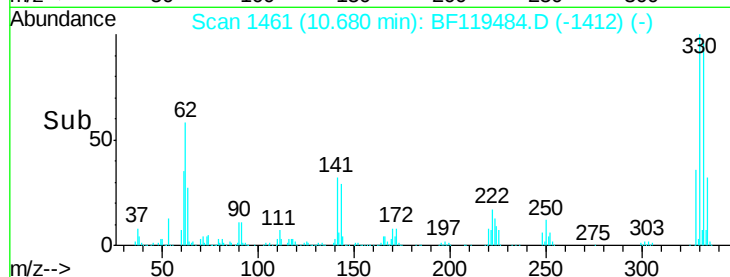
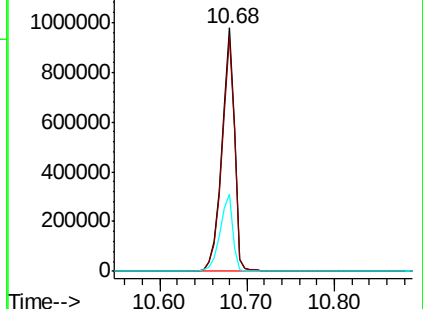
141 31.6 26.6 40.0



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: 91.895 ng

RT: 9.21 min Scan# 1211

Delta R.T. -0.01 min

Lab File: BF119484.D

Acq: 24 Mar 2020 11:02

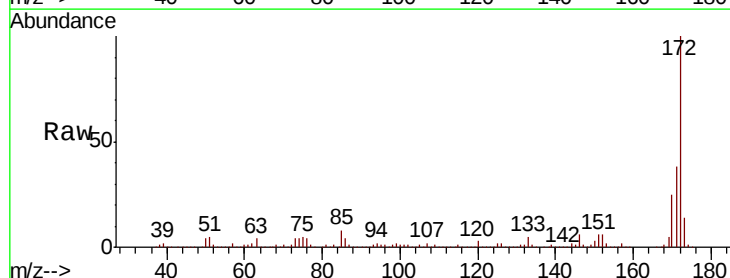
Tgt Ion:172 Resp: 3857853

Ion Ratio Lower Upper

172 100

171 38.1 29.9 44.9

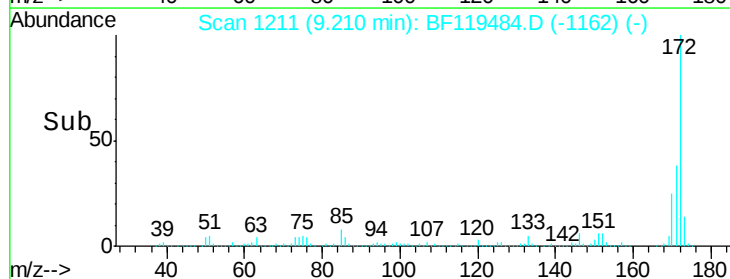
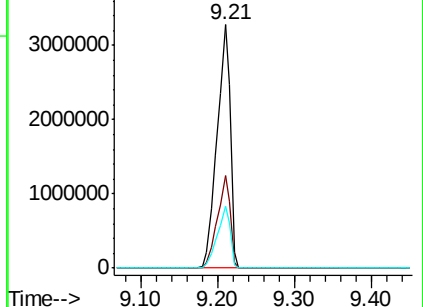
170 25.4 20.1 30.1

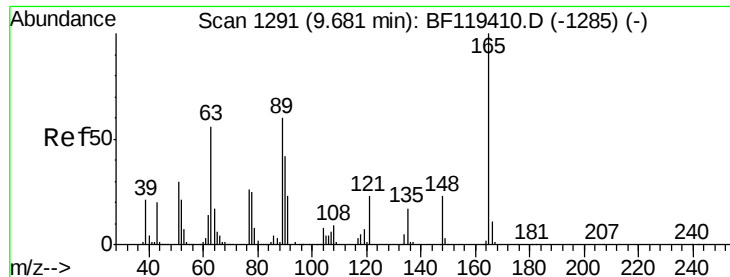


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

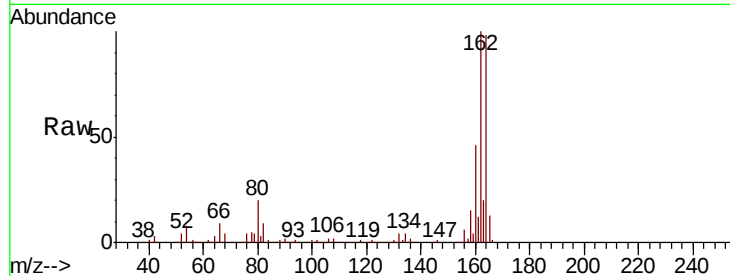




#51
 2,6-Dinitrotoluene
 Concen: 8.428 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.21 min
 Lab File: BF119484.D
 Acq: 24 Mar 2020 11:02

Instrument :
 BNA_F
 ClientSampleId :
 PB127730BL

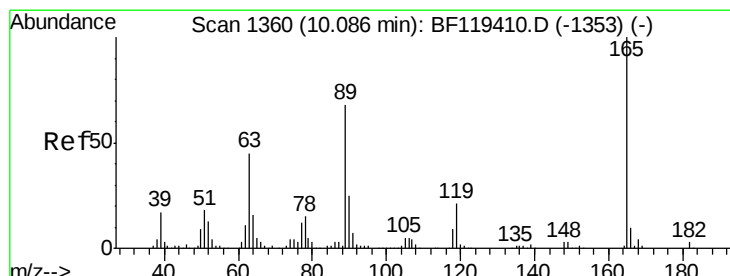
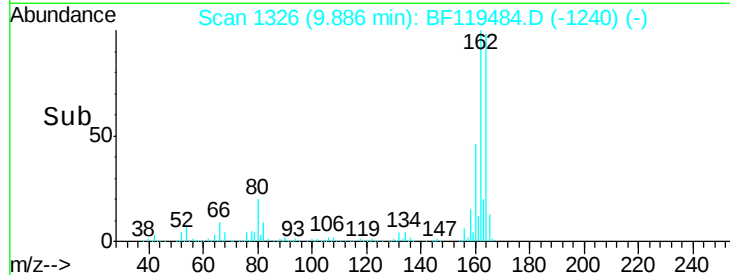
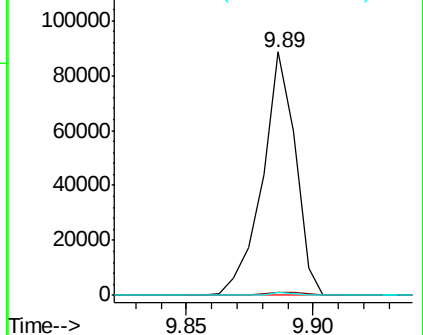
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	57.3	85.9#
89	1.3	47.8	71.8#



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: 6.690 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.20 min
 Lab File: BF119484.D
 Acq: 24 Mar 2020 11:02

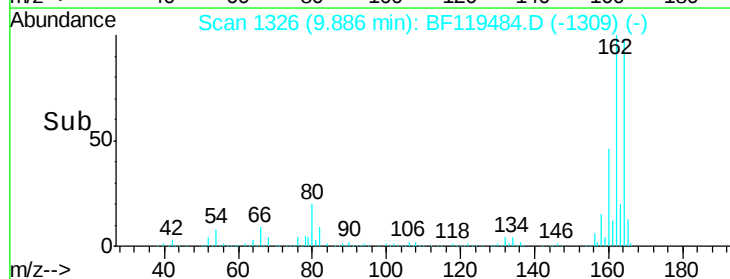
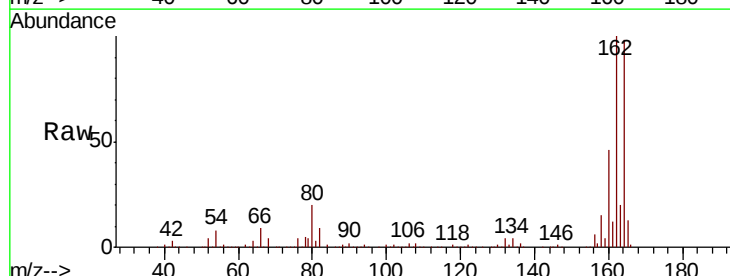
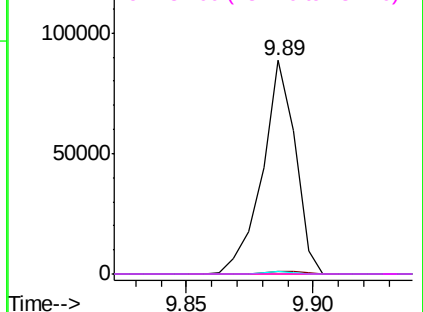
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.2	54.4#
89	1.3	54.3	81.5#
182	0.0	2.0	3.0#

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: 20.000 ng

RT: 11.37 min Scan# 1579

Delta R.T. -0.02 min

Lab File: BF119484.D

Acq: 24 Mar 2020 11:02

Instrument :

BNA_F

ClientSampleId :

PB127730BL

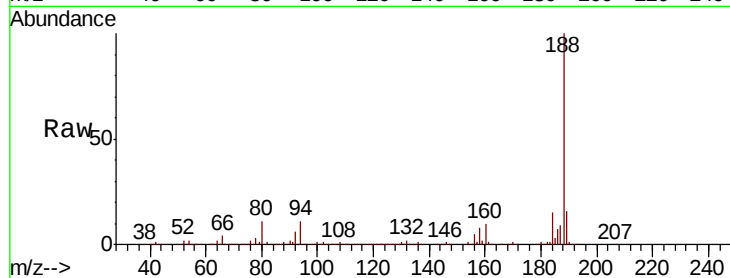
Tot Ion:188 Resp: 1260847

Ion Ratio Lower Upper

188 100

94 10.5 7.1 10.7

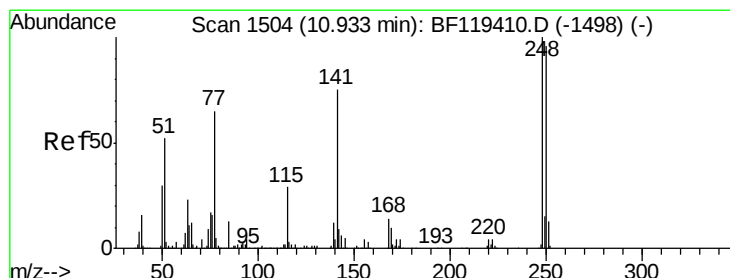
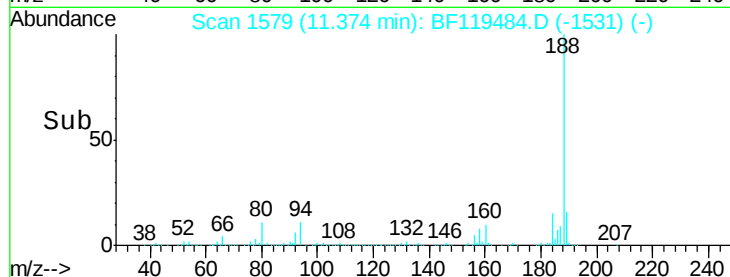
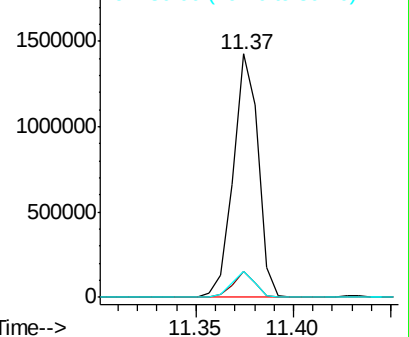
80 10.8 7.5 11.3



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: 4.196 ng

RT: 10.68 min Scan# 1461

Delta R.T. -0.25 min

Lab File: BF119484.D

Acq: 24 Mar 2020 11:02

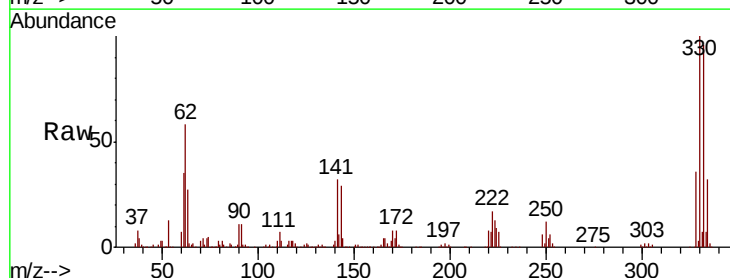
Tgt Ion:248 Resp: 60246

Ion Ratio Lower Upper

248 100

250 201.1 77.0 115.6#

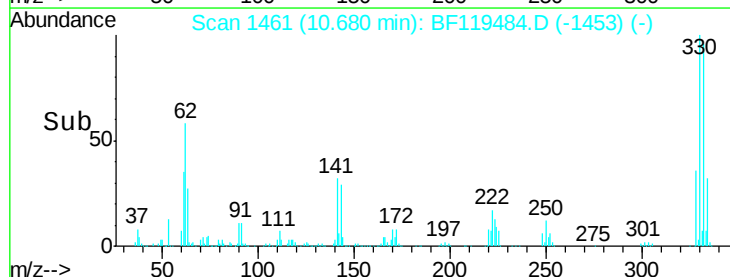
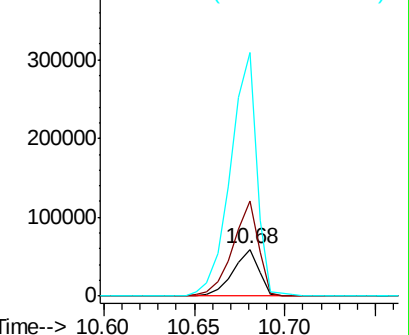
141 517.5 59.7 89.5#

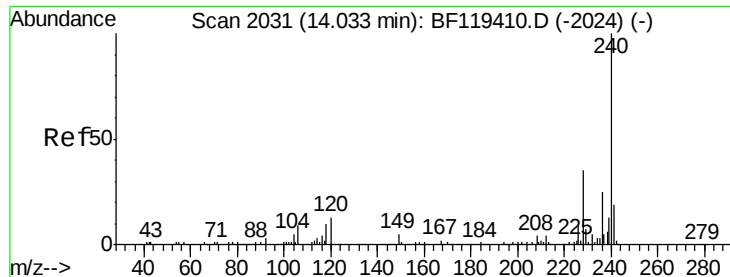


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

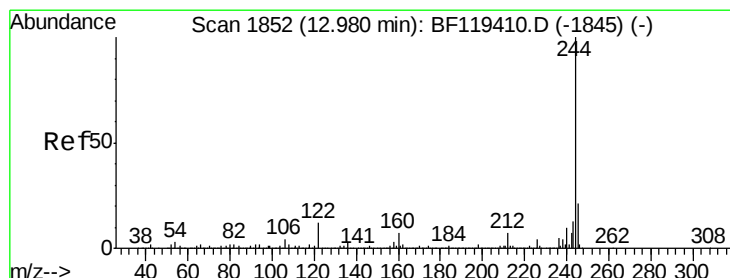
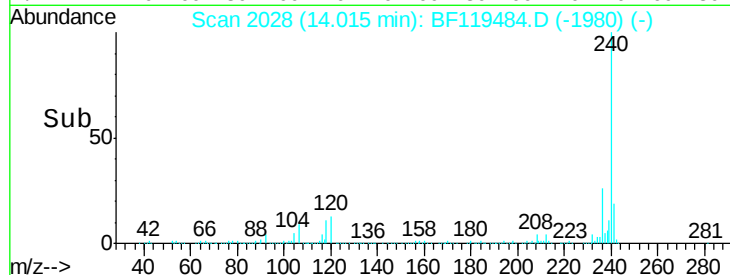
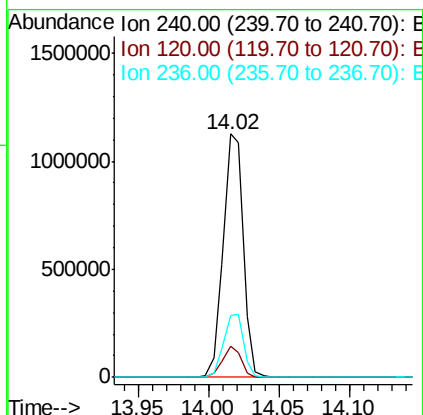
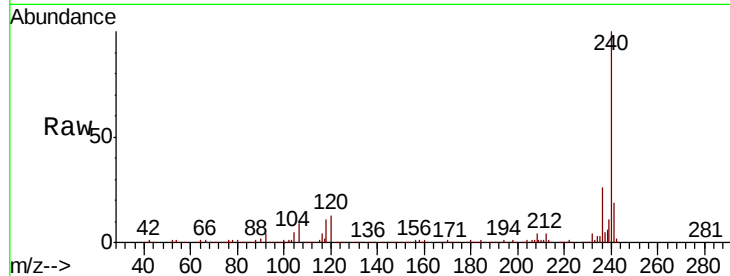




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.02 min
Lab File: BF119484.D
Acq: 24 Mar 2020 11:02

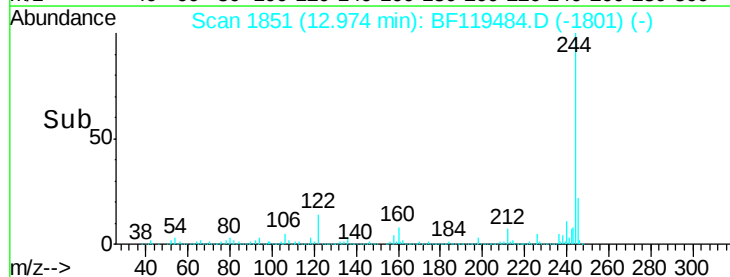
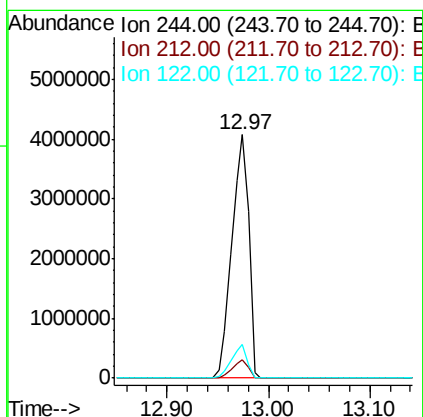
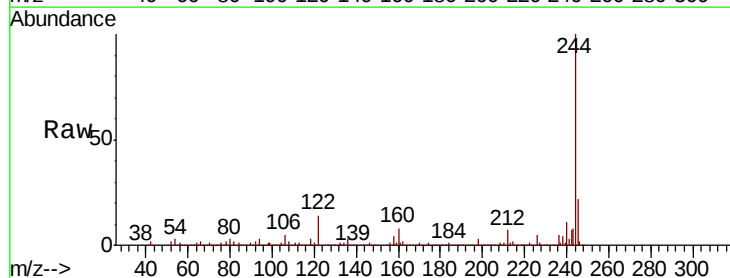
Instrument :
BNA_F
ClientSampleId :
PB127730BL

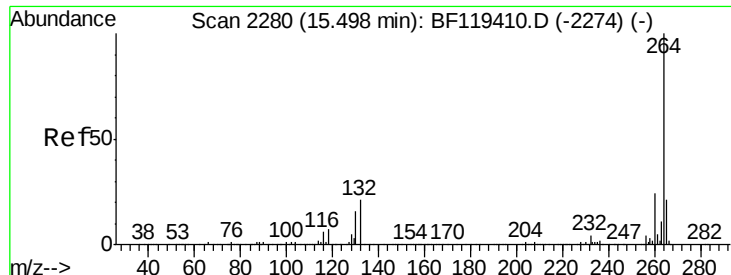
Tot Ion:240 Resp: 1116626
Ion Ratio Lower Upper
240 100
120 12.9 10.2 15.4
236 25.6 20.4 30.6



#79
Terphenyl-d14
Concen: 82.582 ng
RT: 12.97 min Scan# 1851
Delta R.T. -0.01 min
Lab File: BF119484.D
Acq: 24 Mar 2020 11:02

Tgt Ion:244 Resp: 4706646
Ion Ratio Lower Upper
244 100
212 7.4 5.7 8.5
122 13.7 9.8 14.8

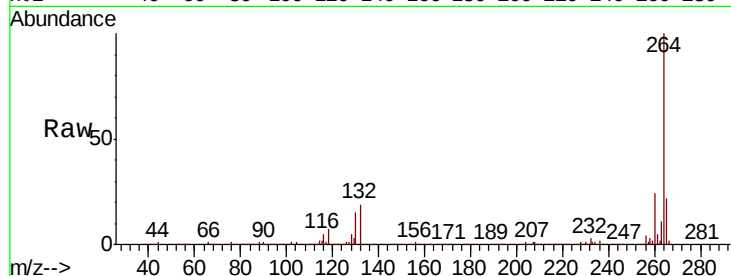




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2278
 Delta R.T. -0.01 min
 Lab File: BF119484.D
 Acq: 24 Mar 2020 11:02

Instrument :
 BNA_F
 ClientSampleId :
 PB127730BL

Tot Ion:264 Resp: 1173101
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 22.5 16.9 25.3



Abundance Ion 264.00 (263.70 to 264.70): E
 1200000
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

