

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111519\
 Data File : BF117804.D
 Acq On : 15 Nov 2019 15:50
 Operator : JU
 Sample : PB124835BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 18 01:39:47 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

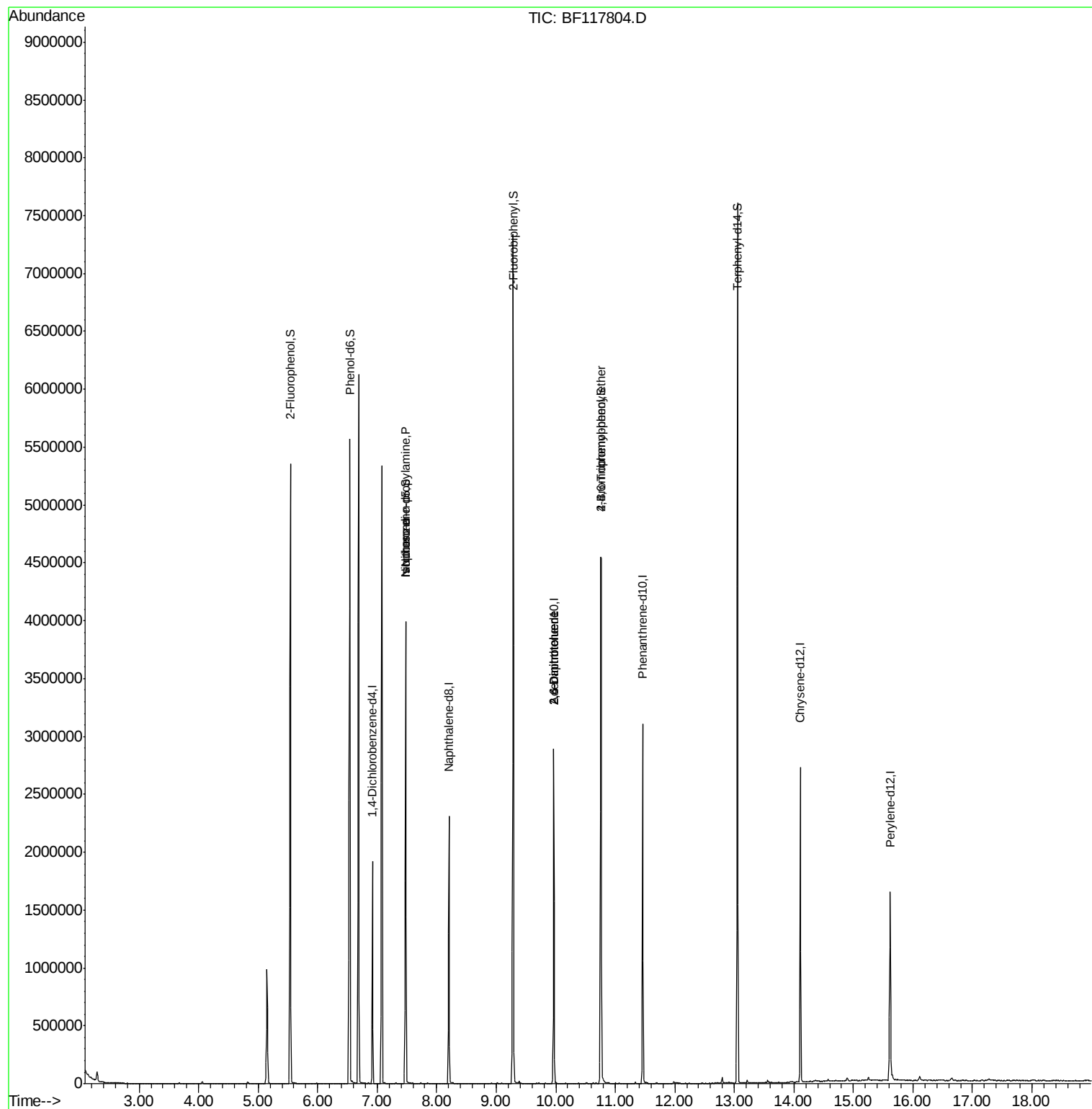
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	287071	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	1115221	20.00	ng	-0.01
39) Acenaphthene-d10	9.97	164	580617	20.00	ng	0.00
64) Phenanthrene-d10	11.46	188	1114258	20.00	ng	0.00
76) Chrysene-d12	14.11	240	845177	20.00	ng	0.00
87) Perylene-d12	15.62	264	774136	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	1693559	104.43	ng	0.01
7) Phenol-d6	6.54	99	2128331	108.80	ng	0.00
23) Nitrobenzene-d5	7.48	82	1318250	70.27	ng	-0.01
42) 2,4,6-Tribromophenol	10.76	330	641595	104.38	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	2490965	76.97	ng	0.00
79) Terphenyl-d14	13.06	244	2899671	62.70	ng	0.00
Target Compounds						
9) Benzaldehyde	6.54	77	3439	Below Cal		Qvalue # 1
19) n-Nitroso-di-n-propylamine	7.48	70	181105	15.007 ng	#	77
25) Isophorone	7.48	82	1312159	38.161 ng	#	62
51) 2,6-Dinitrotoluene	9.97	165	75504	8.485 ng	#	23
57) 2,4-Dinitrotoluene	9.97	165	75504	6.670 ng	#	24
67) 4-Bromophenyl-phenylether	10.76	248	42244	3.514 ng	#	1
75) Fluoranthene	12.67	202	3451	Below Cal		96

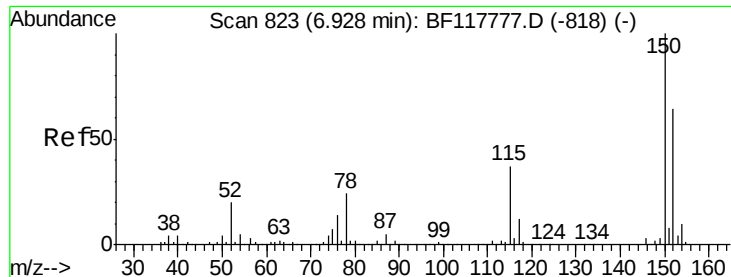
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111519\
Data File : BF117804.D
Acq On : 15 Nov 2019 15:50
Operator : JU
Sample : PB124835BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 18 01:39:47 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



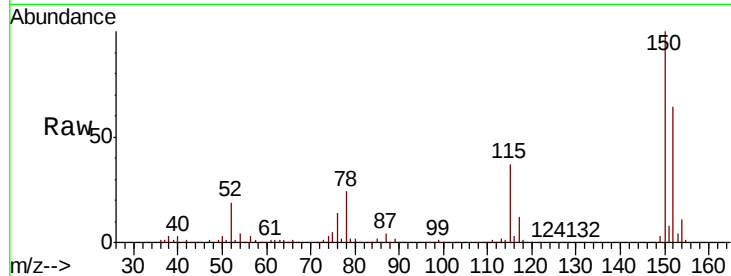


#1

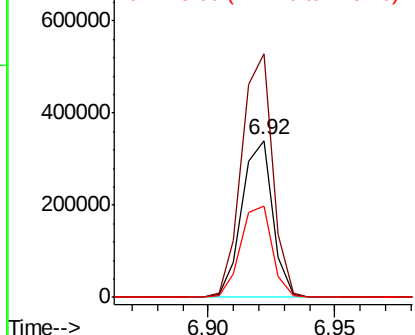
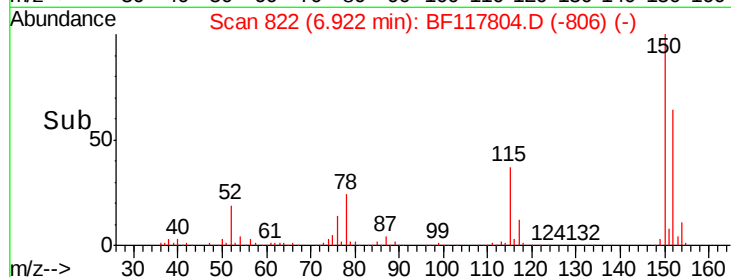
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 822
Delta R.T. -0.01 min
Lab File: BF117804.D
Acq: 15 Nov 2019 15:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 287071
Ion Ratio Lower Upper
152 100
150 155.2 125.3 187.9
115 58.2 47.0 70.4



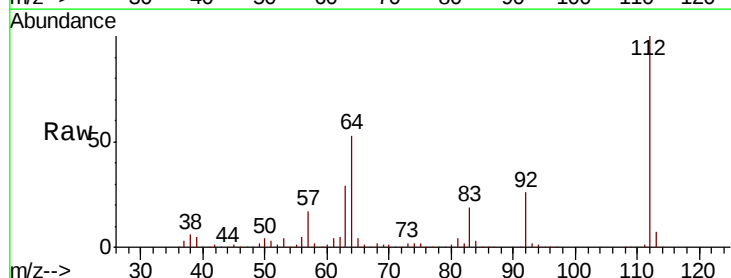
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



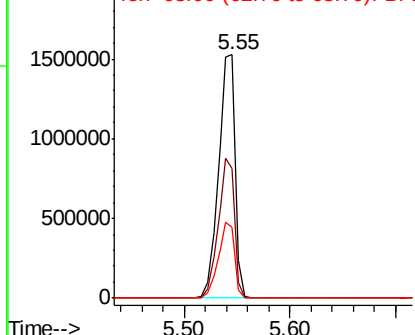
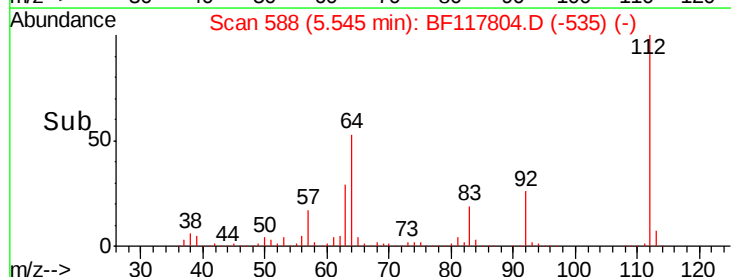
#5

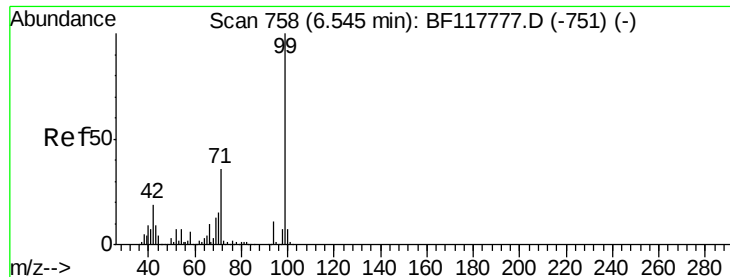
2-Fluorophenol
Concen: 104.426 ng
RT: 5.55 min Scan# 588
Delta R.T. 0.01 min
Lab File: BF117804.D
Acq: 15 Nov 2019 15:50

Tgt Ion:112 Resp: 1693559
Ion Ratio Lower Upper
112 100
64 53.1 45.6 68.4
63 29.0 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: 108.804 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF117804.D

Acq: 15 Nov 2019 15:50

Instrument :

BNA_F

ClientSampleId :

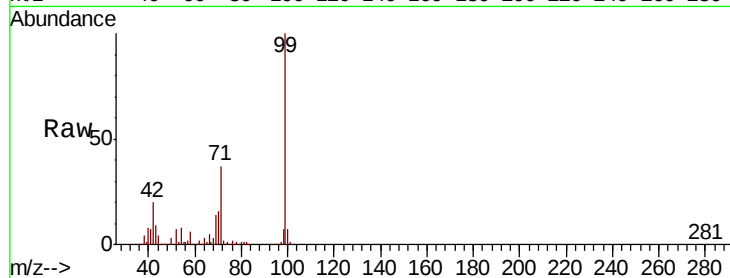
Tot Ion: 99 Resp: 2128331

Ion Ratio Lower Upper

99 100

42 19.6 14.9 22.3

71 37.2 28.6 43.0

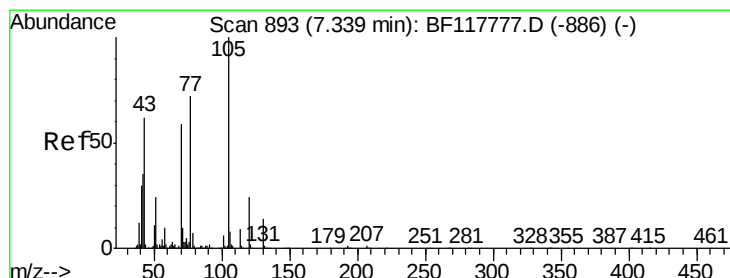
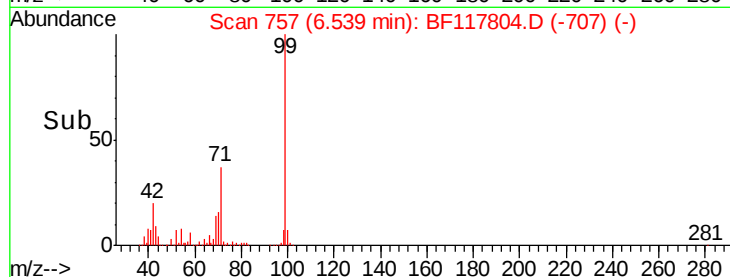
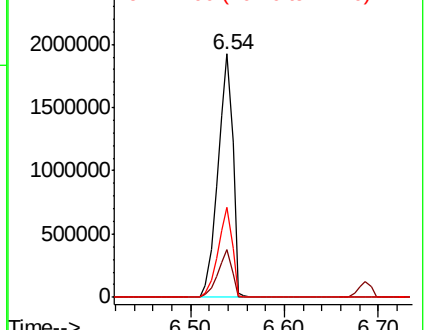


Abundance

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



#19

n-Nitroso-di-n-propylamine

Concen: 15.007 ng

RT: 7.48 min Scan# 917

Delta R.T. 0.14 min

Lab File: BF117804.D

Acq: 15 Nov 2019 15:50

Tgt Ion: 70 Resp: 181105

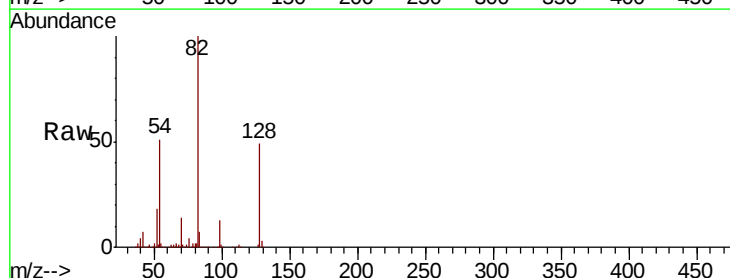
Ion Ratio Lower Upper

70 100

42 48.7 47.4 71.2

101 0.0 8.4 12.6#

130 2.5 18.8 28.2#



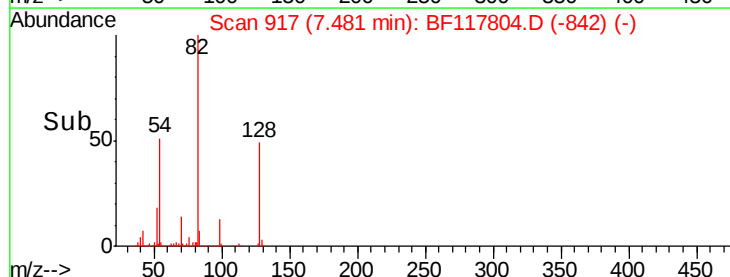
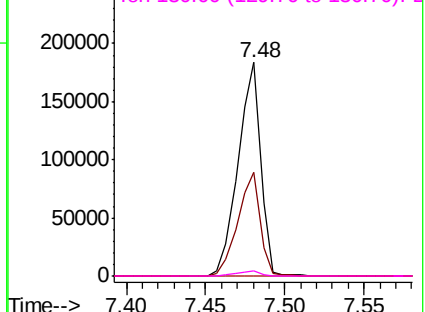
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

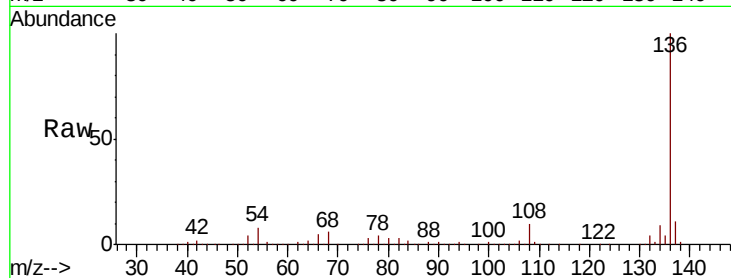




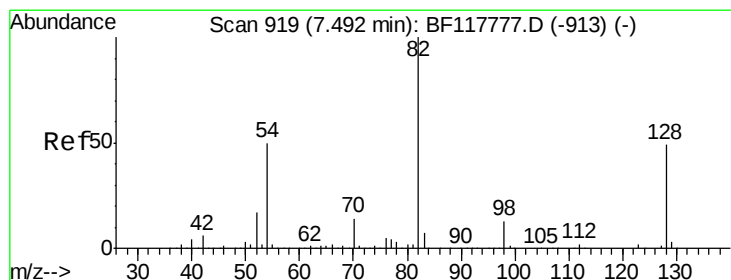
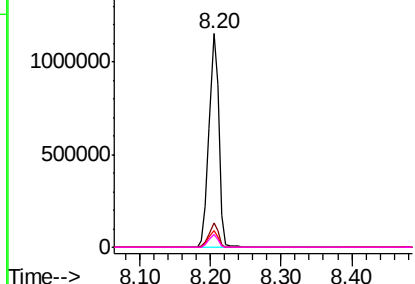
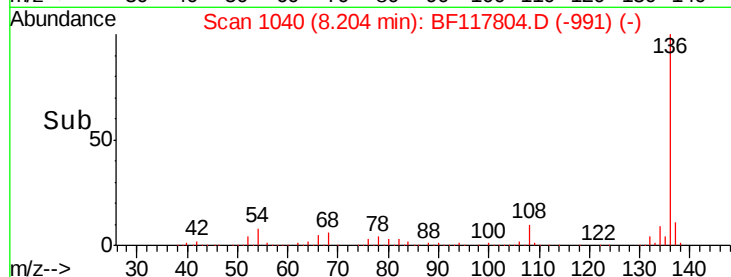
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF117804.D
Acq: 15 Nov 2019 15:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136 Resp: 1115221
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.4
54 7.7 5.4 8.2
68 5.9 4.3 6.5

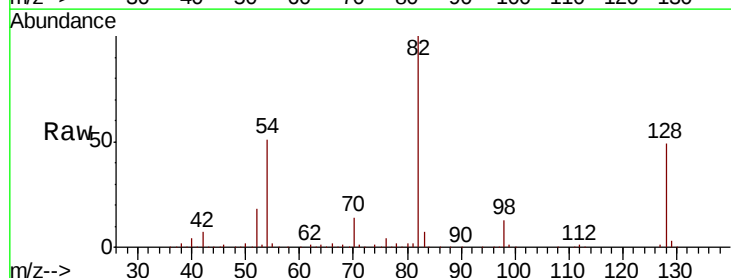


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

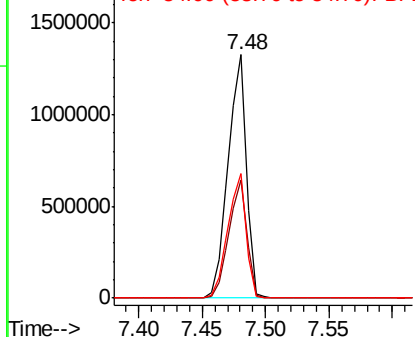
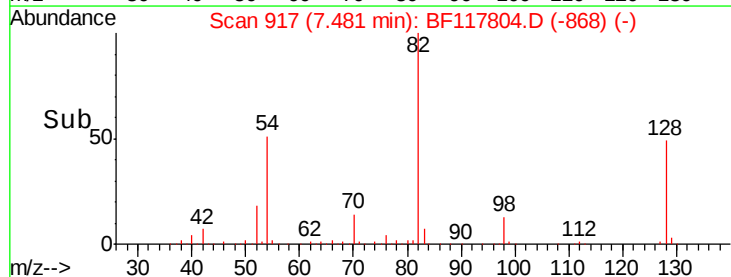


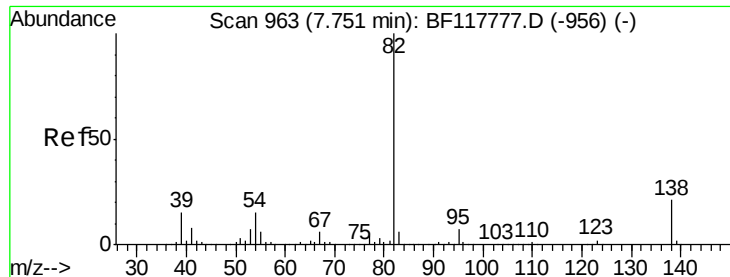
#23
Nitrobenzene-d5
Concen: 70.268 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.01 min
Lab File: BF117804.D
Acq: 15 Nov 2019 15:50

Tgt Ion: 82 Resp: 1318250
Ion Ratio Lower Upper
82 100
128 48.7 38.9 58.3
54 51.1 39.8 59.6



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





#25

Isophorone

Concen: 38.161 ng

RT: 7.48 min Scan# 917

Delta R.T. -0.27 min

Lab File: BF117804.D

Acq: 15 Nov 2019 15:50

Instrument :

BNA_F

ClientSampleId :

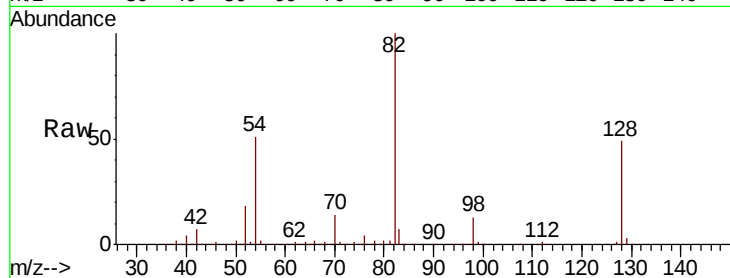
Tot Ion: 82 Resp: 1312159

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

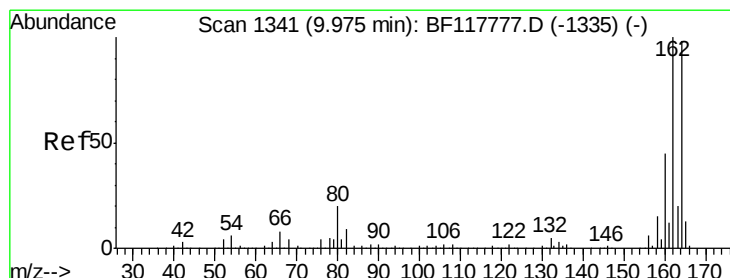
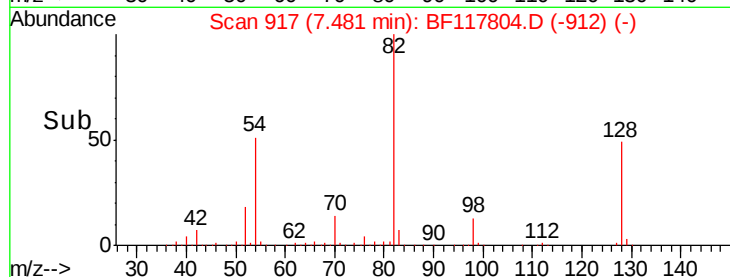
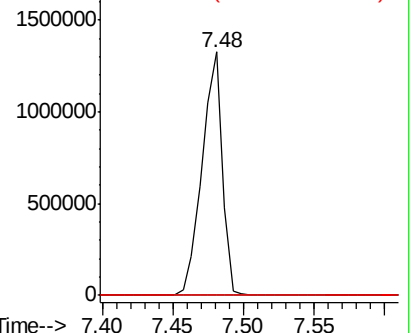
138 0.0 16.5 24.7#



Abundance Ion 82.00 (81.70 to 82.70): BF117777.D (-956) (-)

Ion 95.00 (94.70 to 95.70): BF117777.D (-956) (-)

Ion 138.00 (137.70 to 138.70): BF117777.D (-956) (-)



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.97 min Scan# 1340

Delta R.T. -0.01 min

Lab File: BF117804.D

Acq: 15 Nov 2019 15:50

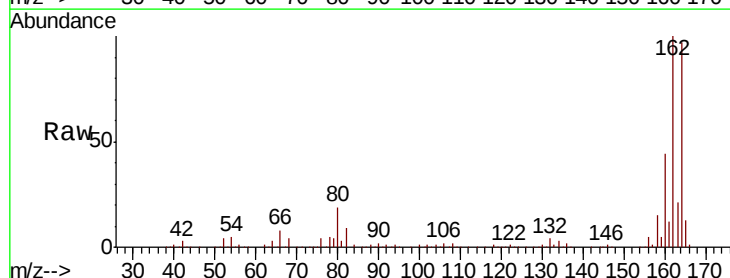
Tgt Ion:164 Resp: 580617

Ion Ratio Lower Upper

164 100

162 102.6 81.3 121.9

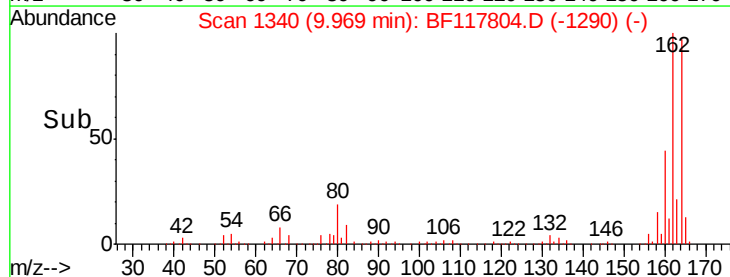
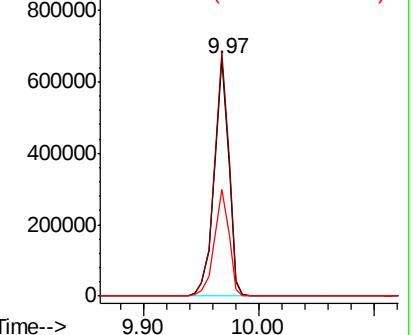
160 44.8 36.6 55.0



Abundance Ion 164.00 (163.70 to 164.70): BF117777.D (-1335) (-)

Ion 162.00 (161.70 to 162.70): BF117777.D (-1335) (-)

Ion 160.00 (159.70 to 160.70): BF117777.D (-1335) (-)

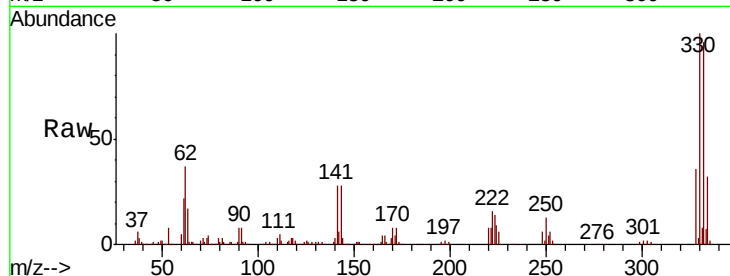




#42
2,4,6-Tribromophenol
Concen: 104.376 ng
RT: 10.76 min Scan# 1475
Delta R.T. -0.01 min
Lab File: BF117804.D
Acq: 15 Nov 2019 15:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.7	115.1
141	34.1	27.7	41.5

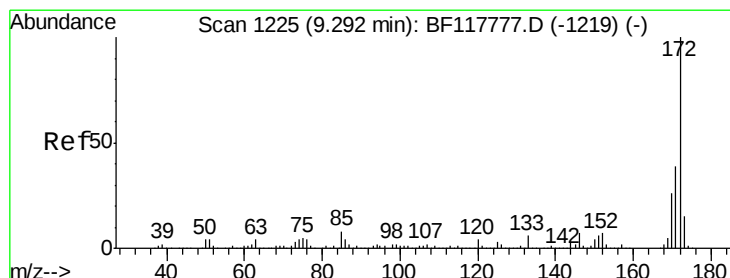
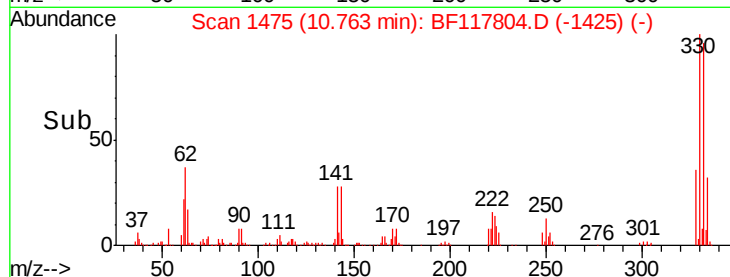
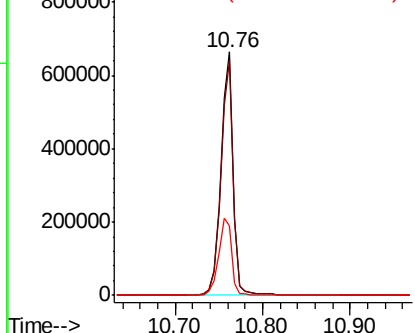


Abundance

Ion 329.80 (329.50 to 330.50): E

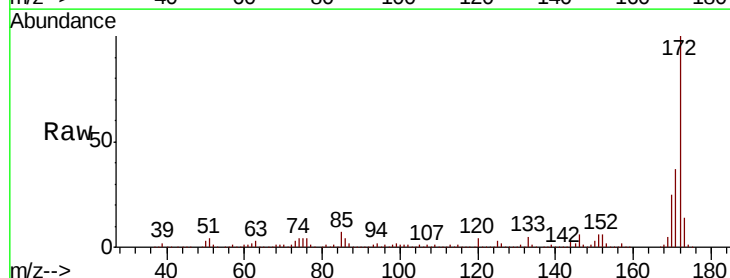
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
2-Fluorobiphenyl
Concen: 76.968 ng
RT: 9.29 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BF117804.D
Acq: 15 Nov 2019 15:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	30.9	46.3
170	25.3	21.0	31.4

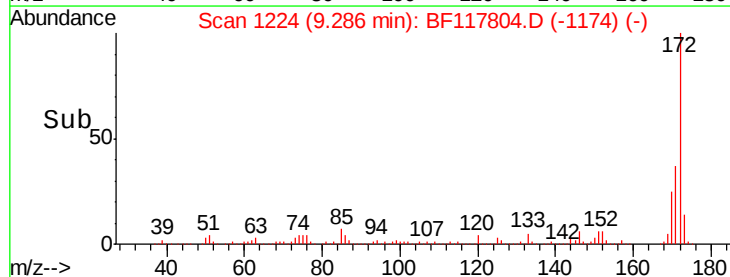
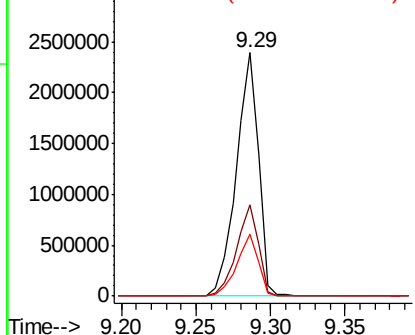


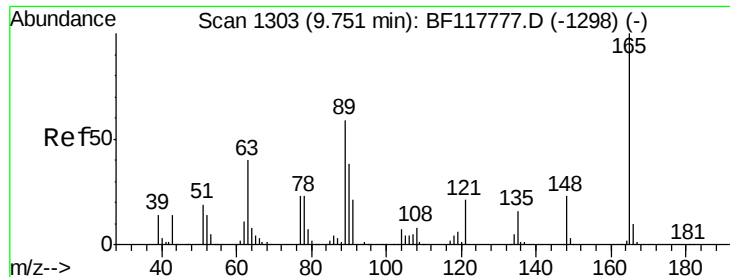
Abundance

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

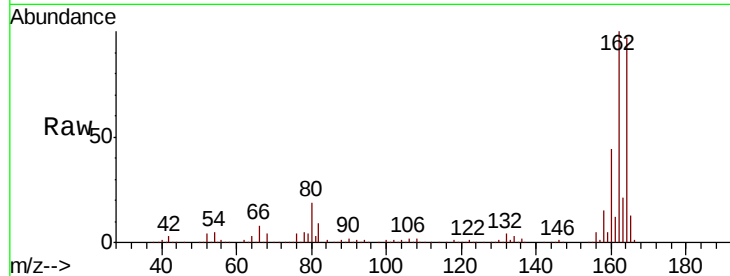




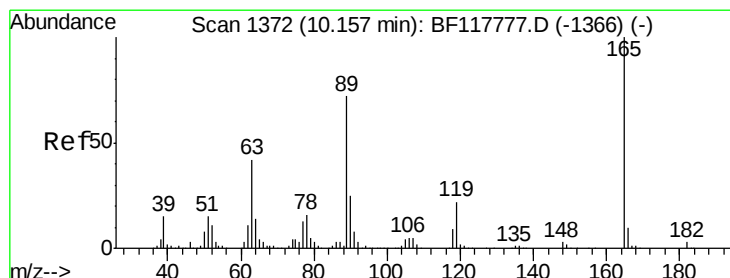
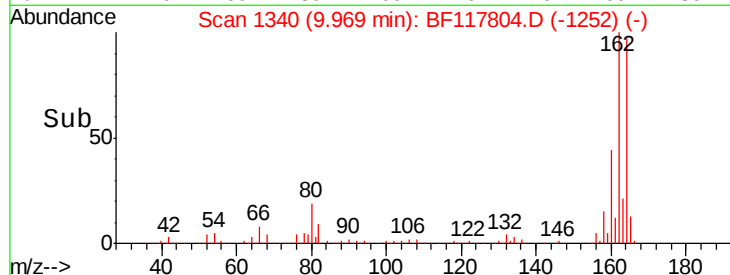
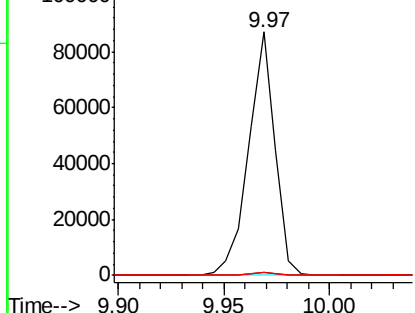
#51
 2,6-Dinitrotoluene
 Concen: 8.485 ng
 RT: 9.97 min Scan# 1340
 Delta R.T. 0.22 min
 Lab File: BF117804.D
 Acq: 15 Nov 2019 15:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	46.0	69.0#
89	1.3	47.7	71.5#



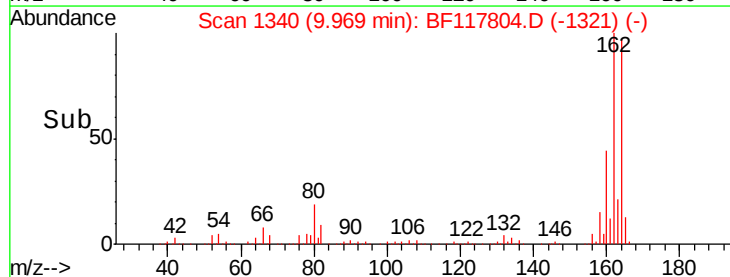
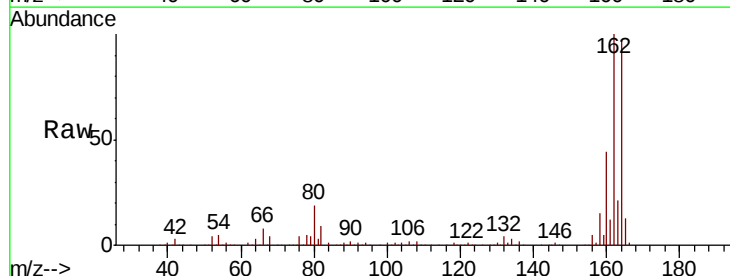
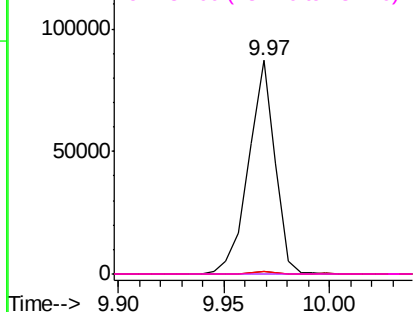
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

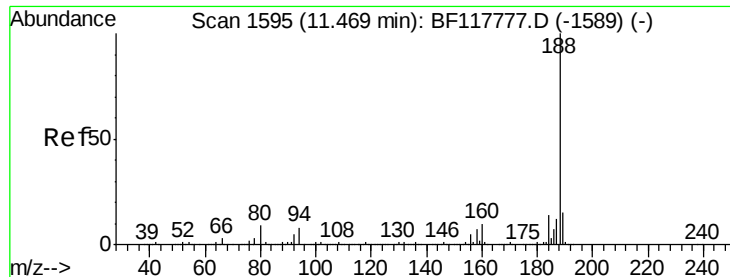


#57
 2,4-Dinitrotoluene
 Concen: 6.670 ng
 RT: 9.97 min Scan# 1340
 Delta R.T. -0.19 min
 Lab File: BF117804.D
 Acq: 15 Nov 2019 15:50

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	33.7	50.5#
89	1.3	57.3	85.9#
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: 11.46 min Scan# 1594

Delta R.T. -0.01 min

Lab File: BF117804.D

Acq: 15 Nov 2019 15:50

Instrument :

BNA_F

ClientSampleId :

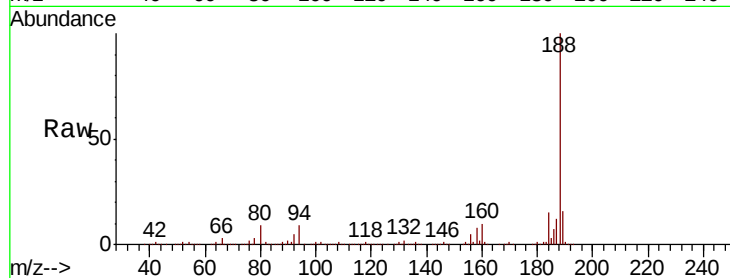
Tot Ion:188 Resp: 1114258

Ion Ratio Lower Upper

188 100

94 8.7 6.6 10.0

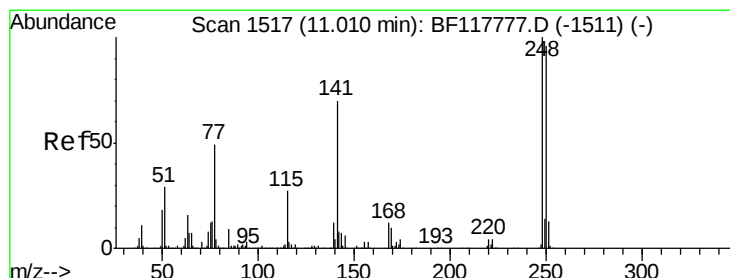
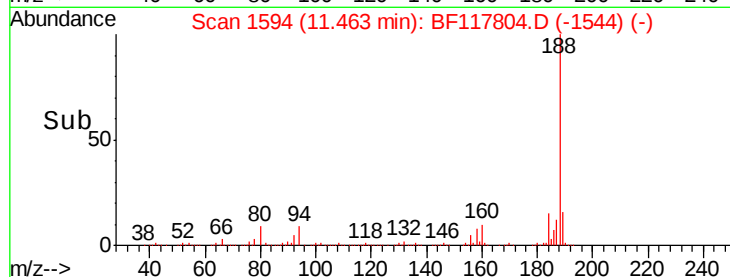
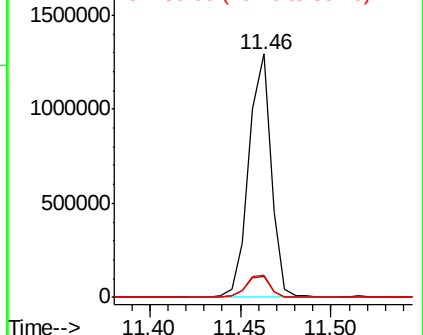
80 9.1 7.2 10.8



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: 3.514 ng

RT: 10.76 min Scan# 1475

Delta R.T. -0.25 min

Lab File: BF117804.D

Acq: 15 Nov 2019 15:50

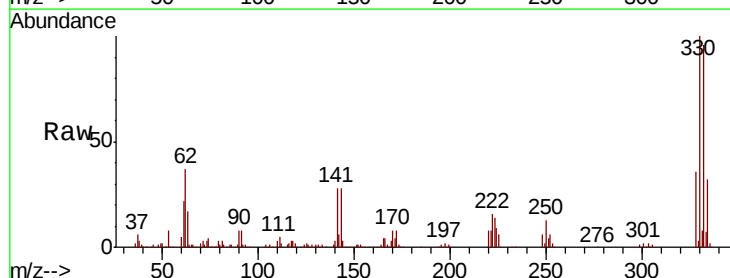
Tgt Ion:248 Resp: 42244

Ion Ratio Lower Upper

248 100

250 205.0 76.6 115.0#

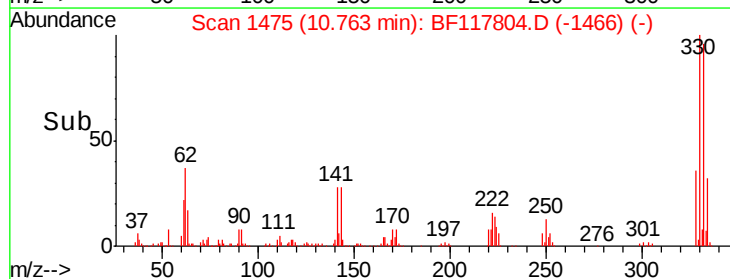
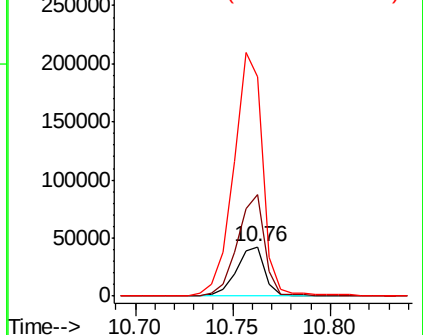
141 445.4 55.9 83.9#

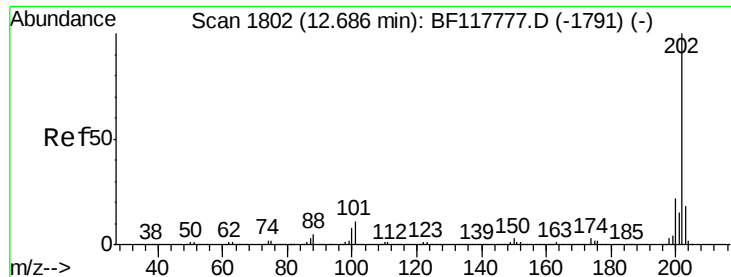


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

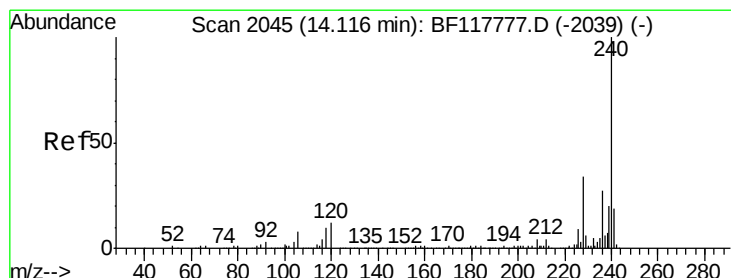
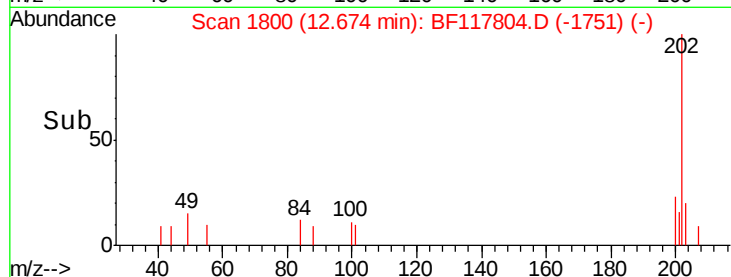
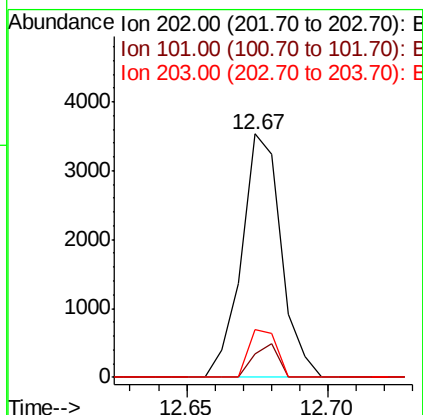
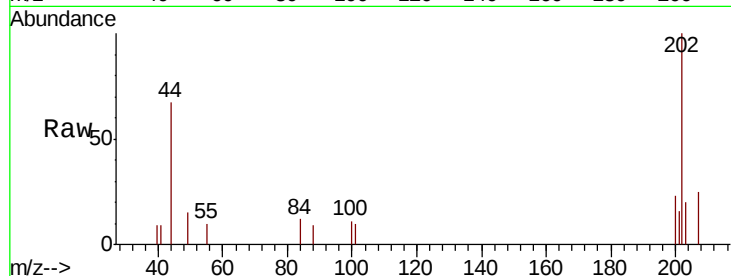




#75
Fluoranthene
Concen: Below Cal
RT: 12.67 min Scan# 1800
Delta R.T. -0.01 min
Lab File: BF117804.D
Acq: 15 Nov 2019 15:50

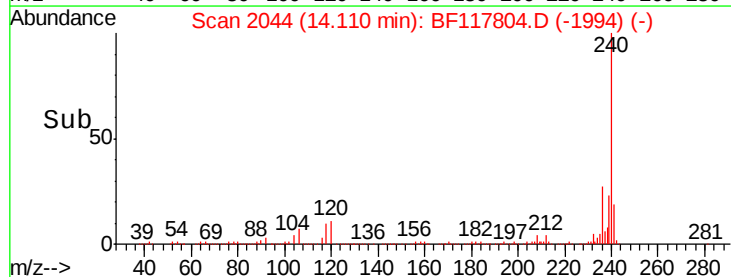
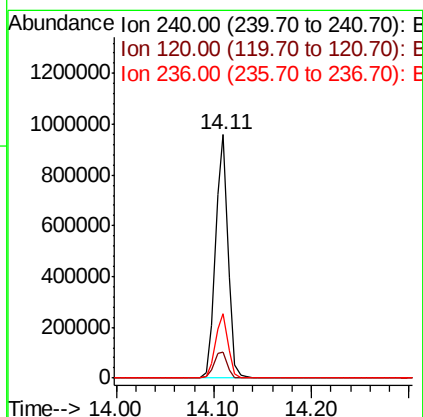
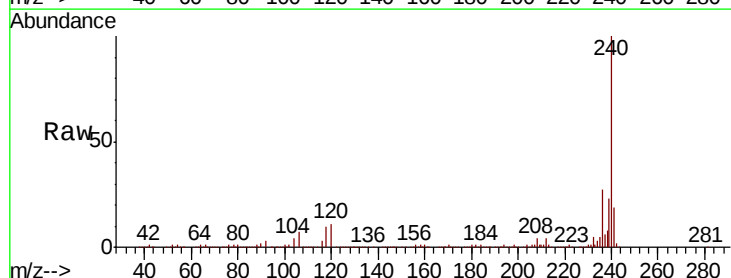
Instrument :
BNA_F
ClientSampleId :

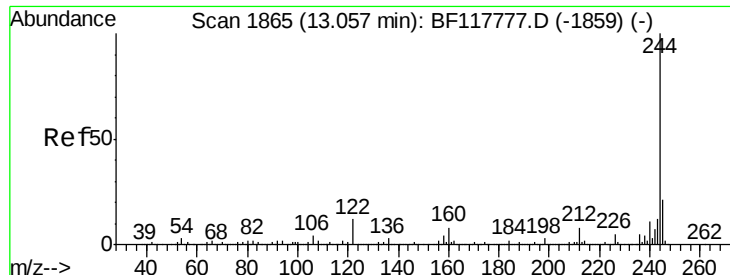
Tot Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	31.1
203	19.7	0.0	38.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.11 min Scan# 2044
Delta R.T. -0.01 min
Lab File: BF117804.D
Acq: 15 Nov 2019 15:50

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.7	9.5	14.3
236	26.5	21.3	31.9





#79

Terphenyl-d14

Concen: 62.702 ng

RT: 13.06 min Scan# 1865

Delta R.T. -0.00 min

Lab File: BF117804.D

Acq: 15 Nov 2019 15:50

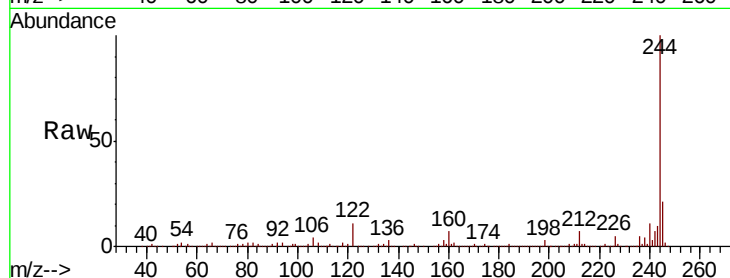
Instrument :

BNA_F

ClientSampleId :

Tot Ion:244 Resp: 2899671

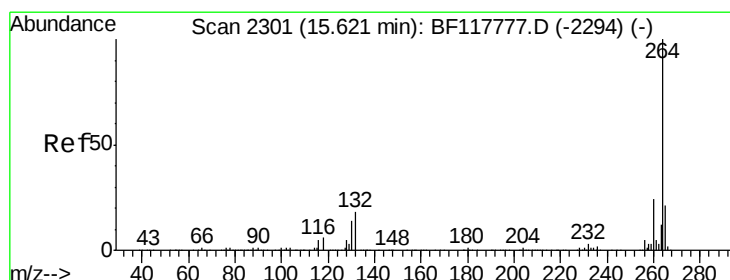
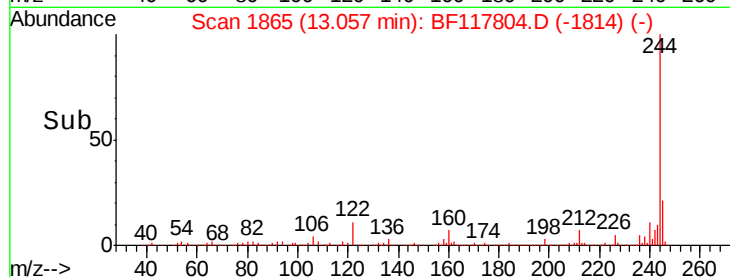
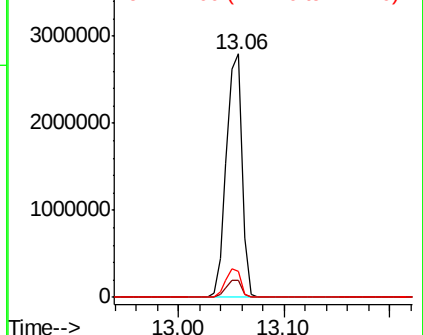
Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.3	9.5
122	10.5	9.4	14.2



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

Perylene-d12

Concen: 20.000 ng

RT: 15.62 min Scan# 2300

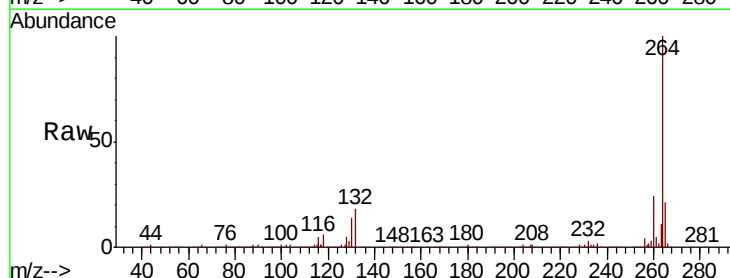
Delta R.T. -0.01 min

Lab File: BF117804.D

Acq: 15 Nov 2019 15:50

Tgt Ion:264 Resp: 774136

Ion	Ratio	Lower	Upper
264	100		
260	23.6	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

