

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111519\
 Data File : BF117812.D
 Acq On : 15 Nov 2019 19:30
 Operator : JU
 Sample : K5861-14
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

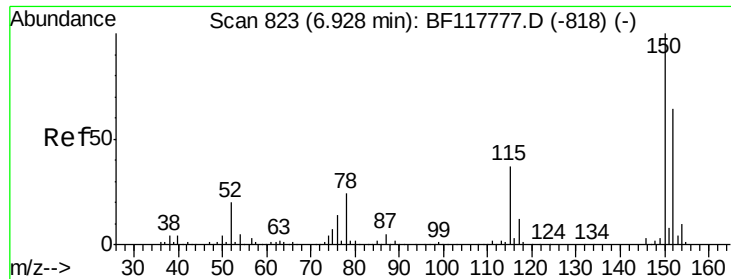
Quant Time: Nov 18 01:41:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 18:36:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	207813	20.00	ng	-0.01
21) Naphthalene-d8	8.20	136	799498	20.00	ng	-0.01
39) Acenaphthene-d10	9.97	164	419109	20.00	ng	0.00
64) Phenanthrene-d10	11.46	188	819966	20.00	ng	-0.01
76) Chrysene-d12	14.10	240	618413	20.00	ng	-0.01
87) Perylene-d12	15.62	264	659917	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.53	112	1517517	129.26	ng	0.00
7) Phenol-d6	6.54	99	1903582	134.43	ng	0.00
23) Nitrobenzene-d5	7.48	82	1157347	86.05	ng	-0.01
42) 2,4,6-Tribromophenol	10.76	330	590957	133.19	ng	-0.01
45) 2-Fluorobiphenyl	9.29	172	2136685	91.46	ng	0.00
79) Terphenyl-d14	13.05	244	2562871	75.74	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.54	77	3584	Below Cal		# 1
10) Phenol	6.55	94	52632	3.577	ng	92
19) n-Nitroso-di-n-propylamine	7.48	70	159567	18.266	ng	# 76
25) Isophorone	7.48	82	1157332	46.950	ng	# 62
50) Dimethylphthalate	9.67	163	311126	10.586	ng	99
57) 2,4-Dinitrotoluene	9.97	165	54168	6.630	ng	# 25
67) 4-Bromophenyl-phenylether	10.76	248	37655	4.256	ng	# 1
75) Fluoranthene	12.67	202	1983	Below Cal		93

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

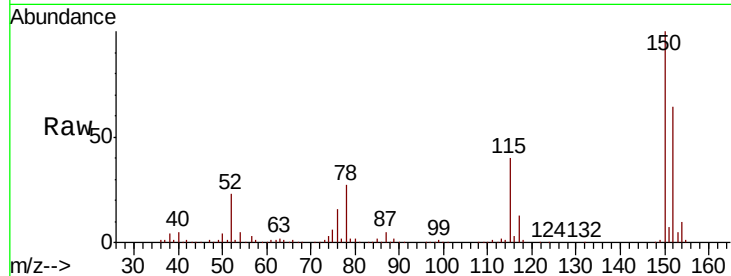


#1

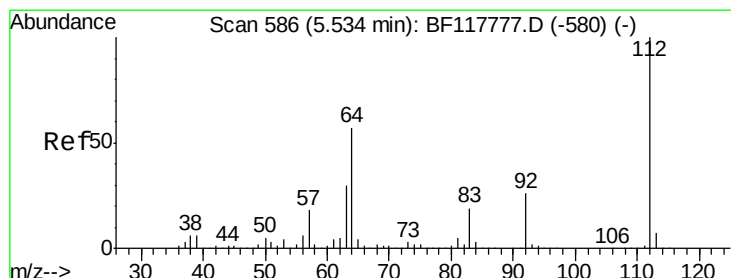
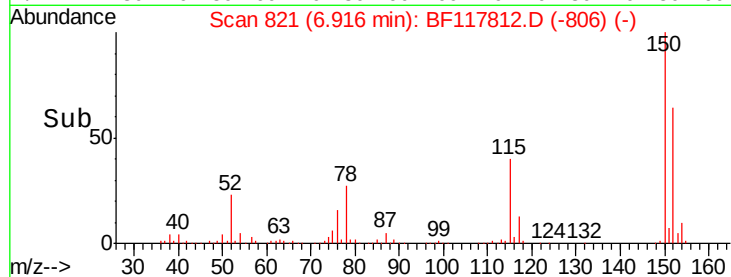
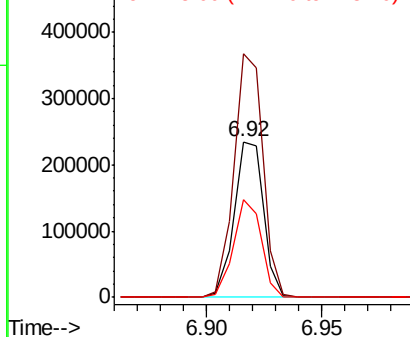
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF117812.D
Acq: 15 Nov 2019 19:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 207813
Ion Ratio Lower Upper
152 100
150 156.7 125.3 187.9
115 62.9 47.0 70.4



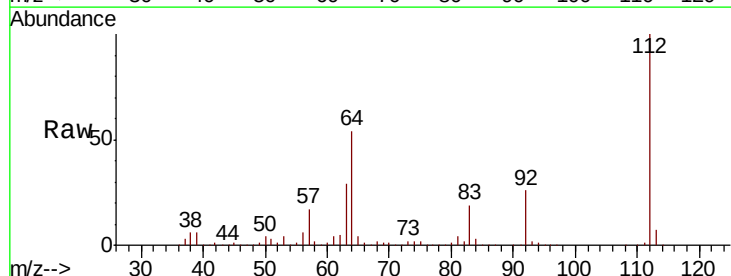
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



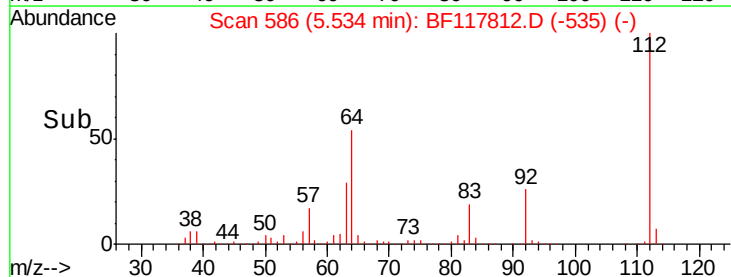
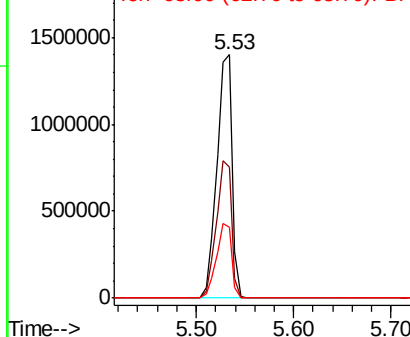
#5

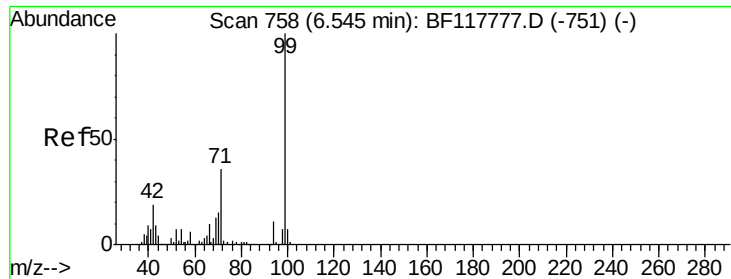
2-Fluorophenol
Concen: 129.259 ng
RT: 5.53 min Scan# 586
Delta R.T. -0.00 min
Lab File: BF117812.D
Acq: 15 Nov 2019 19:30

Tgt Ion:112 Resp: 1517517
Ion Ratio Lower Upper
112 100
64 53.9 45.6 68.4
63 29.2 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: 134.429 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF117812.D

Acq: 15 Nov 2019 19:30

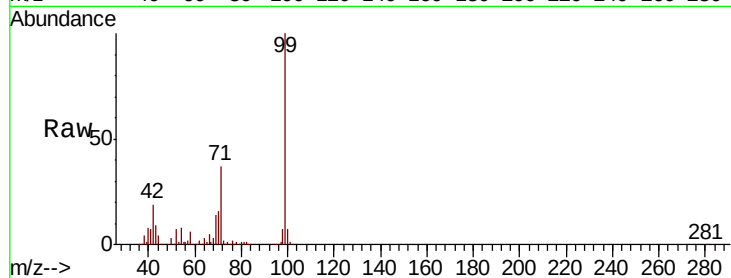
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1903582

Ion	Ratio	Lower	Upper
99	100		
42	18.9	14.9	22.3
71	37.3	28.6	43.0

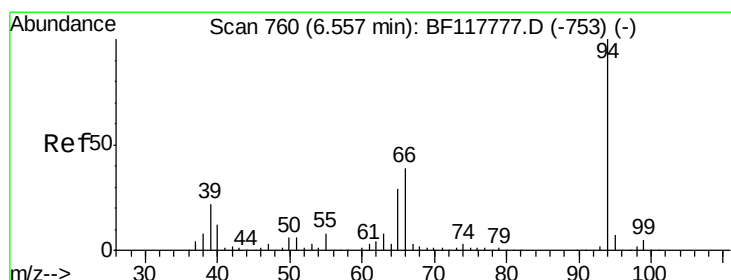
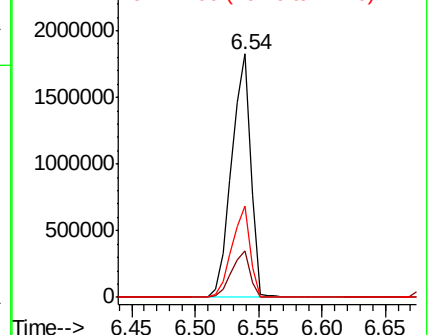
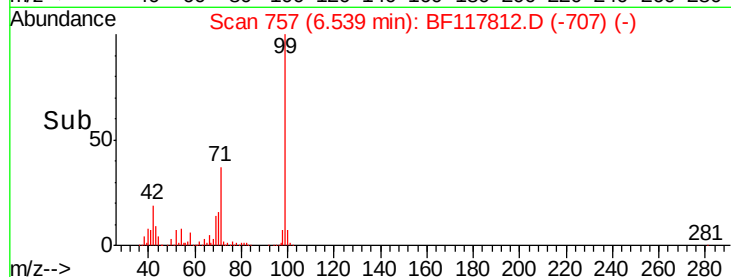


Abundance

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: 3.577 ng

RT: 6.55 min Scan# 759

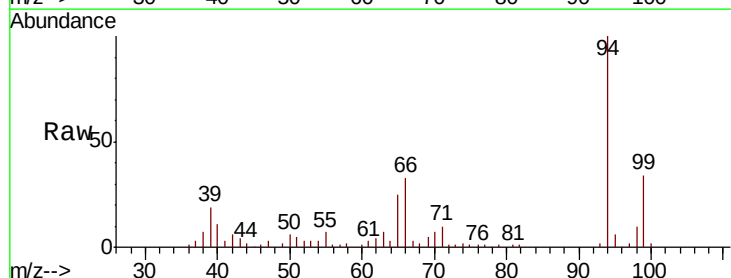
Delta R.T. -0.01 min

Lab File: BF117812.D

Acq: 15 Nov 2019 19:30

Tgt Ion: 94 Resp: 52632

Ion	Ratio	Lower	Upper
94	100		
65	25.0	8.9	48.9
66	33.3	18.7	58.7

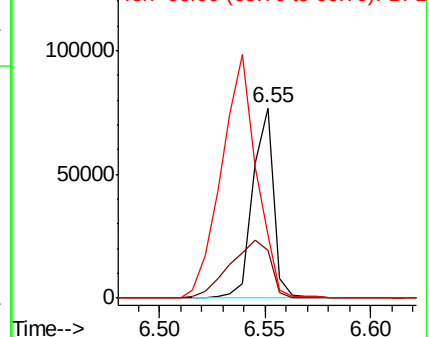
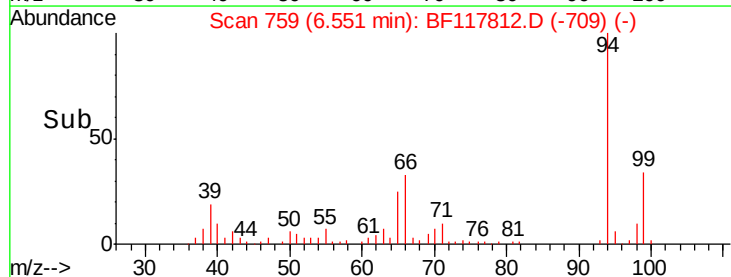


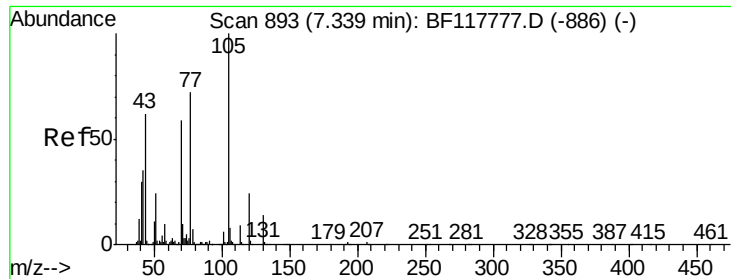
Abundance

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

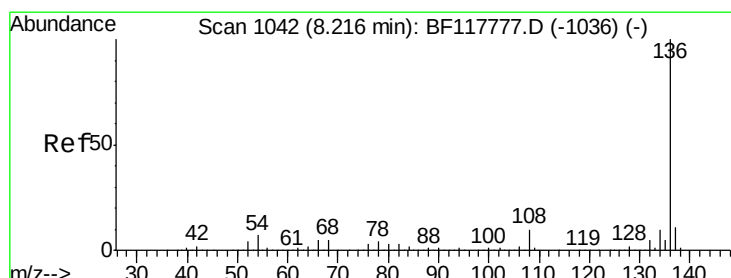
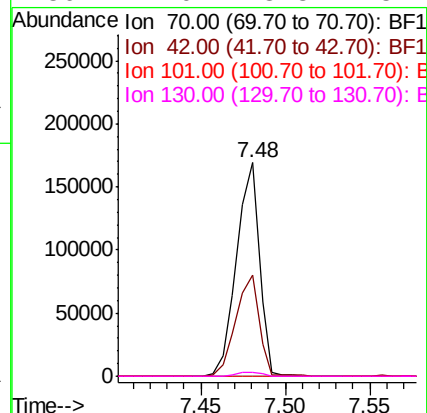
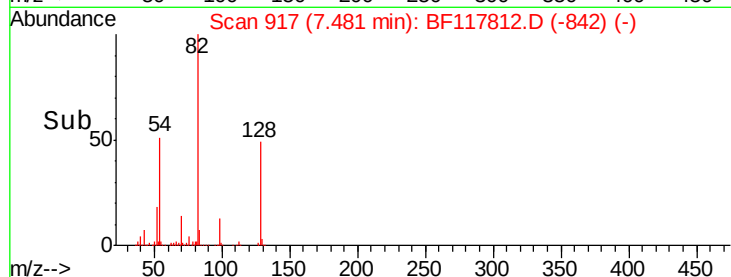
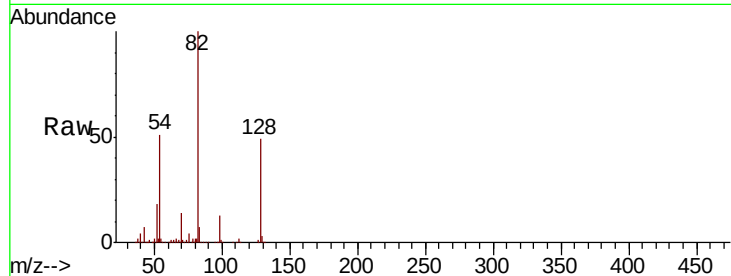




#19
n-Nitroso-di-n-propylamine
Concen: 18.266 ng
RT: 7.48 min Scan# 917
Delta R.T. 0.14 min
Lab File: BF117812.D
Acq: 15 Nov 2019 19:30

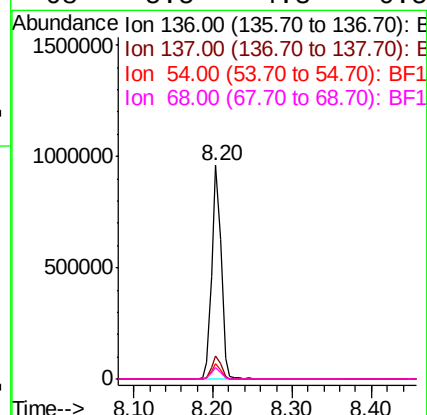
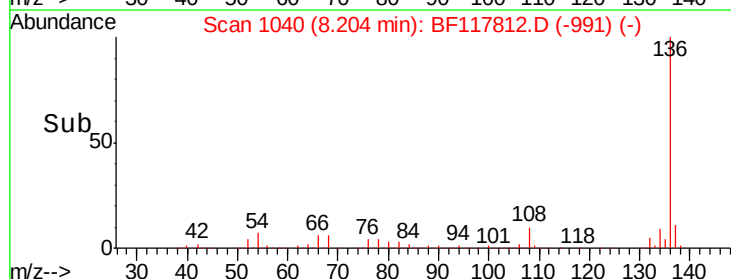
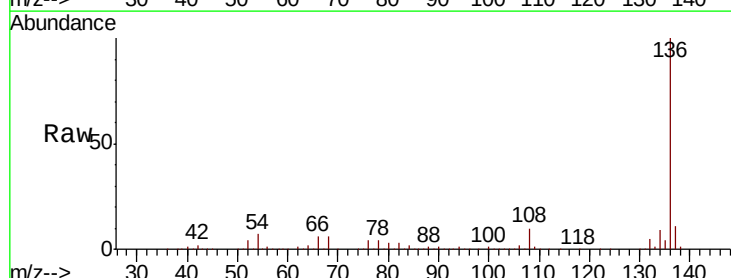
Instrument :
BNA_F
ClientSampleId :

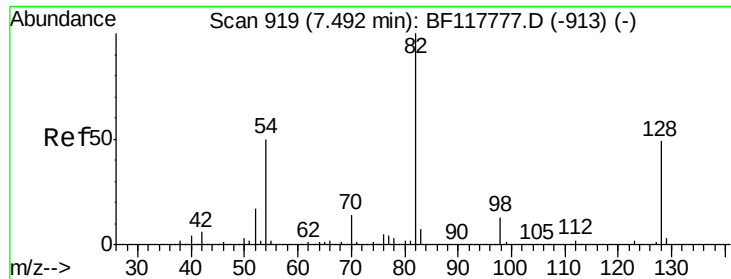
Tot Ion	Ratio	Lower	Upper
70	100		
42	47.2	47.4	71.2#
101	0.0	8.4	12.6#
130	2.0	18.8	28.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF117812.D
Acq: 15 Nov 2019 19:30

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	7.5	5.4	8.2
68	5.5	4.3	6.5

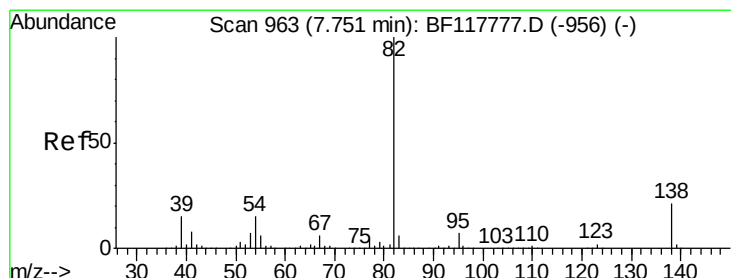
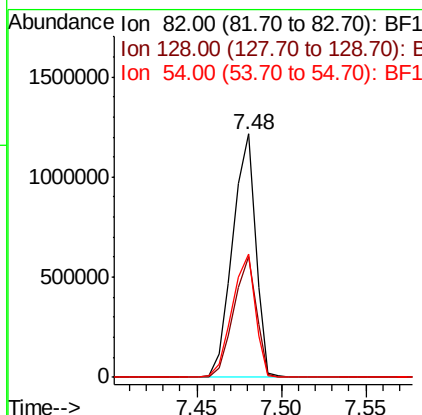
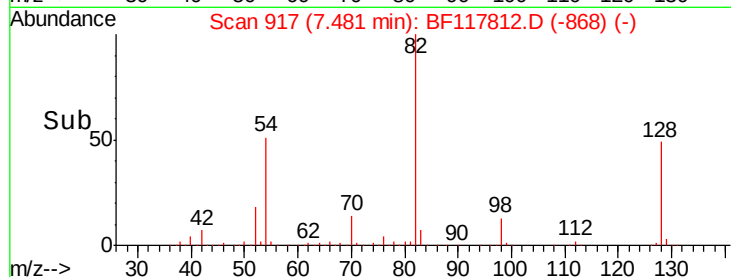
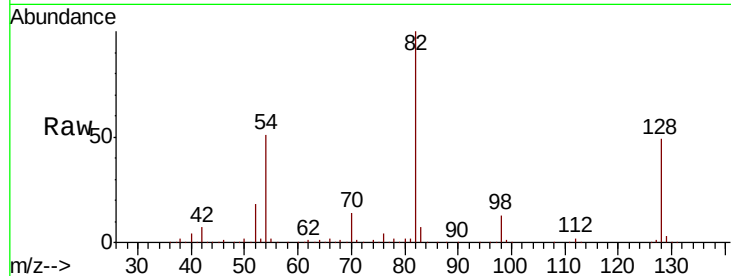




#23
Nitrobenzene-d5
Concen: 86.053 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.01 min
Lab File: BF117812.D
Acq: 15 Nov 2019 19:30

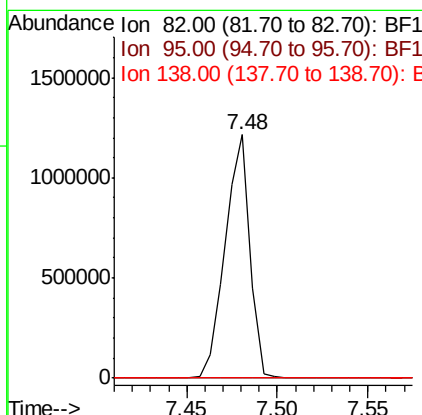
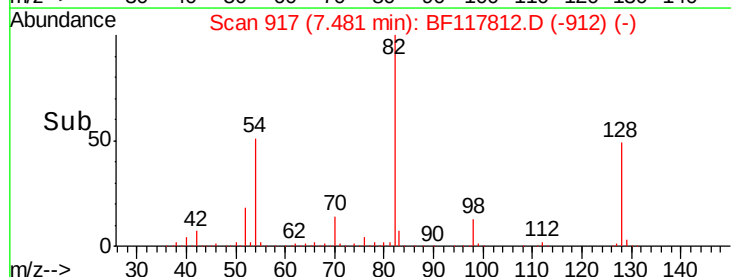
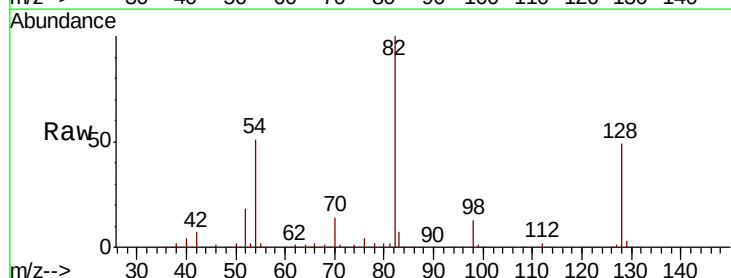
Instrument :
BNA_F
ClientSampleId :

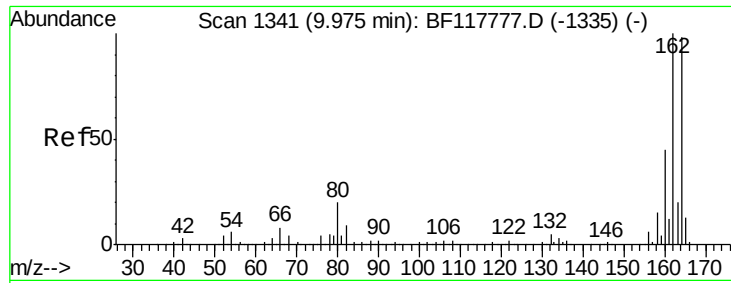
Tot Ion: 82 Resp: 1157347
Ion Ratio Lower Upper
82 100
128 49.4 38.9 58.3
54 50.7 39.8 59.6



#25
Isophorone
Concen: 46.950 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.27 min
Lab File: BF117812.D
Acq: 15 Nov 2019 19:30

Tgt Ion: 82 Resp: 1157332
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 16.5 24.7#

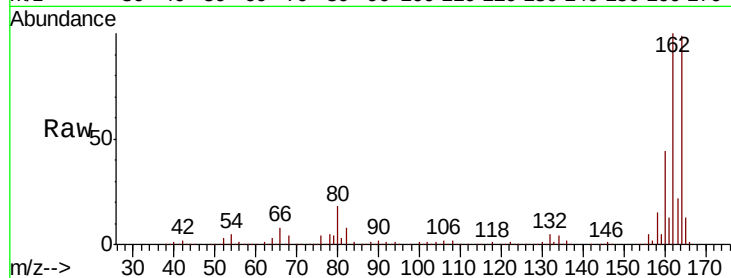




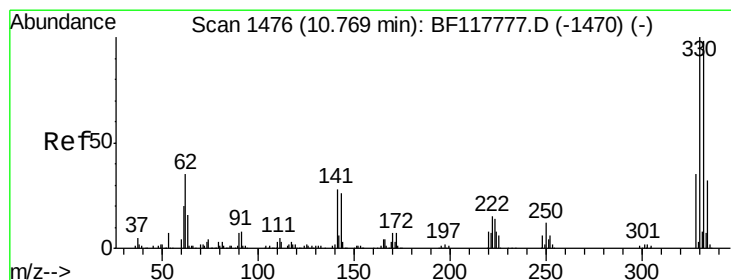
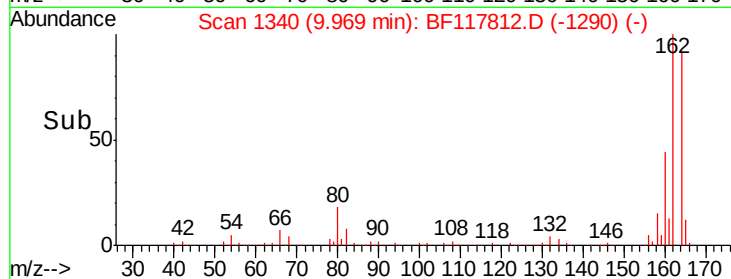
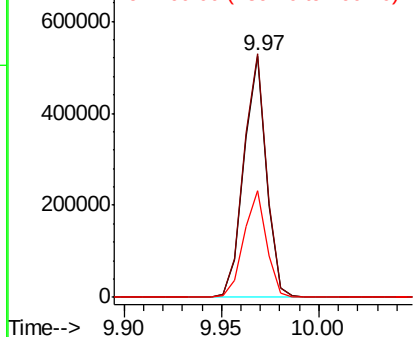
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF117812.D
Acq: 15 Nov 2019 19:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 419109
Ion Ratio Lower Upper
164 100
162 100.8 81.3 121.9
160 44.0 36.6 55.0

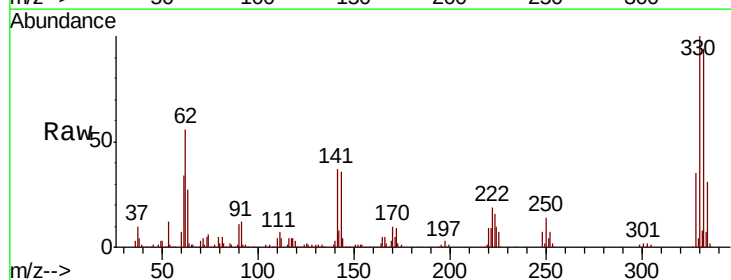


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

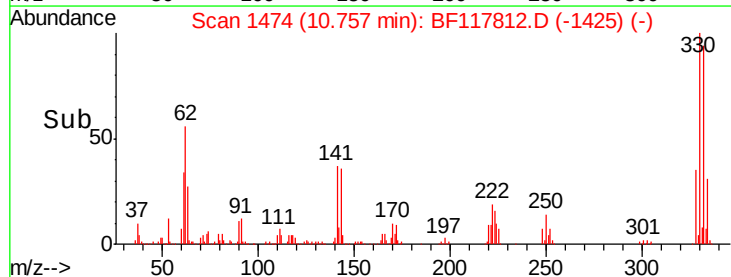
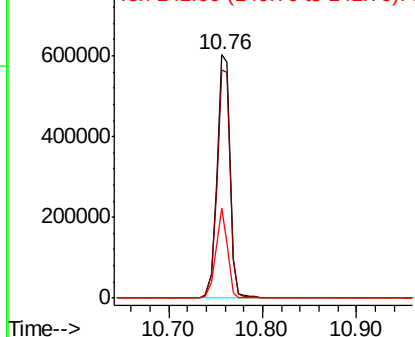


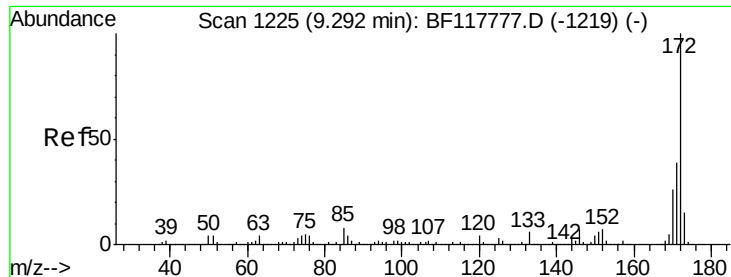
#42
2,4,6-Tribromophenol
Concen: 133.187 ng
RT: 10.76 min Scan# 1474
Delta R.T. -0.01 min
Lab File: BF117812.D
Acq: 15 Nov 2019 19:30

Tgt Ion:330 Resp: 590957
Ion Ratio Lower Upper
330 100
332 95.0 76.7 115.1
141 33.4 27.7 41.5



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

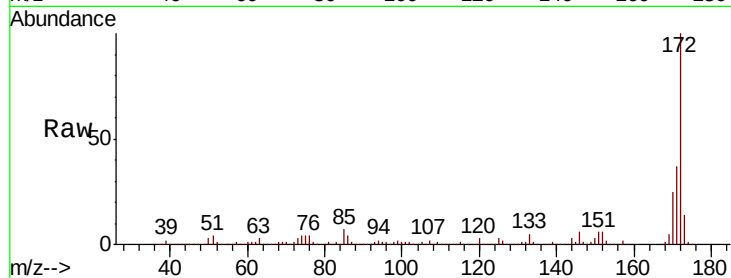




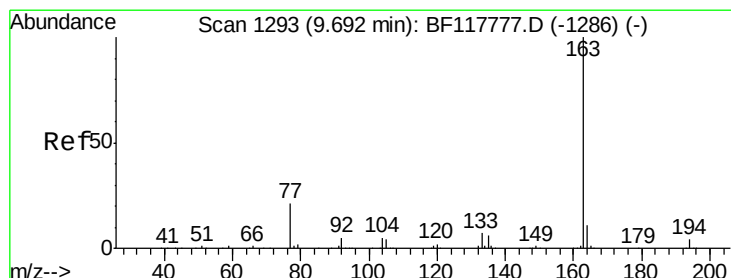
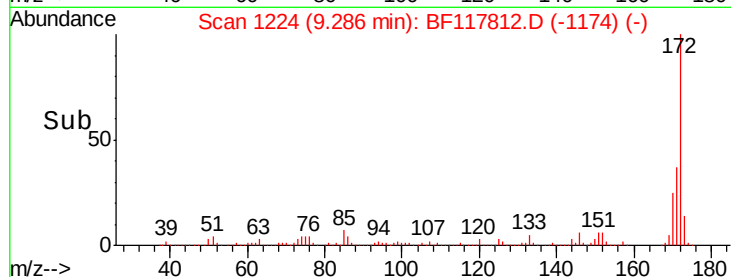
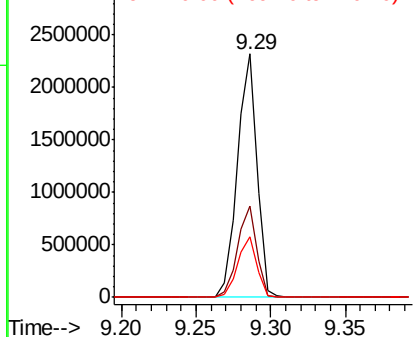
#45
2-Fluorobiphenyl
Concen: 91.463 ng
RT: 9.29 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BF117812.D
Acq: 15 Nov 2019 19:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 2136685
Ion Ratio Lower Upper
172 100
171 37.4 30.9 46.3
170 25.1 21.0 31.4

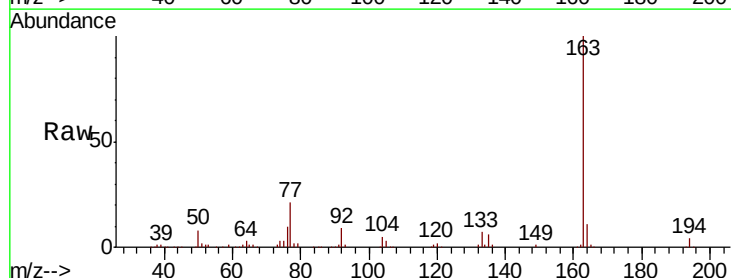


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

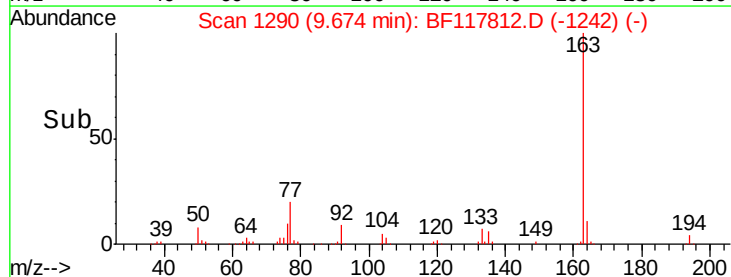
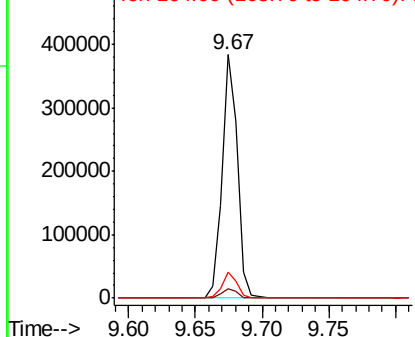


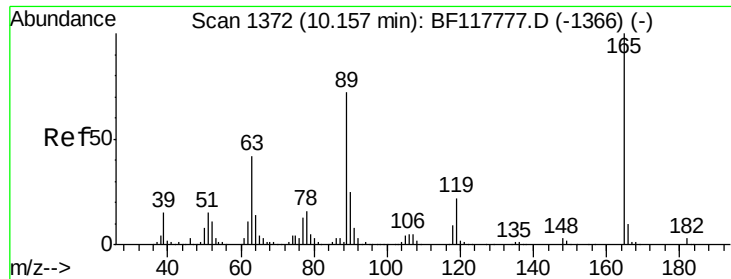
#50
Dimethylphthalate
Concen: 10.586 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BF117812.D
Acq: 15 Nov 2019 19:30

Tgt Ion:163 Resp: 311126
Ion Ratio Lower Upper
163 100
194 3.8 3.3 4.9
164 10.6 8.7 13.1



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

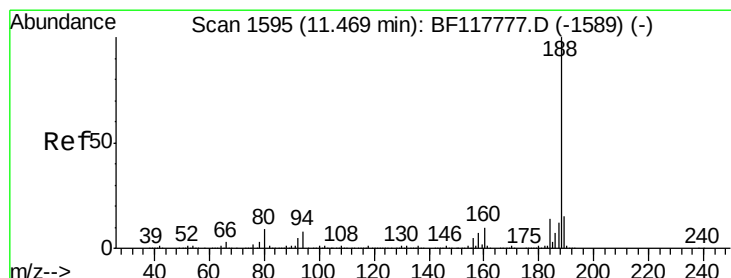
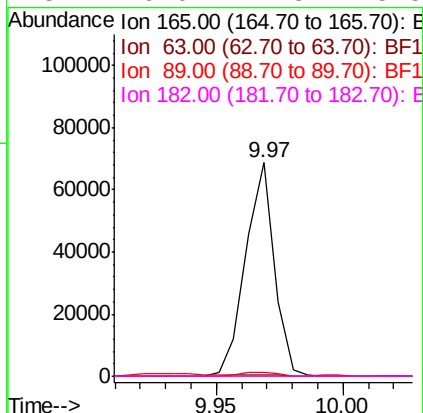
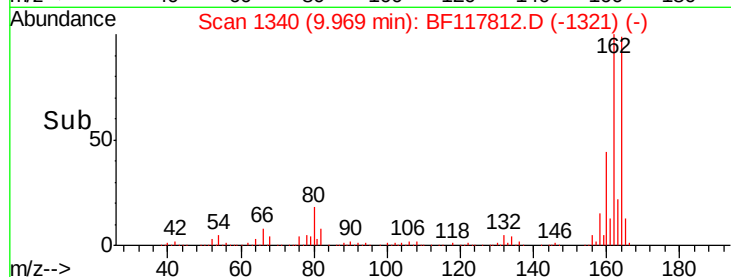
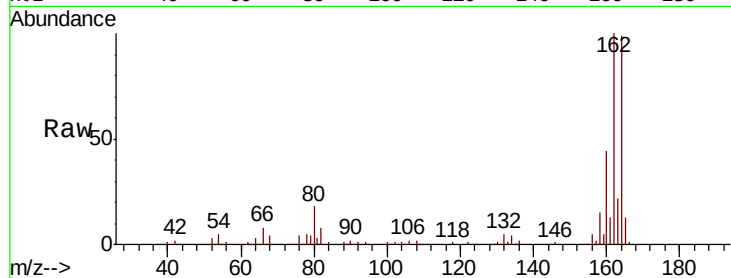




#57
 2,4-Dinitrotoluene
 Concen: 6.630 ng
 RT: 9.97 min Scan# 1340
 Delta R.T. -0.19 min
 Lab File: BF117812.D
 Acq: 15 Nov 2019 19:30

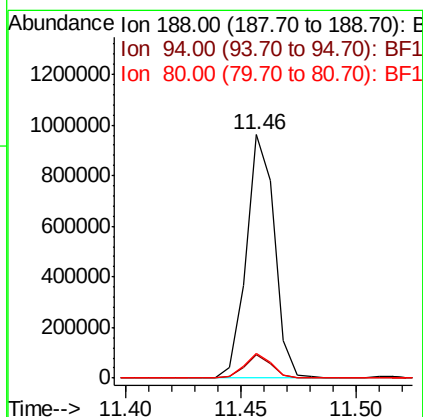
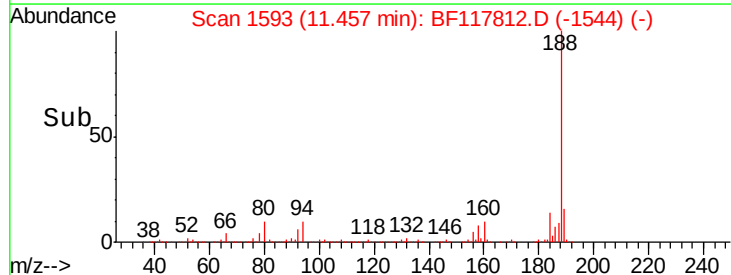
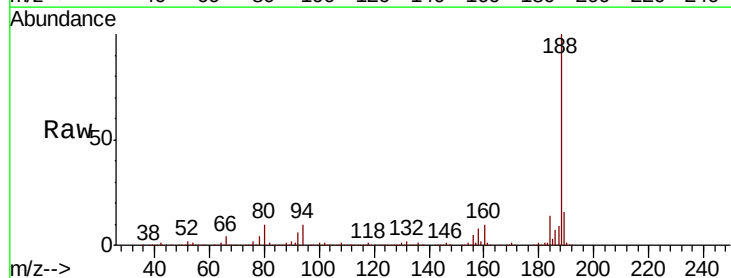
Instrument :
 BNA_F
 ClientSampled :

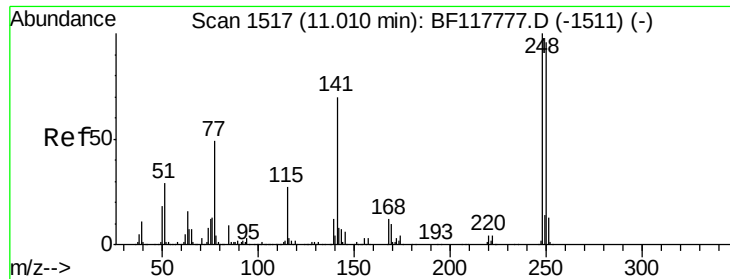
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.7	33.7	50.5#
89	1.7	57.3	85.9#
182	0.0	2.3	3.5#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.46 min Scan# 1593
 Delta R.T. -0.01 min
 Lab File: BF117812.D
 Acq: 15 Nov 2019 19:30

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.6	6.6	10.0
80	10.0	7.2	10.8

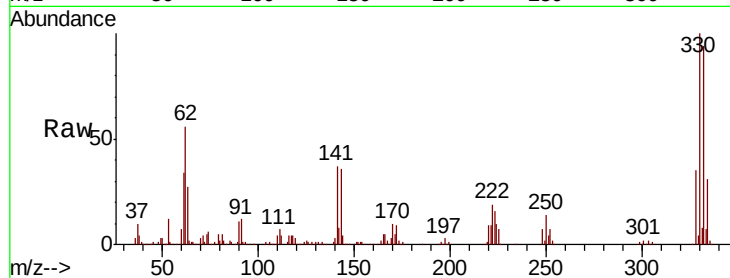




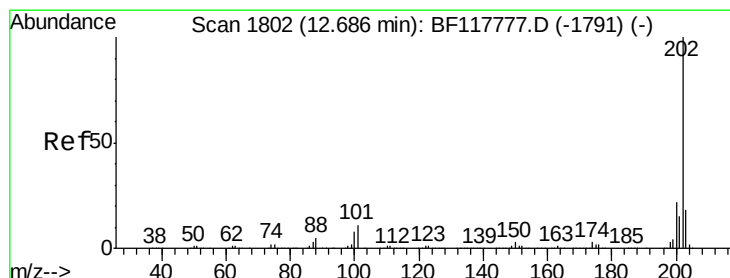
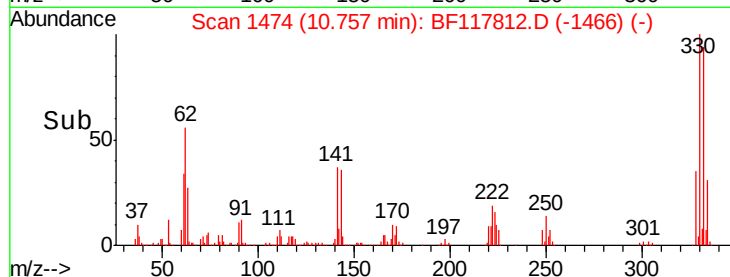
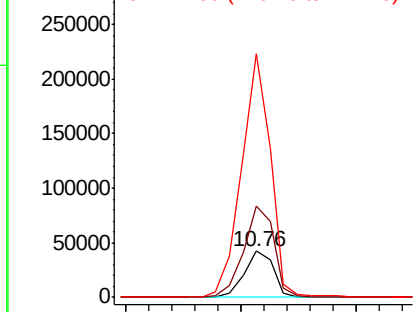
#67
4-Bromophenyl-phenylether
Concen: 4.256 ng
RT: 10.76 min Scan# 1474
Delta R.T. -0.25 min
Lab File: BF117812.D
Acq: 15 Nov 2019 19:30

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 37655
Ion Ratio Lower Upper
248 100
250 196.9 76.6 115.0#
141 528.0 55.9 83.9#

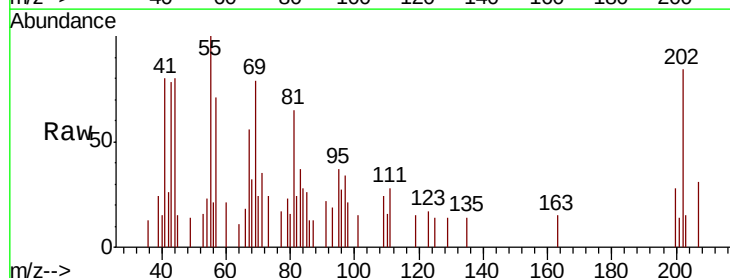


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

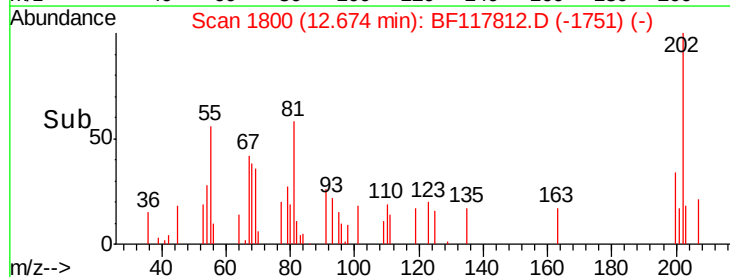
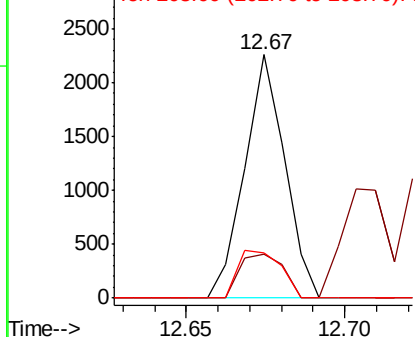


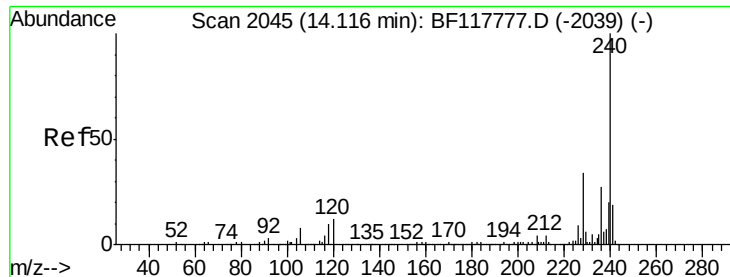
#75
Fluoranthene
Concen: Below Cal
RT: 12.67 min Scan# 1800
Delta R.T. -0.01 min
Lab File: BF117812.D
Acq: 15 Nov 2019 19:30

Tgt Ion:202 Resp: 1983
Ion Ratio Lower Upper
202 100
101 18.2 0.0 31.1
203 18.3 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

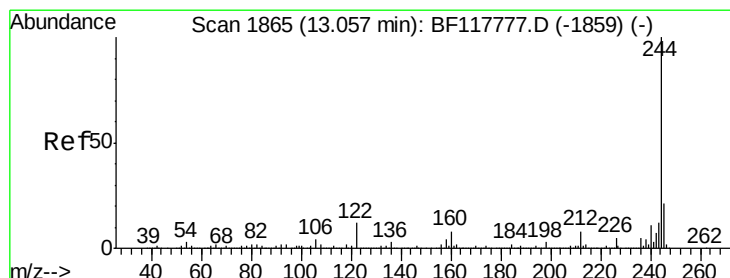
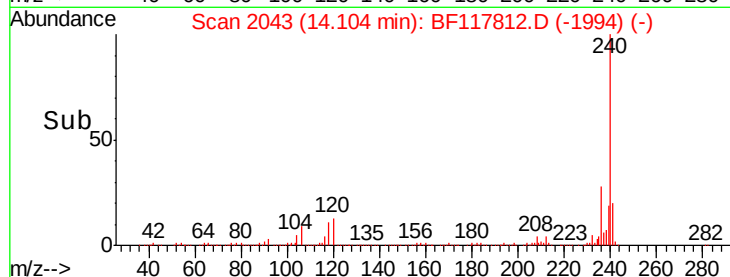
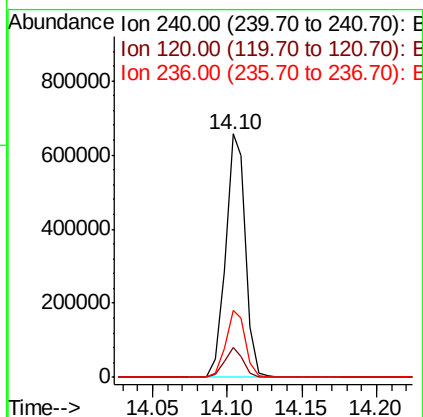
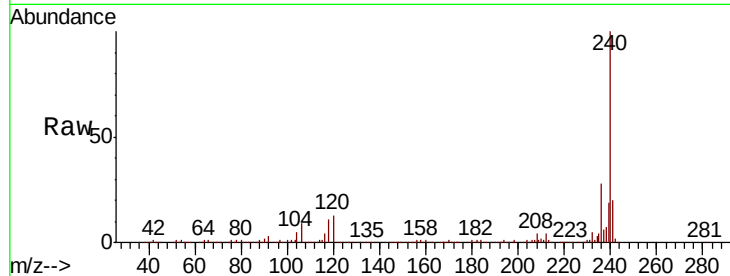




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.10 min Scan# 2043
 Delta R.T. -0.01 min
 Lab File: BF117812.D
 Acq: 15 Nov 2019 19:30

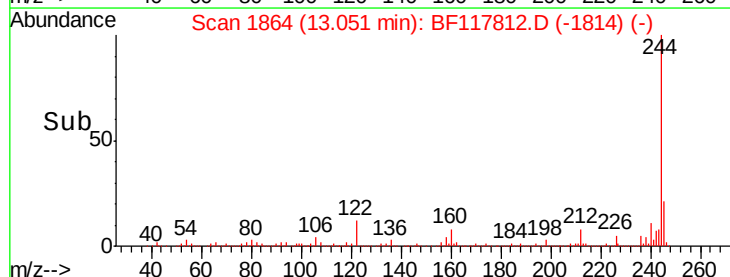
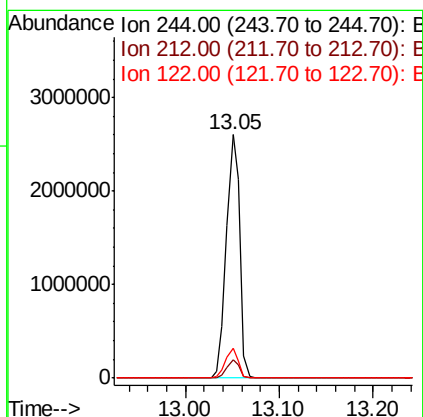
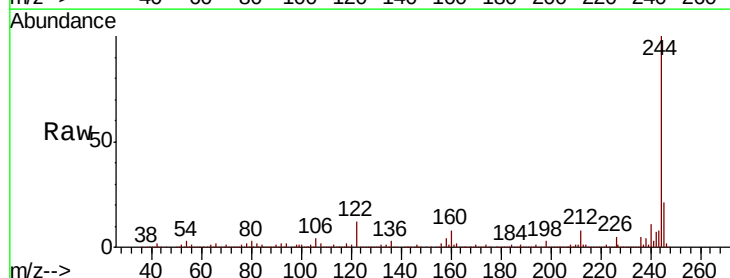
Instrument :
 BNA_F
 ClientSampled :

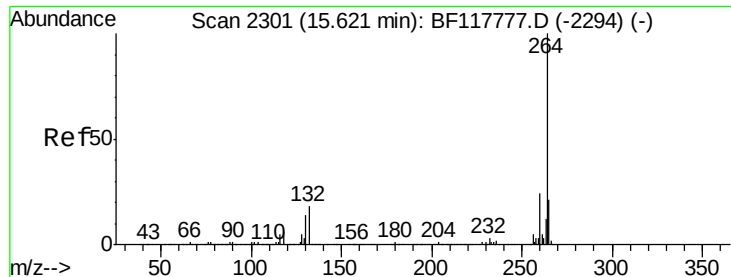
Tot Ion:240 Resp: 618413
 Ion Ratio Lower Upper
 240 100
 120 12.5 9.5 14.3
 236 27.6 21.3 31.9



#79
 Terphenyl-d14
 Concen: 75.741 ng
 RT: 13.05 min Scan# 1864
 Delta R.T. -0.01 min
 Lab File: BF117812.D
 Acq: 15 Nov 2019 19:30

Tgt Ion:244 Resp: 2562871
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.3 9.5
 122 12.2 9.4 14.2

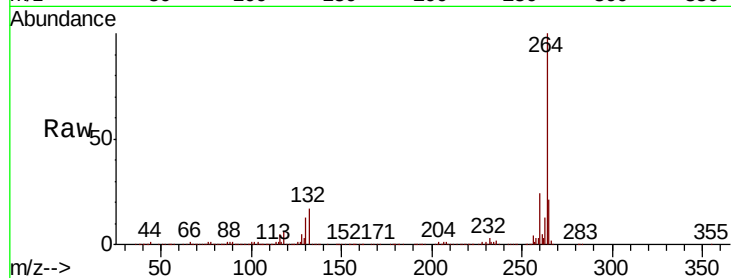




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.62 min Scan# 2300
Delta R.T. -0.01 min
Lab File: BF117812.D
Acq: 15 Nov 2019 19:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.4	29.0
265	21.4	17.1	25.7



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

