

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012720\
 Data File : BF118717.D
 Acq On : 27 Jan 2020 13:42
 Operator : CG/JU
 Sample : L1241-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 27 14:24:42 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 01:13:13 2020
 Response via : Initial Calibration

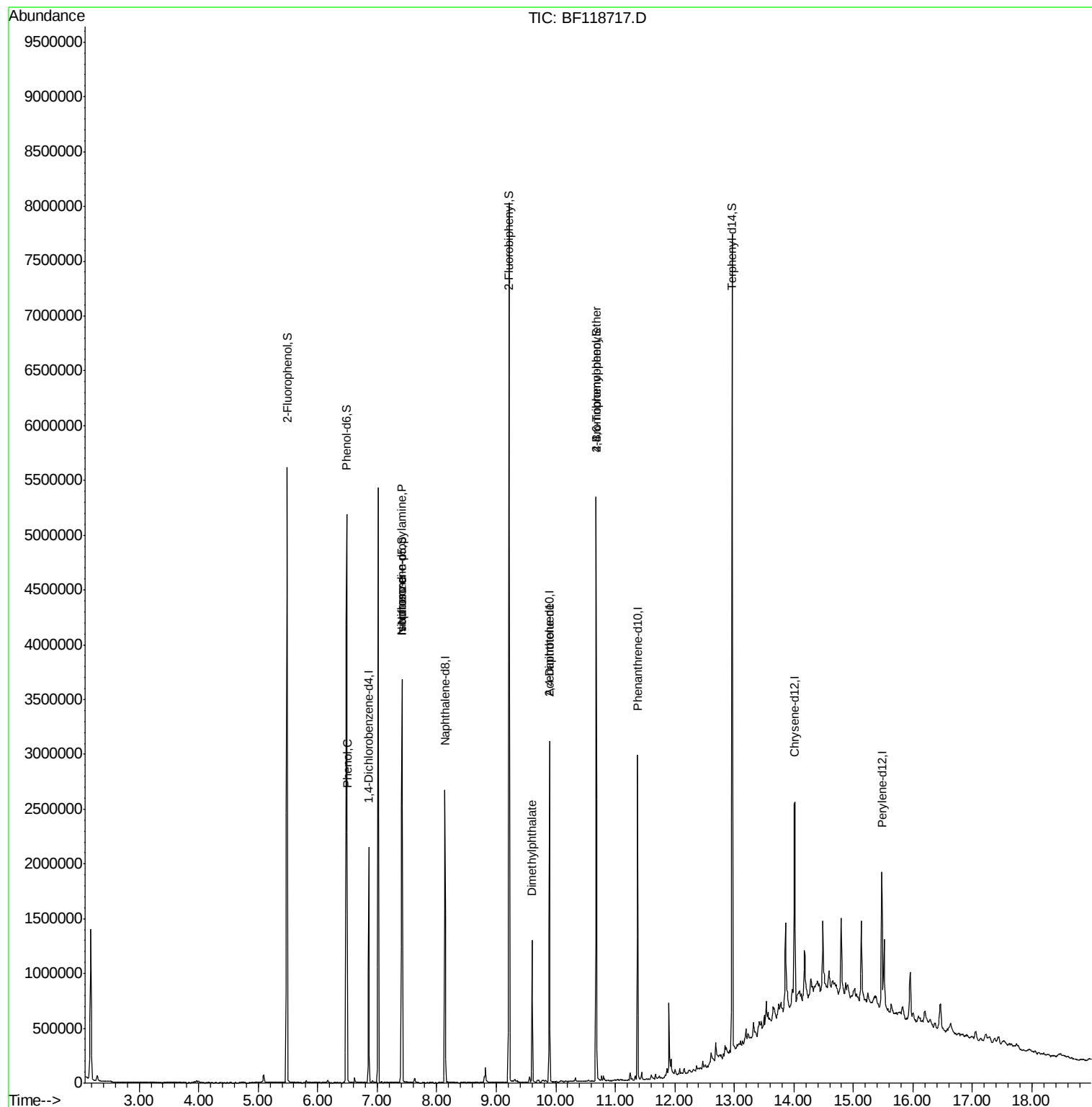
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	316335	20.00	ng	-0.02
21) Naphthalene-d8	8.14	136	1179038	20.00	ng	-0.03
39) Acenaphthene-d10	9.89	164	636932	20.00	ng	-0.04
64) Phenanthrene-d10	11.37	188	1130396	20.00	ng	-0.04
76) Chrysene-d12	14.02	240	678257	20.00	ng	-0.03
87) Perylene-d12	15.48	264	655802	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1651060	96.94	ng	-0.01
7) Phenol-d6	6.49	99	2031311	91.76	ng	-0.02
23) Nitrobenzene-d5	7.42	82	1295945	61.48	ng	-0.03
42) 2,4,6-Tribromophenol	10.68	330	705903	95.82	ng	-0.03
45) 2-Fluorobiphenyl	9.22	172	2569252	66.30	ng	-0.03
79) Terphenyl-d14	12.96	244	2764841	88.91	ng	-0.03
Target Compounds						
10) Phenol	6.50	94	62572	2.480	ng	92
19) n-Nitroso-di-n-propylamine	7.42	70	176260	11.792	ng	# 77
25) Isophorone	7.42	82	1291929	33.603	ng	# 64
50) Dimethylphthalate	9.60	163	473957	11.421	ng	98
57) 2,4-Dinitrotoluene	9.89	165	83823	7.156	ng	# 25
67) 4-Bromophenyl-phenylether	10.68	248	45064	3.227	ng	# 1

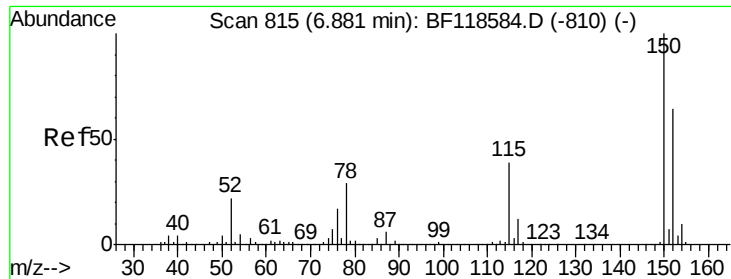
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration



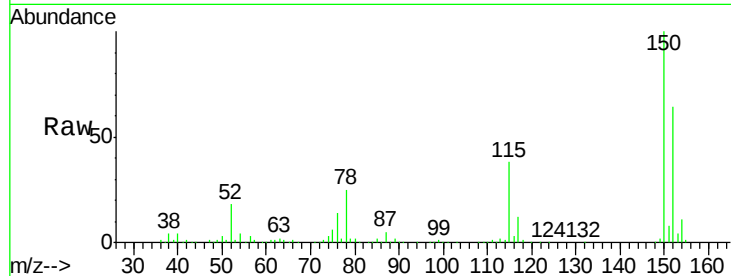


#1

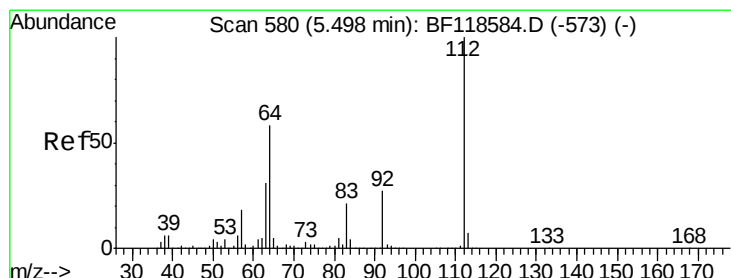
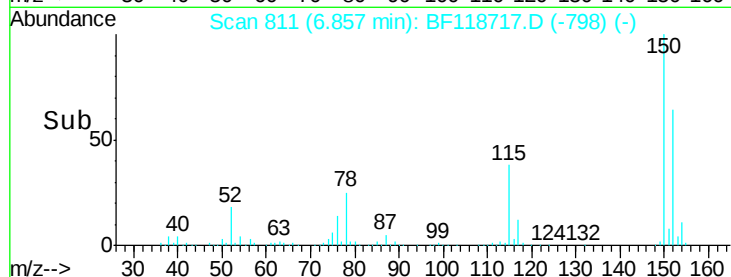
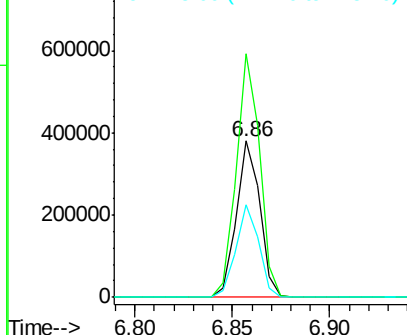
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.02 min
Lab File: BF118717.D
Acq: 27 Jan 2020 13:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 316335
Ion Ratio Lower Upper
152 100
150 155.6 125.6 188.4
115 59.6 48.4 72.6



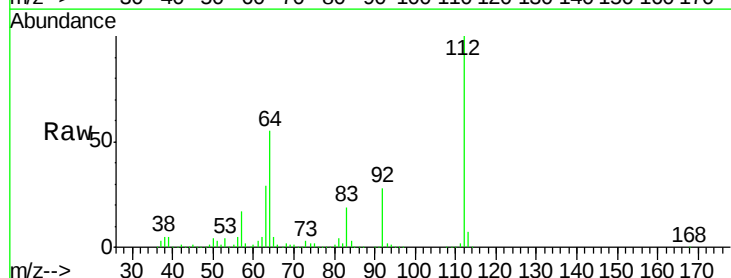
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



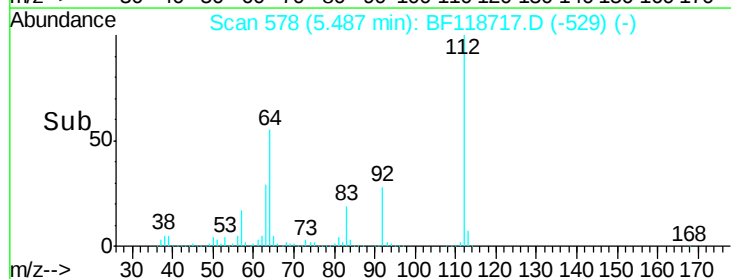
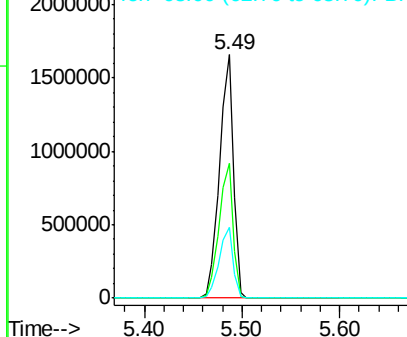
#5

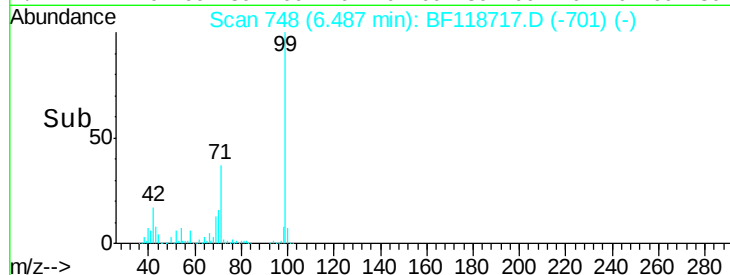
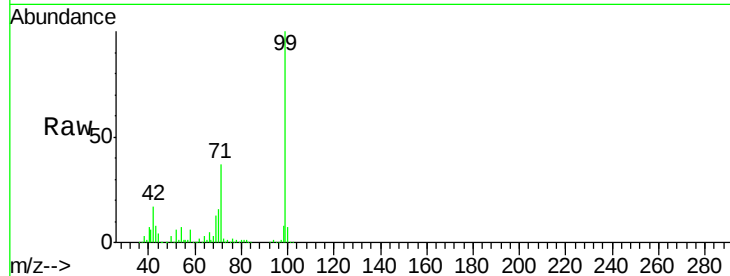
2-Fluorophenol
Concen: 96.936 ng
RT: 5.49 min Scan# 578
Delta R.T. -0.01 min
Lab File: BF118717.D
Acq: 27 Jan 2020 13:42

Tgt Ion:112 Resp: 1651060
Ion Ratio Lower Upper
112 100
64 55.2 46.6 70.0
63 29.3 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: 91.758 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.02 min

Lab File: BF118717.D

Acq: 27 Jan 2020 13:42

Instrument :

BNA_F

ClientSampleId :

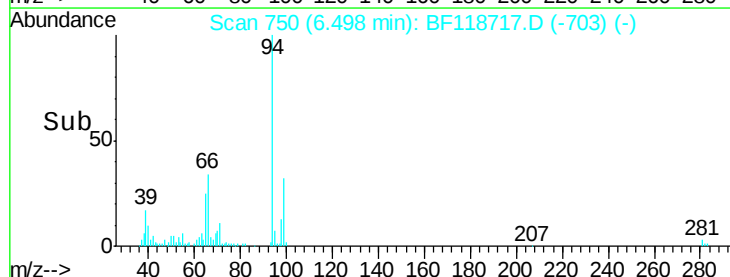
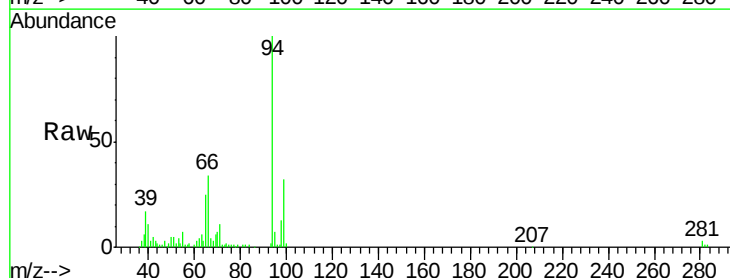
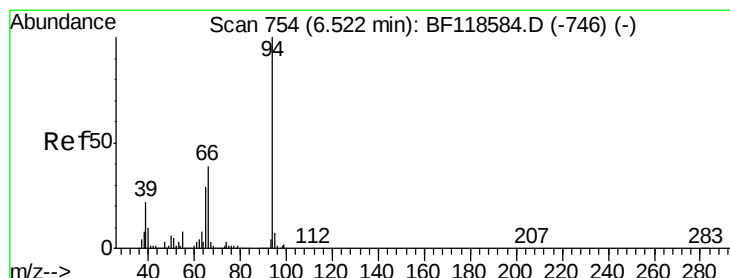
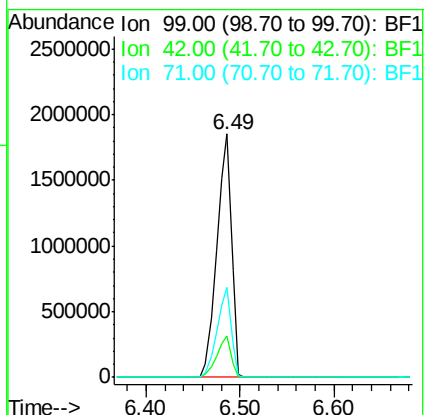
Tot Ion: 99 Resp: 2031311

Ion Ratio Lower Upper

99 100

42 17.0 14.2 21.2

71 36.9 27.8 41.6



#10

Phenol

Concen: 2.480 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.02 min

Lab File: BF118717.D

Acq: 27 Jan 2020 13:42

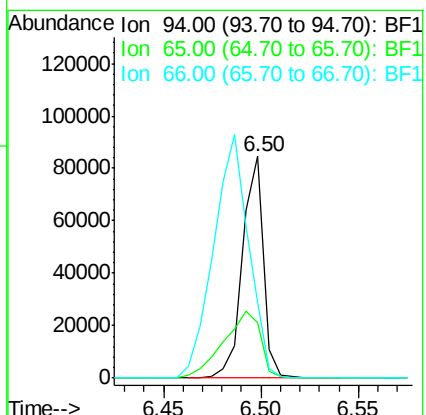
Tgt Ion: 94 Resp: 62572

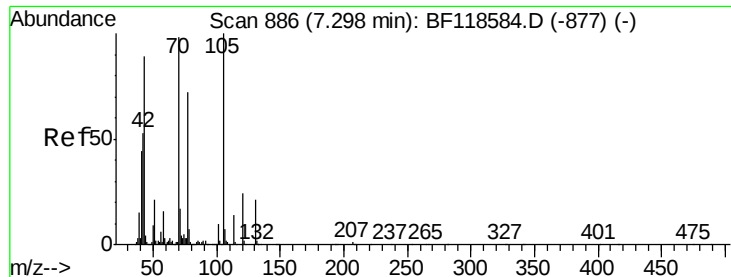
Ion Ratio Lower Upper

94 100

65 24.9 9.5 49.5

66 34.3 18.5 58.5

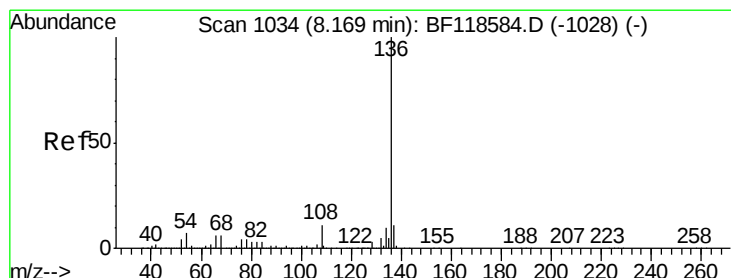
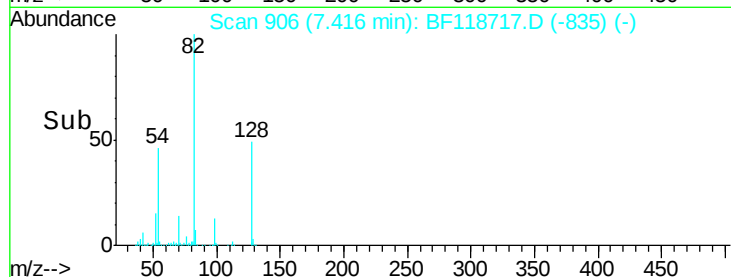
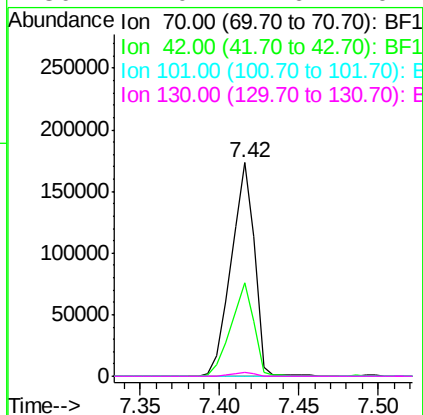
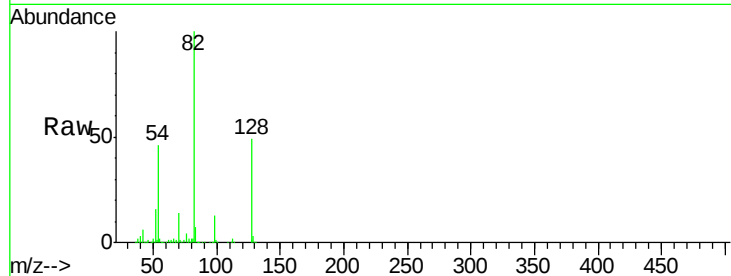




#19
n-Nitroso-di-n-propylamine
Concen: 11.792 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.12 min
Lab File: BF118717.D
Acq: 27 Jan 2020 13:42

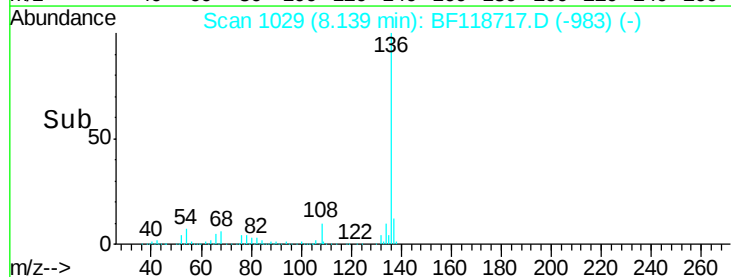
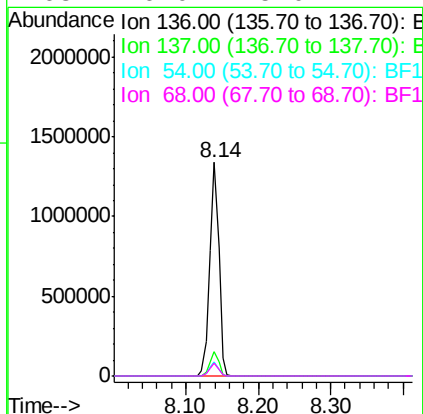
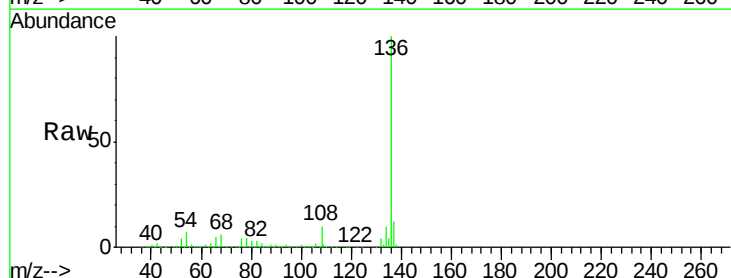
Instrument :
BNA_F
ClientSampled :

Tot Ion: 70 Resp: 176260
Ion Ratio Lower Upper
70 100
42 43.6 43.4 65.0
101 0.0 8.1 12.1#
130 2.0 17.6 26.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.03 min
Lab File: BF118717.D
Acq: 27 Jan 2020 13:42

Tgt Ion: 136 Resp: 1179038
Ion Ratio Lower Upper
136 100
137 11.5 9.1 13.7
54 6.7 5.8 8.6
68 6.0 5.0 7.4



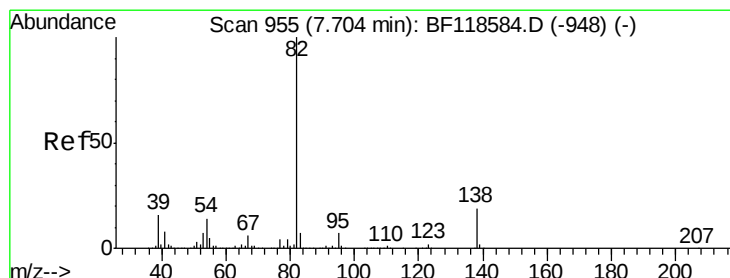
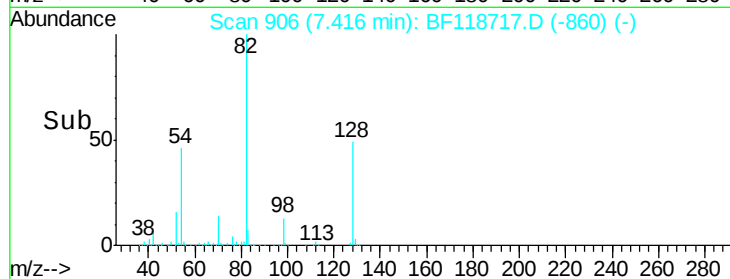
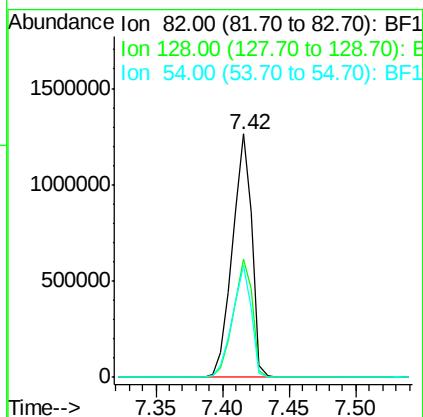
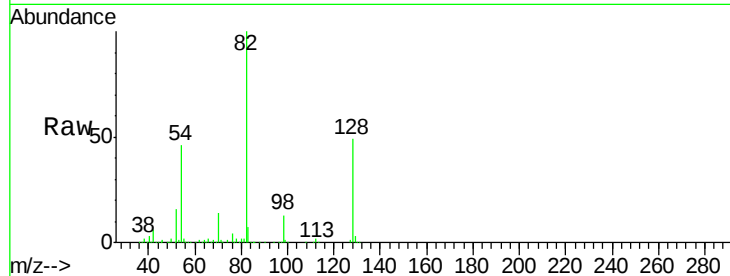


#23
 Nitrobenzene-d5
 Concen: 61.480 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.03 min
 Lab File: BF118717.D
 Acq: 27 Jan 2020 13:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1295945

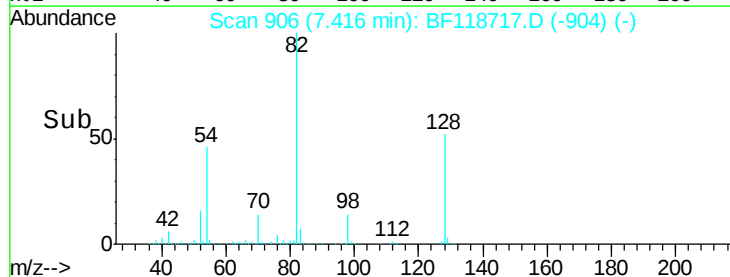
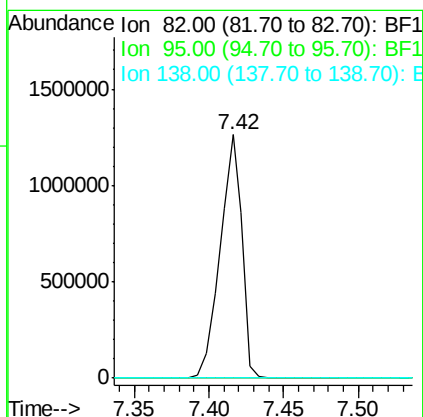
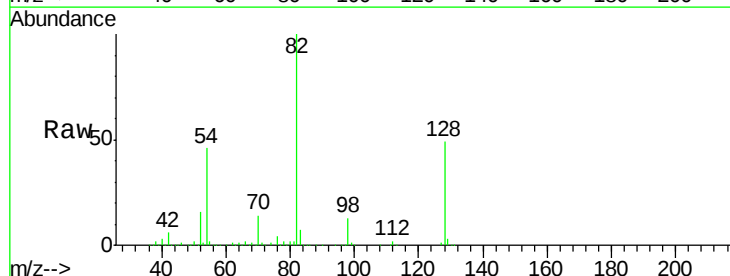
Ion	Ratio	Lower	Upper
82	100		
128	48.6	36.6	54.8
54	45.9	38.0	57.0

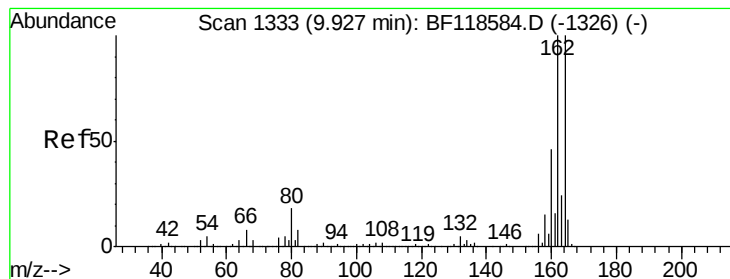


#25
 Isophorone
 Concen: 33.603 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.29 min
 Lab File: BF118717.D
 Acq: 27 Jan 2020 13:42

Tgt Ion: 82 Resp: 1291929

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: 9.89 min Scan# 1327

Delta R.T. -0.04 min

Lab File: BF118717.D

Acq: 27 Jan 2020 13:42

Instrument :

BNA_F

ClientSampleId :

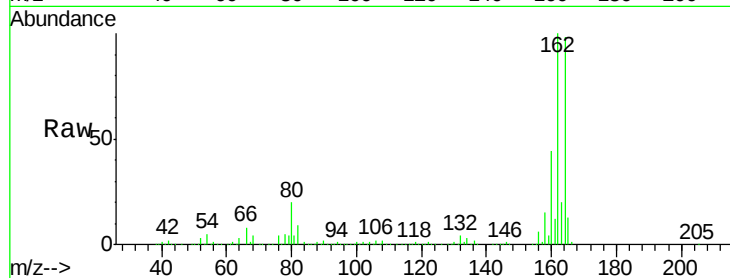
Tot Ion:164 Resp: 636932

Ion Ratio Lower Upper

164 100

162 102.4 80.4 120.6

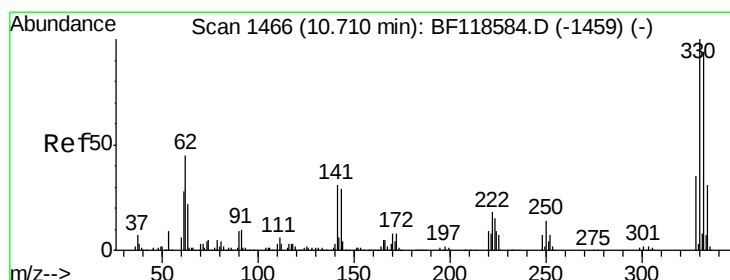
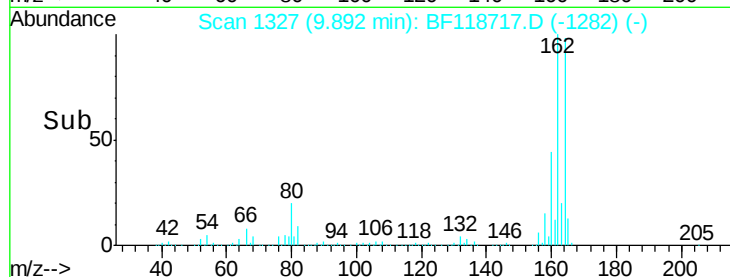
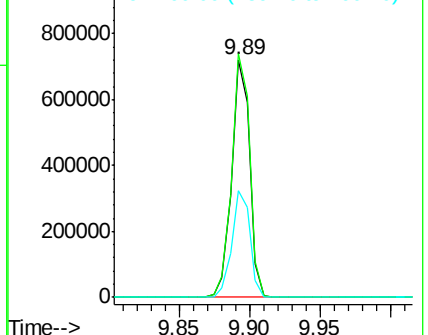
160 44.6 36.6 55.0



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



#42

2,4,6-Tribromophenol

Concen: 95.820 ng

RT: 10.68 min Scan# 1461

Delta R.T. -0.03 min

Lab File: BF118717.D

Acq: 27 Jan 2020 13:42

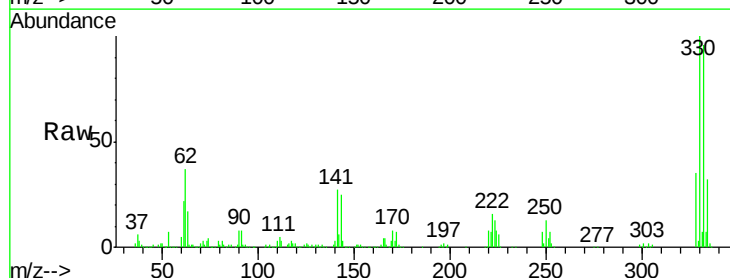
Tgt Ion:330 Resp: 705903

Ion Ratio Lower Upper

330 100

332 96.6 76.2 114.4

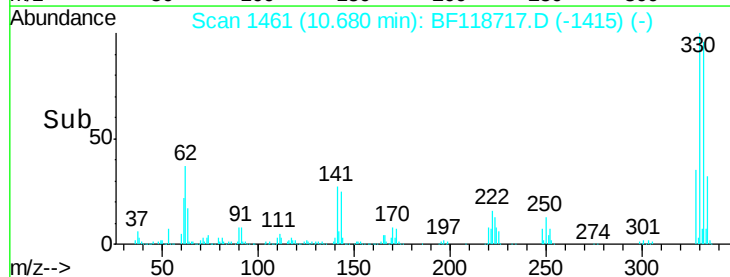
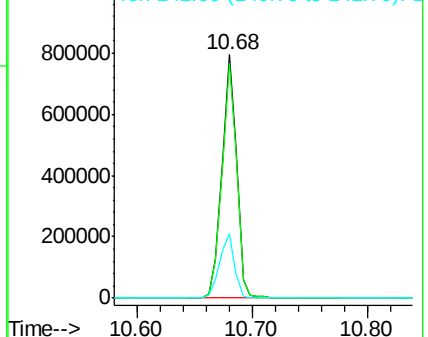
141 26.9 23.9 35.9

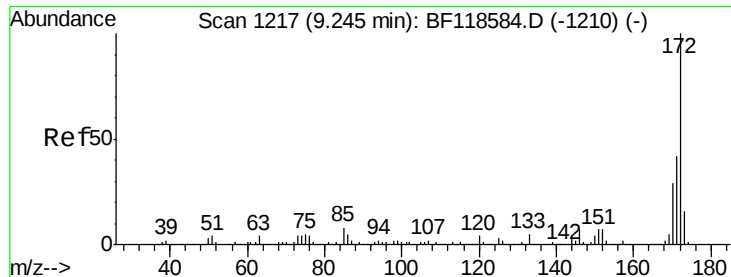


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

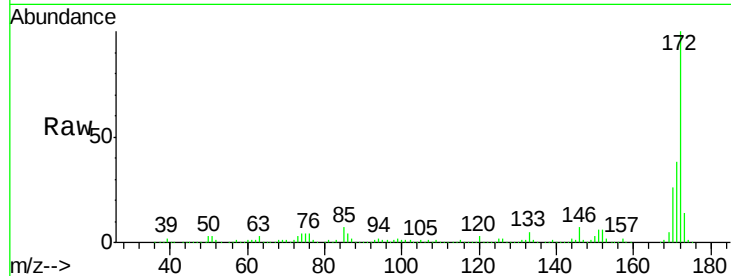




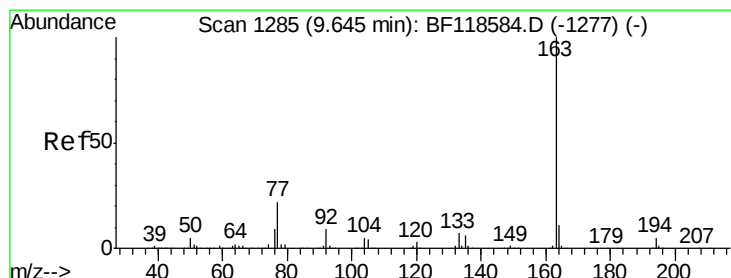
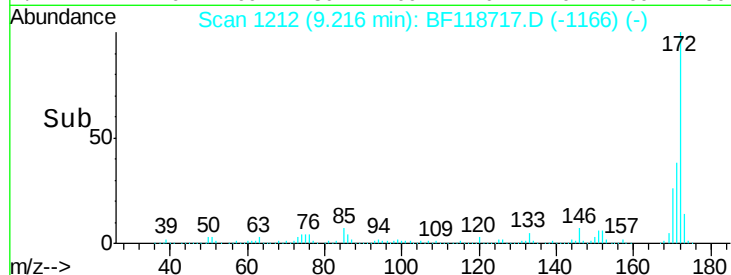
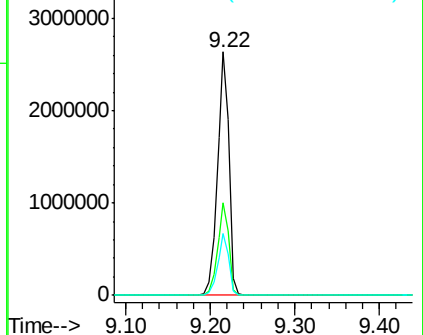
#45
2-Fluorobiphenyl
Concen: 66.300 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.03 min
Lab File: BF118717.D
Acq: 27 Jan 2020 13:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 2569252
Ion Ratio Lower Upper
172 100
171 38.0 33.4 50.2
170 25.5 23.2 34.8

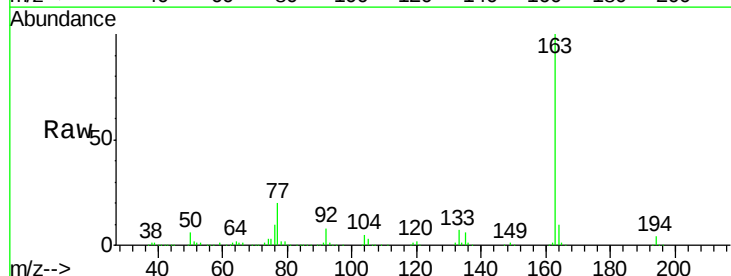


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

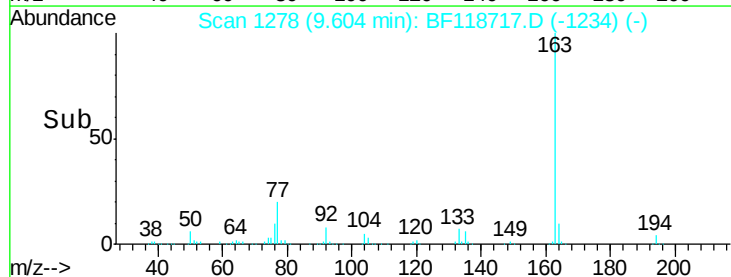
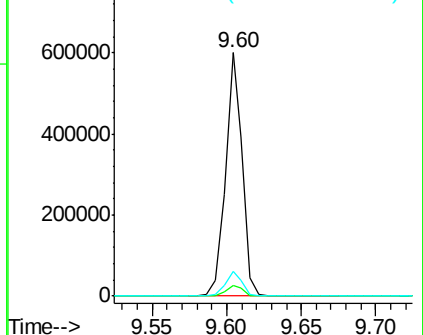


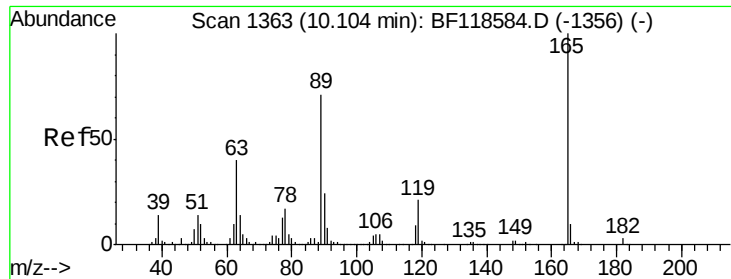
#50
Dimethylphthalate
Concen: 11.421 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.04 min
Lab File: BF118717.D
Acq: 27 Jan 2020 13:42

Tgt Ion:163 Resp: 473957
Ion Ratio Lower Upper
163 100
194 4.2 3.9 5.9
164 10.4 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

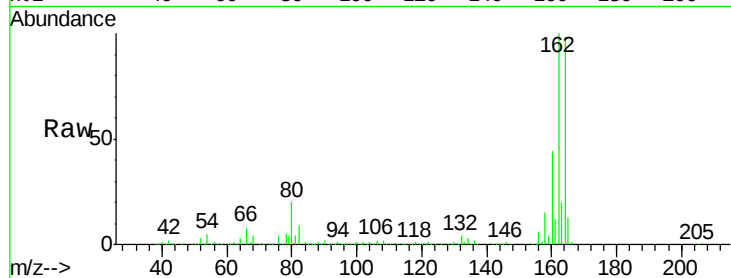




#57
 2,4-Dinitrotoluene
 Concen: 7.156 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.21 min
 Lab File: BF118717.D
 Acq: 27 Jan 2020 13:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.0	32.4	48.6#
89	1.2	56.4	84.6#
182	0.0	2.3	3.5#

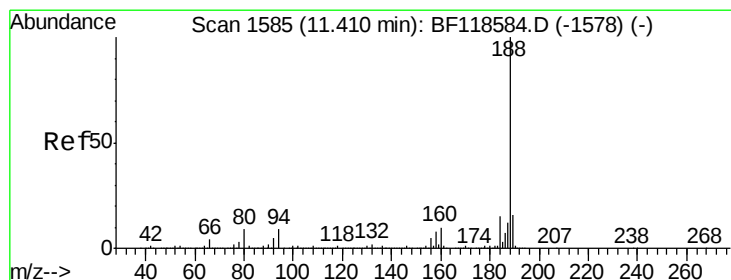
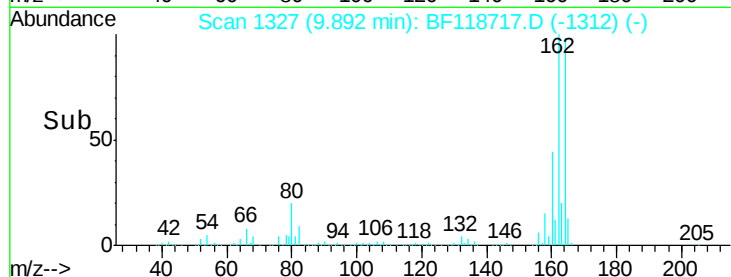
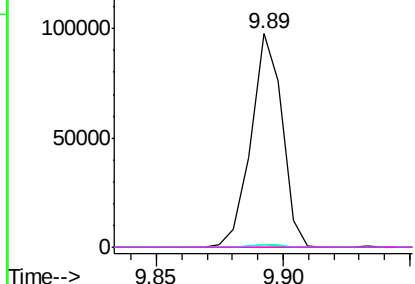


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

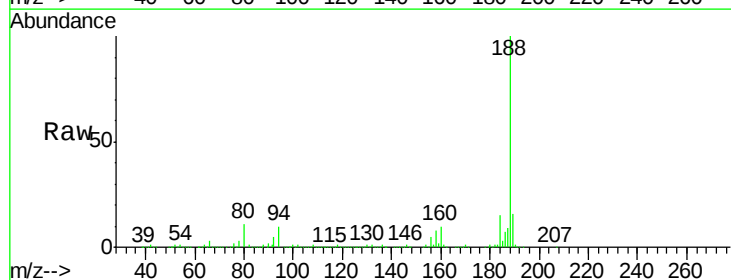
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. -0.04 min
 Lab File: BF118717.D
 Acq: 27 Jan 2020 13:42

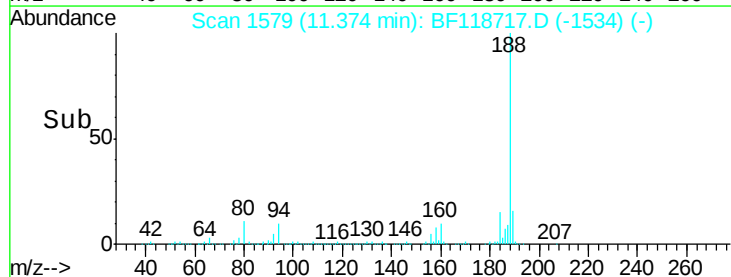
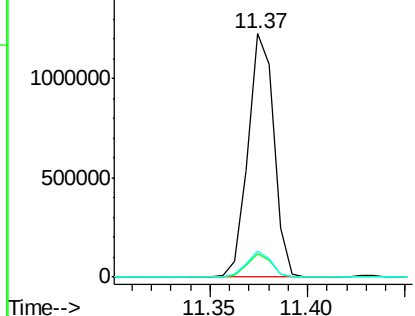
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.9	7.1	10.7
80	10.5	7.5	11.3

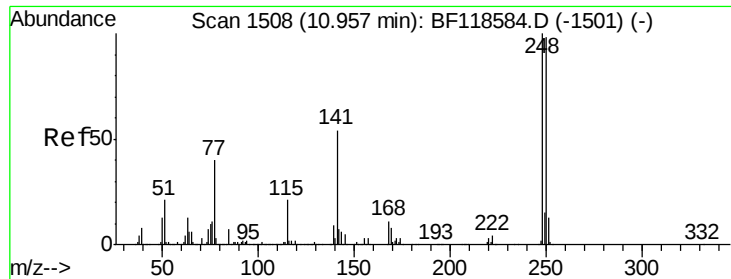


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

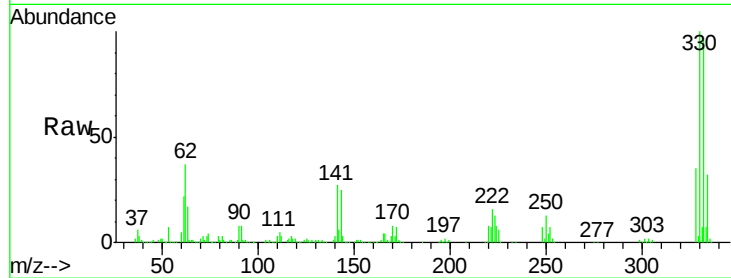




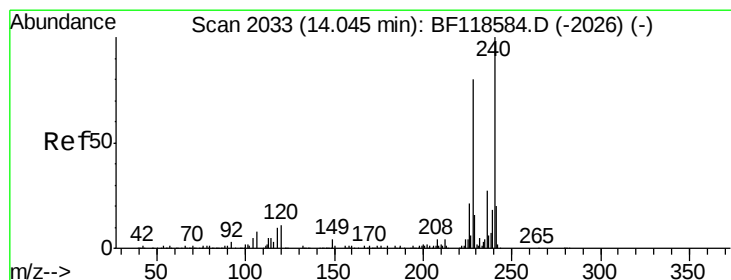
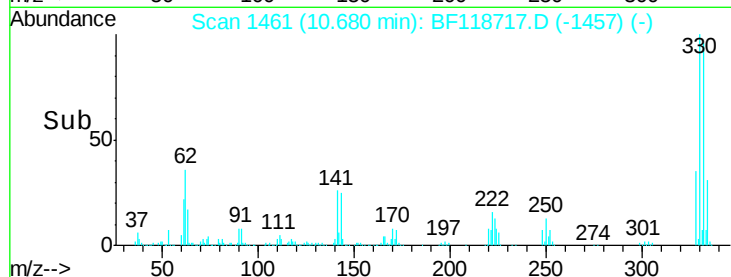
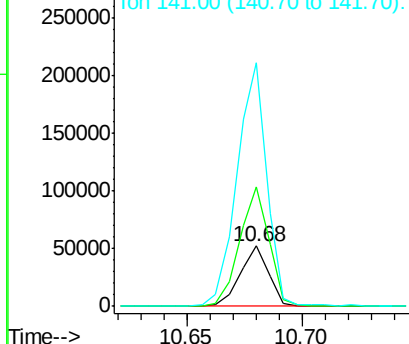
#67
4-Bromophenyl-phenylether
Concen: 3.227 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.28 min
Lab File: BF118717.D
Acq: 27 Jan 2020 13:42

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 45064
Ion Ratio Lower Upper
248 100
250 197.1 78.7 118.1#
141 402.4 43.2 64.8#

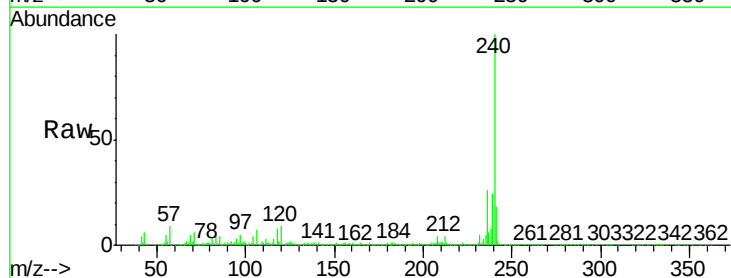


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

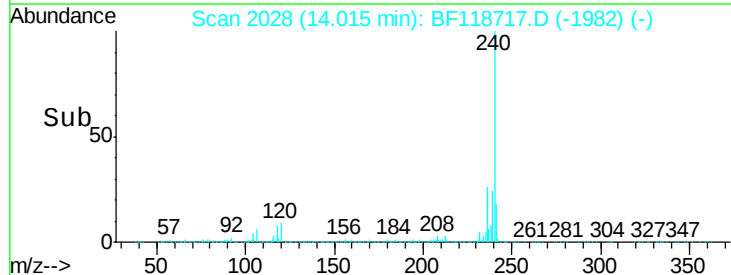
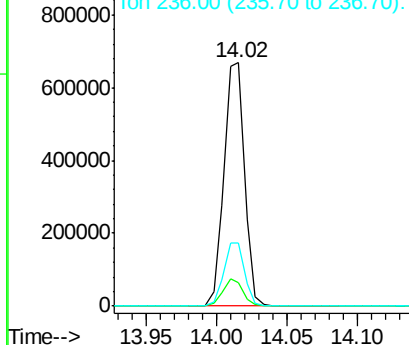


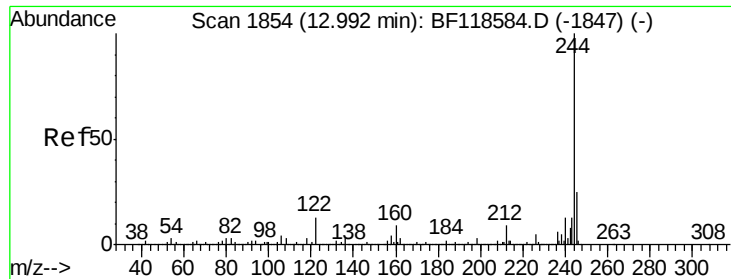
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.03 min
Lab File: BF118717.D
Acq: 27 Jan 2020 13:42

Tgt Ion:240 Resp: 678257
Ion Ratio Lower Upper
240 100
120 9.5 8.9 13.3
236 26.0 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

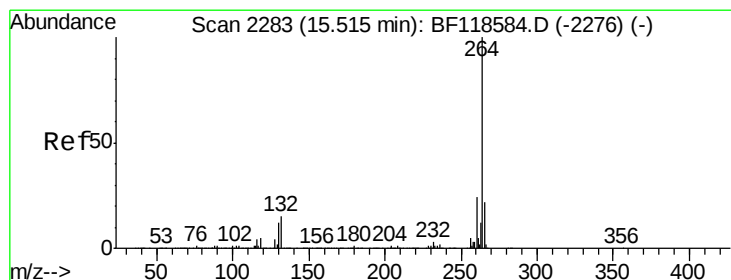
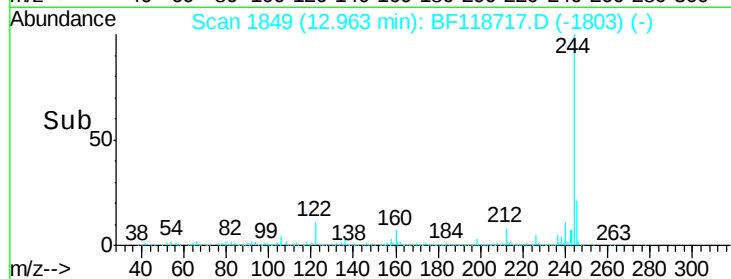
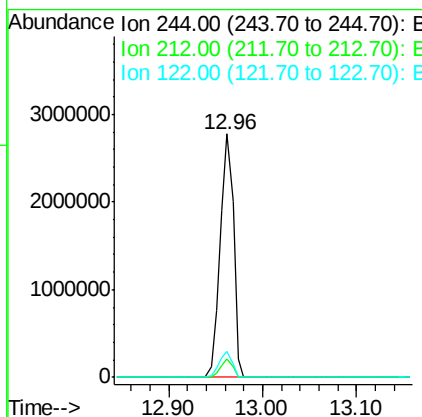
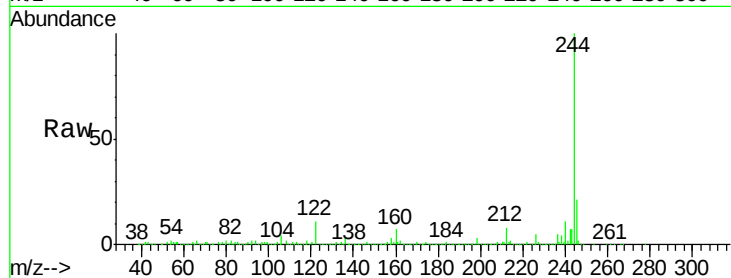




#79
 Terphenyl-d14
 Concen: 88.910 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. -0.03 min
 Lab File: BF118717.D
 Acq: 27 Jan 2020 13:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 2764841
 Ion Ratio Lower Upper
 244 100
 212 7.5 7.0 10.4
 122 10.8 10.7 16.1



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2277
 Delta R.T. -0.04 min
 Lab File: BF118717.D
 Acq: 27 Jan 2020 13:42

Tgt Ion:264 Resp: 655802
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.6 29.4
 265 21.2 17.7 26.5

