

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040120\
 Data File : BF119702.D
 Acq On : 2 Apr 2020 7:34
 Operator : MA/SJ
 Sample : L2096-01
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-1-2-TP

Quant Time: Apr 02 08:07:58 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 01 11:59:45 2020
 Response via : Initial Calibration

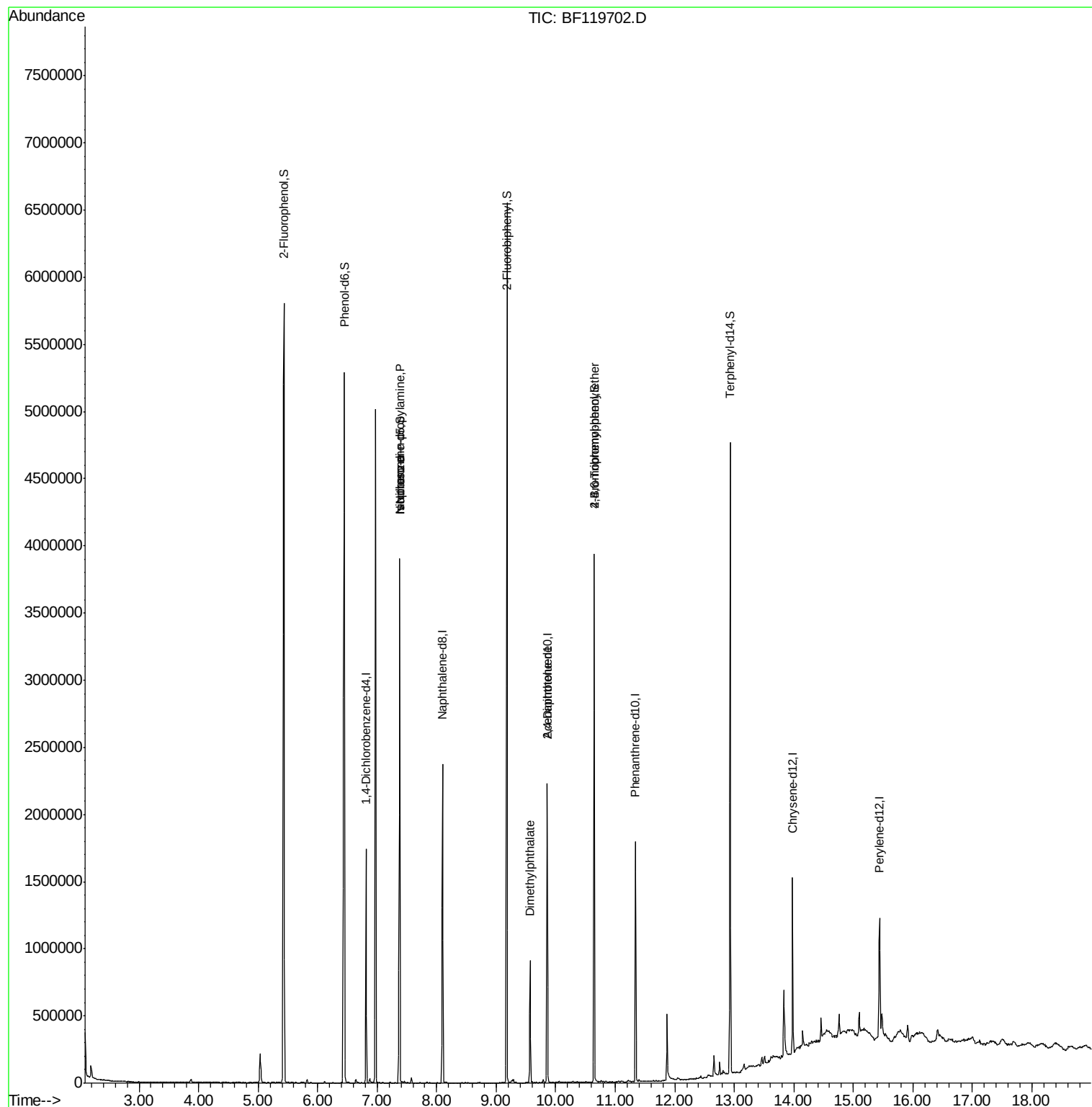
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	246922	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	905919	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	419729	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	666869	20.00	ng	-0.01
76) Chrysene-d12	13.98	240	415880	20.00	ng	-0.02
87) Perylene-d12	15.44	264	390664	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1642242	105.88	ng	0.02
7) Phenol-d6	6.45	99	2072794	104.61	ng	0.00
23) Nitrobenzene-d5	7.38	82	1269811	76.18	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	444762	102.71	ng	0.00
45) 2-Fluorobiphenyl	9.18	172	2172350	76.68	ng	0.00
79) Terphenyl-d14	12.93	244	1742277	82.08	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.38	70	166151	13.91	ng	# 74
25) Isophorone	7.38	82	1267435	37.48	ng	# 65
50) Dimethylphthalate	9.57	163	307787	10.32	ng	99
57) 2,4-Dinitrotoluene	9.86	165	54967	6.83	ng	# 20
67) 4-Bromophenyl-phenylether	10.65	248	28312	3.73	ng	# 1

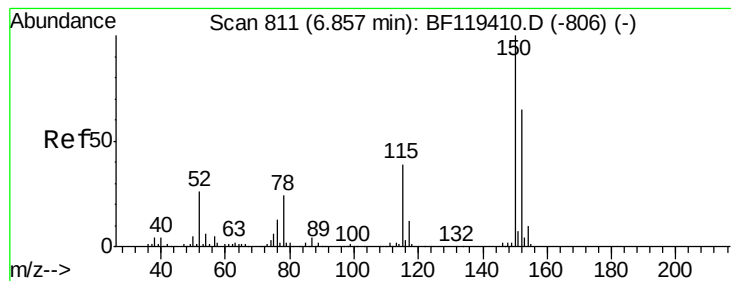
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040120\
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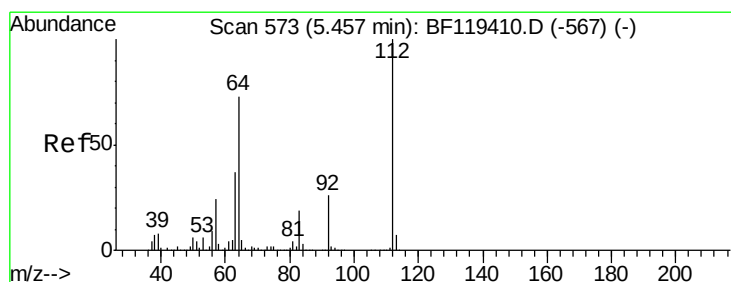
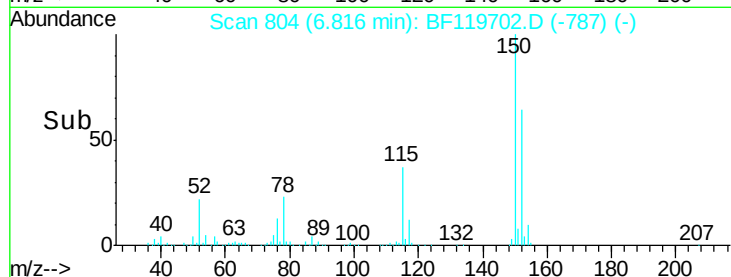
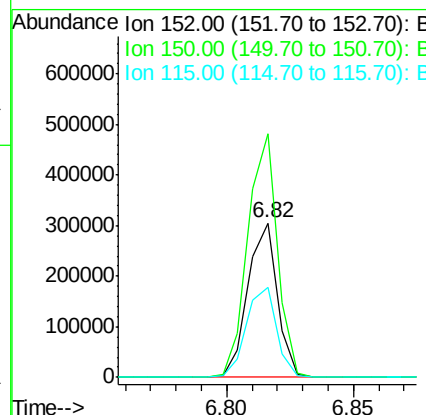
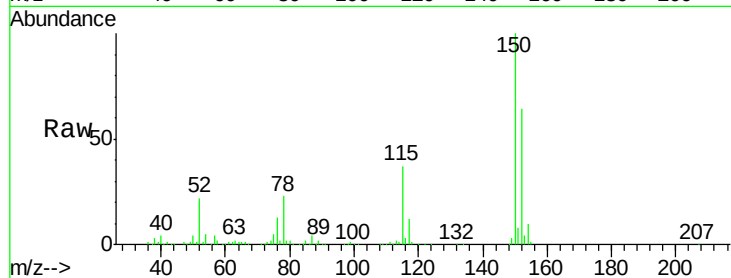


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF119702.D
Acq: 2 Apr 2020 7:34

Instrument :
BNA_F
ClientSampleId :
RO-1-2-TP

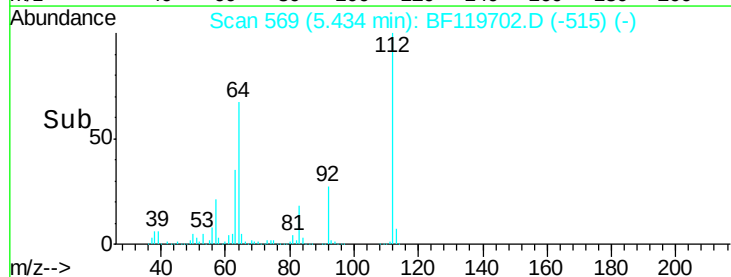
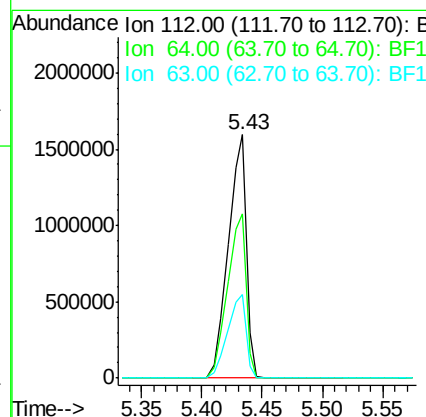
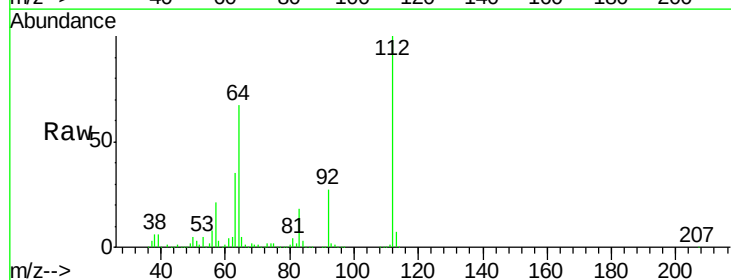
Tgt Ion:152 Resp: 246922
Ion Ratio Lower Upper
152 100
150 157.5 124.5 186.7
115 57.8 49.6 74.4

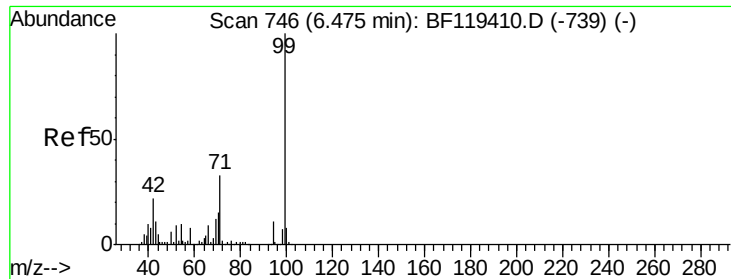


#5

2-Fluorophenol
Concen: 105.88 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.02 min
Lab File: BF119702.D
Acq: 2 Apr 2020 7:34

Tgt Ion:112 Resp: 1642242
Ion Ratio Lower Upper
112 100
64 67.5 56.7 85.1
63 34.6 29.5 44.3





#7

Phenol-d6

Concen: 104.61 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF119702.D

Acq: 2 Apr 2020 7:34

Instrument :

BNA_F

ClientSampleId :

RO-1-2-TP

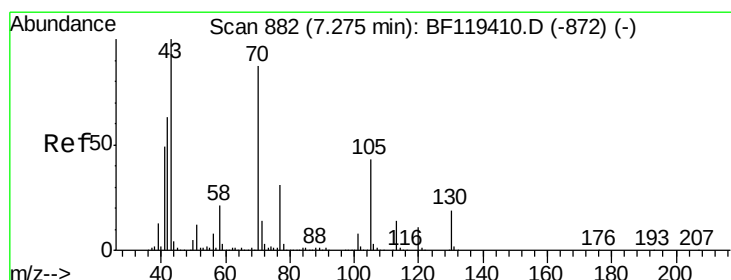
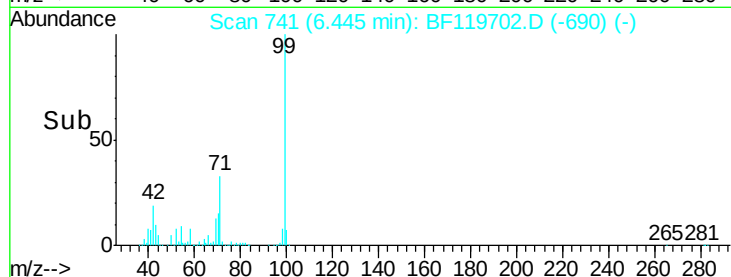
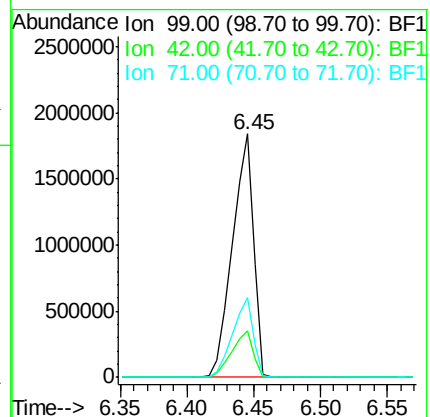
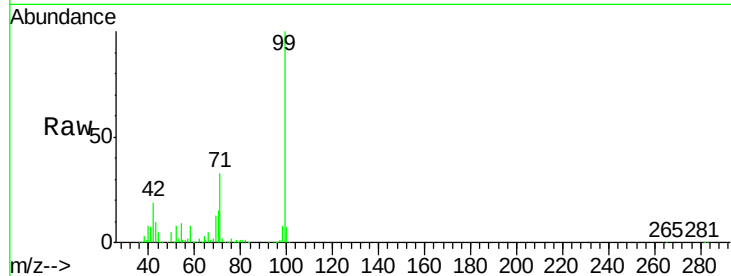
Tgt Ion: 99 Resp: 2072794

Ion Ratio Lower Upper

99 100

42 19.4 16.6 24.8

71 32.7 26.4 39.6



#19

n-Nitroso-di-n-propylamine

Concen: 13.91 ng

RT: 7.38 min Scan# 900

Delta R.T. 0.15 min

Lab File: BF119702.D

Acq: 2 Apr 2020 7:34

Tgt Ion: 70 Resp: 166151

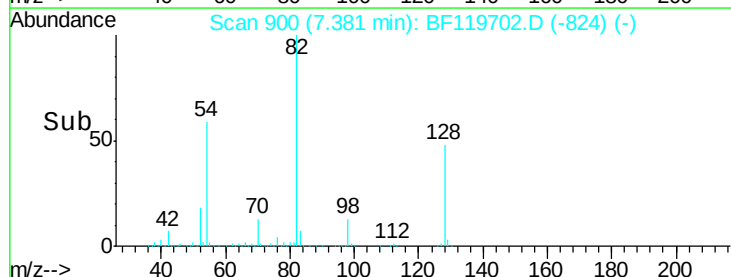
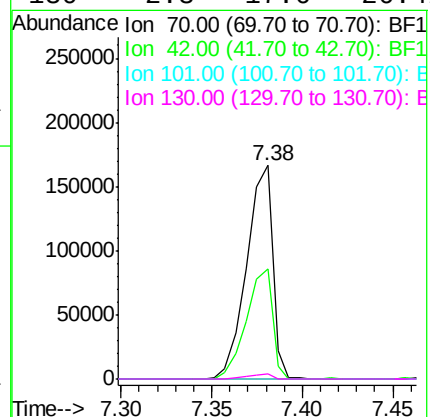
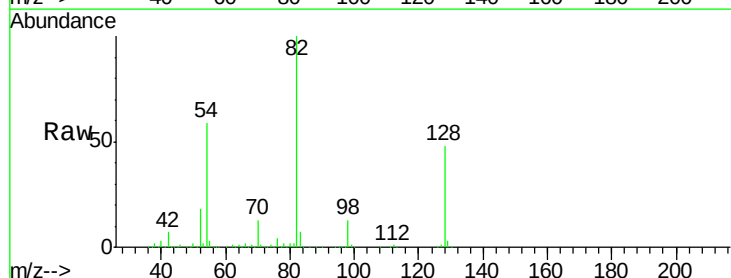
Ion Ratio Lower Upper

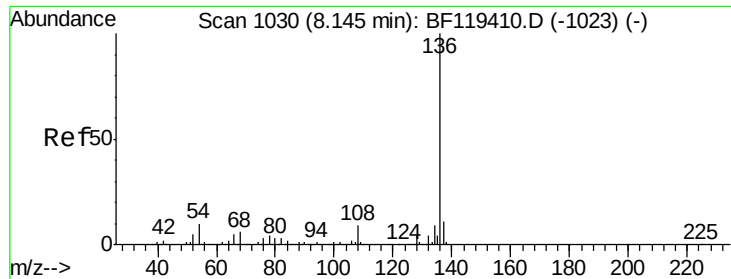
70 100

42 51.4 54.5 81.7#

101 0.0 7.6 11.4#

130 2.3 17.6 26.4#

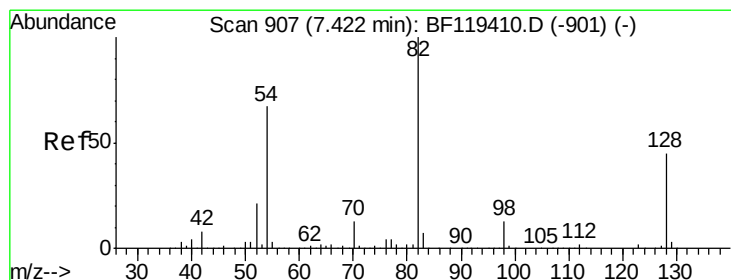
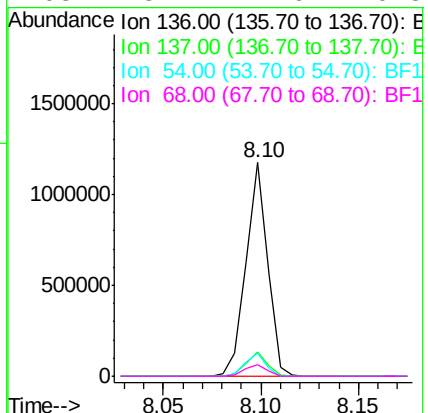
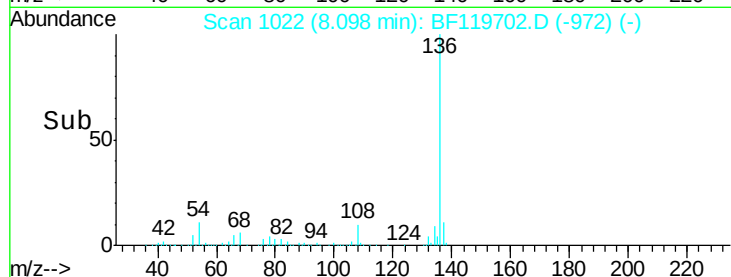
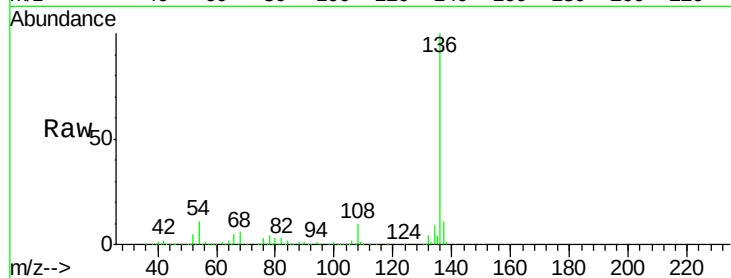




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF119702.D
Acq: 2 Apr 2020 7:34

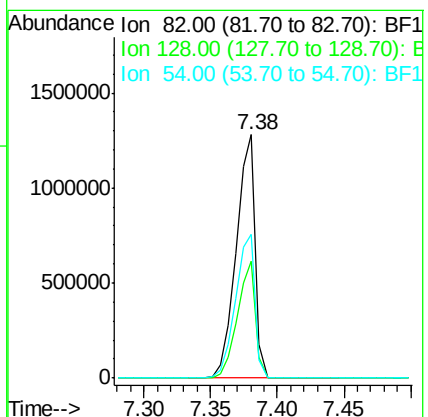
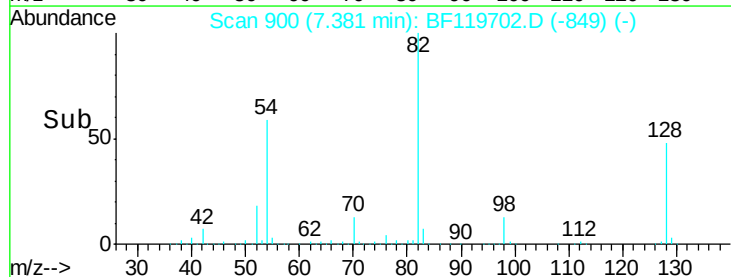
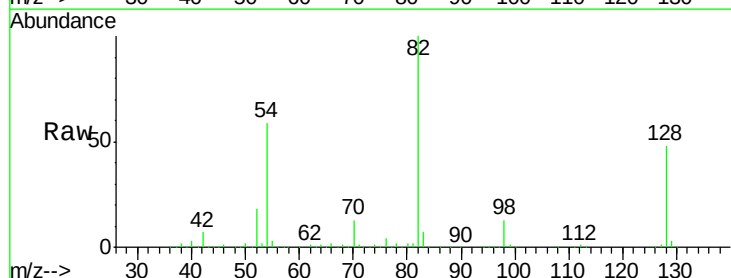
Instrument :
BNA_F
ClientSampleId :
RO-1-2-TP

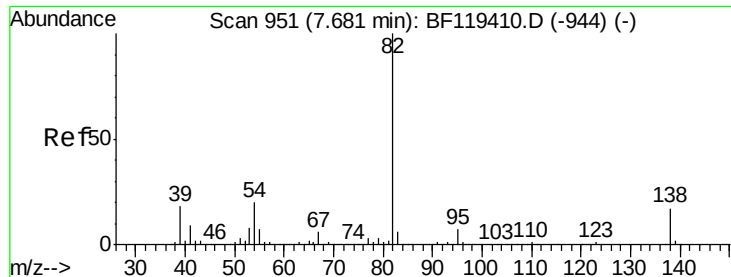
Tgt Ion:	136	Resp:	905919
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.7	13.1
54	10.6	9.1	13.7
68	5.7	4.6	6.8



#23
Nitrobenzene-d5
Concen: 76.18 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.00 min
Lab File: BF119702.D
Acq: 2 Apr 2020 7:34

Tgt Ion:	82	Resp:	1269811
Ion	Ratio	Lower	Upper
82	100		
128	47.8	36.3	54.5
54	59.0	50.6	75.8





#25

Isophorone

Concen: 37.48 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.26 min

Lab File: BF119702.D

Acq: 2 Apr 2020 7:34

Instrument :

BNA_F

ClientSampleId :

RO-1-2-TP

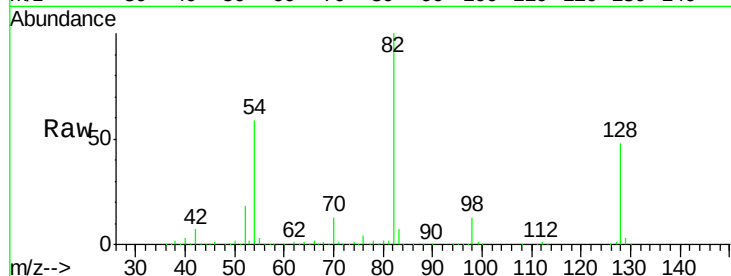
Tgt Ion: 82 Resp: 1267435

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

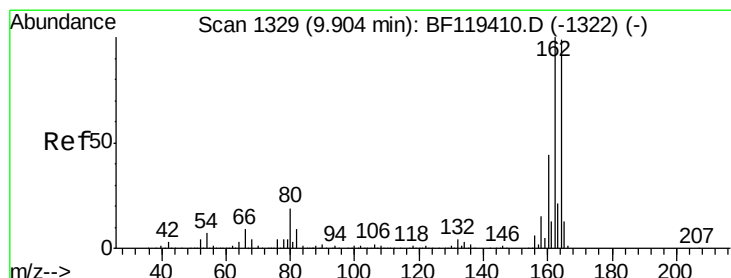
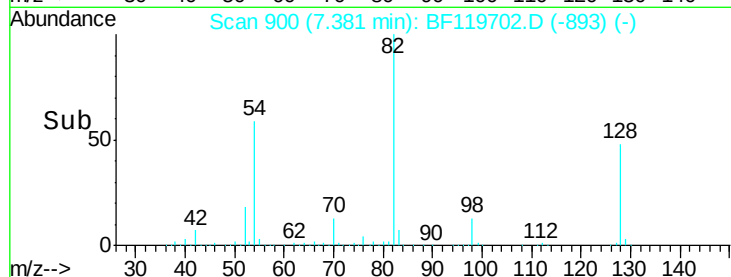
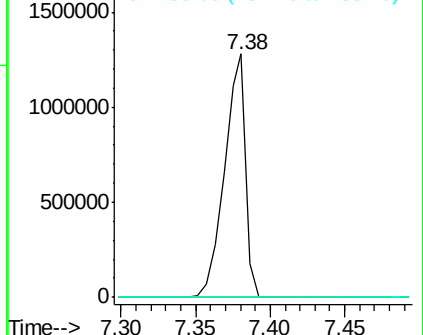
138 0.0 14.6 21.8#



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: 9.86 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BF119702.D

Acq: 2 Apr 2020 7:34

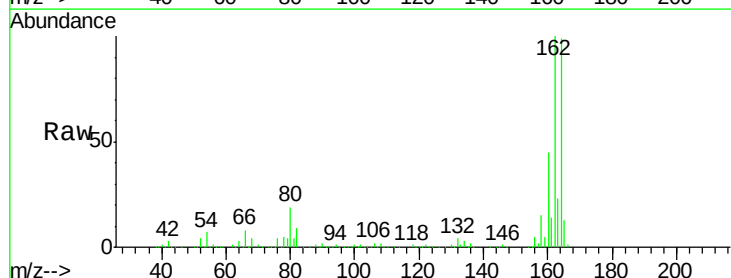
Tgt Ion: 164 Resp: 419729

Ion Ratio Lower Upper

164 100

162 101.0 80.6 121.0

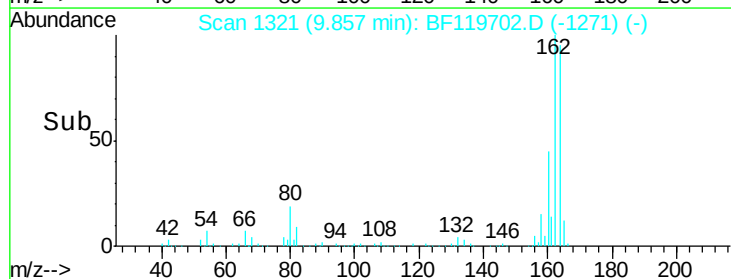
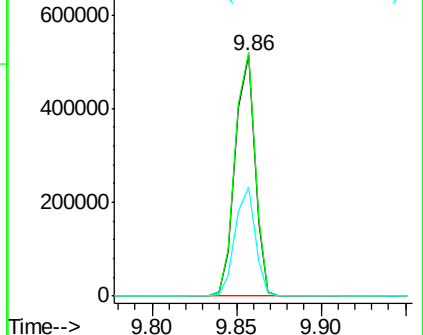
160 45.2 35.7 53.5

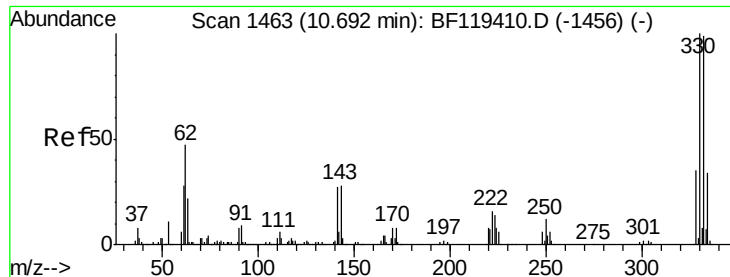


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

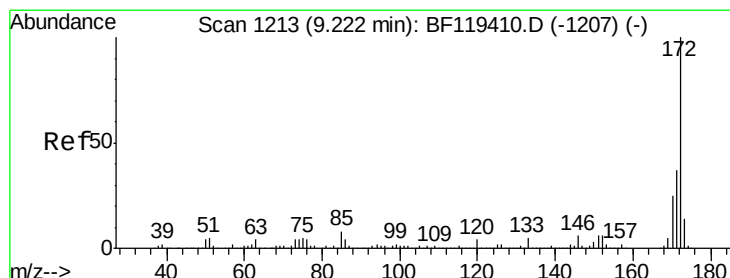
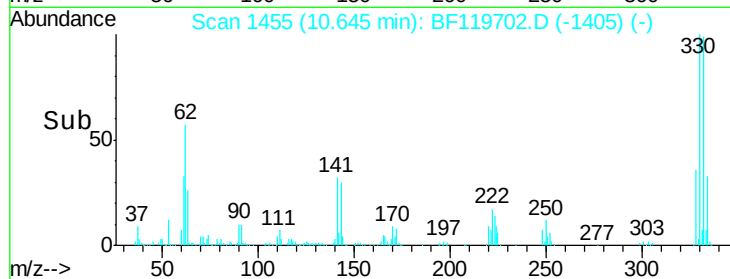
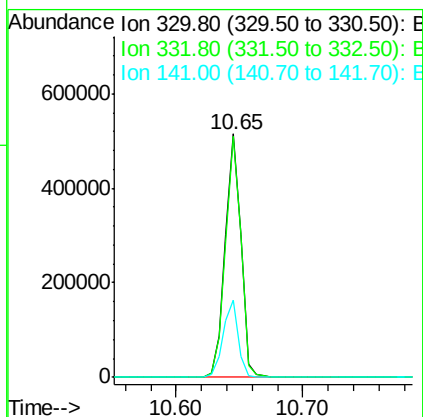
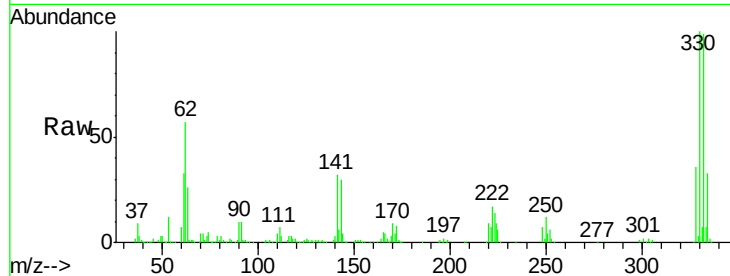




#42
 2,4,6-Tribromophenol
 Concen: 102.71 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.01 min
 Lab File: BF119702.D
 Acq: 2 Apr 2020 7:34

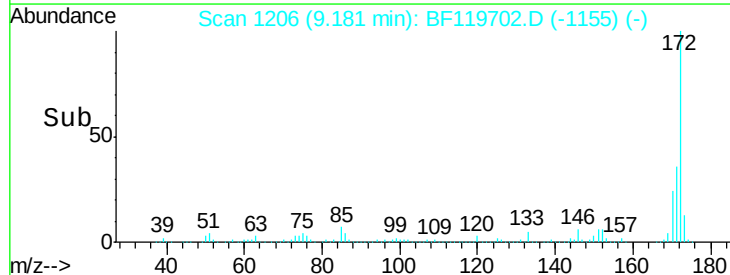
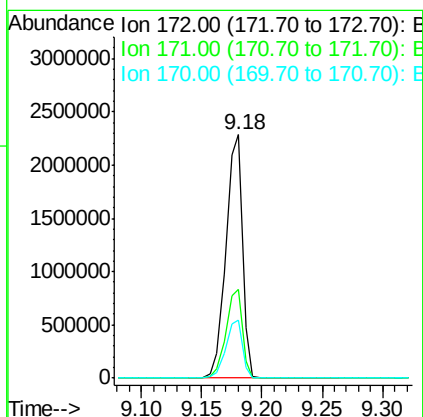
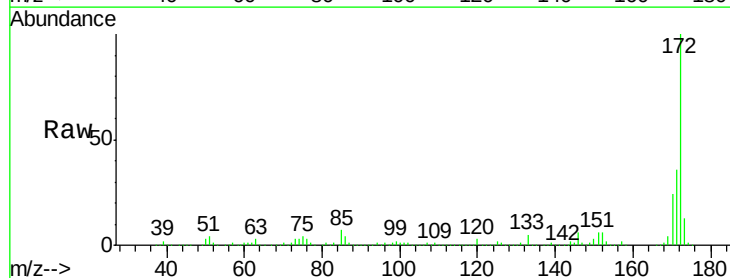
Instrument :
 BNA_F
 ClientSampleId :
 RO-1-2-TP

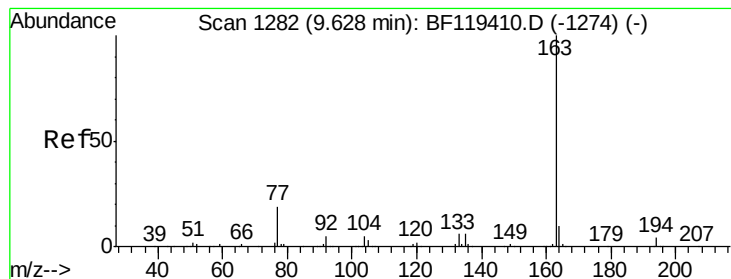
Tgt Ion:330 Resp: 444762
 Ion Ratio Lower Upper
 330 100
 332 98.3 75.7 113.5
 141 30.7 25.4 38.0



#45
 2-Fluorobiphenyl
 Concen: 76.68 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.00 min
 Lab File: BF119702.D
 Acq: 2 Apr 2020 7:34

Tgt Ion:172 Resp: 2172350
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.6 44.4
 170 24.0 20.2 30.2





#50

Dimethylphthalate

Concen: 10.32 ng

RT: 9.57 min Scan# 1272

Delta R.T. -0.02 min

Lab File: BF119702.D

Acq: 2 Apr 2020 7:34

Instrument :

BNA_F

ClientSampled :

RO-1-2-TP

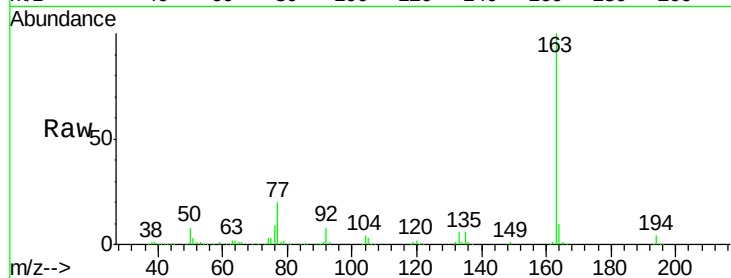
Tgt Ion:163 Resp: 307787

Ion Ratio Lower Upper

163 100

194 4.2 3.1 4.7

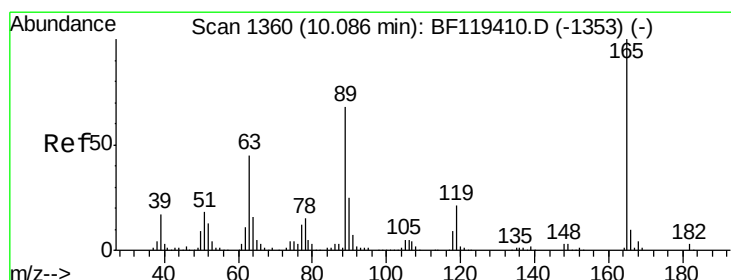
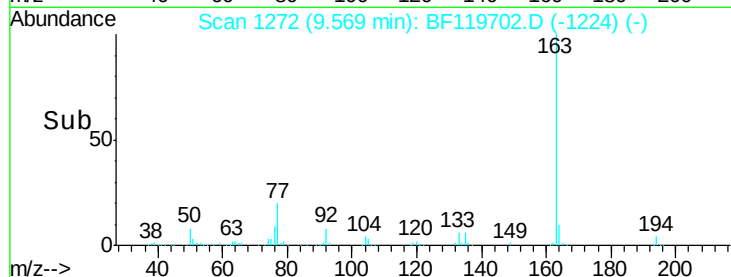
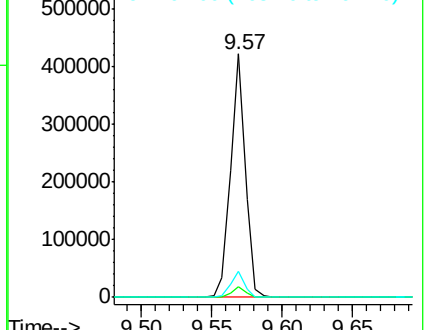
164 10.5 8.2 12.2



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: 6.83 ng

RT: 9.86 min Scan# 1321

Delta R.T. -0.19 min

Lab File: BF119702.D

Acq: 2 Apr 2020 7:34

Tgt Ion:165 Resp: 54967

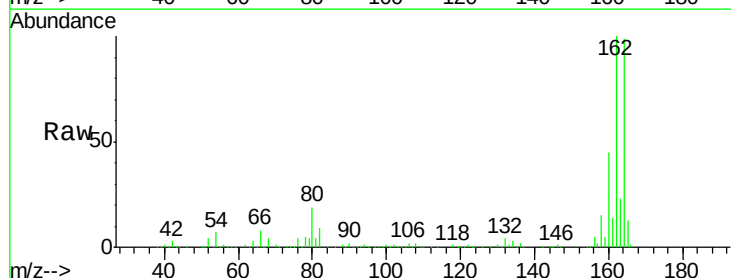
Ion Ratio Lower Upper

165 100

63 1.2 42.6 64.0#

89 0.9 61.0 91.4#

182 0.0 2.2 3.2#

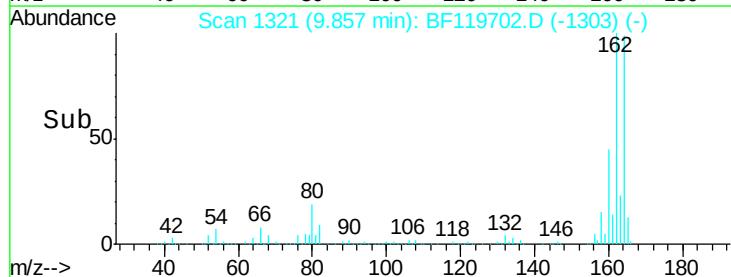
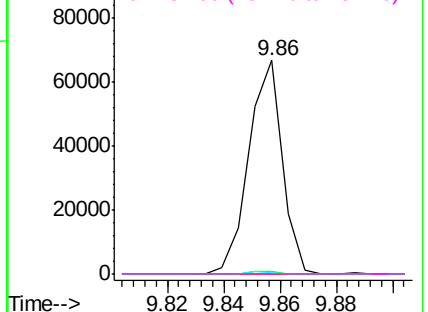


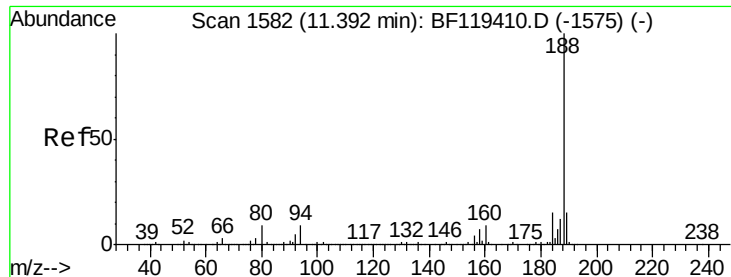
Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.34 min Scan# 1573

Delta R.T. -0.01 min

Lab File: BF119702.D

Acq: 2 Apr 2020 7:34

Instrument :

BNA_F

ClientSampleId :

RO-1-2-TP

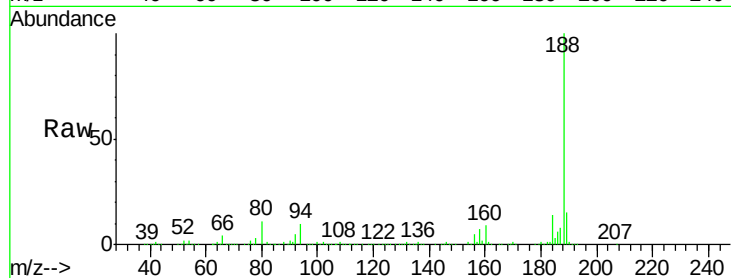
Tgt Ion:188 Resp: 666869

Ion Ratio Lower Upper

188 100

94 10.5 7.5 11.3

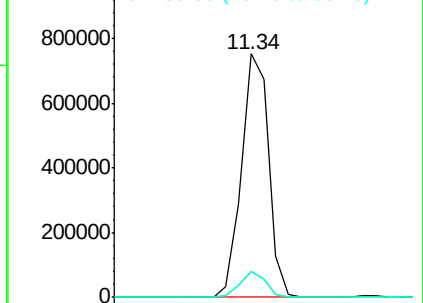
80 10.7 9.0 13.4



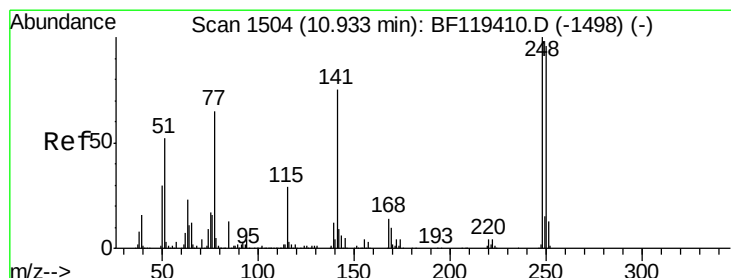
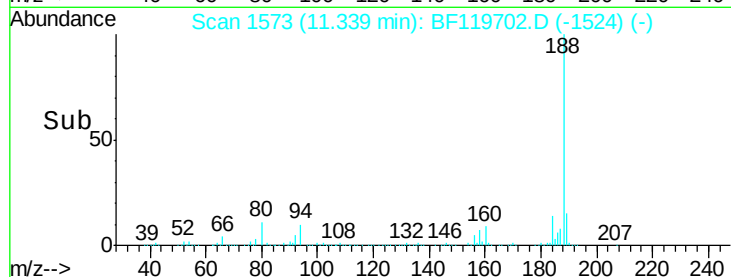
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



Time-->



#67

4-Bromophenyl-phenylether

Concen: 3.73 ng

RT: 10.65 min Scan# 1455

Delta R.T. -0.25 min

Lab File: BF119702.D

Acq: 2 Apr 2020 7:34

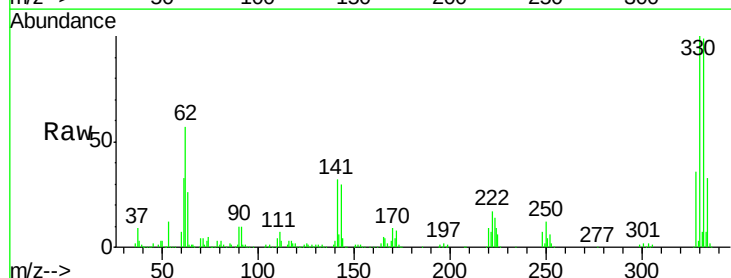
Tgt Ion:248 Resp: 28312

Ion Ratio Lower Upper

248 100

250 188.7 77.3 115.9#

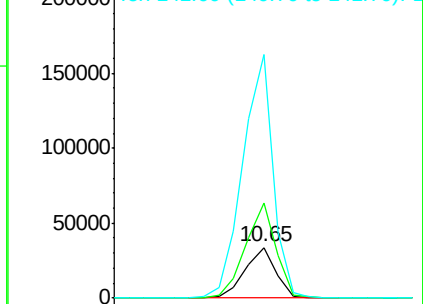
141 483.3 58.6 87.8#



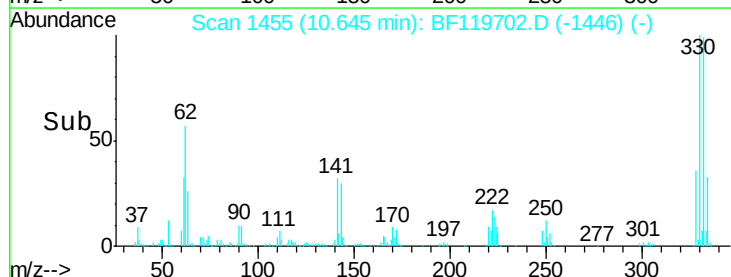
Abundance Ion 248.00 (247.70 to 248.70): E

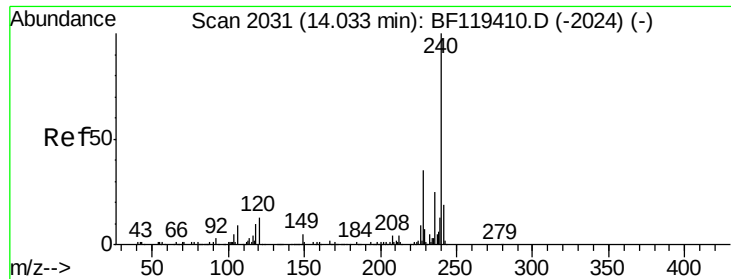
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



Time-->

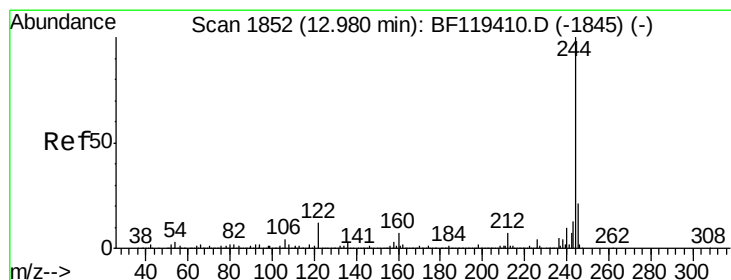
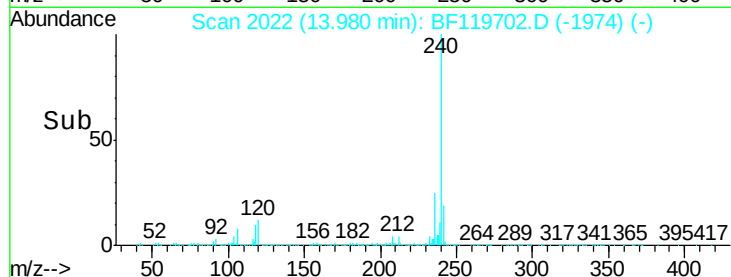
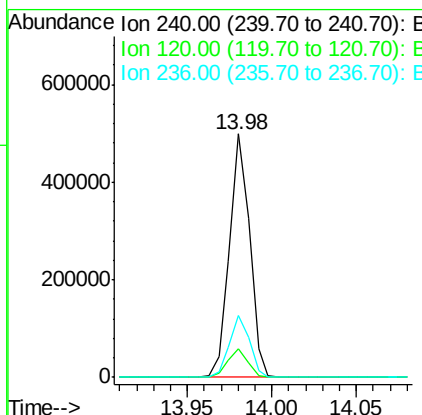
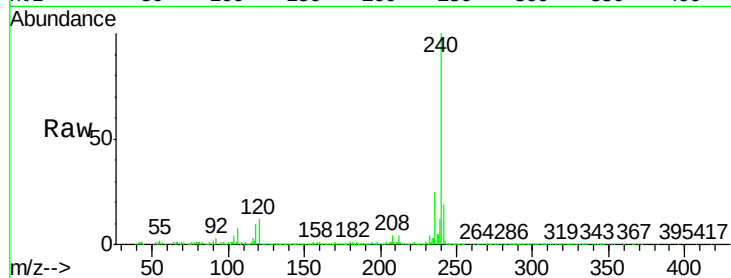




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.02 min
Lab File: BF119702.D
Acq: 2 Apr 2020 7:34

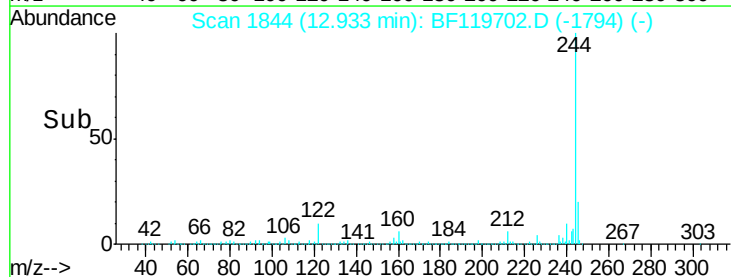
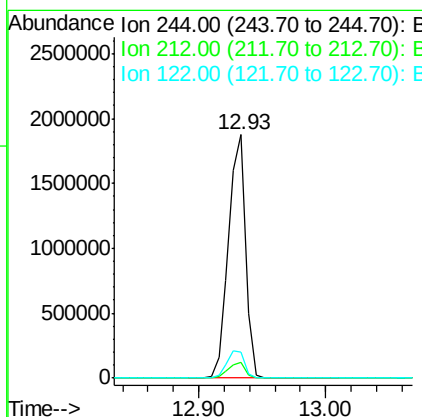
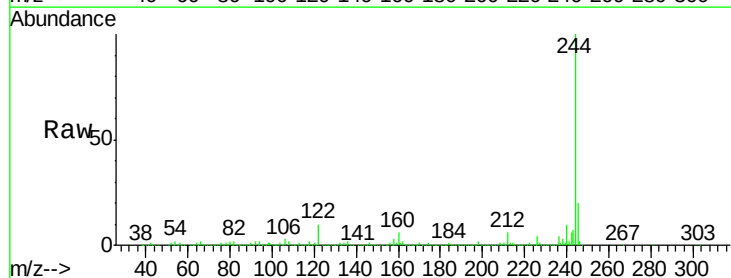
Instrument :
BNA_F
ClientSampleId :
RO-1-2-TP

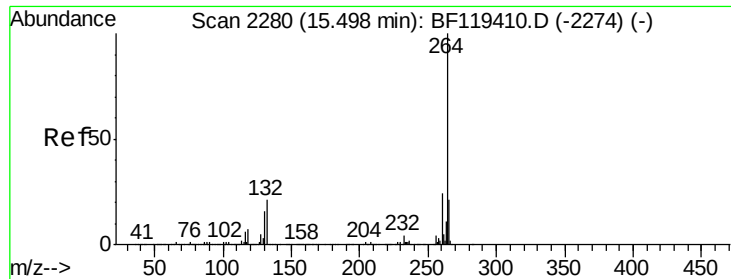
Tgt Ion:240 Resp: 415880
Ion Ratio Lower Upper
240 100
120 11.9 10.6 15.8
236 25.4 20.2 30.2



#79
Terphenyl-d14
Concen: 82.08 ng
RT: 12.93 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BF119702.D
Acq: 2 Apr 2020 7:34

Tgt Ion:244 Resp: 1742277
Ion Ratio Lower Upper
244 100
212 6.5 5.8 8.8
122 10.4 10.3 15.5





#87
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BF119702.D
Acq: 2 Apr 2020 7:34

Instrument :
BNA_F
ClientSampleId :
RO-1-2-TP

Tgt Ion: 264 Resp: 390664
Ion Ratio Lower Upper
264 100
260 23.5 18.7 28.1
265 21.9 17.7 26.5

