

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032720\
 Data File : BF119600.D
 Acq On : 28 Mar 2020 6:54
 Operator : CG/JU
 Sample : L2051-02
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-2

Quant Time: Mar 28 08:47:54 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

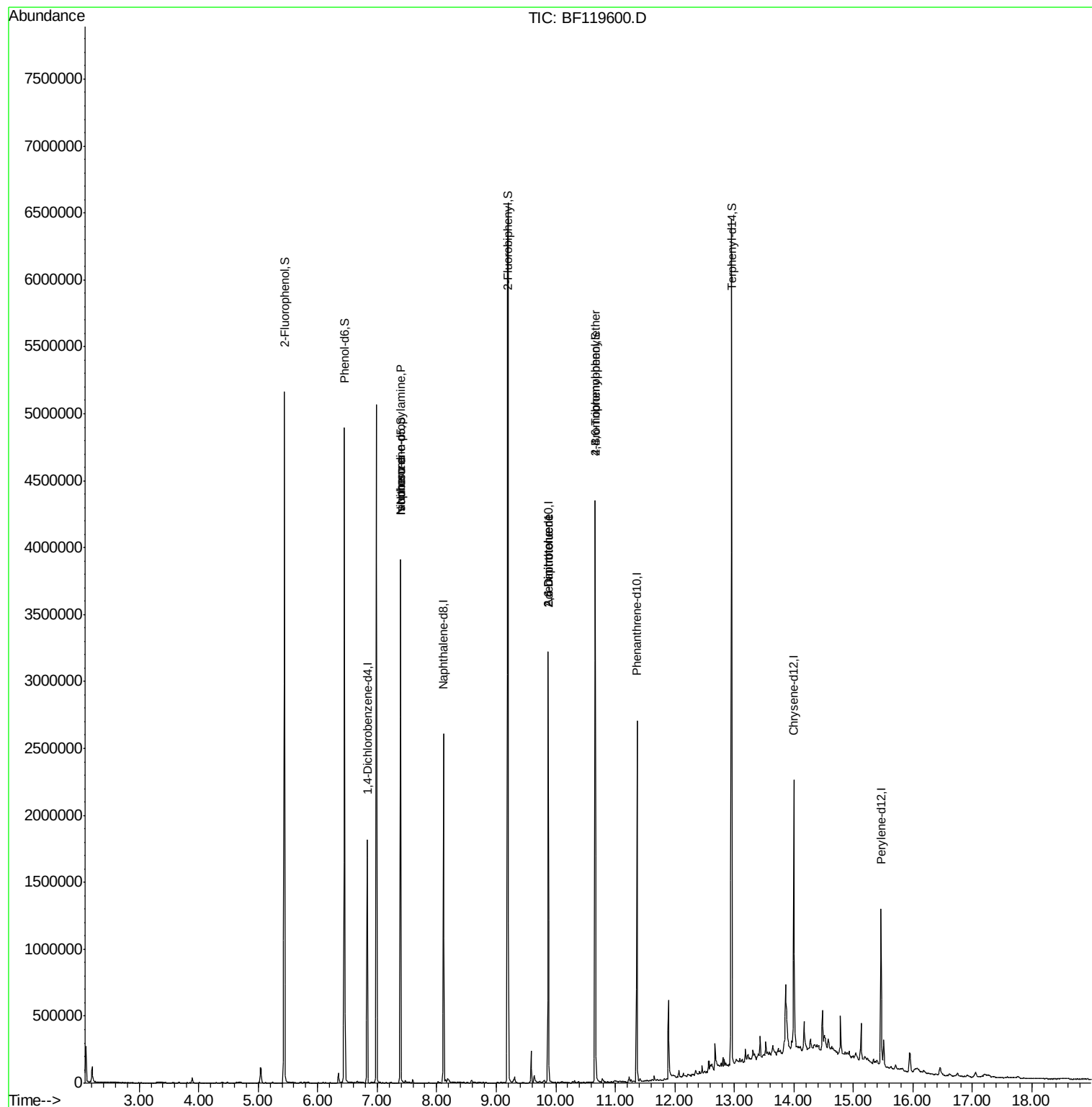
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	271768	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1064670	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	605056	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	991049	20.00	ng	0.00
76) Chrysene-d12	14.00	240	685842	20.00	ng	-0.01
87) Perylene-d12	15.46	264	561548	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1427866	83.64	ng	0.00
7) Phenol-d6	6.45	99	1842786	84.50	ng	-0.01
23) Nitrobenzene-d5	7.39	82	1136391	58.01	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	500740	80.22	ng	-0.01
45) 2-Fluorobiphenyl	9.20	172	2233278	54.68	ng	0.00
79) Terphenyl-d14	12.95	244	2338658	66.81	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	148855	11.32	ng	# 76
25) Isophorone	7.39	82	1126489	28.35	ng	# 65
51) 2,6-Dinitrotoluene	9.87	165	78504	8.52	ng	# 26
57) 2,4-Dinitrotoluene	9.87	165	78504	6.76	ng	# 20
67) 4-Bromophenyl-phenylether	10.66	248	31421	2.78	ng	# 1

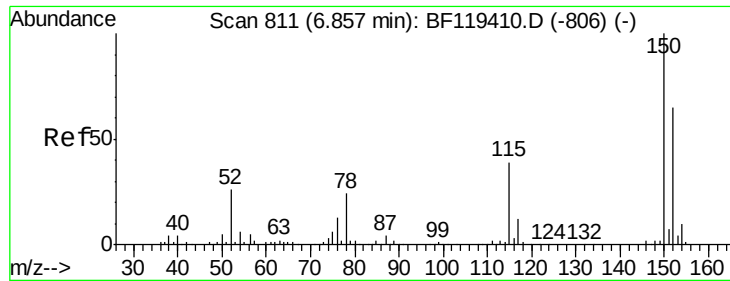
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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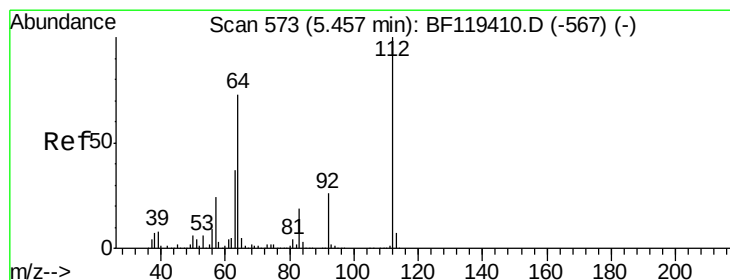
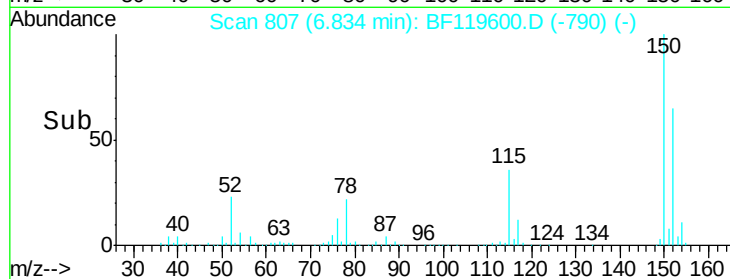
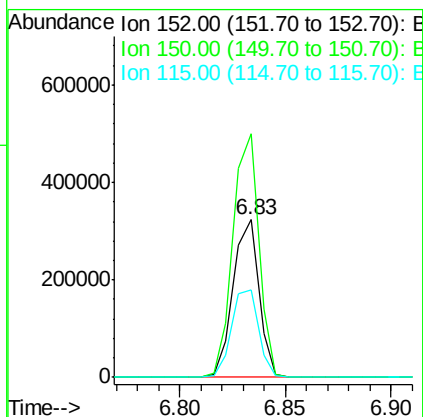
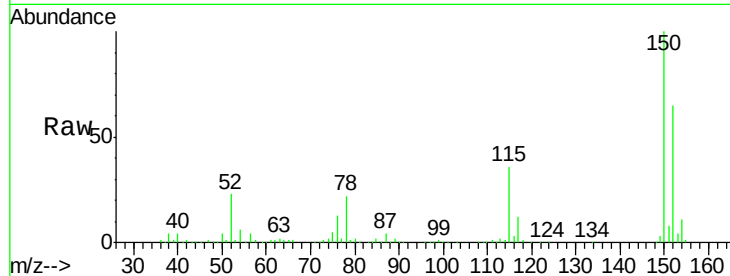




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: BF119600.D
 Acq: 28 Mar 2020 6:54

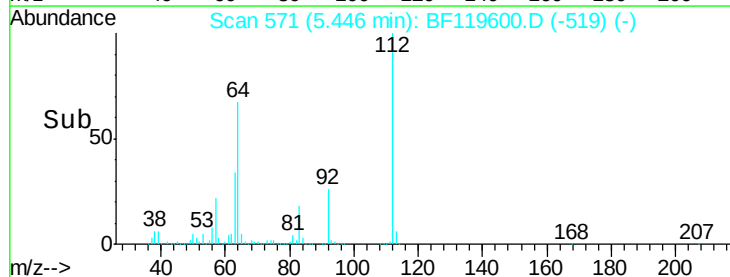
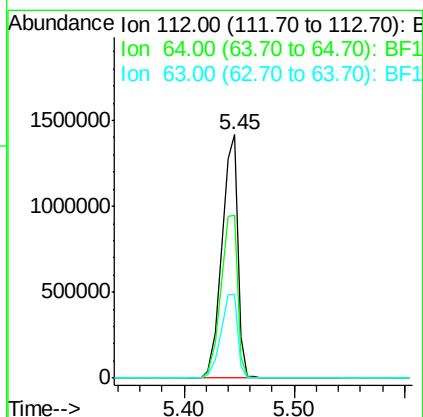
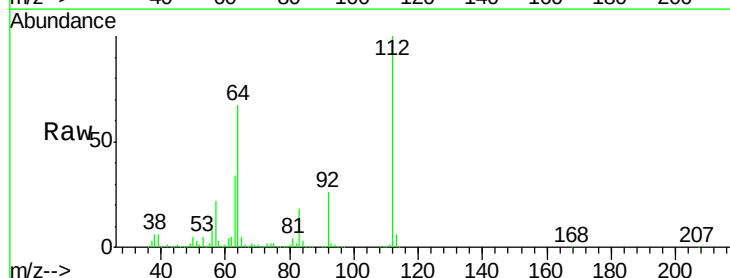
Instrument :
 BNA_F
 ClientSampleId :
 SB-2

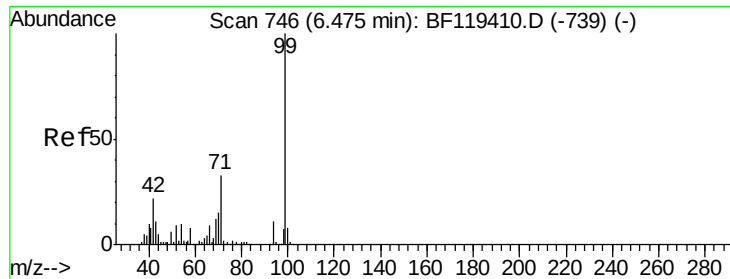
Tgt Ion:152 Resp: 271768
 Ion Ratio Lower Upper
 152 100
 150 154.7 124.5 186.7
 115 55.7 49.6 74.4



#5
 2-Fluorophenol
 Concen: 83.64 ng
 RT: 5.45 min Scan# 571
 Delta R.T. 0.01 min
 Lab File: BF119600.D
 Acq: 28 Mar 2020 6:54

Tgt Ion:112 Resp: 1427866
 Ion Ratio Lower Upper
 112 100
 64 66.8 56.7 85.1
 63 34.3 29.5 44.3





#7

Phenol-d6

Concen: 84.50 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF119600.D

Acq: 28 Mar 2020 6:54

Instrument :

BNA_F

ClientSampleId :

SB-2

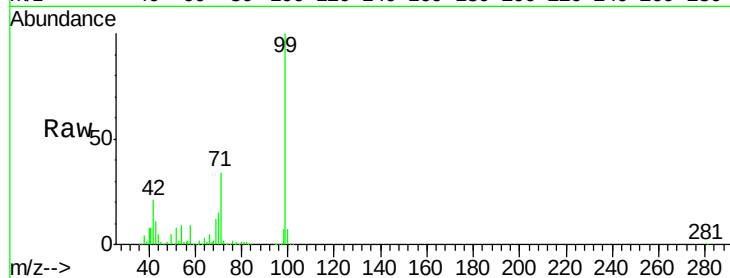
Tgt Ion: 99 Resp: 1842786

Ion Ratio Lower Upper

99 100

42 21.5 16.6 24.8

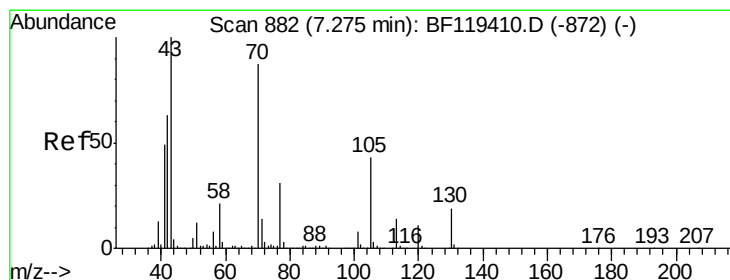
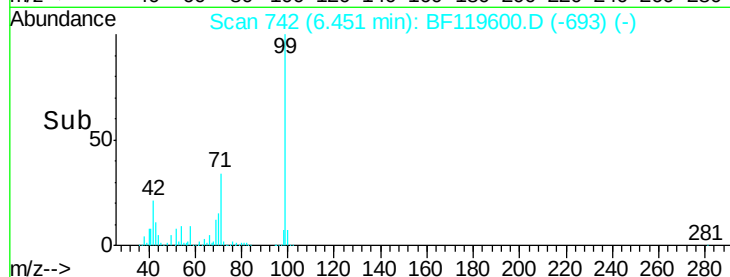
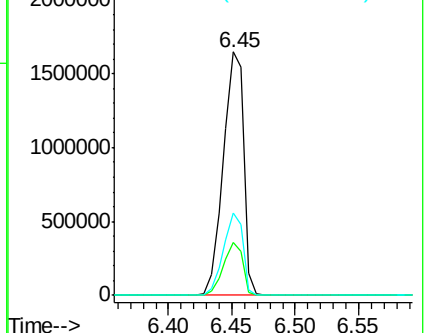
71 33.8 26.4 39.6



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: 11.32 ng

RT: 7.39 min Scan# 902

Delta R.T. 0.14 min

Lab File: BF119600.D

Acq: 28 Mar 2020 6:54

Tgt Ion: 70 Resp: 148855

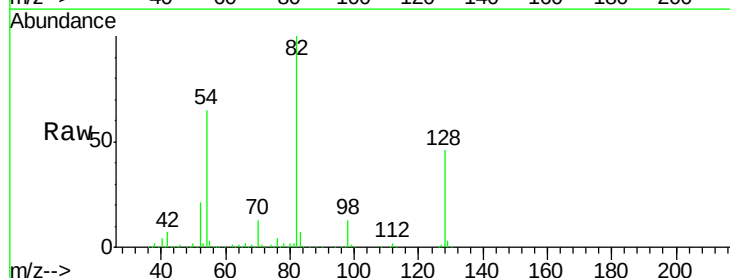
Ion Ratio Lower Upper

70 100

42 54.1 54.5 81.7#

101 0.0 7.6 11.4#

130 2.1 17.6 26.4#

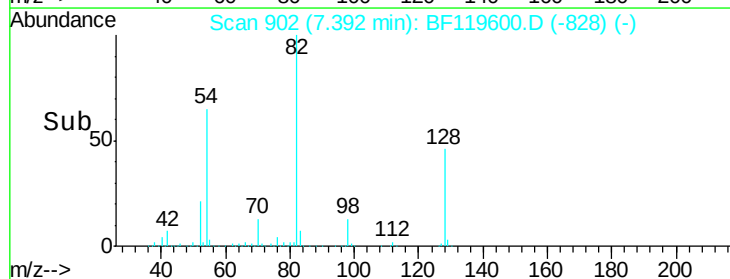
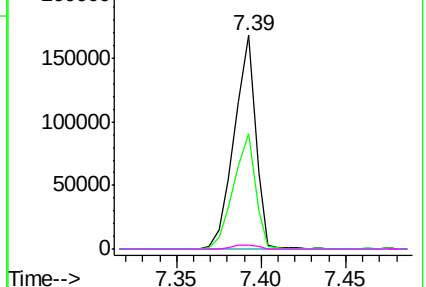


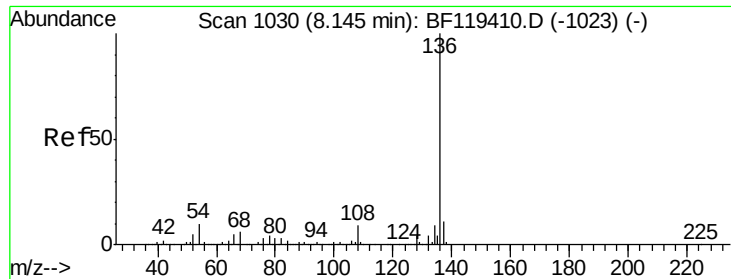
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

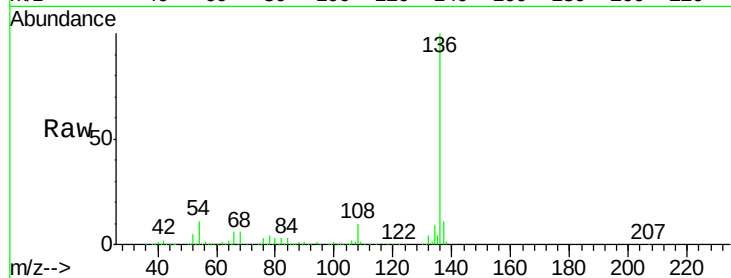




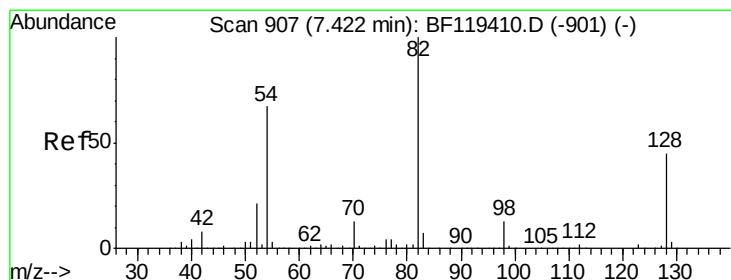
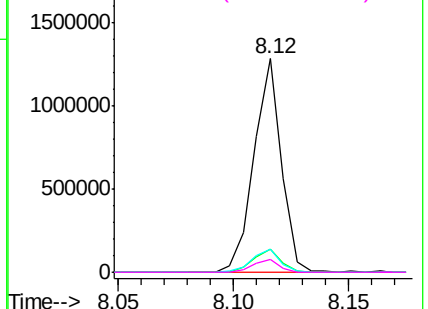
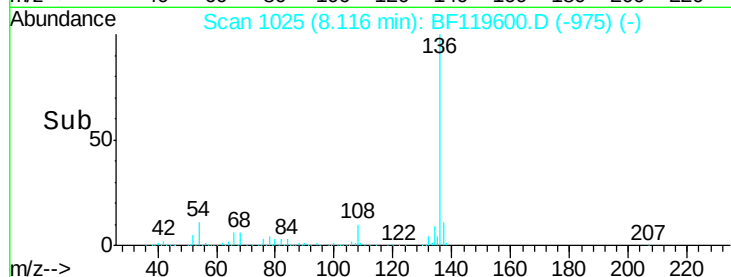
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF119600.D
Acq: 28 Mar 2020 6:54

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:136 Resp: 1064670
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 10.7 9.1 13.7
68 5.8 4.6 6.8

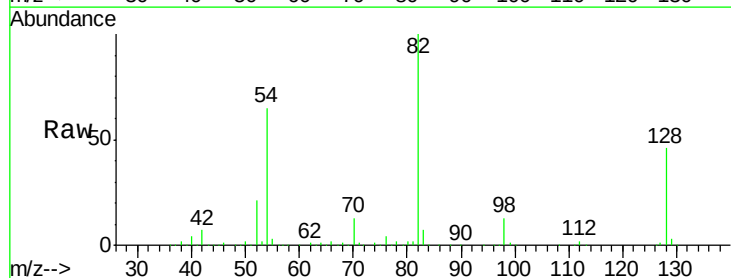


Abundance Ion 136.00 (135.70 to 136.70): E
2000000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

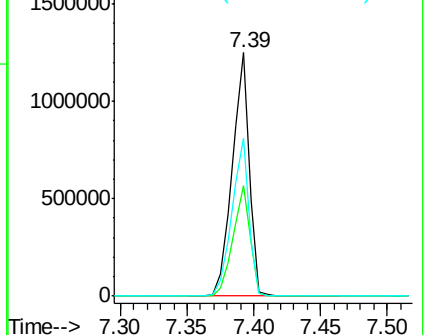
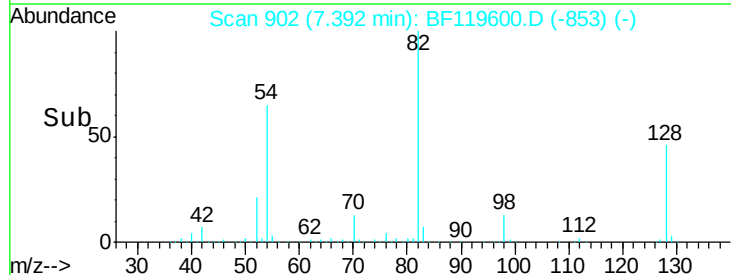


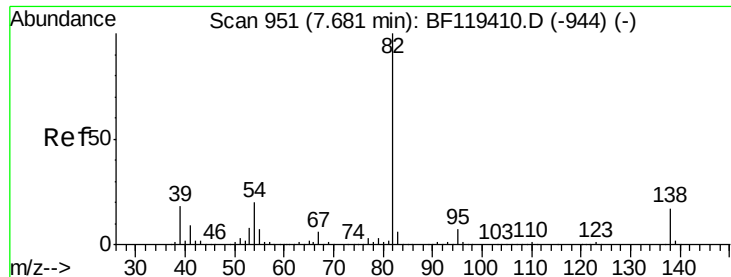
#23
Nitrobenzene-d5
Concen: 58.01 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF119600.D
Acq: 28 Mar 2020 6:54

Tgt Ion: 82 Resp: 1136391
Ion Ratio Lower Upper
82 100
128 45.5 36.3 54.5
54 65.1 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: 28.35 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.27 min

Lab File: BF119600.D

Acq: 28 Mar 2020 6:54

Instrument :

BNA_F

ClientSampleId :

SB-2

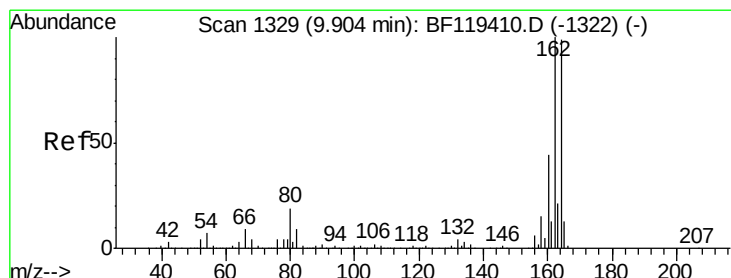
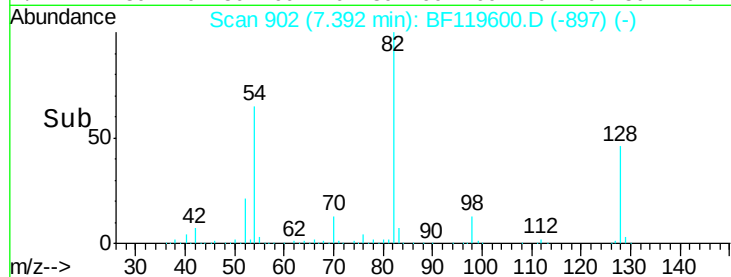
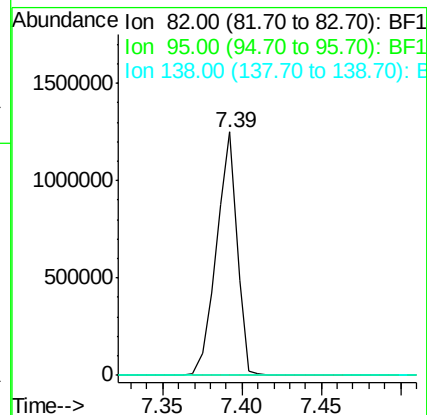
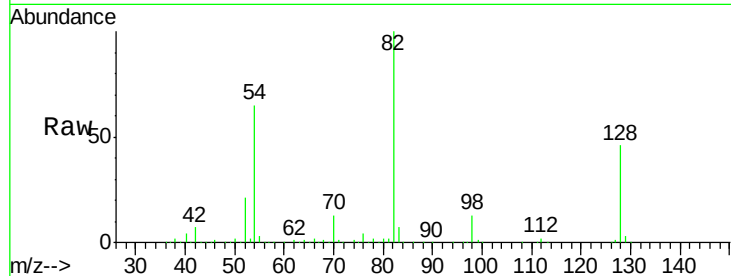
Tgt Ion: 82 Resp: 1126489

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

138 0.0 14.6 21.8#



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF119600.D

Acq: 28 Mar 2020 6:54

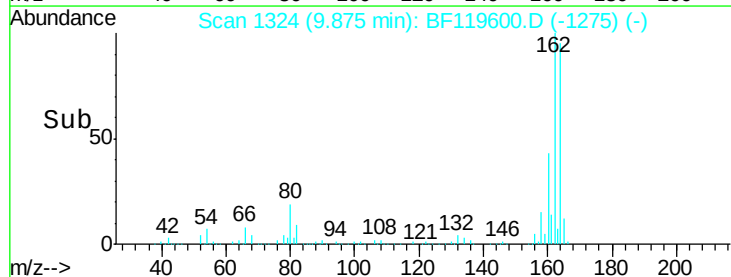
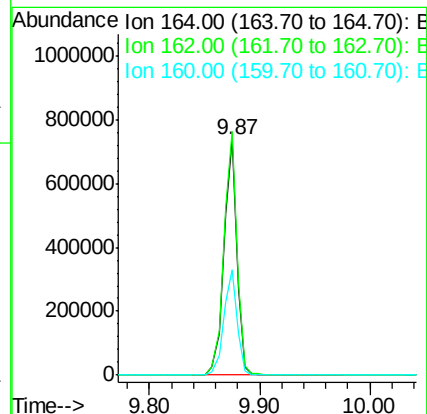
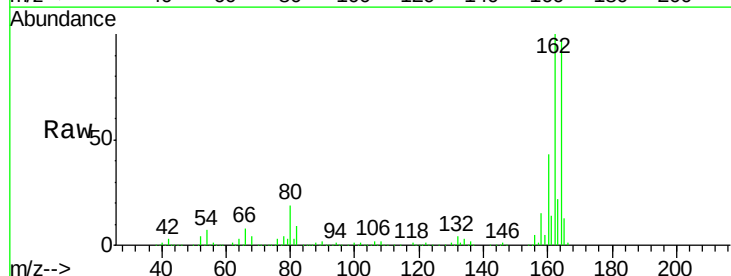
Tgt Ion: 164 Resp: 605056

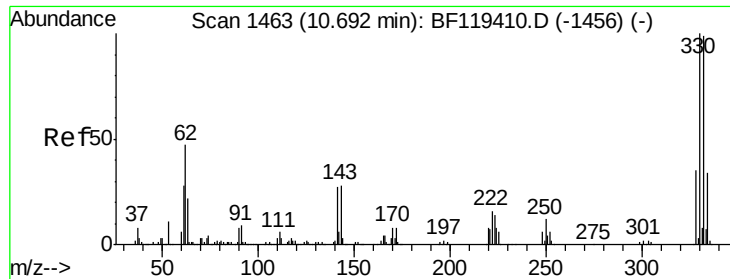
Ion Ratio Lower Upper

164 100

162 103.3 80.6 121.0

160 44.7 35.7 53.5

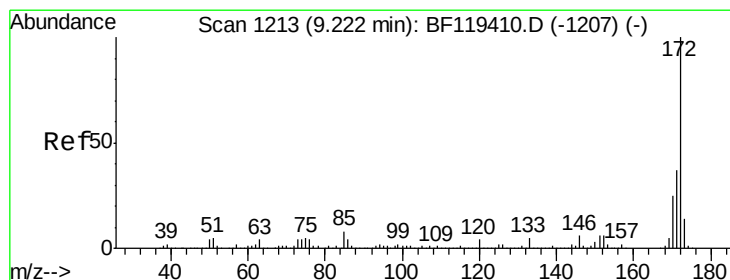
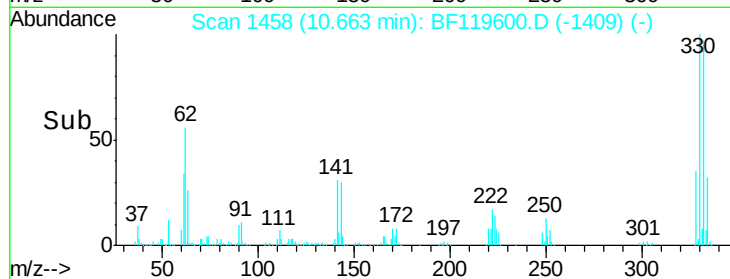
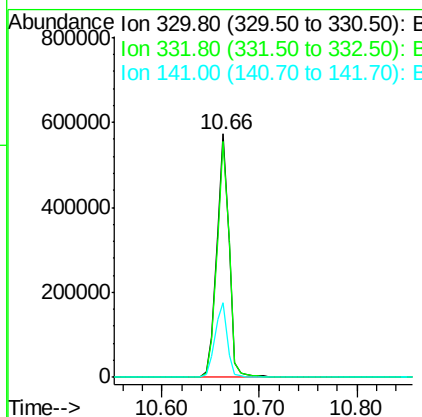
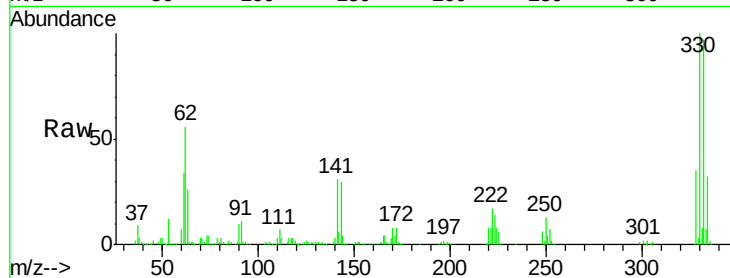




#42
 2,4,6-Tribromophenol
 Concen: 80.22 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BF119600.D
 Acq: 28 Mar 2020 6:54

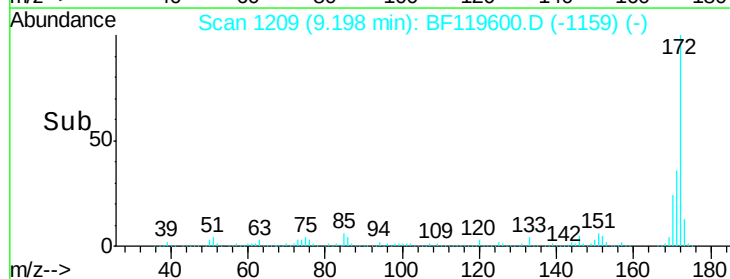
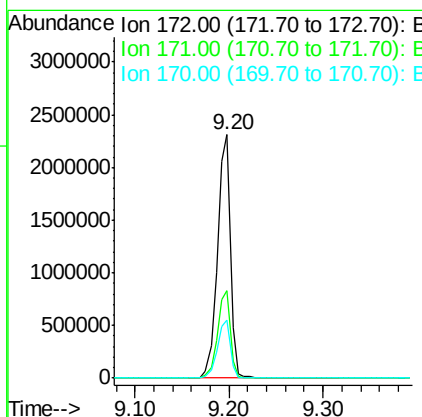
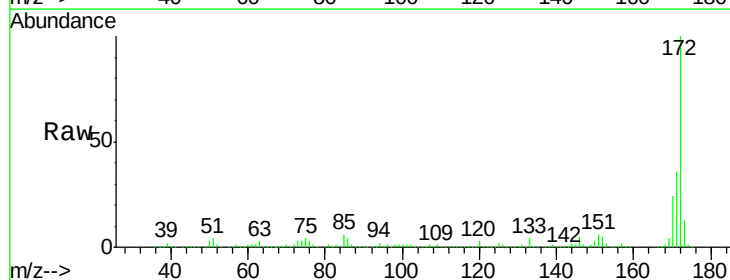
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 ClientSampleId :
 SB-2

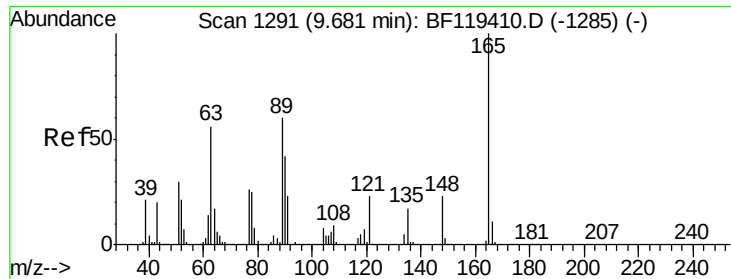
Tgt Ion:330 Resp: 500740
 Ion Ratio Lower Upper
 330 100
 332 96.8 75.7 113.5
 141 31.0 25.4 38.0



#45
 2-Fluorobiphenyl
 Concen: 54.68 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF119600.D
 Acq: 28 Mar 2020 6:54

Tgt Ion:172 Resp: 2233278
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.6 44.4
 170 24.1 20.2 30.2

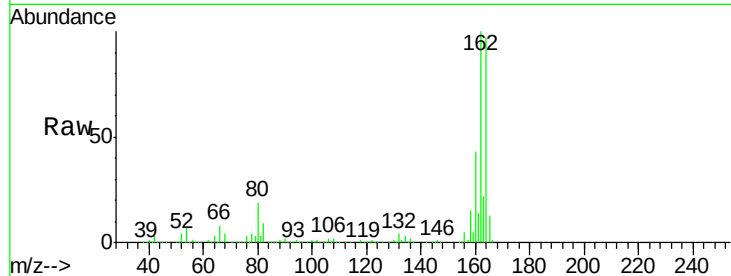




#51
 2,6-Dinitrotoluene
 Concen: 8.52 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. 0.21 min
 Lab File: BF119600.D
 Acq: 28 Mar 2020 6:54

Instrument :
 BNA_F
 ClientSampleId :
 SB-2

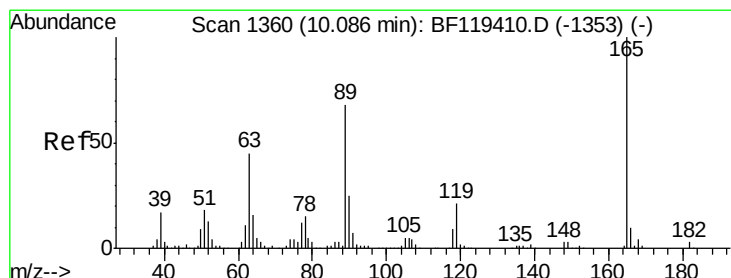
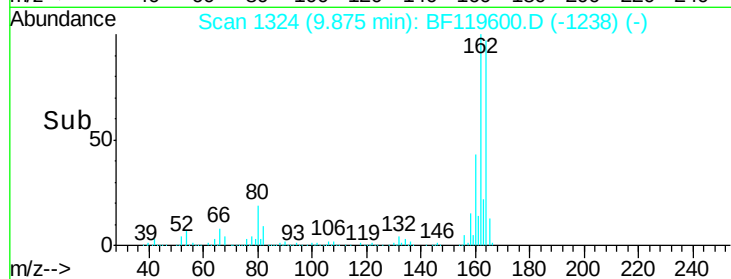
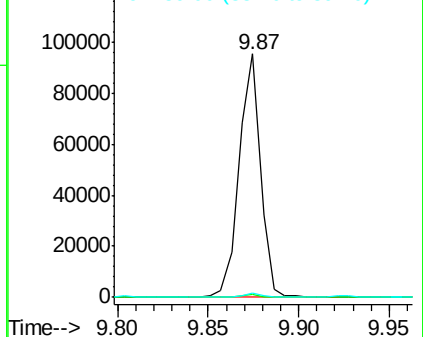
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	45.0	67.4#
89	1.5	41.5	62.3#



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: 6.76 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.19 min
 Lab File: BF119600.D
 Acq: 28 Mar 2020 6:54

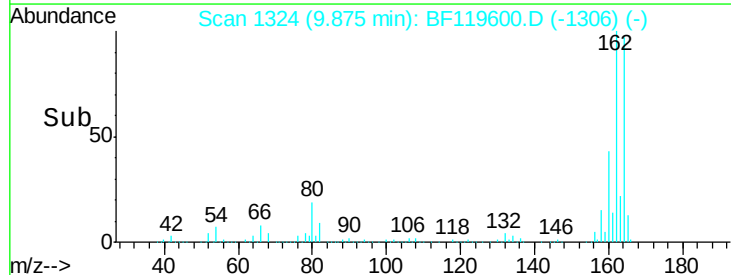
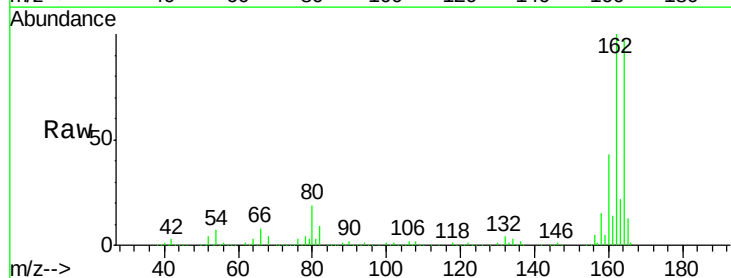
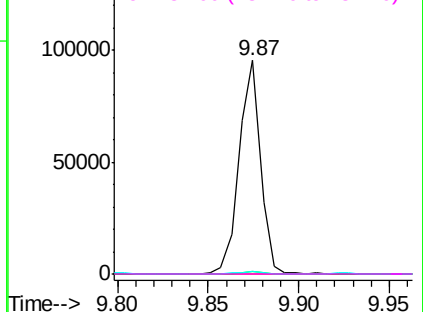
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	42.6	64.0#
89	1.5	61.0	91.4#
182	0.0	2.2	3.2#

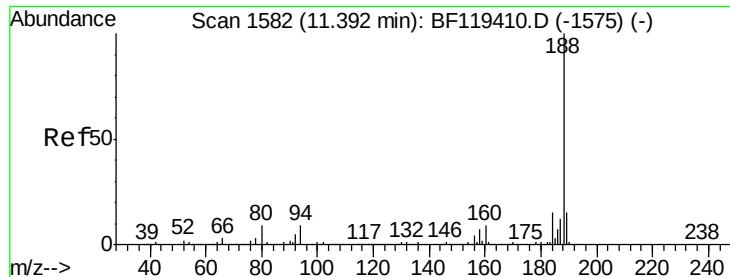
Abundance Ion 165.00 (164.70 to 165.70): E

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

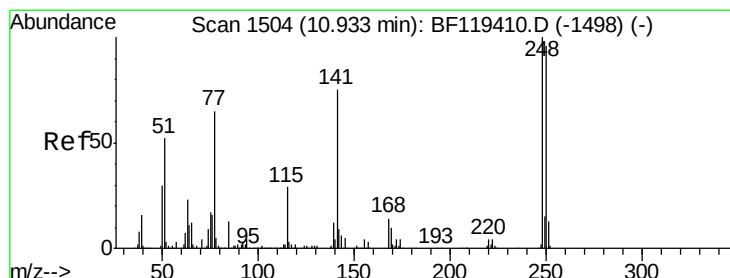
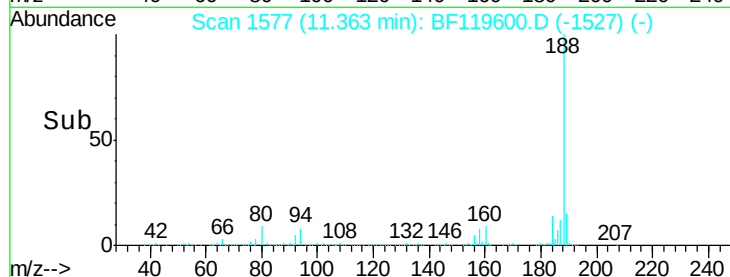
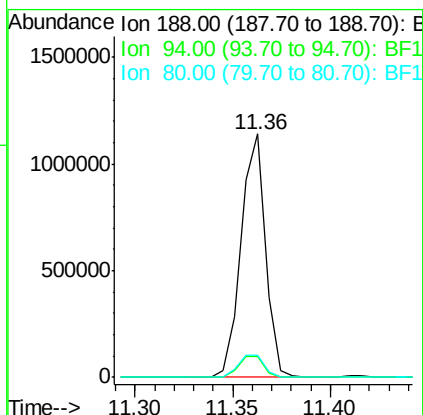
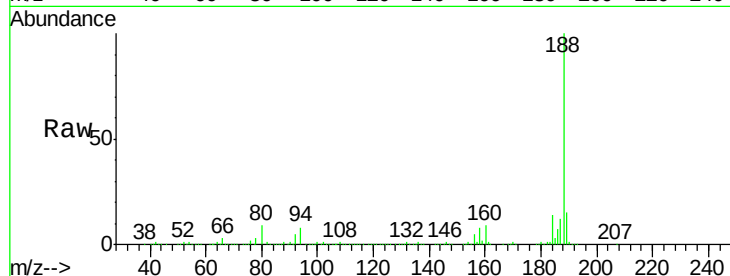




#64
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. -0.01 min
 Lab File: BF119600.D
 Acq: 28 Mar 2020 6:54

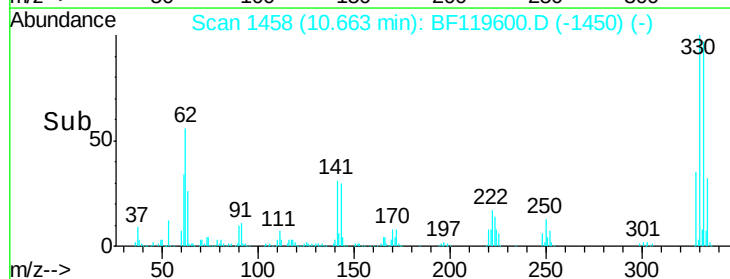
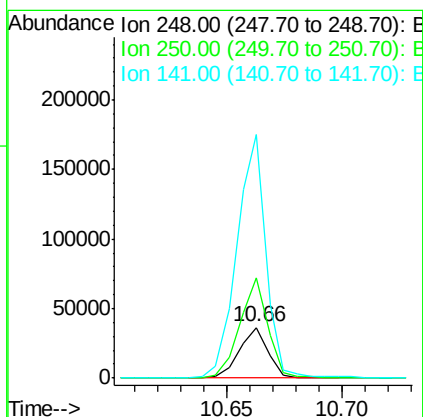
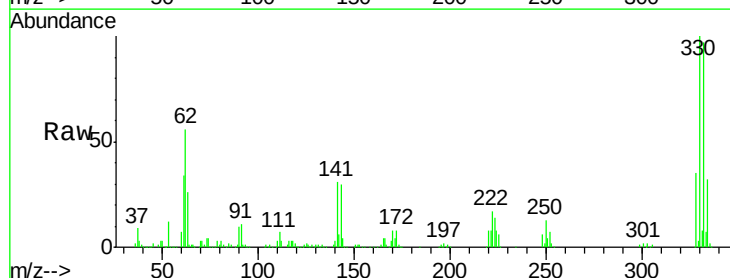
Instrument :
 BNA_F
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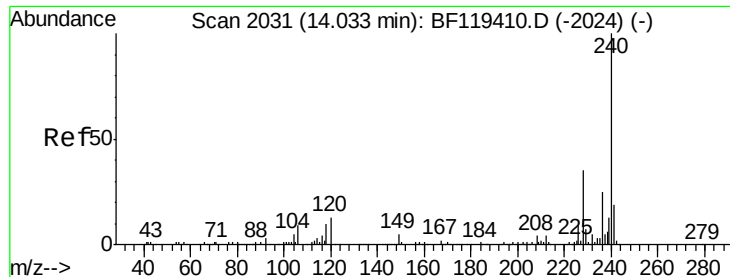
Tgt Ion:188 Resp: 991049
 Ion Ratio Lower Upper
 188 100
 94 8.4 7.5 11.3
 80 8.9 9.0 13.4#



#67
 4-Bromophenyl-phenylether
 Concen: 2.78 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.25 min
 Lab File: BF119600.D
 Acq: 28 Mar 2020 6:54

Tgt Ion:248 Resp: 31421
 Ion Ratio Lower Upper
 248 100
 250 199.0 77.3 115.9#
 141 483.3 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: BF119600.D

Acq: 28 Mar 2020 6:54

Instrument :

BNA_F

ClientSampled :

SB-2

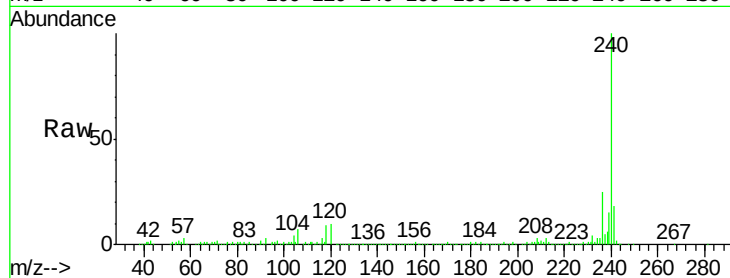
Tgt Ion:240 Resp: 685842

Ion Ratio Lower Upper

240 100

120 10.2 10.6 15.8#

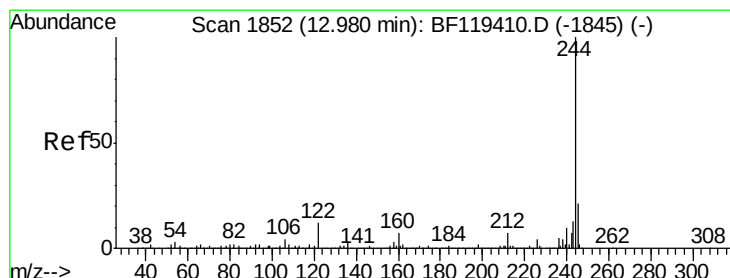
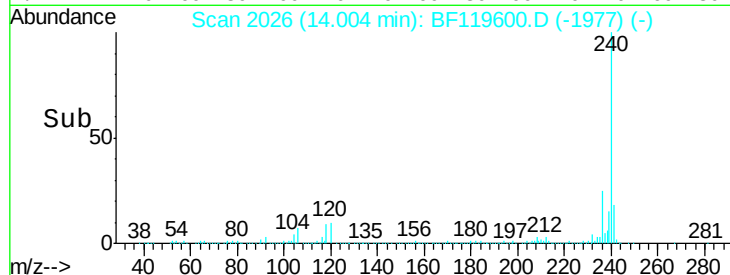
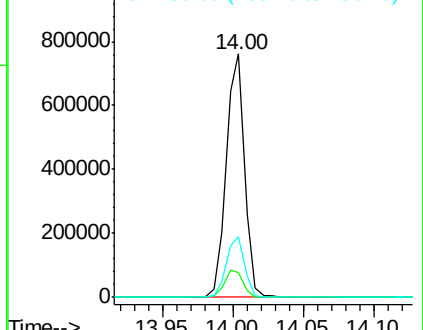
236 25.0 20.2 30.2



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: 66.81 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BF119600.D

Acq: 28 Mar 2020 6:54

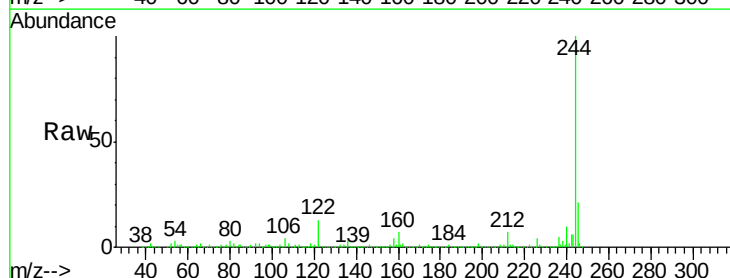
Tgt Ion:244 Resp: 2338658

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.8

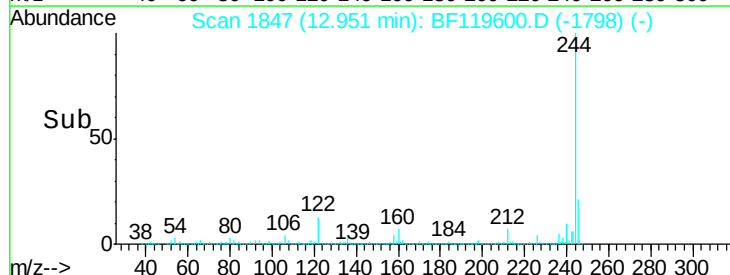
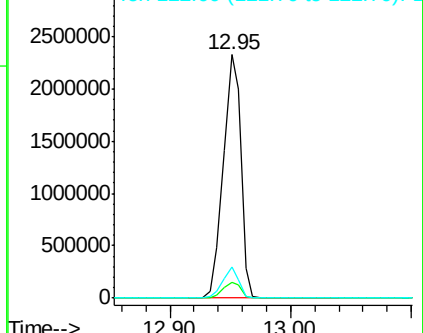
122 12.8 10.3 15.5

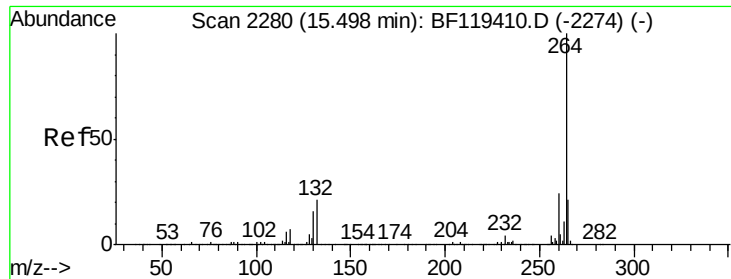


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Perylene-d12
Concen: 20.00 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.02 min
Lab File: BF119600.D
Acq: 28 Mar 2020 6:54

Instrument :
BNA_F
ClientSampleId :
SB-2

Tgt Ion:	264	Resp:	561548
Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.7	28.1
265	21.0	17.7	26.5

