

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111519\
 Data File : BF117818.D
 Acq On : 15 Nov 2019 22:14
 Operator : JU
 Sample : K5861-20
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 18 01:42:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 18:36:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	200480	20.00	ng	-0.01
21) Naphthalene-d8	8.20	136	780560	20.00	ng	-0.01
39) Acenaphthene-d10	9.97	164	404144	20.00	ng	0.00
64) Phenanthrene-d10	11.46	188	776394	20.00	ng	-0.01
76) Chrysene-d12	14.10	240	557983	20.00	ng	-0.01
87) Perylene-d12	15.61	264	566362	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.52	112	1025606	90.55	ng	-0.01
7) Phenol-d6	6.53	99	1262443	92.41	ng	-0.01
23) Nitrobenzene-d5	7.47	82	739853	56.35	ng	-0.02
42) 2,4,6-Tribromophenol	10.76	330	364592	85.21	ng	-0.01
45) 2-Fluorobiphenyl	9.29	172	1476494	65.54	ng	0.00
79) Terphenyl-d14	13.05	244	1781232	58.34	ng	0.00

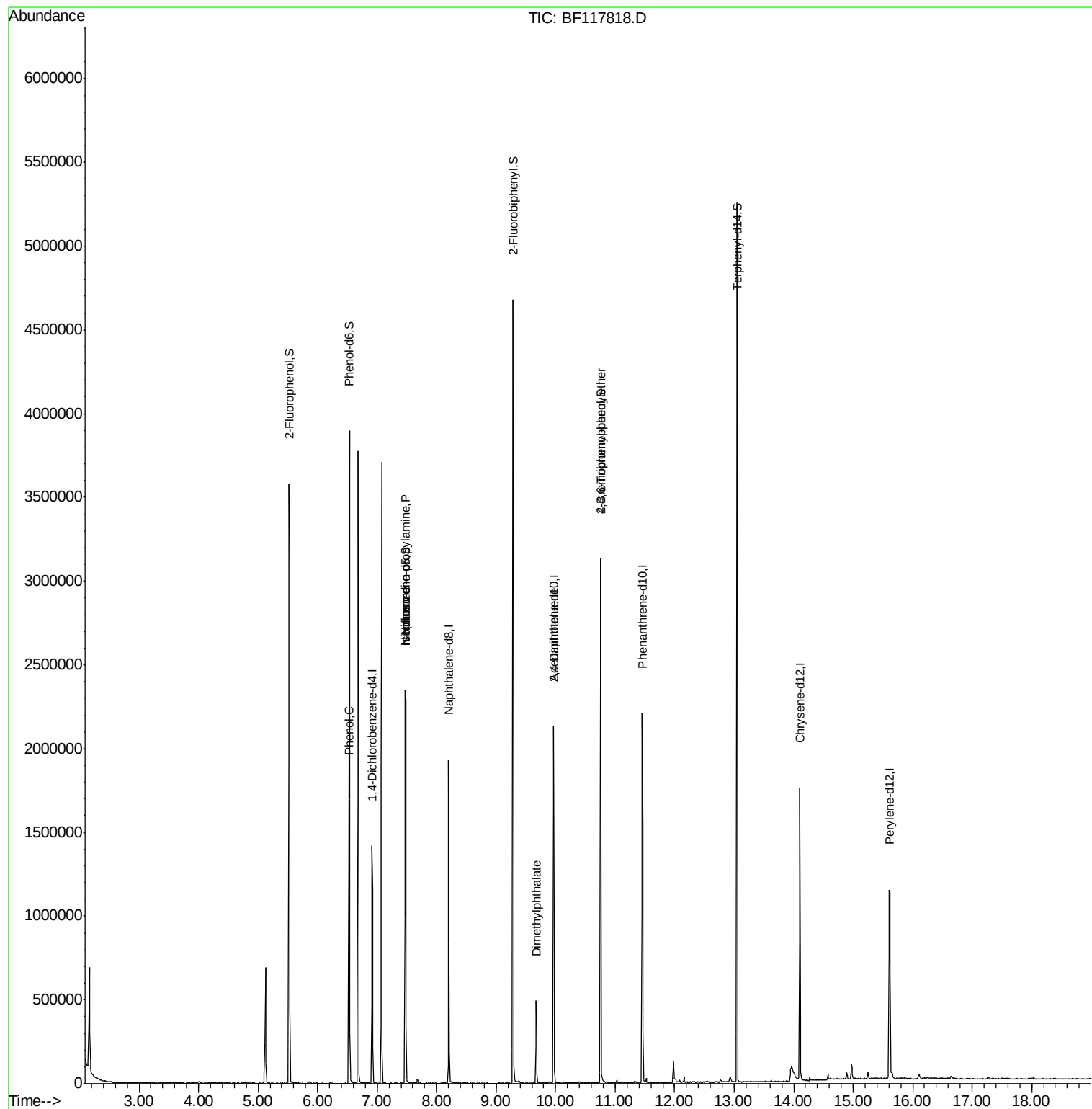
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.53	77	2407	Below Cal		# 1
10) Phenol	6.55	94	53446	3.765	ng	92
19) n-Nitroso-di-n-propylamine	7.47	70	100247	11.895	ng	# 76
25) Isophorone	7.47	82	739845	30.742	ng	# 62
50) Dimethylphthalate	9.67	163	180797	6.380	ng	98
57) 2,4-Dinitrotoluene	9.97	165	52365	6.646	ng	# 24
67) 4-Bromophenyl-phenylether	10.76	248	23216	2.771	ng	# 1
75) Fluoranthene	12.67	202	300	Below Cal		63

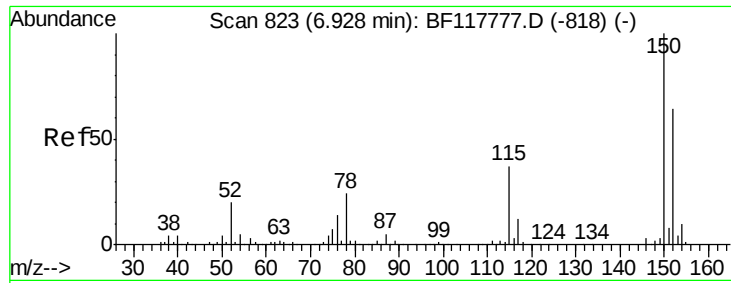
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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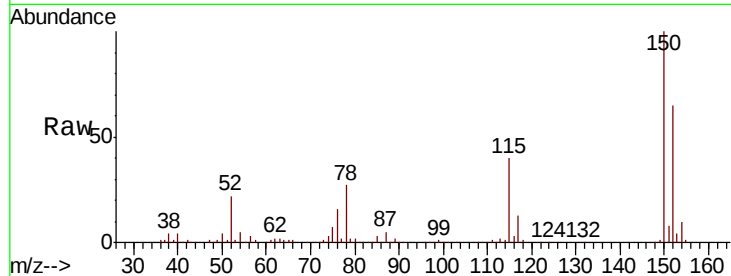


#1

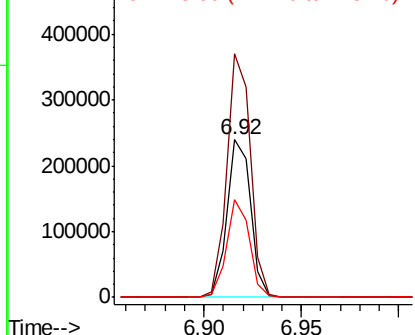
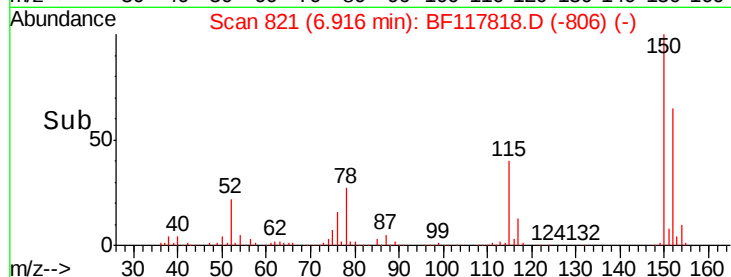
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF117818.D
Acq: 15 Nov 2019 22:14

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 200480
Ion Ratio Lower Upper
152 100
150 154.5 125.3 187.9
115 62.1 47.0 70.4



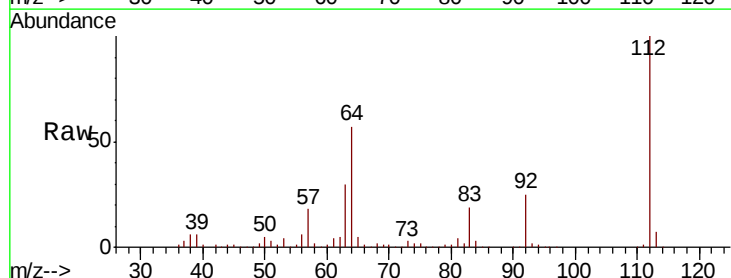
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



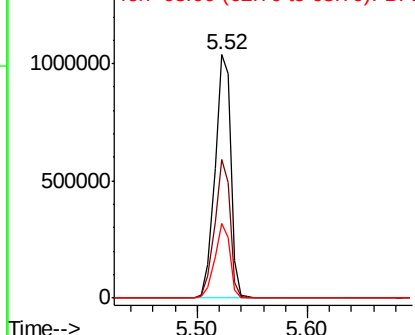
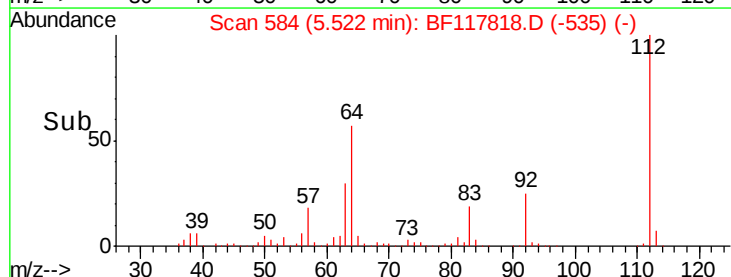
#5

2-Fluorophenol
Concen: 90.554 ng
RT: 5.52 min Scan# 584
Delta R.T. -0.01 min
Lab File: BF117818.D
Acq: 15 Nov 2019 22:14

Tgt Ion:112 Resp: 1025606
Ion Ratio Lower Upper
112 100
64 57.2 45.6 68.4
63 30.4 24.1 36.1



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: 92.413 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF117818.D

Acq: 15 Nov 2019 22:14

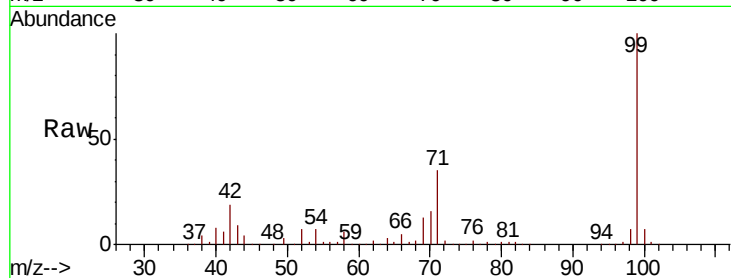
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1262443

Ion	Ratio	Lower	Upper
99	100		
42	18.5	14.9	22.3
71	35.1	28.6	43.0

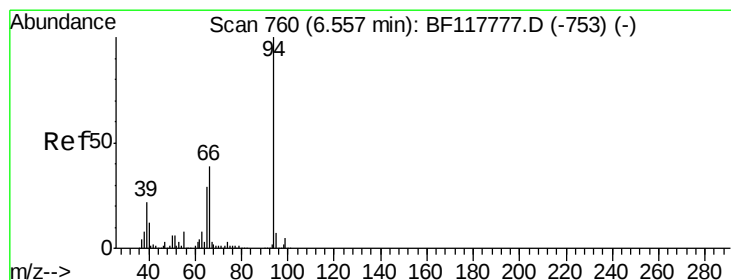
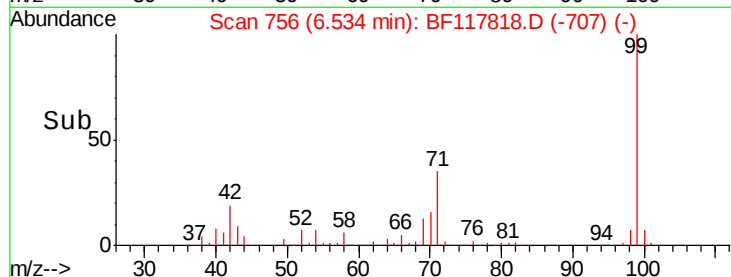
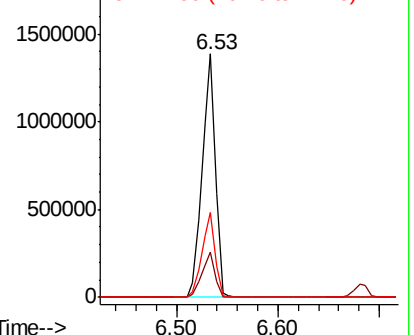


Abundance

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: 3.765 ng

RT: 6.55 min Scan# 758

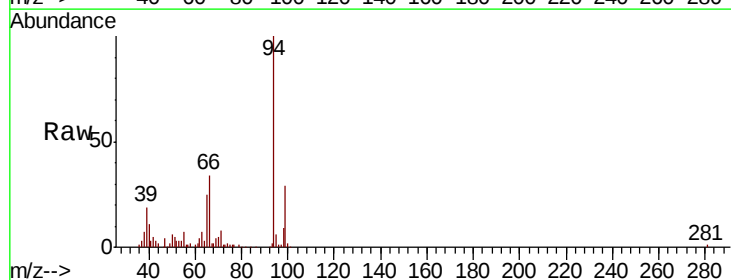
Delta R.T. -0.01 min

Lab File: BF117818.D

Acq: 15 Nov 2019 22:14

Tgt Ion: 94 Resp: 53446

Ion	Ratio	Lower	Upper
94	100		
65	25.3	8.9	48.9
66	33.6	18.7	58.7

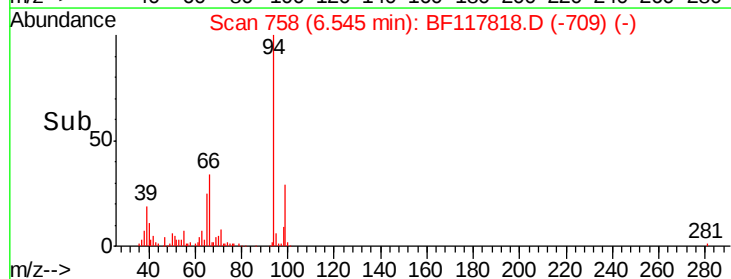
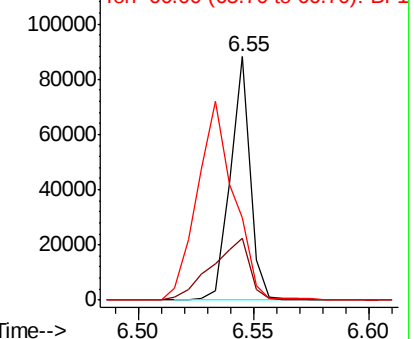


Abundance

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

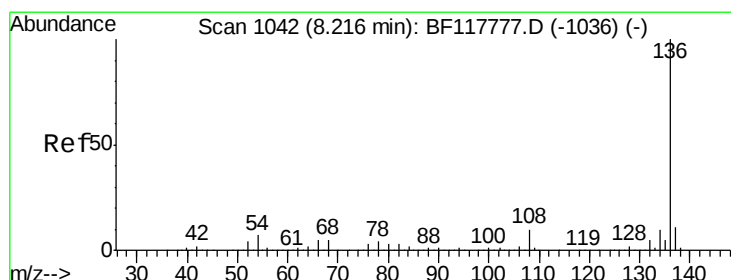
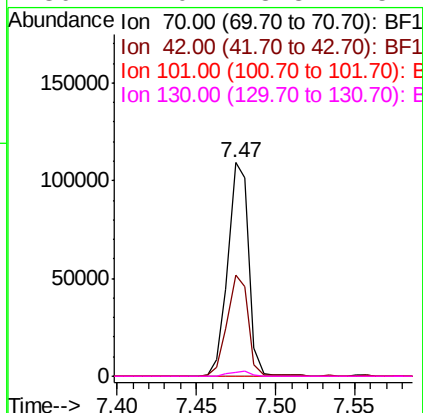
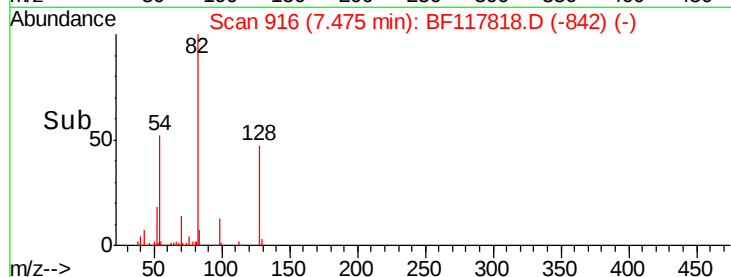
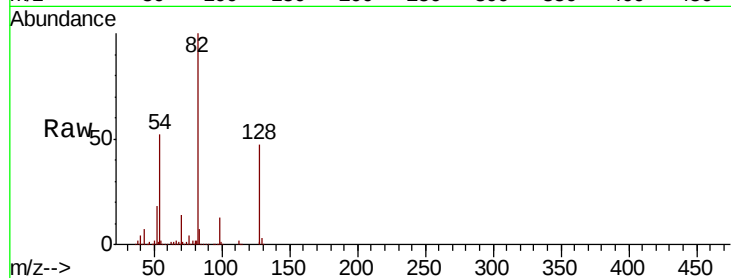




#19
n-Nitroso-di-n-propylamine
Concen: 11.895 ng
RT: 7.47 min Scan# 916
Delta R.T. 0.14 min
Lab File: BF117818.D
Acq: 15 Nov 2019 22:14

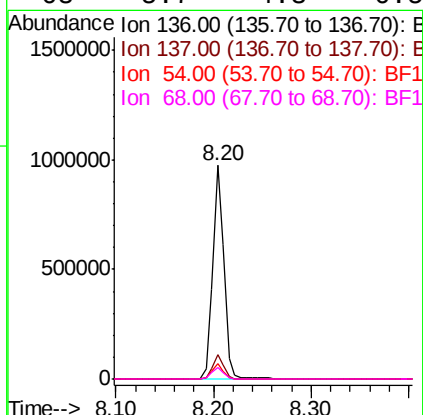
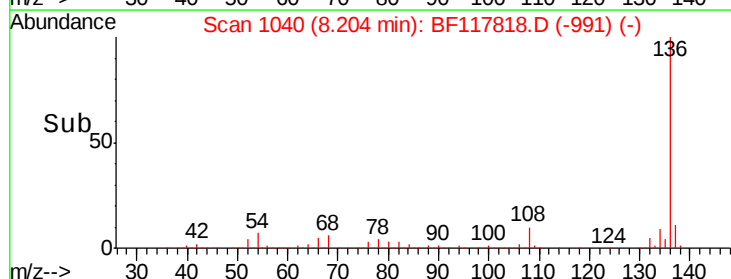
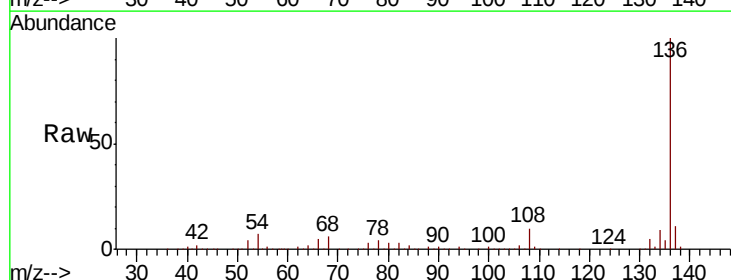
Instrument :
BNA_F
ClientSampleId :

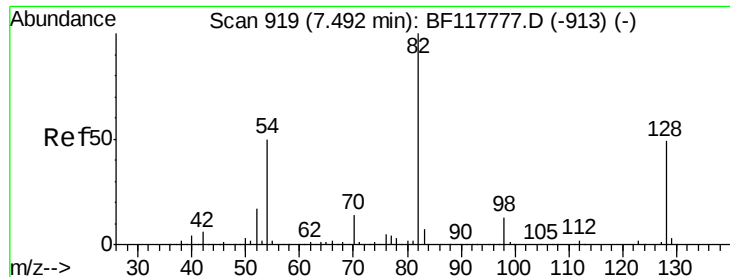
Tot Ion: 70 Resp: 100247
Ion Ratio Lower Upper
70 100
42 47.2 47.4 71.2#
101 0.0 8.4 12.6#
130 2.0 18.8 28.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF117818.D
Acq: 15 Nov 2019 22:14

Tgt Ion: 136 Resp: 780560
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.4
54 7.3 5.4 8.2
68 5.7 4.3 6.5

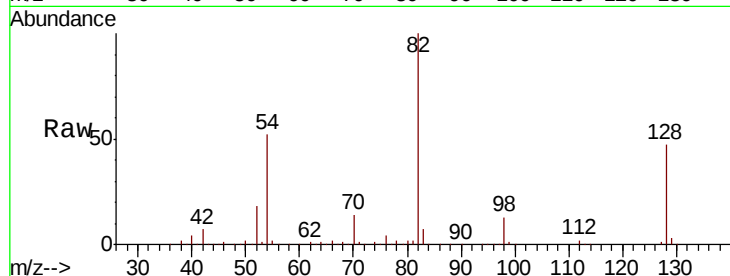




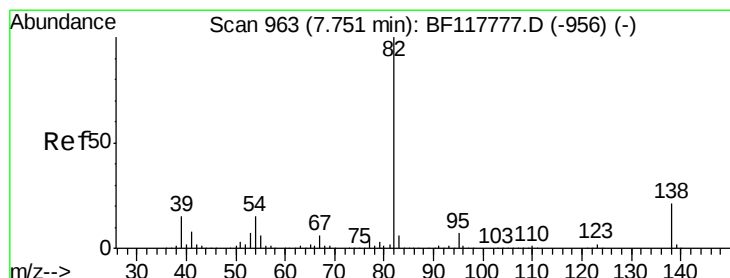
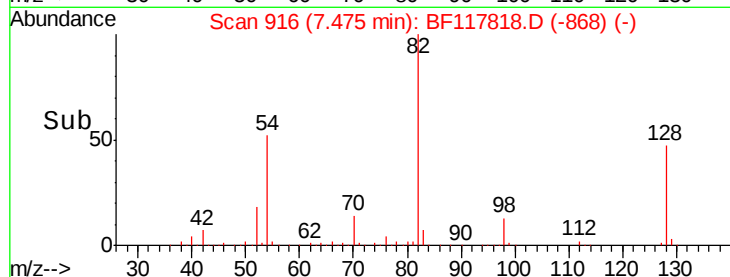
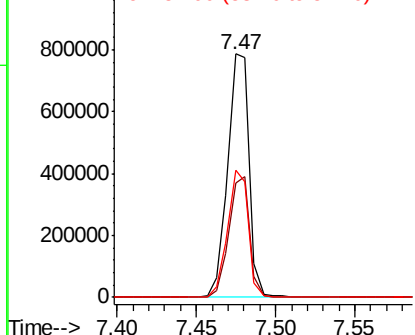
#23
Nitrobenzene-d5
Concen: 56.346 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.02 min
Lab File: BF117818.D
Acq: 15 Nov 2019 22:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.8	38.9	58.3
54	52.0	39.8	59.6

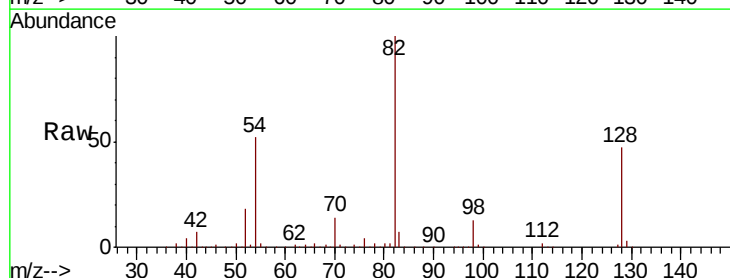


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

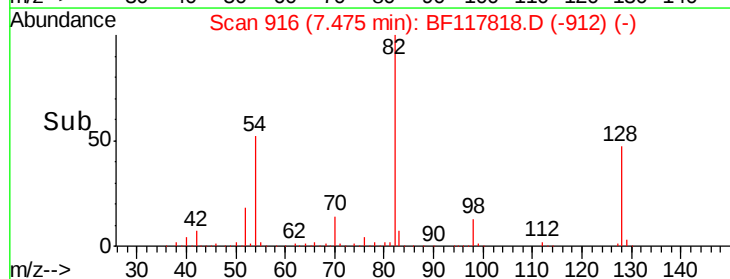
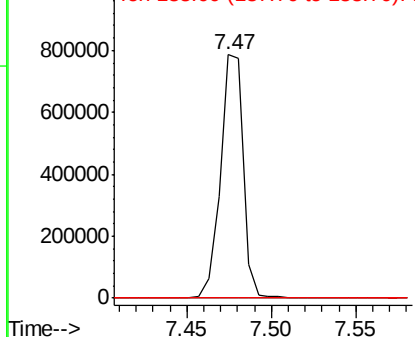


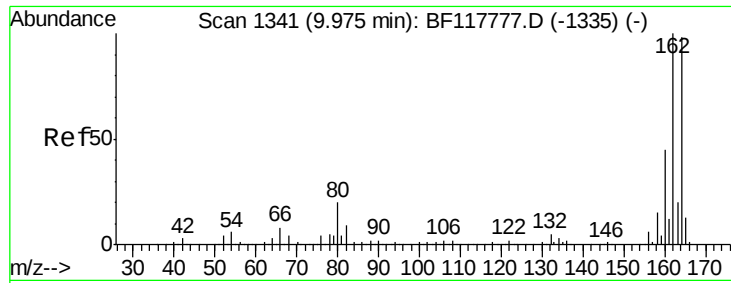
#25
Isophorone
Concen: 30.742 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.28 min
Lab File: BF117818.D
Acq: 15 Nov 2019 22:14

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.8#
138	0.0	16.5	24.7#



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

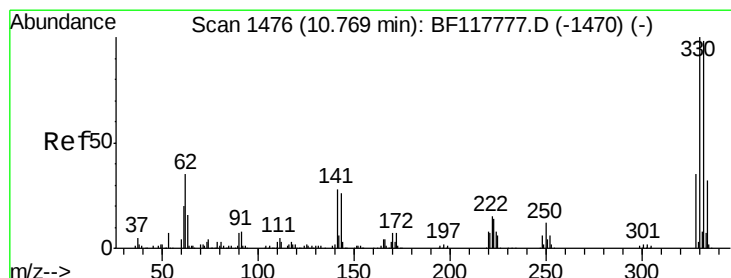
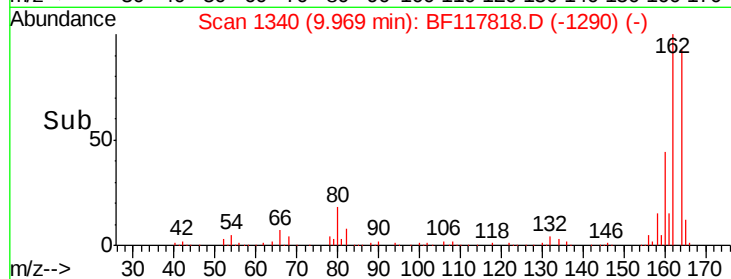
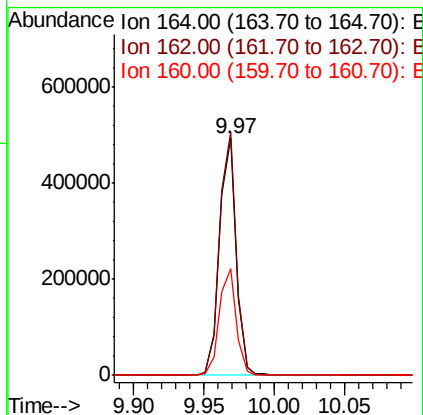
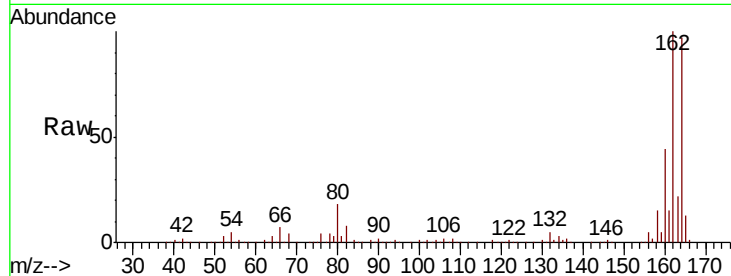




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.97 min Scan# 1340
 Delta R.T. -0.01 min
 Lab File: BF117818.D
 Acq: 15 Nov 2019 22:14

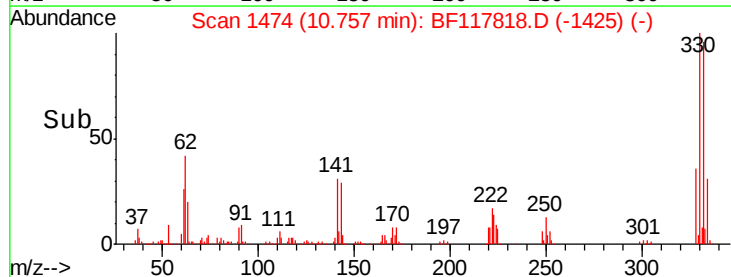
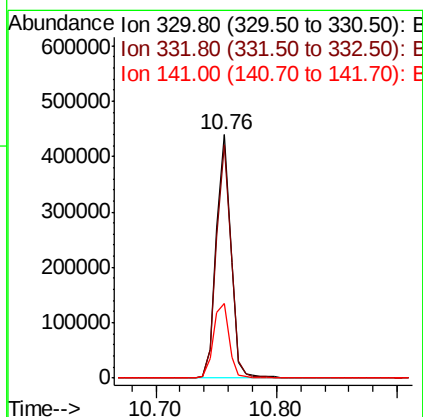
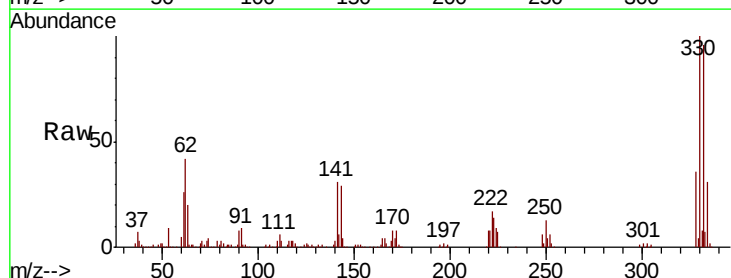
Instrument :
 BNA_F
 ClientSampleId :

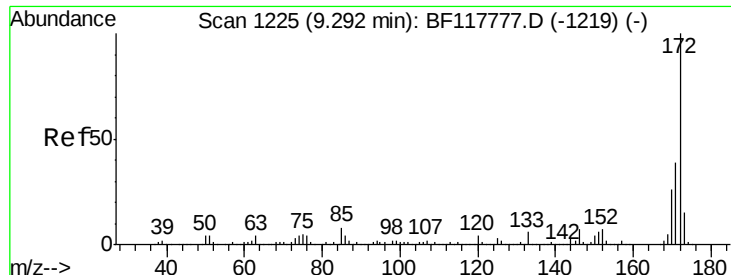
Tot Ion:164 Resp: 404144
 Ion Ratio Lower Upper
 164 100
 162 102.8 81.3 121.9
 160 45.0 36.6 55.0



#42
 2,4,6-Tribromophenol
 Concen: 85.212 ng
 RT: 10.76 min Scan# 1474
 Delta R.T. -0.01 min
 Lab File: BF117818.D
 Acq: 15 Nov 2019 22:14

Tgt Ion:330 Resp: 364592
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.7 115.1
 141 33.3 27.7 41.5

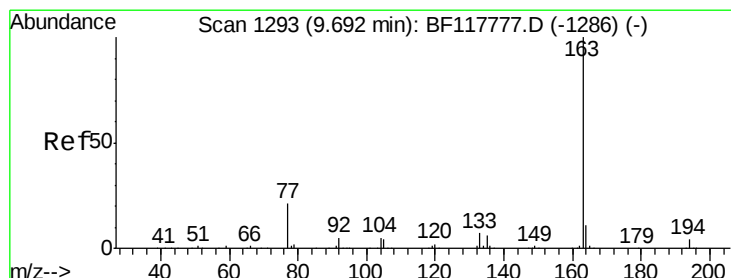
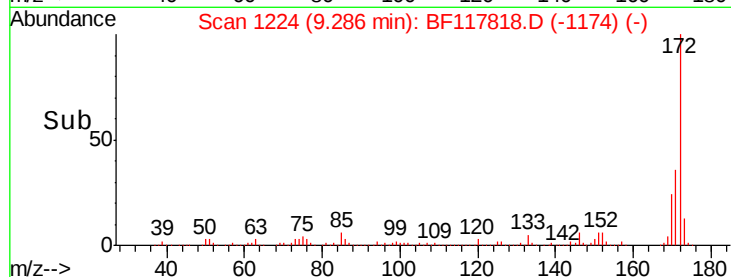
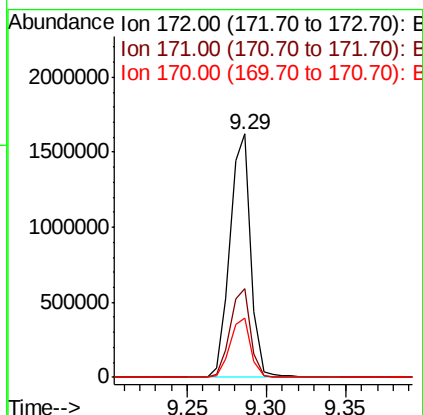
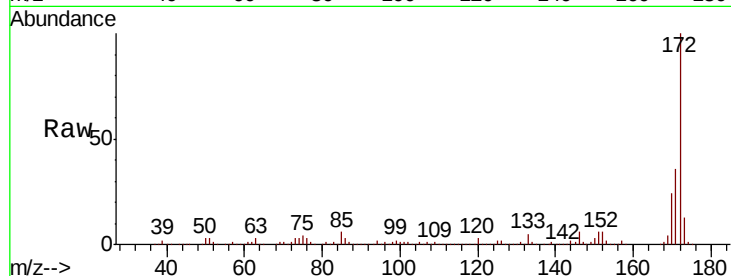




#45
2-Fluorobiphenyl
Concen: 65.543 ng
RT: 9.29 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BF117818.D
Acq: 15 Nov 2019 22:14

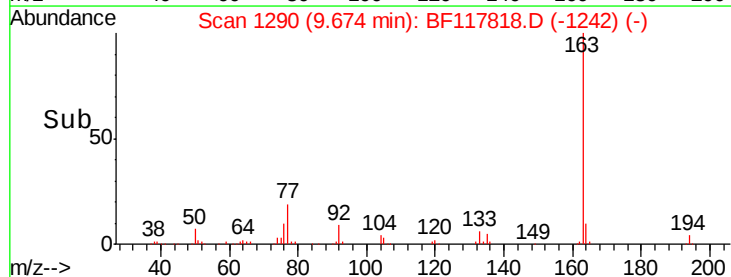
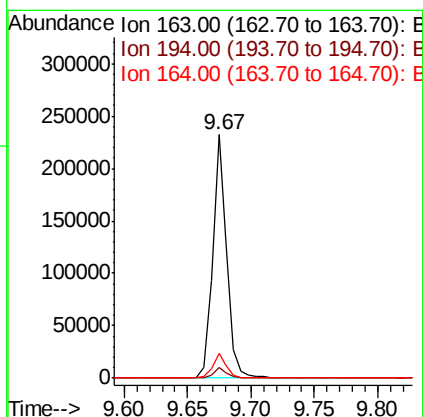
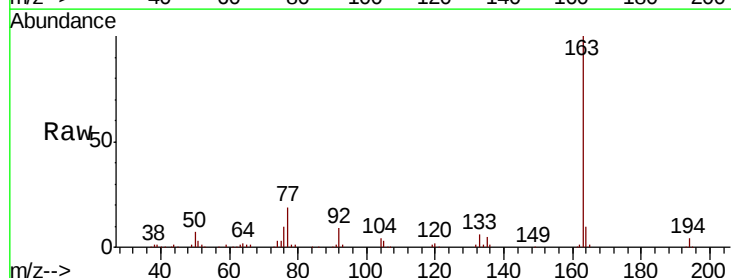
Instrument :
BNA_F
ClientSampleId :

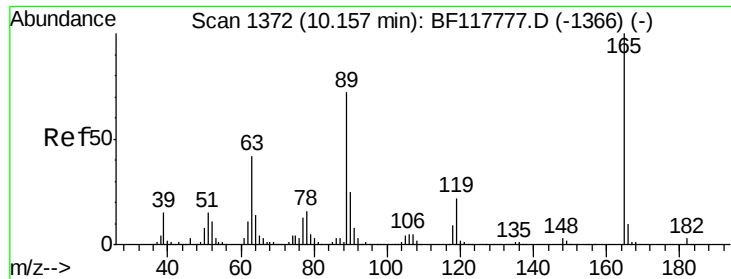
Tot Ion:172 Resp: 1476494
Ion Ratio Lower Upper
172 100
171 36.4 30.9 46.3
170 24.4 21.0 31.4



#50
Dimethylphthalate
Concen: 6.380 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BF117818.D
Acq: 15 Nov 2019 22:14

Tgt Ion:163 Resp: 180797
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 9.9 8.7 13.1

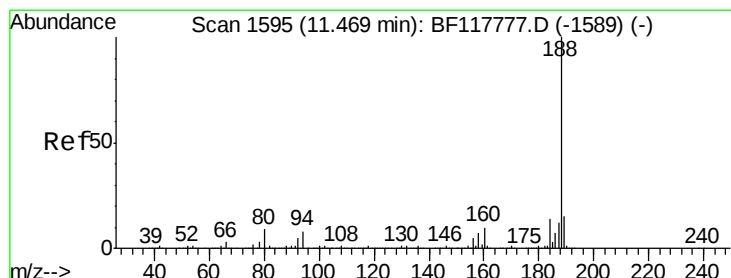
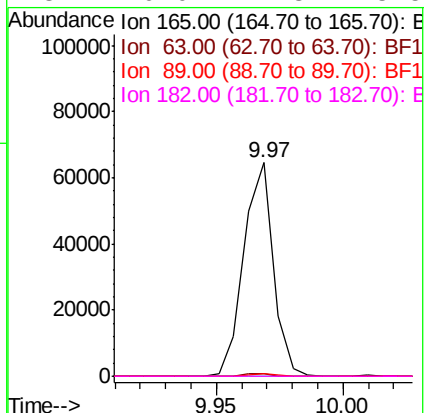
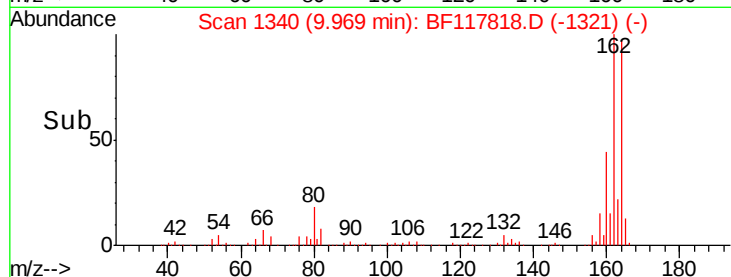
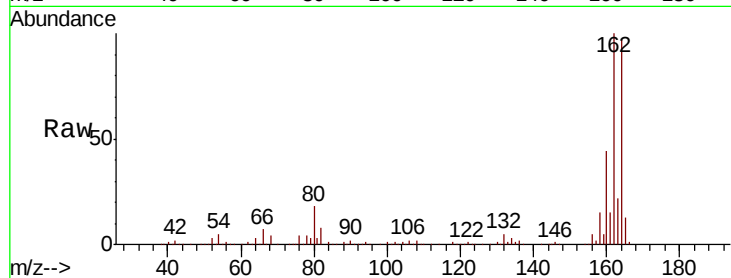




#57
2,4-Dinitrotoluene
Concen: 6.646 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.19 min
Lab File: BF117818.D
Acq: 15 Nov 2019 22:14

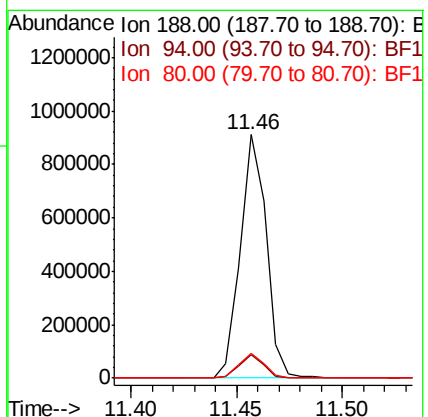
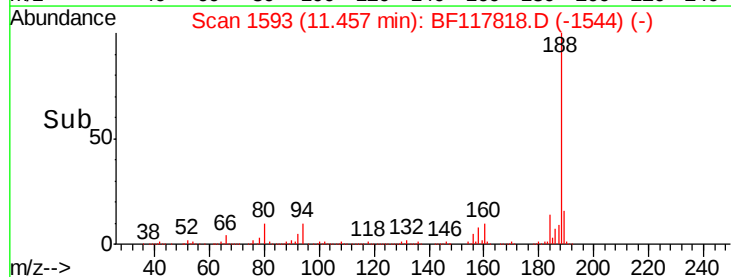
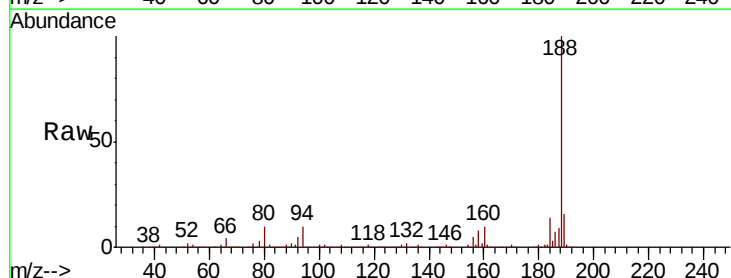
Instrument :
BNA_F
ClientSampleId :

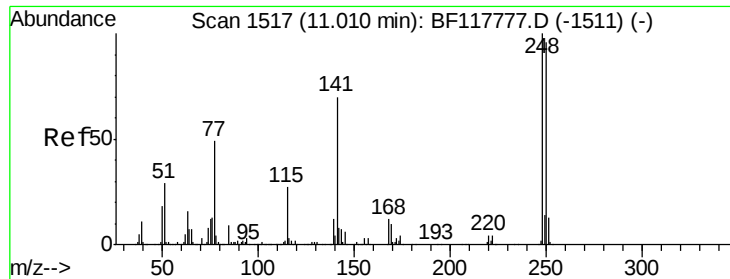
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	33.7	50.5#
89	1.3	57.3	85.9#
182	0.0	2.3	3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.46 min Scan# 1593
Delta R.T. -0.01 min
Lab File: BF117818.D
Acq: 15 Nov 2019 22:14

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.8	6.6	10.0
80	10.0	7.2	10.8

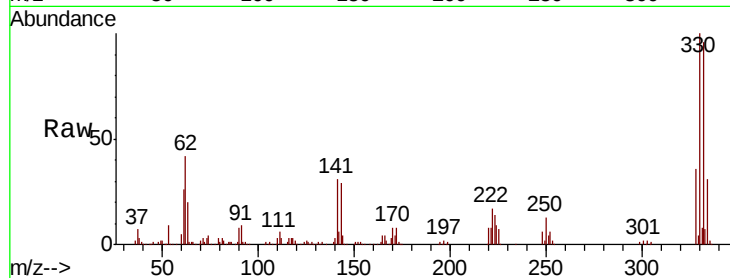




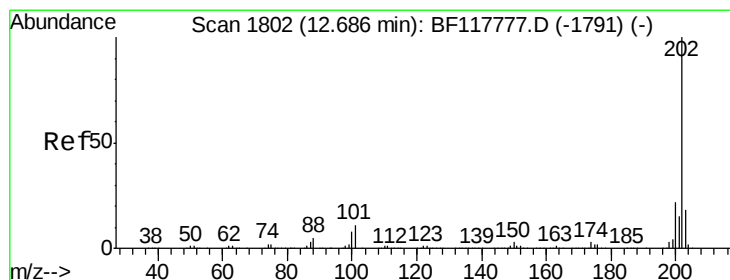
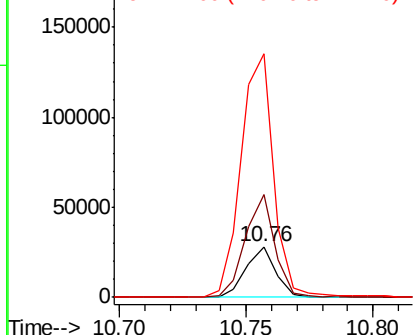
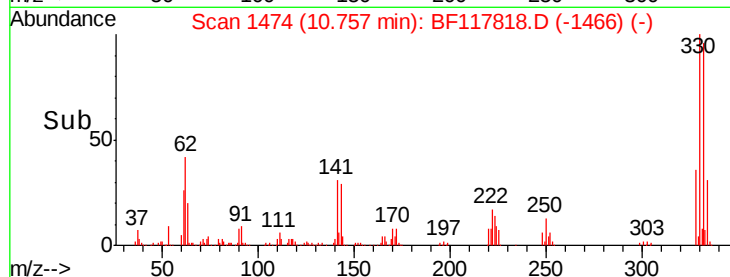
#67
4-Bromophenyl-phenylether
Concen: 2.771 ng
RT: 10.76 min Scan# 1474
Delta R.T. -0.25 min
Lab File: BF117818.D
Acq: 15 Nov 2019 22:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 23216
Ion Ratio Lower Upper
248 100
250 202.7 76.6 115.0#
141 478.9 55.9 83.9#

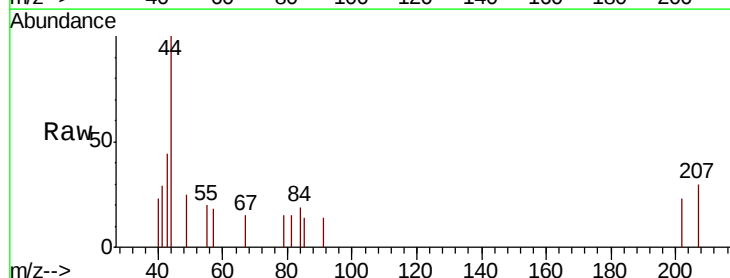


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

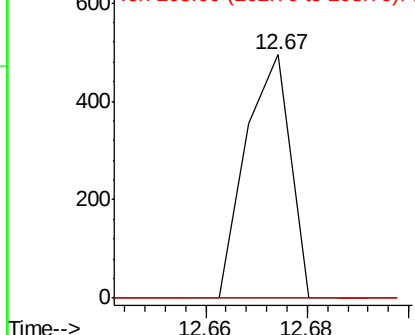
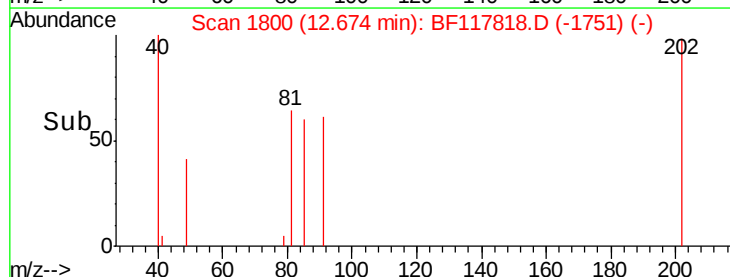


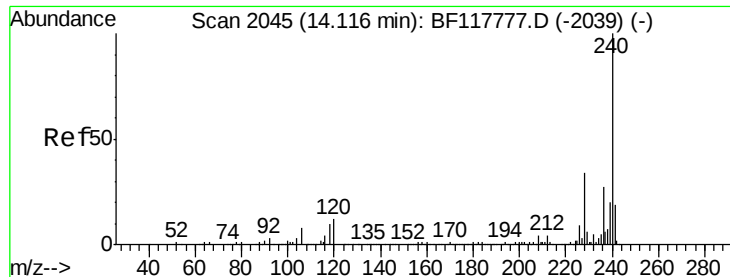
#75
Fluoranthene
Concen: Below Cal
RT: 12.67 min Scan# 1800
Delta R.T. -0.01 min
Lab File: BF117818.D
Acq: 15 Nov 2019 22:14

Tgt Ion:202 Resp: 300
Ion Ratio Lower Upper
202 100
101 0.0 0.0 31.1
203 0.0 0.0 38.2



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: 14.10 min Scan# 2043

Delta R.T. -0.01 min

Lab File: BF117818.D

Acq: 15 Nov 2019 22:14

Instrument :

BNA_F

ClientSampleId :

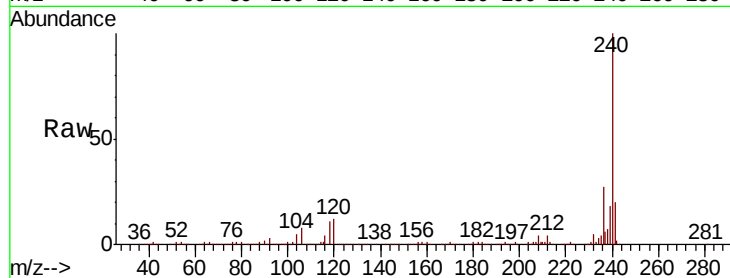
Tot Ion:240 Resp: 557983

Ion Ratio Lower Upper

240 100

120 12.1 9.5 14.3

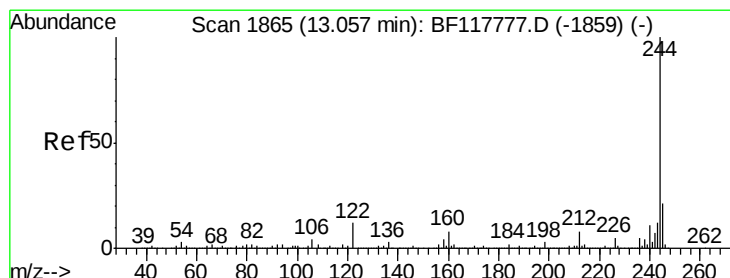
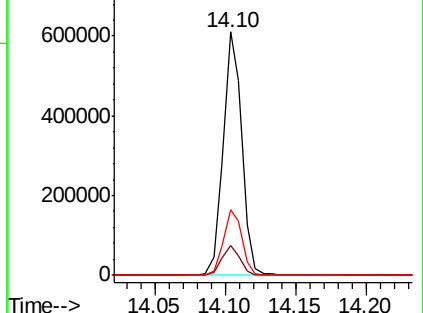
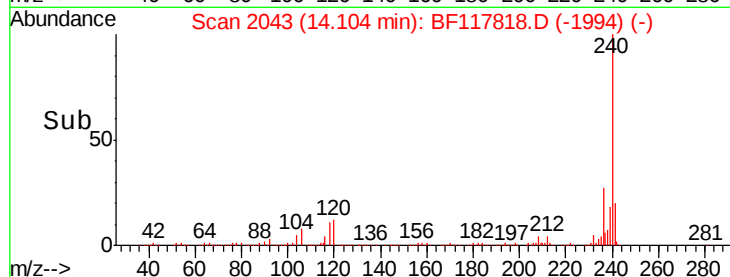
236 26.9 21.3 31.9



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: 58.342 ng

RT: 13.05 min Scan# 1864

Delta R.T. -0.01 min

Lab File: BF117818.D

Acq: 15 Nov 2019 22:14

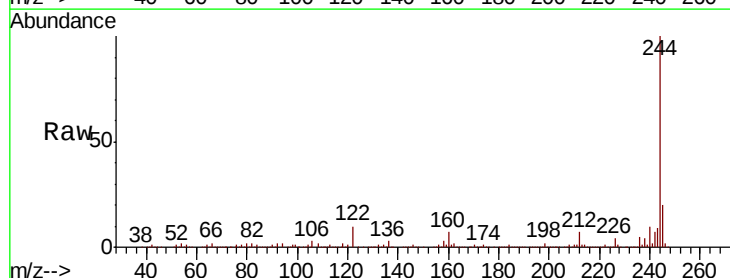
Tgt Ion:244 Resp: 1781232

Ion Ratio Lower Upper

244 100

212 6.7 6.3 9.5

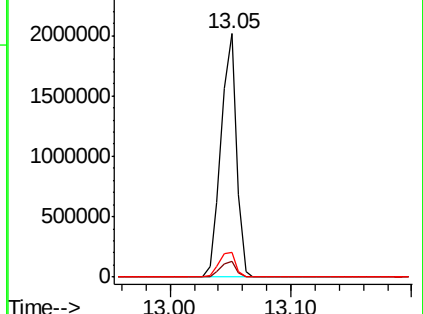
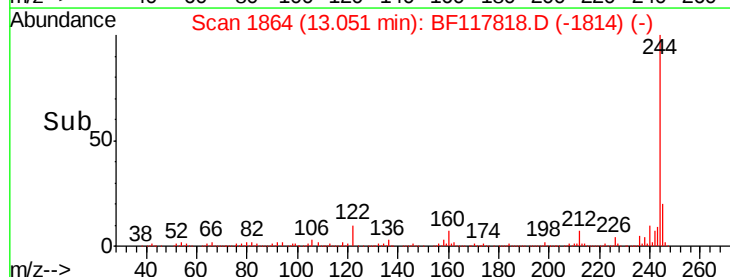
122 10.4 9.4 14.2

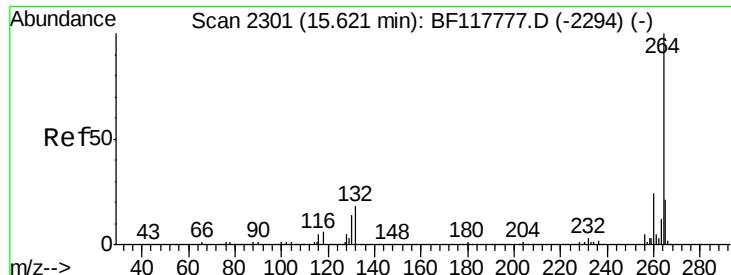


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.61 min Scan# 2299
Delta R.T. -0.01 min
Lab File: BF117818.D
Acq: 15 Nov 2019 22:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.4	29.0
265	21.0	17.1	25.7

