

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032720\
 Data File : BF119601.D
 Acq On : 28 Mar 2020 7:21
 Operator : CG/JU
 Sample : L2049-01
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 28 09:33:03 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

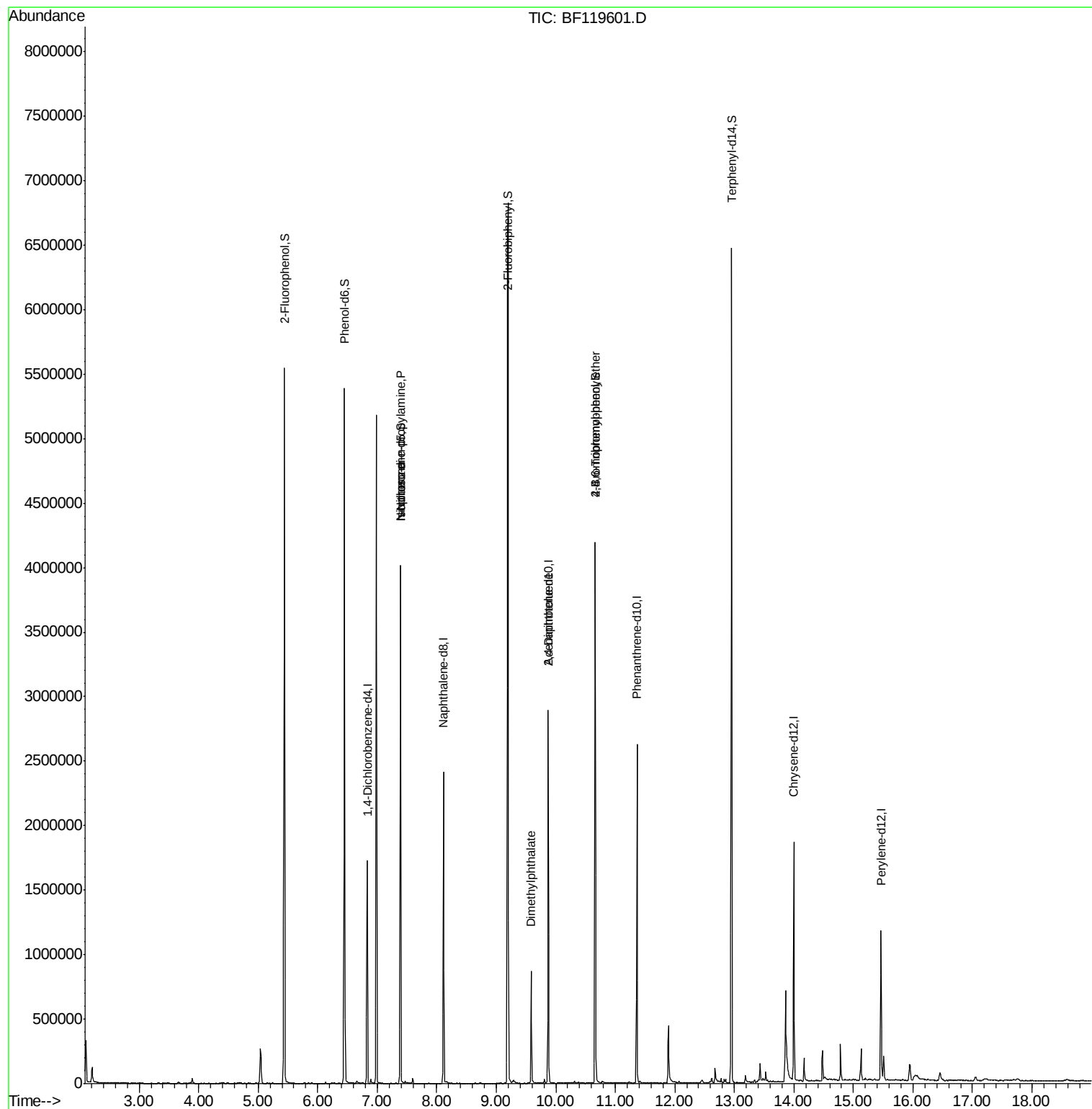
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	266750	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1014315	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	539048	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	945462	20.00	ng	0.00
76) Chrysene-d12	14.00	240	657202	20.00	ng	-0.01
87) Perylene-d12	15.46	264	535498	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1595461	95.21	ng	0.00
7) Phenol-d6	6.45	99	1978873	92.45	ng	-0.01
23) Nitrobenzene-d5	7.39	82	1183518	63.41	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	475634	85.53	ng	-0.01
45) 2-Fluorobiphenyl	9.20	172	2299297	63.19	ng	0.00
79) Terphenyl-d14	12.95	244	2351597	70.10	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	153045	11.862	ng	# 78
25) Isophorone	7.39	82	1171126	30.934	ng	# 65
50) Dimethylphthalate	9.59	163	311296	8.130	ng	99
57) 2,4-Dinitrotoluene	9.87	165	70386	6.808	ng	# 20
67) 4-Bromophenyl-phenylether	10.66	248	29290	2.720	ng	# 1

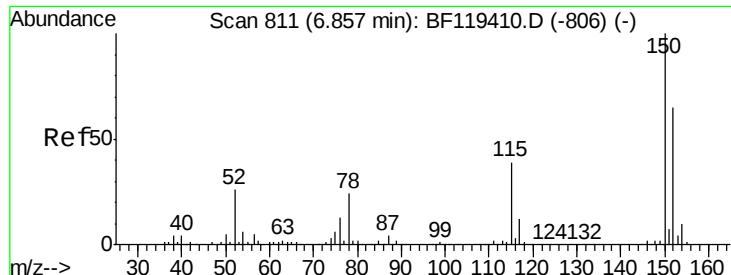
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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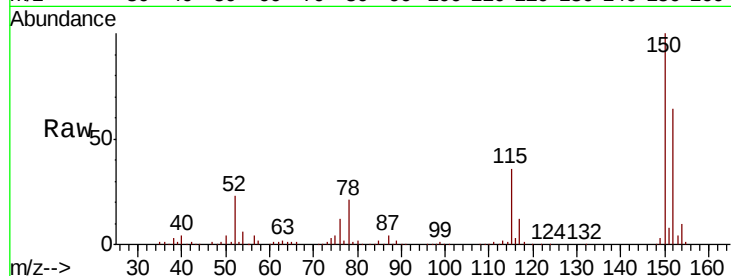


#1

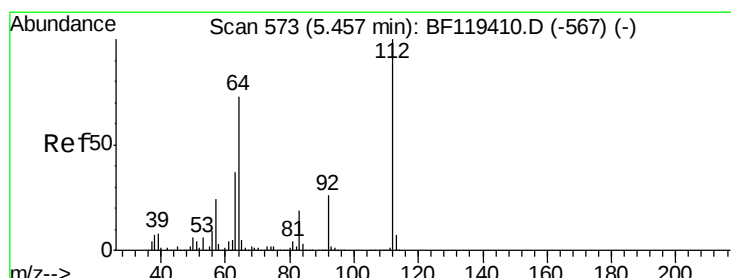
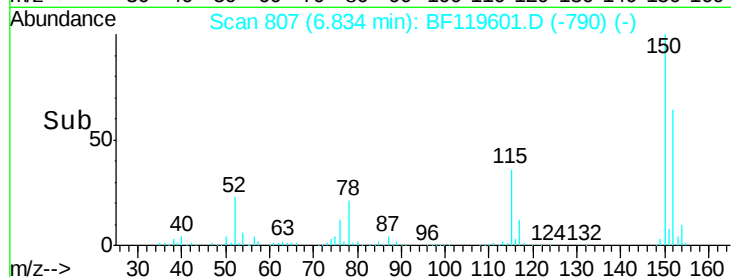
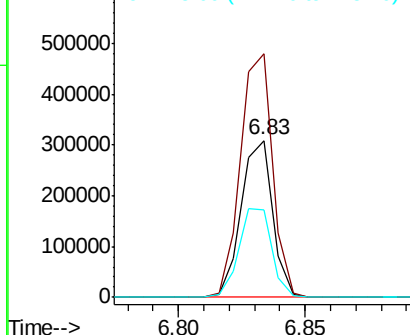
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF119601.D
Acq: 28 Mar 2020 7:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 266750
Ion Ratio Lower Upper
152 100
150 155.5 124.5 186.7
115 55.5 49.6 74.4



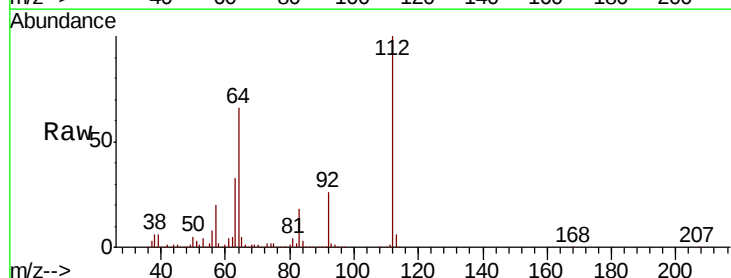
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



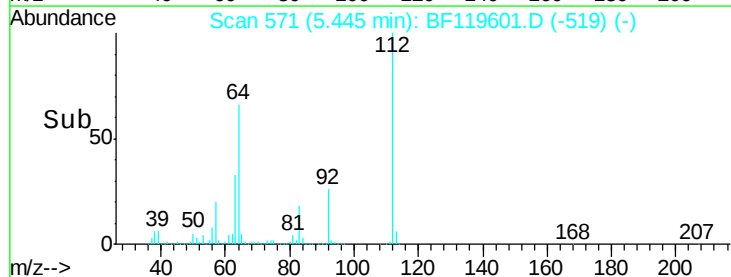
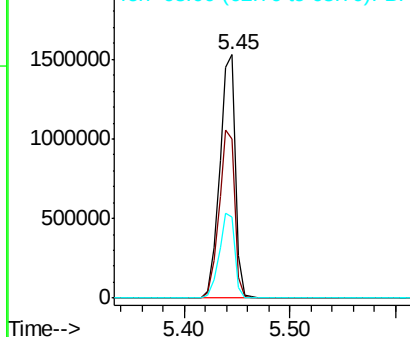
#5

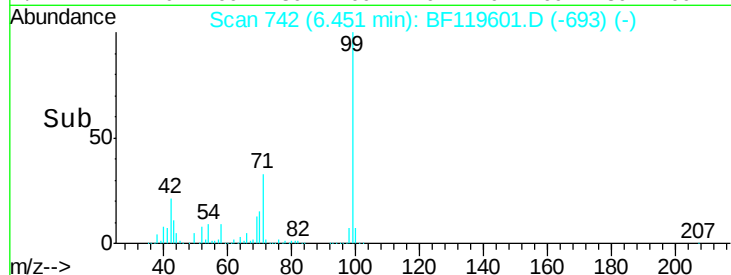
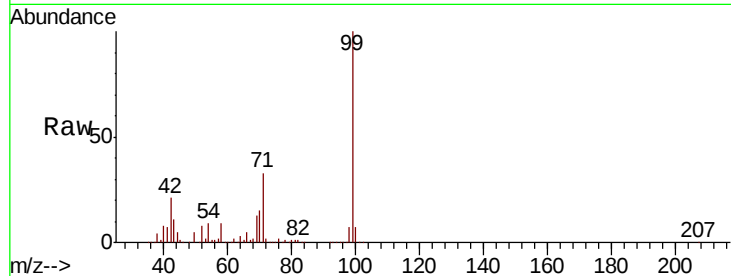
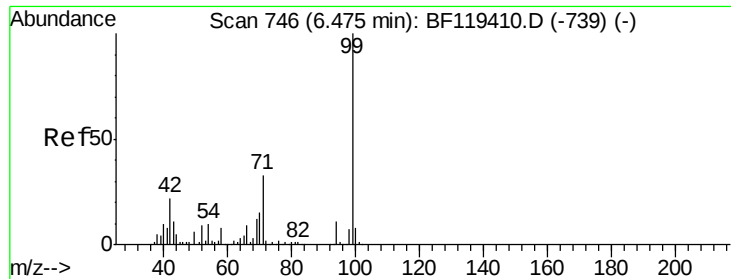
2-Fluorophenol
Concen: 95.214 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF119601.D
Acq: 28 Mar 2020 7:21

Tgt Ion:112 Resp: 1595461
Ion Ratio Lower Upper
112 100
64 65.5 56.7 85.1
63 33.4 29.5 44.3



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: 92.447 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF119601.D

Acq: 28 Mar 2020 7:21

Instrument :

BNA_F

ClientSampled :

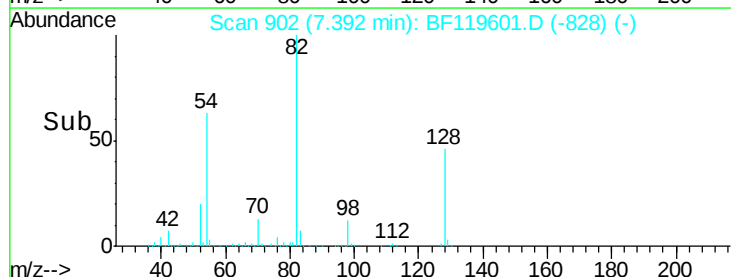
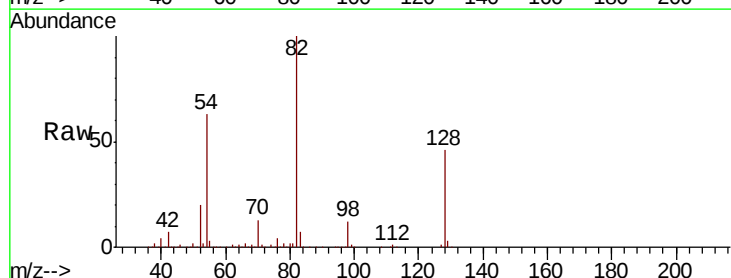
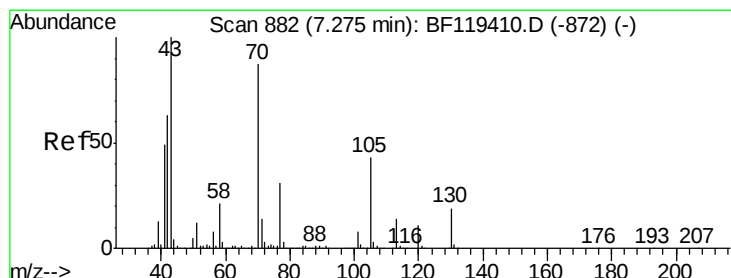
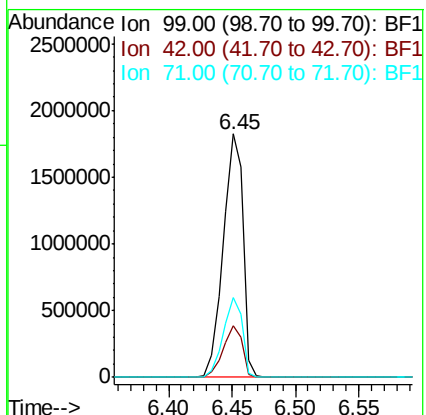
Tot Ion: 99 Resp: 1978873

Ion Ratio Lower Upper

99 100

42 21.3 16.6 24.8

71 32.9 26.4 39.6



#19

n-Nitroso-di-n-propylamine

Concen: 11.862 ng

RT: 7.39 min Scan# 902

Delta R.T. 0.14 min

Lab File: BF119601.D

Acq: 28 Mar 2020 7:21

Tgt Ion: 70 Resp: 153045

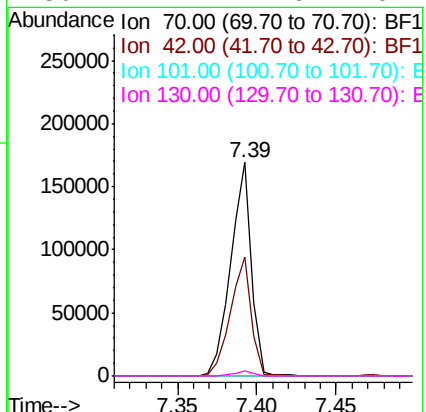
Ion Ratio Lower Upper

70 100

42 55.5 54.5 81.7

101 0.0 7.6 11.4#

130 2.2 17.6 26.4#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF119601.D

Acq: 28 Mar 2020 7:21

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 1014315

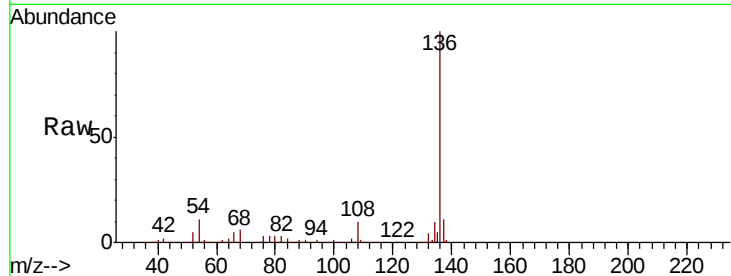
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 10.8 9.1 13.7

68 5.9 4.6 6.8

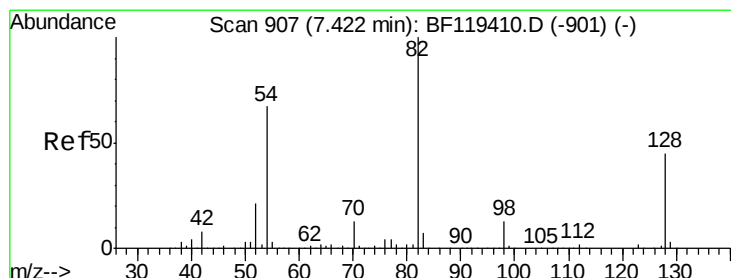
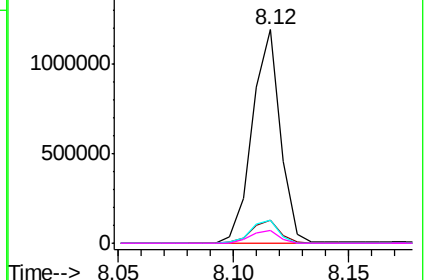
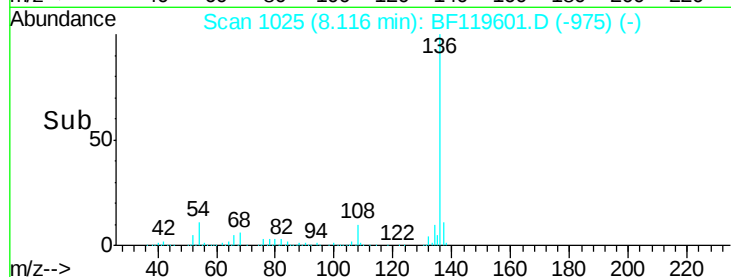


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 63.414 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.01 min

Lab File: BF119601.D

Acq: 28 Mar 2020 7:21

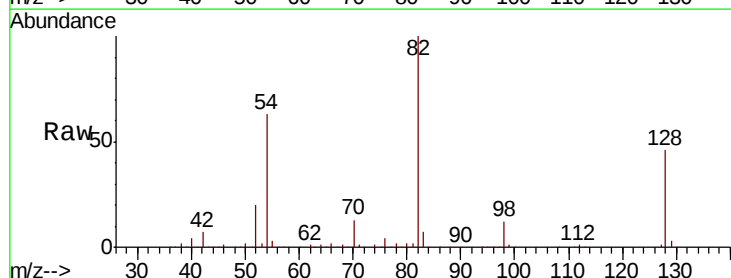
Tgt Ion: 82 Resp: 1183518

Ion Ratio Lower Upper

82 100

128 45.6 36.3 54.5

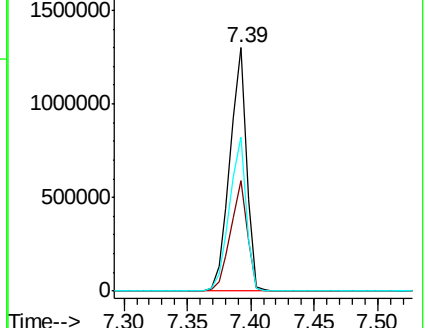
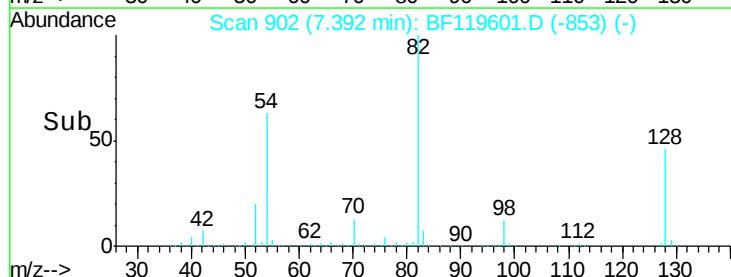
54 63.4 50.6 75.8

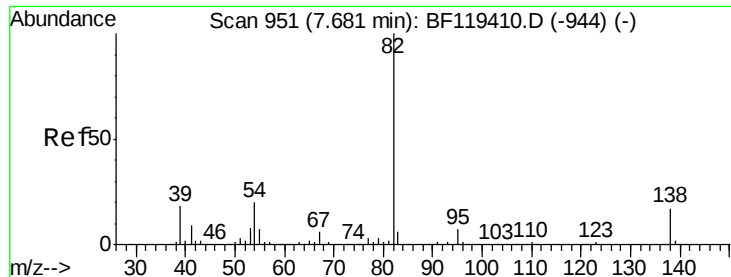


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 30.934 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.27 min

Lab File: BF119601.D

Acq: 28 Mar 2020 7:21

Instrument :

BNA_F

ClientSampleId :

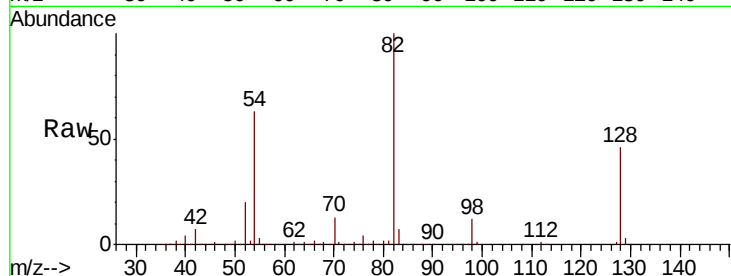
Tot Ion: 82 Resp: 1171126

Ion Ratio Lower Upper

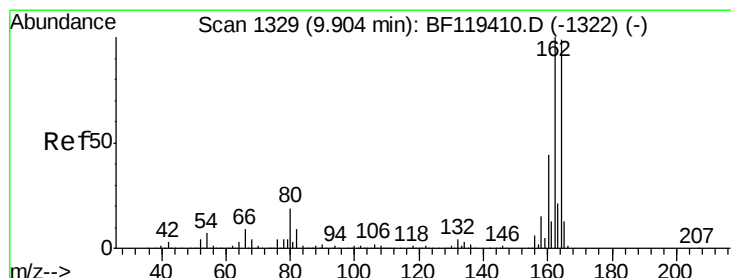
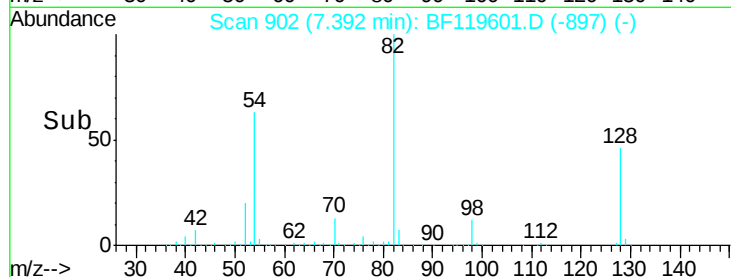
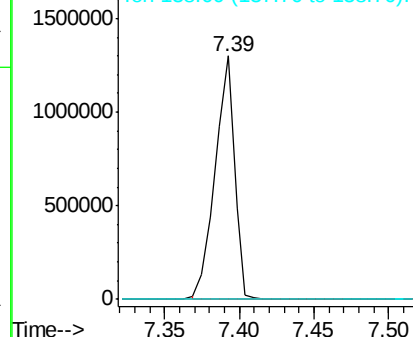
82 100

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: 20.000 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF119601.D

Acq: 28 Mar 2020 7:21

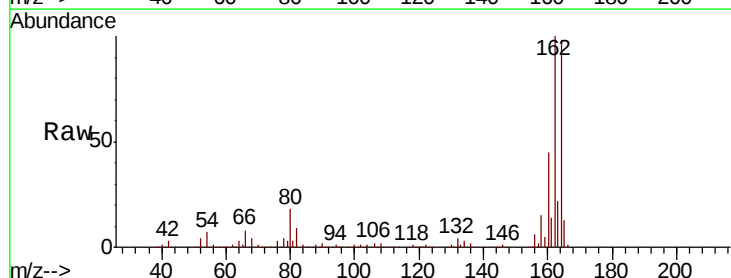
Tgt Ion: 164 Resp: 539048

Ion Ratio Lower Upper

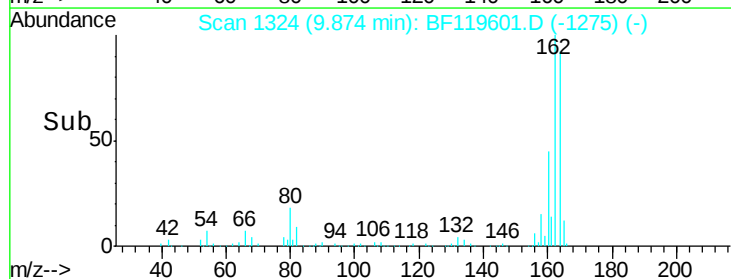
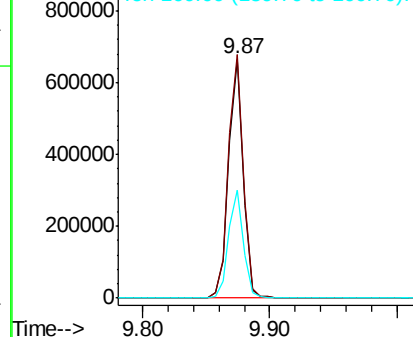
164 100

162 102.0 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

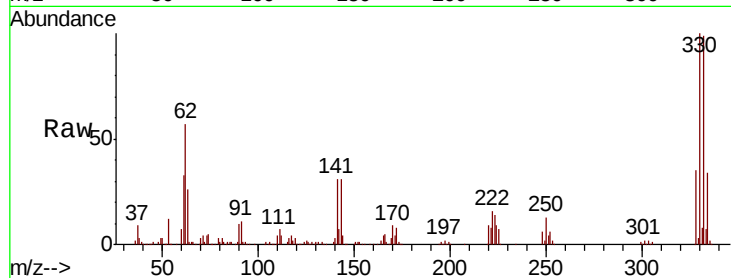




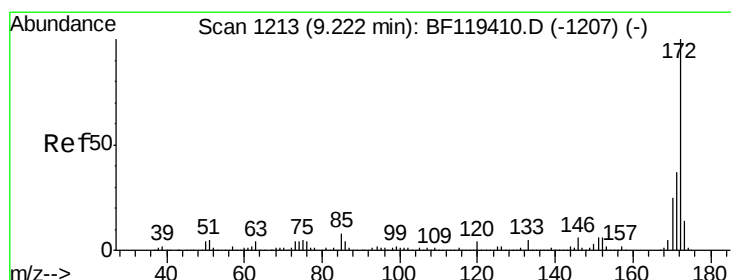
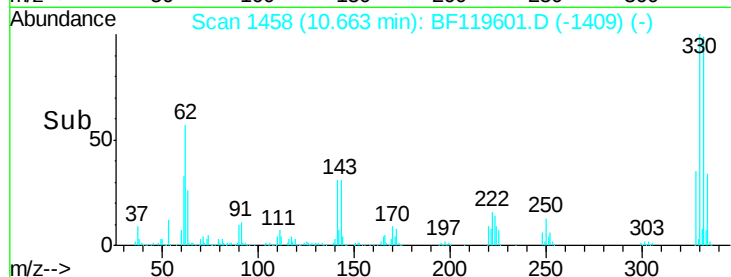
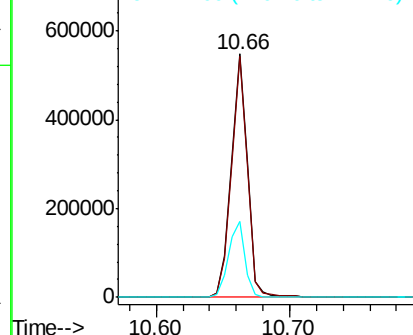
#42
 2,4,6-Tribromophenol
 Concen: 85.528 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BF119601.D
 Acq: 28 Mar 2020 7:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 475634
 Ion Ratio Lower Upper
 330 100
 332 97.5 75.7 113.5
 141 31.7 25.4 38.0

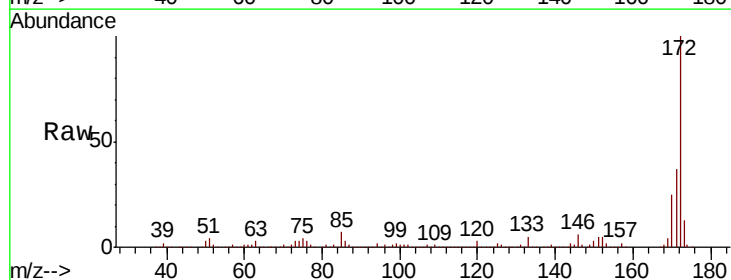


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

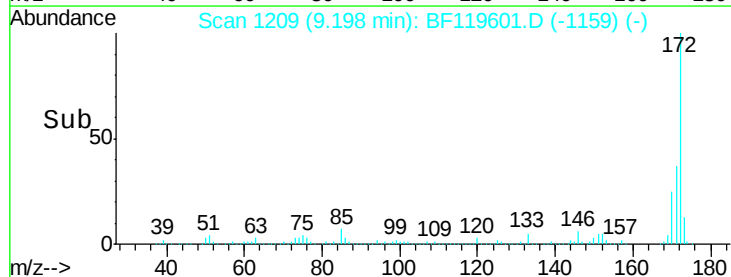
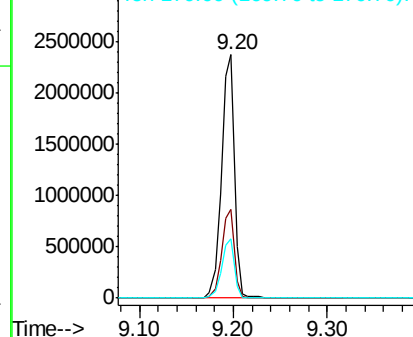


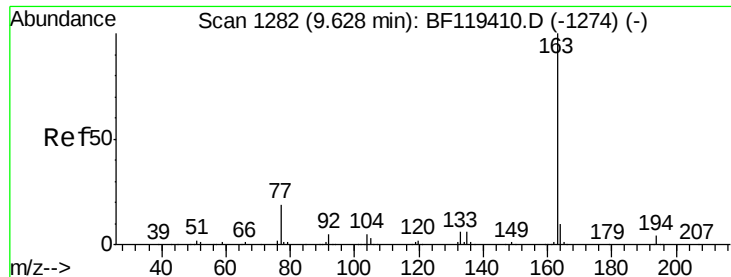
#45
 2-Fluorobiphenyl
 Concen: 63.192 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF119601.D
 Acq: 28 Mar 2020 7:21

Tgt Ion:172 Resp: 2299297
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.6 44.4
 170 24.5 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

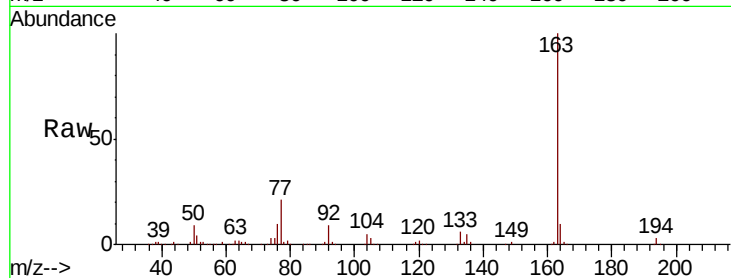




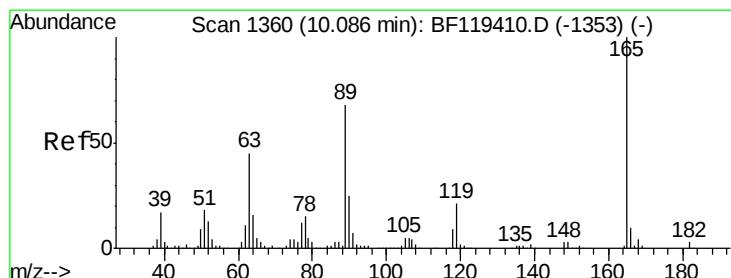
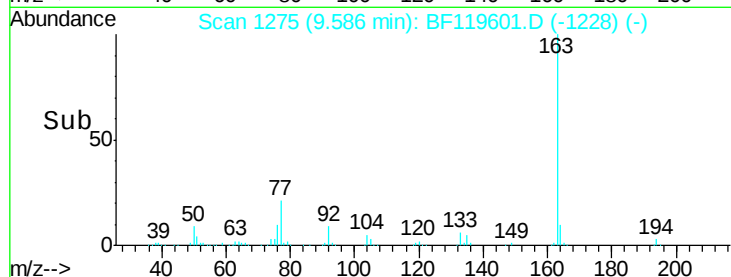
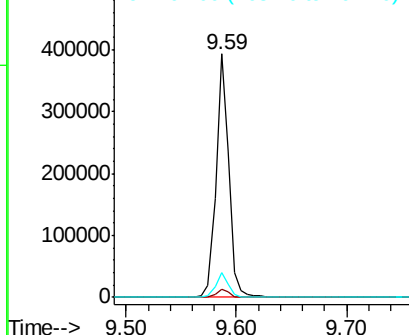
#50
Dimethylphthalate
Concen: 8.130 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BF119601.D
Acq: 28 Mar 2020 7:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 311296
Ion Ratio Lower Upper
163 100
194 3.5 3.1 4.7
164 10.3 8.2 12.2

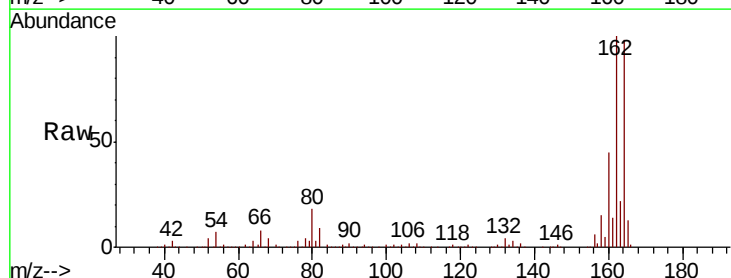


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

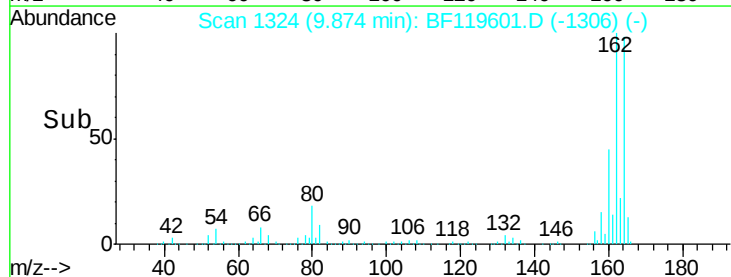
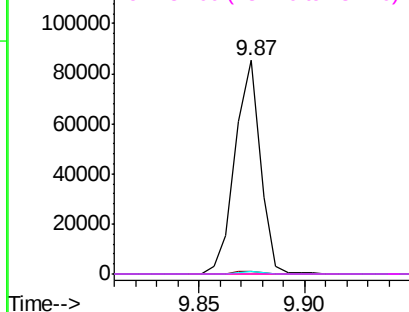


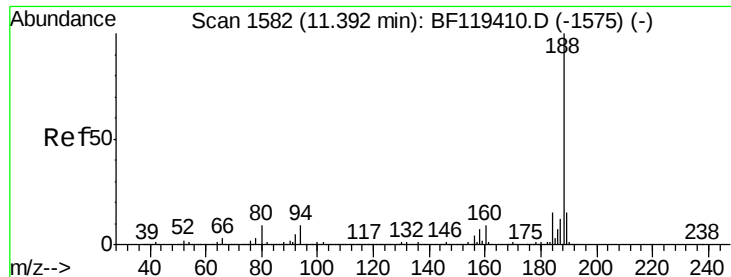
#57
2,4-Dinitrotoluene
Concen: 6.808 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.19 min
Lab File: BF119601.D
Acq: 28 Mar 2020 7:21

Tgt Ion:165 Resp: 70386
Ion Ratio Lower Upper
165 100
63 1.2 42.6 64.0#
89 1.0 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: 20.000 ng

RT: 11.36 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF119601.D

Acq: 28 Mar 2020 7:21

Instrument :

BNA_F

ClientSampled :

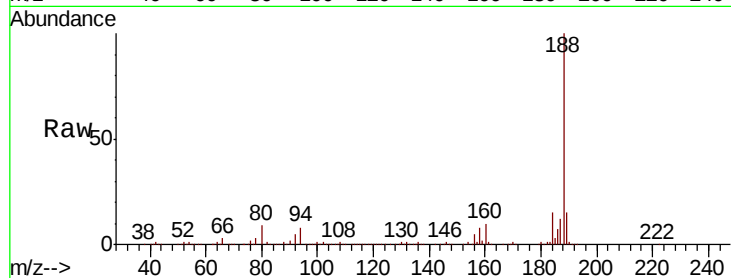
Tot Ion:188 Resp: 945462

Ion Ratio Lower Upper

188 100

94 8.5 7.5 11.3

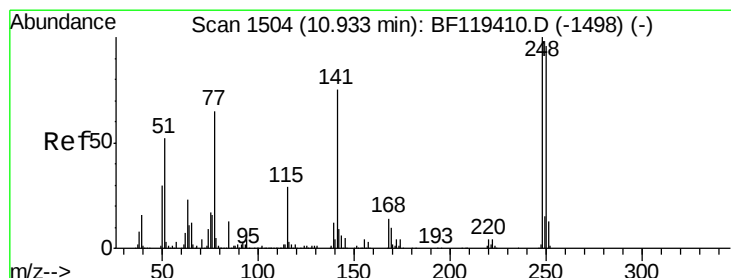
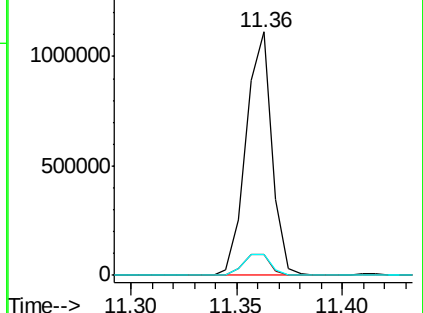
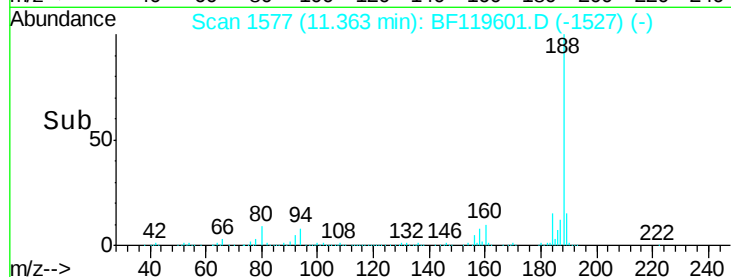
80 8.6 9.0 13.4#



Abundance Ion 188.00 (187.70 to 188.70): E

1500000 Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#67

4-Bromophenyl-phenylether

Concen: 2.720 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.25 min

Lab File: BF119601.D

Acq: 28 Mar 2020 7:21

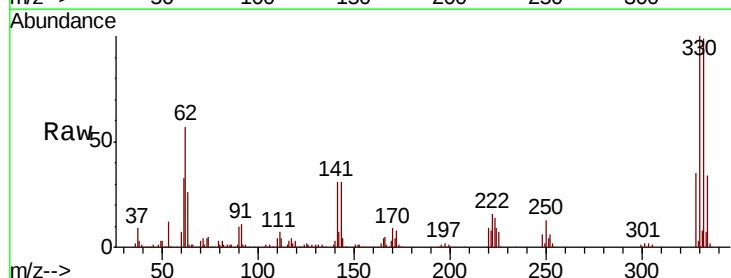
Tgt Ion:248 Resp: 29290

Ion Ratio Lower Upper

248 100

250 195.3 77.3 115.9#

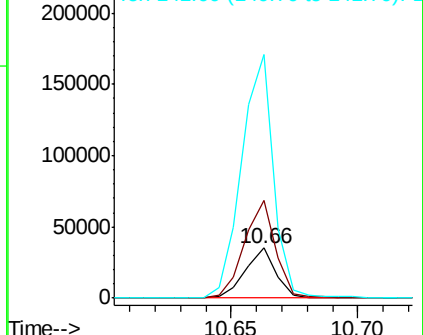
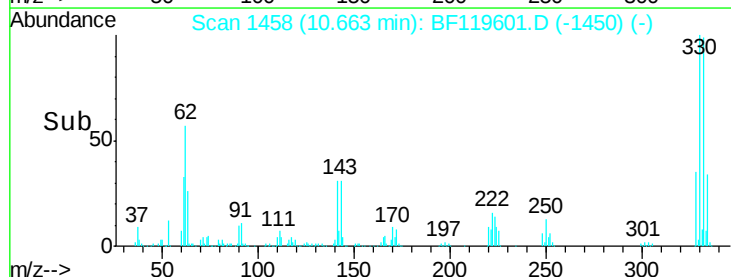
141 486.7 58.6 87.8#

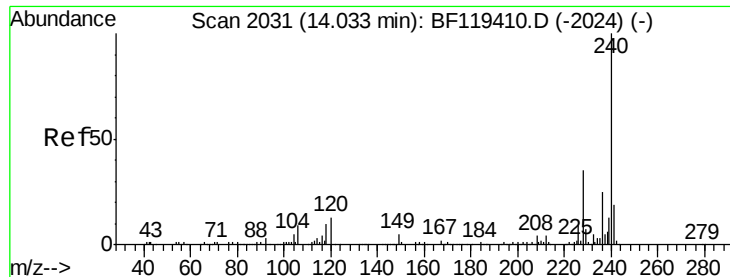


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF119601.D

Acq: 28 Mar 2020 7:21

Instrument :

BNA_F

ClientSampleId :

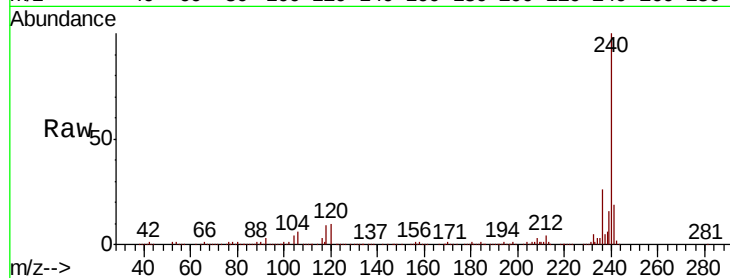
Tot Ion:240 Resp: 657202

Ion Ratio Lower Upper

240 100

120 9.6 10.6 15.8#

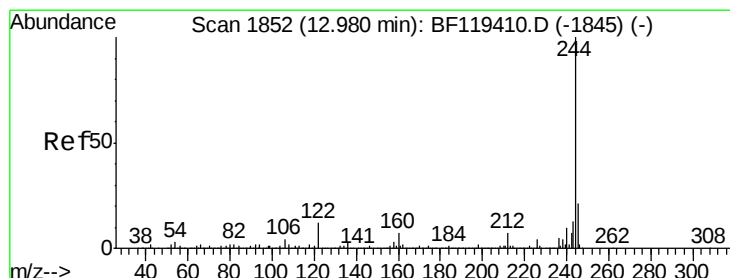
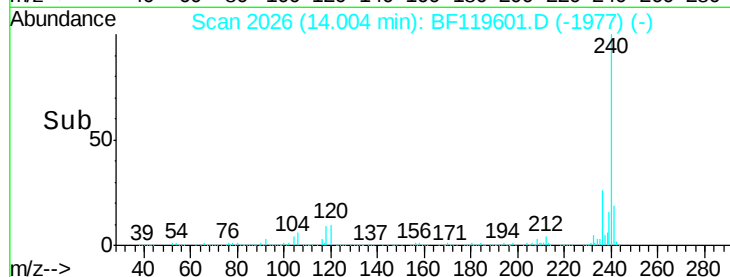
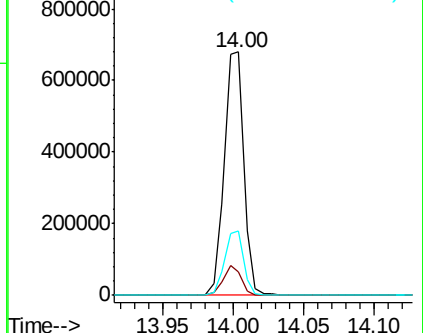
236 26.3 20.2 30.2



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: 70.104 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BF119601.D

Acq: 28 Mar 2020 7:21

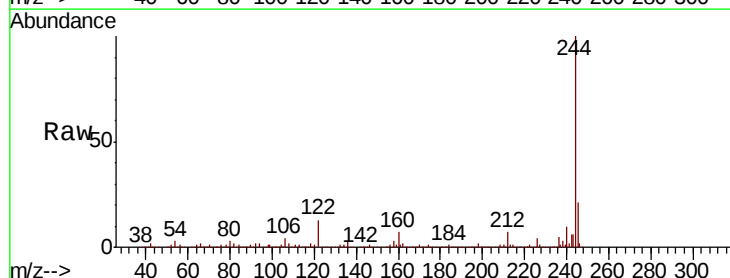
Tgt Ion:244 Resp: 2351597

Ion Ratio Lower Upper

244 100

212 6.5 5.8 8.8

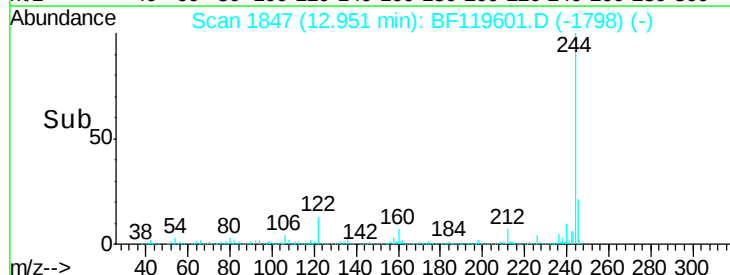
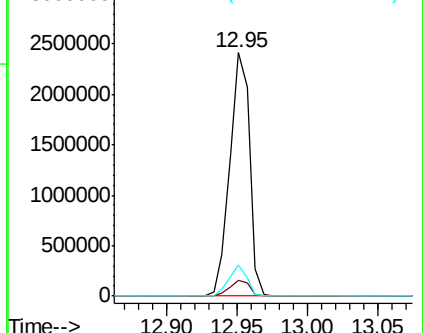
122 12.7 10.3 15.5

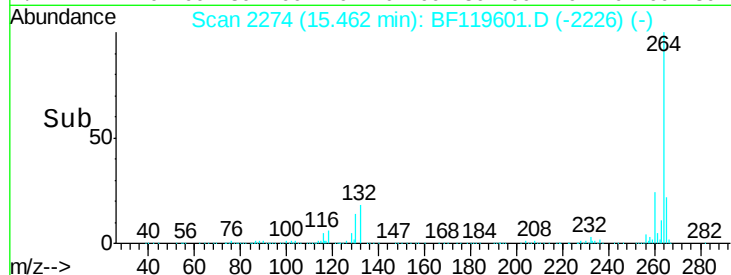
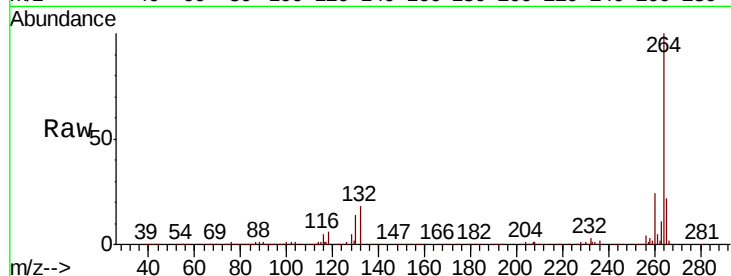
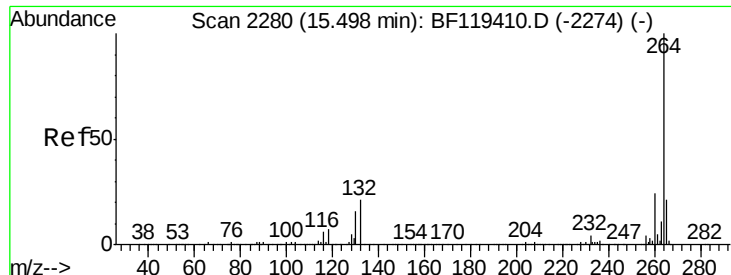


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2274
 Delta R.T. -0.02 min
 Lab File: BF119601.D
 Acq: 28 Mar 2020 7:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.7	28.1
265	22.4	17.7	26.5

