

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040320\
 Data File : BF119719.D
 Acq On : 3 Apr 2020 15:14
 Operator : MA/SJ
 Sample : L2107-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S32-T1-IDW01

Quant Time: Apr 03 15:52:02 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

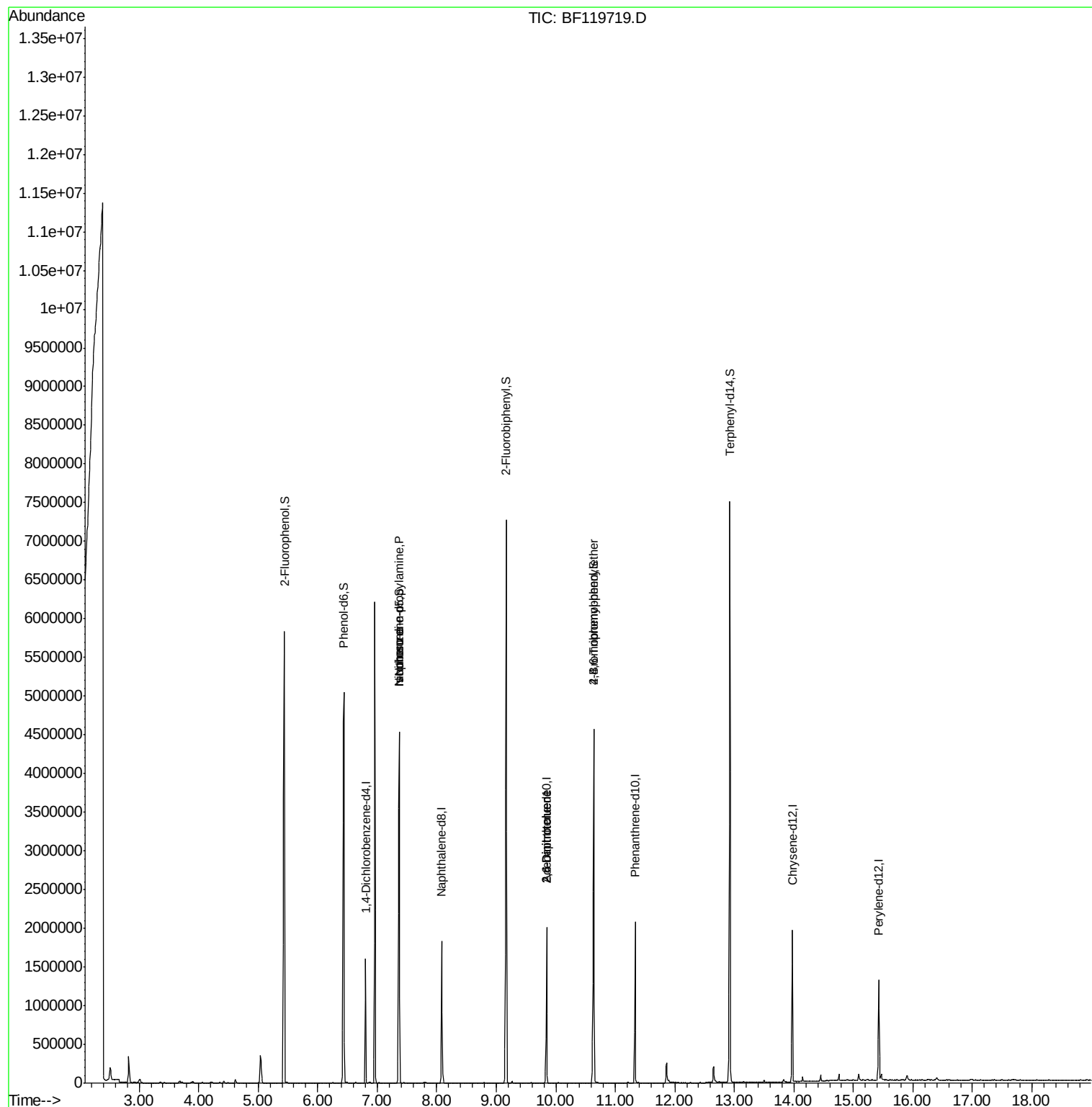
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	214031	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	816833	20.00	ng	-0.02
39) Acenaphthene-d10	9.85	164	422799	20.00	ng	-0.02
64) Phenanthrene-d10	11.33	188	812941	20.00	ng	-0.02
76) Chrysene-d12	13.97	240	644703	20.00	ng	-0.02
87) Perylene-d12	15.43	264	581484	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1756309	130.63	ng	0.02
7) Phenol-d6	6.44	99	2049451	119.33	ng	0.00
23) Nitrobenzene-d5	7.37	82	1470721	97.85	ng	-0.01
42) 2,4,6-Tribromophenol	10.64	330	678979	155.66	ng	-0.01
45) 2-Fluorobiphenyl	9.17	172	2713930	95.10	ng	-0.01
79) Terphenyl-d14	12.93	244	3036254	92.27	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	194000	18.740	ng	# 72
25) Isophorone	7.37	82	1468363	48.162	ng	# 65
51) 2,6-Dinitrotoluene	9.85	165	54789	8.511	ng	# 26
57) 2,4-Dinitrotoluene	9.85	165	54789	6.757	ng	# 20
67) 4-Bromophenyl-phenylether	10.64	248	41616	4.495	ng	# 1

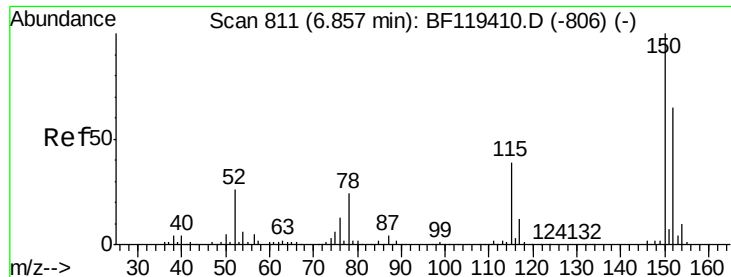
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 03 15:52:02 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



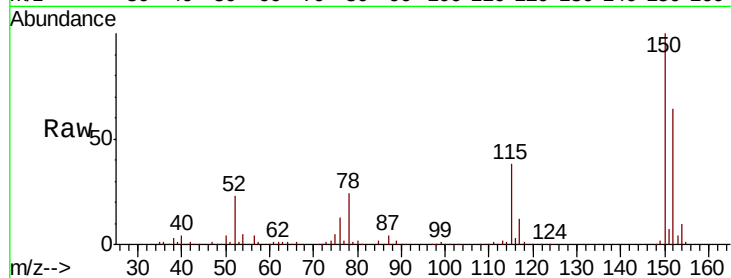


#1

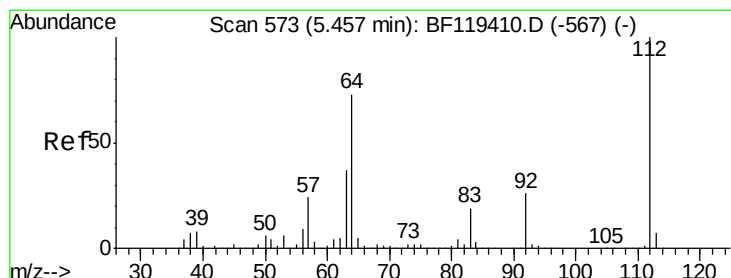
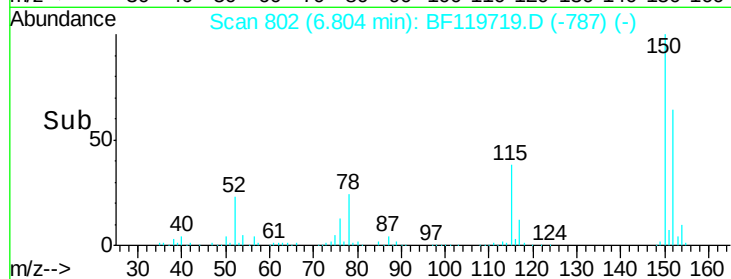
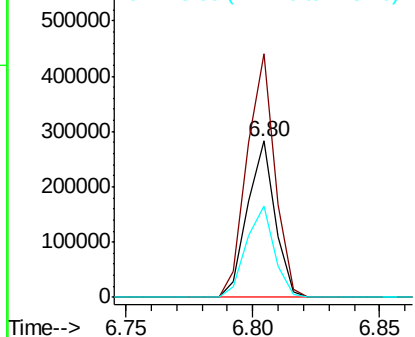
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF119719.D
Acq: 3 Apr 2020 15:14

Instrument :
BNA_F
ClientSampleId :
S32-T1-IDW01

Tot Ion:152 Resp: 214031
Ion Ratio Lower Upper
152 100
150 155.6 124.5 186.7
115 58.7 49.6 74.4



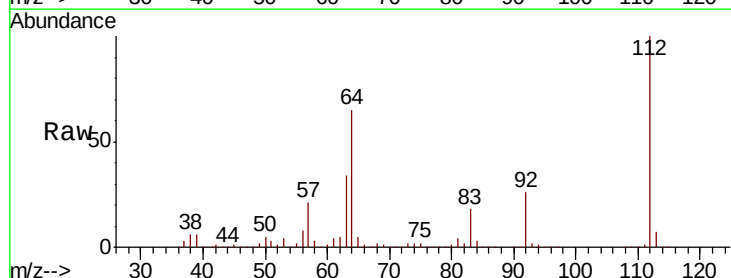
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



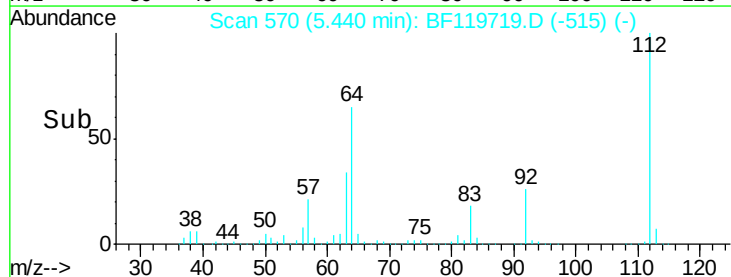
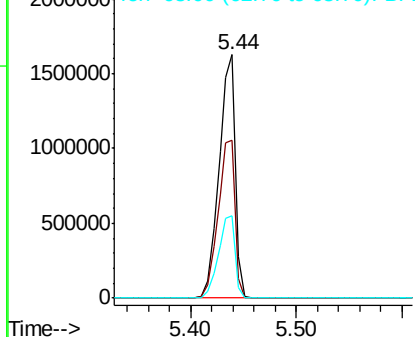
#5

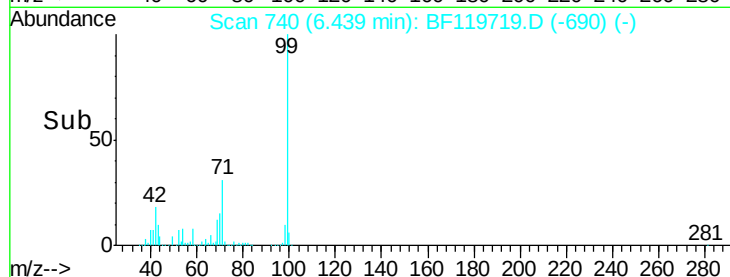
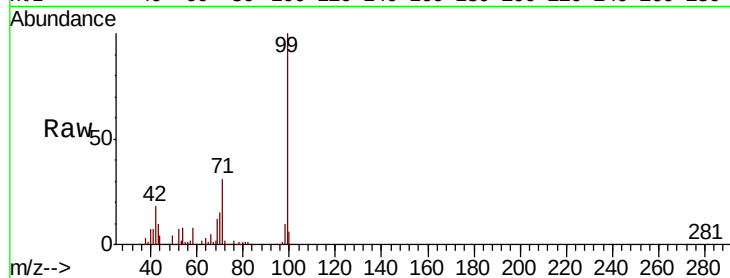
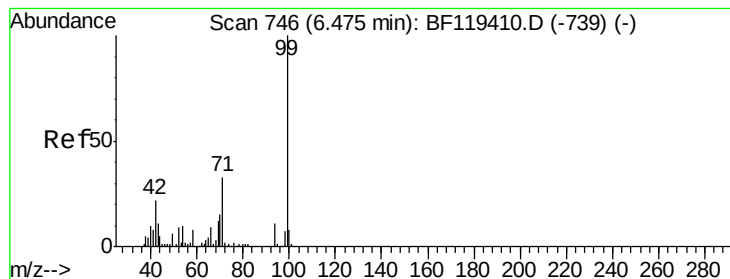
2-Fluorophenol
Concen: 130.630 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.02 min
Lab File: BF119719.D
Acq: 3 Apr 2020 15:14

Tgt Ion:112 Resp: 1756309
Ion Ratio Lower Upper
112 100
64 65.1 56.7 85.1
63 33.8 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: 119.328 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF119719.D

Acq: 3 Apr 2020 15:14

Instrument :

BNA_F

ClientSampleId :

S32-T1-IDW01

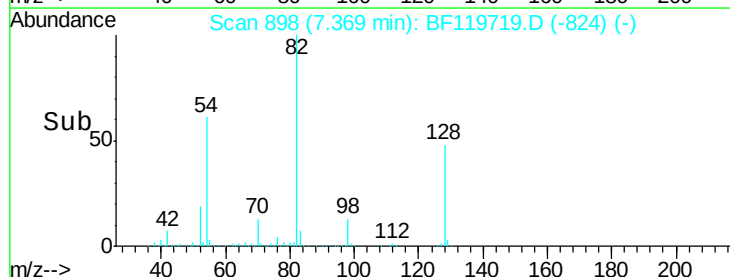
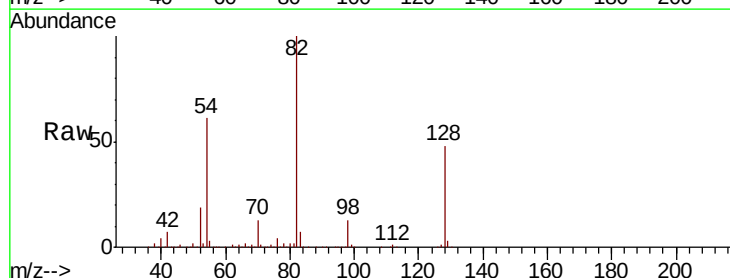
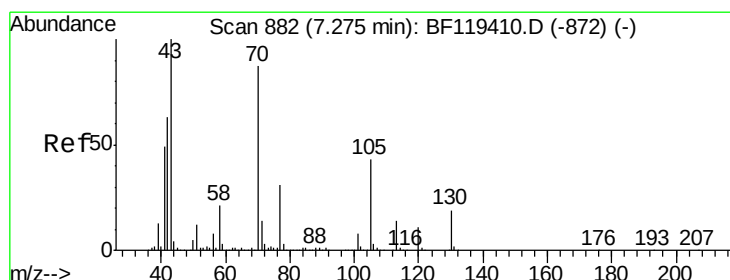
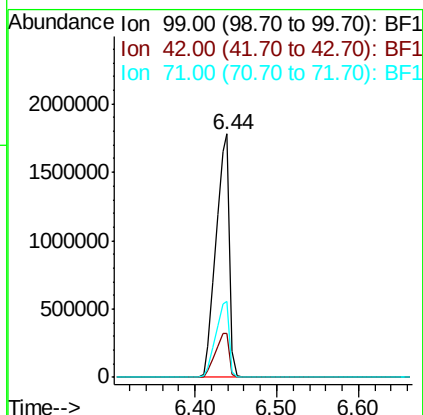
Tot Ion: 99 Resp: 2049451

Ion Ratio Lower Upper

99 100

42 18.3 16.6 24.8

71 31.5 26.4 39.6



#19

n-Nitroso-di-n-propylamine

Concen: 18.740 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.14 min

Lab File: BF119719.D

Acq: 3 Apr 2020 15:14

Tgt Ion: 70 Resp: 194000

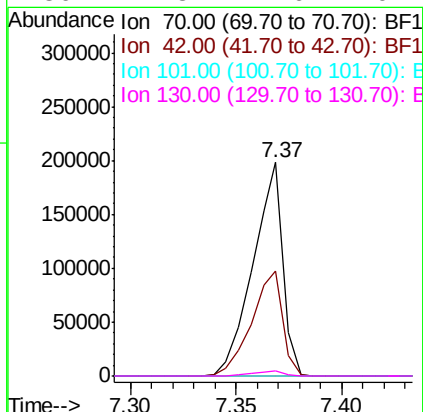
Ion Ratio Lower Upper

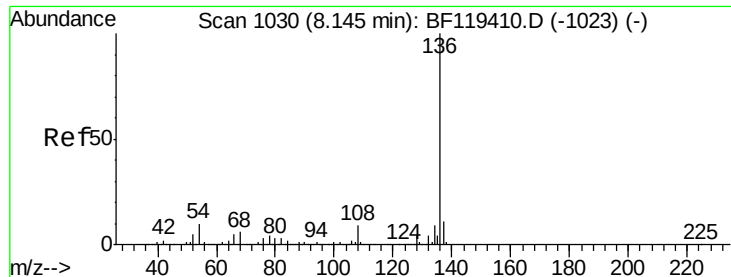
70 100

42 49.2 54.5 81.7#

101 0.0 7.6 11.4#

130 2.3 17.6 26.4#

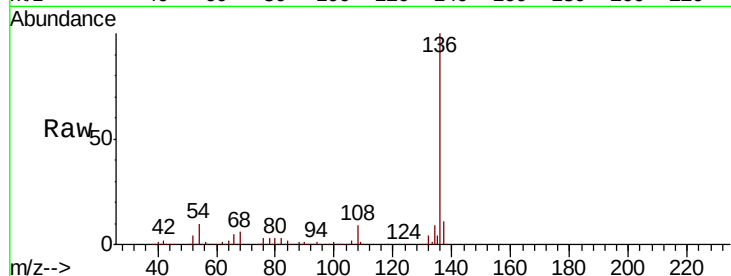




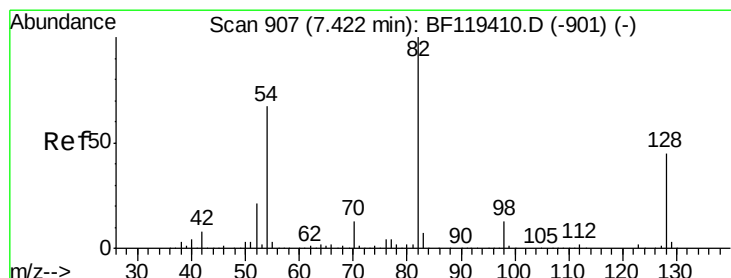
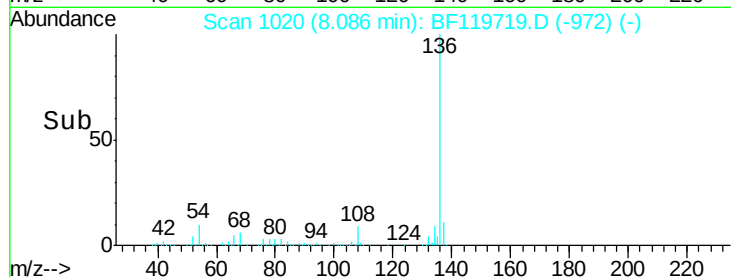
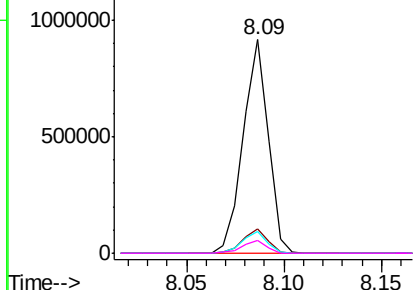
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.02 min
Lab File: BF119719.D
Acq: 3 Apr 2020 15:14

Instrument :
BNA_F
ClientSampleId :
S32-T1-IDW01

Tot Ion:136	Resp:	816833
Ion	Ratio	Lower Upper
136	100	
137	11.5	8.7 13.1
54	10.0	9.1 13.7
68	5.9	4.6 6.8

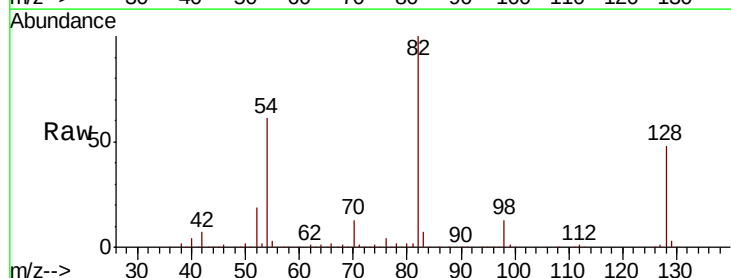


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

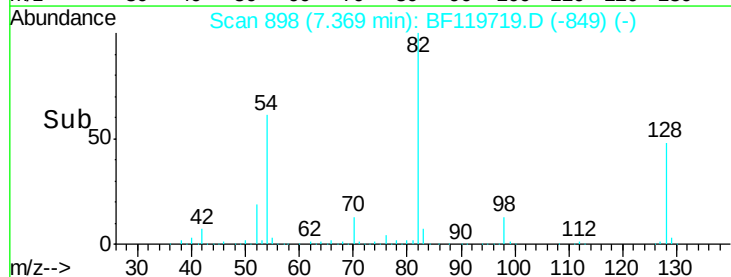
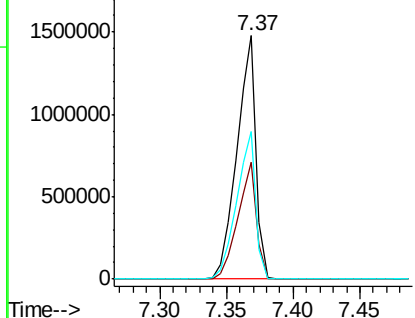


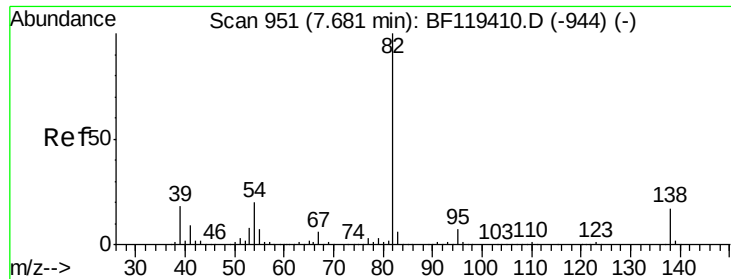
#23
Nitrobenzene-d5
Concen: 97.854 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF119719.D
Acq: 3 Apr 2020 15:14

Tgt Ion: 82	Resp:	1470721
Ion	Ratio	Lower Upper
82	100	
128	47.9	36.3 54.5
54	60.5	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

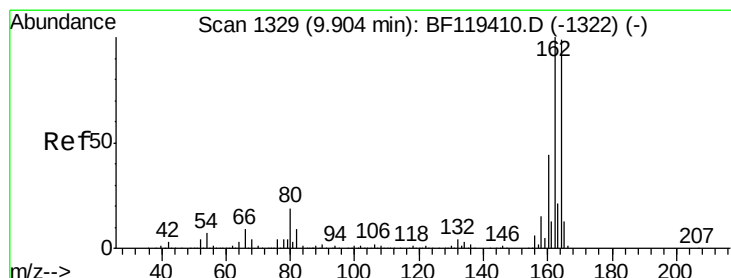
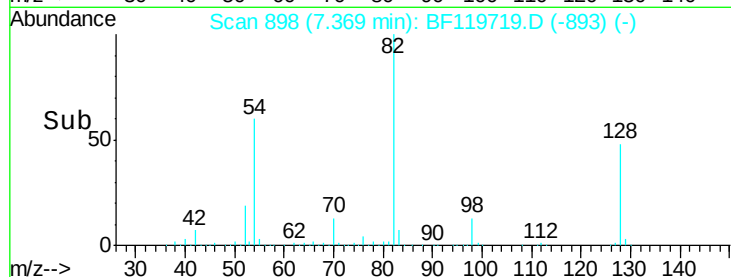
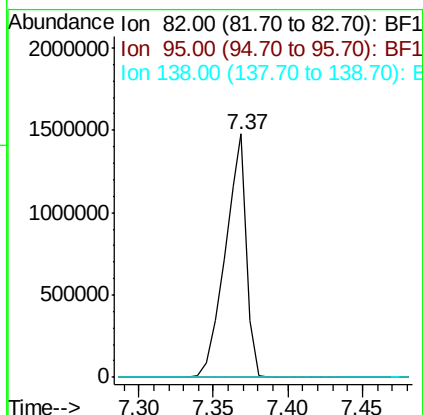
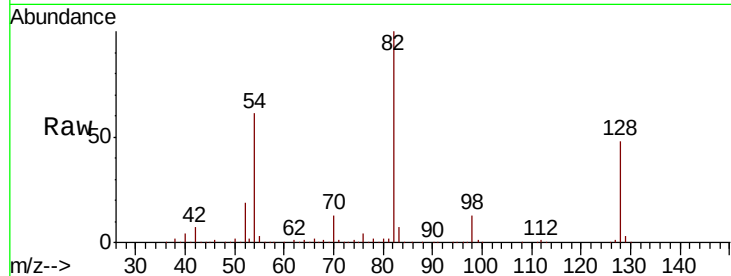




#25
Isophorone
Concen: 48.162 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.27 min
Lab File: BF119719.D
Acq: 3 Apr 2020 15:14

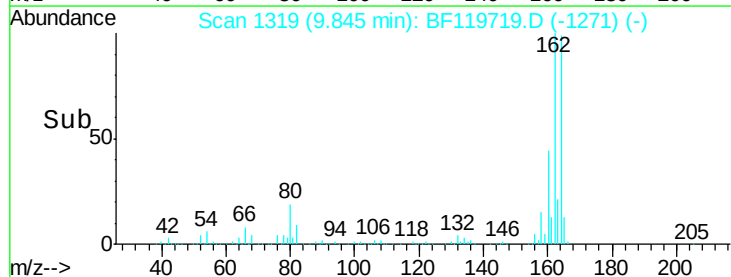
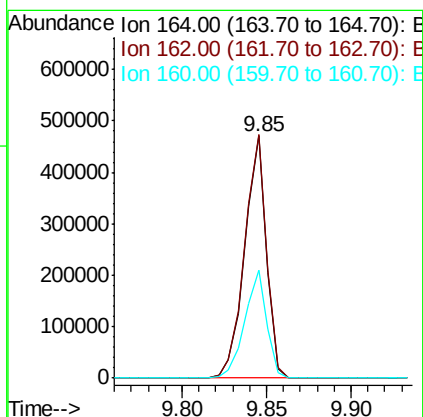
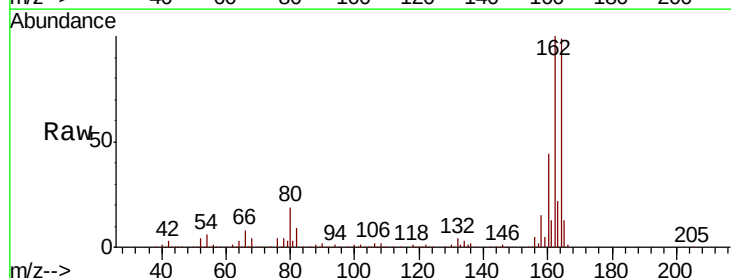
Instrument :
BNA_F
ClientSampleId :
S32-T1-IDW01

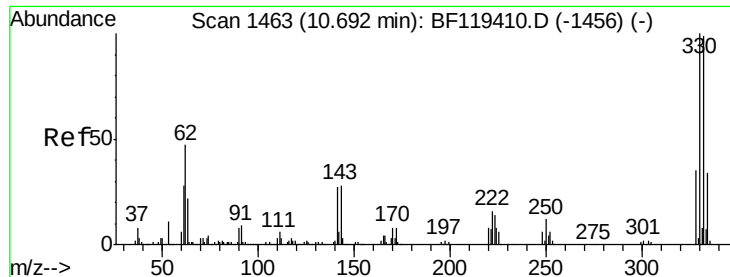
Tot Ion: 82 Resp: 1468363
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.02 min
Lab File: BF119719.D
Acq: 3 Apr 2020 15:14

Tgt Ion: 164 Resp: 422799
Ion Ratio Lower Upper
164 100
162 100.7 80.6 121.0
160 44.7 35.7 53.5

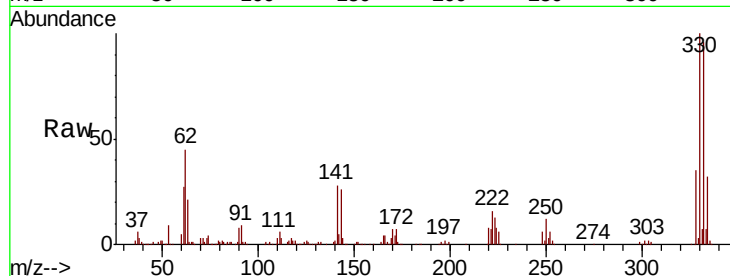




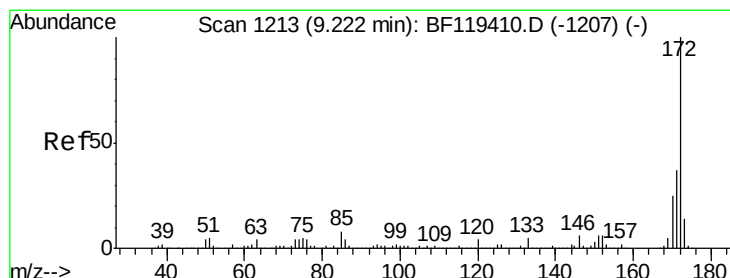
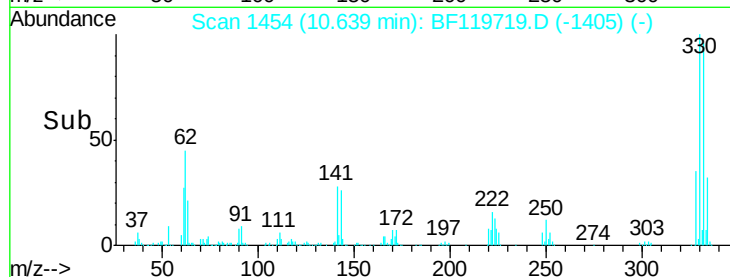
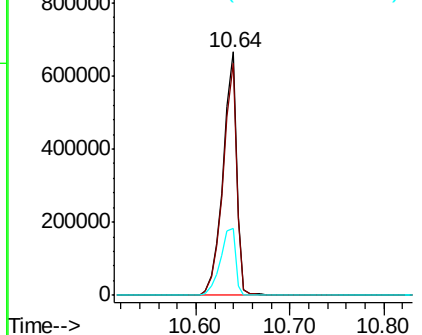
#42
 2,4,6-Tribromophenol
 Concen: 155.662 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF119719.D
 Acq: 3 Apr 2020 15:14

Instrument :
 BNA_F
 ClientSampleId :
 S32-T1-IDW01

Tot Ion:330 Resp: 678979
 Ion Ratio Lower Upper
 330 100
 332 95.2 75.7 113.5
 141 30.8 25.4 38.0

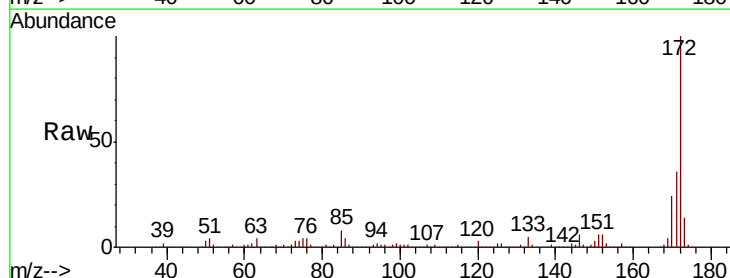


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

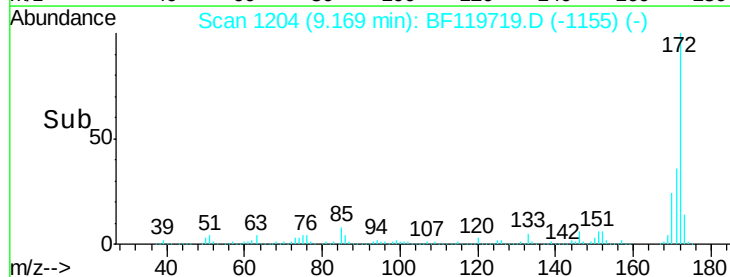
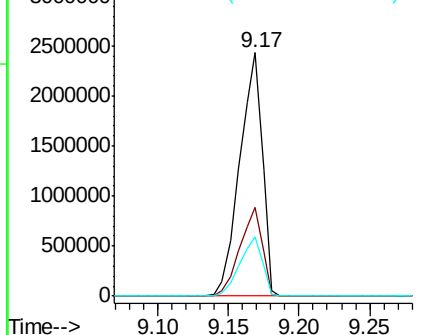


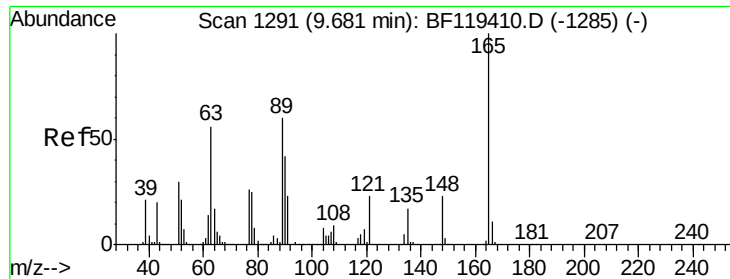
#45
 2-Fluorobiphenyl
 Concen: 95.095 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF119719.D
 Acq: 3 Apr 2020 15:14

Tgt Ion:172 Resp: 2713930
 Ion Ratio Lower Upper
 172 100
 171 36.3 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





#51

2,6-Dinitrotoluene

Concen: 8.511 ng

RT: 9.85 min Scan# 1319

Delta R.T. 0.20 min

Lab File: BF119719.D

Acq: 3 Apr 2020 15:14

Instrument :

BNA_F

ClientSampleId :

S32-T1-IDW01

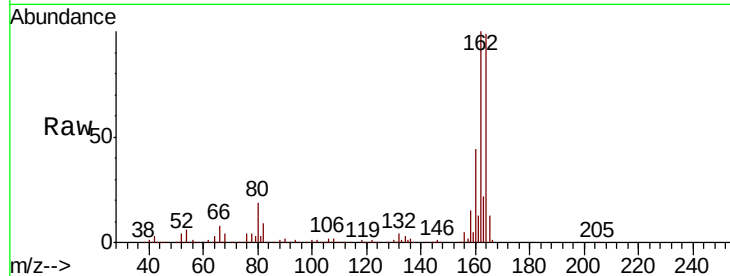
Tot Ion:165 Resp: 54789

Ion Ratio Lower Upper

165 100

63 1.2 45.0 67.4#

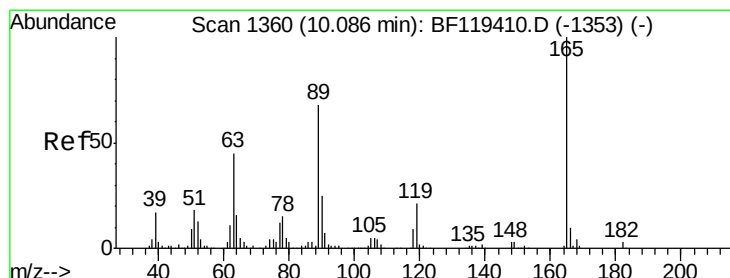
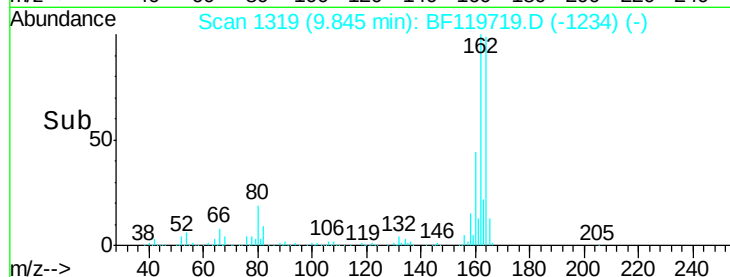
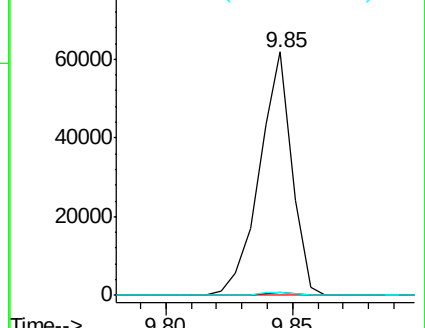
89 1.1 41.5 62.3#



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: 6.757 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.21 min

Lab File: BF119719.D

Acq: 3 Apr 2020 15:14

Tgt Ion:165 Resp: 54789

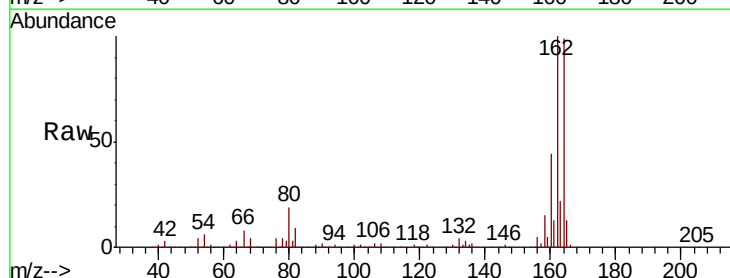
Ion Ratio Lower Upper

165 100

63 1.2 42.6 64.0#

89 1.1 61.0 91.4#

182 0.0 2.2 3.2#

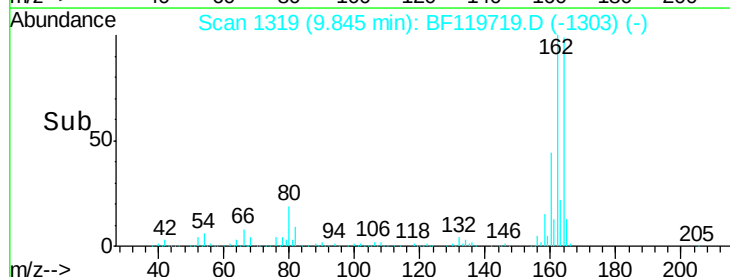
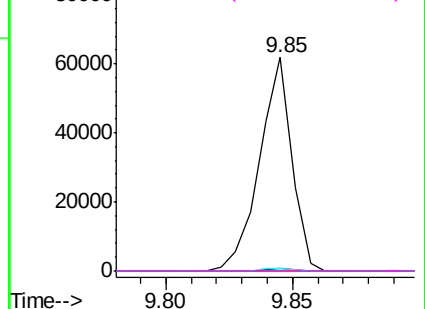


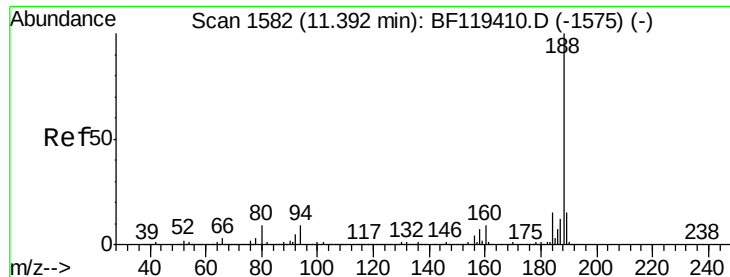
Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.33 min Scan# 1572

Delta R.T. -0.02 min

Lab File: BF119719.D

Acq: 3 Apr 2020 15:14

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ClientSampleId :

S32-T1-IDW01

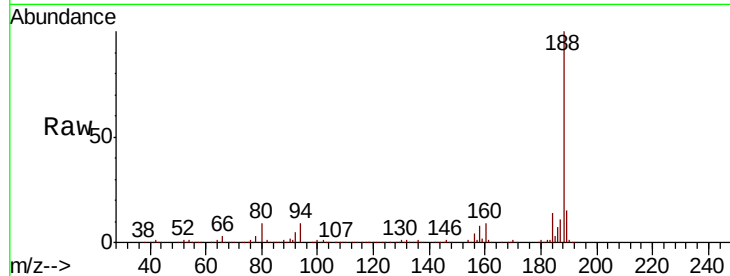
Tot Ion:188 Resp: 812941

Ion Ratio Lower Upper

188 100

94 8.8 7.5 11.3

80 9.3 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

1200000

800000

600000

400000

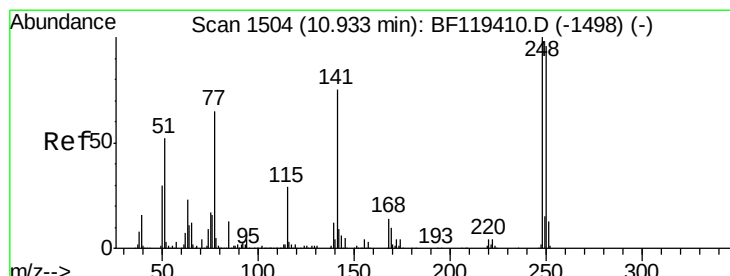
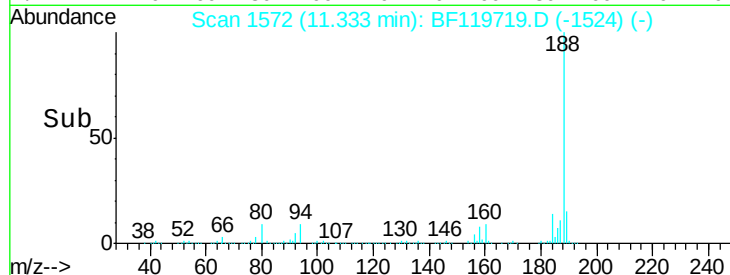
200000

0

11.33

11.35

Time-->



#67

4-Bromophenyl-phenylether

Concen: 4.495 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.25 min

Lab File: BF119719.D

Acq: 3 Apr 2020 15:14

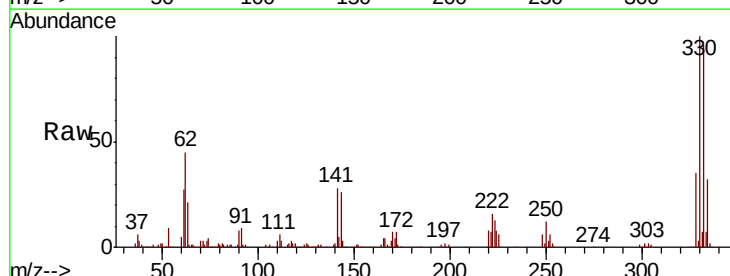
Tgt Ion:248 Resp: 41616

Ion Ratio Lower Upper

248 100

250 197.4 77.3 115.9#

141 464.0 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

250000

200000

150000

100000

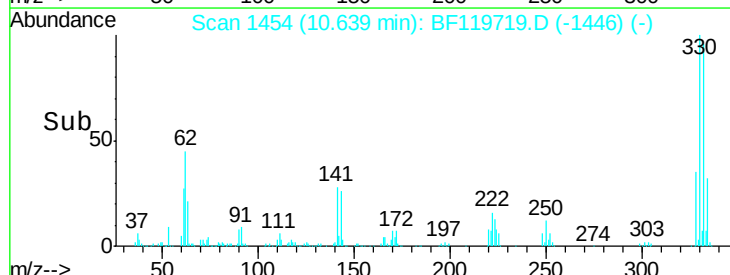
50000

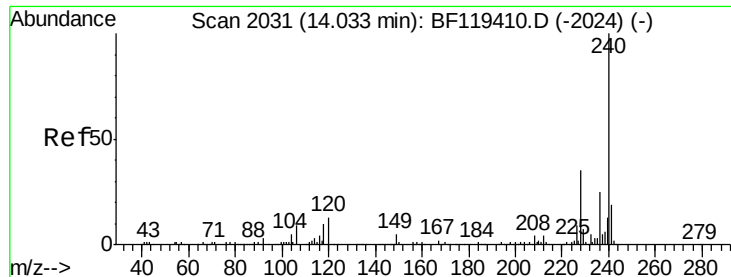
0

10.64

10.65

Time-->





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.02 min

Lab File: BF119719.D

Acq: 3 Apr 2020 15:14

Instrument :

BNA_F

ClientSampleId :

S32-T1-IDW01

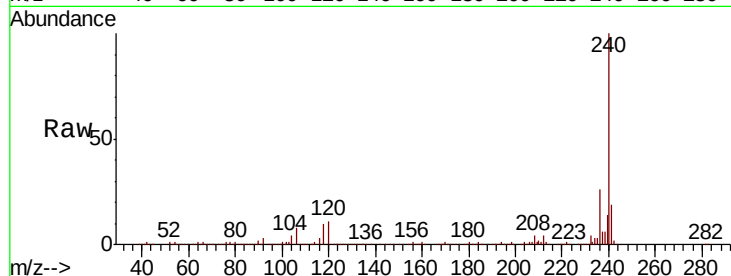
Tot Ion:240 Resp: 644703

Ion Ratio Lower Upper

240 100

120 10.9 10.6 15.8

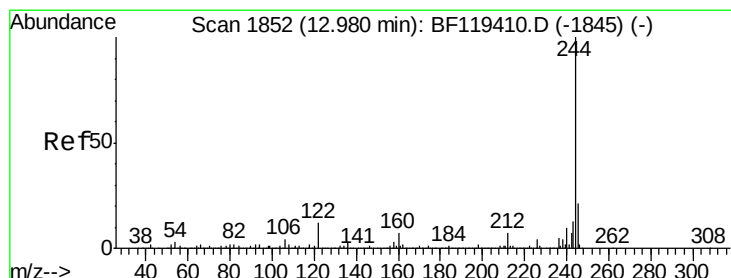
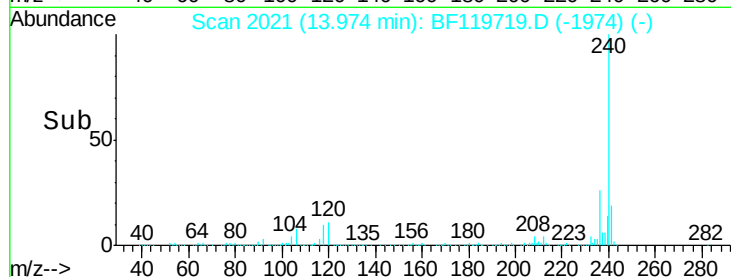
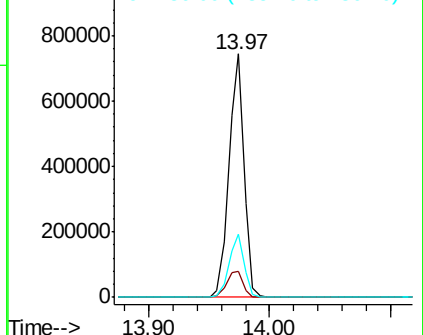
236 26.0 20.2 30.2



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: 92.270 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BF119719.D

Acq: 3 Apr 2020 15:14

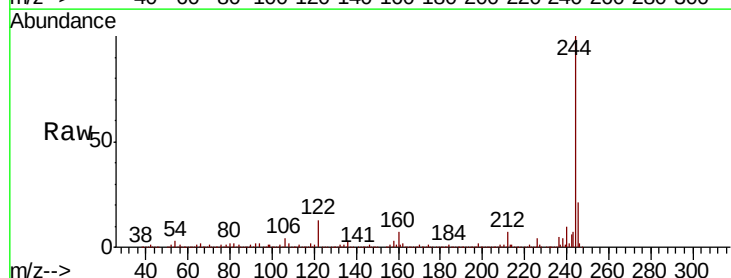
Tgt Ion:244 Resp: 3036254

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

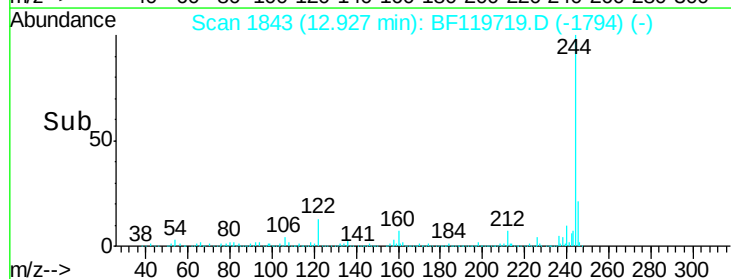
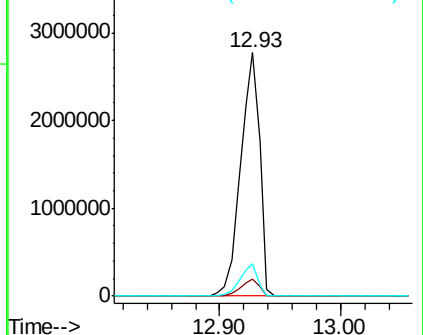
122 13.1 10.3 15.5

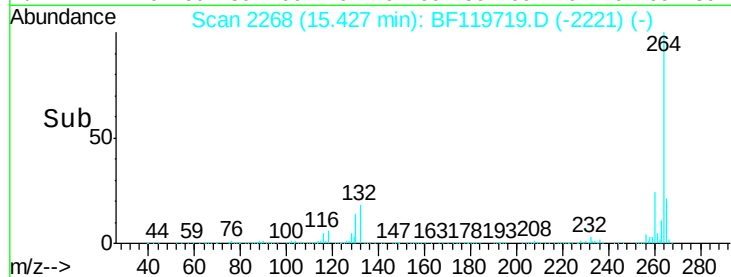
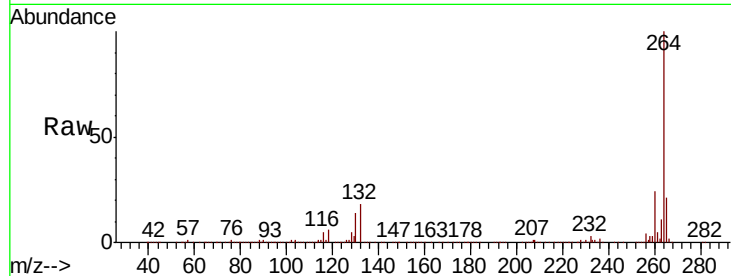
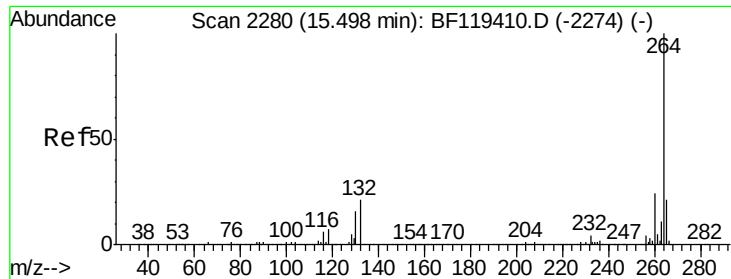


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF119719.D
Acq: 3 Apr 2020 15:14

Instrument :
BNA_F
ClientSampleId :
S32-T1-IDW01

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.7	28.1
265	20.7	17.7	26.5

