

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032720\
 Data File : BF119585.D
 Acq On : 27 Mar 2020 23:38
 Operator : CG/JU
 Sample : L2048-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-4

Quant Time: Mar 28 03:32:24 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

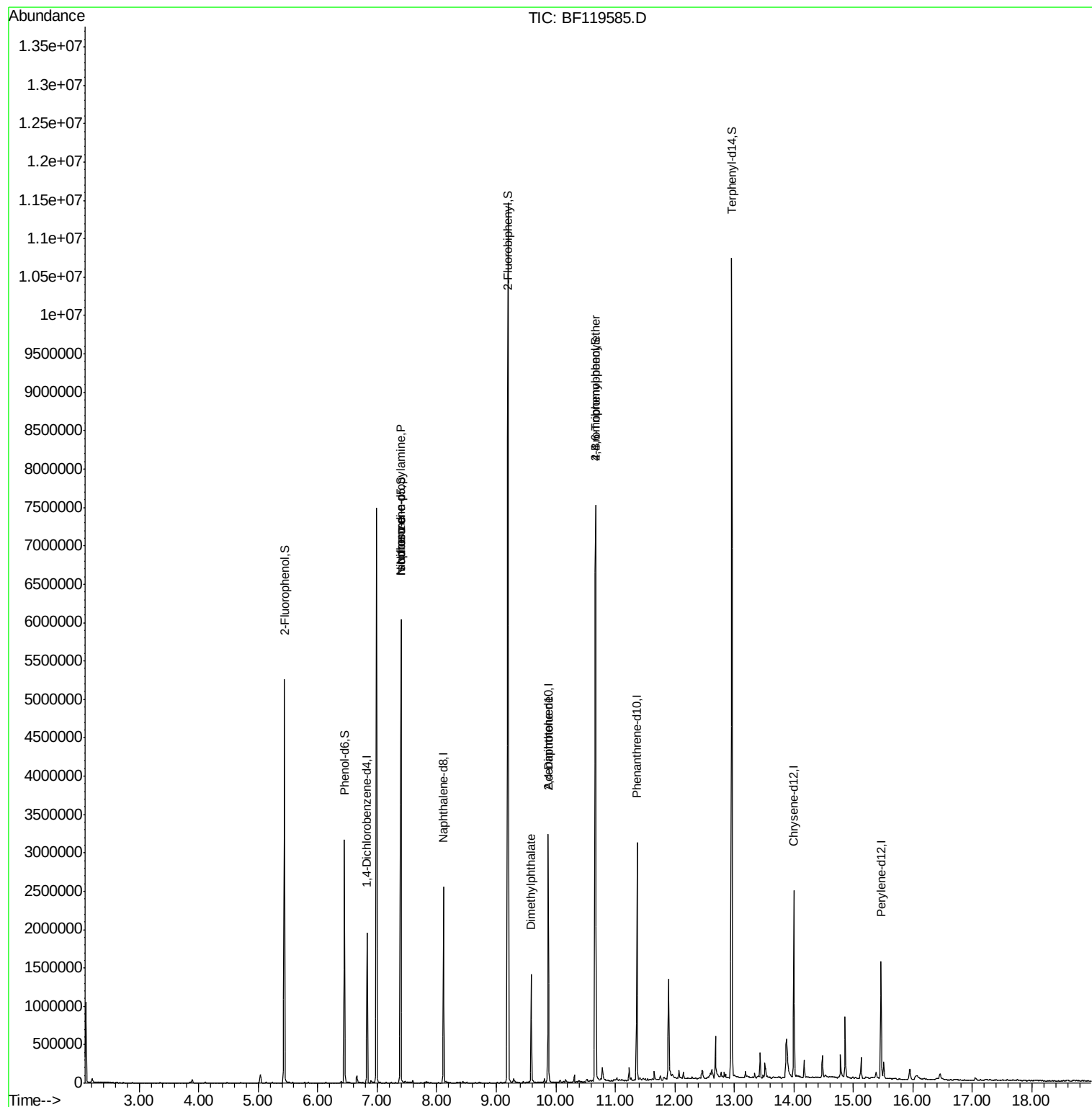
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	292579	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1091289	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	592456	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	1143646	20.00	ng	0.00
76) Chrysene-d12	14.00	240	846867	20.00	ng	-0.01
87) Perylene-d12	15.46	264	696686	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1331958	72.47	ng	0.00
7) Phenol-d6	6.45	99	1092415	46.53	ng	-0.01
23) Nitrobenzene-d5	7.40	82	2133022	106.23	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	1056884	172.91	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	3834032	95.87	ng	0.00
79) Terphenyl-d14	12.96	244	4245987	98.23	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	287606	20.32	ng	# 74
25) Isophorone	7.40	82	2114905	51.92	ng	# 65
50) Dimethylphthalate	9.59	163	508641	12.09	ng	99
57) 2,4-Dinitrotoluene	9.87	165	76212	6.71	ng	# 20
67) 4-Bromophenyl-phenylether	10.67	248	62809	4.82	ng	# 1

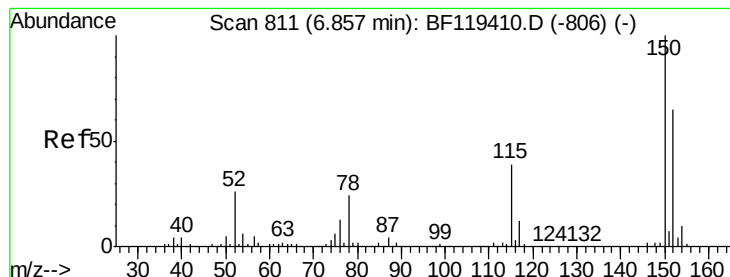
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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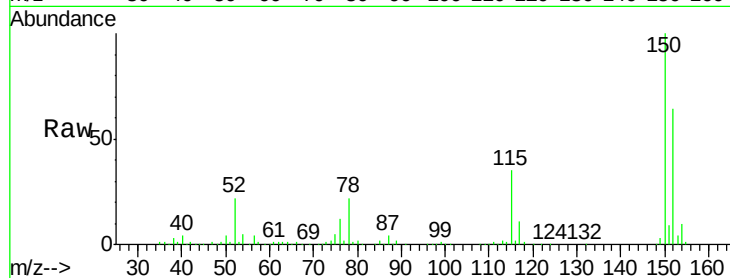


#1

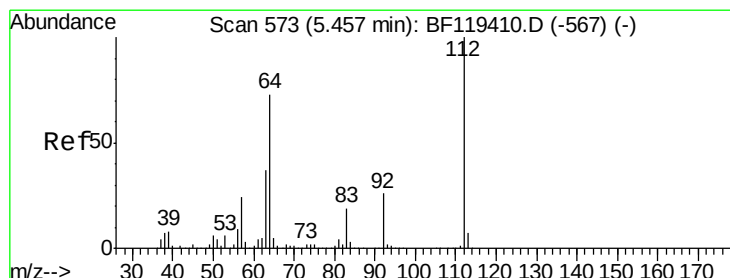
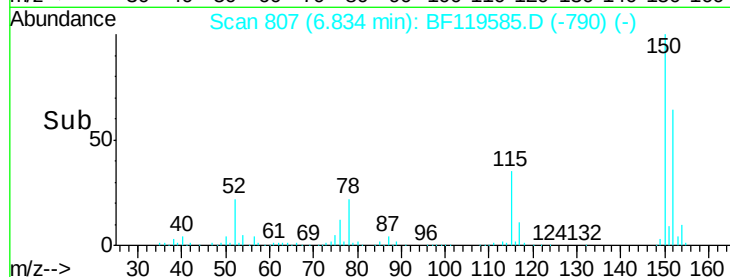
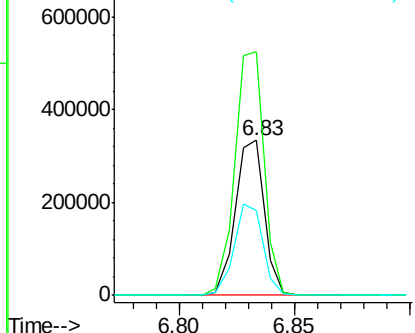
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF119585.D
Acq: 27 Mar 2020 23:38

Instrument :
BNA_F
ClientSampleId :
GW-4

Tgt Ion:152 Resp: 292579
Ion Ratio Lower Upper
152 100
150 157.0 124.5 186.7
115 54.9 49.6 74.4



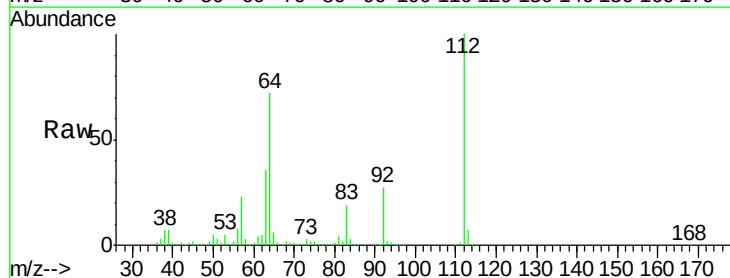
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



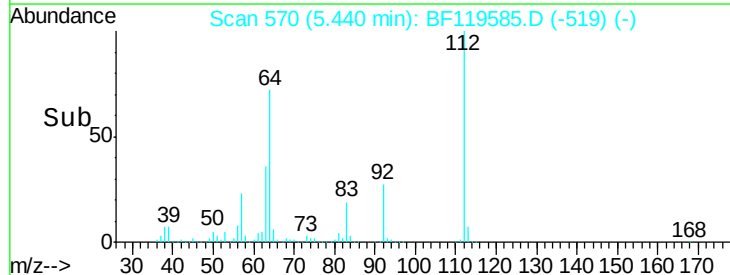
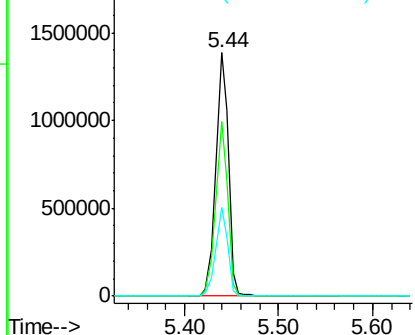
#5

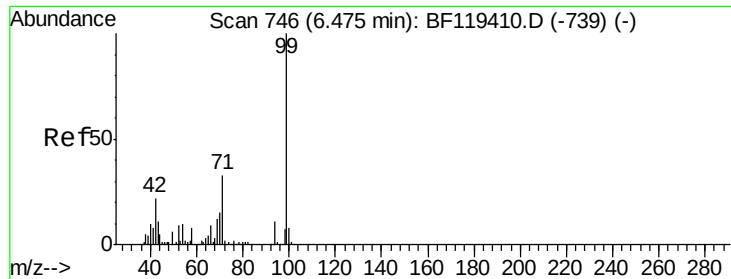
2-Fluorophenol
Concen: 72.47 ng
RT: 5.44 min Scan# 570
Delta R.T. -0.00 min
Lab File: BF119585.D
Acq: 27 Mar 2020 23:38

Tgt Ion:112 Resp: 1331958
Ion Ratio Lower Upper
112 100
64 71.6 56.7 85.1
63 36.4 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: 46.53 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF119585.D

Acq: 27 Mar 2020 23:38

Instrument :

BNA_F

ClientSampleId :

GW-4

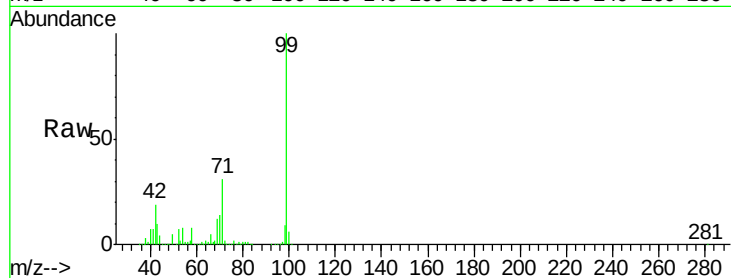
Tgt Ion: 99 Resp: 1092415

Ion Ratio Lower Upper

99 100

42 18.5 16.6 24.8

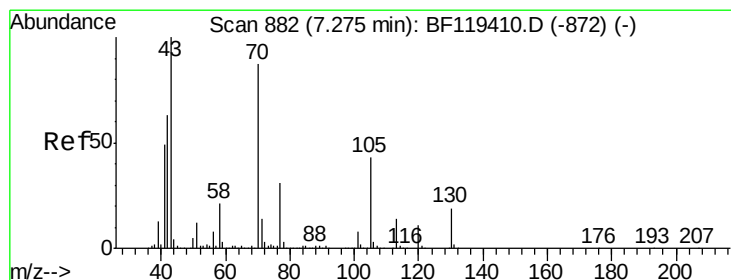
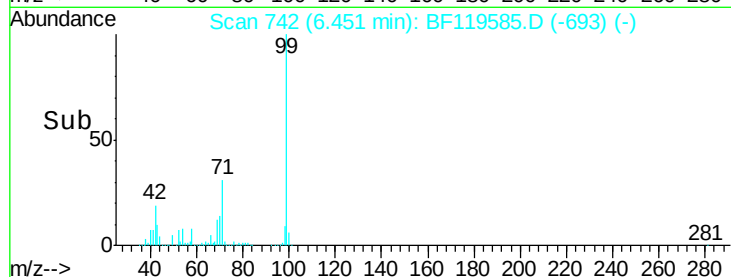
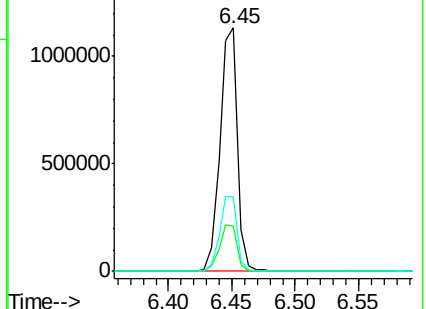
71 30.6 26.4 39.6



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: 20.32 ng

RT: 7.40 min Scan# 903

Delta R.T. 0.14 min

Lab File: BF119585.D

Acq: 27 Mar 2020 23:38

Tgt Ion: 70 Resp: 287606

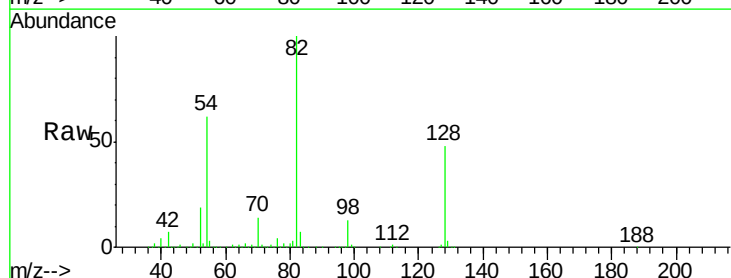
Ion Ratio Lower Upper

70 100

42 50.7 54.5 81.7#

101 0.0 7.6 11.4#

130 2.2 17.6 26.4#

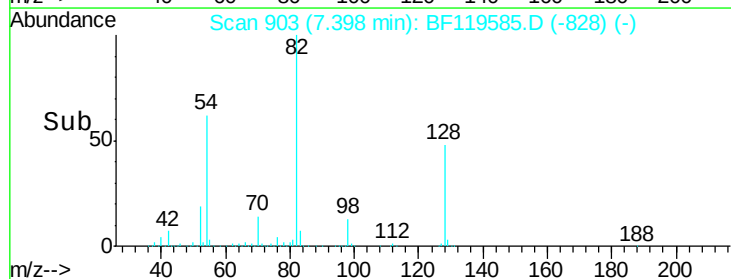
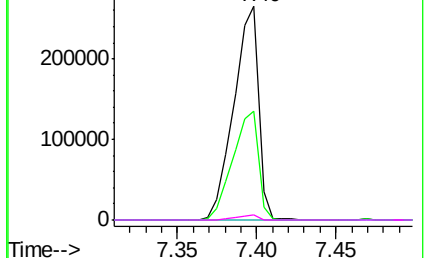


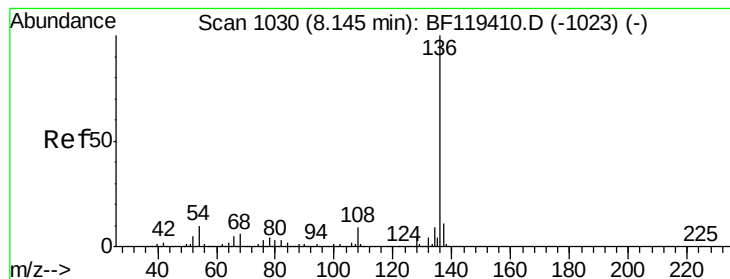
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 20.00 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF119585.D

Acq: 27 Mar 2020 23:38

Instrument :

BNA_F

ClientSampleId :

GW-4

Tgt Ion:136 Resp: 1091289

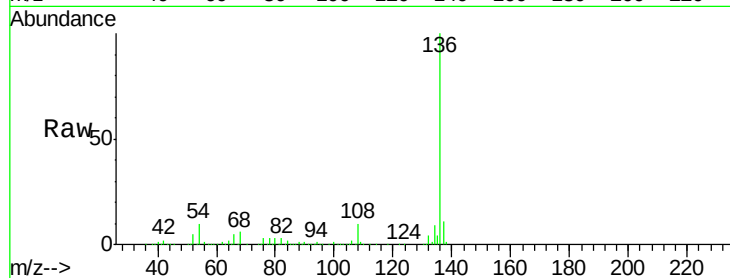
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 10.5 9.1 13.7

68 5.8 4.6 6.8

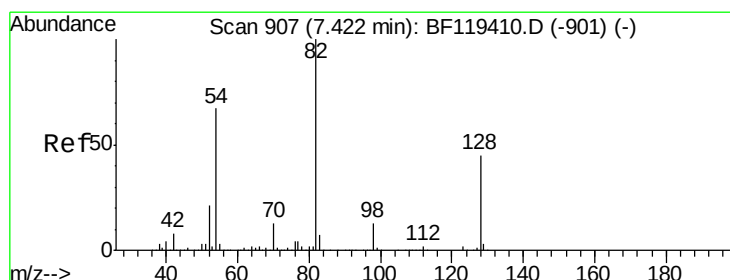
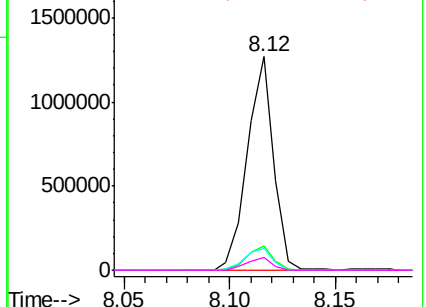
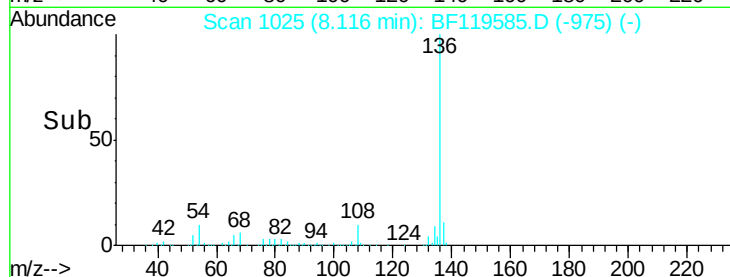


Abundance Ion 136.00 (135.70 to 136.70): E

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: 106.23 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.01 min

Lab File: BF119585.D

Acq: 27 Mar 2020 23:38

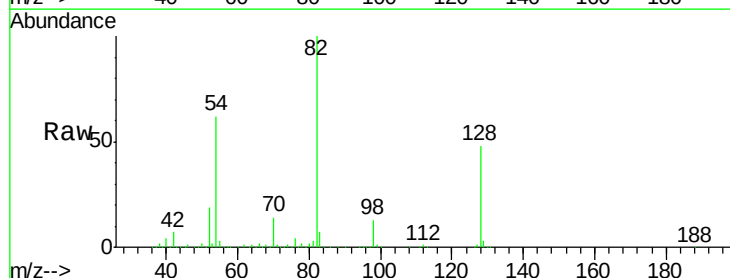
Tgt Ion: 82 Resp: 2133022

Ion Ratio Lower Upper

82 100

128 48.2 36.3 54.5

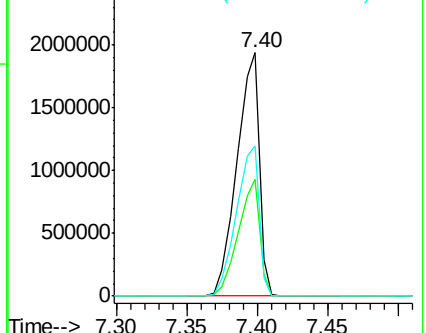
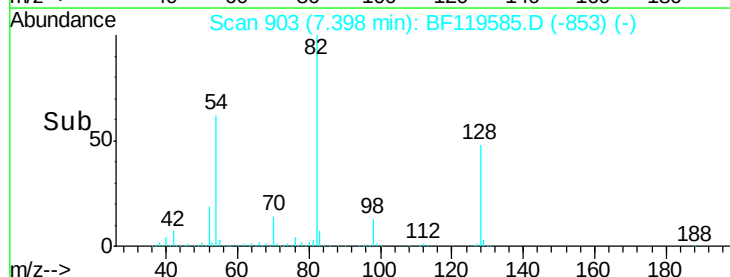
54 61.7 50.6 75.8

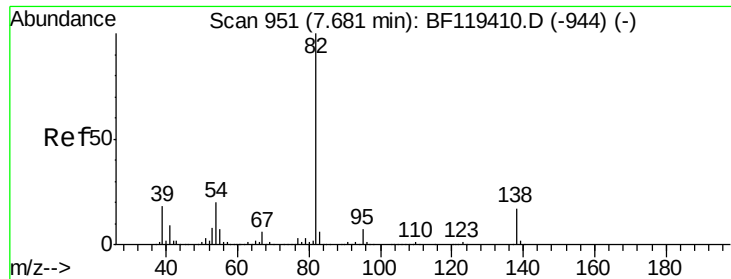


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 51.92 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.26 min

Lab File: BF119585.D

Acq: 27 Mar 2020 23:38

Instrument :

BNA_F

ClientSampled :

GW-4

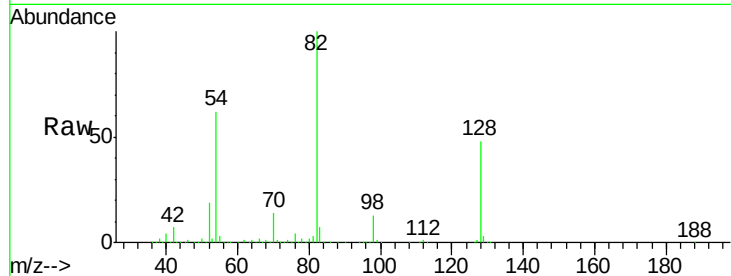
Tgt Ion: 82 Resp: 2114905

Ion Ratio Lower Upper

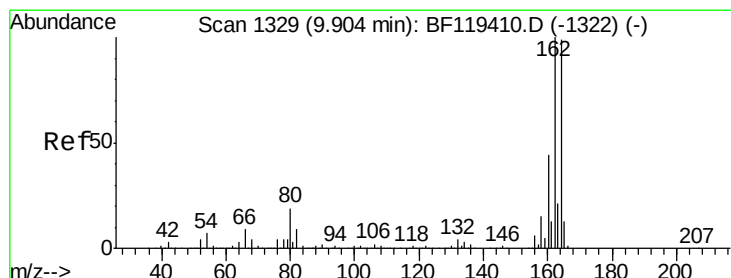
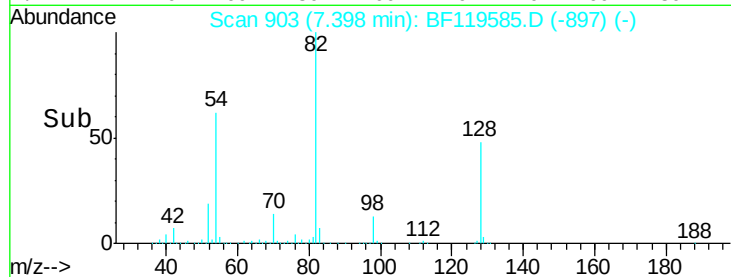
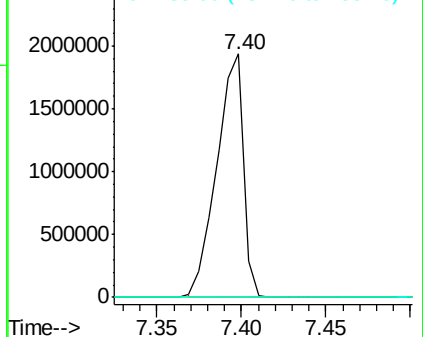
82 100

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: BF119585.D

Acq: 27 Mar 2020 23:38

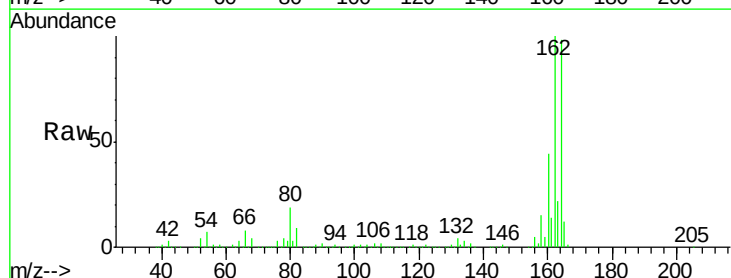
Tgt Ion: 164 Resp: 592456

Ion Ratio Lower Upper

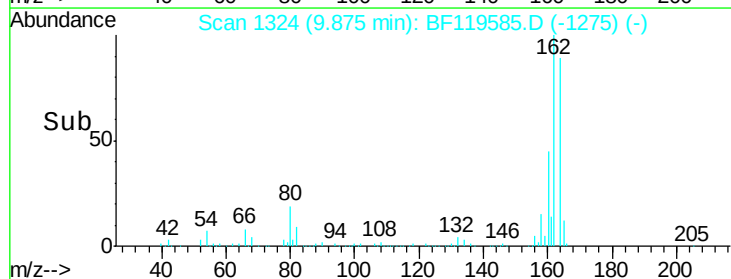
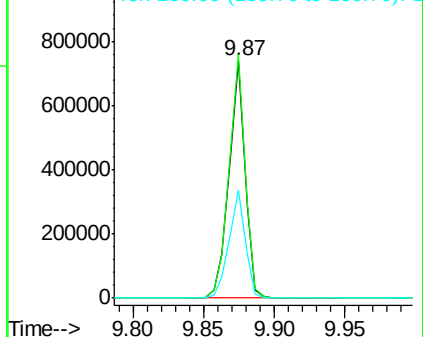
164 100

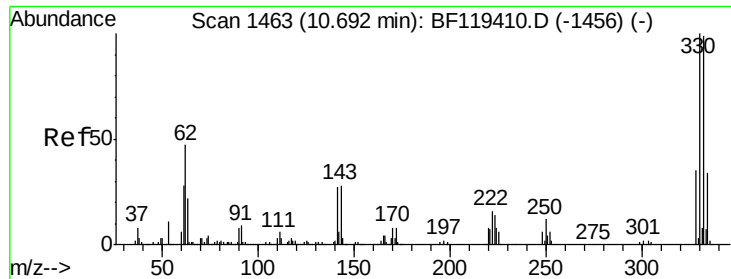
162 102.4 80.6 121.0

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

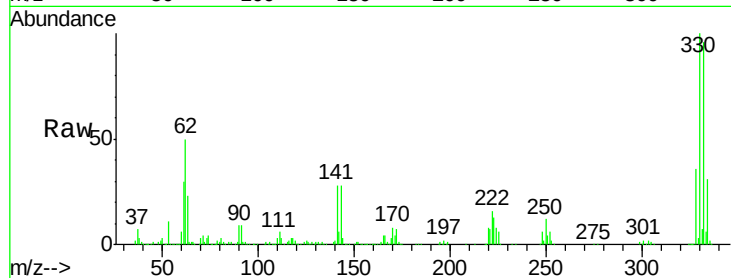




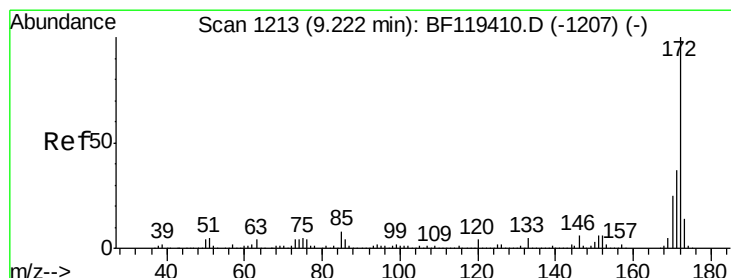
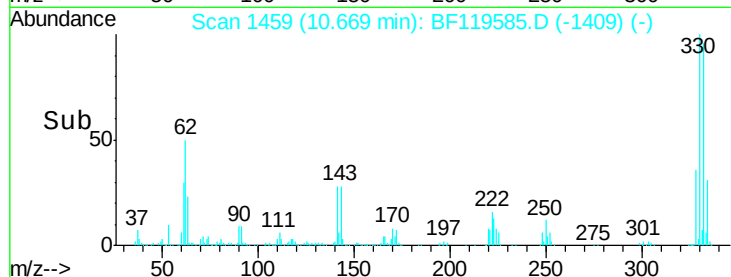
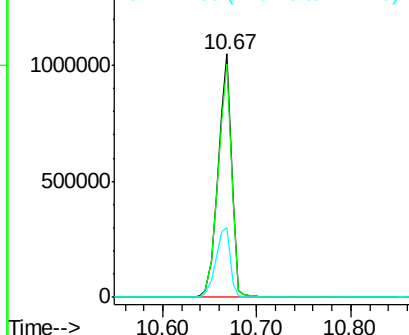
#42
 2,4,6-Tribromophenol
 Concen: 172.91 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF119585.D
 Acq: 27 Mar 2020 23:38

Instrument :
 BNA_F
 ClientSampleId :
 GW-4

Tgt Ion:330 Resp: 1056884
 Ion Ratio Lower Upper
 330 100
 332 96.7 75.7 113.5
 141 31.3 25.4 38.0

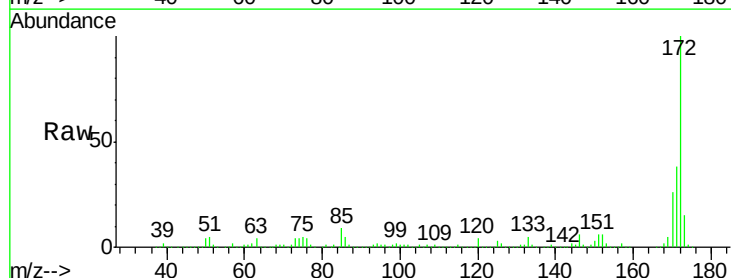


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

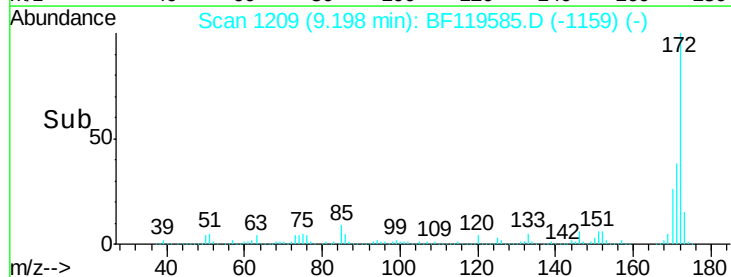
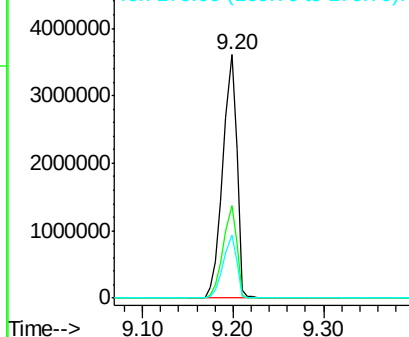


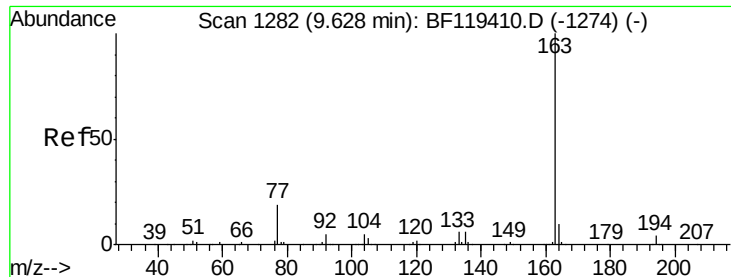
#45
 2-Fluorobiphenyl
 Concen: 95.87 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF119585.D
 Acq: 27 Mar 2020 23:38

Tgt Ion:172 Resp: 3834032
 Ion Ratio Lower Upper
 172 100
 171 38.2 29.6 44.4
 170 26.0 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

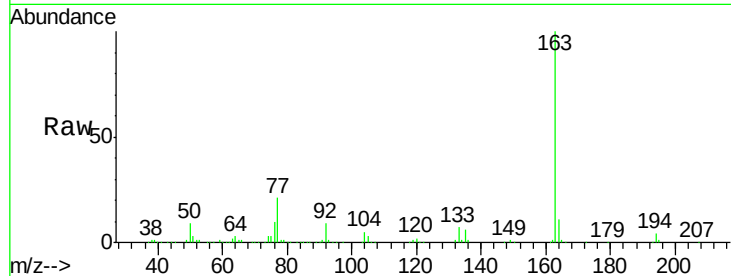




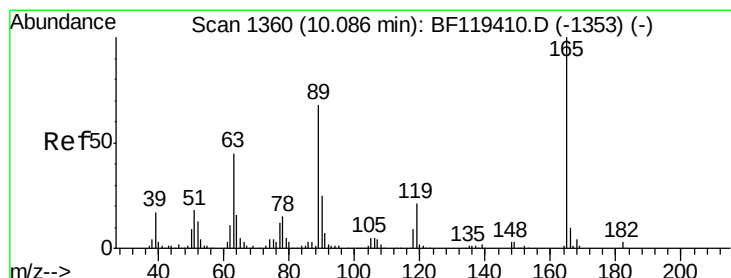
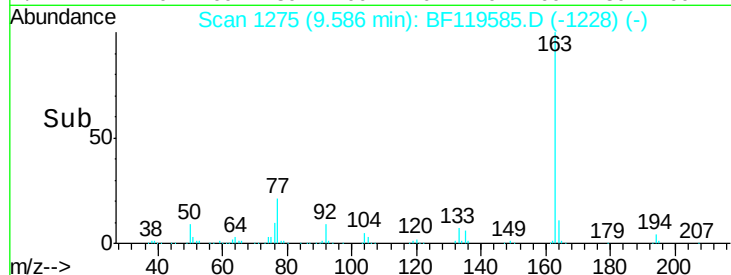
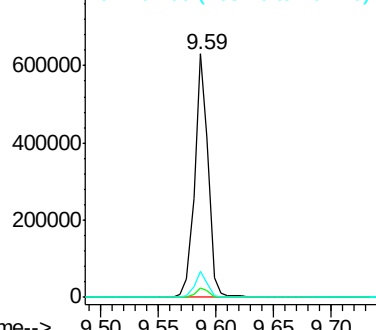
#50
Dimethylphthalate
Concen: 12.09 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BF119585.D
Acq: 27 Mar 2020 23:38

Instrument :
BNA_F
ClientSampleId :
GW-4

Tgt Ion:163 Resp: 508641
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.5 8.2 12.2

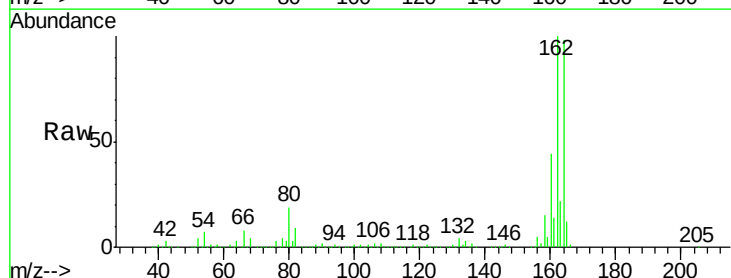


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

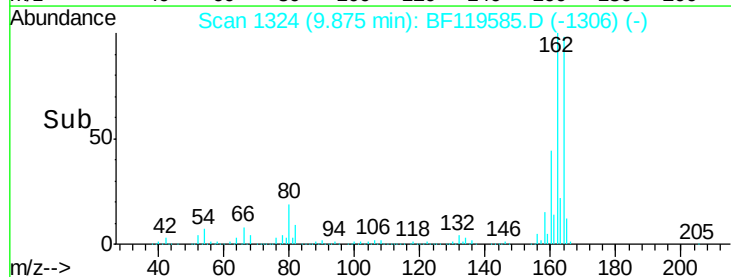
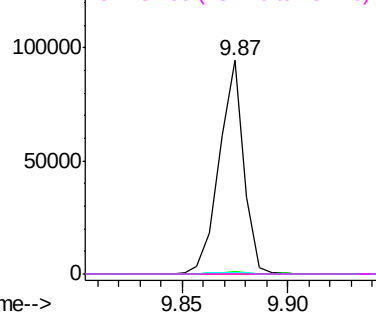


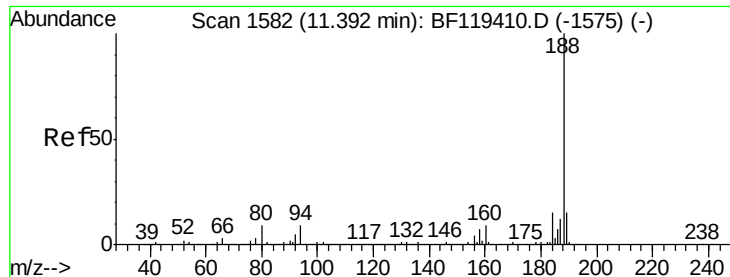
#57
2,4-Dinitrotoluene
Concen: 6.71 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.19 min
Lab File: BF119585.D
Acq: 27 Mar 2020 23:38

Tgt Ion:165 Resp: 76212
Ion Ratio Lower Upper
165 100
63 1.0 42.6 64.0#
89 0.8 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

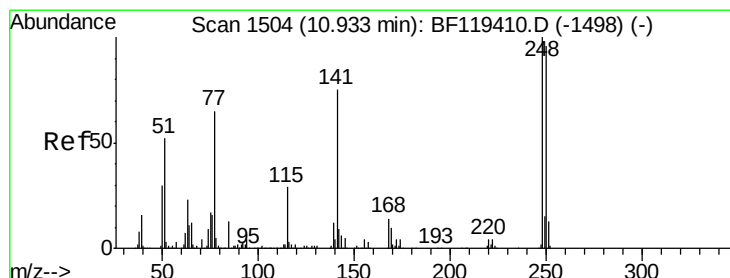
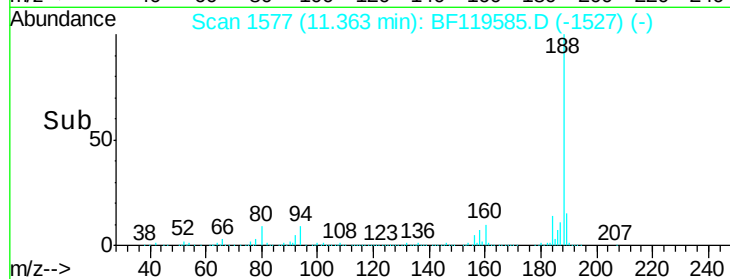
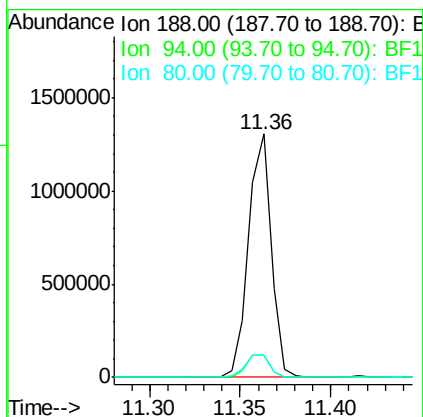
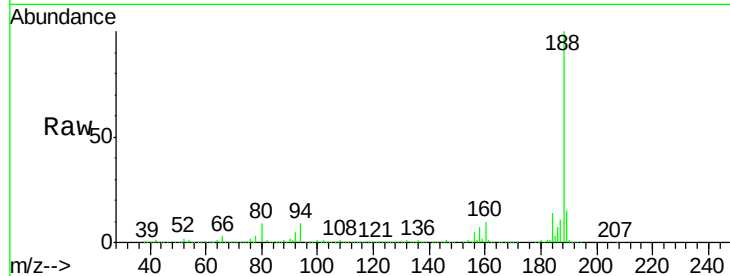




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF119585.D
Acq: 27 Mar 2020 23:38

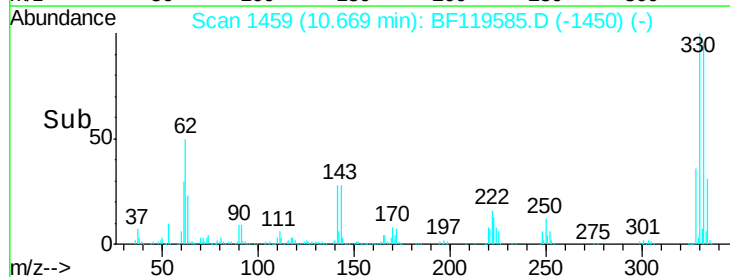
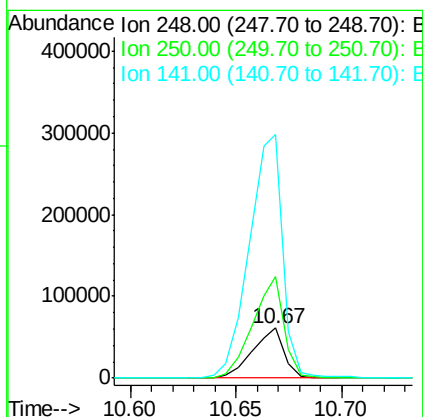
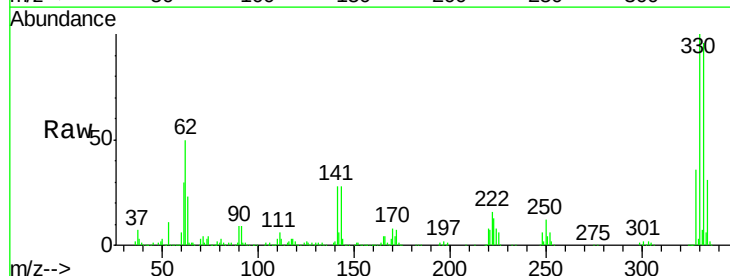
Instrument :
BNA_F
ClientSampleId :
GW-4

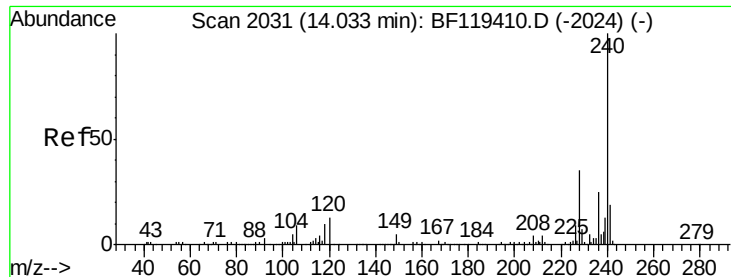
Tgt Ion:188 Resp: 1143646
Ion Ratio Lower Upper
188 100
94 9.1 7.5 11.3
80 9.4 9.0 13.4



#67
4-Bromophenyl-phenylether
Concen: 4.82 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.25 min
Lab File: BF119585.D
Acq: 27 Mar 2020 23:38

Tgt Ion:248 Resp: 62809
Ion Ratio Lower Upper
248 100
250 203.9 77.3 115.9#
141 486.7 58.6 87.8#





#76

Chrysene-d12

Concen: 20.00 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF119585.D

Acq: 27 Mar 2020 23:38

Instrument :

BNA_F

ClientSampleId :

GW-4

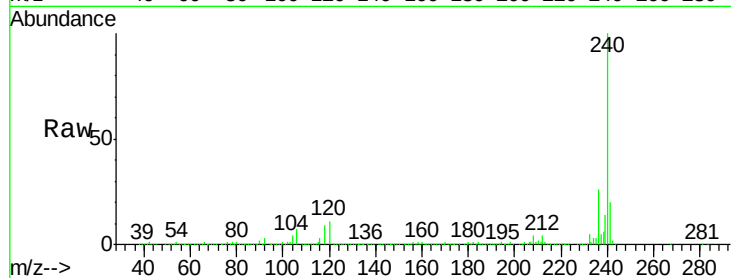
Tgt Ion:240 Resp: 846867

Ion Ratio Lower Upper

240 100

120 11.0 10.6 15.8

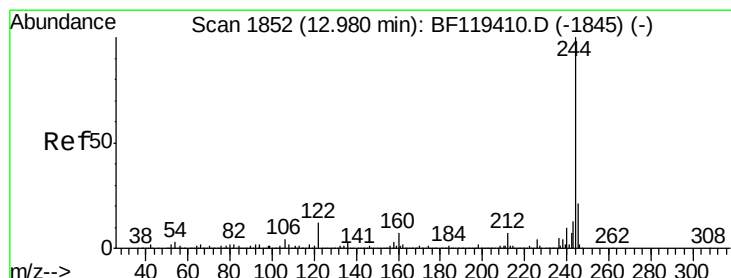
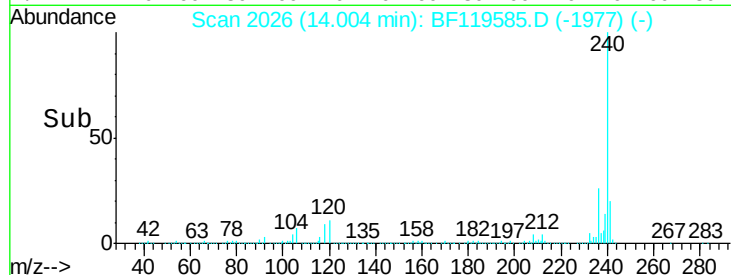
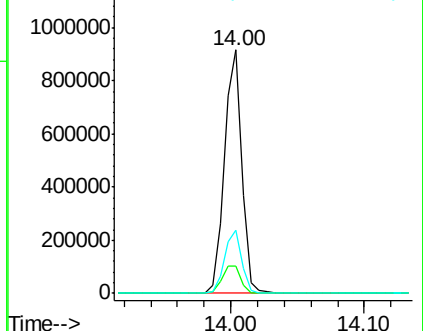
236 25.7 20.2 30.2



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: 98.23 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BF119585.D

Acq: 27 Mar 2020 23:38

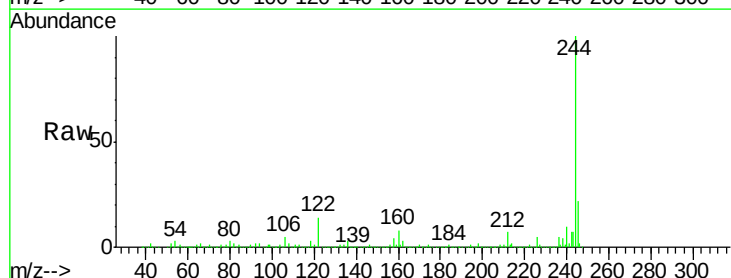
Tgt Ion:244 Resp: 4245987

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

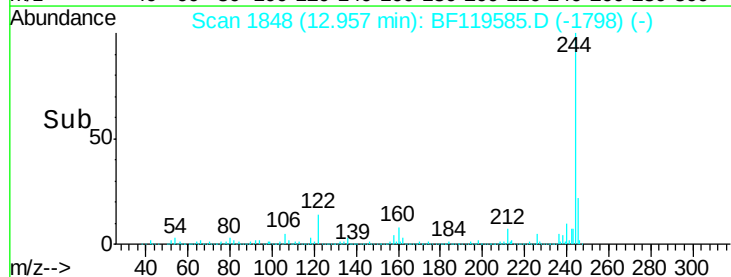
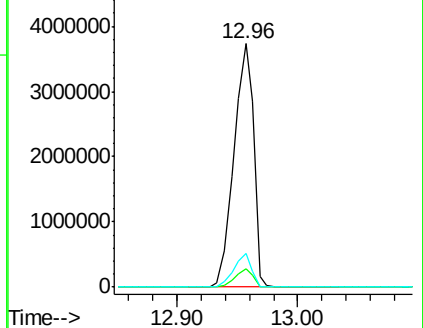
122 14.0 10.3 15.5

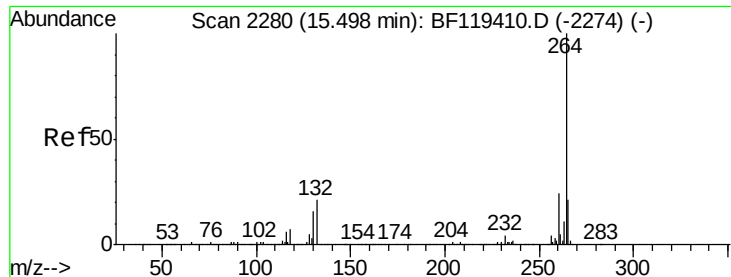


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

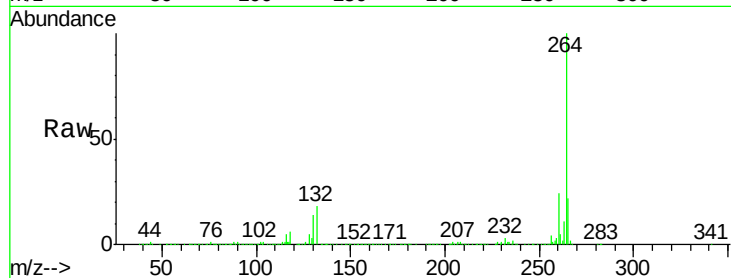




#87
Perylene-d12
Concen: 20.00 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.02 min
Lab File: BF119585.D
Acq: 27 Mar 2020 23:38

Instrument :
BNA_F
ClientSampleId :
GW-4

Tgt Ion: 264 Resp: 696686
Ion Ratio Lower Upper
264 100
260 23.9 18.7 28.1
265 21.7 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

