

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120419\
 Data File : BF118087.D
 Acq On : 4 Dec 2019 15:39
 Operator : JU
 Sample : K6119-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 05 00:38:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 03 15:16:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	160816	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	597780	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	318888	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	601612	20.00	ng	0.00
76) Chrysene-d12	14.07	240	300959	20.00	ng	0.00
87) Perylene-d12	15.57	264	375012	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.50	112	1025221	112.85	ng	0.01
7) Phenol-d6	6.51	99	1306050	119.19	ng	0.00
23) Nitrobenzene-d5	7.44	82	830904	82.63	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	356224	105.52	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1543069	86.81	ng	0.00
79) Terphenyl-d14	13.02	244	1600902	97.22	ng	0.00

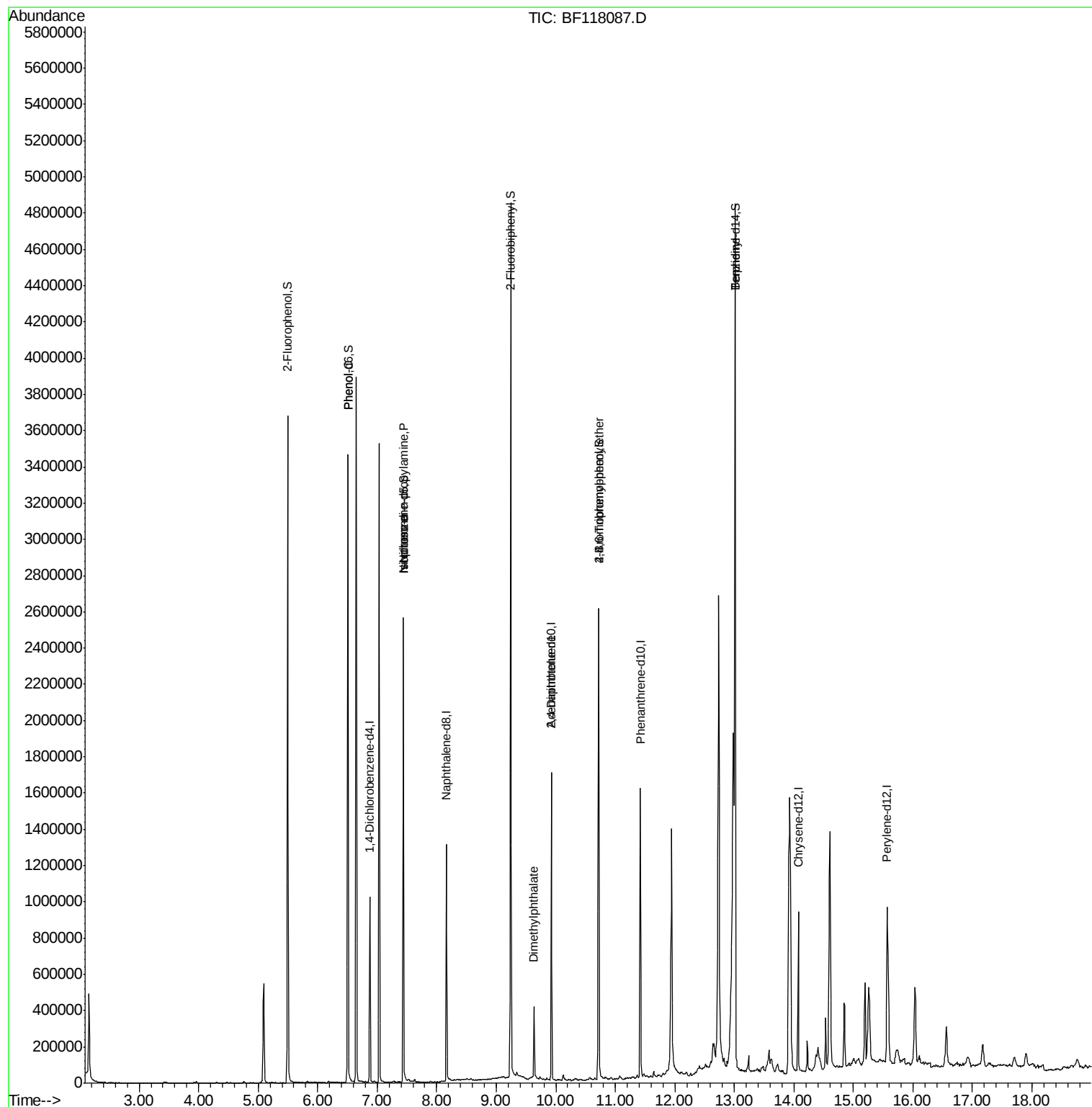
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.51	77	2159	Below Cal	#	1
10) Phenol	6.52	94	24704	2.169 ng	#	69
19) n-Nitroso-di-n-propylamine	7.44	70	108606	16.065 ng	#	74
25) Isophorone	7.44	82	830898	45.082 ng	#	63
50) Dimethylphthalate	9.63	163	169038	7.559 ng	#	99
57) 2,4-Dinitrotoluene	9.93	165	41693	6.706 ng	#	32
67) 4-Bromophenyl-phenylether	10.72	248	21526	3.316 ng	#	1
75) Fluoranthene	12.64	202	484	Below Cal	#	1
77) Benzydine	13.02	184	26381	2.676 ng	#	92

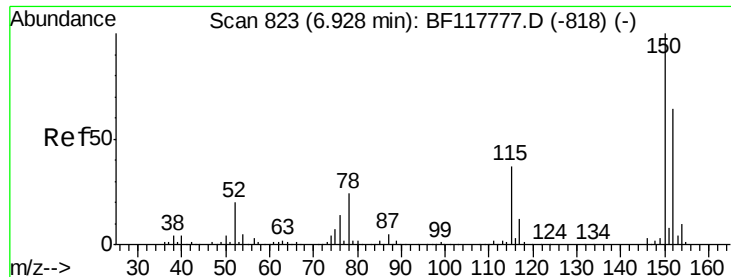
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120419\
Data File : BF118087.D
Acq On : 4 Dec 2019 15:39
Operator : JU
Sample : K6119-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Dec 05 00:38:46 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 03 15:16:53 2019
Response via : Initial Calibration



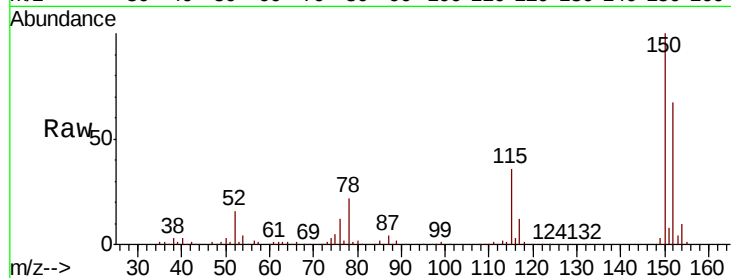


#1

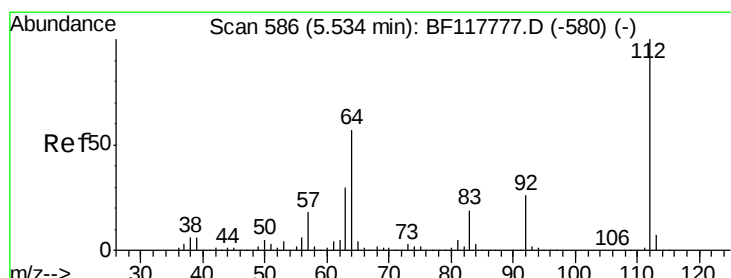
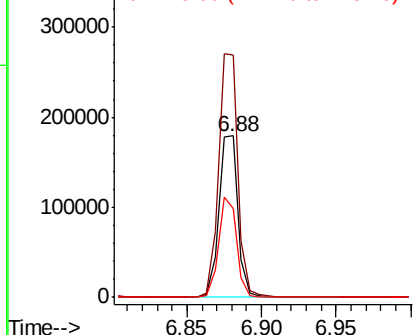
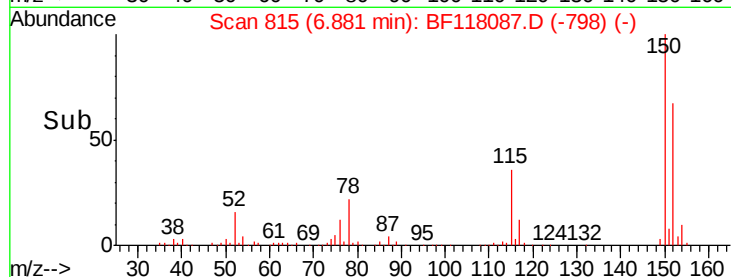
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF118087.D
Acq: 4 Dec 2019 15:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 160816
Ion Ratio Lower Upper
152 100
150 150.2 121.4 182.2
115 54.8 48.8 73.2



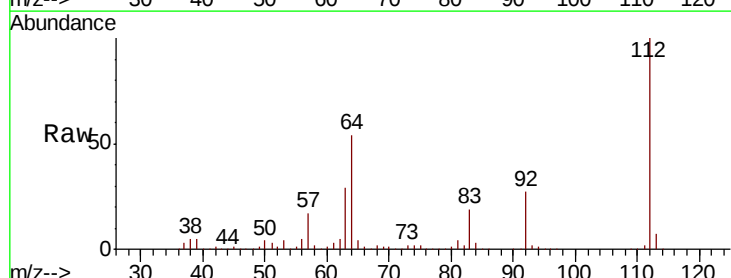
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



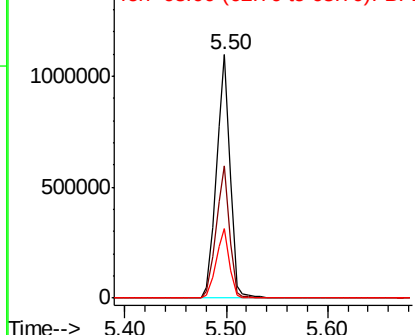
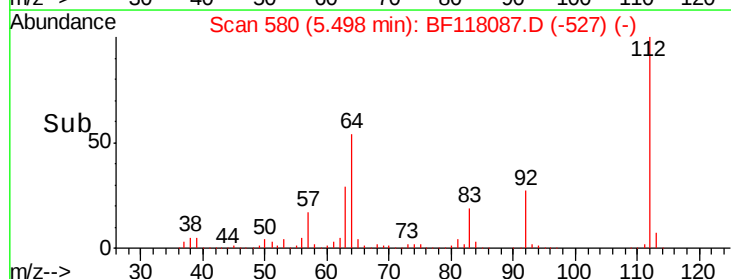
#5

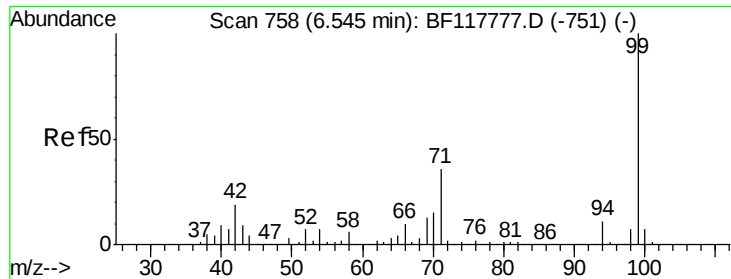
2-Fluorophenol
Concen: 112.846 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF118087.D
Acq: 4 Dec 2019 15:39

Tgt Ion:112 Resp: 1025221
Ion Ratio Lower Upper
112 100
64 54.4 45.1 67.7
63 28.8 24.6 37.0



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: 119.186 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF118087.D

Acq: 4 Dec 2019 15:39

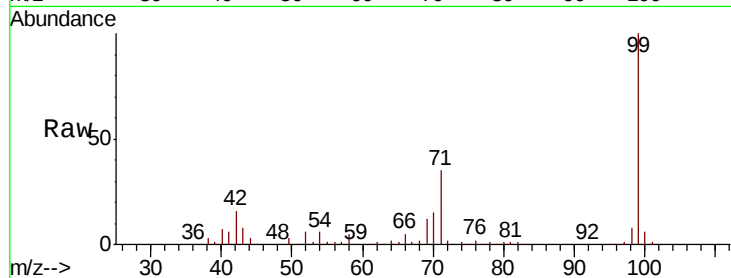
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1306050

Ion	Ratio	Lower	Upper
99	100		
42	15.9	14.0	21.0
71	34.7	29.2	43.8

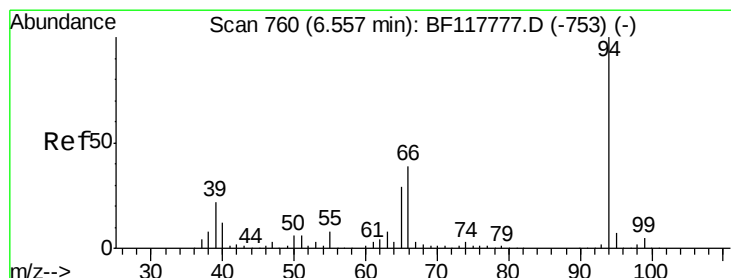
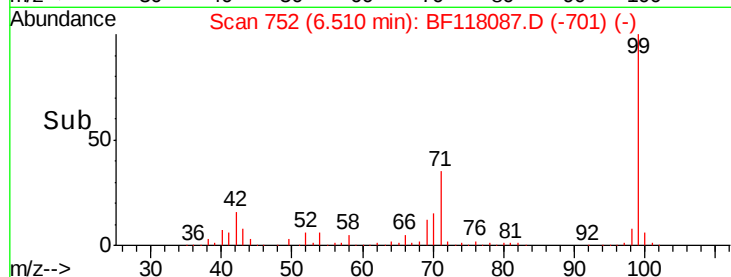
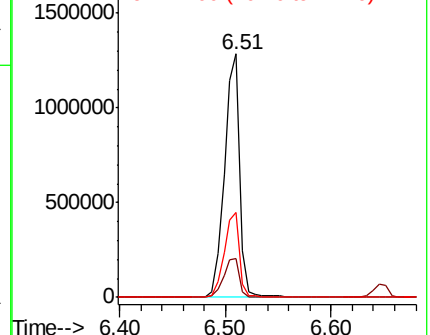


Abundance

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: 2.169 ng

RT: 6.52 min Scan# 753

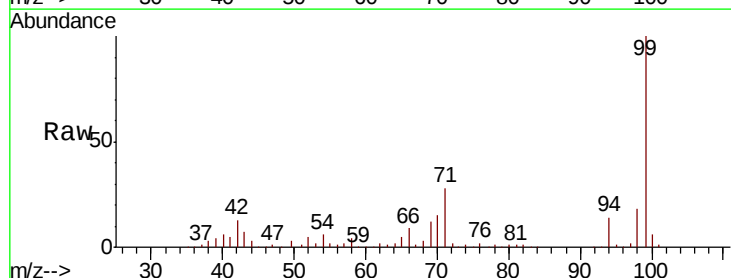
Delta R.T. -0.01 min

Lab File: BF118087.D

Acq: 4 Dec 2019 15:39

Tgt Ion: 94 Resp: 24704

Ion	Ratio	Lower	Upper
94	100		
65	34.1	6.9	46.9
66	64.3	18.6	58.6

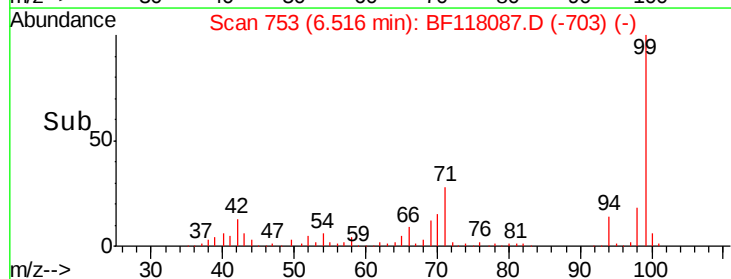
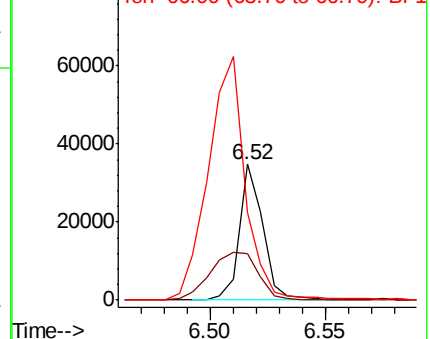


Abundance

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

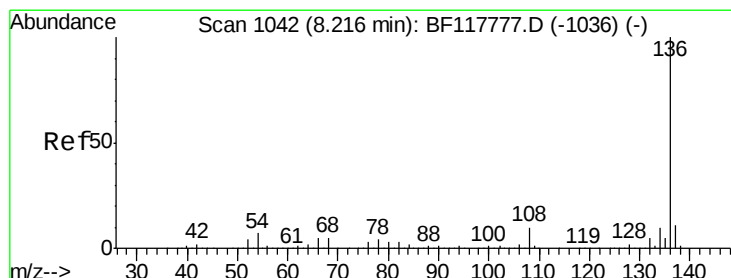
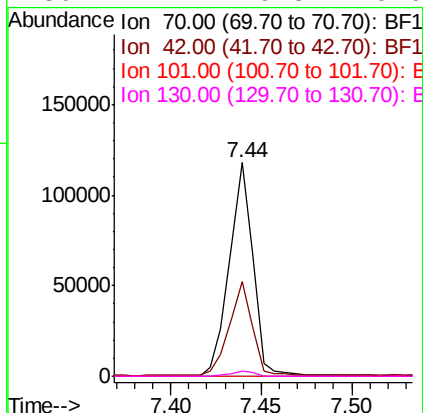
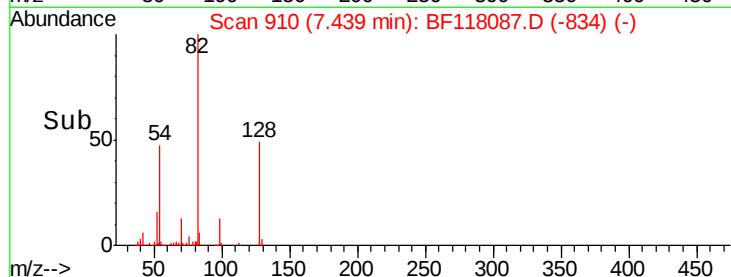
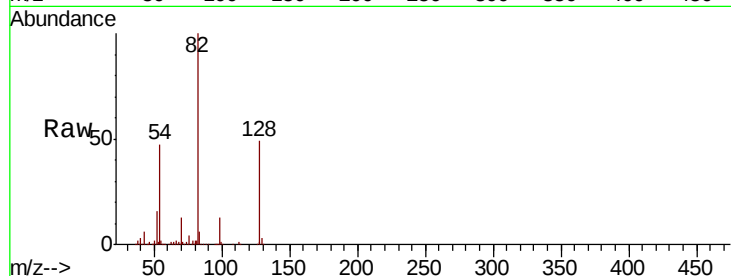




#19
n-Nitroso-di-n-propylamine
Concen: 16.065 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.15 min
Lab File: BF118087.D
Acq: 4 Dec 2019 15:39

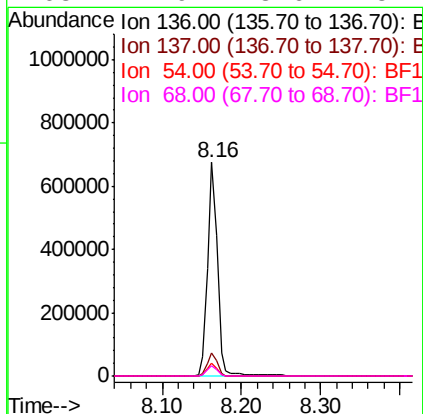
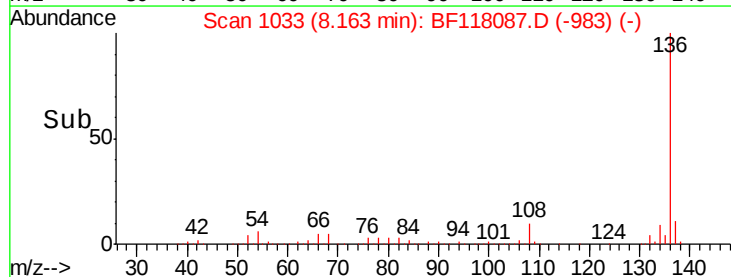
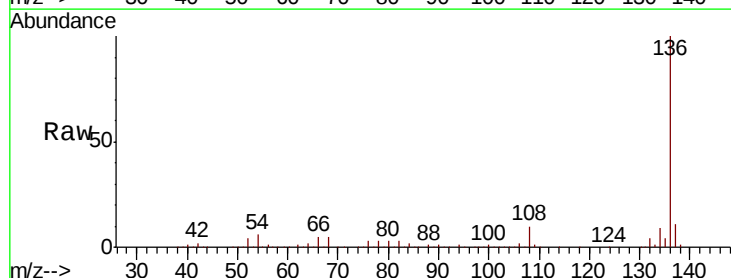
Instrument :
BNA_F
ClientSampleId :

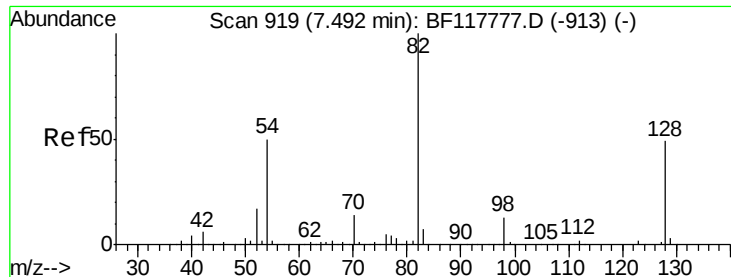
Tot Ion: 70 Resp: 108606
Ion Ratio Lower Upper
70 100
42 44.4 46.0 69.0#
101 0.0 8.8 13.2#
130 2.4 19.8 29.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF118087.D
Acq: 4 Dec 2019 15:39

Tgt Ion:136 Resp: 597780
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 6.2 4.9 7.3
68 4.9 3.6 5.4

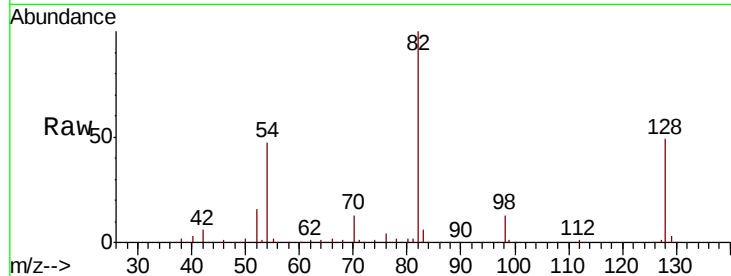




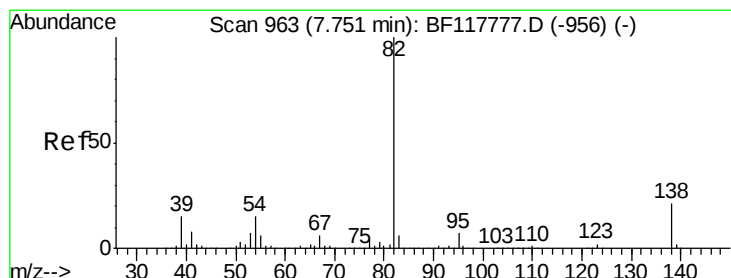
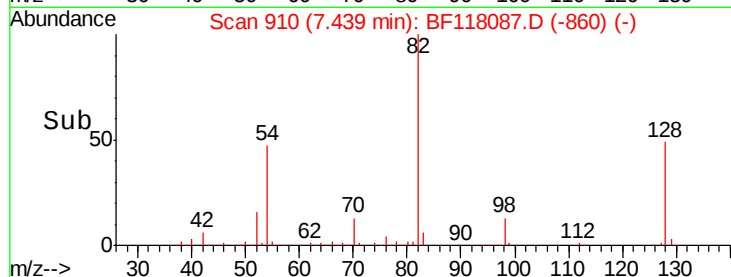
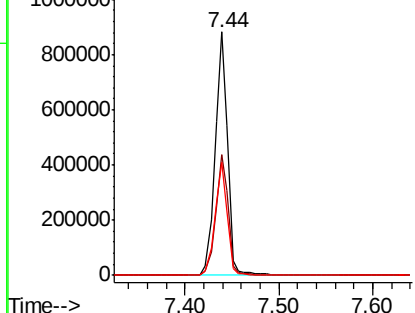
#23
Nitrobenzene-d5
Concen: 82.629 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF118087.D
Acq: 4 Dec 2019 15:39

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 830904
Ion Ratio Lower Upper
82 100
128 49.4 38.2 57.4
54 46.6 39.0 58.4

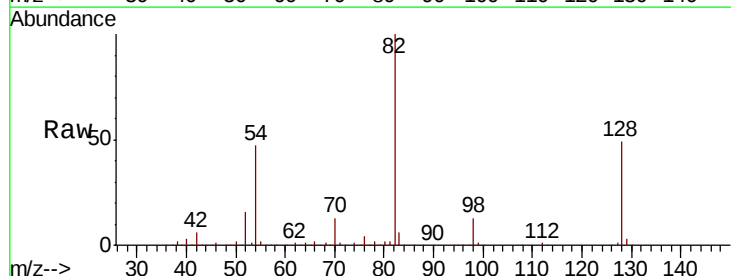


Abundance Ion 82.00 (81.70 to 82.70): BF1
1200000 Ion 128.00 (127.70 to 128.70): BF1
1000000 Ion 54.00 (53.70 to 54.70): BF1
800000
600000
400000
200000
0

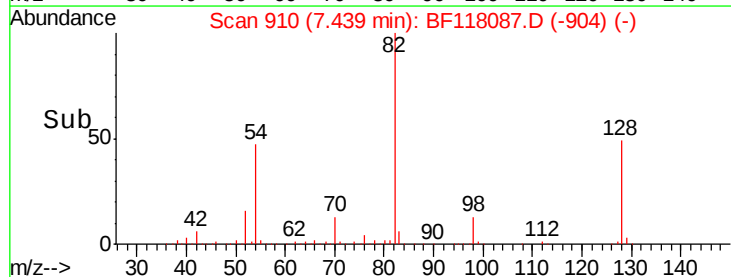
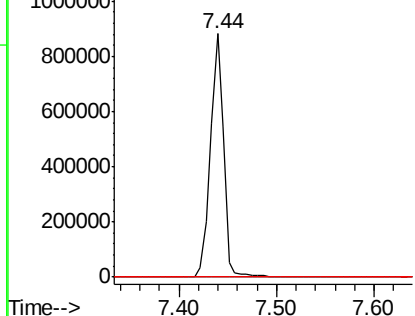


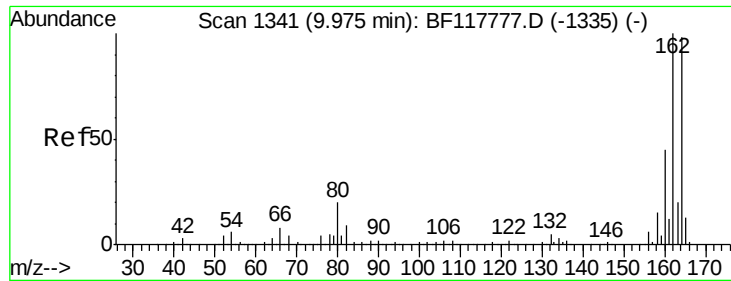
#25
Isophorone
Concen: 45.082 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.26 min
Lab File: BF118087.D
Acq: 4 Dec 2019 15:39

Tgt Ion: 82 Resp: 830898
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 15.9 23.9#



Abundance Ion 82.00 (81.70 to 82.70): BF1
1200000 Ion 95.00 (94.70 to 95.70): BF1
1000000 Ion 138.00 (137.70 to 138.70): BF1
800000
600000
400000
200000
0

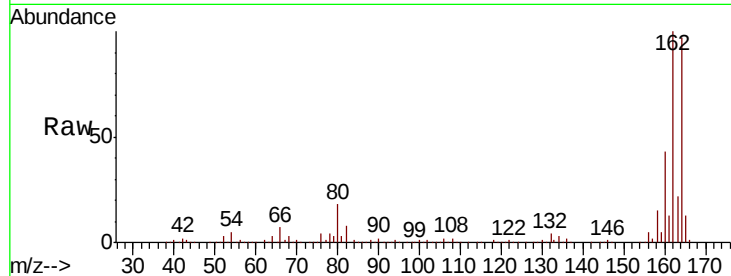




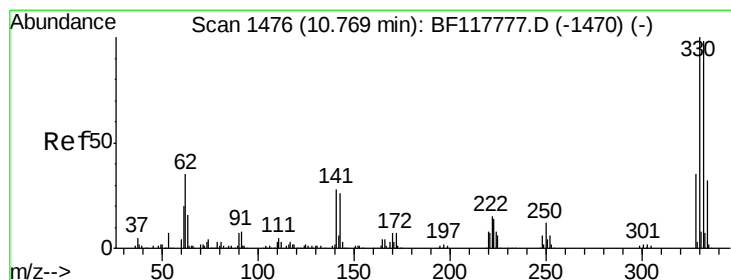
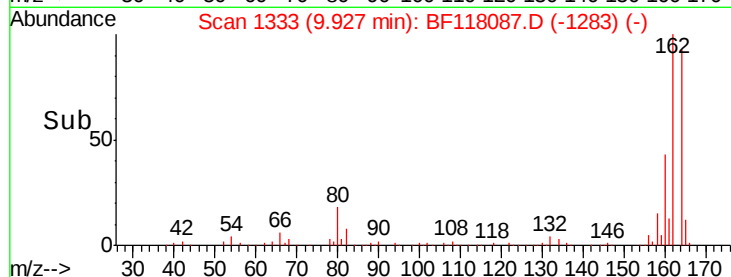
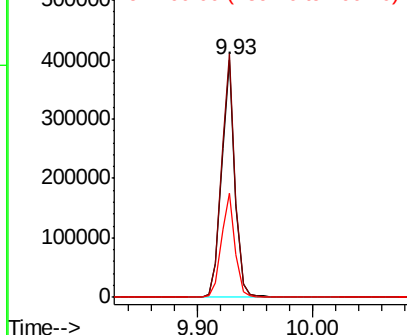
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF118087.D
Acq: 4 Dec 2019 15:39

Instrument :
BNA_F
ClientSampled :

Tot Ion:164 Resp: 318888
Ion Ratio Lower Upper
164 100
162 102.6 81.8 122.8
160 43.8 35.9 53.9

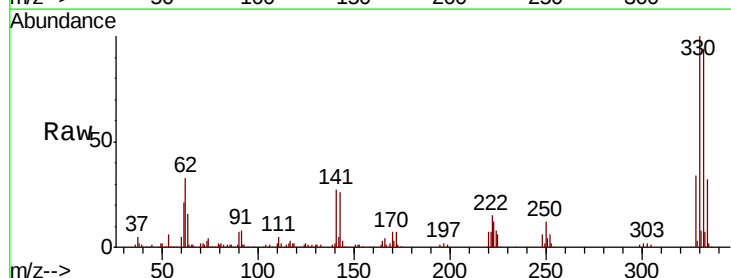


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

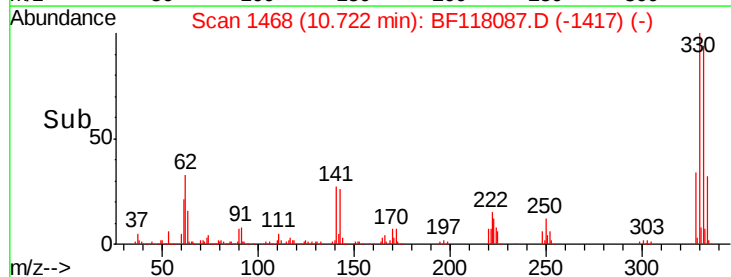
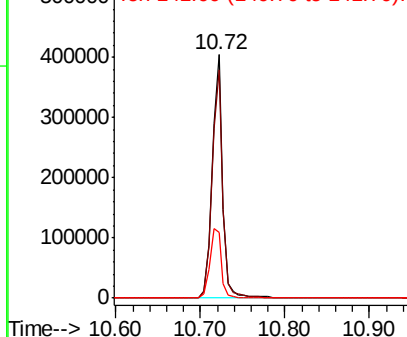


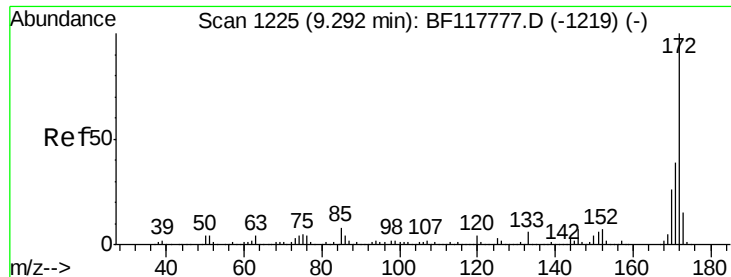
#42
2,4,6-Tribromophenol
Concen: 105.516 ng
RT: 10.72 min Scan# 1468
Delta R.T. -0.00 min
Lab File: BF118087.D
Acq: 4 Dec 2019 15:39

Tgt Ion:330 Resp: 356224
Ion Ratio Lower Upper
330 100
332 95.9 78.3 117.5
141 32.1 26.4 39.6



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

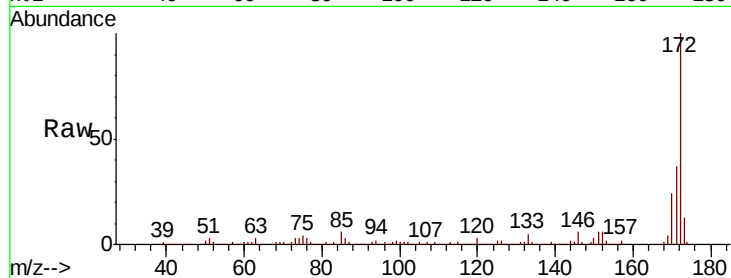




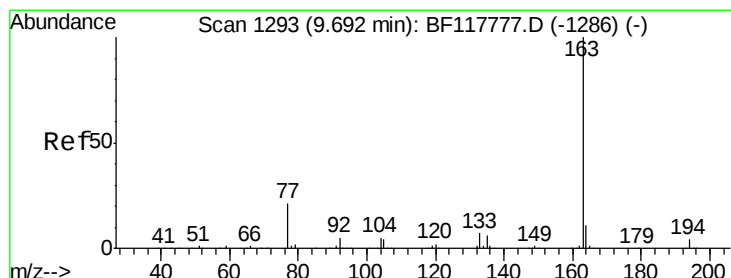
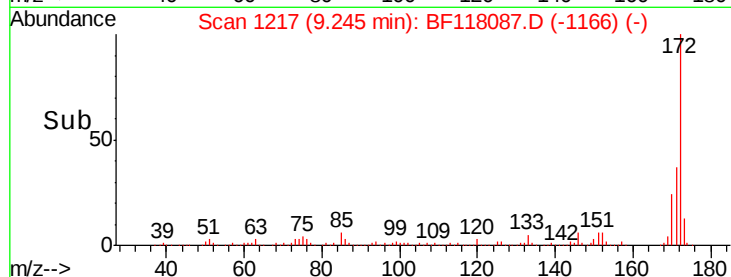
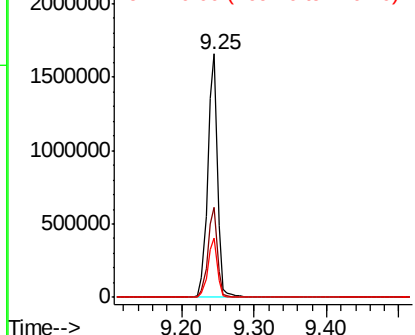
#45
2-Fluorobiphenyl
Concen: 86.812 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.00 min
Lab File: BF118087.D
Acq: 4 Dec 2019 15:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1543069
Ion Ratio Lower Upper
172 100
171 36.8 29.2 43.8
170 24.2 19.3 28.9

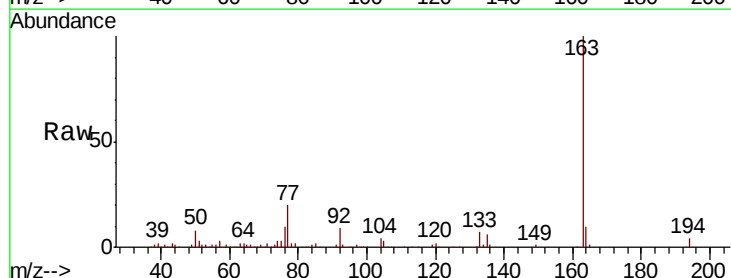


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

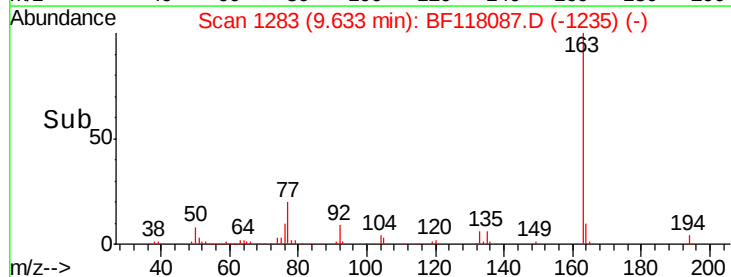
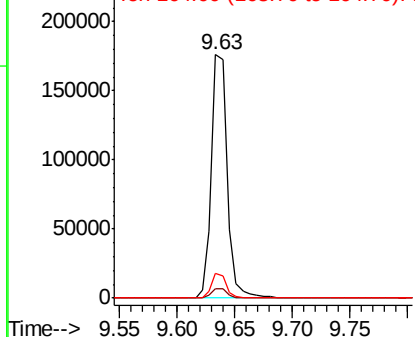


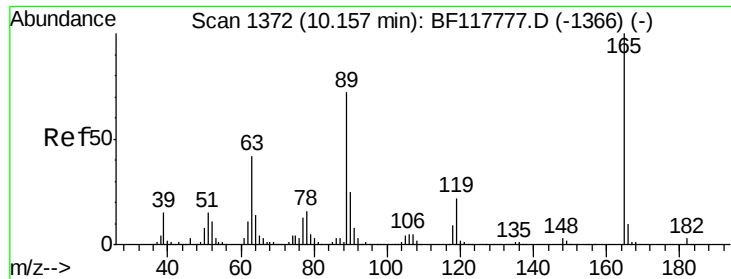
#50
Dimethylphthalate
Concen: 7.559 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.02 min
Lab File: BF118087.D
Acq: 4 Dec 2019 15:39

Tgt Ion:163 Resp: 169038
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 10.4 7.9 11.9



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

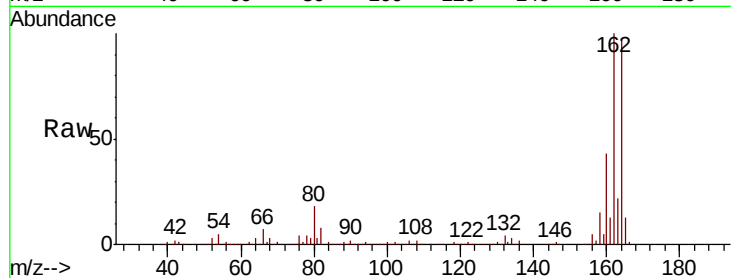




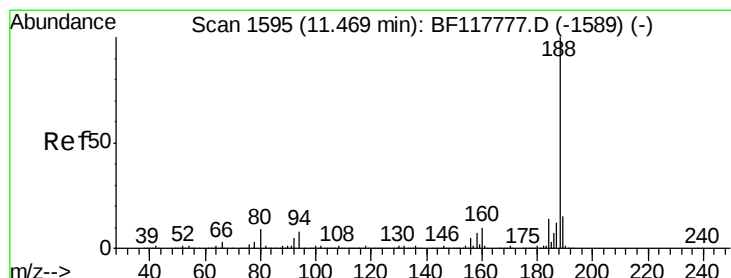
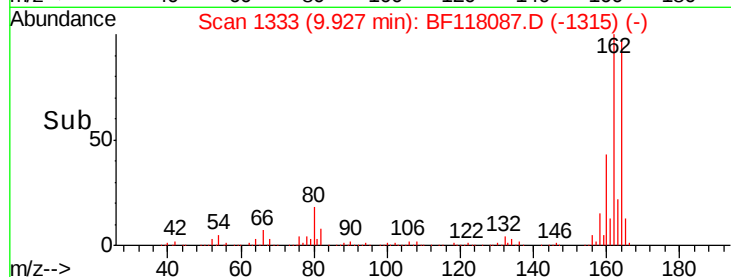
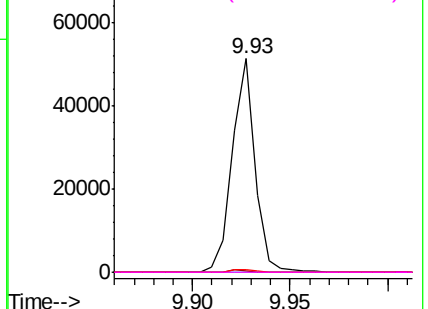
#57
2,4-Dinitrotoluene
Concen: 6.706 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.19 min
Lab File: BF118087.D
Acq: 4 Dec 2019 15:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165	Resp:	41693	
Ion Ratio	Lower	Upper	
165 100			
63 0.9	26.5	39.7#	
89 1.5	47.2	70.8#	
182 0.0	2.3	3.5#	

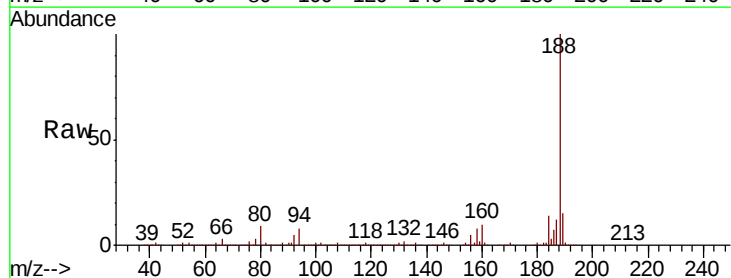


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

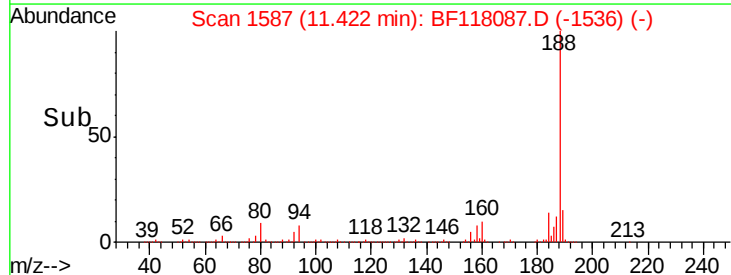
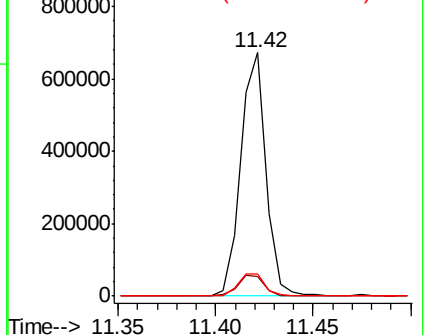


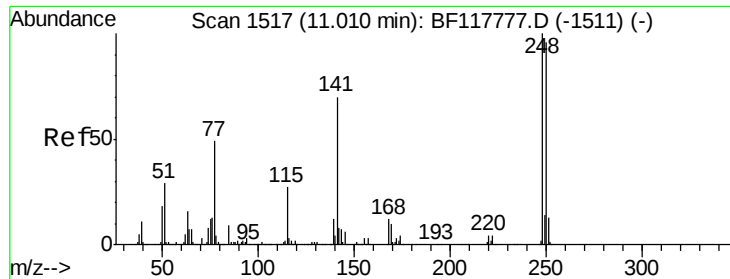
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.00 min
Lab File: BF118087.D
Acq: 4 Dec 2019 15:39

Tgt Ion:188	Resp: 601612
Ion Ratio	Lower Upper
188 100	
94 8.0	7.0 10.6
80 9.0	7.2 10.8



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

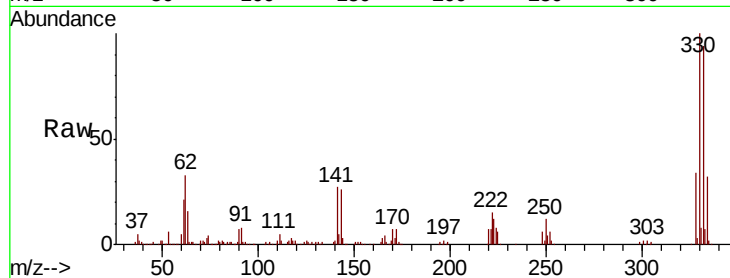




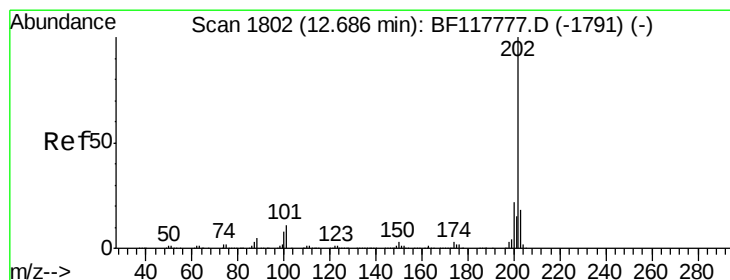
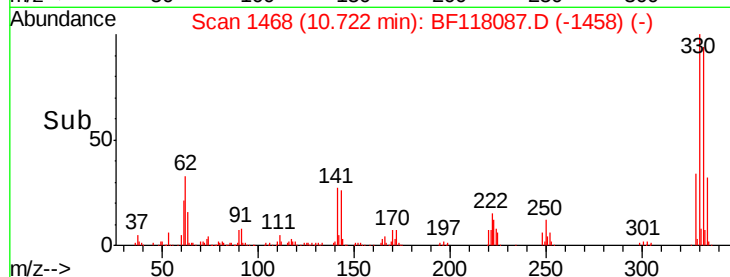
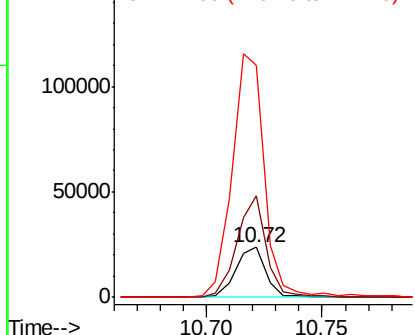
#67
4-Bromophenyl-phenylether
Concen: 3.316 ng
RT: 10.72 min Scan# 1468
Delta R.T. -0.24 min
Lab File: BF118087.D
Acq: 4 Dec 2019 15:39

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 21526
Ion Ratio Lower Upper
248 100
250 203.4 78.0 117.0#
141 466.6 64.0 96.0#

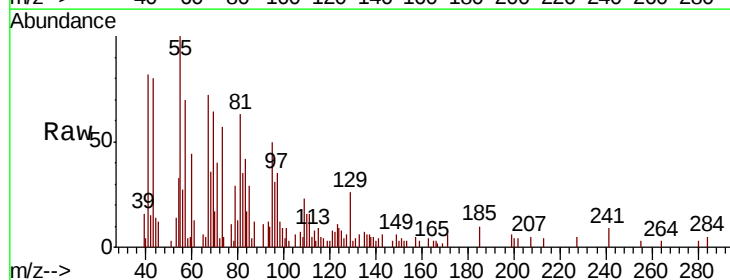


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

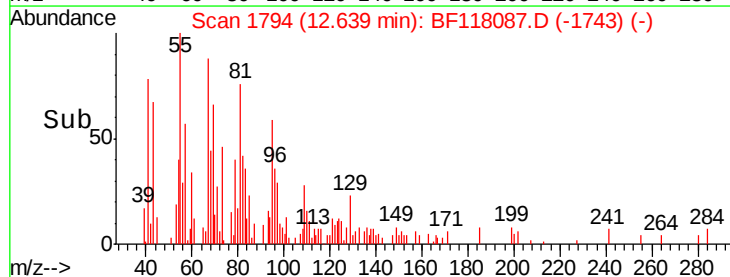
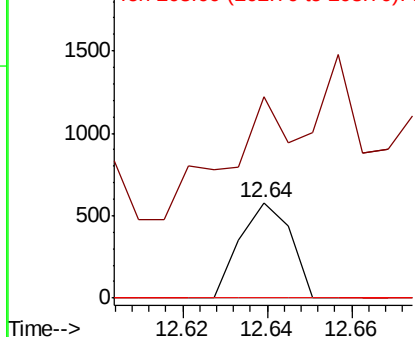


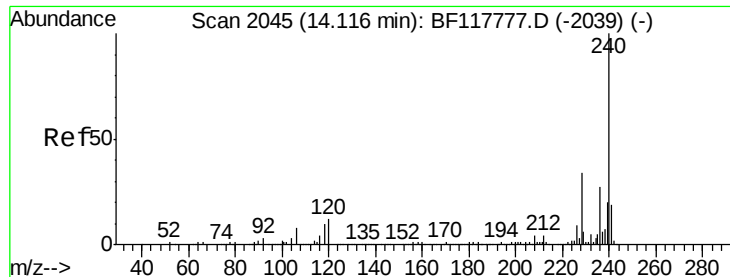
#75
Fluoranthene
Concen: Below Cal
RT: 12.64 min Scan# 1794
Delta R.T. -0.00 min
Lab File: BF118087.D
Acq: 4 Dec 2019 15:39

Tgt Ion:202 Resp: 484
Ion Ratio Lower Upper
202 100
101 211.6 0.0 31.5#
203 0.0 0.0 37.6



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

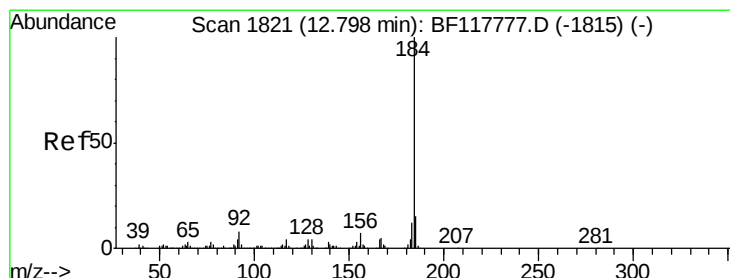
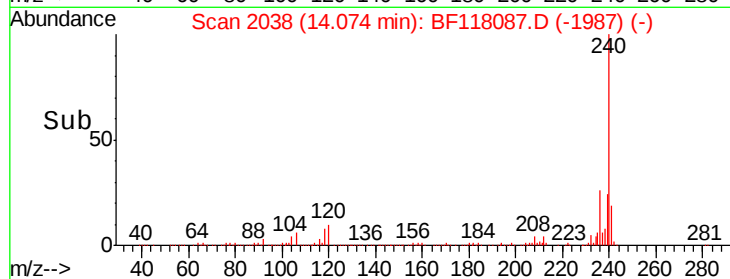
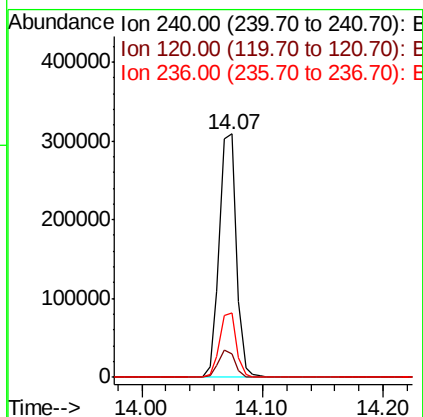
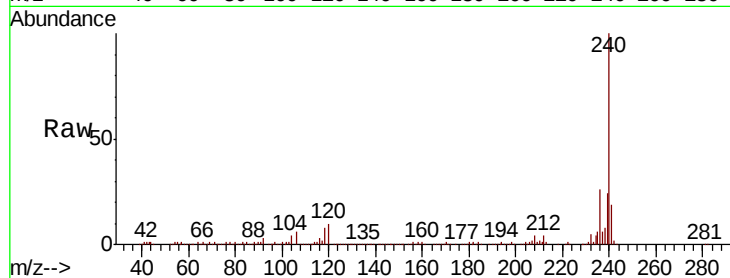




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.07 min Scan# 2038
 Delta R.T. -0.00 min
 Lab File: BF118087.D
 Acq: 4 Dec 2019 15:39

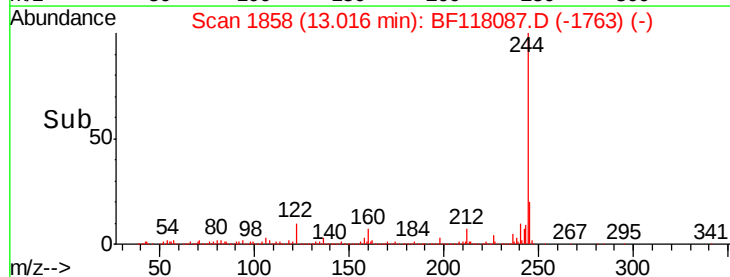
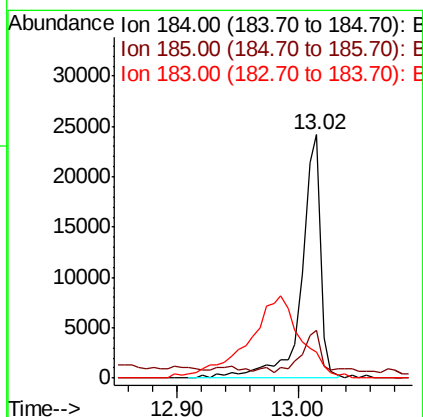
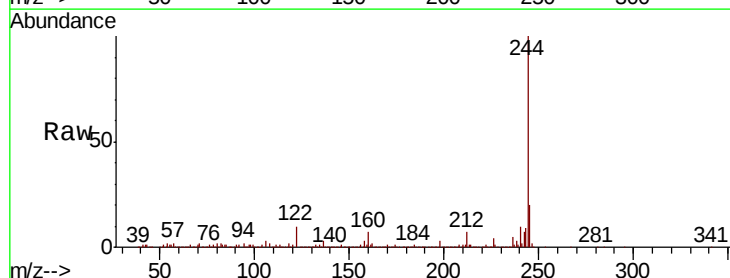
Instrument :
 BNA_F
 ClientSampleId :

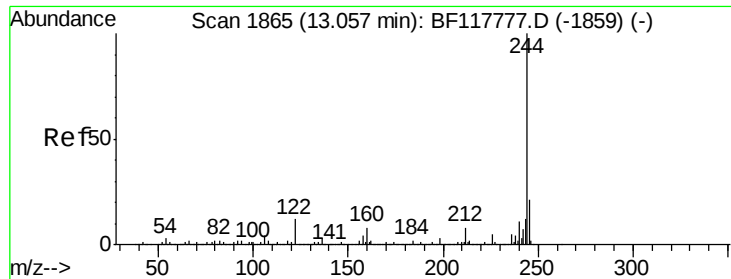
Tot Ion:240 Resp: 300959
 Ion Ratio Lower Upper
 240 100
 120 9.6 8.4 12.6
 236 26.3 20.6 31.0



#77
 Benzidine
 Concen: 2.676 ng
 RT: 13.02 min Scan# 1858
 Delta R.T. 0.26 min
 Lab File: BF118087.D
 Acq: 4 Dec 2019 15:39

Tgt Ion:184 Resp: 26381
 Ion Ratio Lower Upper
 184 100
 185 19.5 11.6 17.4#
 183 10.7 9.7 14.5





#79

Terphenyl-d14

Concen: 97.217 ng

RT: 13.02 min Scan# 1858

Delta R.T. -0.00 min

Lab File: BF118087.D

Acq: 4 Dec 2019 15:39

Instrument :

BNA_F

ClientSampleId :

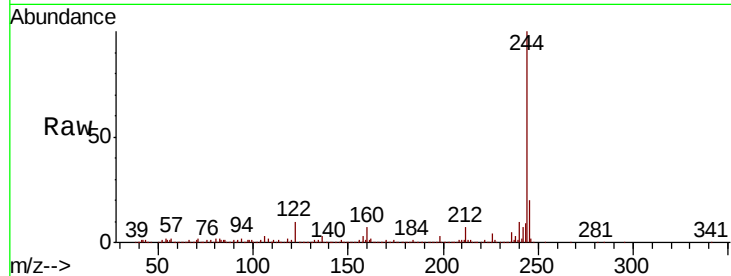
Tot Ion:244 Resp: 1600902

Ion Ratio Lower Upper

244 100

212 6.9 5.2 7.8

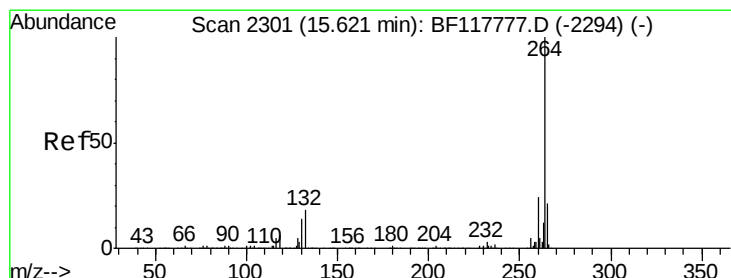
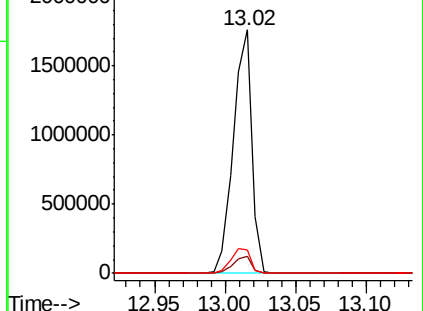
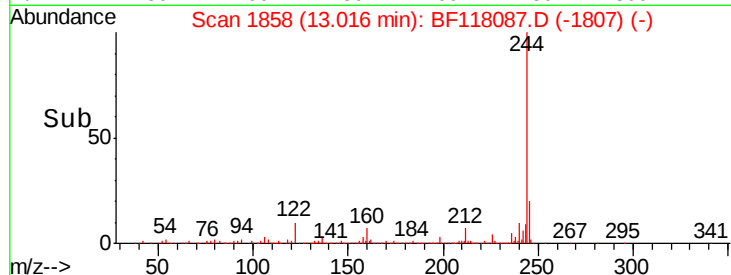
122 9.6 7.2 10.8



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: 15.57 min Scan# 2292

Delta R.T. -0.00 min

Lab File: BF118087.D

Acq: 4 Dec 2019 15:39

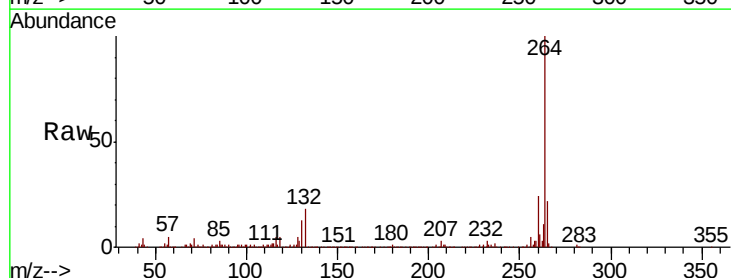
Tgt Ion:264 Resp: 375012

Ion Ratio Lower Upper

264 100

260 24.2 19.0 28.6

265 21.6 16.4 24.6



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

