

Data File : BF118704.D
Acq On : 24 Jan 2020 23:55
Operator : CG/JU
Sample : L1242-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20200055-COMPOSITE-1

Quant Time: Jan 27 01:08:27 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 20 14:45:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	236478	20.00	ng	-0.02
21) Naphthalene-d8	8.15	136	921946	20.00	ng	-0.02
39) Acenaphthene-d10	9.90	164	485289	20.00	ng	-0.03
64) Phenanthrene-d10	11.38	188	798553	20.00	ng	-0.03
76) Chrysene-d12	14.02	240	535379	20.00	ng	-0.03
87) Perylene-d12	15.48	264	656971	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1413094	110.98	ng	-0.01
7) Phenol-d6	6.49	99	1698889	102.66	ng	-0.02
23) Nitrobenzene-d5	7.42	82	1085788	65.87	ng	-0.02
42) 2,4,6-Tribromophenol	10.69	330	524198	93.39	ng	-0.02
45) 2-Fluorobiphenyl	9.22	172	1973494	66.84	ng	-0.02
79) Terphenyl-d14	12.96	244	1792552	73.03	ng	-0.03
Target Compounds						
10) Phenol	6.50	94	87619	4.646	ng	Qvalue 84
19) n-Nitroso-di-n-propylamine	7.42	70	146172	13.081	ng	# 77
25) Isophorone	7.42	82	1083832	36.051	ng	# 64
50) Dimethylphthalate	9.61	163	320935	10.151	ng	97
57) 2,4-Dinitrotoluene	9.90	165	63367	7.100	ng	# 25
67) 4-Bromophenyl-phenylether	10.69	248	33085	3.354	ng	# 1

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

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20200055-COMPOSITE-1

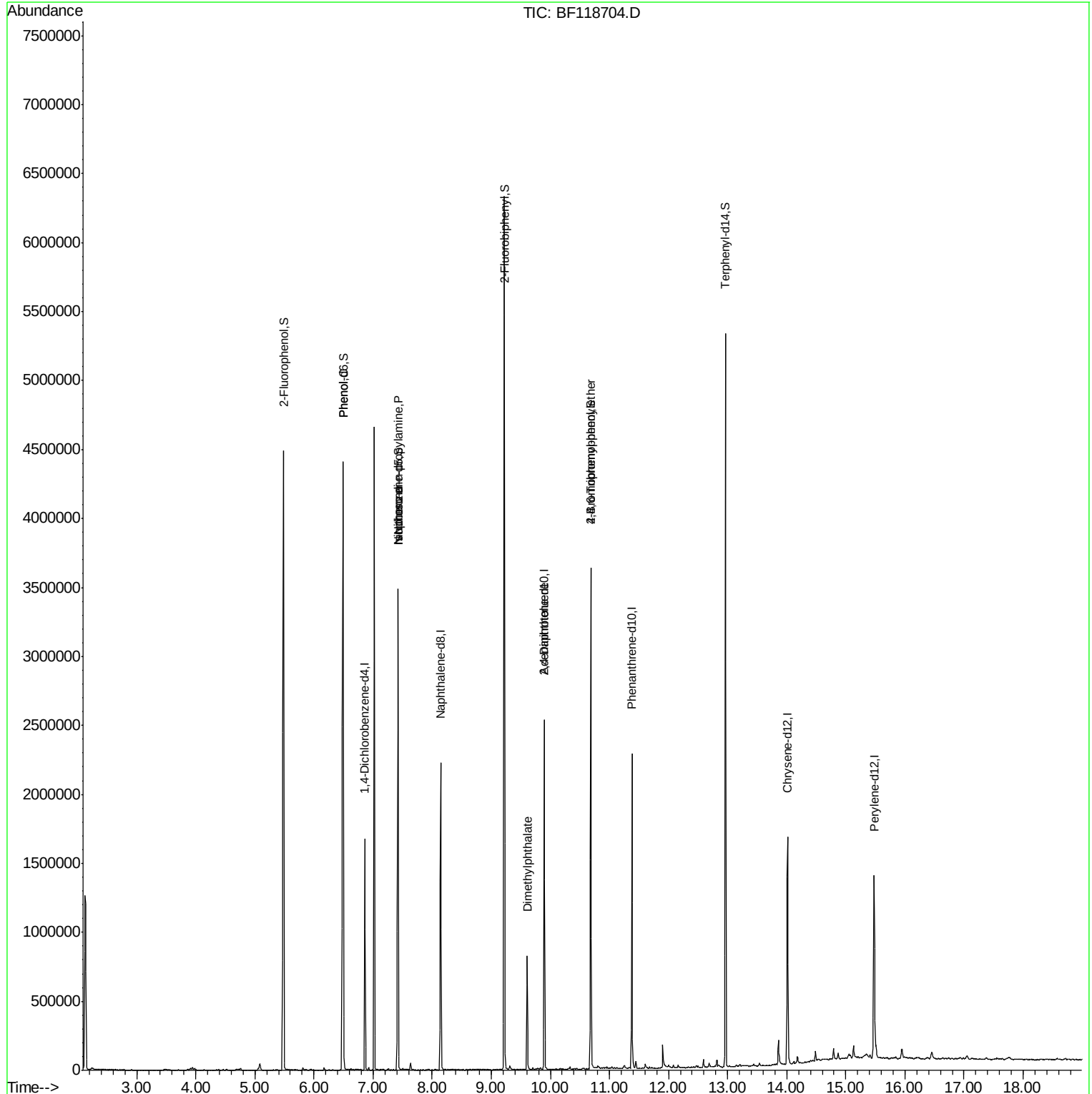
Quant Time: Jan 27 01:08:27 2020

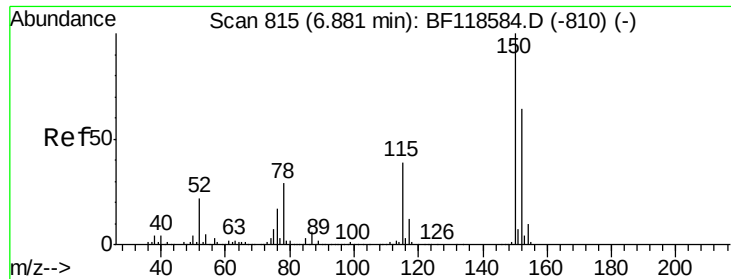
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Jan 20 14:45:03 2020

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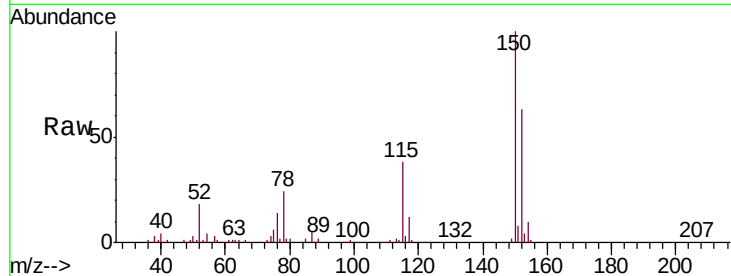


#1

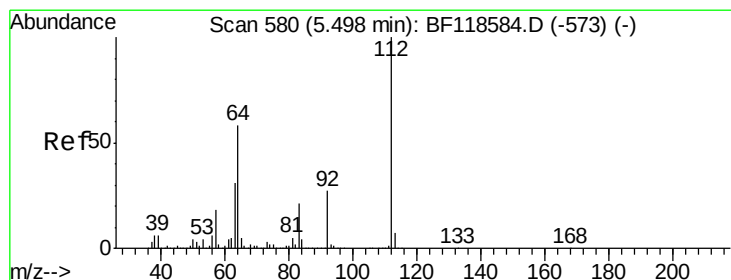
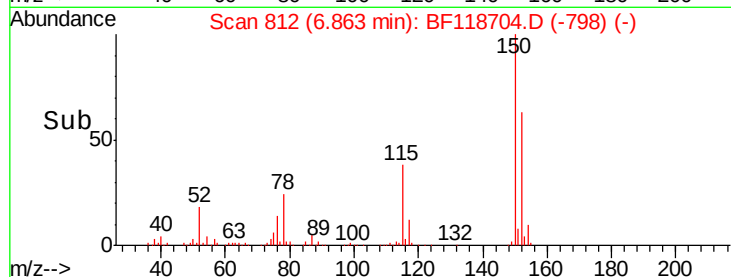
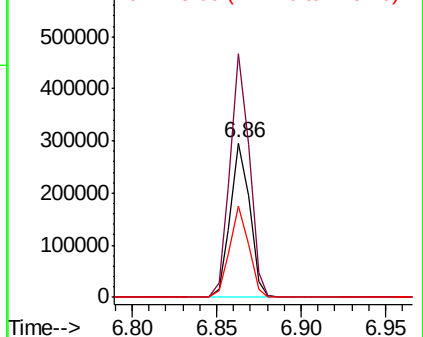
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.02 min
Lab File: BF118704.D
Acq: 24 Jan 2020 23:55

Instrument :
BNA_F
ClientSampleId :
20200055-COMPOSITE-1

Tgt Ion:152 Resp: 236478
Ion Ratio Lower Upper
152 100
150 157.7 125.6 188.4
115 59.4 48.4 72.6



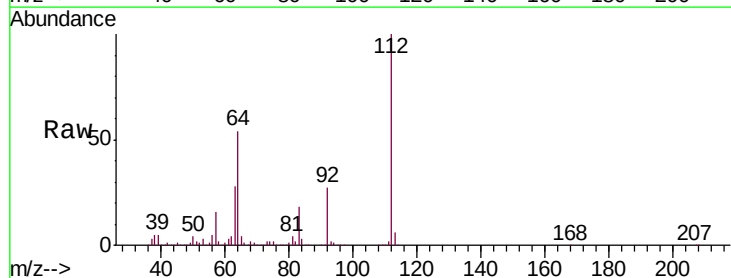
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



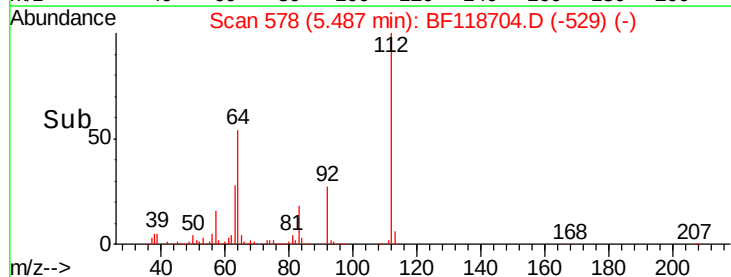
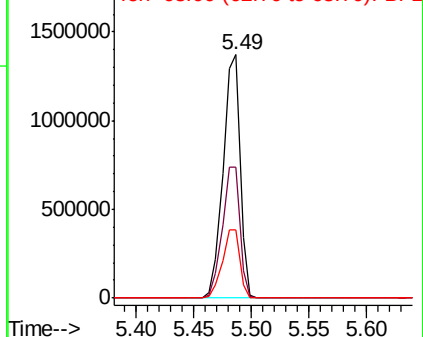
#5

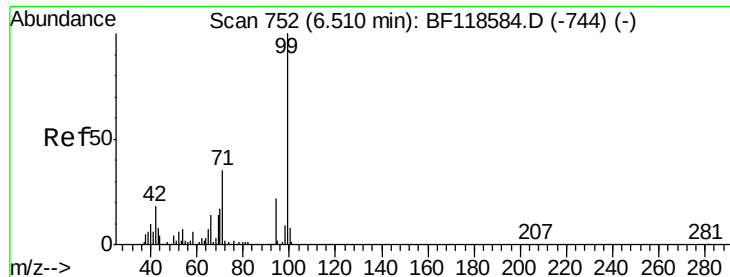
2-Fluorophenol
Concen: 110.982 ng
RT: 5.49 min Scan# 578
Delta R.T. -0.01 min
Lab File: BF118704.D
Acq: 24 Jan 2020 23:55

Tgt Ion:112 Resp: 1413094
Ion Ratio Lower Upper
112 100
64 53.7 46.6 70.0
63 27.8 25.1 37.7



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: 102.657 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF118704.D

Acq: 24 Jan 2020 23:55

Instrument :

BNA_F

ClientSampleId :

20200055-COMPOSITE-1

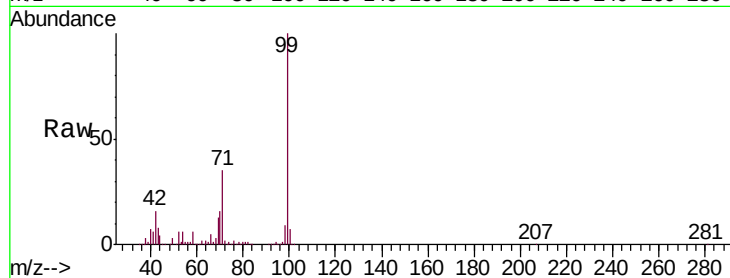
Tgt Ion: 99 Resp: 1698889

Ion Ratio Lower Upper

99 100

42 16.3 14.2 21.2

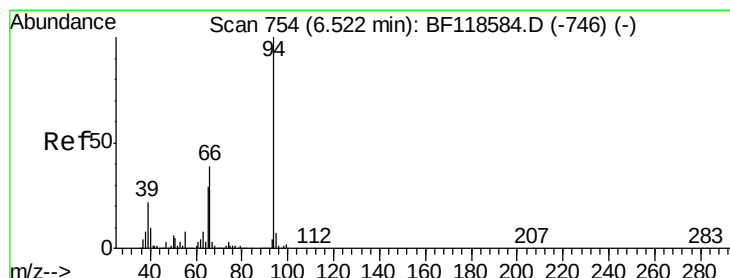
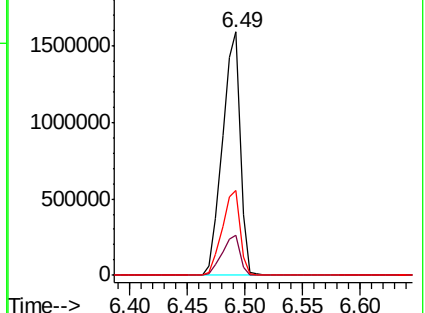
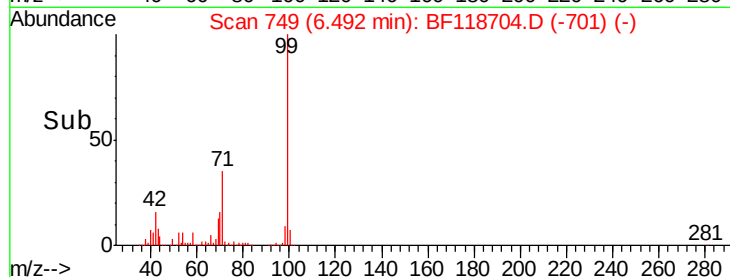
71 35.1 27.8 41.6



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



#10

Phenol

Concen: 4.646 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.02 min

Lab File: BF118704.D

Acq: 24 Jan 2020 23:55

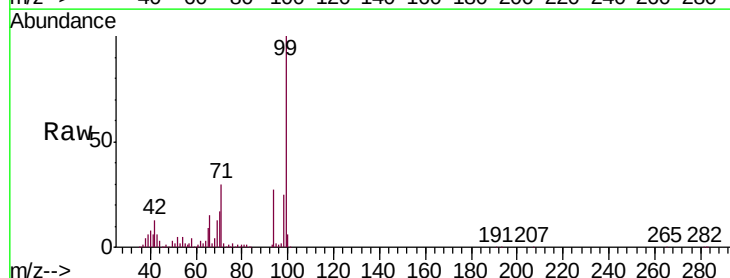
Tgt Ion: 94 Resp: 87619

Ion Ratio Lower Upper

94 100

65 32.1 9.5 49.5

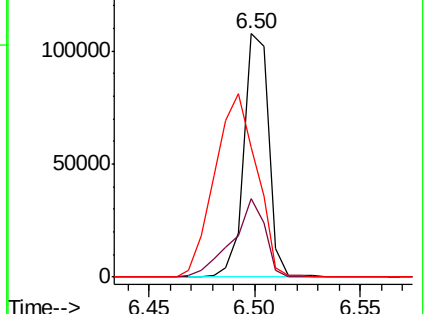
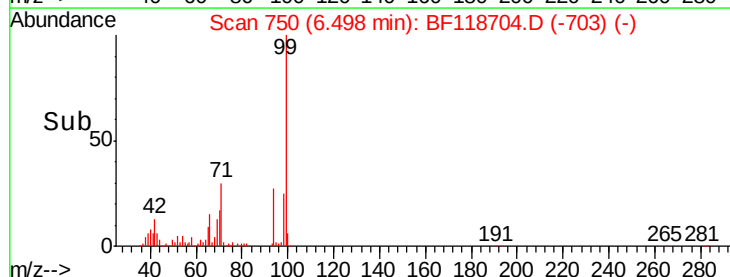
66 53.3 18.5 58.5

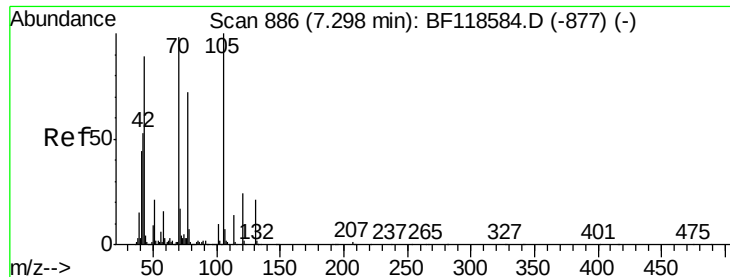


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

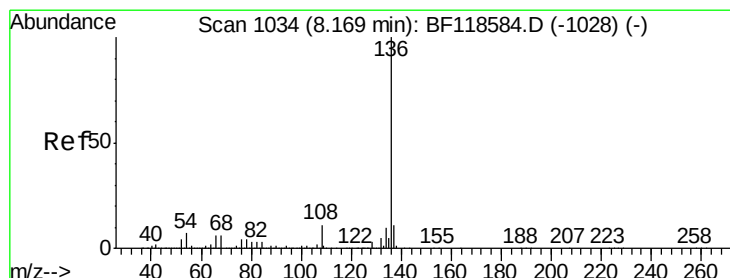
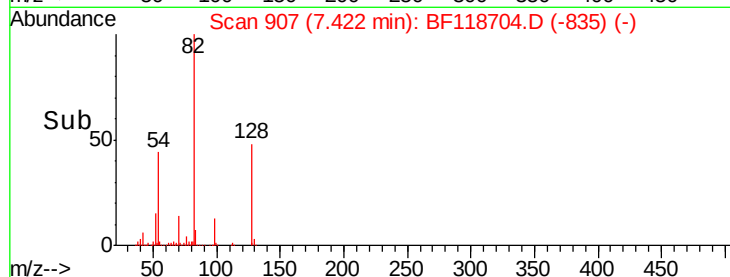
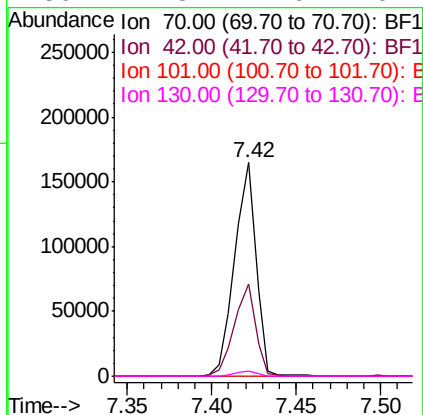
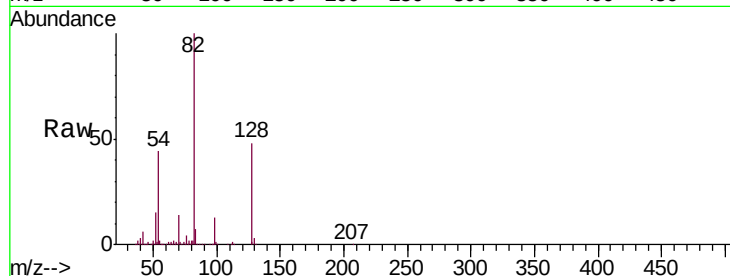




#19
n-Nitroso-di-n-propylamine
Concen: 13.081 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.12 min
Lab File: BF118704.D
Acq: 24 Jan 2020 23:55

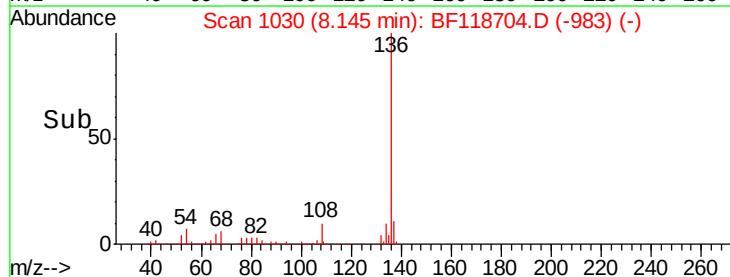
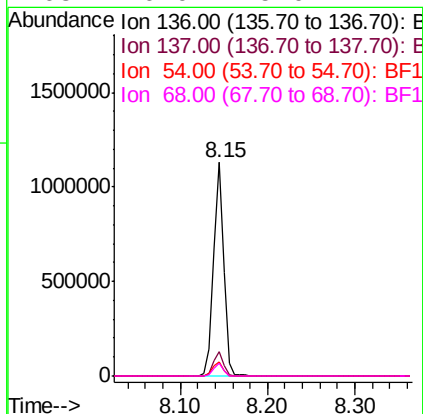
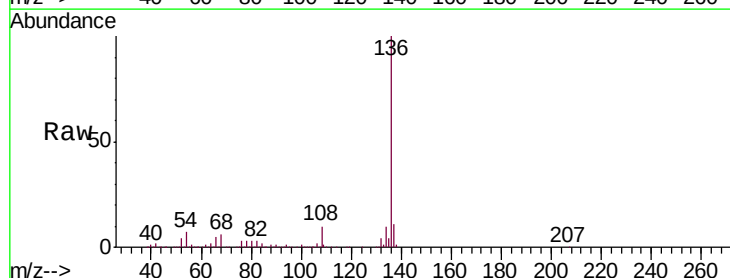
Instrument :
BNA_F
ClientSampleId :
20200055-COMPOSITE-1

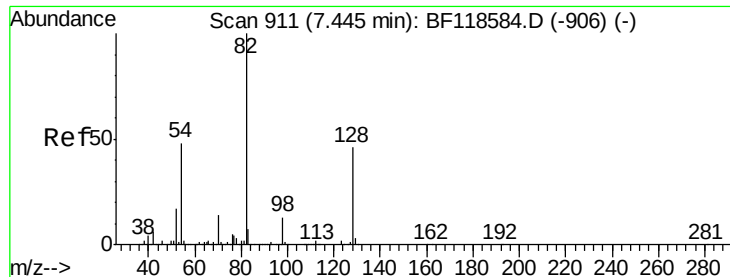
Tgt Ion: 70 Resp: 146172
Ion Ratio Lower Upper
70 100
42 43.3 43.4 65.0#
101 0.0 8.1 12.1#
130 2.3 17.6 26.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.02 min
Lab File: BF118704.D
Acq: 24 Jan 2020 23:55

Tgt Ion: 136 Resp: 921946
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 6.6 5.8 8.6
68 6.0 5.0 7.4

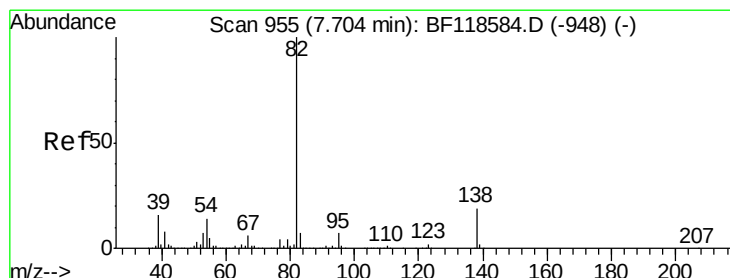
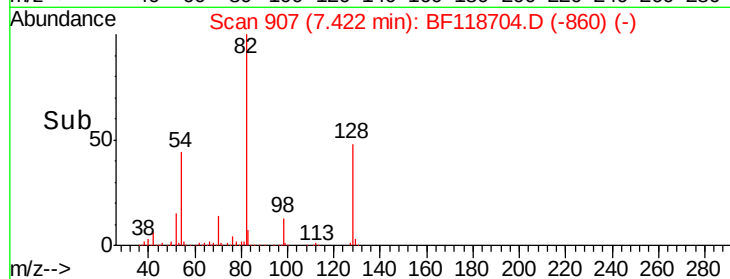
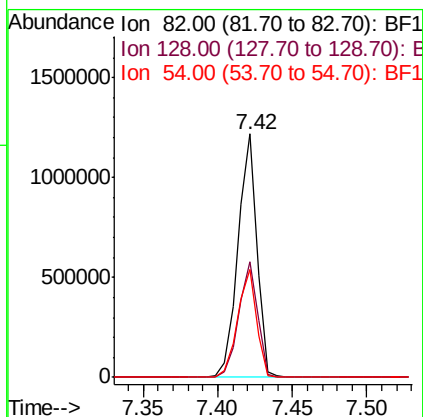
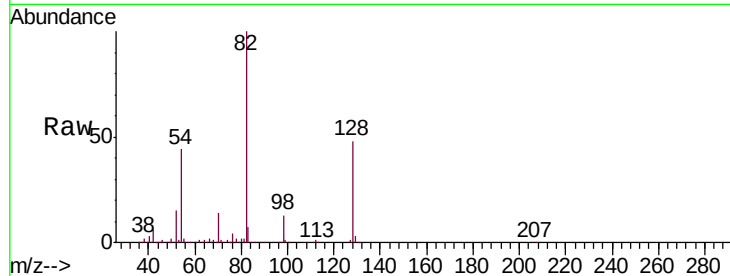




#23
 Nitrobenzene-d5
 Concen: 65.874 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.02 min
 Lab File: BF118704.D
 Acq: 24 Jan 2020 23:55

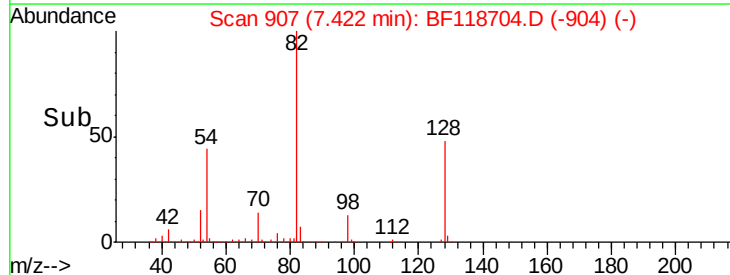
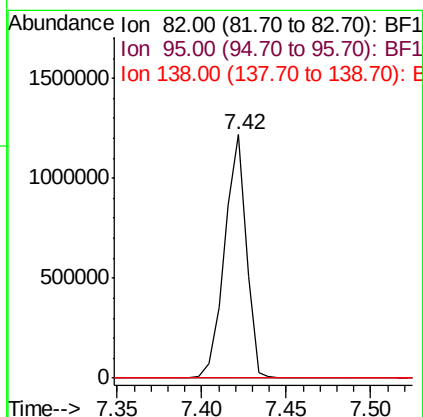
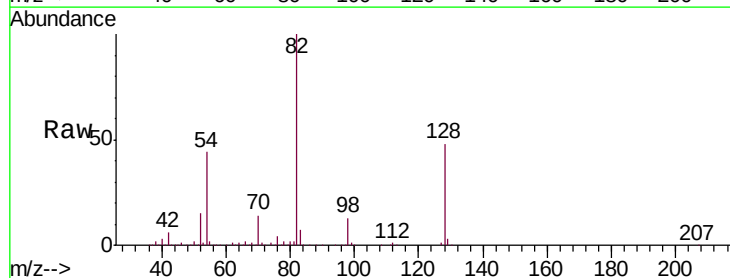
Instrument :
 BNA_F
 ClientSampleId :
 20200055-COMPOSITE-1

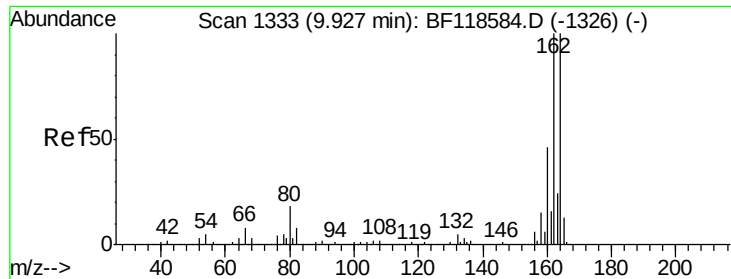
Tgt Ion: 82 Resp: 1085788
 Ion Ratio Lower Upper
 82 100
 128 47.7 36.6 54.8
 54 44.4 38.0 57.0



#25
 Isophorone
 Concen: 36.051 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.28 min
 Lab File: BF118704.D
 Acq: 24 Jan 2020 23:55

Tgt Ion: 82 Resp: 1083832
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.9 8.9#
 138 0.0 15.3 22.9#

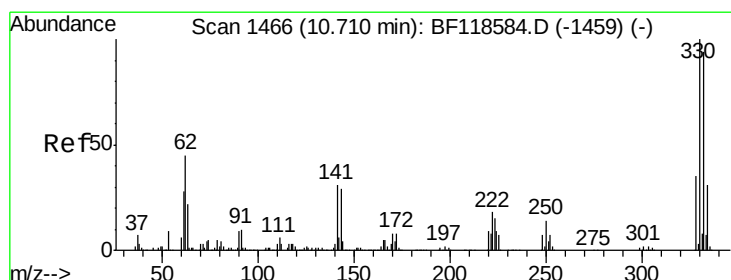
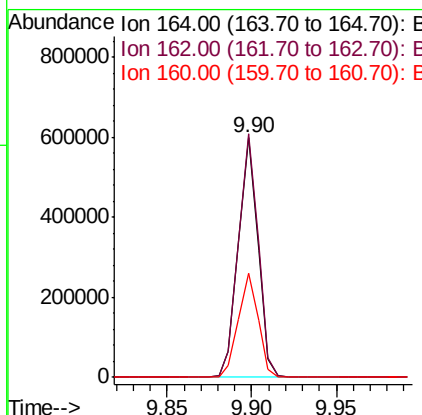
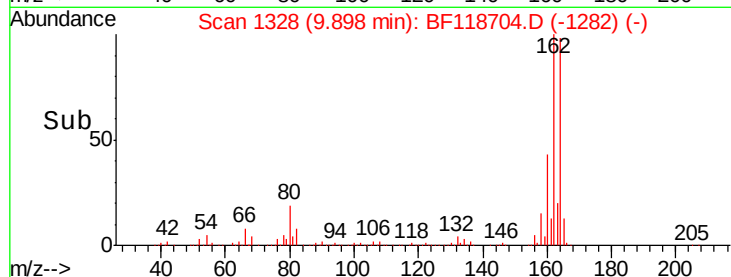
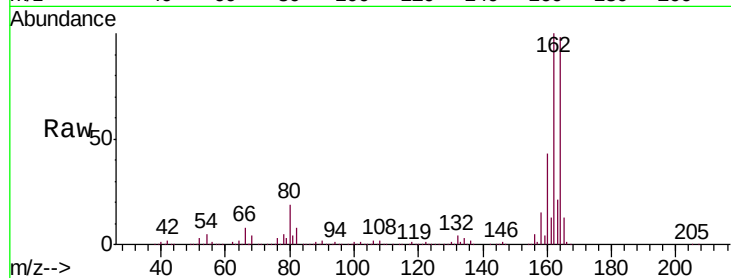




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.03 min
 Lab File: BF118704.D
 Acq: 24 Jan 2020 23:55

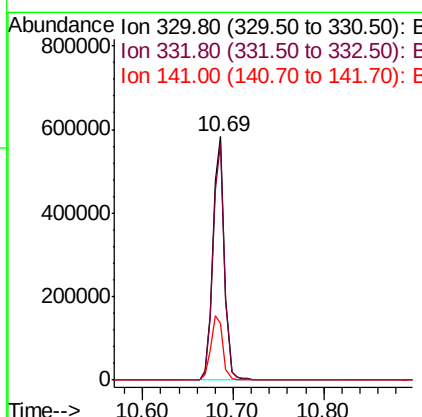
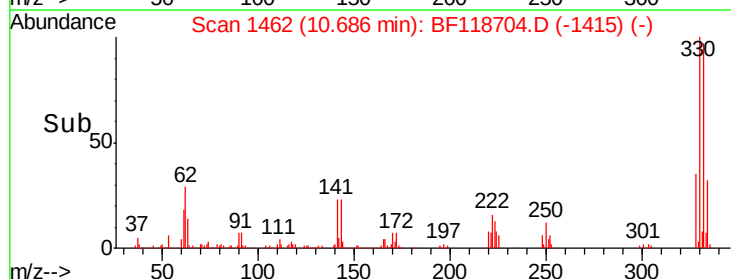
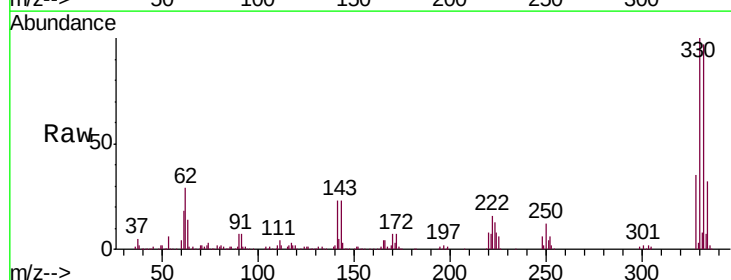
Instrument :
 BNA_F
 ClientSampleId :
 20200055-COMPOSITE-1

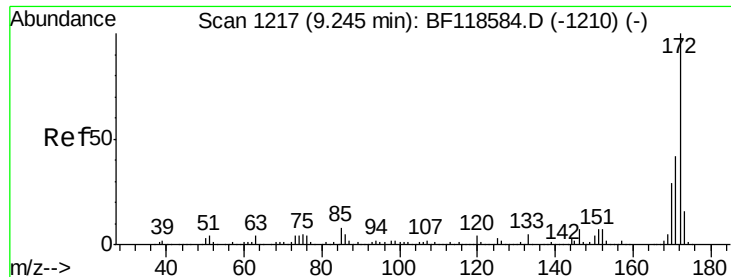
Tgt Ion:	164	Resp:	485289
Ion	Ratio	Lower	Upper
164	100		
162	101.6	80.4	120.6
160	43.2	36.6	55.0



#42
 2,4,6-Tribromophenol
 Concen: 93.390 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.02 min
 Lab File: BF118704.D
 Acq: 24 Jan 2020 23:55

Tgt Ion:	330	Resp:	524198
Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.2	114.4
141	27.9	23.9	35.9

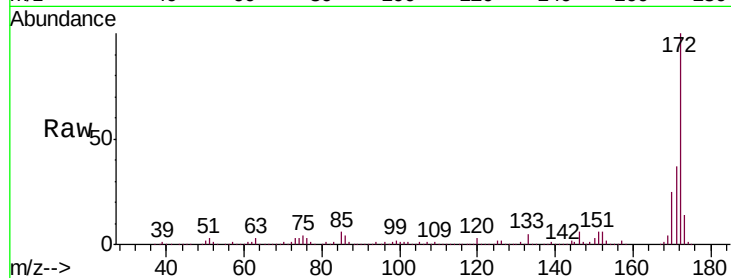




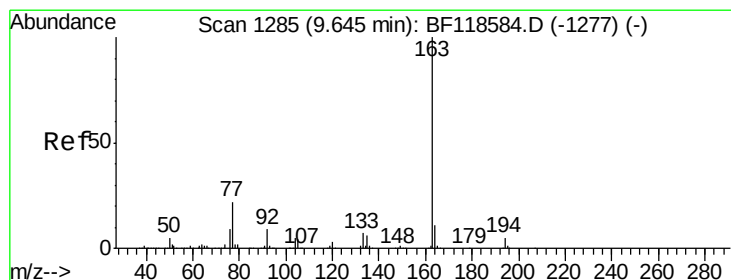
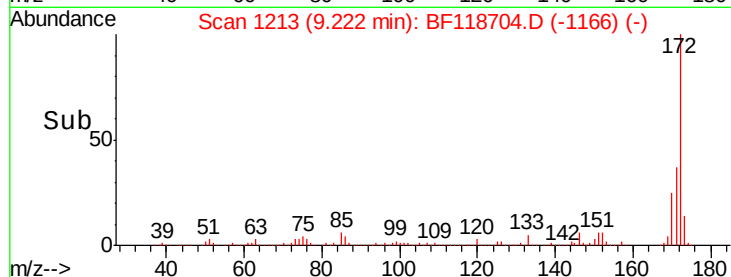
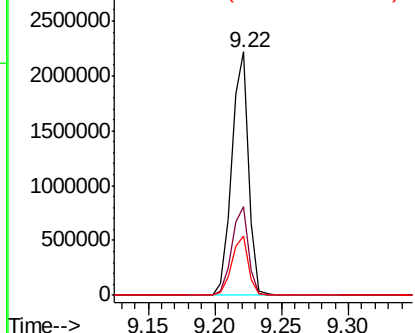
#45
 2-Fluorobiphenyl
 Concen: 66.840 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.02 min
 Lab File: BF118704.D
 Acq: 24 Jan 2020 23:55

Instrument :
 BNA_F
 ClientSampleId :
 20200055-COMPOSITE-1

Tgt Ion:172 Resp: 1973494
 Ion Ratio Lower Upper
 172 100
 171 36.6 33.4 50.2
 170 24.5 23.2 34.8

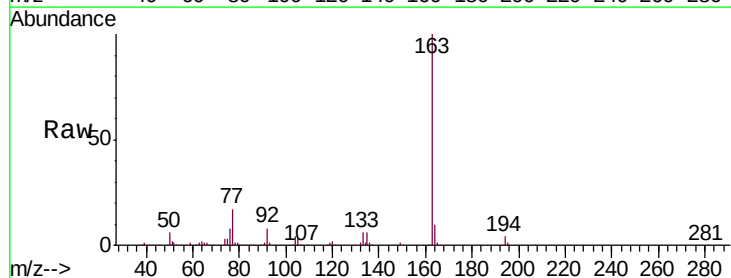


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

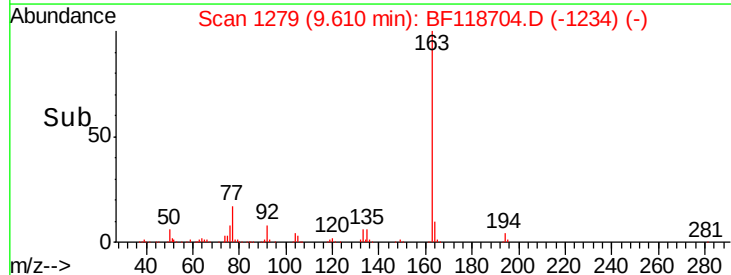
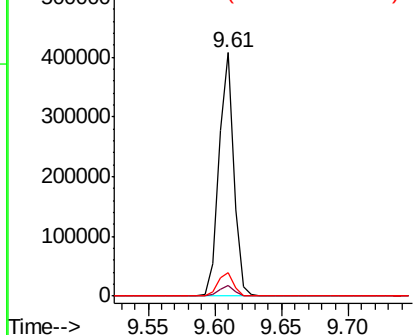


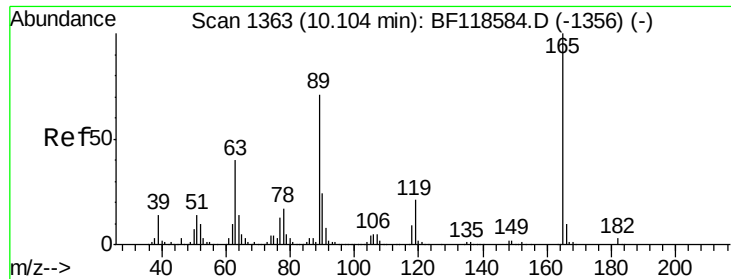
#50
 Dimethylphthalate
 Concen: 10.151 ng
 RT: 9.61 min Scan# 1279
 Delta R.T. -0.04 min
 Lab File: BF118704.D
 Acq: 24 Jan 2020 23:55

Tgt Ion:163 Resp: 320935
 Ion Ratio Lower Upper
 163 100
 194 4.5 3.9 5.9
 164 9.8 9.1 13.7



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

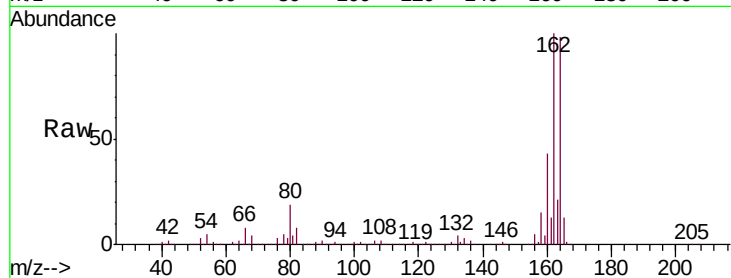




#57
 2,4-Dinitrotoluene
 Concen: 7.100 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.21 min
 Lab File: BF118704.D
 Acq: 24 Jan 2020 23:55

Instrument :
 BNA_F
 ClientSampleId :
 20200055-COMPOSITE-1

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.7	32.4	48.6#
89	1.2	56.4	84.6#
182	0.0	2.3	3.5#



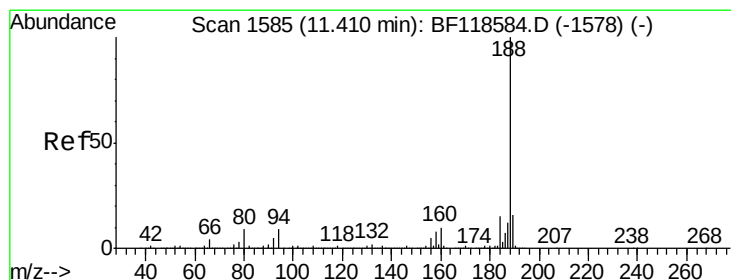
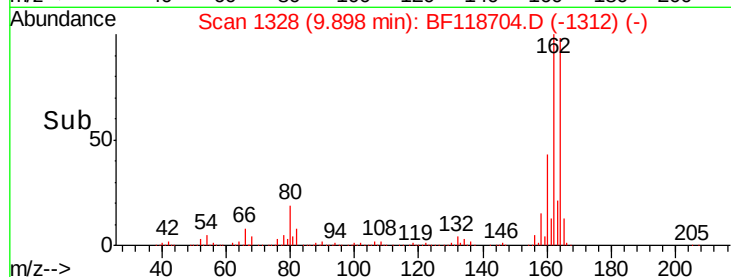
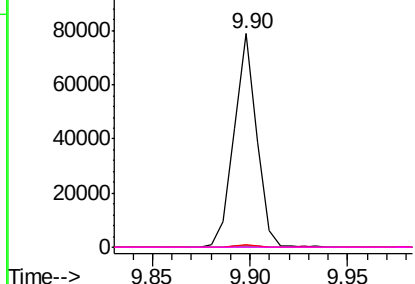
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

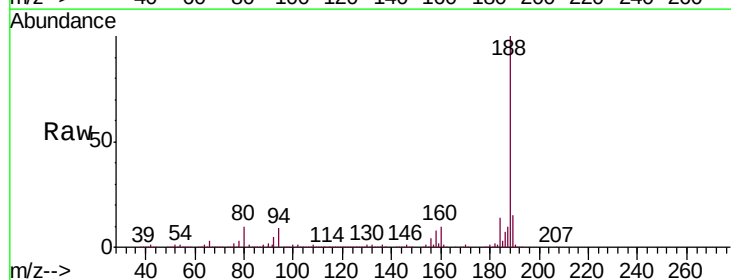
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.38 min Scan# 1580
 Delta R.T. -0.03 min
 Lab File: BF118704.D
 Acq: 24 Jan 2020 23:55

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.1	10.7
80	9.5	7.5	11.3

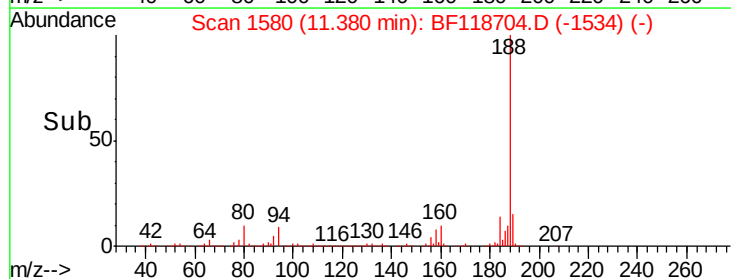
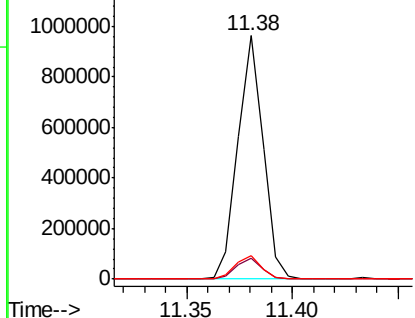


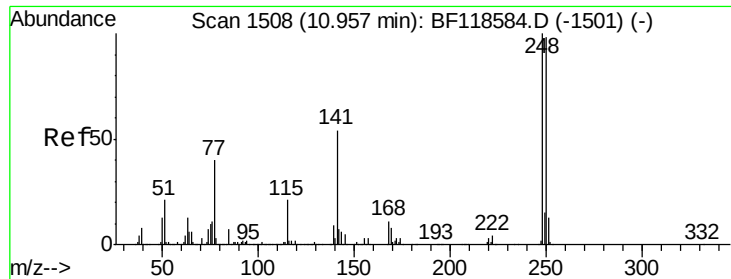
Abundance

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

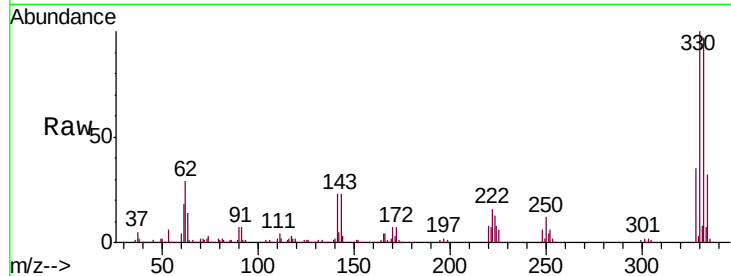




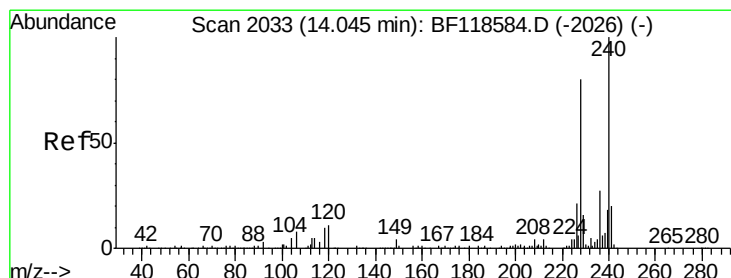
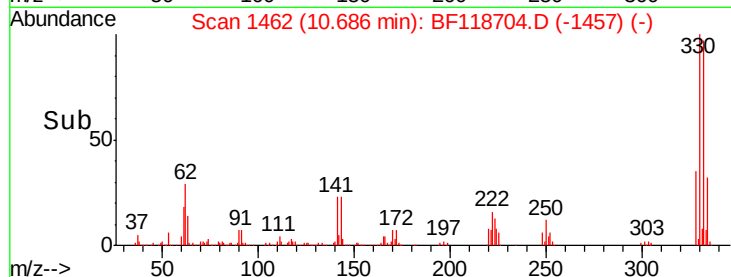
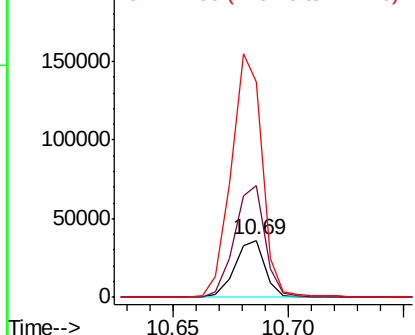
#67
4-Bromophenyl-phenylether
Concen: 3.354 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.27 min
Lab File: BF118704.D
Acq: 24 Jan 2020 23:55

Instrument :
BNA_F
ClientSampleId :
20200055-COMPOSITE-1

Tgt Ion:248 Resp: 33085
Ion Ratio Lower Upper
248 100
250 195.2 78.7 118.1#
141 375.6 43.2 64.8#

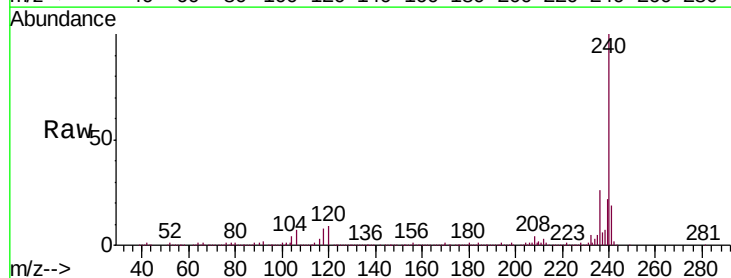


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

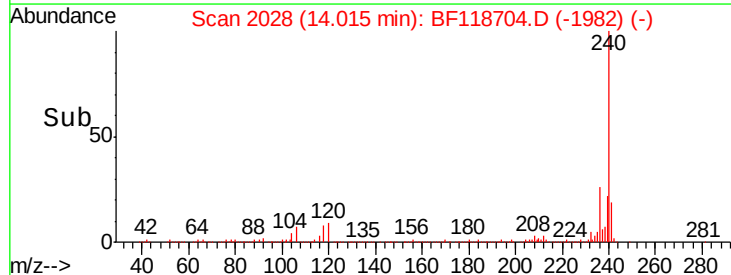
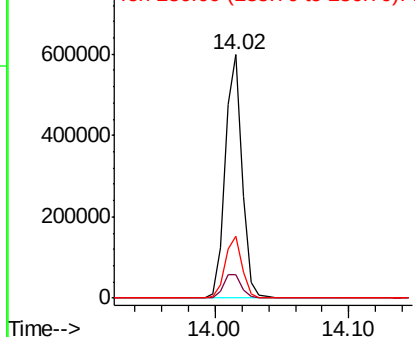


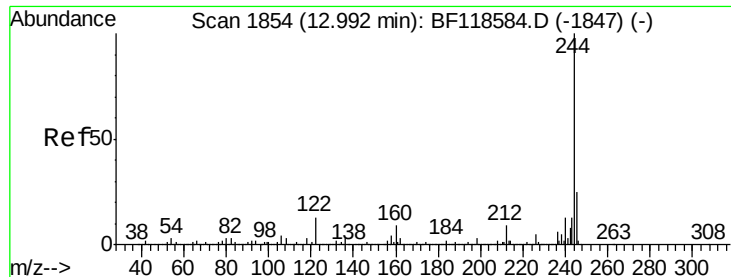
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.03 min
Lab File: BF118704.D
Acq: 24 Jan 2020 23:55

Tgt Ion:240 Resp: 535379
Ion Ratio Lower Upper
240 100
120 9.4 8.9 13.3
236 25.6 21.5 32.3



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: 73.027 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.03 min

Lab File: BF118704.D

Acq: 24 Jan 2020 23:55

Instrument :

BNA_F

ClientSampleId :

20200055-COMPOSITE-1

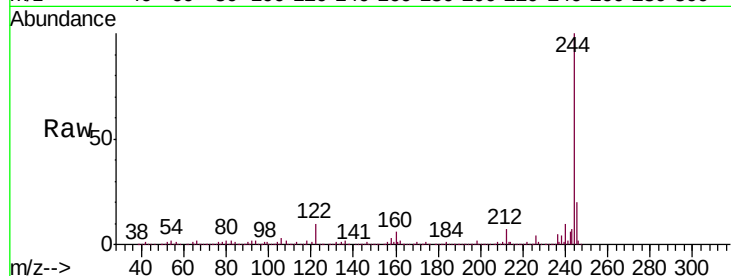
Tgt Ion:244 Resp: 1792552

Ion Ratio Lower Upper

244 100

212 6.8 7.0 10.4#

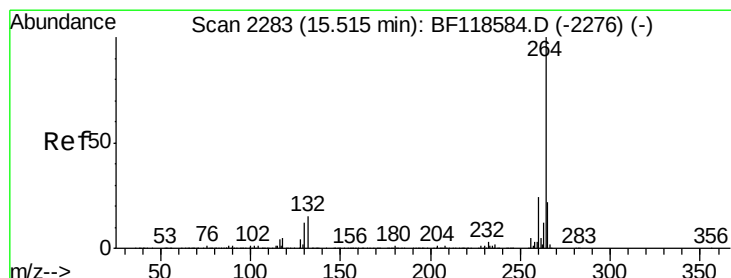
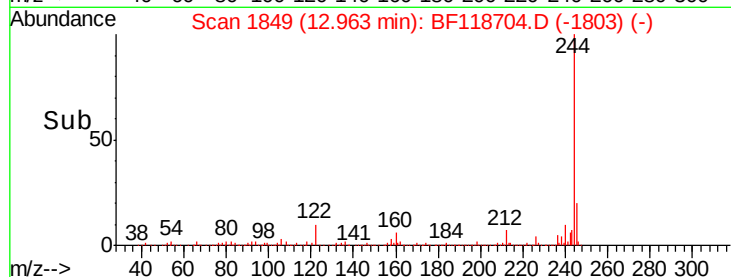
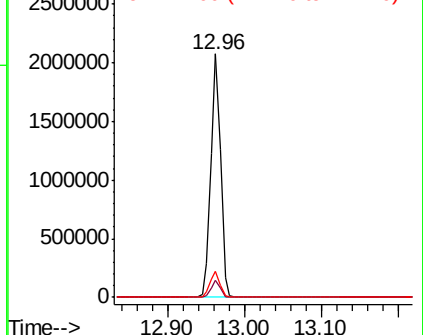
122 10.5 10.7 16.1#



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: 15.48 min Scan# 2277

Delta R.T. -0.04 min

Lab File: BF118704.D

Acq: 24 Jan 2020 23:55

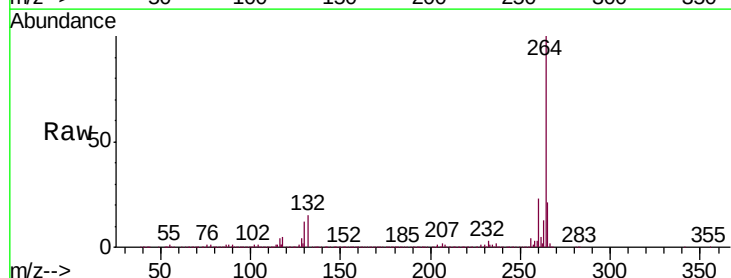
Tgt Ion:264 Resp: 656971

Ion Ratio Lower Upper

264 100

260 23.2 19.6 29.4

265 20.9 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

