

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032620\
 Data File : BF119553.D
 Acq On : 27 Mar 2020 7:48
 Operator : CG/JU
 Sample : L2043-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2A

Quant Time: Mar 27 10:28:05 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

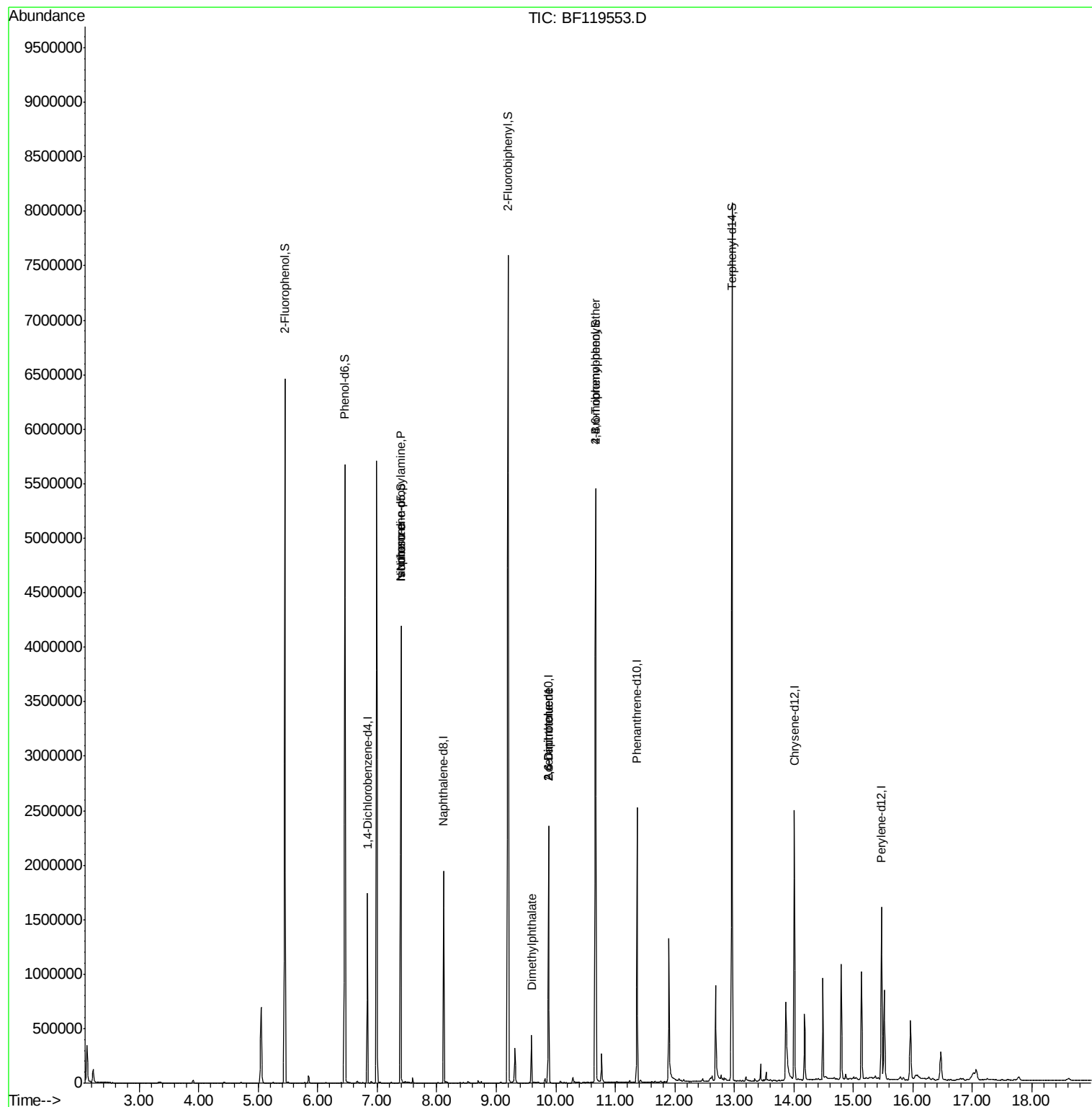
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	232872	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	892588	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	491947	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	979623	20.00	ng	0.00
76) Chrysene-d12	14.01	240	797413	20.00	ng	0.00
87) Perylene-d12	15.47	264	730146	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1670288	114.18	ng	0.01
7) Phenol-d6	6.46	99	2155325	115.34	ng	0.00
23) Nitrobenzene-d5	7.40	82	1338364	81.49	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	683218	134.62	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	2613456	78.70	ng	0.00
79) Terphenyl-d14	12.96	244	3092933	75.99	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	177143	15.727	ng	# 75
25) Isophorone	7.40	82	1330337	39.931	ng	# 65
50) Dimethylphthalate	9.59	163	168732	4.829	ng	# 98
51) 2,6-Dinitrotoluene	9.88	165	62727	8.375	ng	# 26
57) 2,4-Dinitrotoluene	9.88	165	62727	6.648	ng	# 20
67) 4-Bromophenyl-phenylether	10.67	248	42973	3.852	ng	# 1

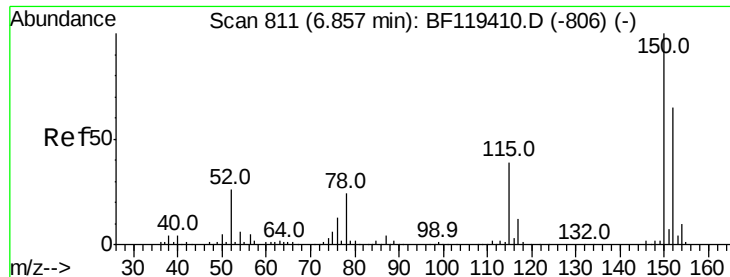
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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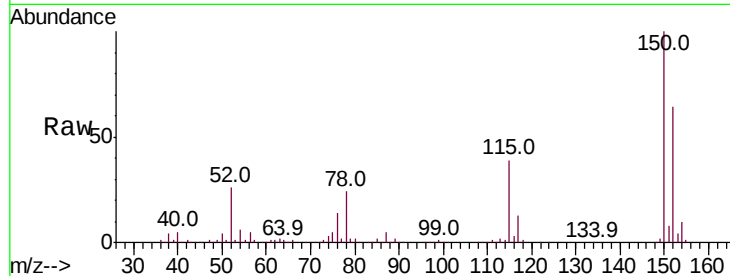


#1

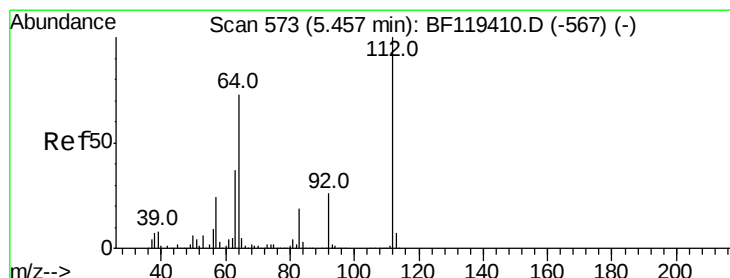
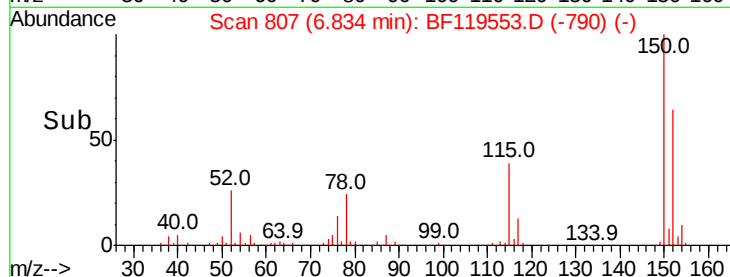
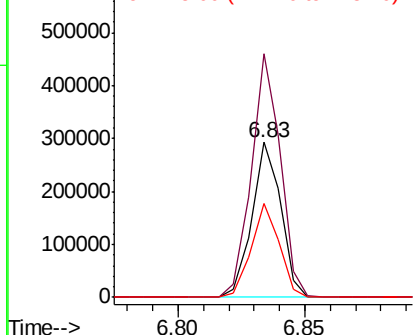
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: BF119553.D
 Acq: 27 Mar 2020 7:48

Instrument :
 BNA_F
 ClientSampleId :
 TP-2A

Tot Ion:152 Resp: 232872
 Ion Ratio Lower Upper
 152 100
 150 157.1 124.5 186.7
 115 60.8 49.6 74.4



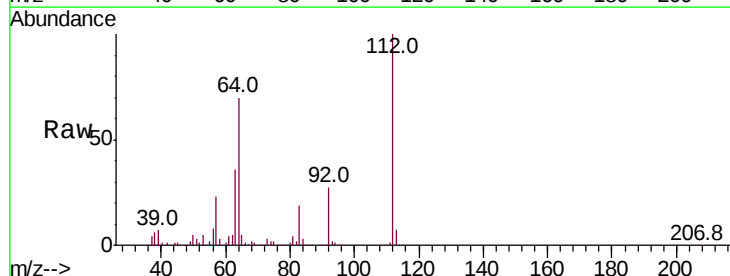
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



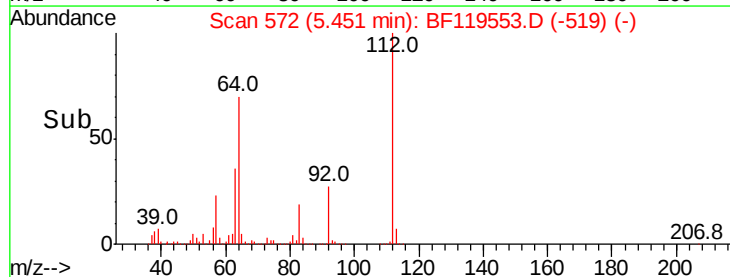
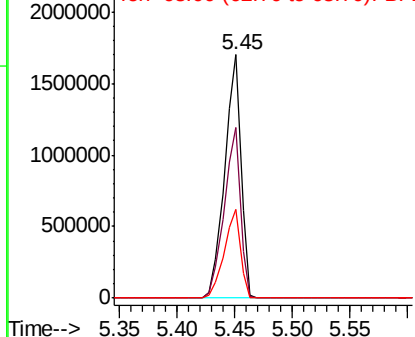
#5

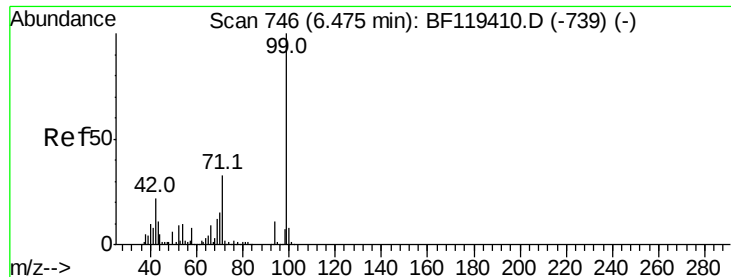
2-Fluorophenol
 Concen: 114.180 ng
 RT: 5.45 min Scan# 572
 Delta R.T. 0.01 min
 Lab File: BF119553.D
 Acq: 27 Mar 2020 7:48

Tgt Ion:112 Resp: 1670288
 Ion Ratio Lower Upper
 112 100
 64 70.2 56.7 85.1
 63 36.3 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: 115.339 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF119553.D

Acq: 27 Mar 2020 7:48

Instrument :

BNA_F

ClientSampleId :

TP-2A

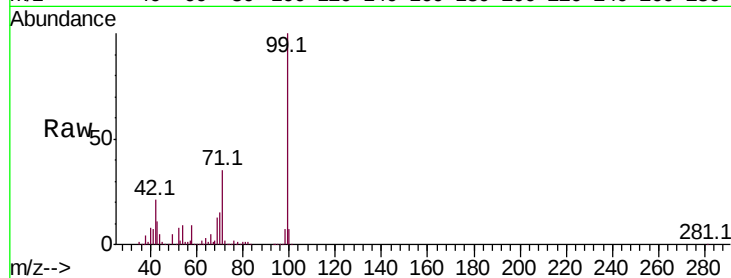
Tot Ion: 99 Resp: 2155325

Ion Ratio Lower Upper

99 100

42 21.1 16.6 24.8

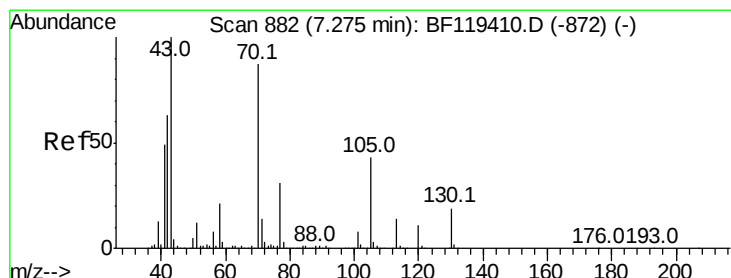
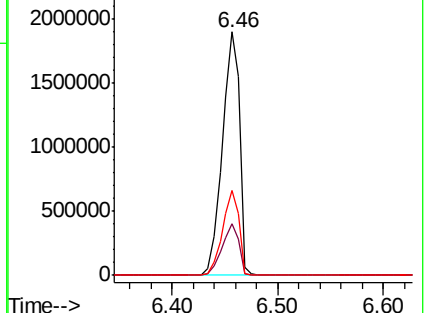
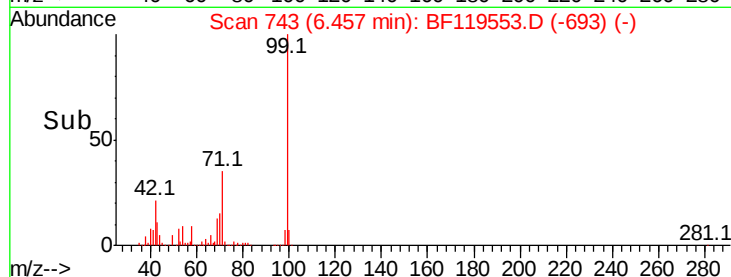
71 35.0 26.4 39.6



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: 15.727 ng

RT: 7.40 min Scan# 903

Delta R.T. 0.14 min

Lab File: BF119553.D

Acq: 27 Mar 2020 7:48

Tgt Ion: 70 Resp: 177143

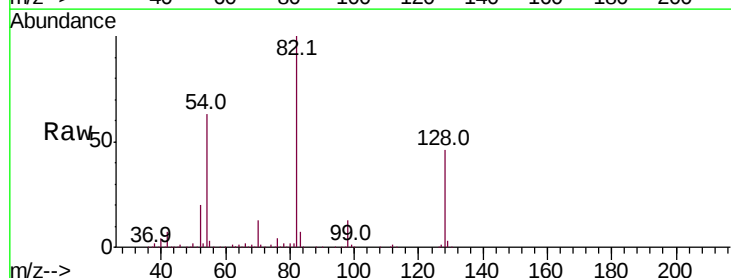
Ion Ratio Lower Upper

70 100

42 52.7 54.5 81.7#

101 0.0 7.6 11.4#

130 2.1 17.6 26.4#

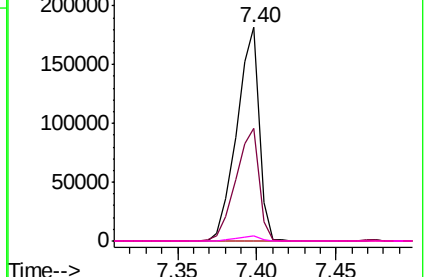
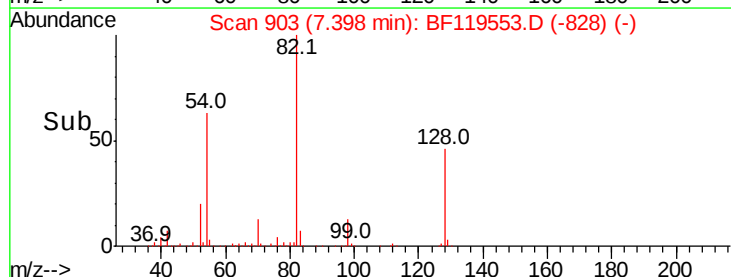


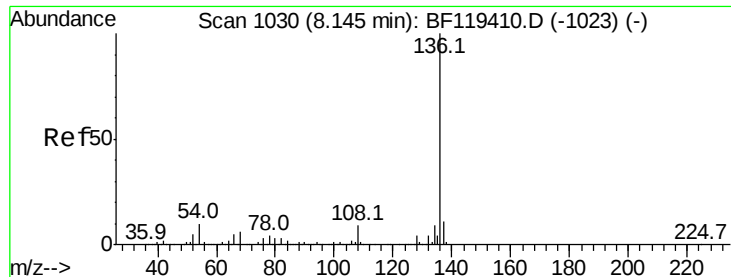
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF119553.D

Acq: 27 Mar 2020 7:48

Instrument :

BNA_F

ClientSampleId :

TP-2A

Tot Ion:136 Resp: 892588

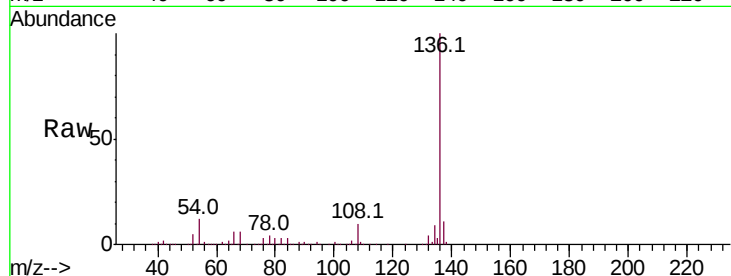
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 11.6 9.1 13.7

68 6.0 4.6 6.8

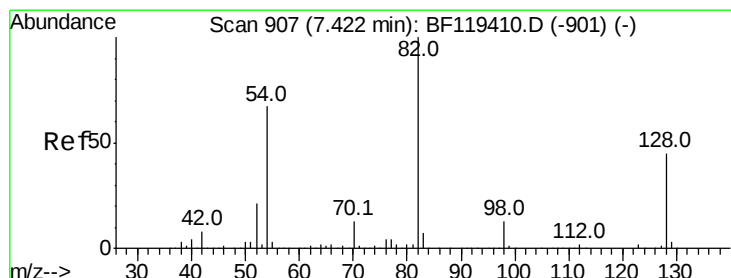
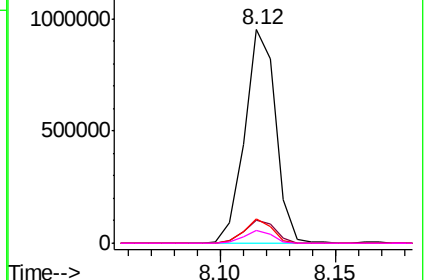
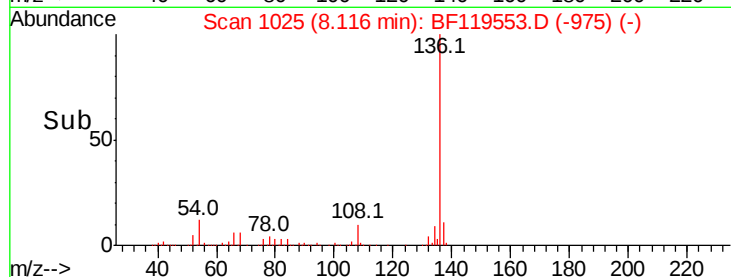


Abundance Ion 136.00 (135.70 to 136.70): E

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: 81.490 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.01 min

Lab File: BF119553.D

Acq: 27 Mar 2020 7:48

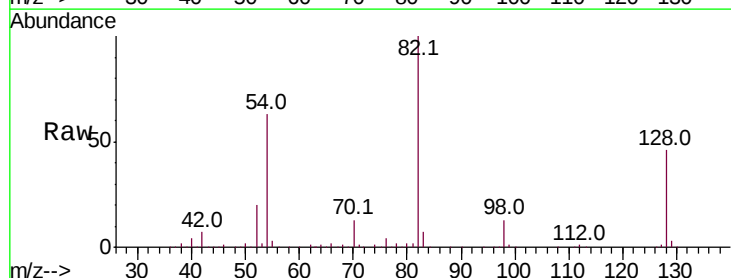
Tgt Ion: 82 Resp: 1338364

Ion Ratio Lower Upper

82 100

128 46.4 36.3 54.5

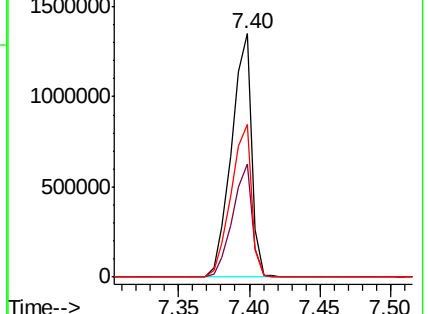
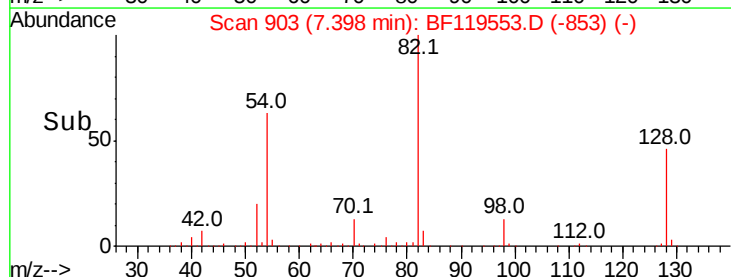
54 62.9 50.6 75.8

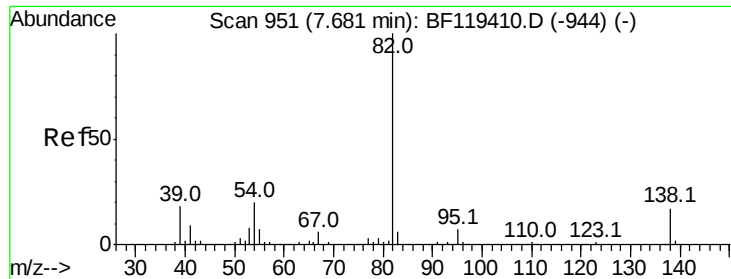


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 39.931 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.26 min

Lab File: BF119553.D

Acq: 27 Mar 2020 7:48

Instrument :

BNA_F

ClientSampleId :

TP-2A

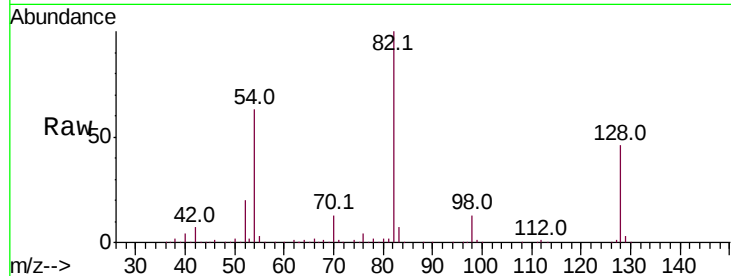
Tot Ion: 82 Resp: 1330337

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

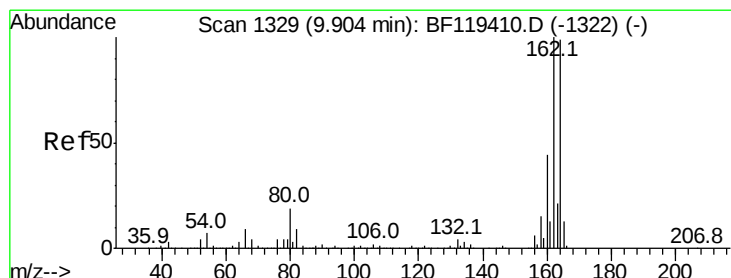
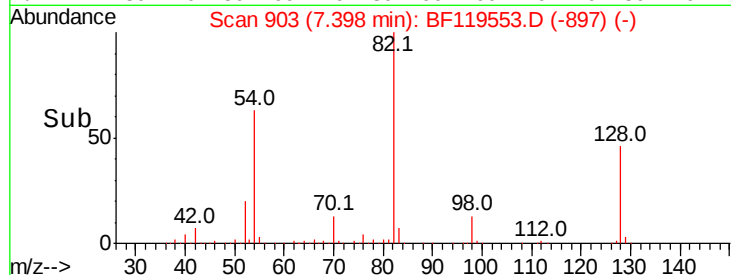
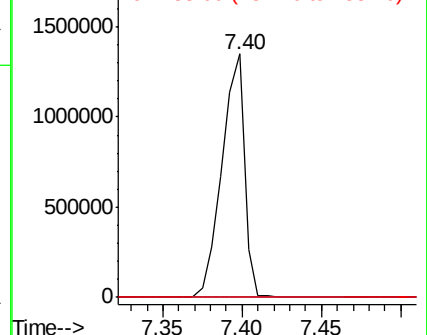
138 0.0 14.6 21.8#



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: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF119553.D

Acq: 27 Mar 2020 7:48

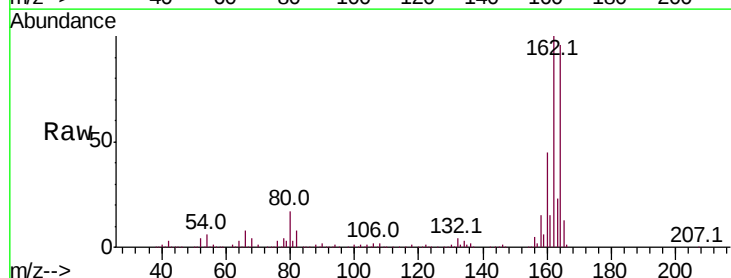
Tgt Ion:164 Resp: 491947

Ion Ratio Lower Upper

164 100

162 104.3 80.6 121.0

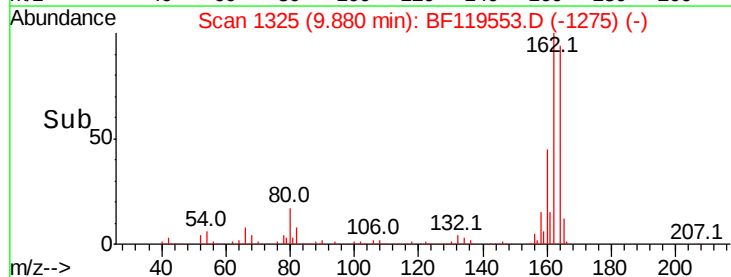
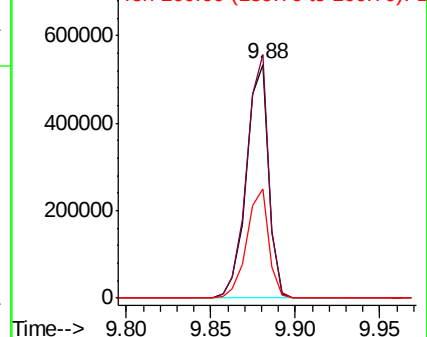
160 46.6 35.7 53.5

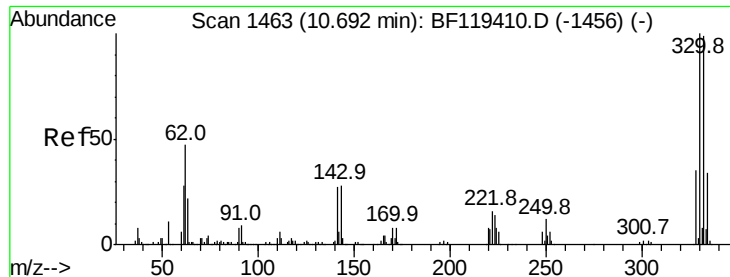


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

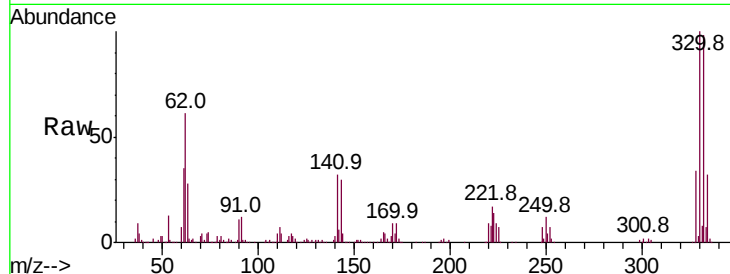




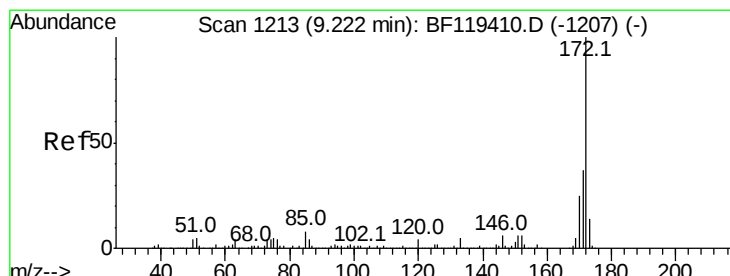
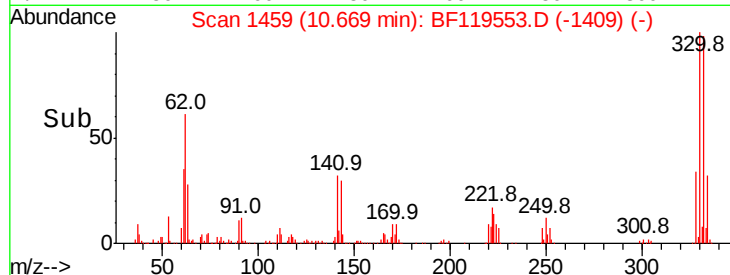
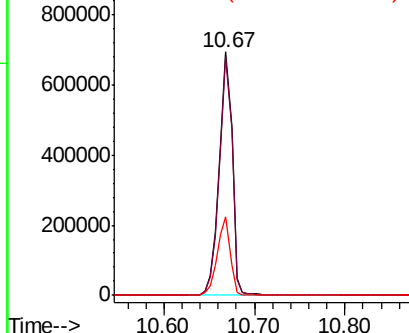
#42
 2,4,6-Tribromophenol
 Concen: 134.618 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF119553.D
 Acq: 27 Mar 2020 7:48

Instrument :
 BNA_F
 ClientSampleId :
 TP-2A

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	75.7	113.5
141	32.2	25.4	38.0

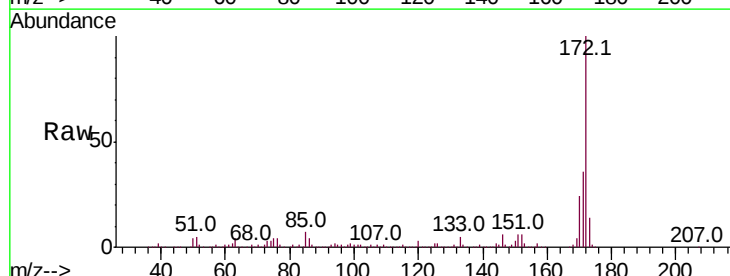


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

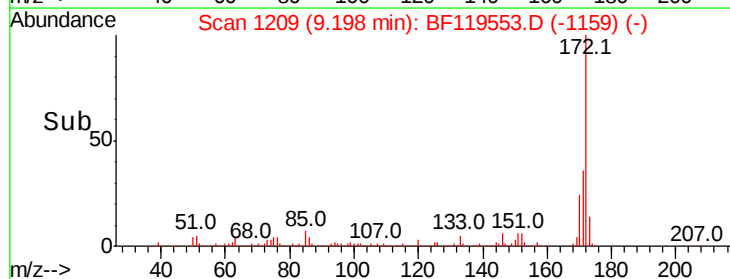
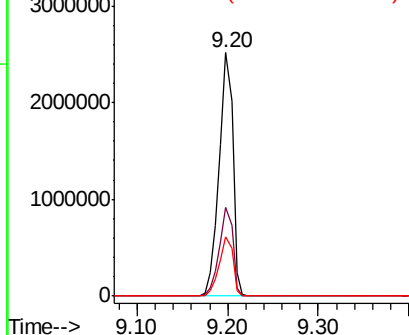


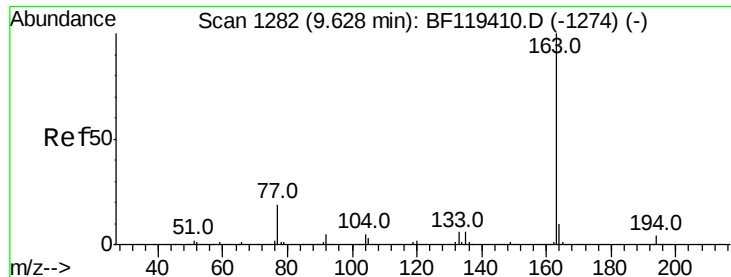
#45
 2-Fluorobiphenyl
 Concen: 78.703 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF119553.D
 Acq: 27 Mar 2020 7:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	24.2	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

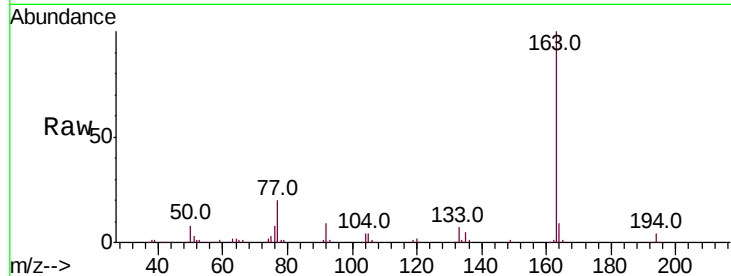




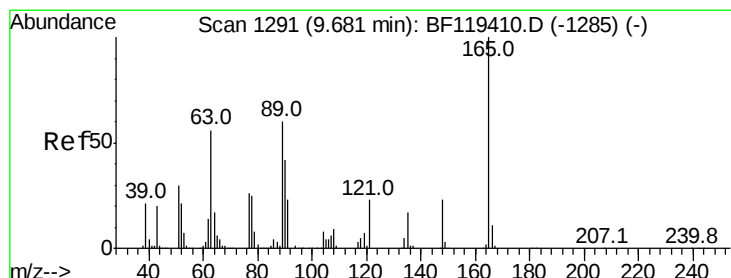
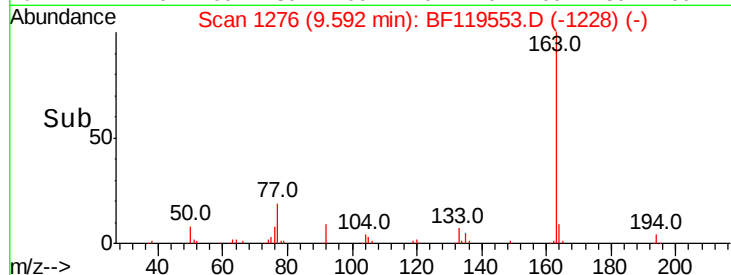
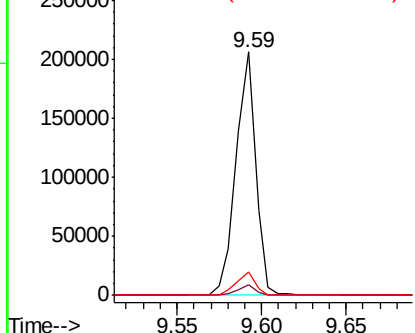
#50
Dimethylphthalate
Concen: 4.829 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF119553.D
Acq: 27 Mar 2020 7:48

Instrument :
BNA_F
ClientSampled :
TP-2A

Tot Ion:163 Resp: 168732
Ion Ratio Lower Upper
163 100
194 4.2 3.1 4.7
164 9.4 8.2 12.2

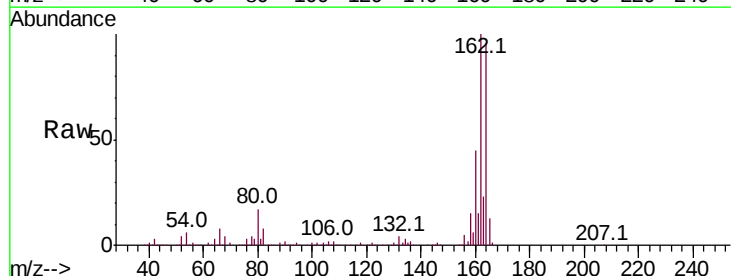


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

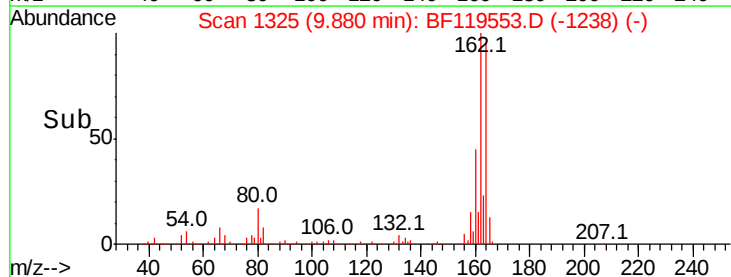
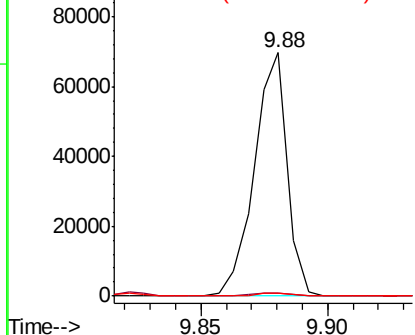


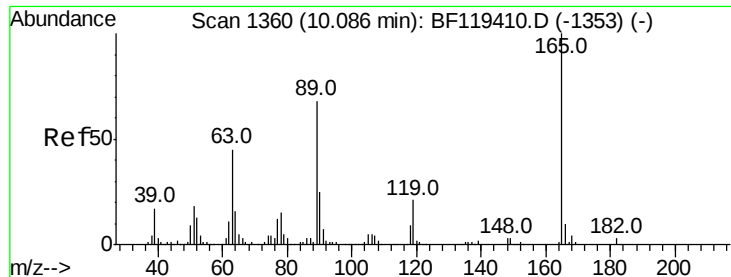
#51
2,6-Dinitrotoluene
Concen: 8.375 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.21 min
Lab File: BF119553.D
Acq: 27 Mar 2020 7:48

Tgt Ion:165 Resp: 62727
Ion Ratio Lower Upper
165 100
63 1.4 45.0 67.4#
89 1.2 41.5 62.3#



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

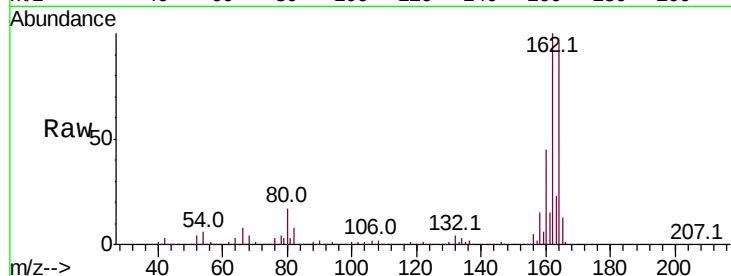




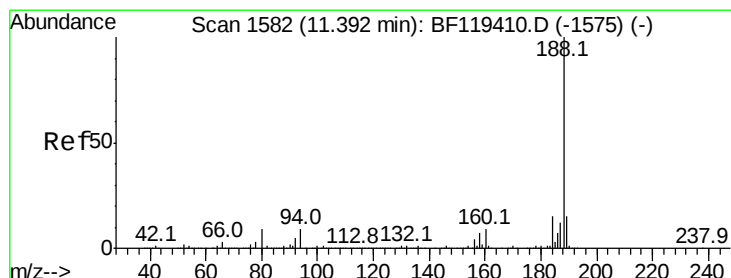
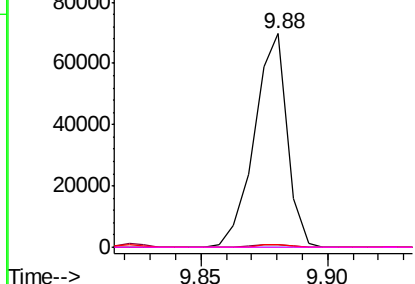
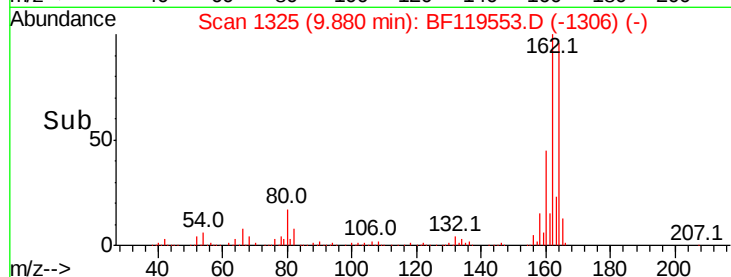
#57
 2,4-Dinitrotoluene
 Concen: 6.648 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.19 min
 Lab File: BF119553.D
 Acq: 27 Mar 2020 7:48

Instrument :
 BNA_F
 ClientSampleId :
 TP-2A

Tot Ion:165 Resp: 62727
 Ion Ratio Lower Upper
 165 100
 63 1.4 42.6 64.0#
 89 1.2 61.0 91.4#
 182 0.0 2.2 3.2#

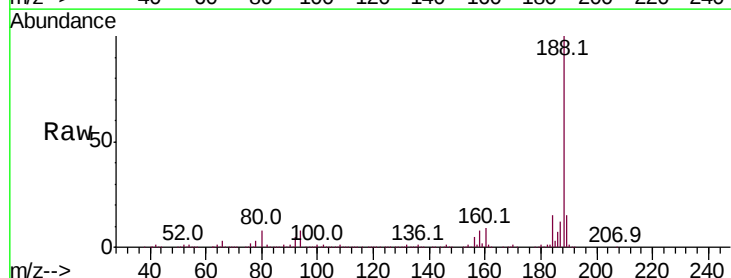


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

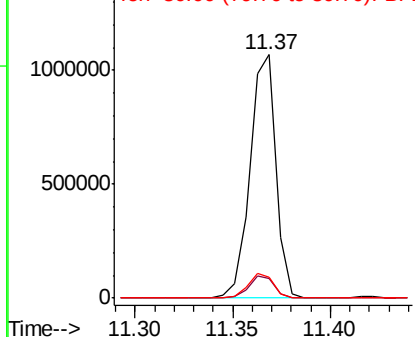
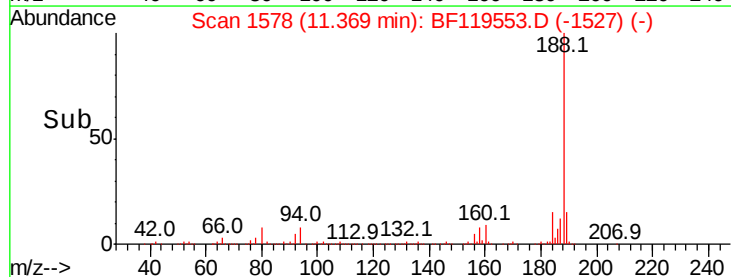


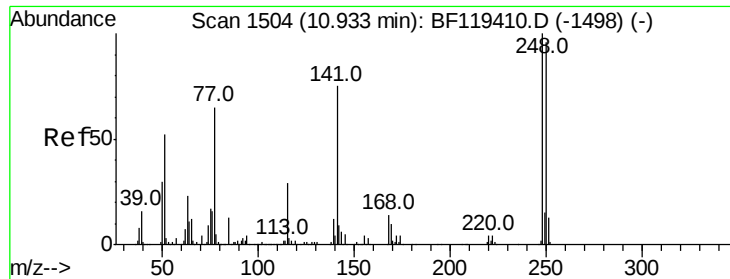
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.37 min Scan# 1578
 Delta R.T. -0.00 min
 Lab File: BF119553.D
 Acq: 27 Mar 2020 7:48

Tgt Ion:188 Resp: 979623
 Ion Ratio Lower Upper
 188 100
 94 7.9 7.5 11.3
 80 8.5 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

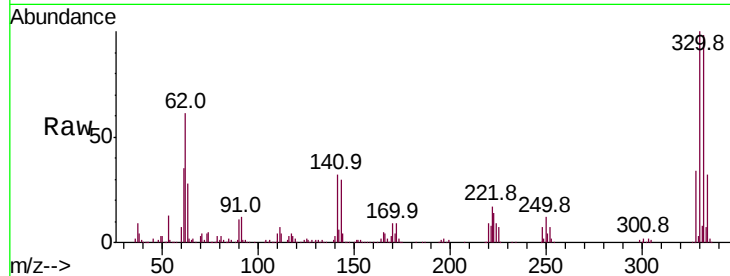




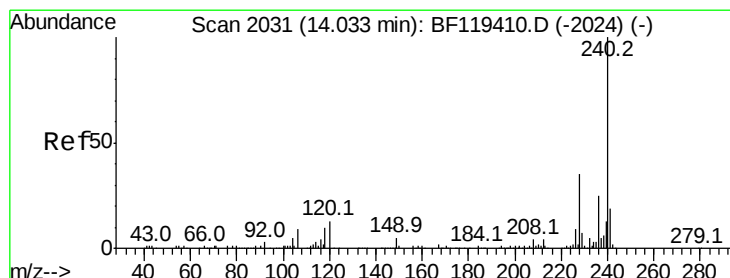
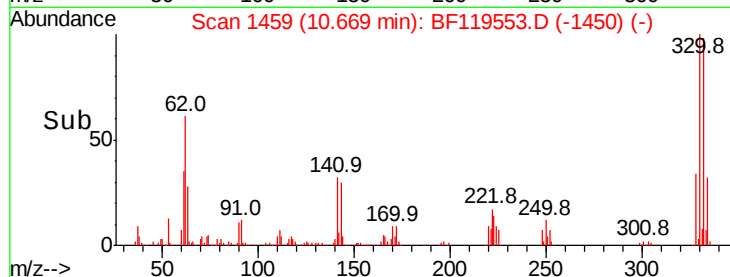
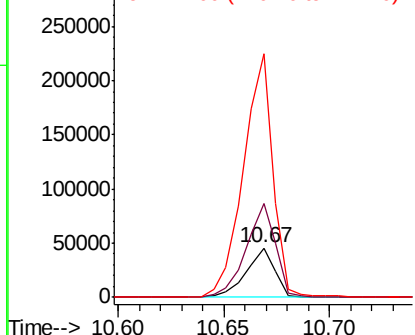
#67
4-Bromophenyl-phenylether
Concen: 3.852 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.25 min
Lab File: BF119553.D
Acq: 27 Mar 2020 7:48

Instrument :
BNA_F
ClientSampleId :
TP-2A

Tot Ion:248 Resp: 42973
Ion Ratio Lower Upper
248 100
250 190.9 77.3 115.9#
141 495.5 58.6 87.8#

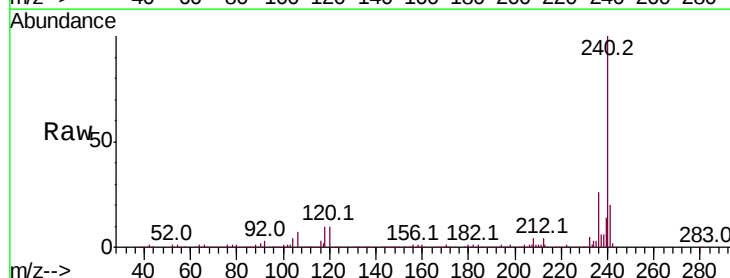


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

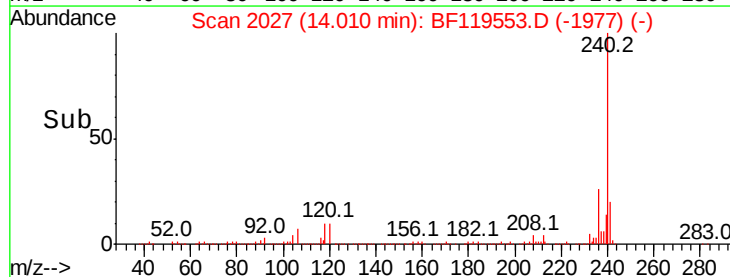
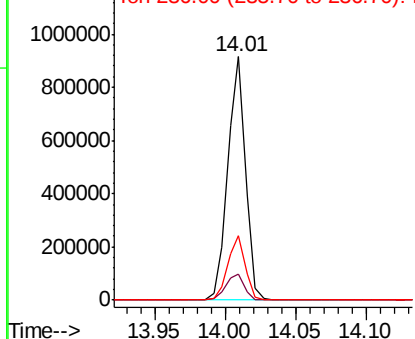


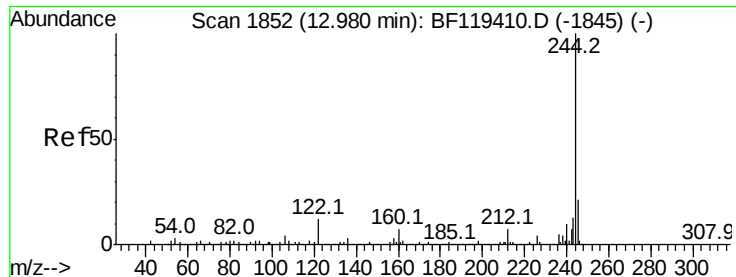
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF119553.D
Acq: 27 Mar 2020 7:48

Tgt Ion:240 Resp: 797413
Ion Ratio Lower Upper
240 100
120 10.5 10.6 15.8#
236 26.2 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: 75.992 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.00 min

Lab File: BF119553.D

Acq: 27 Mar 2020 7:48

Instrument :

BNA_F

ClientSampleId :

TP-2A

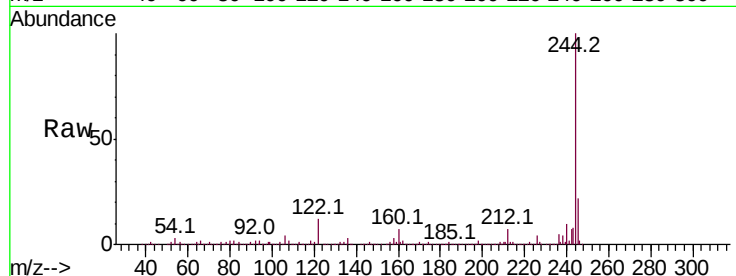
Tot Ion:244 Resp: 3092933

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

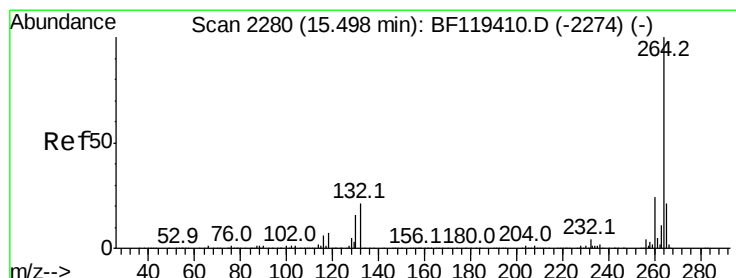
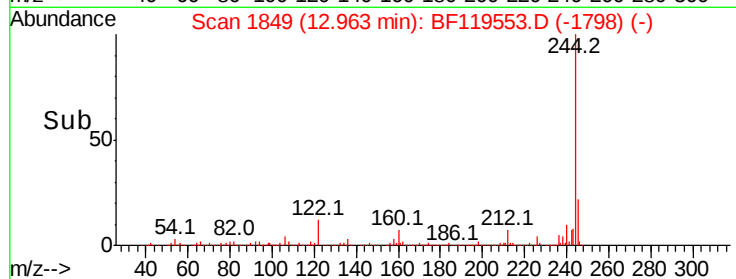
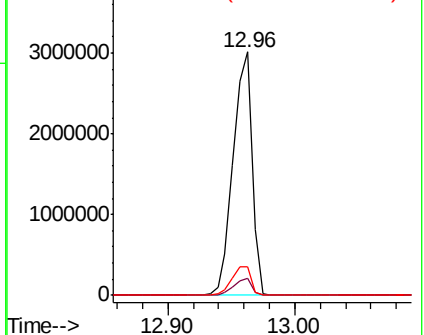
122 11.8 10.3 15.5



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

Perylene-d12

Concen: 20.000 ng

RT: 15.47 min Scan# 2276

Delta R.T. -0.01 min

Lab File: BF119553.D

Acq: 27 Mar 2020 7:48

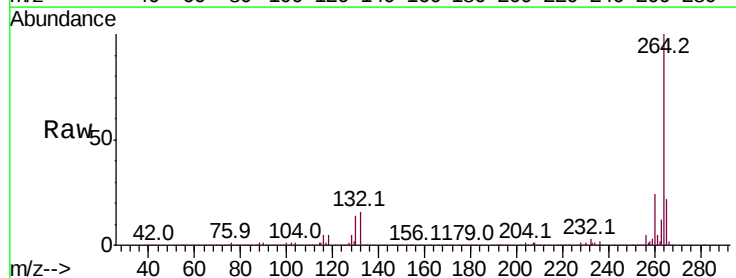
Tgt Ion:264 Resp: 730146

Ion Ratio Lower Upper

264 100

260 23.9 18.7 28.1

265 21.8 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

