

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012720\
 Data File : BF118720.D
 Acq On : 27 Jan 2020 15:46
 Operator : CG/JU
 Sample : L1258-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 27 16:45:29 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 27 14:24:10 2020
 Response via : Initial Calibration

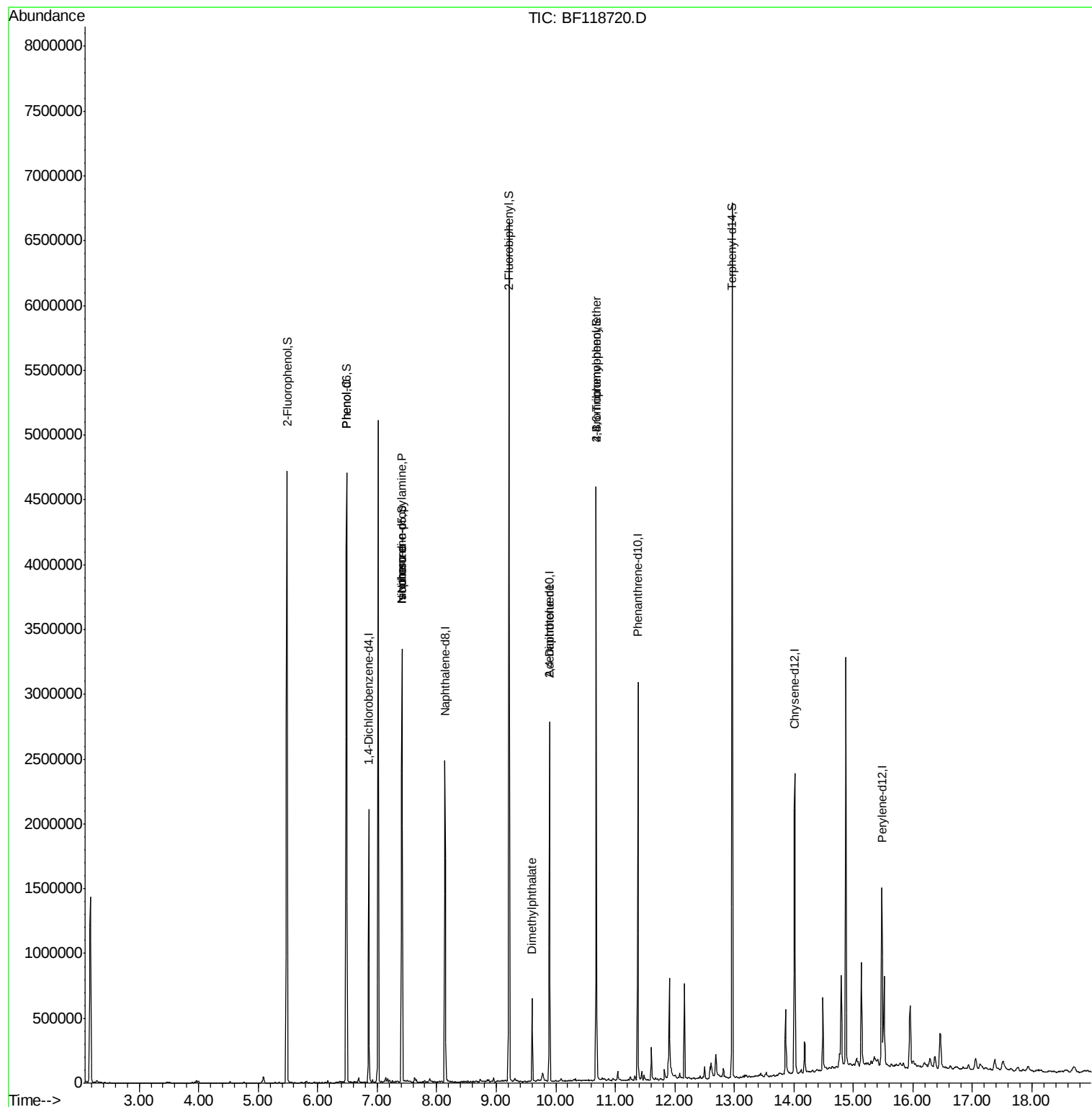
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	314350	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	1158989	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	620992	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	1111862	20.00	ng	0.00
76) Chrysene-d12	14.02	240	770719	20.00	ng	0.00
87) Perylene-d12	15.48	264	698035	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1509226	89.17	ng	0.00
7) Phenol-d6	6.49	99	1831161	83.24	ng	0.00
23) Nitrobenzene-d5	7.42	82	1151225	55.56	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	615952	85.76	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	2116572	56.02	ng	0.00
79) Terphenyl-d14	12.96	244	2423252	68.58	ng	0.00
Target Compounds						
10) Phenol	6.49	94	57432	2.291	ng	# 73
19) n-Nitroso-di-n-propylamine	7.42	70	156625	10.544	ng	# 77
25) Isophorone	7.42	82	1148277	30.383	ng	# 63
50) Dimethylphthalate	9.60	163	244350	6.040	ng	100
57) 2,4-Dinitrotoluene	9.89	165	79797	6.987	ng	# 30
67) 4-Bromophenyl-phenylether	10.68	248	39702	2.890	ng	# 1

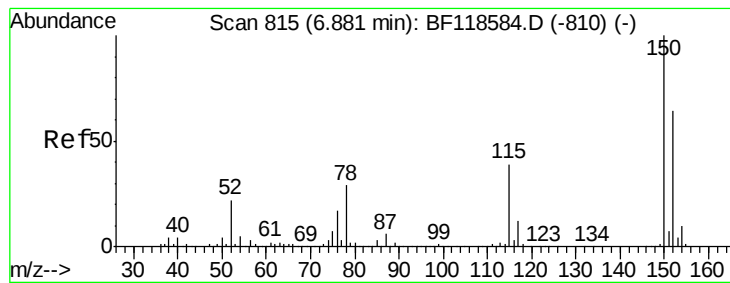
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012720\
Data File : BF118720.D
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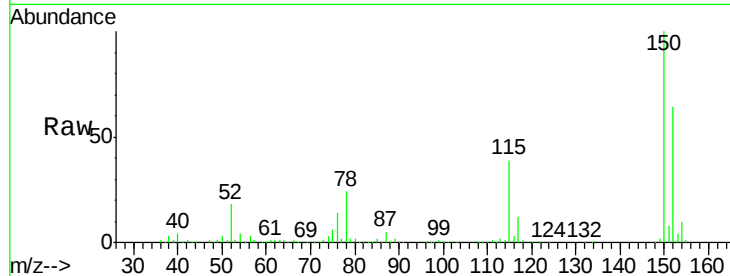


#1

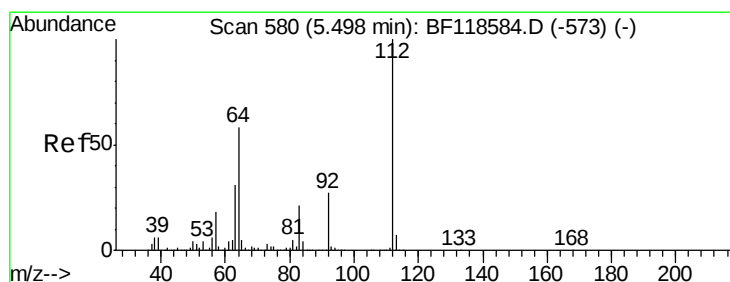
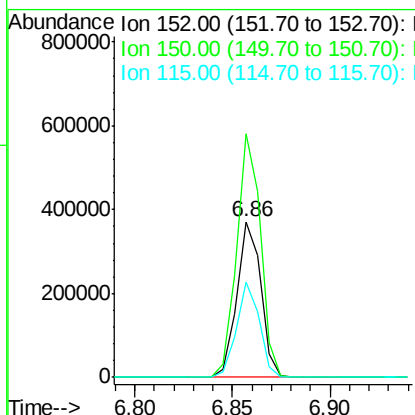
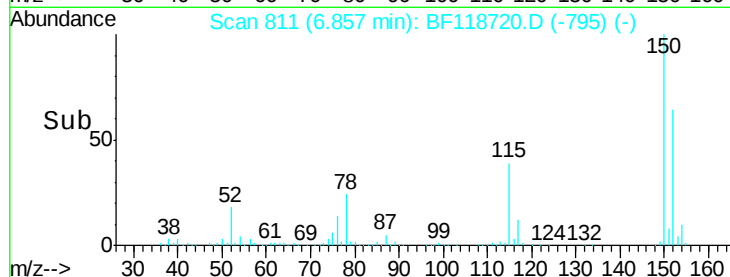
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF118720.D
Acq: 27 Jan 2020 15:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	123.7	185.5
115	61.2	45.1	67.7



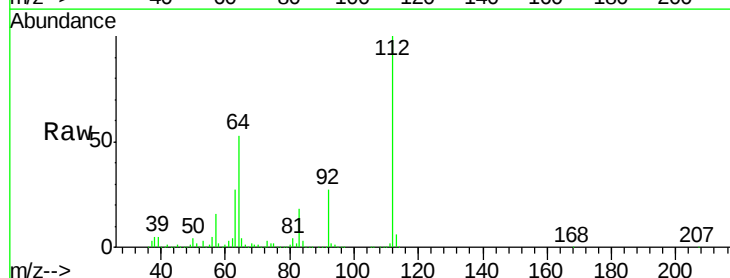
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



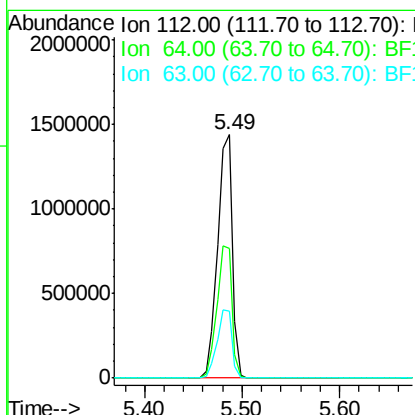
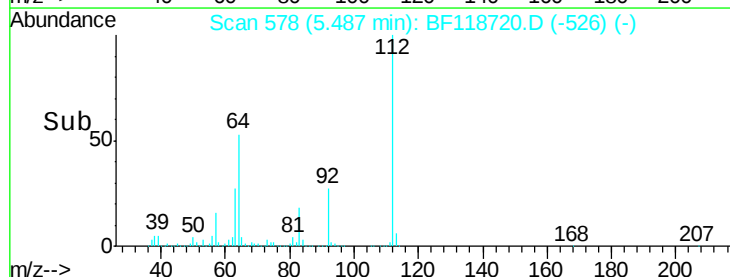
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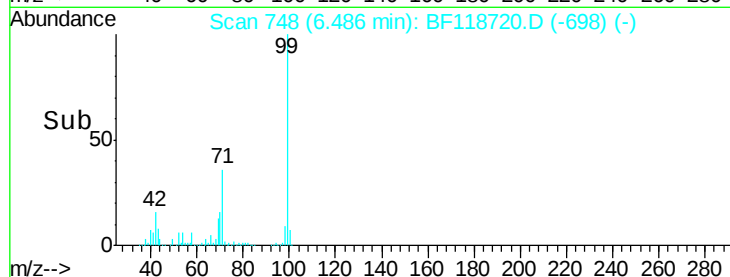
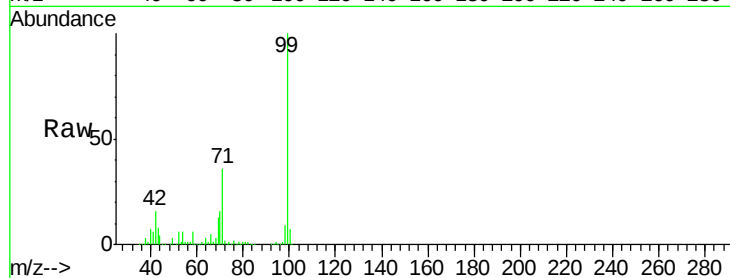
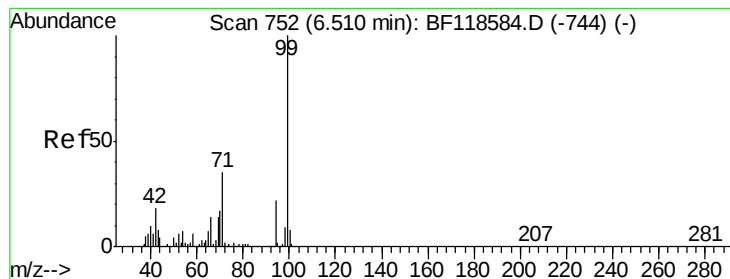
2-Fluorophenol
Concen: 89.169 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF118720.D
Acq: 27 Jan 2020 15:46

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.2	42.4	63.6
63	27.5	21.7	32.5



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: 83.239 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF118720.D

Acq: 27 Jan 2020 15:46

Instrument :

BNA_F

ClientSampleId :

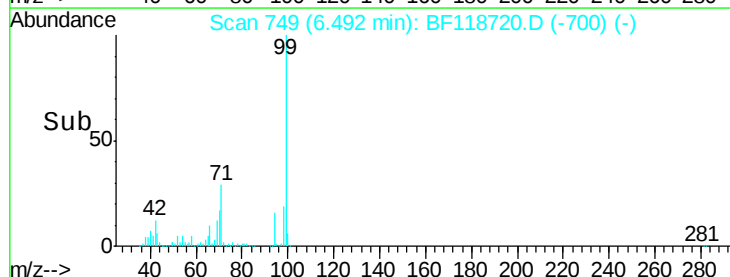
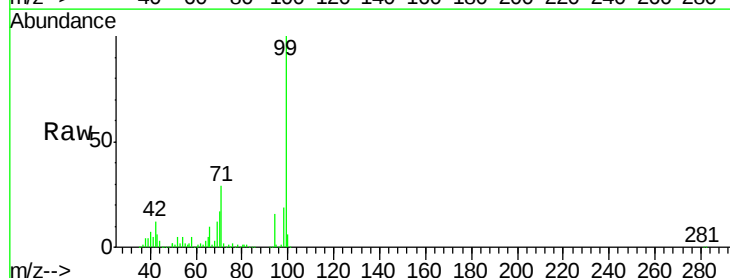
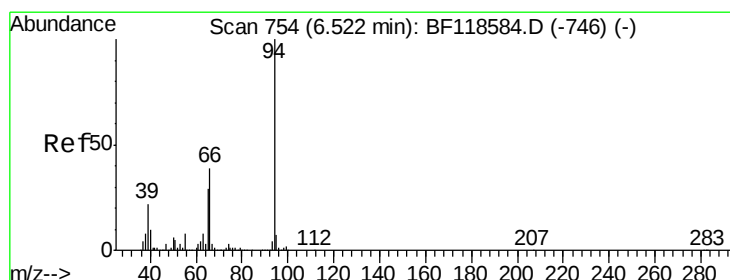
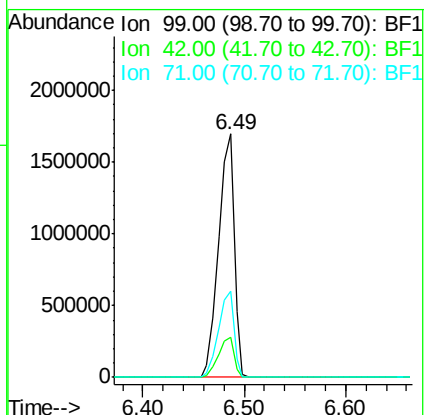
Tot Ion: 99 Resp: 1831161

Ion Ratio Lower Upper

99 100

42 16.3 13.1 19.7

71 35.6 28.4 42.6



#10

Phenol

Concen: 2.291 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF118720.D

Acq: 27 Jan 2020 15:46

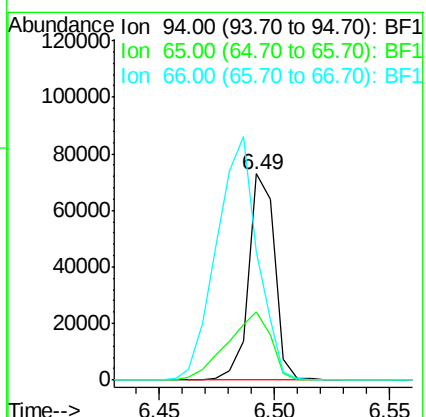
Tgt Ion: 94 Resp: 57432

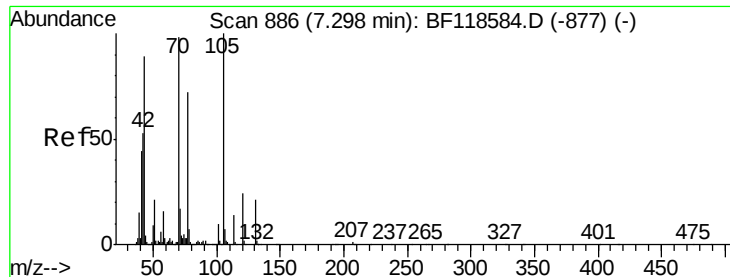
Ion Ratio Lower Upper

94 100

65 33.2 7.9 47.9

66 62.5 19.1 59.1#

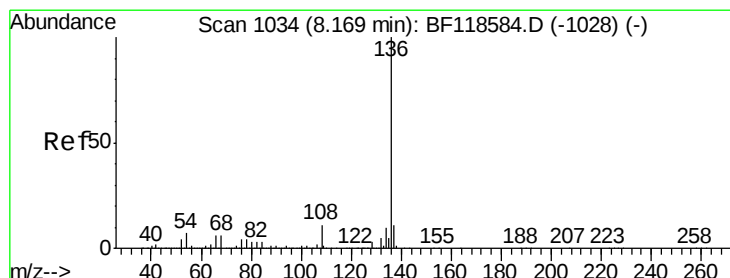
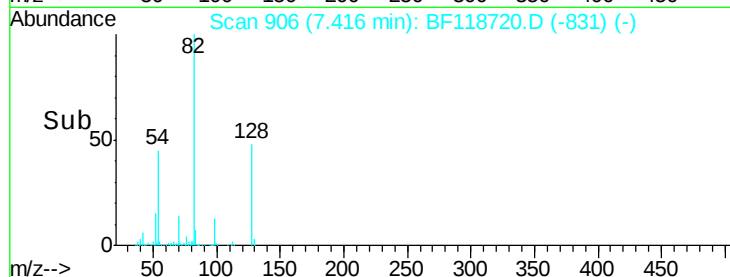
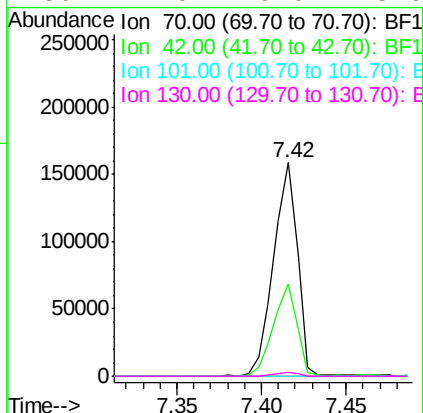
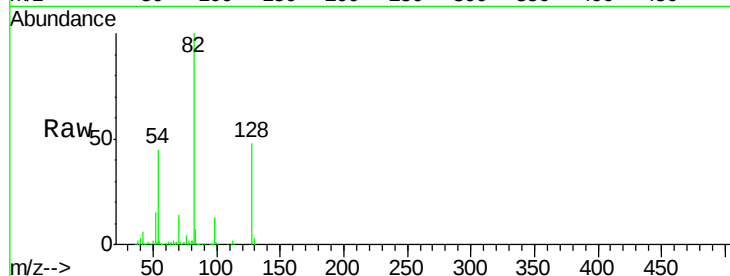




#19
n-Nitroso-di-n-propylamine
Concen: 10.544 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.14 min
Lab File: BF118720.D
Acq: 27 Jan 2020 15:46

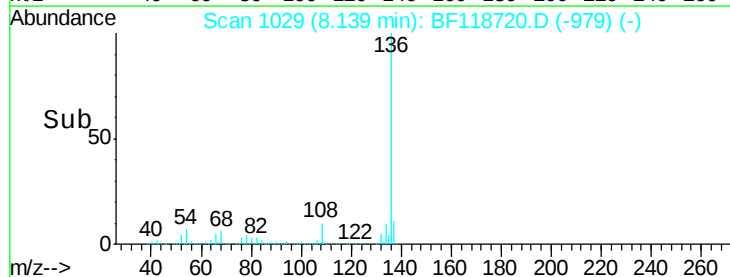
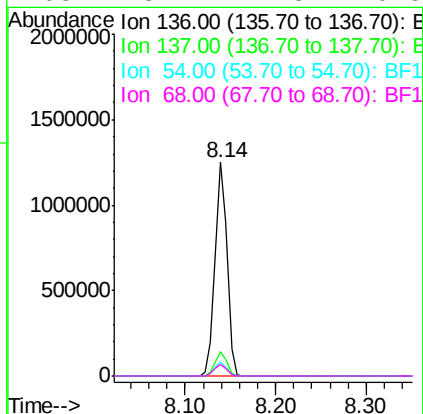
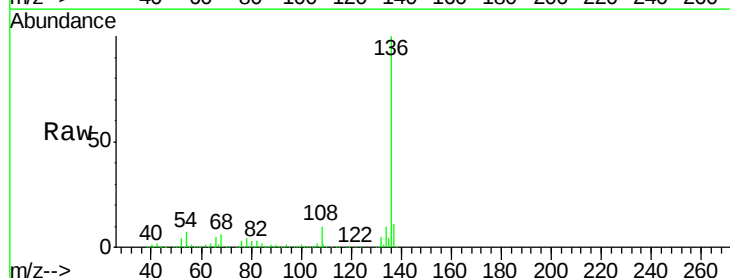
Instrument :
BNA_F
ClientSampled :

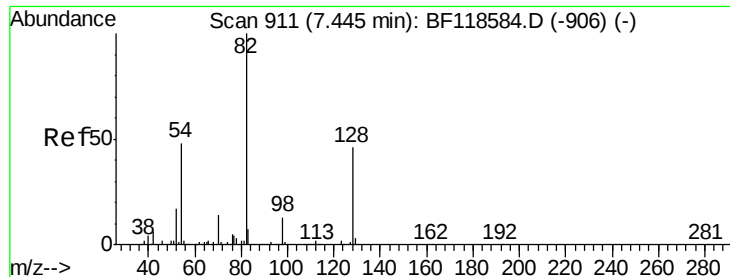
Tot Ion: 70 Resp: 156625
Ion Ratio Lower Upper
70 100
42 43.0 41.6 62.4
101 0.0 7.9 11.9#
130 2.0 19.0 28.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF118720.D
Acq: 27 Jan 2020 15:46

Tgt Ion: 136 Resp: 1158989
Ion Ratio Lower Upper
136 100
137 11.3 8.9 13.3
54 6.9 5.1 7.7
68 5.7 4.3 6.5



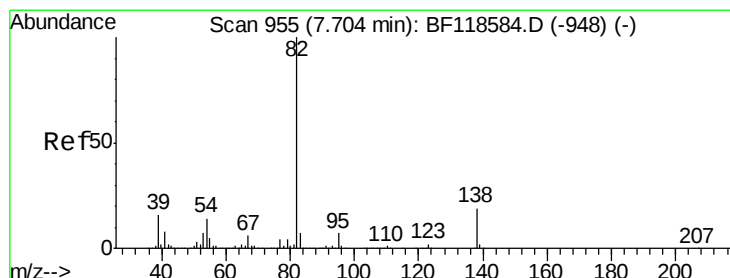
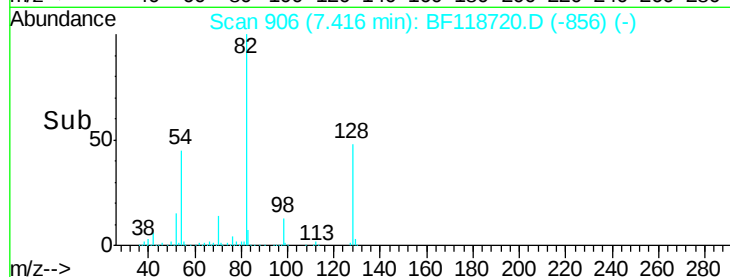
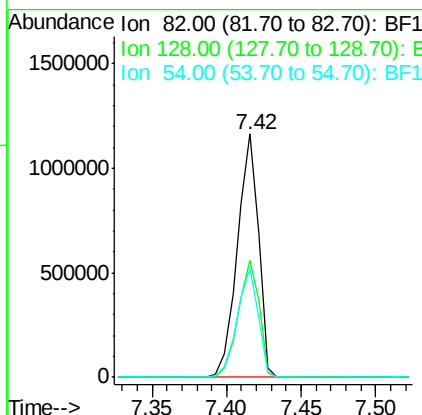
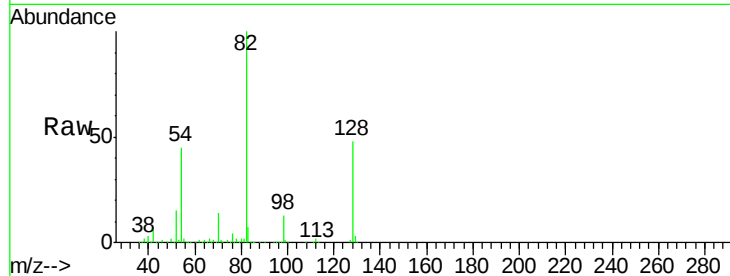


#23
 Nitrobenzene-d5
 Concen: 55.559 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BF118720.D
 Acq: 27 Jan 2020 15:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1151225

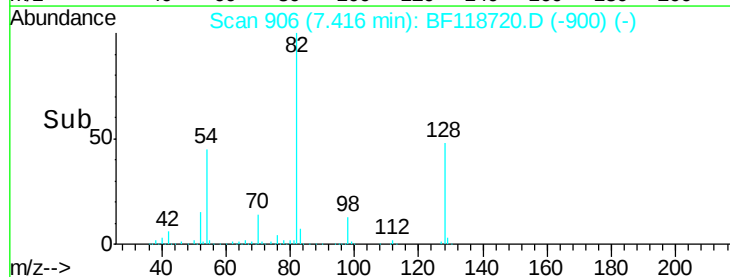
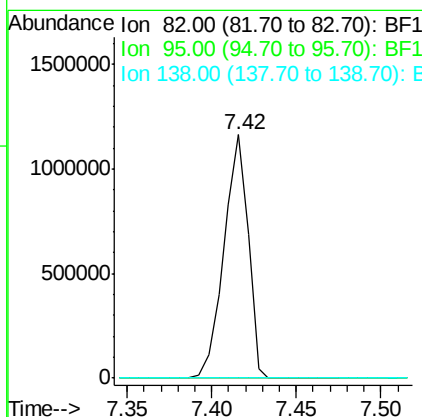
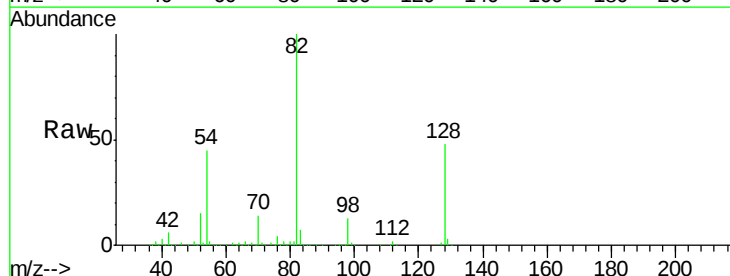
Ion	Ratio	Lower	Upper
82	100		
128	48.1	38.2	57.2
54	44.9	36.1	54.1

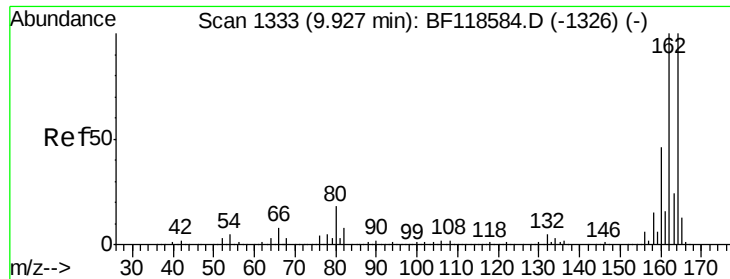


#25
 Isophorone
 Concen: 30.383 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.26 min
 Lab File: BF118720.D
 Acq: 27 Jan 2020 15:46

Tgt Ion: 82 Resp: 1148277

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.8#
138	0.0	15.8	23.8#

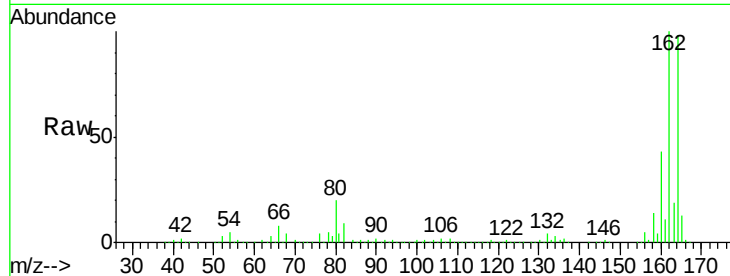




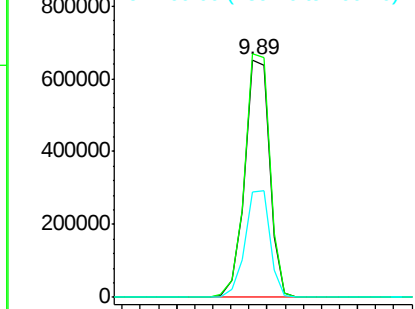
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF118720.D
Acq: 27 Jan 2020 15:46

Instrument :
BNA_F
ClientSampleId :

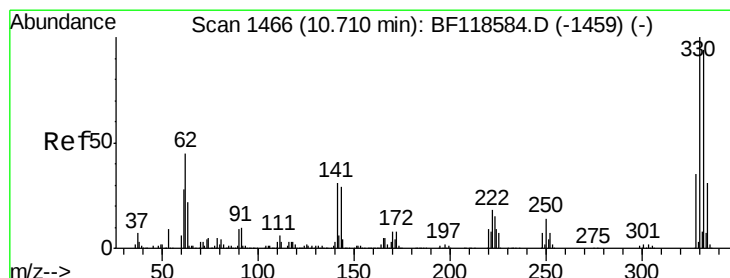
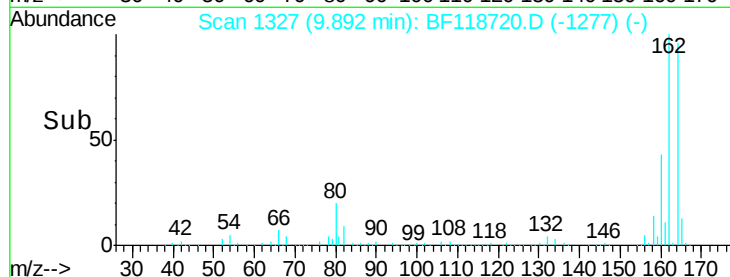
Tot Ion:164 Resp: 620992
Ion Ratio Lower Upper
164 100
162 102.4 80.8 121.2
160 44.1 35.4 53.0



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

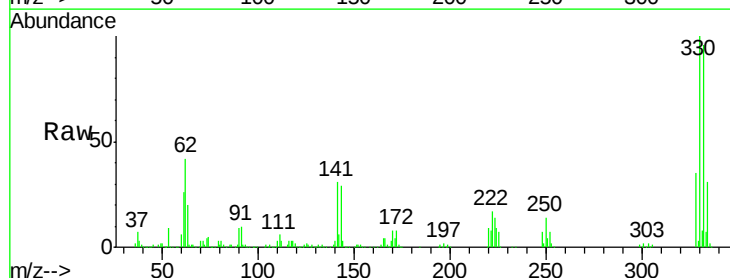


Time-->

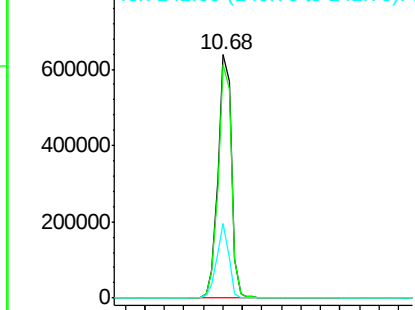


#42
2,4,6-Tribromophenol
Concen: 85.757 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.01 min
Lab File: BF118720.D
Acq: 27 Jan 2020 15:46

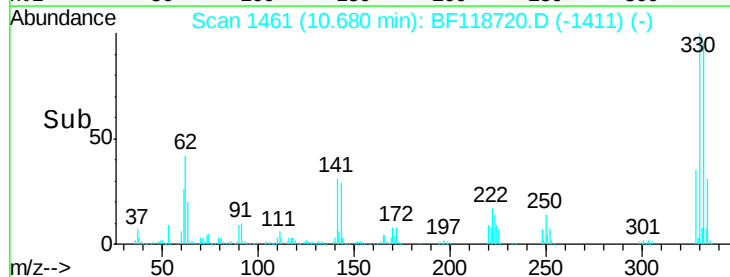
Tgt Ion:330 Resp: 615952
Ion Ratio Lower Upper
330 100
332 95.6 77.6 116.4
141 27.7 22.2 33.2

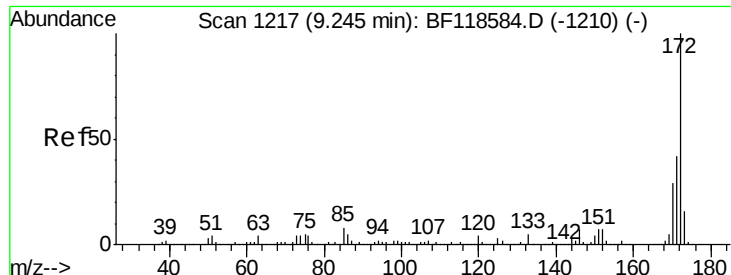


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



Time-->

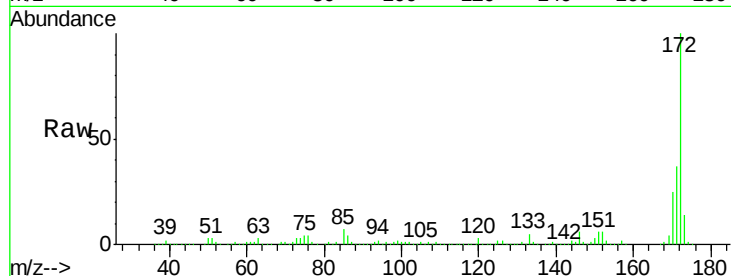




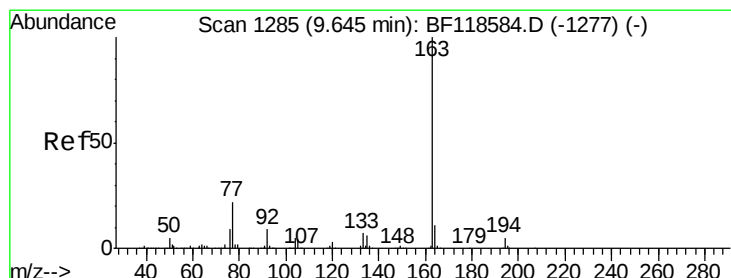
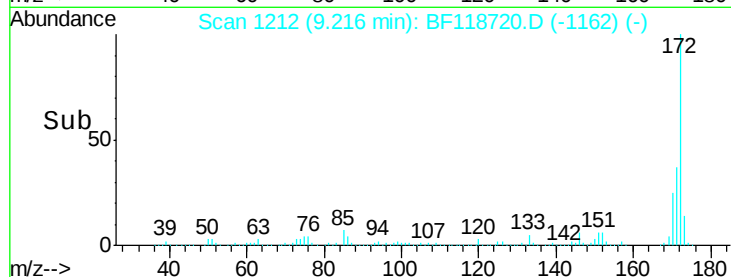
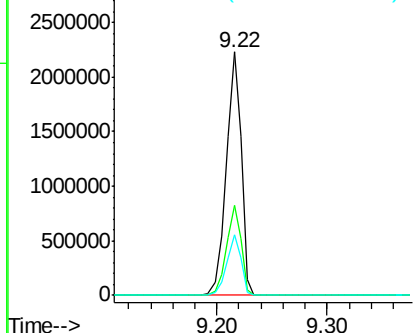
#45
2-Fluorobiphenyl
Concen: 56.021 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF118720.D
Acq: 27 Jan 2020 15:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 2116572
Ion Ratio Lower Upper
172 100
171 37.1 31.0 46.4
170 24.8 20.7 31.1

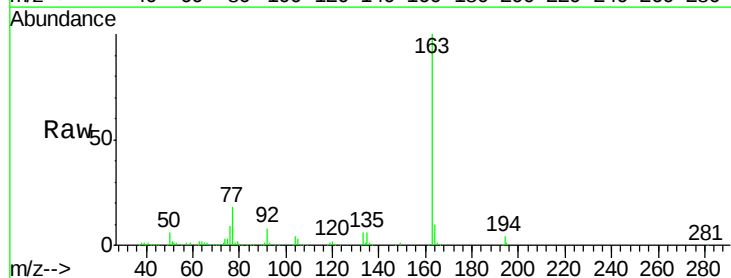


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

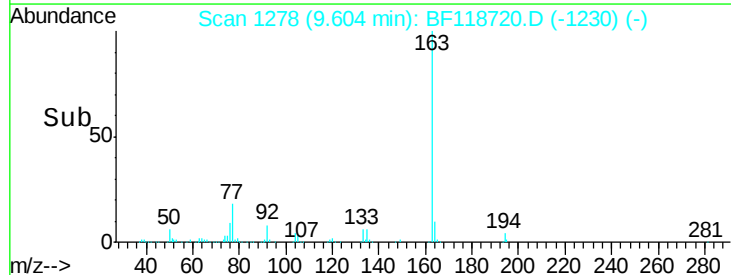
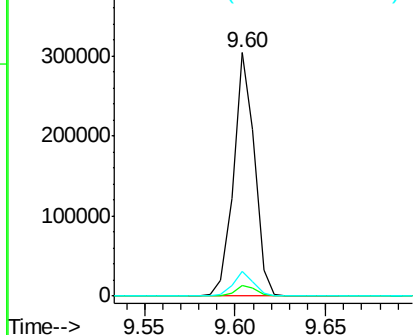


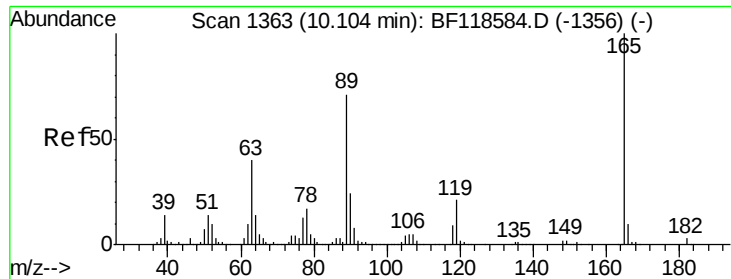
#50
Dimethylphthalate
Concen: 6.040 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.02 min
Lab File: BF118720.D
Acq: 27 Jan 2020 15:46

Tgt Ion:163 Resp: 244350
Ion Ratio Lower Upper
163 100
194 4.3 3.7 5.5
164 10.2 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

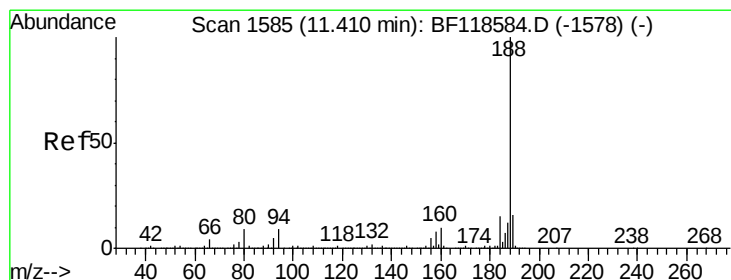
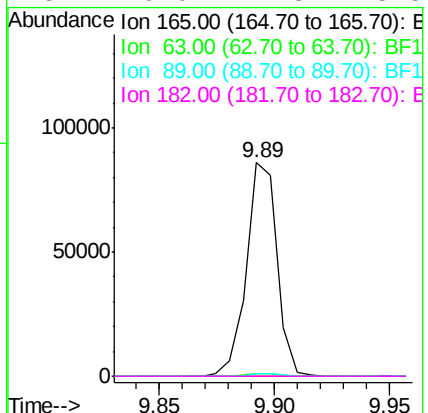
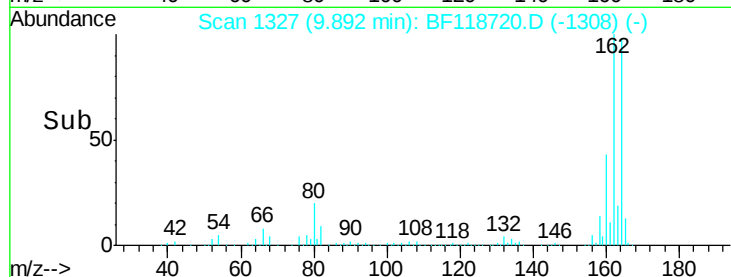
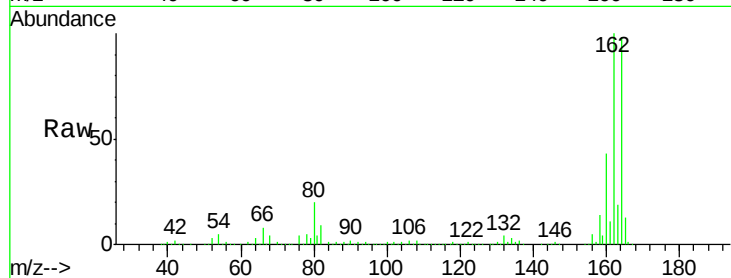




#57
 2,4-Dinitrotoluene
 Concen: 6.987 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.19 min
 Lab File: BF118720.D
 Acq: 27 Jan 2020 15:46

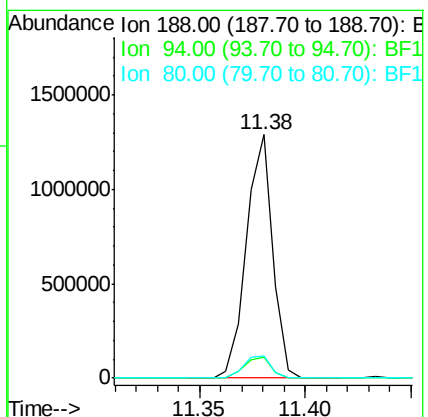
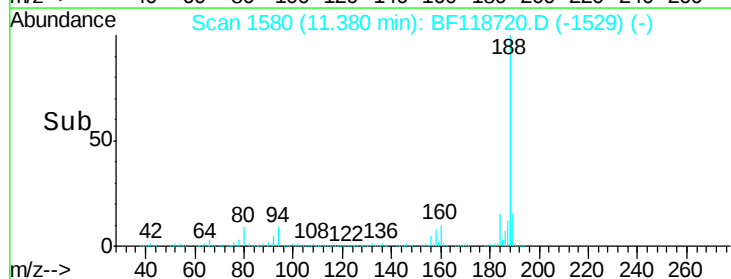
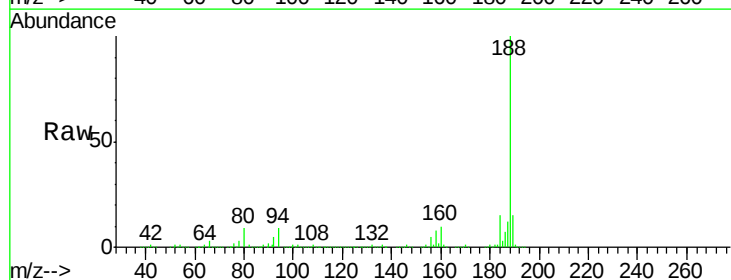
Instrument :
 BNA_F
 ClientSampleId :

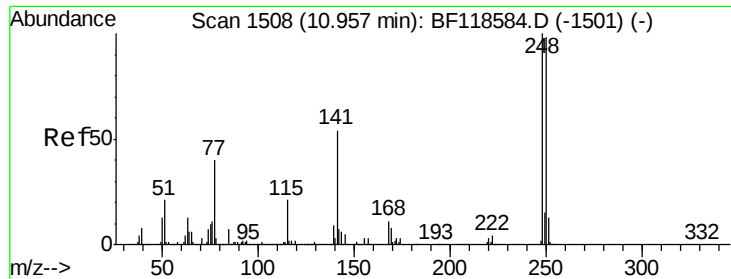
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	28.5	42.7#
89	1.2	50.4	75.6#
182	0.0	2.3	3.5#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.38 min Scan# 1580
 Delta R.T. -0.00 min
 Lab File: BF118720.D
 Acq: 27 Jan 2020 15:46

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.4	11.2
80	9.1	7.8	11.8

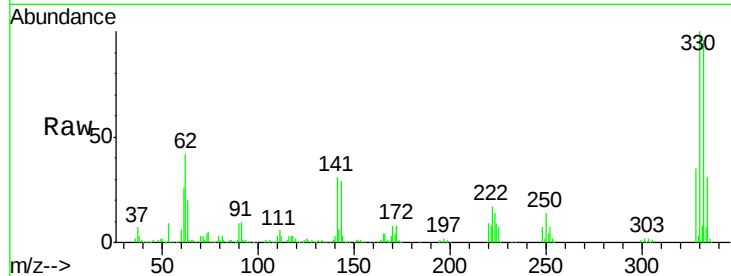




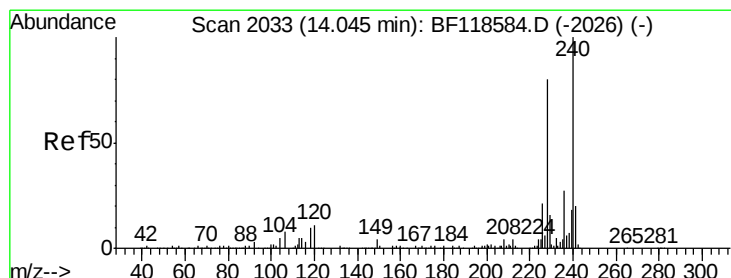
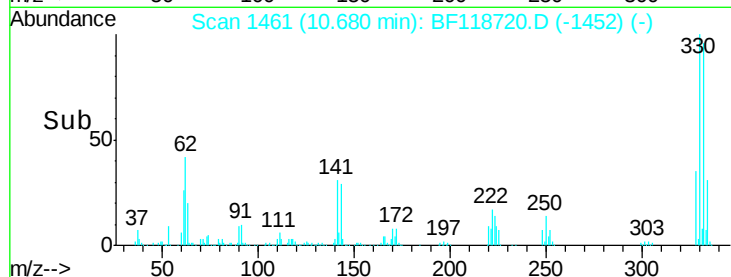
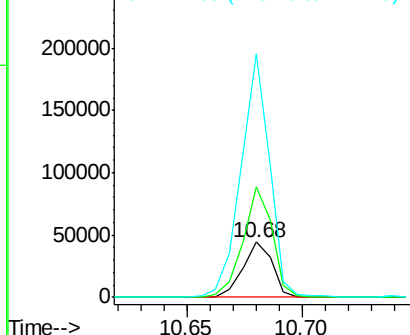
#67
4-Bromophenyl-phenylether
Concen: 2.890 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.25 min
Lab File: BF118720.D
Acq: 27 Jan 2020 15:46

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 39702
Ion Ratio Lower Upper
248 100
250 200.5 78.7 118.1#
141 443.7 48.4 72.6#

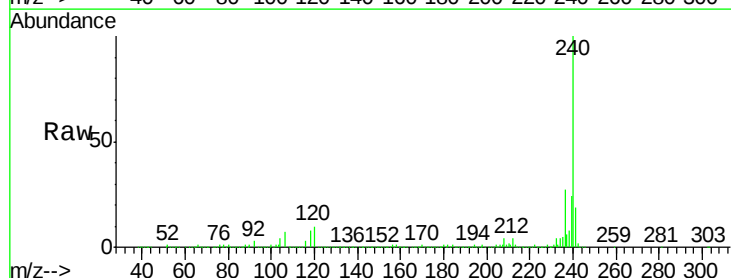


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

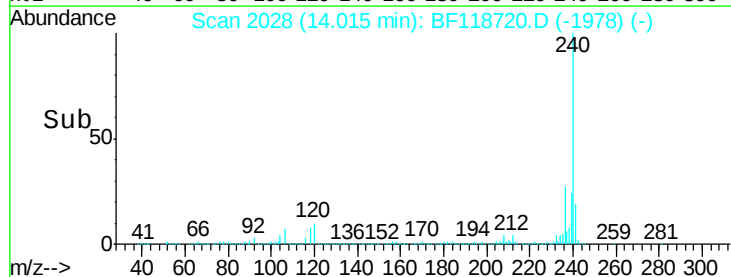
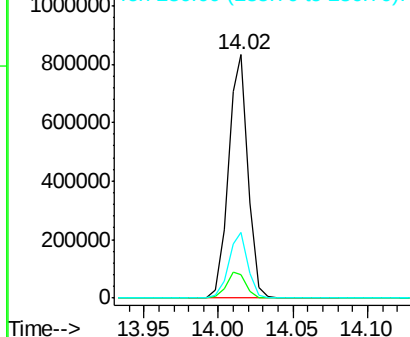


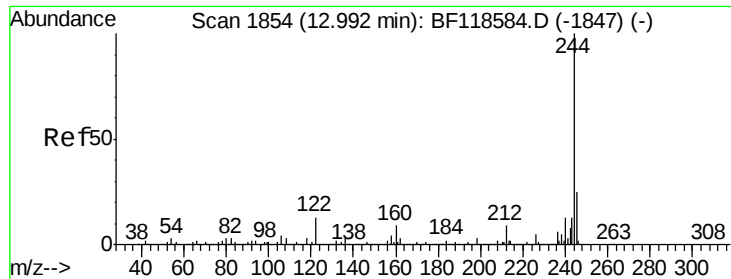
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF118720.D
Acq: 27 Jan 2020 15:46

Tgt Ion:240 Resp: 770719
Ion Ratio Lower Upper
240 100
120 9.7 7.6 11.4
236 26.8 21.0 31.4



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

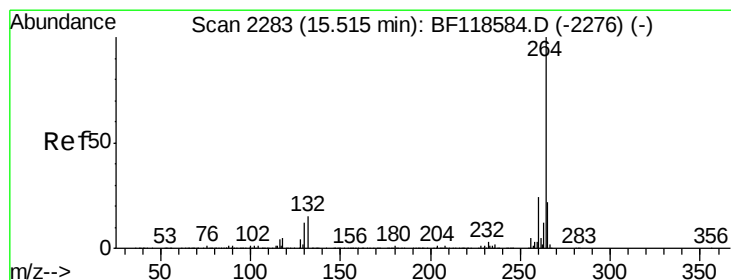
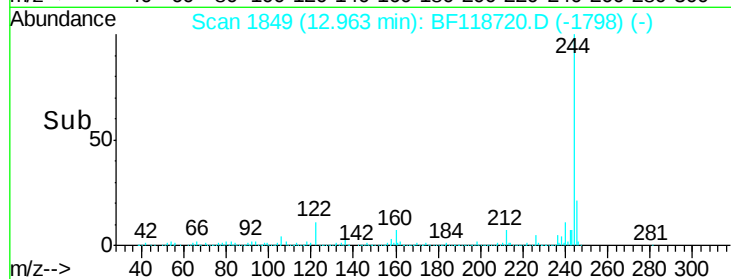
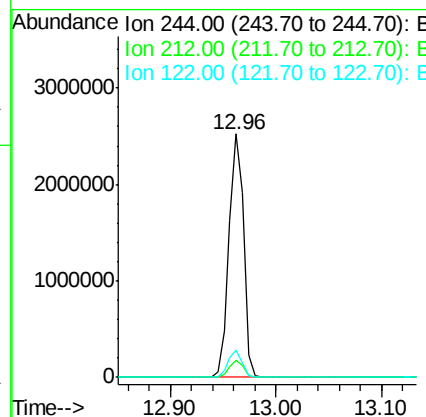
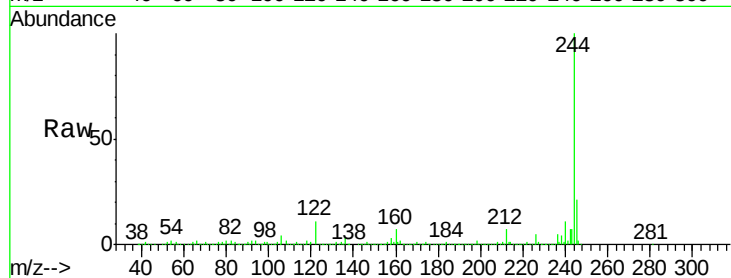




#79
 Terphenyl-d14
 Concen: 68.577 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. -0.00 min
 Lab File: BF118720.D
 Acq: 27 Jan 2020 15:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 2423252
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.3 9.5
 122 11.2 9.2 13.8



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2277
 Delta R.T. -0.00 min
 Lab File: BF118720.D
 Acq: 27 Jan 2020 15:46

Tgt Ion:264 Resp: 698035
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.6 28.0
 265 21.3 17.0 25.6

