

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032720\
 Data File : BF119580.D
 Acq On : 27 Mar 2020 21:22
 Operator : CG/JU
 Sample : L2053-08
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-15-SA

Quant Time: Mar 28 03:31:35 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 27 07:52:09 2020
 Response via : Initial Calibration

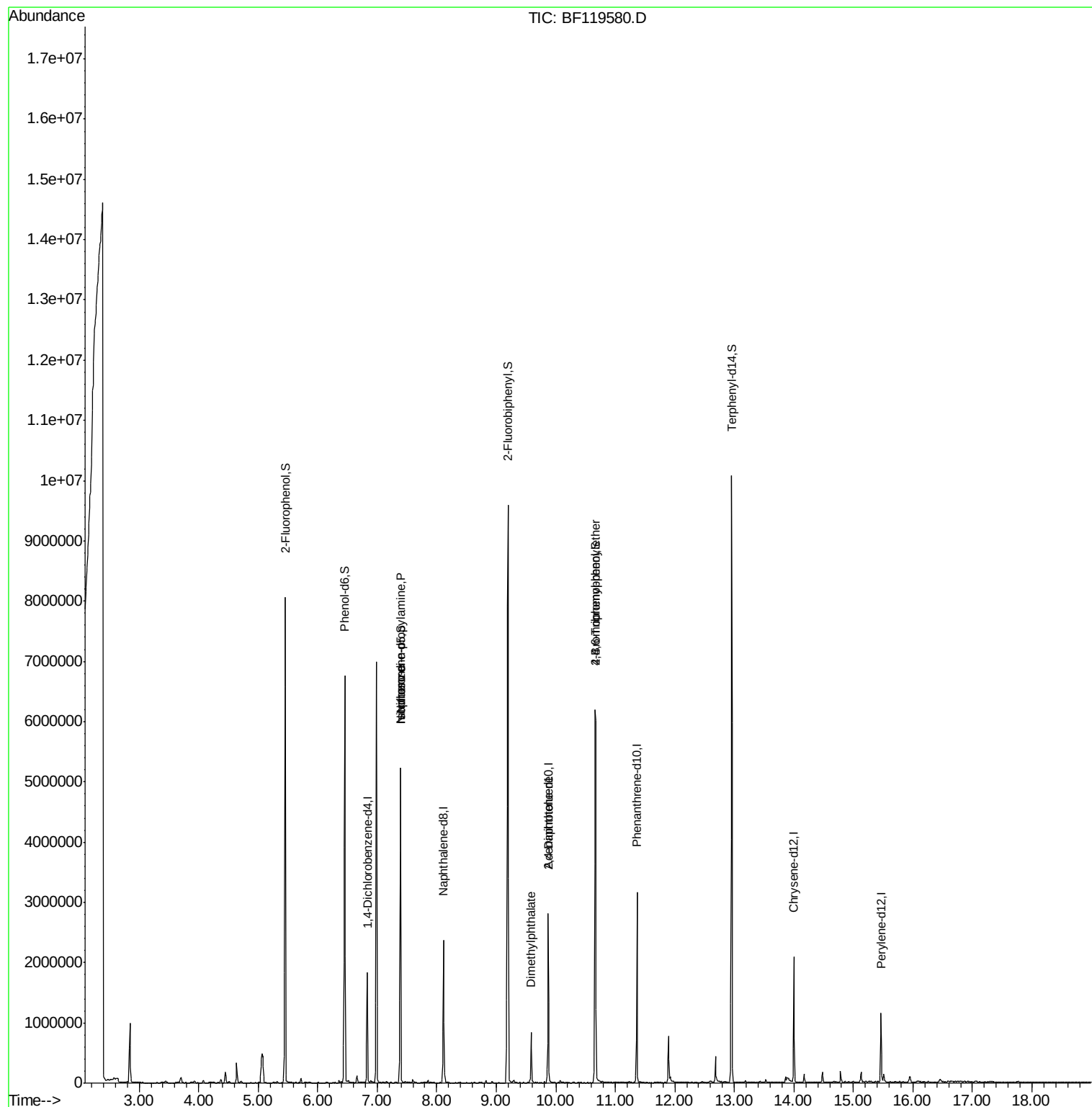
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	293602	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1140669	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	581084	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	1117930	20.00	ng	0.00
76) Chrysene-d12	14.00	240	702807	20.00	ng	-0.01
87) Perylene-d12	15.46	264	546714	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	2280058	123.62	ng	0.02
7) Phenol-d6	6.46	99	2600144	110.36	ng	0.00
23) Nitrobenzene-d5	7.39	82	2037545	97.08	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	890425	148.53	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	3604759	91.90	ng	0.00
79) Terphenyl-d14	12.96	244	3891344	108.48	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	269688	18.99	ng	# 75
25) Isophorone	7.39	82	1992149	46.79	ng	# 65
50) Dimethylphthalate	9.59	163	339722	8.23	ng	99
57) 2,4-Dinitrotoluene	9.87	165	74553	6.69	ng	# 20
67) 4-Bromophenyl-phenylether	10.67	248	53923	4.24	ng	# 1

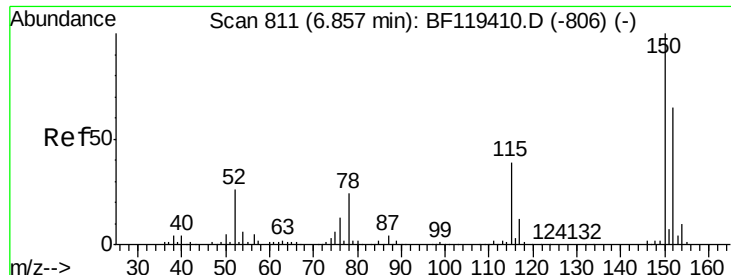
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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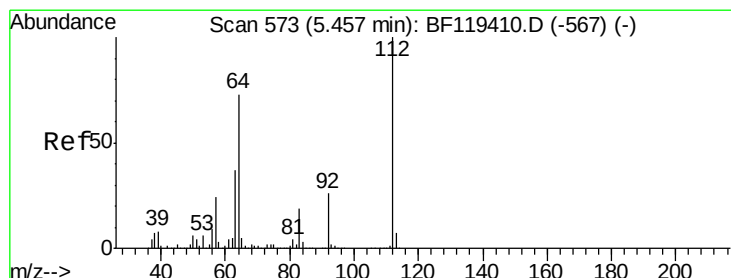
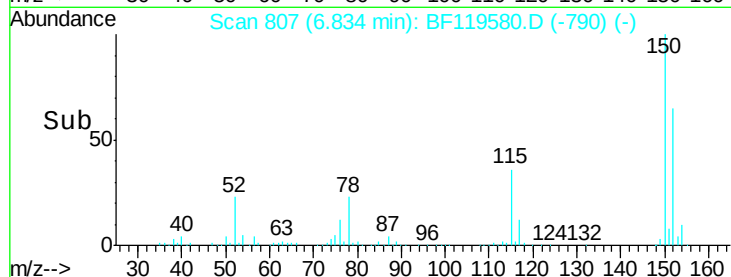
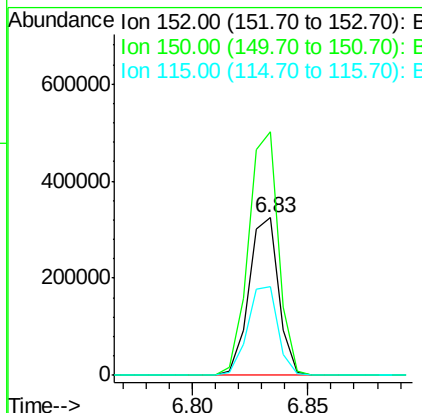
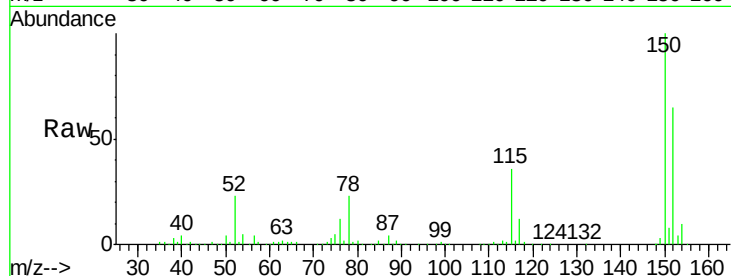


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF119580.D
Acq: 27 Mar 2020 21:22

Instrument :
BNA_F
ClientSampleId :
TP-15-SA

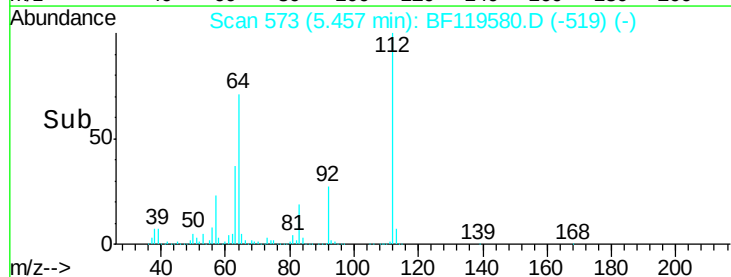
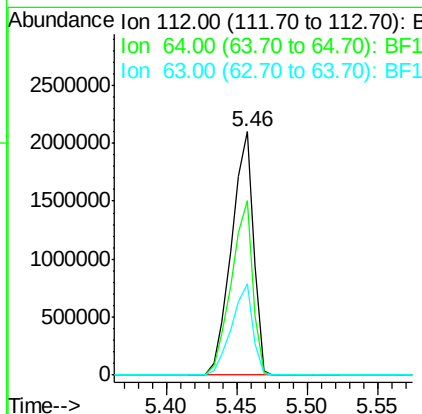
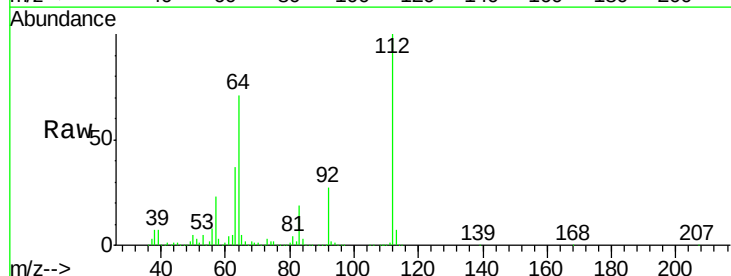
Tgt Ion:152 Resp: 293602
Ion Ratio Lower Upper
152 100
150 154.5 124.5 186.7
115 56.2 49.6 74.4

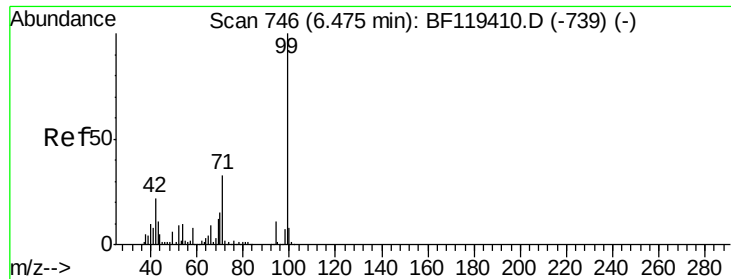


#5

2-Fluorophenol
Concen: 123.62 ng
RT: 5.46 min Scan# 573
Delta R.T. 0.02 min
Lab File: BF119580.D
Acq: 27 Mar 2020 21:22

Tgt Ion:112 Resp: 2280058
Ion Ratio Lower Upper
112 100
64 71.5 56.7 85.1
63 37.2 29.5 44.3





#7

Phenol-d6

Concen: 110.36 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF119580.D

Acq: 27 Mar 2020 21:22

Instrument :

BNA_F

ClientSampleId :

TP-15-SA

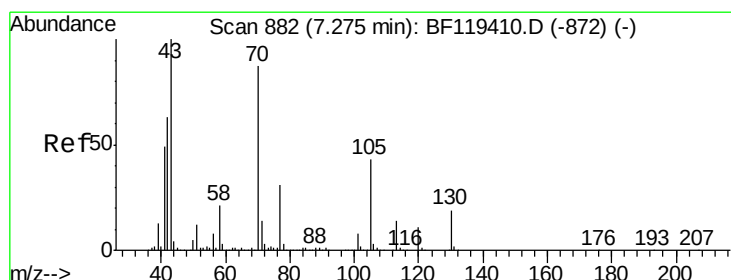
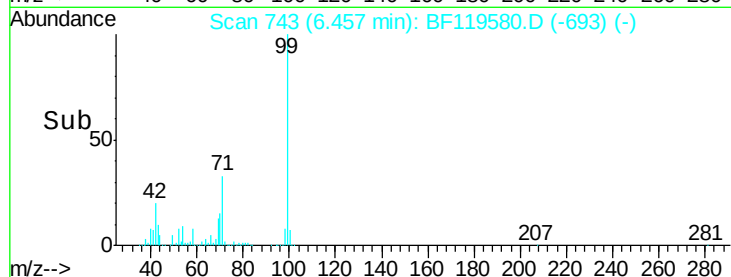
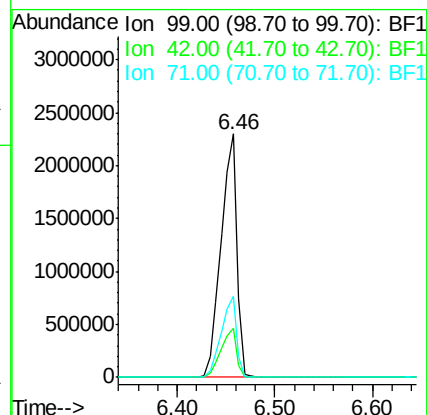
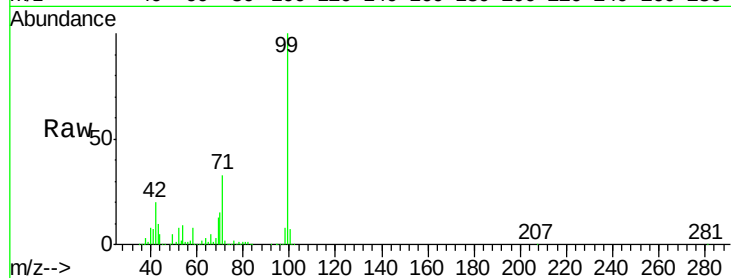
Tgt Ion: 99 Resp: 2600144

Ion Ratio Lower Upper

99 100

42 20.0 16.6 24.8

71 33.2 26.4 39.6



#19

n-Nitroso-di-n-propylamine

Concen: 18.99 ng

RT: 7.39 min Scan# 902

Delta R.T. 0.14 min

Lab File: BF119580.D

Acq: 27 Mar 2020 21:22

Tgt Ion: 70 Resp: 269688

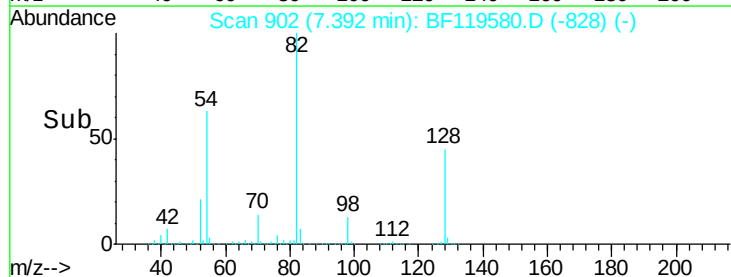
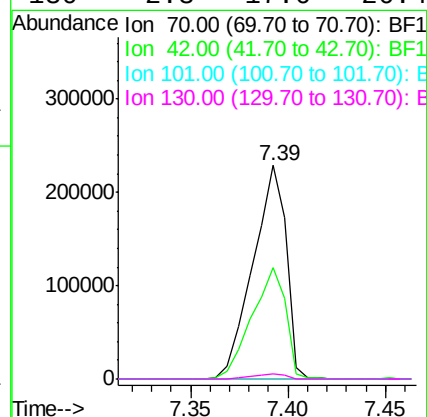
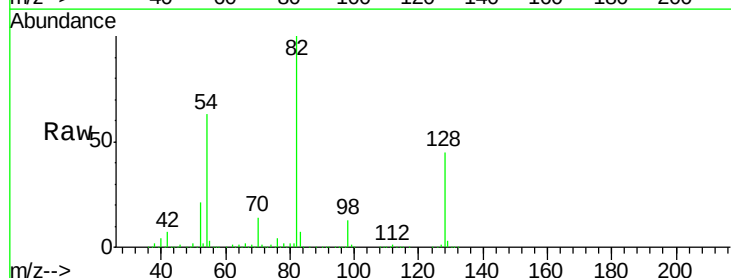
Ion Ratio Lower Upper

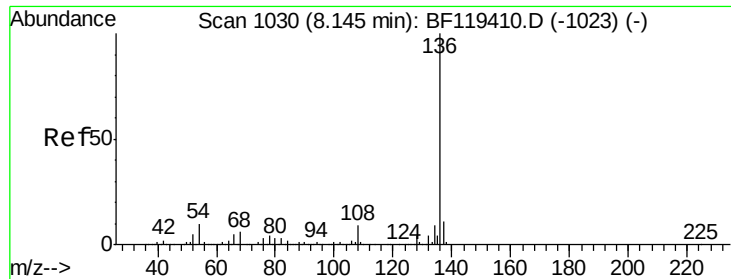
70 100

42 51.9 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: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF119580.D

Acq: 27 Mar 2020 21:22

Instrument :

BNA_F

ClientSampleId :

TP-15-SA

Tgt Ion:136 Resp: 1140669

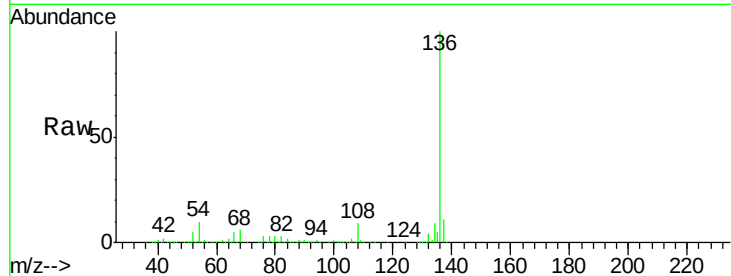
Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 10.2 9.1 13.7

68 6.1 4.6 6.8

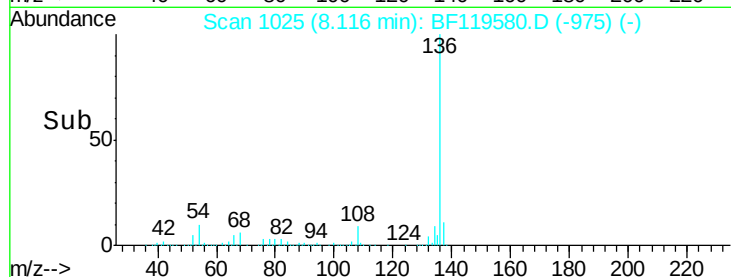


Abundance Ion 136.00 (135.70 to 136.70): E

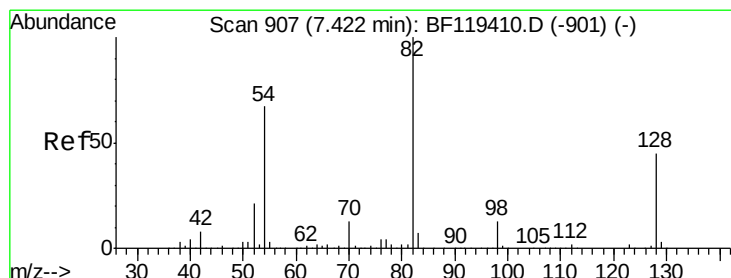
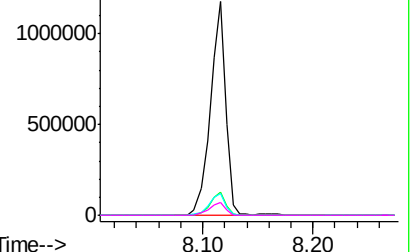
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#23

Nitrobenzene-d5

Concen: 97.08 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.01 min

Lab File: BF119580.D

Acq: 27 Mar 2020 21:22

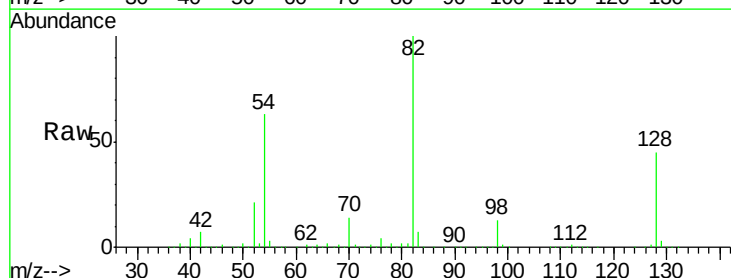
Tgt Ion: 82 Resp: 2037545

Ion Ratio Lower Upper

82 100

128 45.4 36.3 54.5

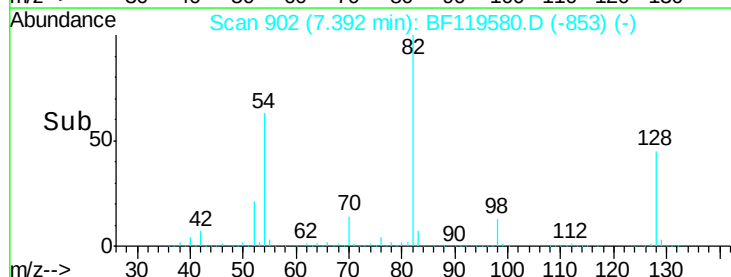
54 63.4 50.6 75.8



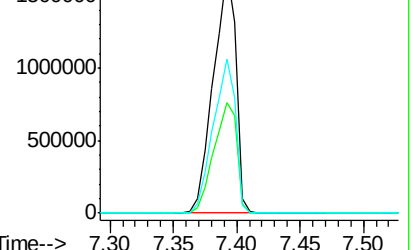
Abundance Ion 82.00 (81.70 to 82.70): BF1

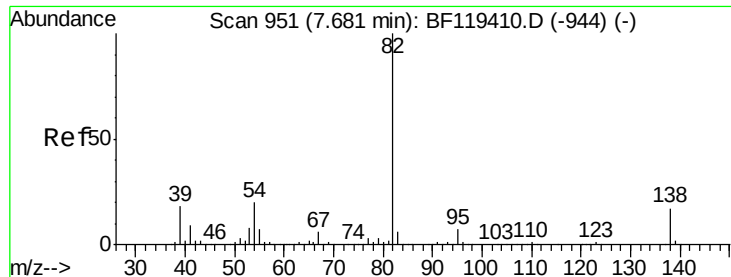
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1



Time-->





#25

Isophorone

Concen: 46.79 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.27 min

Lab File: BF119580.D

Acq: 27 Mar 2020 21:22

Instrument :

BNA_F

ClientSampleId :

TP-15-SA

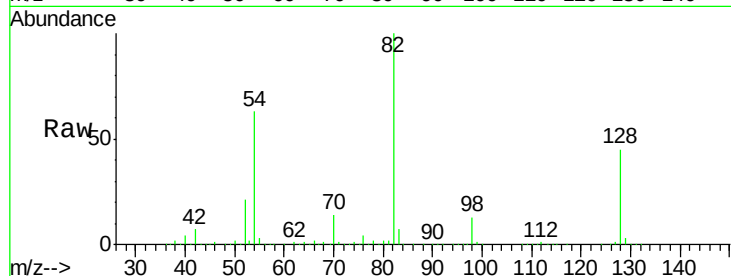
Tgt Ion: 82 Resp: 1992149

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

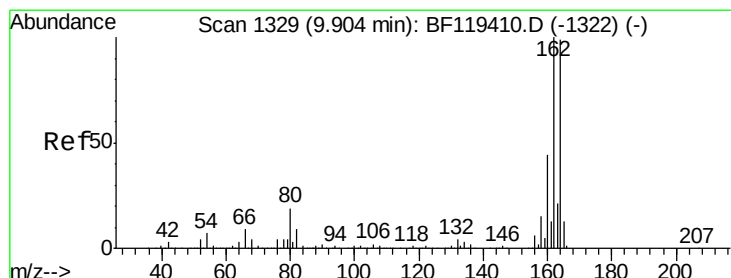
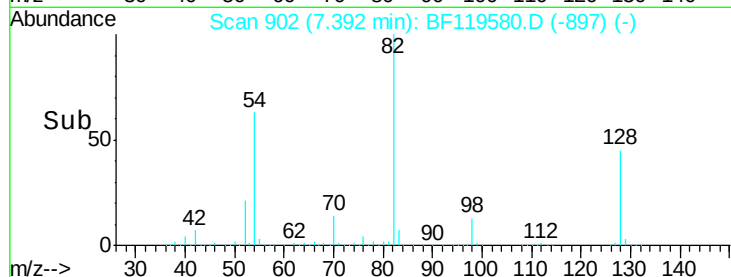
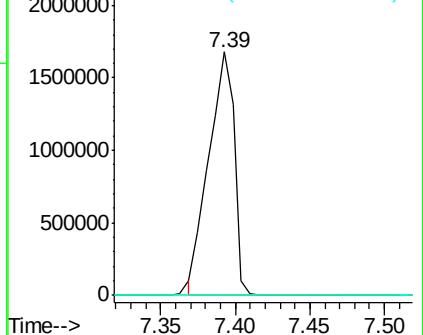
138 0.0 14.6 21.8#



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: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF119580.D

Acq: 27 Mar 2020 21:22

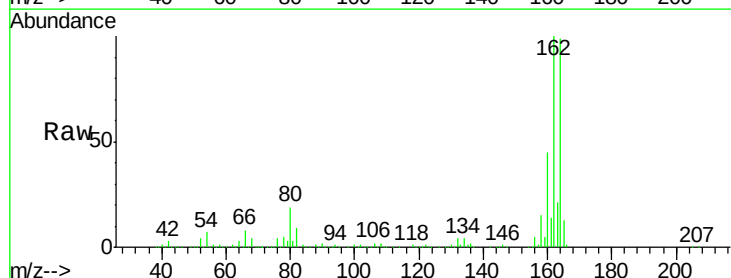
Tgt Ion: 164 Resp: 581084

Ion Ratio Lower Upper

164 100

162 101.4 80.6 121.0

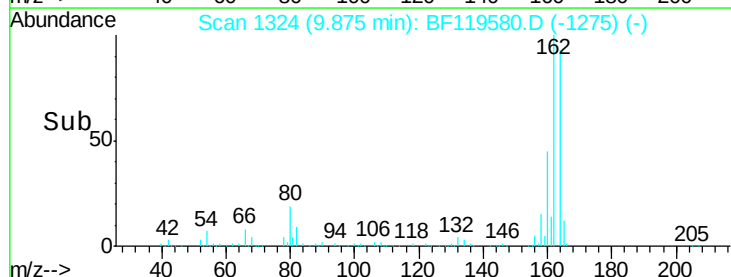
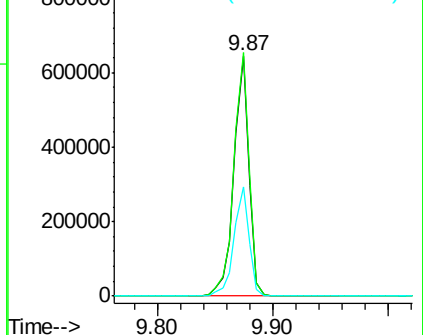
160 45.4 35.7 53.5

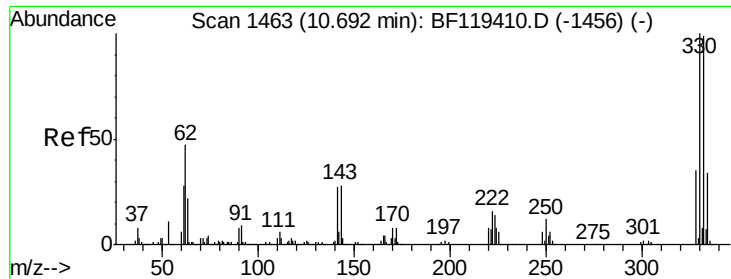


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 148.53 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BF119580.D

Acq: 27 Mar 2020 21:22

Instrument :

BNA_F

ClientSampled :

TP-15-SA

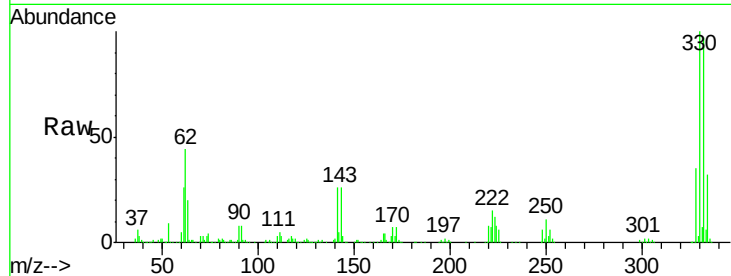
Tgt Ion:330 Resp: 890425

Ion Ratio Lower Upper

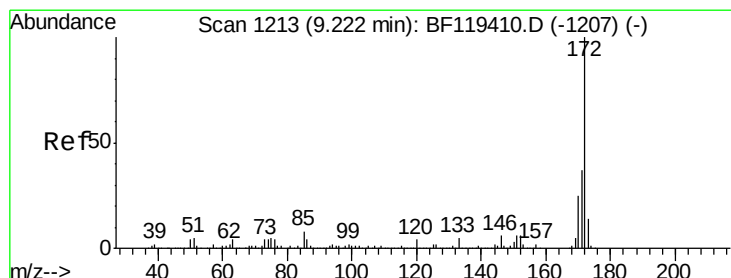
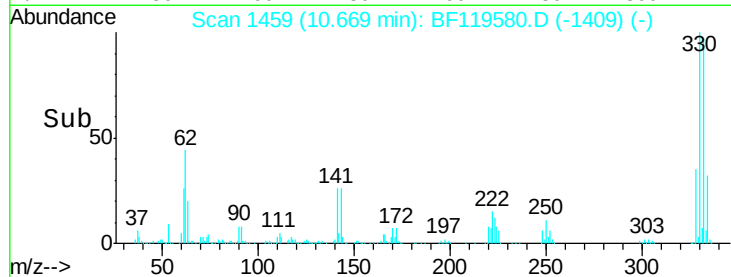
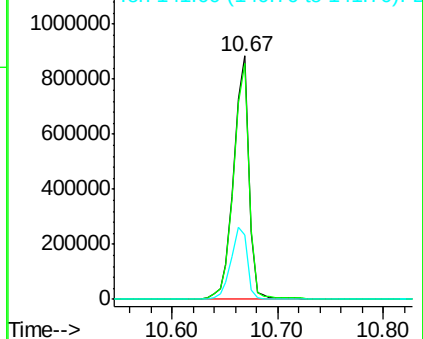
330 100

332 98.4 75.7 113.5

141 31.5 25.4 38.0



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: 91.90 ng

RT: 9.20 min Scan# 1209

Delta R.T. -0.01 min

Lab File: BF119580.D

Acq: 27 Mar 2020 21:22

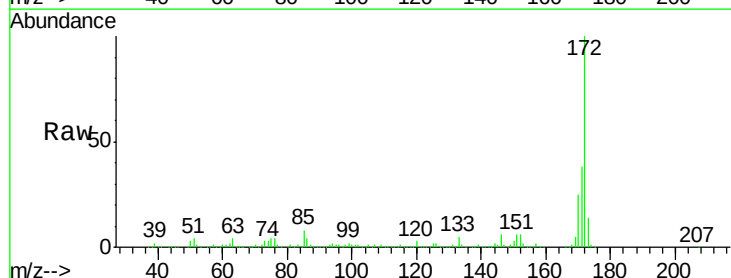
Tgt Ion:172 Resp: 3604759

Ion Ratio Lower Upper

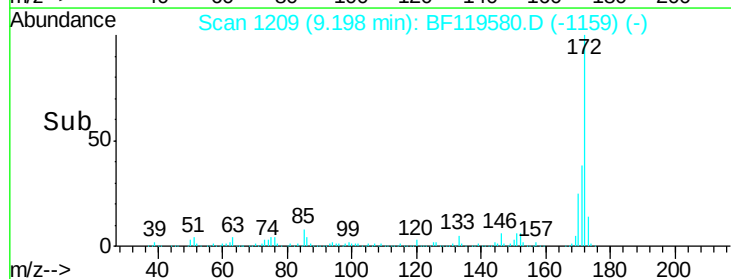
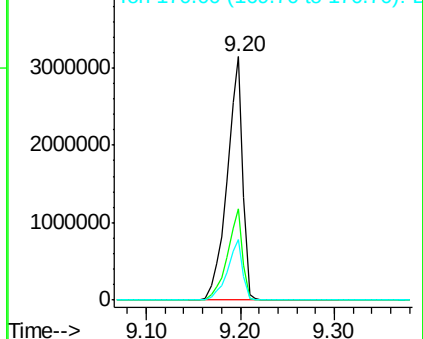
172 100

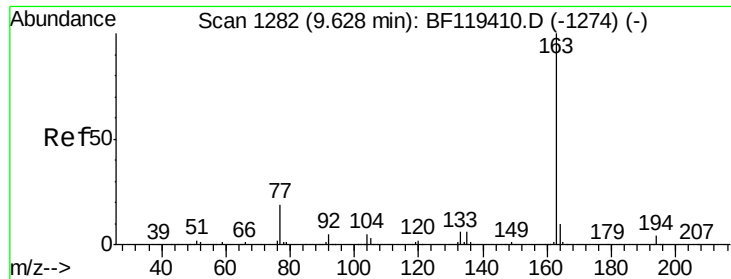
171 37.5 29.6 44.4

170 25.1 20.2 30.2



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

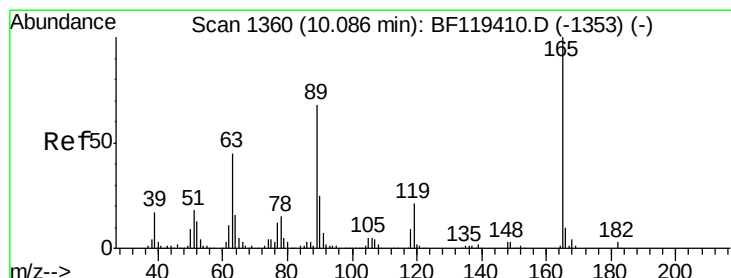
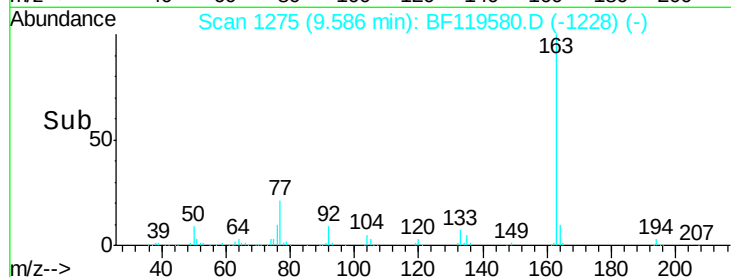
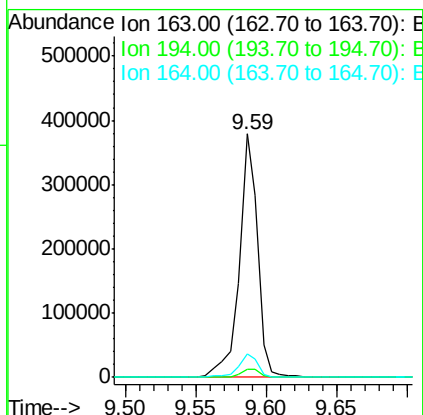
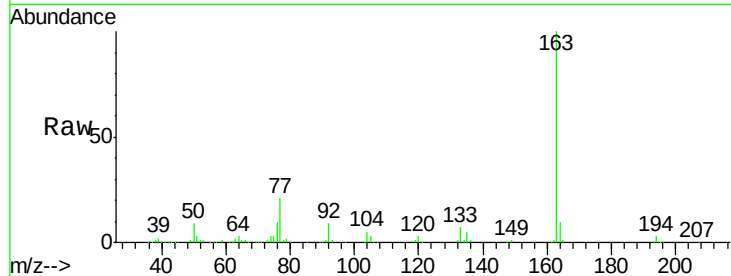




#50
Dimethylphthalate
Concen: 8.23 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BF119580.D
Acq: 27 Mar 2020 21:22

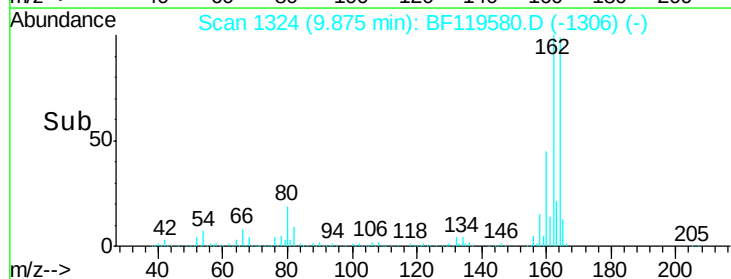
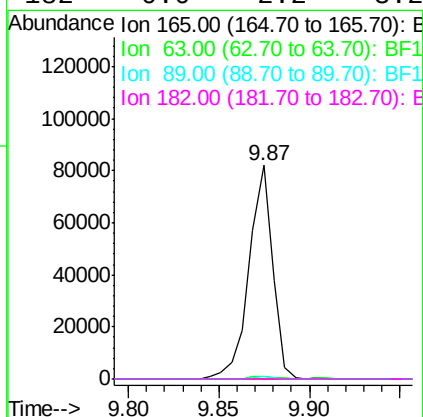
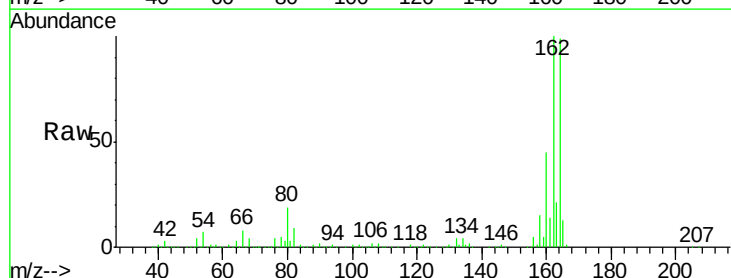
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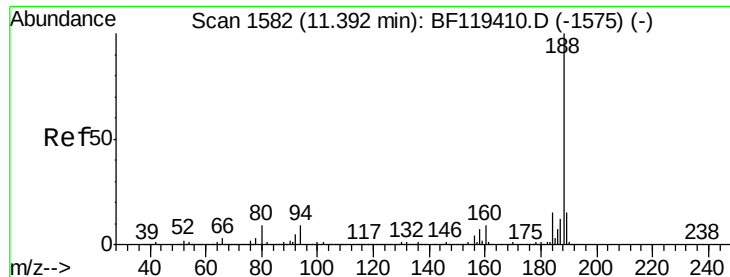
Tgt Ion:163 Resp: 339722
Ion Ratio Lower Upper
163 100
194 3.5 3.1 4.7
164 9.7 8.2 12.2



#57
2,4-Dinitrotoluene
Concen: 6.69 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.19 min
Lab File: BF119580.D
Acq: 27 Mar 2020 21:22

Tgt Ion:165 Resp: 74553
Ion Ratio Lower Upper
165 100
63 1.1 42.6 64.0#
89 1.5 61.0 91.4#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.36 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF119580.D

Acq: 27 Mar 2020 21:22

Instrument :

BNA_F

ClientSampleId :

TP-15-SA

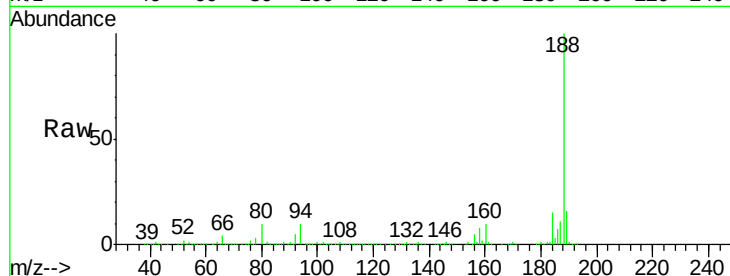
Tgt Ion:188 Resp: 1117930

Ion Ratio Lower Upper

188 100

94 9.7 7.5 11.3

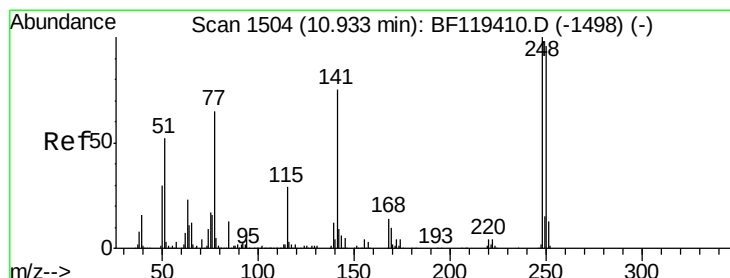
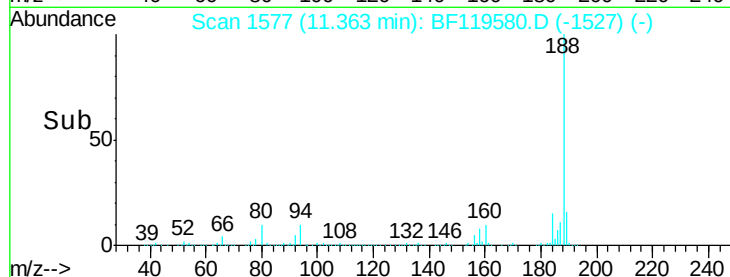
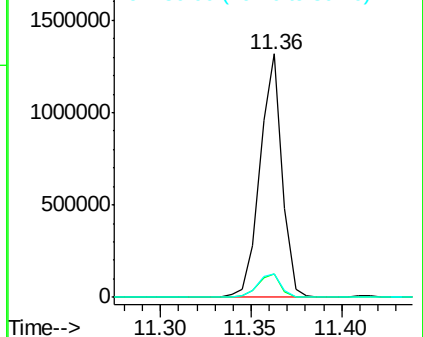
80 9.5 9.0 13.4



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



#67

4-Bromophenyl-phenylether

Concen: 4.24 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.25 min

Lab File: BF119580.D

Acq: 27 Mar 2020 21:22

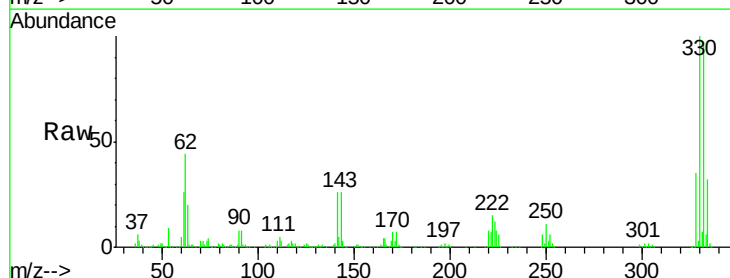
Tgt Ion:248 Resp: 53923

Ion Ratio Lower Upper

248 100

250 201.5 77.3 115.9#

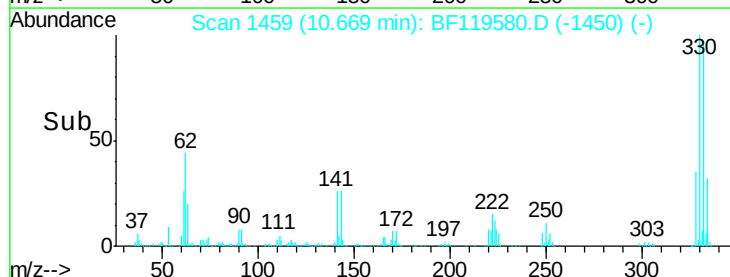
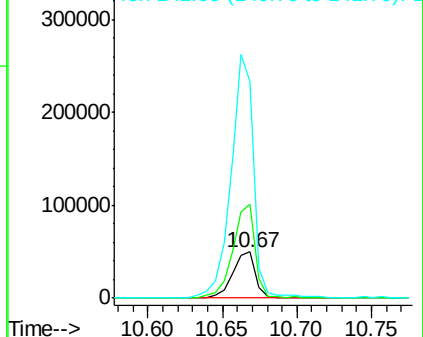
141 466.0 58.6 87.8#

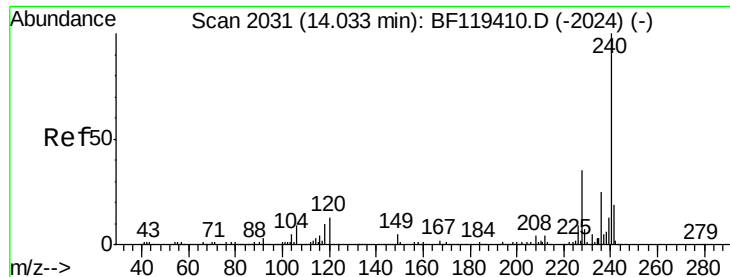


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

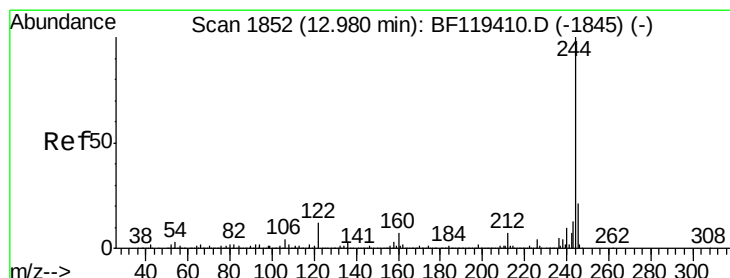
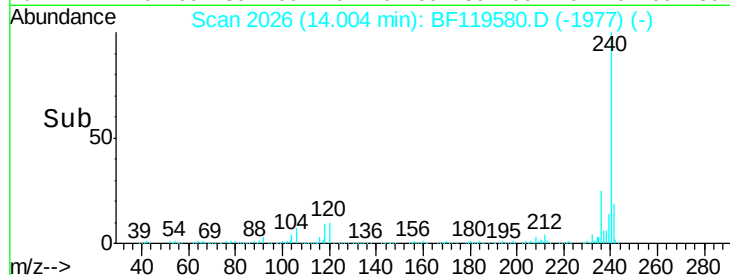
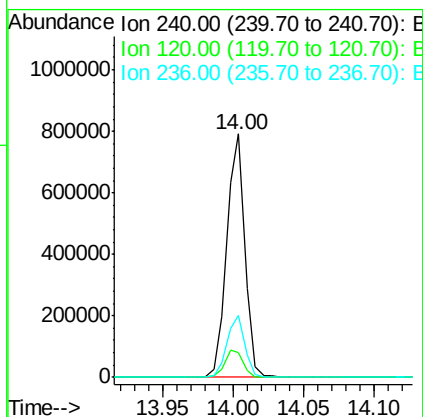
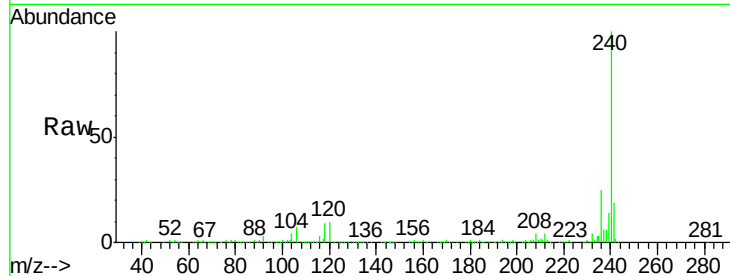




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF119580.D
Acq: 27 Mar 2020 21:22

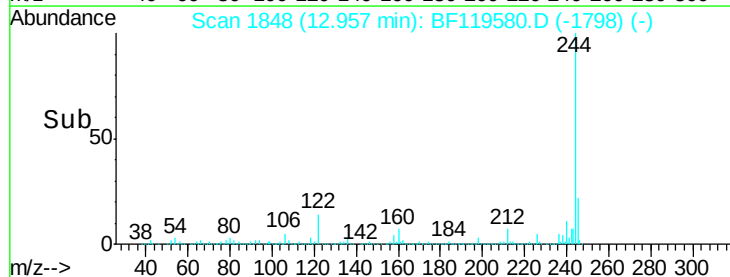
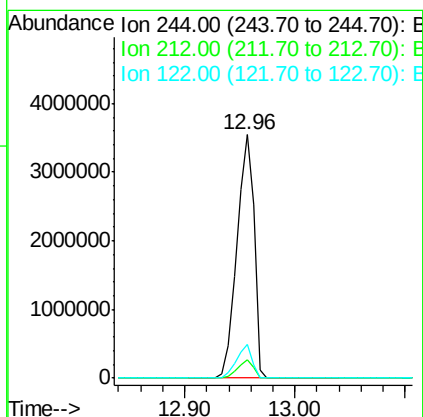
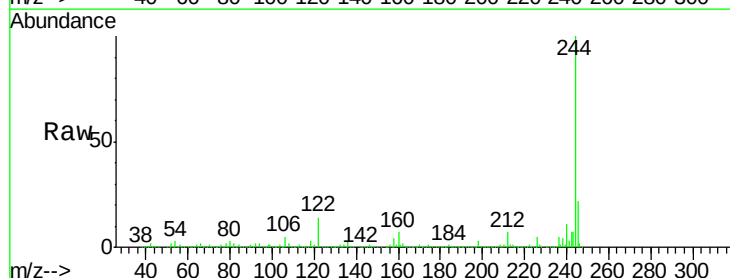
Instrument :
BNA_F
ClientSampled :
TP-15-SA

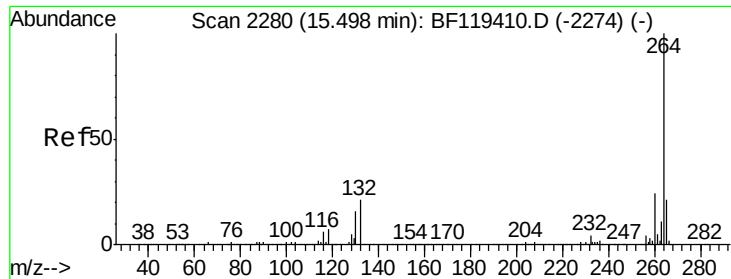
Tgt Ion:240 Resp: 702807
Ion Ratio Lower Upper
240 100
120 10.0 10.6 15.8#
236 25.3 20.2 30.2



#79
Terphenyl-d14
Concen: 108.48 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BF119580.D
Acq: 27 Mar 2020 21:22

Tgt Ion:244 Resp: 3891344
Ion Ratio Lower Upper
244 100
212 7.4 5.8 8.8
122 13.8 10.3 15.5





#87
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.46 min Scan# 2274
 Delta R.T. -0.02 min
 Lab File: BF119580.D
 Acq: 27 Mar 2020 21:22

Instrument :
 BNA_F
 ClientSampleId :
 TP-15-SA

Tgt Ion:	264	Resp:	546714
Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.7	28.1
265	21.8	17.7	26.5

