

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040320\
 Data File : BF119720.D
 Acq On : 3 Apr 2020 15:41
 Operator : MA/SJ
 Sample : L2107-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S32-MULTI-IDW01

Quant Time: Apr 03 16:12:59 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 01 11:59:45 2020
 Response via : Initial Calibration

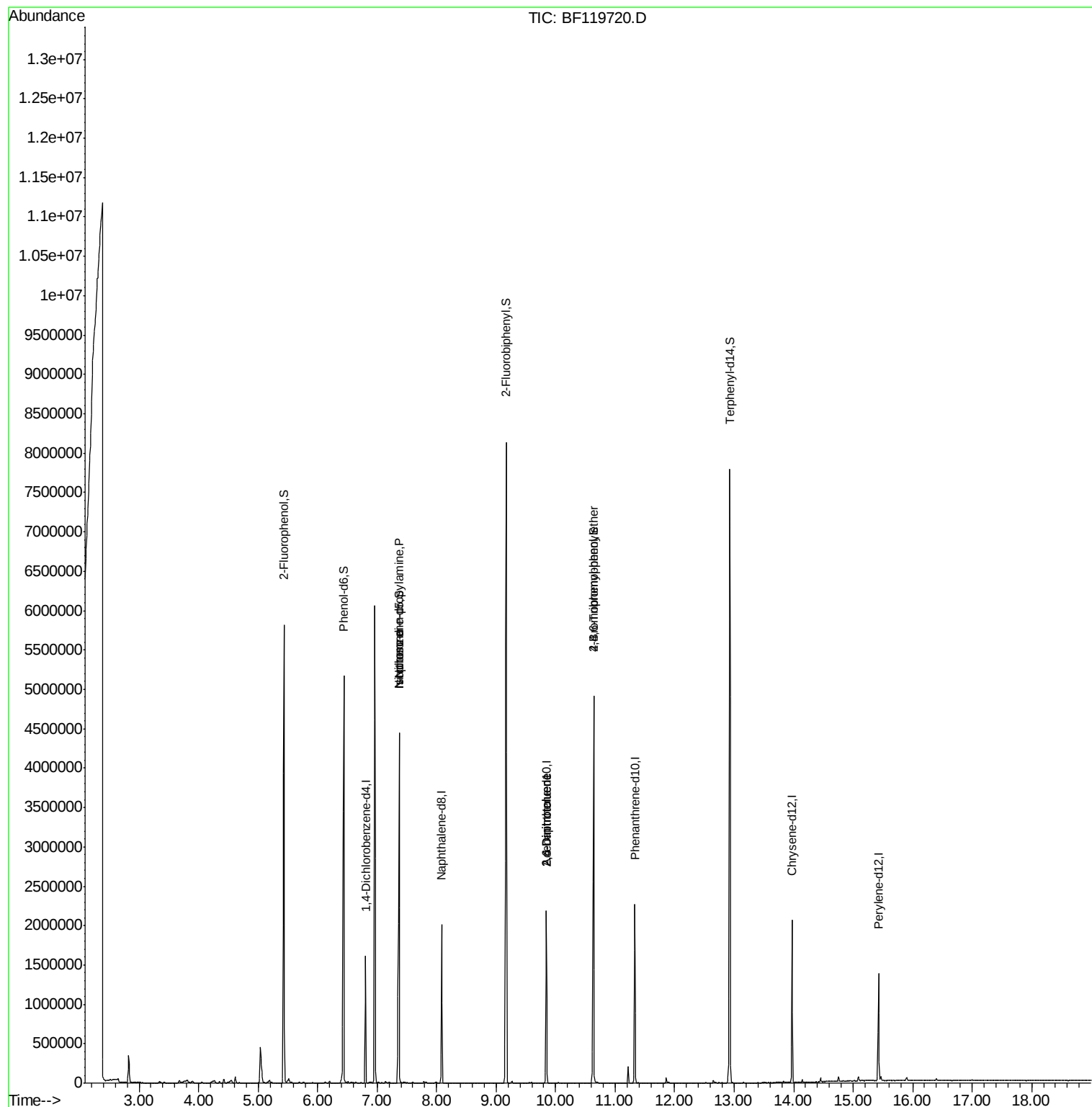
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	222172	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	840029	20.00	ng	-0.02
39) Acenaphthene-d10	9.85	164	426117	20.00	ng	-0.02
64) Phenanthrene-d10	11.33	188	832523	20.00	ng	-0.02
76) Chrysene-d12	13.97	240	660030	20.00	ng	-0.02
87) Perylene-d12	15.43	264	610532	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1814362	130.00	ng	0.02
7) Phenol-d6	6.44	99	2105547	118.10	ng	0.00
23) Nitrobenzene-d5	7.37	82	1547038	100.09	ng	-0.01
42) 2,4,6-Tribromophenol	10.64	330	707688	160.98	ng	-0.01
45) 2-Fluorobiphenyl	9.17	172	2760911	95.99	ng	-0.01
79) Terphenyl-d14	12.93	244	3162262	93.87	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	203643	18.951	ng	# 73
25) Isophorone	7.37	82	1544597	49.263	ng	# 65
51) 2,6-Dinitrotoluene	9.85	165	54825	8.451	ng	# 26
57) 2,4-Dinitrotoluene	9.85	165	54825	6.708	ng	# 20
67) 4-Bromophenyl-phenylether	10.64	248	42839	4.518	ng	# 1

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

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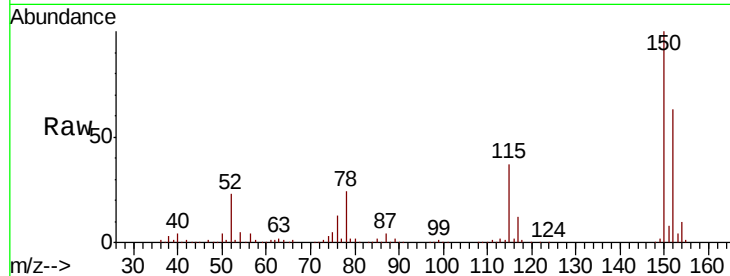


#1

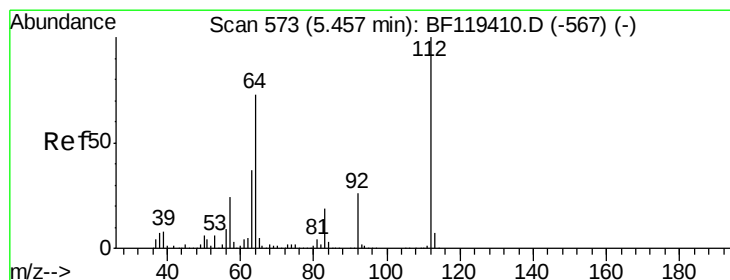
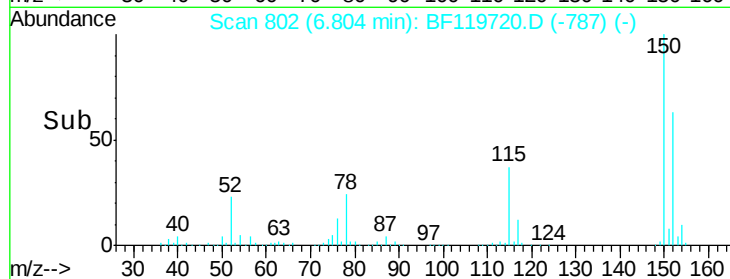
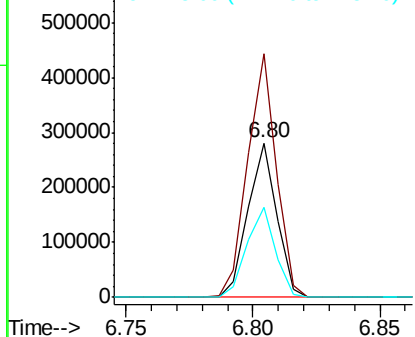
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF119720.D
Acq: 3 Apr 2020 15:41

Instrument :
BNA_F
ClientSampleId :
S32-MULTI-IDW01

Tot Ion:152 Resp: 222172
Ion Ratio Lower Upper
152 100
150 157.6 124.5 186.7
115 58.6 49.6 74.4



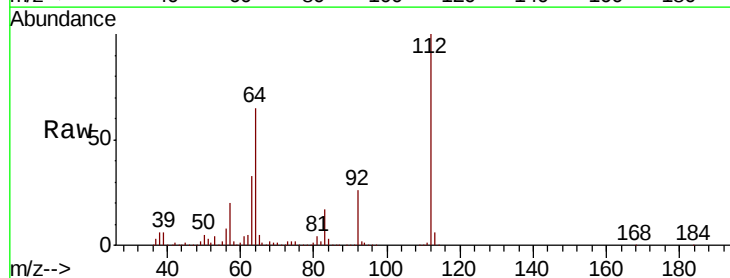
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



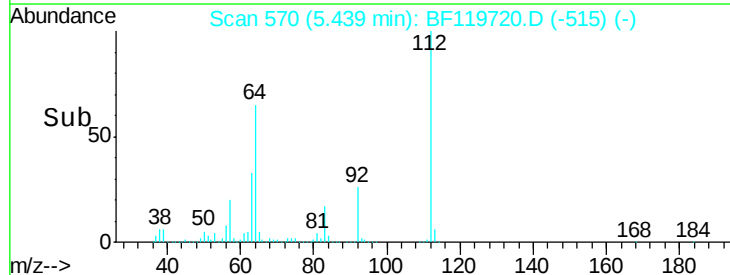
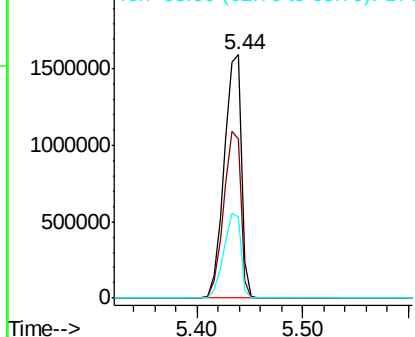
#5

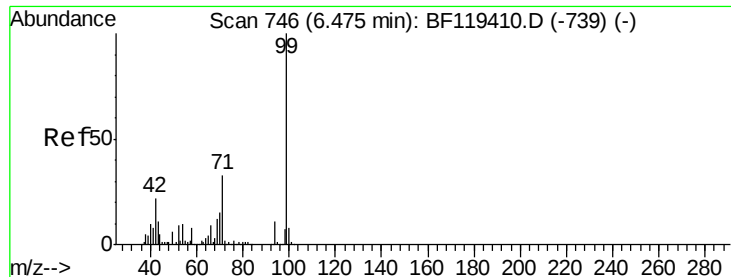
2-Fluorophenol
Concen: 130.003 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.02 min
Lab File: BF119720.D
Acq: 3 Apr 2020 15:41

Tgt Ion:112 Resp: 1814362
Ion Ratio Lower Upper
112 100
64 65.3 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: 118.102 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF119720.D

Acq: 3 Apr 2020 15:41

Instrument :

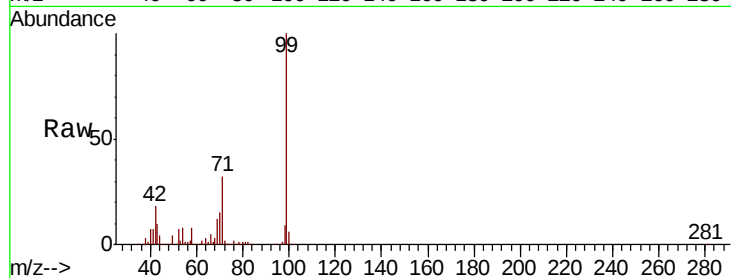
BNA_F

ClientSampleId :

S32-MULTI-IDW01

Tot Ion: 99 Resp: 2105547

Ion	Ratio	Lower	Upper
99	100		
42	17.9	16.6	24.8
71	31.5	26.4	39.6

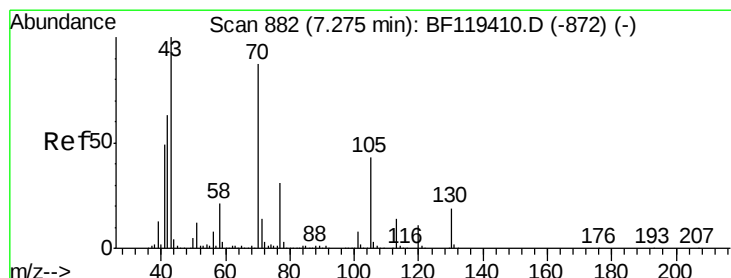
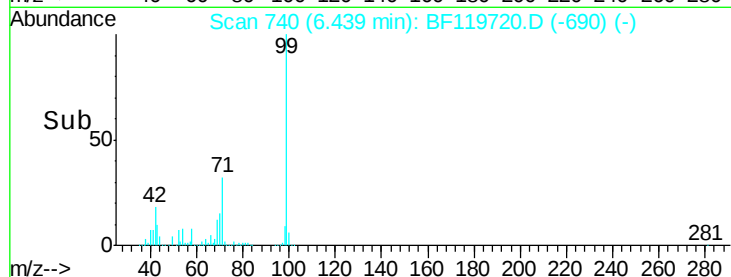
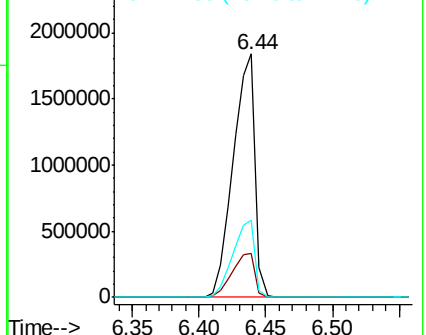


Abundance

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: 18.951 ng

RT: 7.37 min Scan# 898

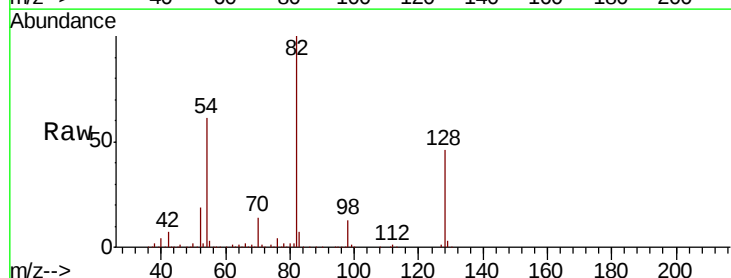
Delta R.T. 0.14 min

Lab File: BF119720.D

Acq: 3 Apr 2020 15:41

Tgt Ion: 70 Resp: 203643

Ion	Ratio	Lower	Upper
70	100		
42	49.4	54.5	81.7#
101	0.0	7.6	11.4#
130	2.3	17.6	26.4#



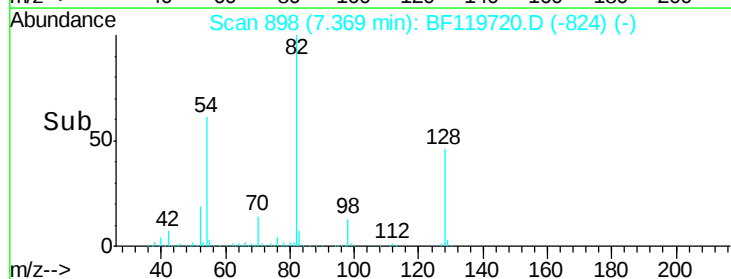
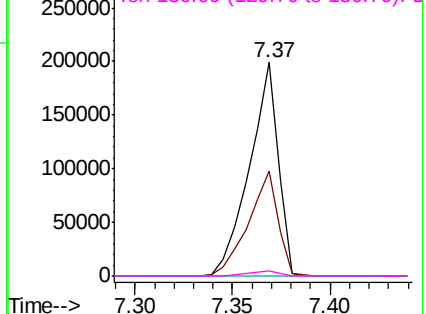
Abundance

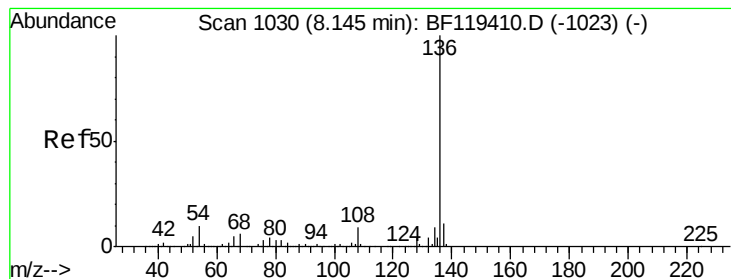
Ion 70.00 (69.70 to 70.70): BF1

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: 8.09 min Scan# 1020

Delta R.T. -0.02 min

Lab File: BF119720.D

Acq: 3 Apr 2020 15:41

Instrument :

BNA_F

ClientSampleId :

S32-MULTI-IDW01

Tot Ion:136 Resp: 840029

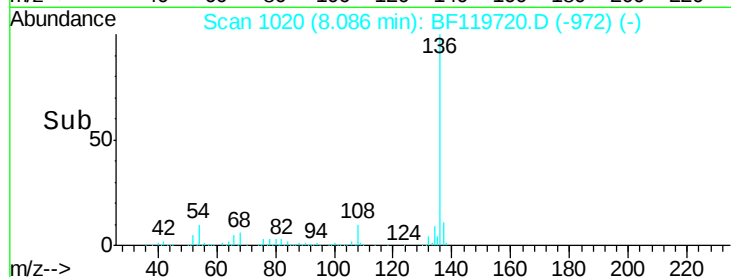
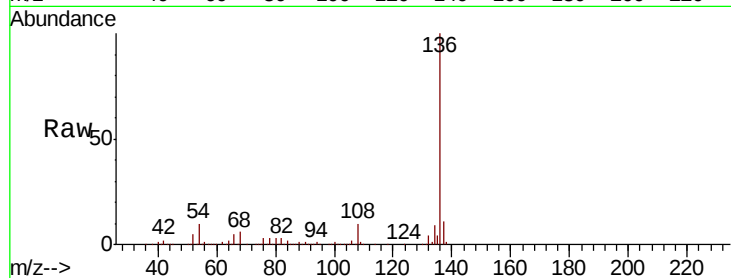
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 10.3 9.1 13.7

68 5.8 4.6 6.8

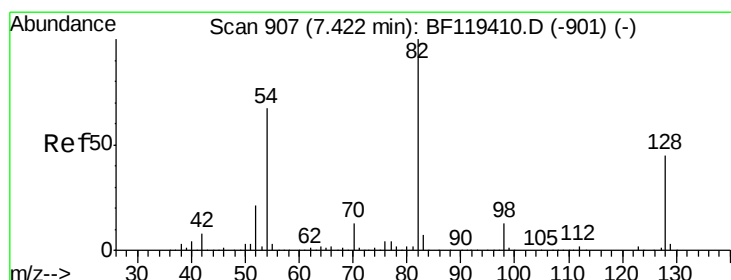
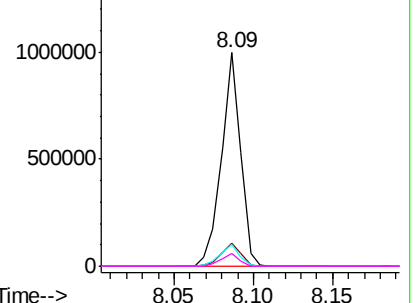


Abundance Ion 136.00 (135.70 to 136.70): E

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: 100.090 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.01 min

Lab File: BF119720.D

Acq: 3 Apr 2020 15:41

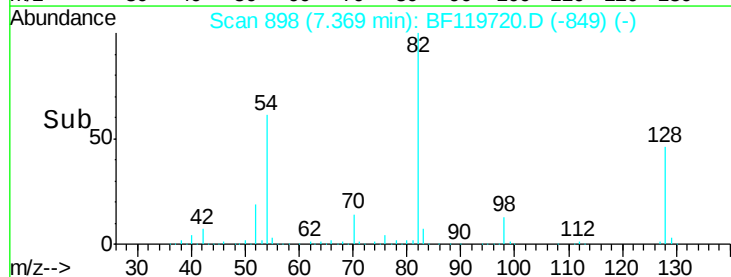
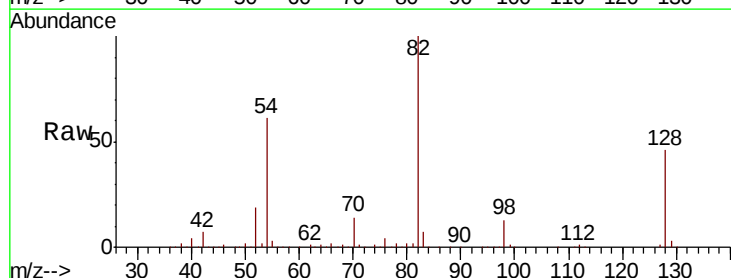
Tgt Ion: 82 Resp: 1547038

Ion Ratio Lower Upper

82 100

128 46.0 36.3 54.5

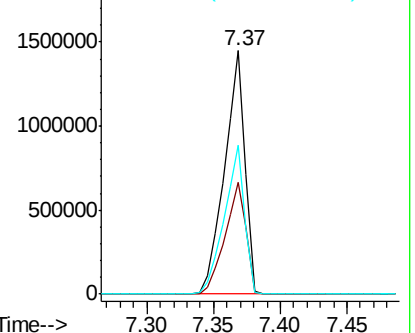
54 61.0 50.6 75.8



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: 49.263 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.27 min

Lab File: BF119720.D

Acq: 3 Apr 2020 15:41

Instrument :

BNA_F

ClientSampleId :

S32-MULTI-IDW01

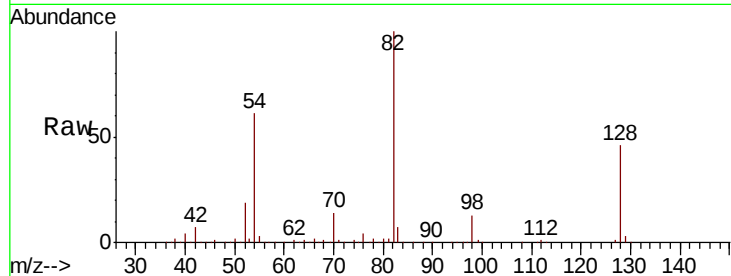
Tot Ion: 82 Resp: 1544597

Ion Ratio Lower Upper

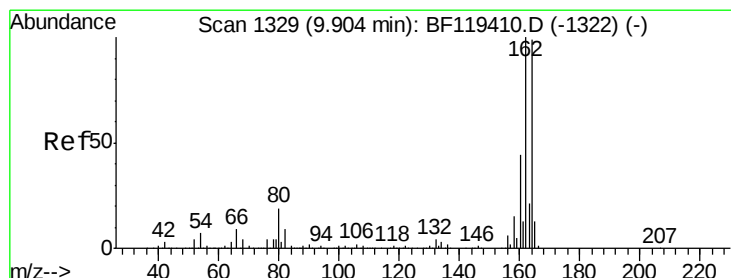
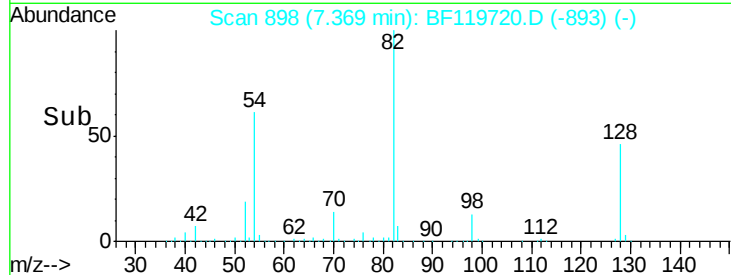
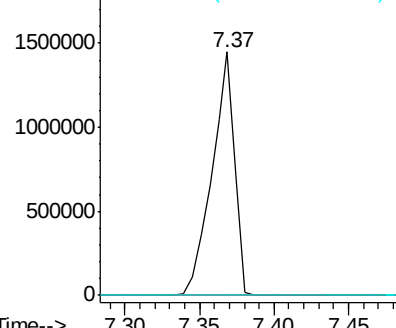
82 100

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: 9.85 min Scan# 1319

Delta R.T. -0.02 min

Lab File: BF119720.D

Acq: 3 Apr 2020 15:41

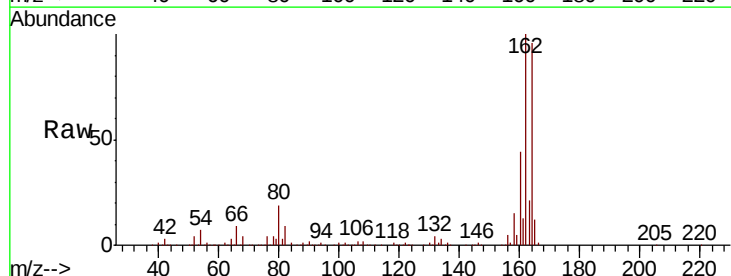
Tgt Ion:164 Resp: 426117

Ion Ratio Lower Upper

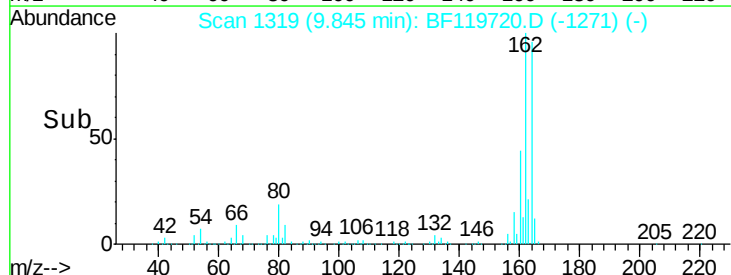
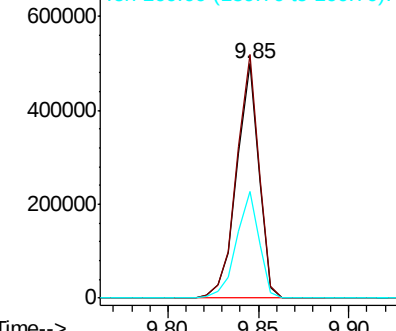
164 100

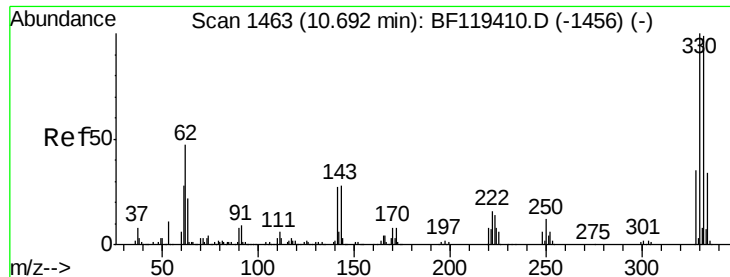
162 103.9 80.6 121.0

160 45.4 35.7 53.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1

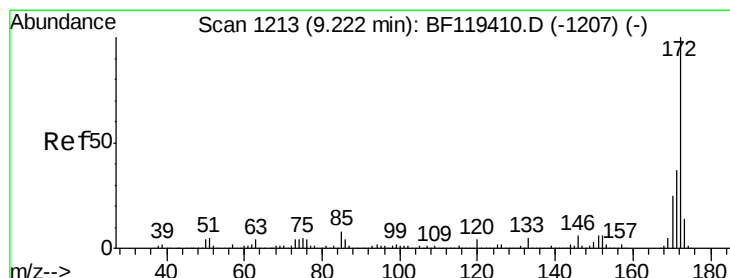
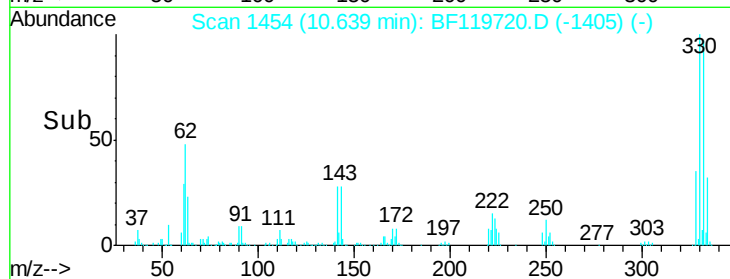
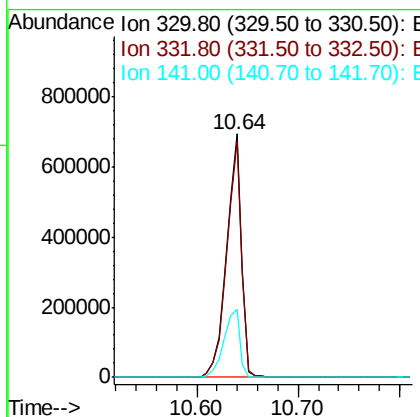
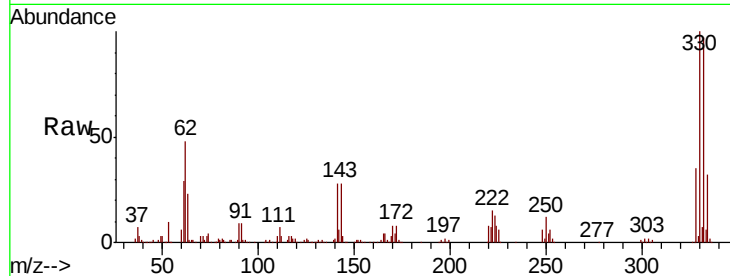




#42
 2,4,6-Tribromophenol
 Concen: 160.981 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF119720.D
 Acq: 3 Apr 2020 15:41

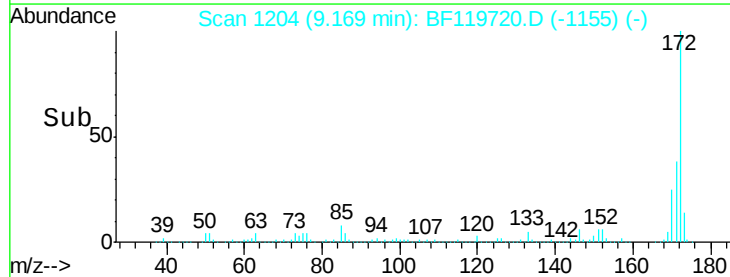
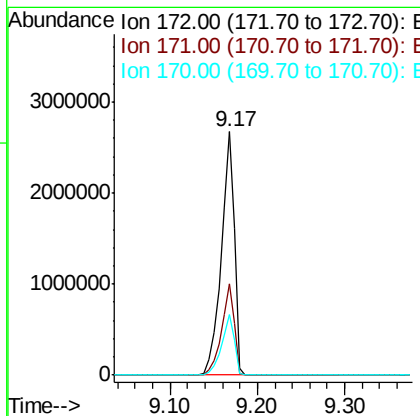
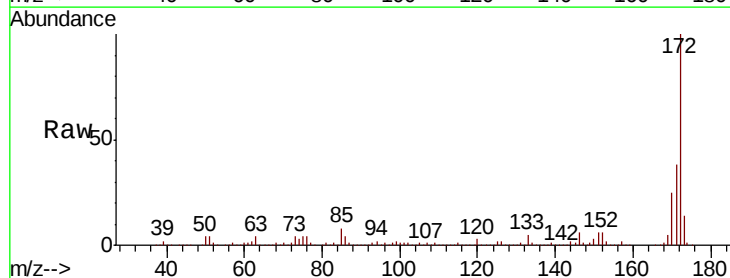
Instrument :
 BNA_F
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 S32-MULTI-IDW01

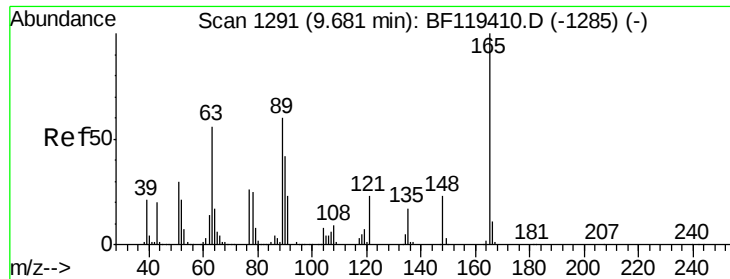
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	75.7	113.5
141	30.2	25.4	38.0



#45
 2-Fluorobiphenyl
 Concen: 95.988 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF119720.D
 Acq: 3 Apr 2020 15:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	29.6	44.4
170	24.8	20.2	30.2

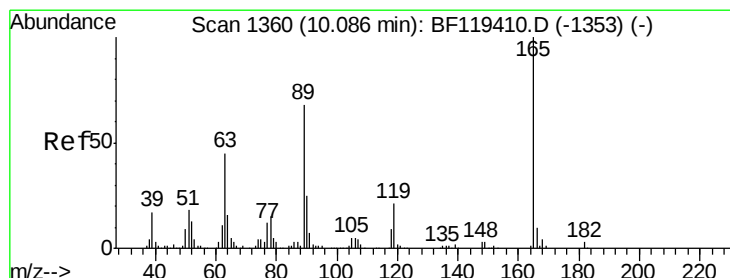
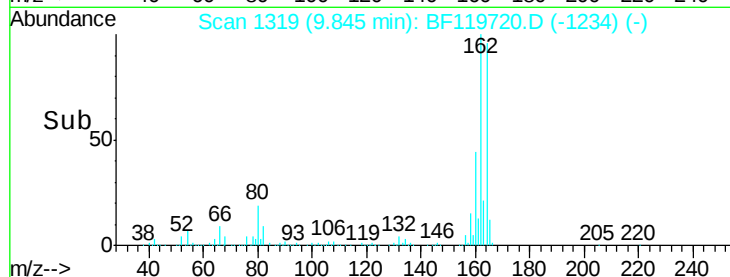
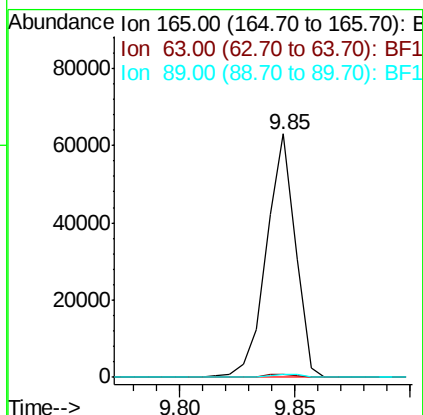
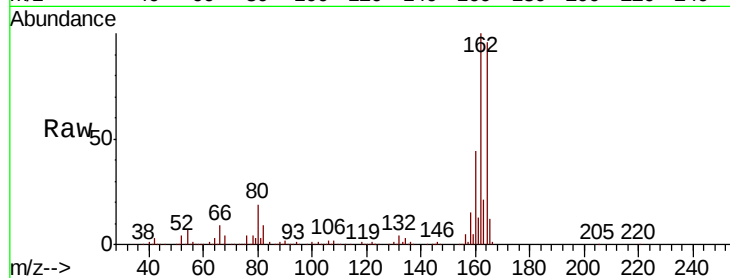




#51
 2,6-Dinitrotoluene
 Concen: 8.451 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. 0.20 min
 Lab File: BF119720.D
 Acq: 3 Apr 2020 15:41

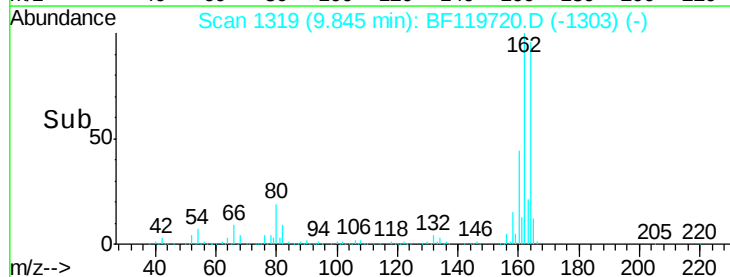
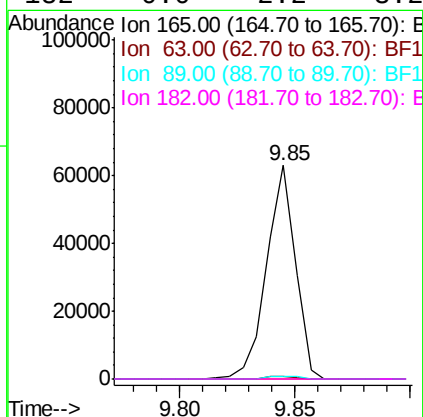
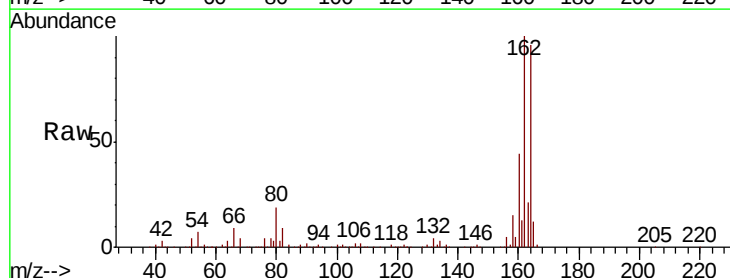
Instrument :
 BNA_F
 ClientSampleId :
 S32-MULTI-IDW01

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.0	45.0	67.4#
89	1.2	41.5	62.3#



#57
 2,4-Dinitrotoluene
 Concen: 6.708 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.21 min
 Lab File: BF119720.D
 Acq: 3 Apr 2020 15:41

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	42.6	64.0#
89	1.2	61.0	91.4#
182	0.0	2.2	3.2#

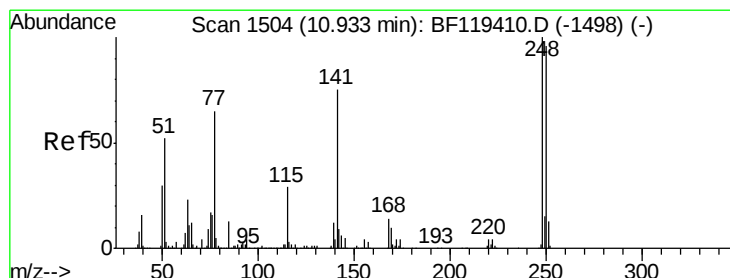
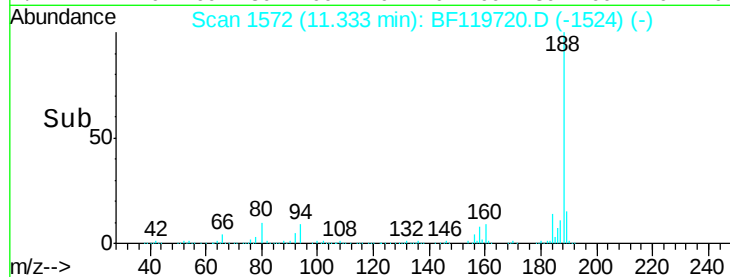
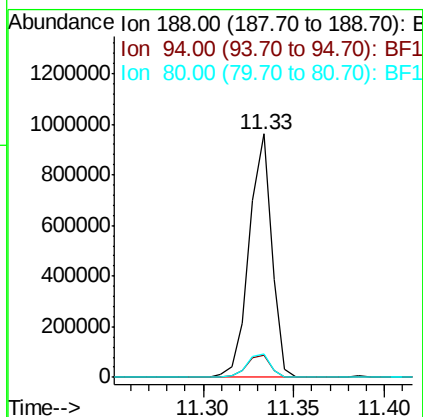
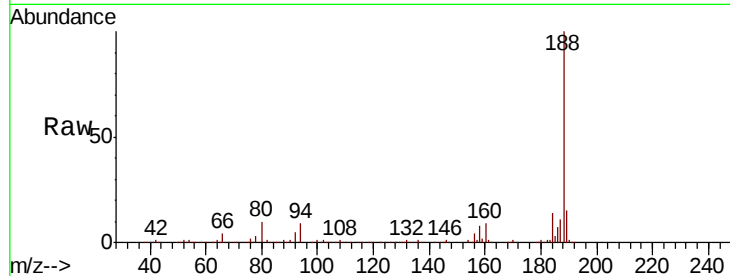




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. -0.02 min
 Lab File: BF119720.D
 Acq: 3 Apr 2020 15:41

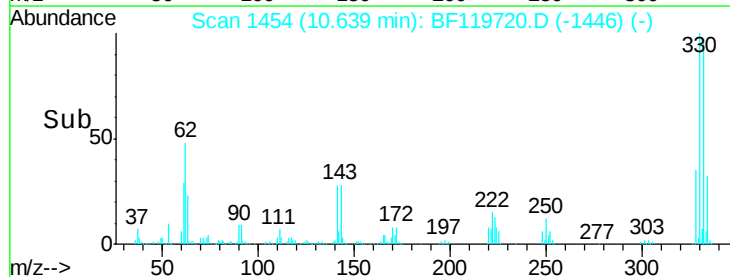
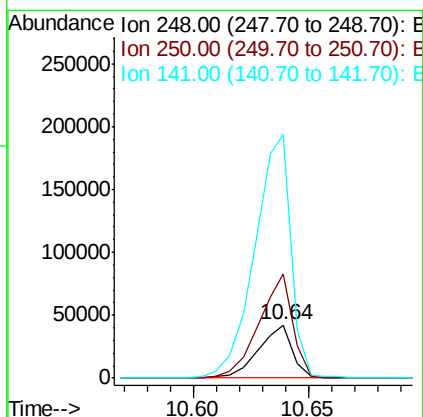
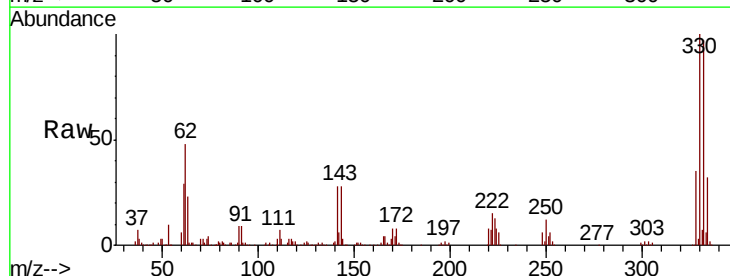
Instrument :
 BNA_F
 ClientSampleId :
 S32-MULTI-IDW01

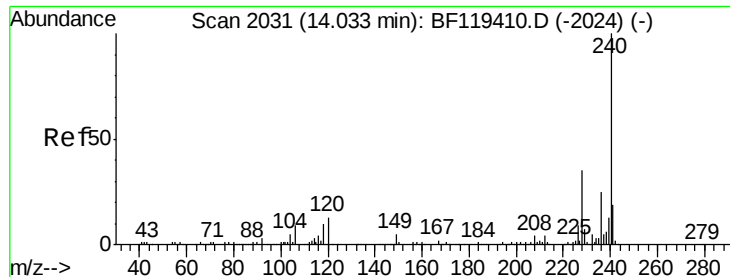
Tot Ion:188 Resp: 832523
 Ion Ratio Lower Upper
 188 100
 94 9.1 7.5 11.3
 80 9.7 9.0 13.4



#67
 4-Bromophenyl-phenylether
 Concen: 4.518 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.25 min
 Lab File: BF119720.D
 Acq: 3 Apr 2020 15:41

Tgt Ion:248 Resp: 42839
 Ion Ratio Lower Upper
 248 100
 250 195.8 77.3 115.9#
 141 459.7 58.6 87.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.02 min

Lab File: BF119720.D

Acq: 3 Apr 2020 15:41

Instrument :

BNA_F

ClientSampleId :

S32-MULTI-IDW01

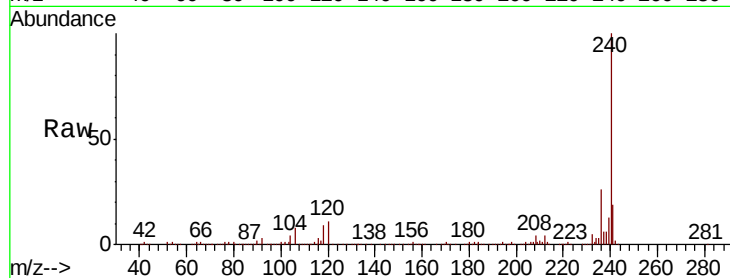
Tot Ion:240 Resp: 660030

Ion Ratio Lower Upper

240 100

120 11.3 10.6 15.8

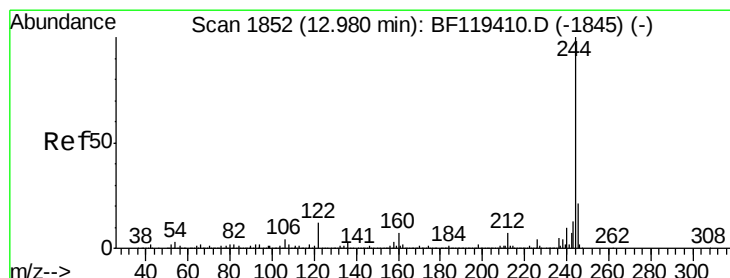
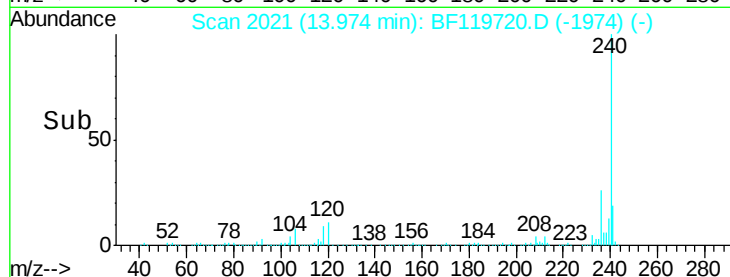
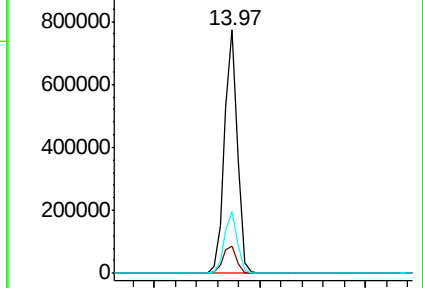
236 25.6 20.2 30.2



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: 93.868 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BF119720.D

Acq: 3 Apr 2020 15:41

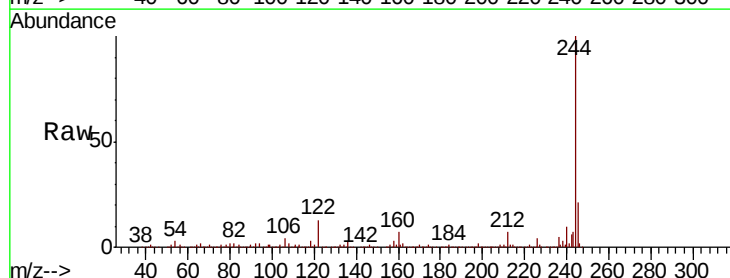
Tgt Ion:244 Resp: 3162262

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

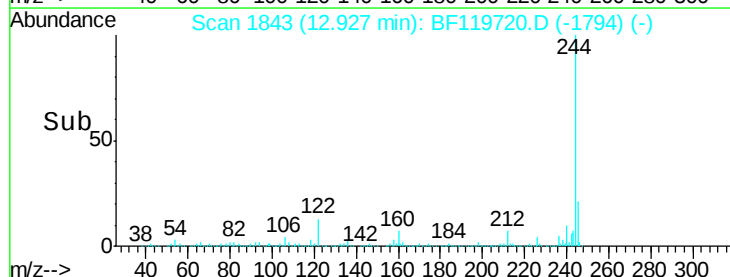
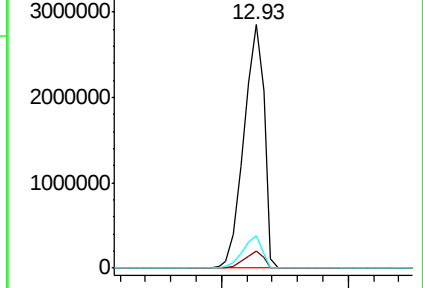
122 13.1 10.3 15.5

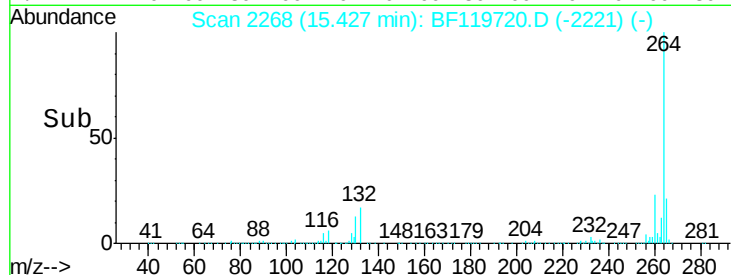
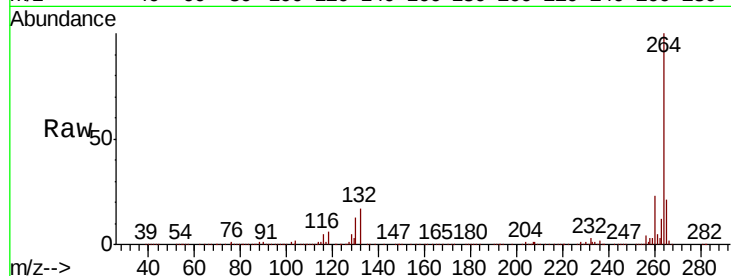
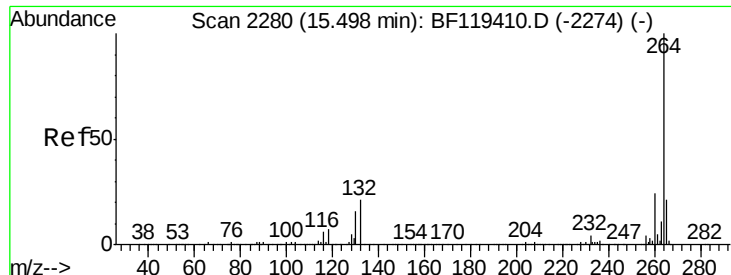


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.43 min Scan# 2268
 Delta R.T. -0.02 min
 Lab File: BF119720.D
 Acq: 3 Apr 2020 15:41

Instrument :
 BNA_F
 ClientSampleId :
 S32-MULTI-IDW01

Tot Ion:	264	Resp:	610532
Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.7	28.1
265	21.5	17.7	26.5

