

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121619\
 Data File : BF118218.D
 Acq On : 17 Dec 2019 1:22
 Operator : JU
 Sample : K6110-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 17 04:40:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 06 17:34:43 2019
 Response via : Initial Calibration

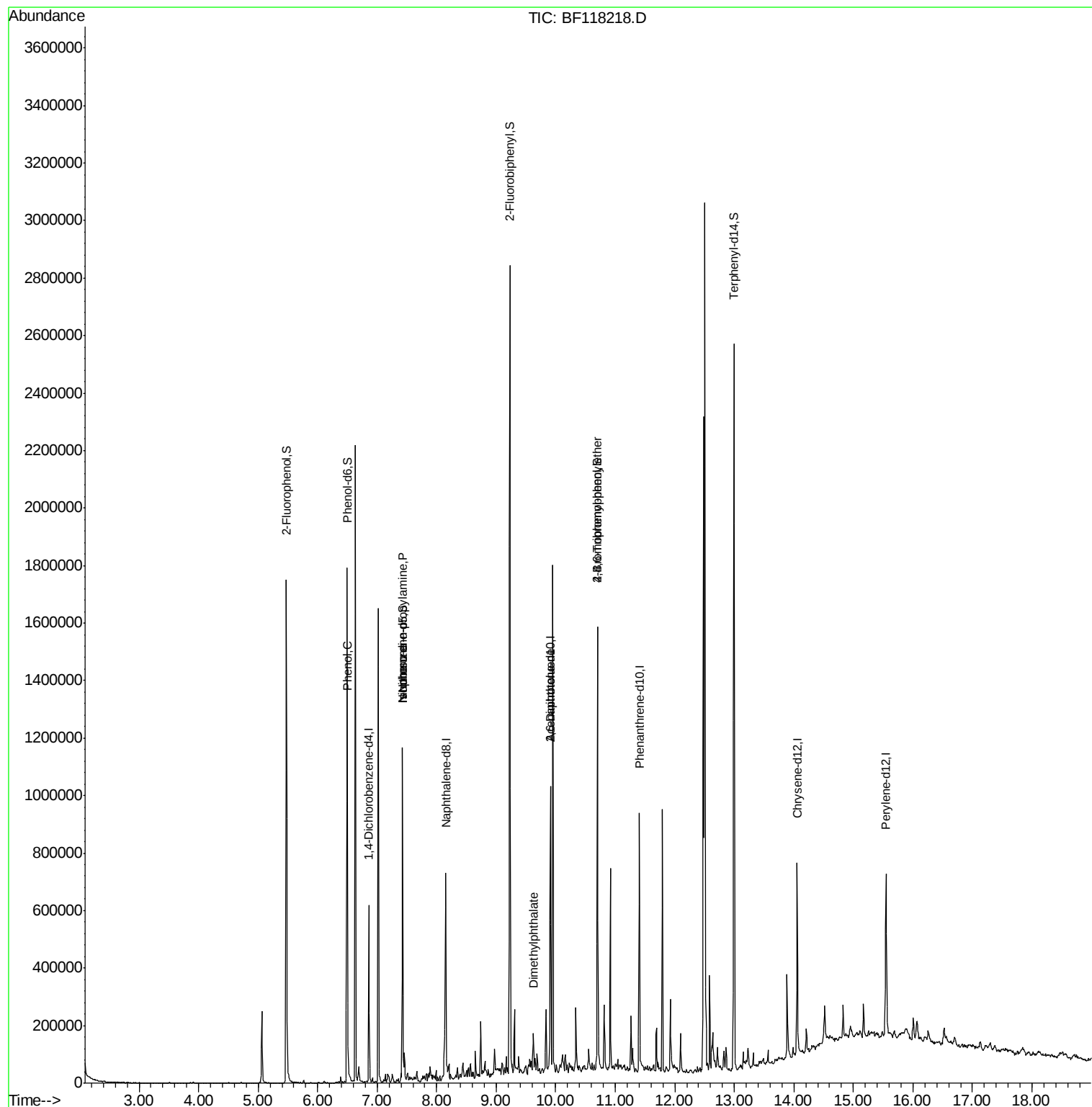
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	87087	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	339872	20.00	ng	0.00
39) Acenaphthene-d10	9.91	164	179318	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	317111	20.00	ng	0.00
76) Chrysene-d12	14.06	240	231547	20.00	ng	-0.01
87) Perylene-d12	15.54	264	269736	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	486732	97.89	ng	0.00
7) Phenol-d6	6.49	99	620586	103.19	ng	0.00
23) Nitrobenzene-d5	7.43	82	364015	60.25	ng	-0.01
42) 2,4,6-Tribromophenol	10.70	330	199057	91.38	ng	-0.01
45) 2-Fluorobiphenyl	9.23	172	788255	66.89	ng	-0.01
79) Terphenyl-d14	12.99	244	825222	61.29	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.39	77	598	Below Cal	Qvalue	# 1
10) Phenol	6.50	94	16584	2.418 ng		78
19) n-Nitroso-di-n-propylamine	7.43	70	48110	13.165 ng	#	76
25) Isophorone	7.43	82	360548	35.205 ng	#	62
50) Dimethylphthalate	9.62	163	29657	2.239 ng		99
51) 2,6-Dinitrotoluene	9.91	165	25143	8.730 ng	#	27
67) 4-Bromophenyl-phenylether	10.70	248	12618	3.486 ng	#	1

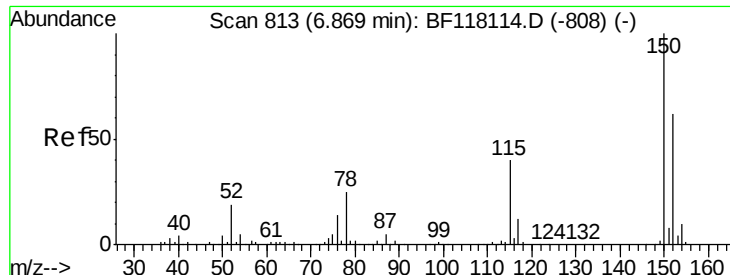
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 17 04:40:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 06 17:34:43 2019
Response via : Initial Calibration



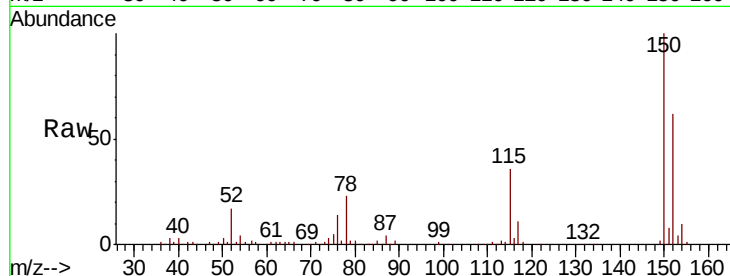


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF118218.D
Acq: 17 Dec 2019 1:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.2	128.3	192.5
115	58.4	51.1	76.7

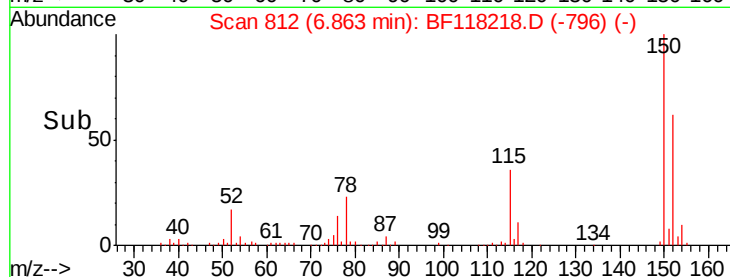
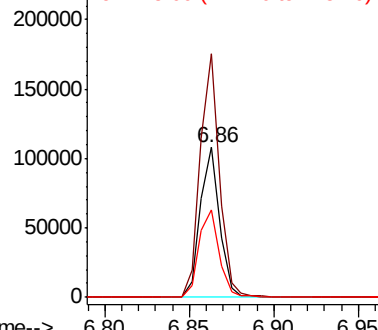


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

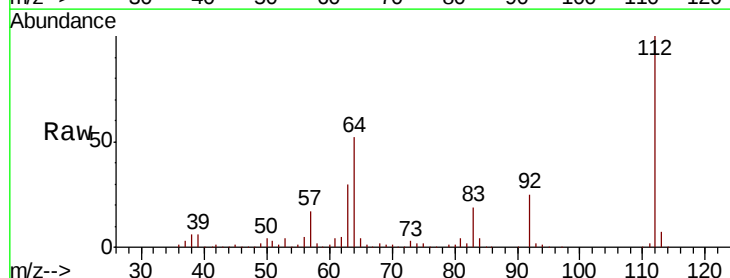
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 97.890 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF118218.D
Acq: 17 Dec 2019 1:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.2	41.3	61.9
63	29.9	22.4	33.6

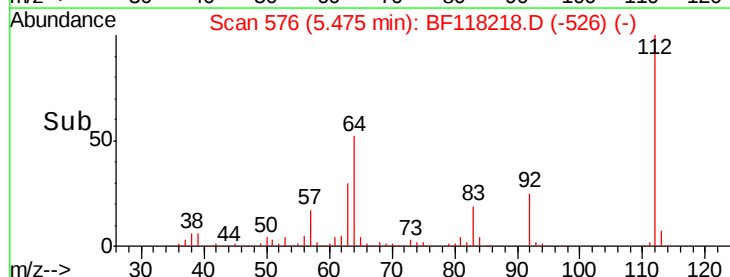
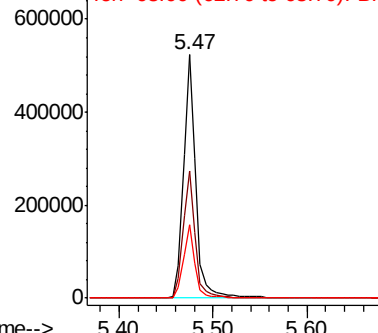


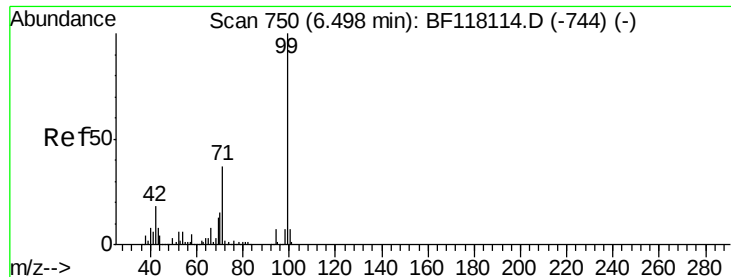
Abundance

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: 103.189 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF118218.D

Acq: 17 Dec 2019 1:22

Instrument :

BNA_F

ClientSampleId :

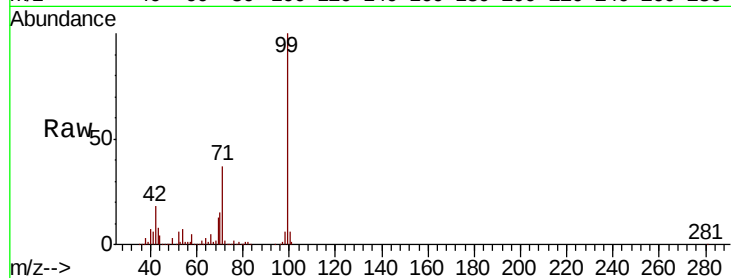
Tot Ion: 99 Resp: 620586

Ion Ratio Lower Upper

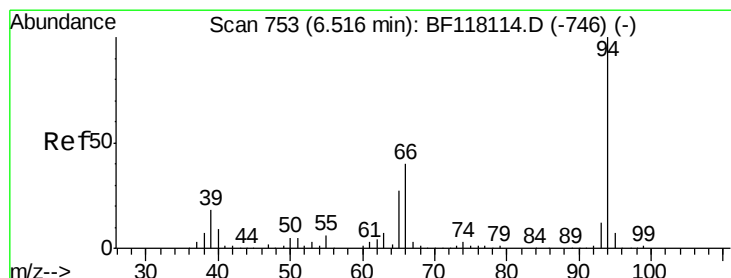
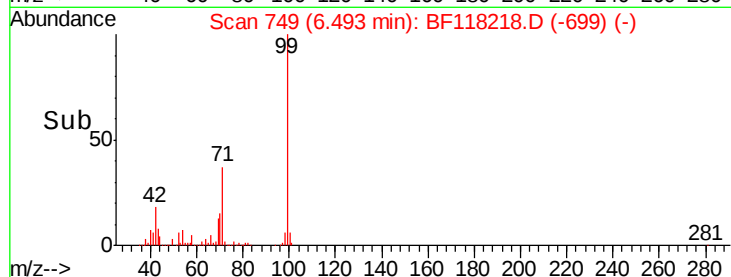
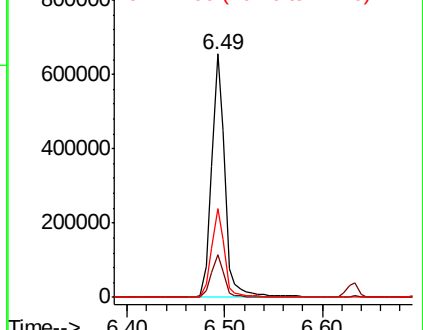
99 100

42 17.5 14.1 21.1

71 36.6 29.7 44.5



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: 2.418 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF118218.D

Acq: 17 Dec 2019 1:22

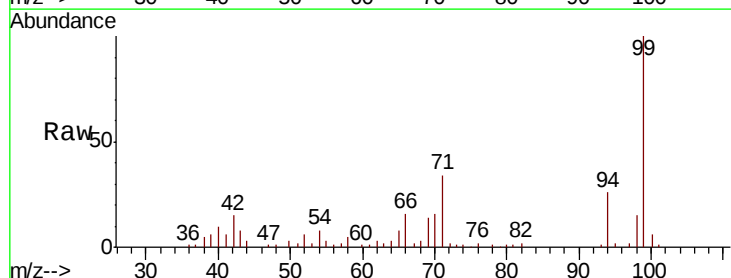
Tgt Ion: 94 Resp: 16584

Ion Ratio Lower Upper

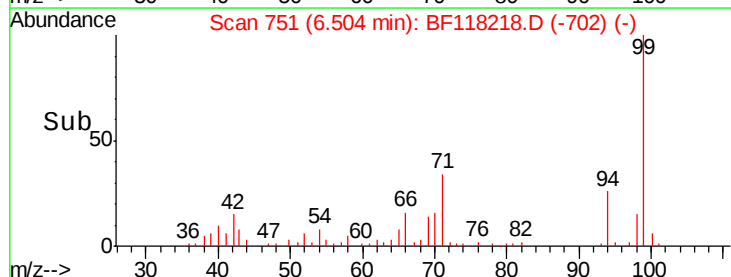
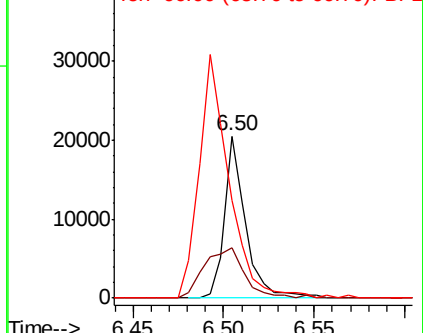
94 100

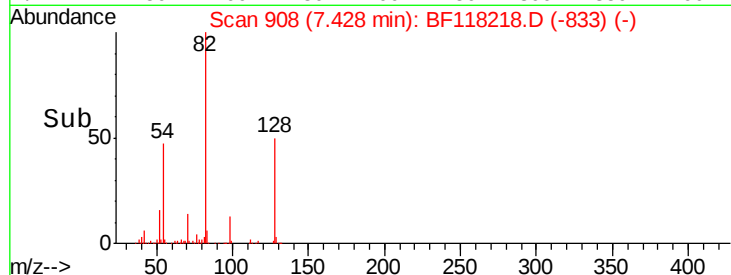
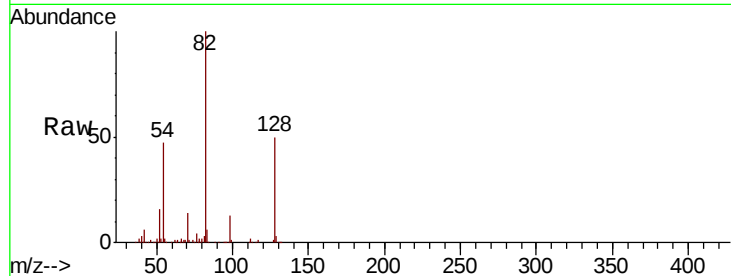
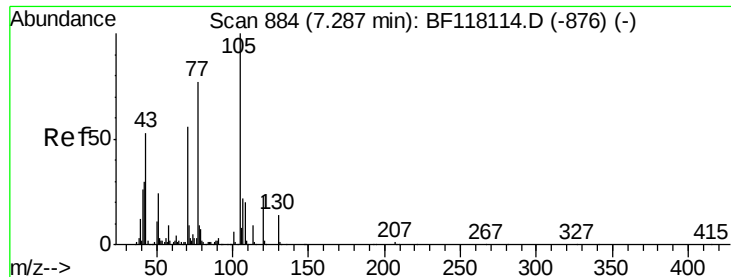
65 31.2 7.3 47.3

66 59.9 20.2 60.2



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

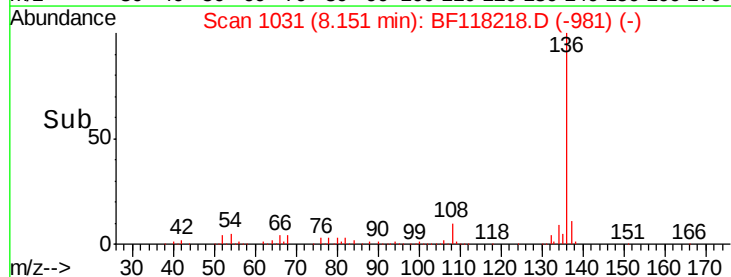
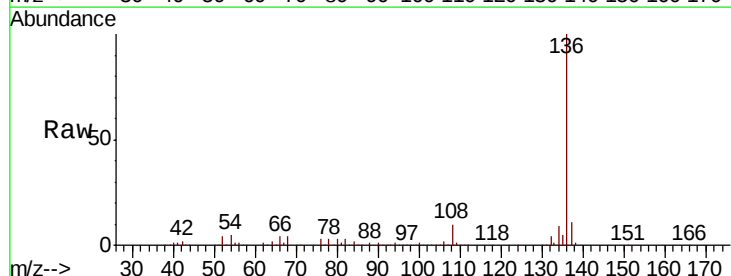
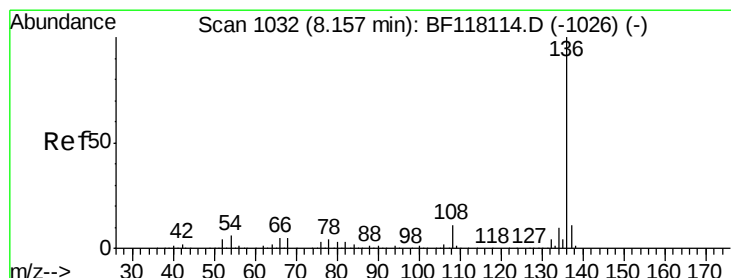
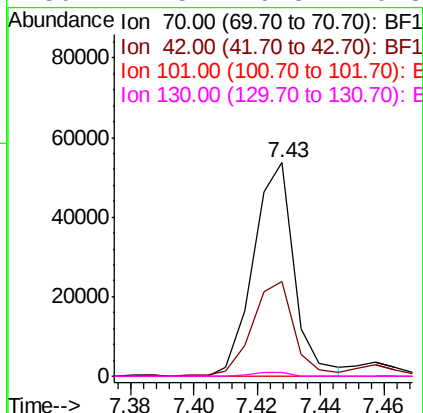




#19
n-Nitroso-di-n-propylamine
Concen: 13.165 ng
RT: 7.43 min Scan# 908
Delta R.T. 0.14 min
Lab File: BF118218.D
Acq: 17 Dec 2019 1:22

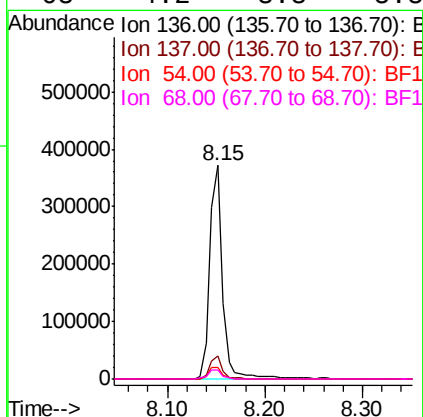
Instrument :
BNA_F
ClientSampleId :

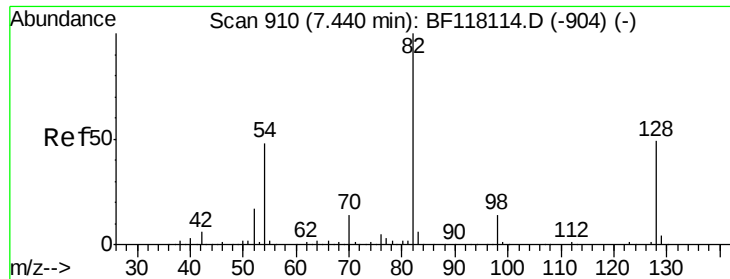
Tot Ion: 70 Resp: 48110
Ion Ratio Lower Upper
70 100
42 44.6 43.2 64.8
101 0.0 8.1 12.1#
130 1.5 19.8 29.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF118218.D
Acq: 17 Dec 2019 1:22

Tgt Ion: 136 Resp: 339872
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.6
54 5.2 5.0 7.6
68 4.2 3.8 5.8

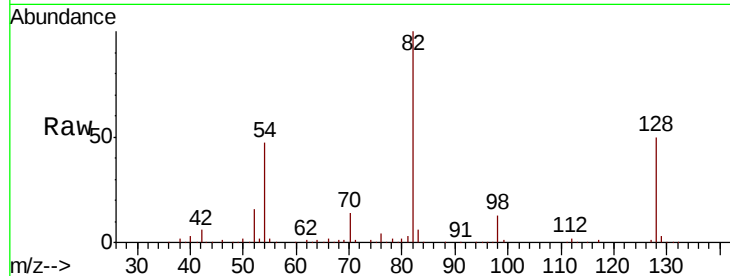




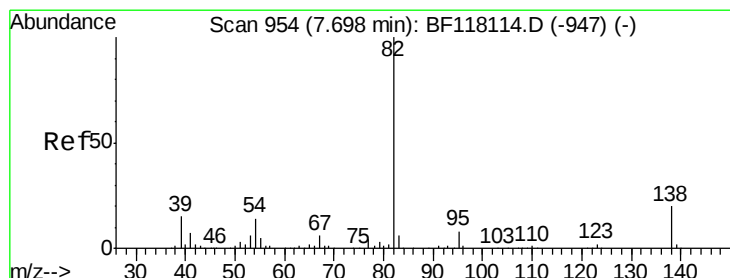
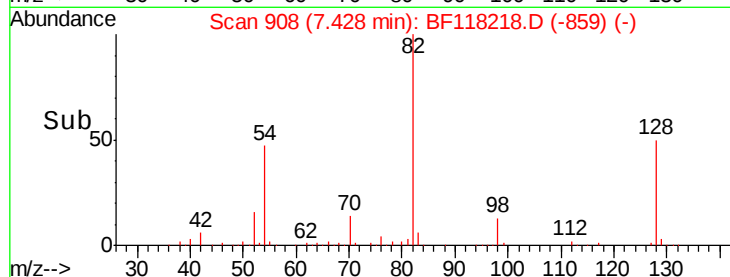
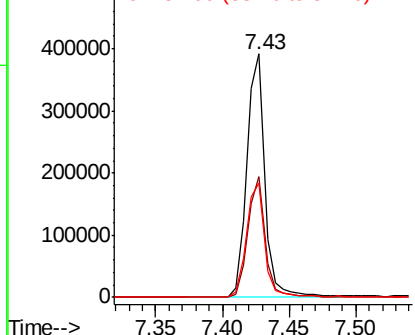
#23
Nitrobenzene-d5
Concen: 60.254 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF118218.D
Acq: 17 Dec 2019 1:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	364015
Ion Ratio	Lower	Upper	
82	100		
128	49.8	39.1	58.7
54	47.1	38.2	57.2

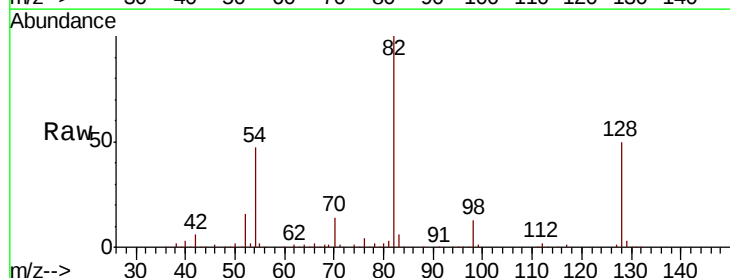


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

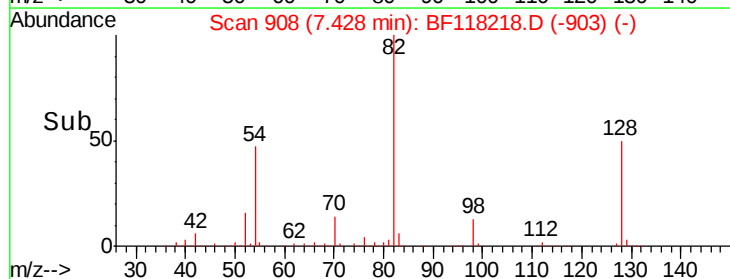
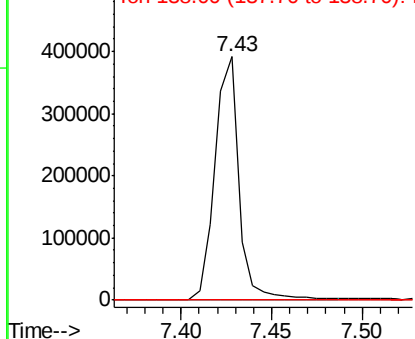


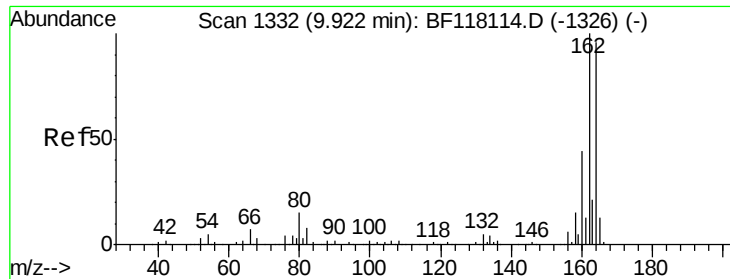
#25
Isophorone
Concen: 35.205 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.27 min
Lab File: BF118218.D
Acq: 17 Dec 2019 1:22

Tgt Ion	82	Resp	360548
Ion Ratio	Lower	Upper	
82	100		
95	0.1	6.3	9.5#
138	0.0	16.3	24.5#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

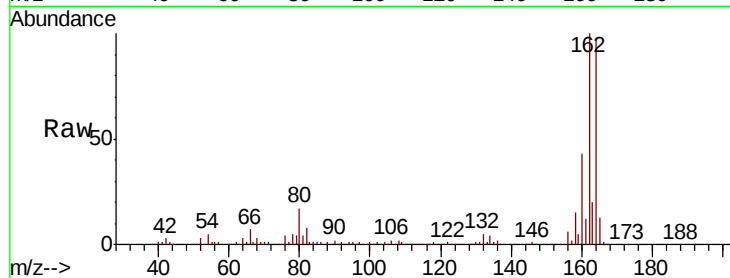




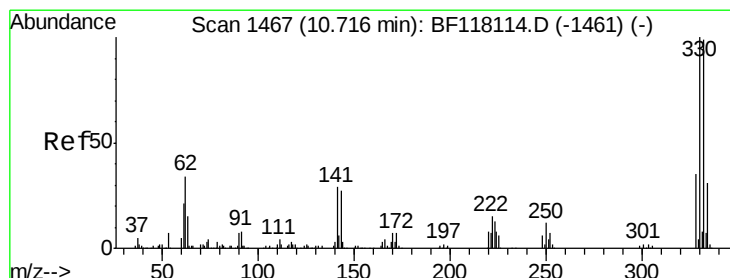
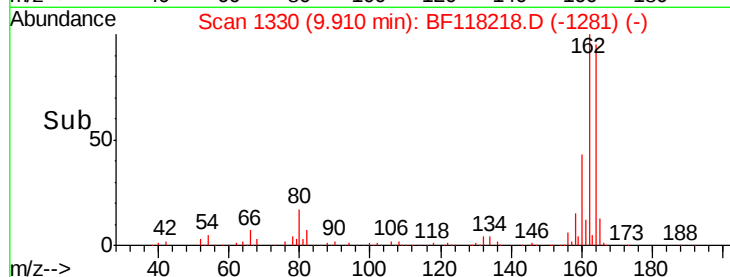
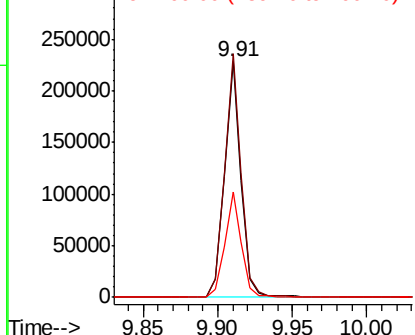
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF118218.D
Acq: 17 Dec 2019 1:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 179318
Ion Ratio Lower Upper
164 100
162 103.4 83.4 125.0
160 44.6 36.6 54.8

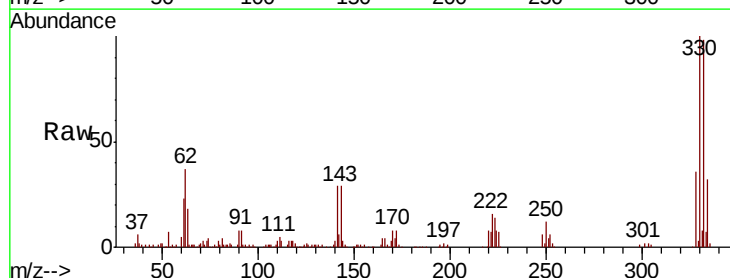


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

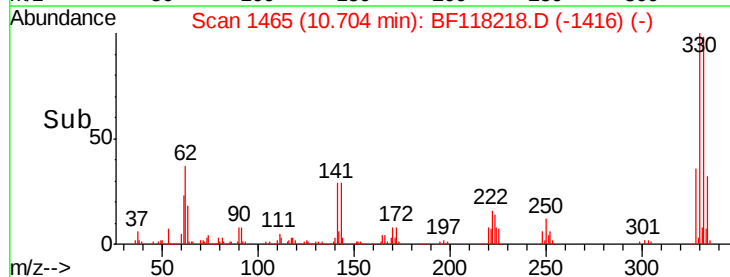
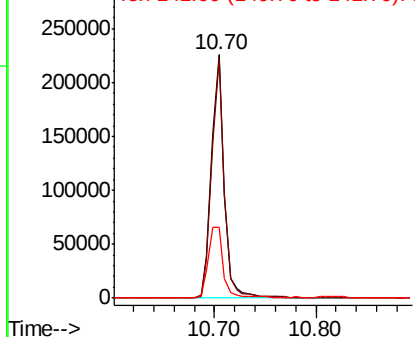


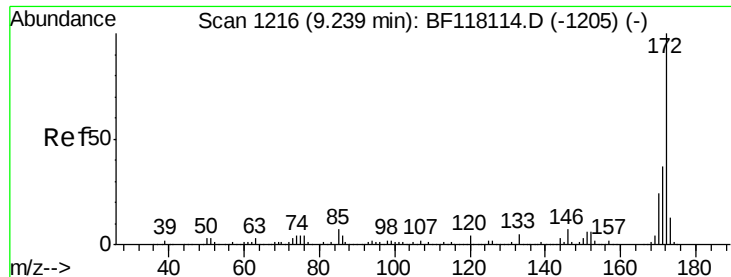
#42
2,4,6-Tribromophenol
Concen: 91.378 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.01 min
Lab File: BF118218.D
Acq: 17 Dec 2019 1:22

Tgt Ion:330 Resp: 199057
Ion Ratio Lower Upper
330 100
332 97.7 78.1 117.1
141 33.7 26.9 40.3



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

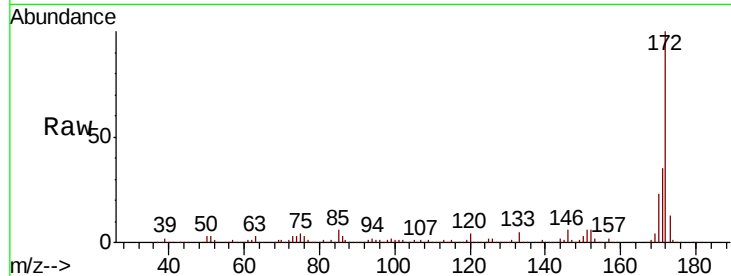




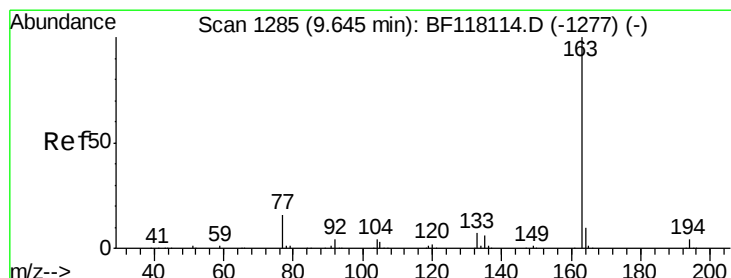
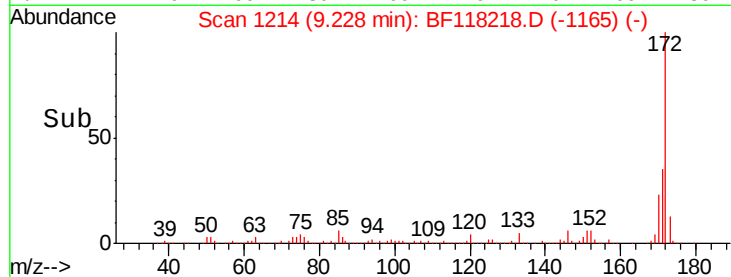
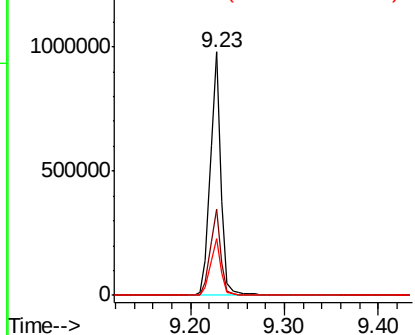
#45
2-Fluorobiphenyl
Concen: 66.889 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF118218.D
Acq: 17 Dec 2019 1:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.2	43.8
170	23.1	19.4	29.2

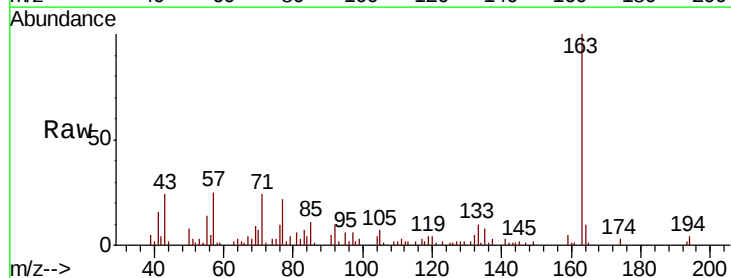


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

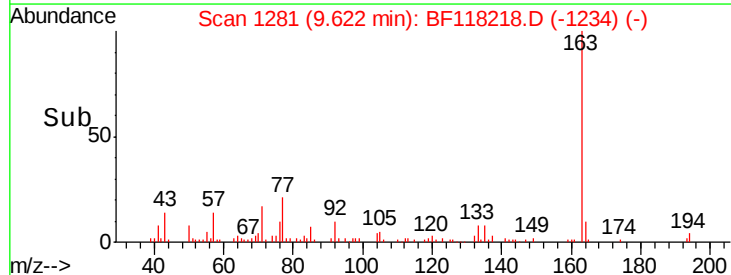
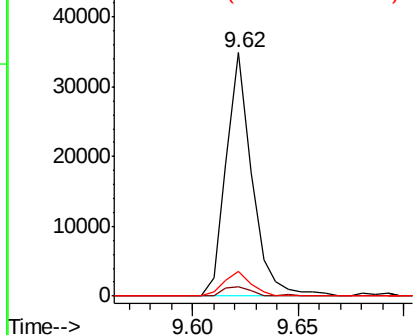


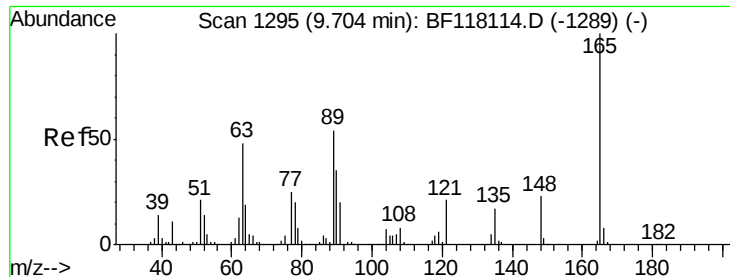
#50
Dimethylphthalate
Concen: 2.239 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BF118218.D
Acq: 17 Dec 2019 1:22

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.1	4.7
164	10.0	7.7	11.5



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

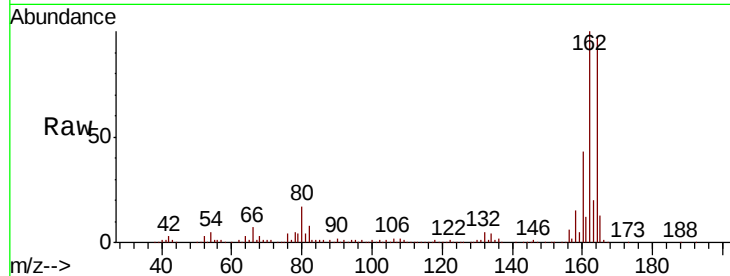




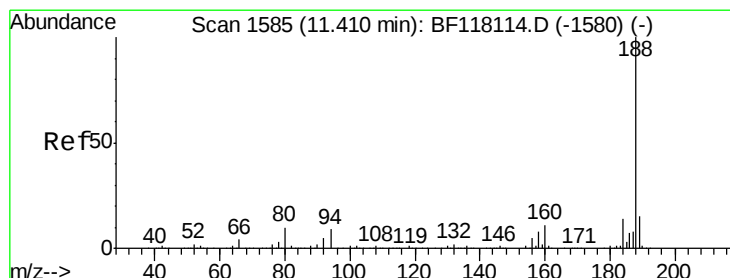
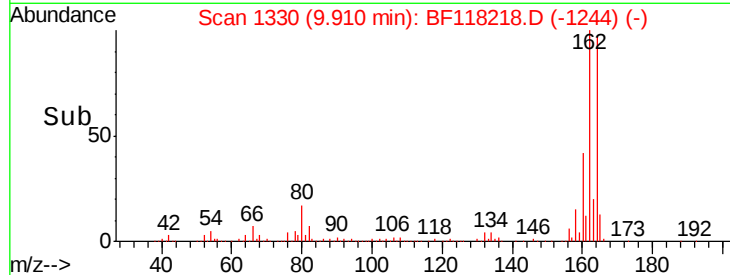
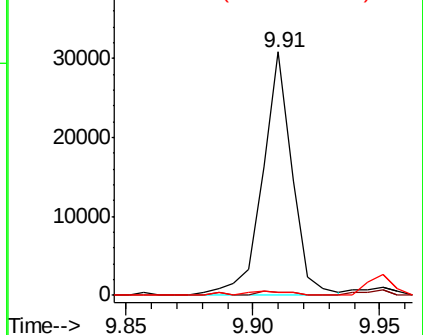
#51
 2,6-Dinitrotoluene
 Concen: 8.730 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. 0.21 min
 Lab File: BF118218.D
 Acq: 17 Dec 2019 1:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	41.4	62.0#
89	1.5	42.9	64.3#

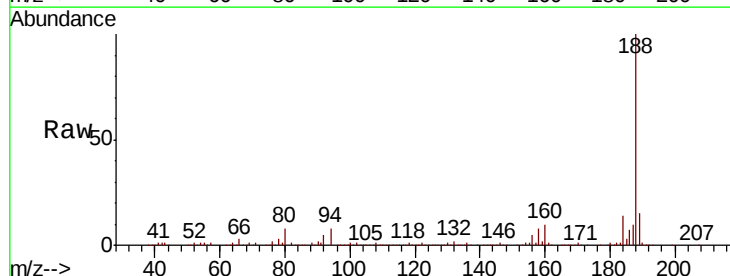


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

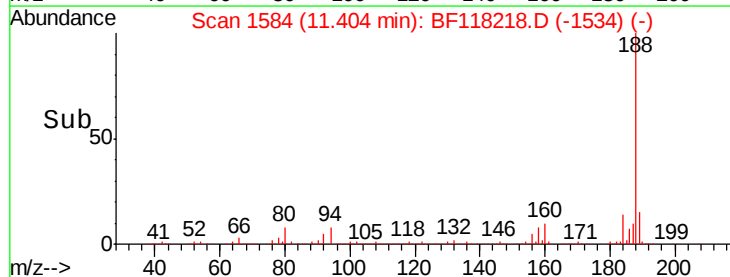
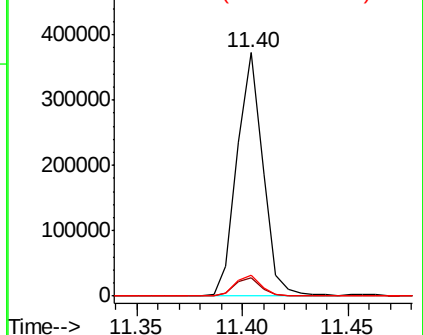


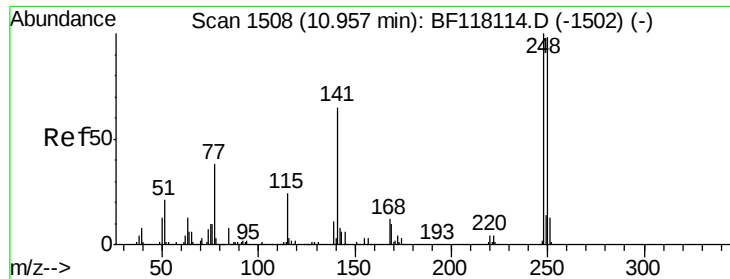
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.01 min
 Lab File: BF118218.D
 Acq: 17 Dec 2019 1:22

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.7	7.1	10.7
80	8.3	7.9	11.9



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

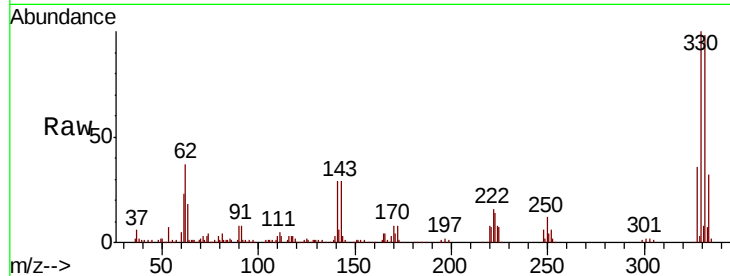




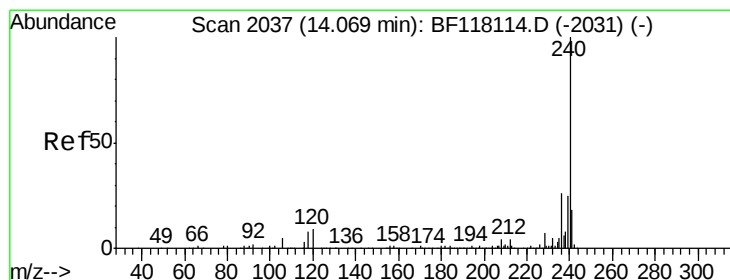
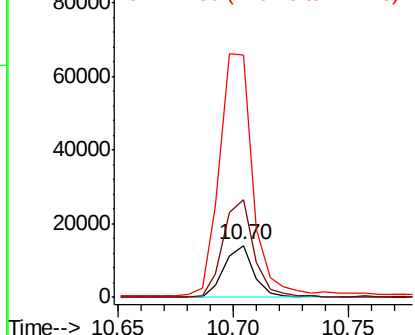
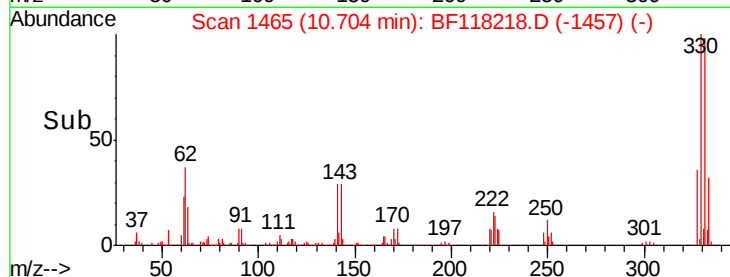
#67
4-Bromophenyl-phenylether
Concen: 3.486 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.25 min
Lab File: BF118218.D
Acq: 17 Dec 2019 1:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 12618
Ion Ratio Lower Upper
248 100
250 188.2 78.3 117.5#
141 470.1 52.2 78.4#

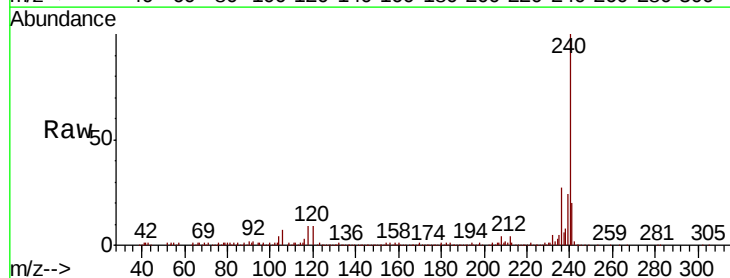


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

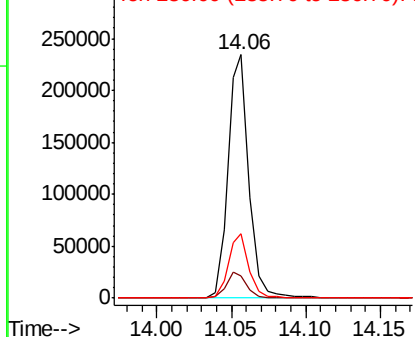
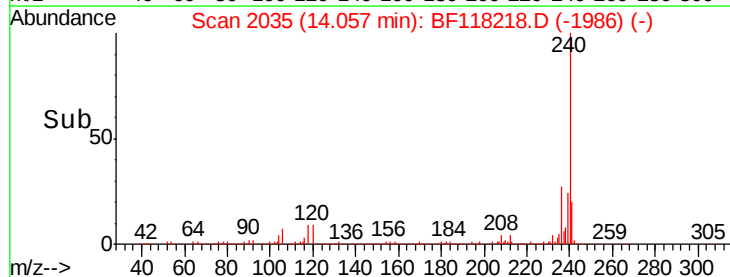


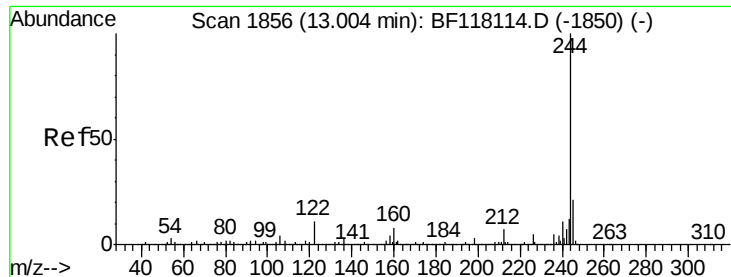
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF118218.D
Acq: 17 Dec 2019 1:22

Tgt Ion:240 Resp: 231547
Ion Ratio Lower Upper
240 100
120 9.3 7.1 10.7
236 26.5 21.0 31.6



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: 61.287 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF118218.D

Acq: 17 Dec 2019 1:22

Instrument :

BNA_F

ClientSampleId :

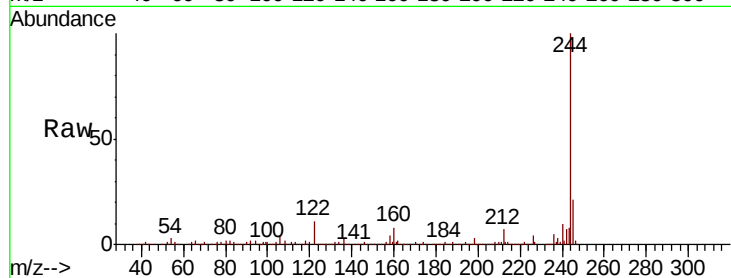
Tot Ion:244 Resp: 825222

Ion Ratio Lower Upper

244 100

212 7.1 5.9 8.9

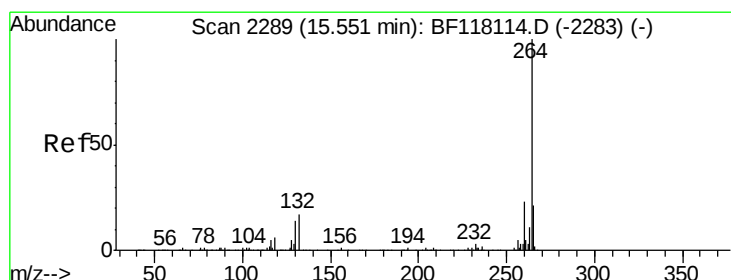
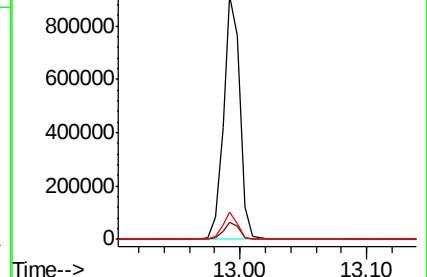
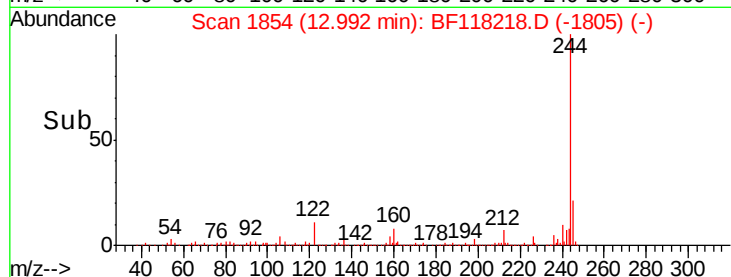
122 11.4 9.0 13.6



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: 15.54 min Scan# 2288

Delta R.T. -0.01 min

Lab File: BF118218.D

Acq: 17 Dec 2019 1:22

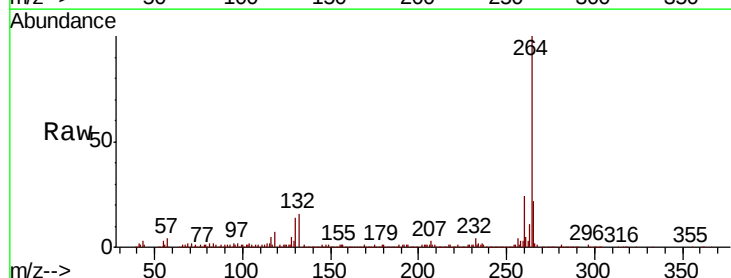
Tgt Ion:264 Resp: 269736

Ion Ratio Lower Upper

264 100

260 24.4 18.6 28.0

265 22.1 16.8 25.2



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

