

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111519\
 Data File : BF117808.D
 Acq On : 15 Nov 2019 17:41
 Operator : JU
 Sample : K5861-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 18 01:41:13 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

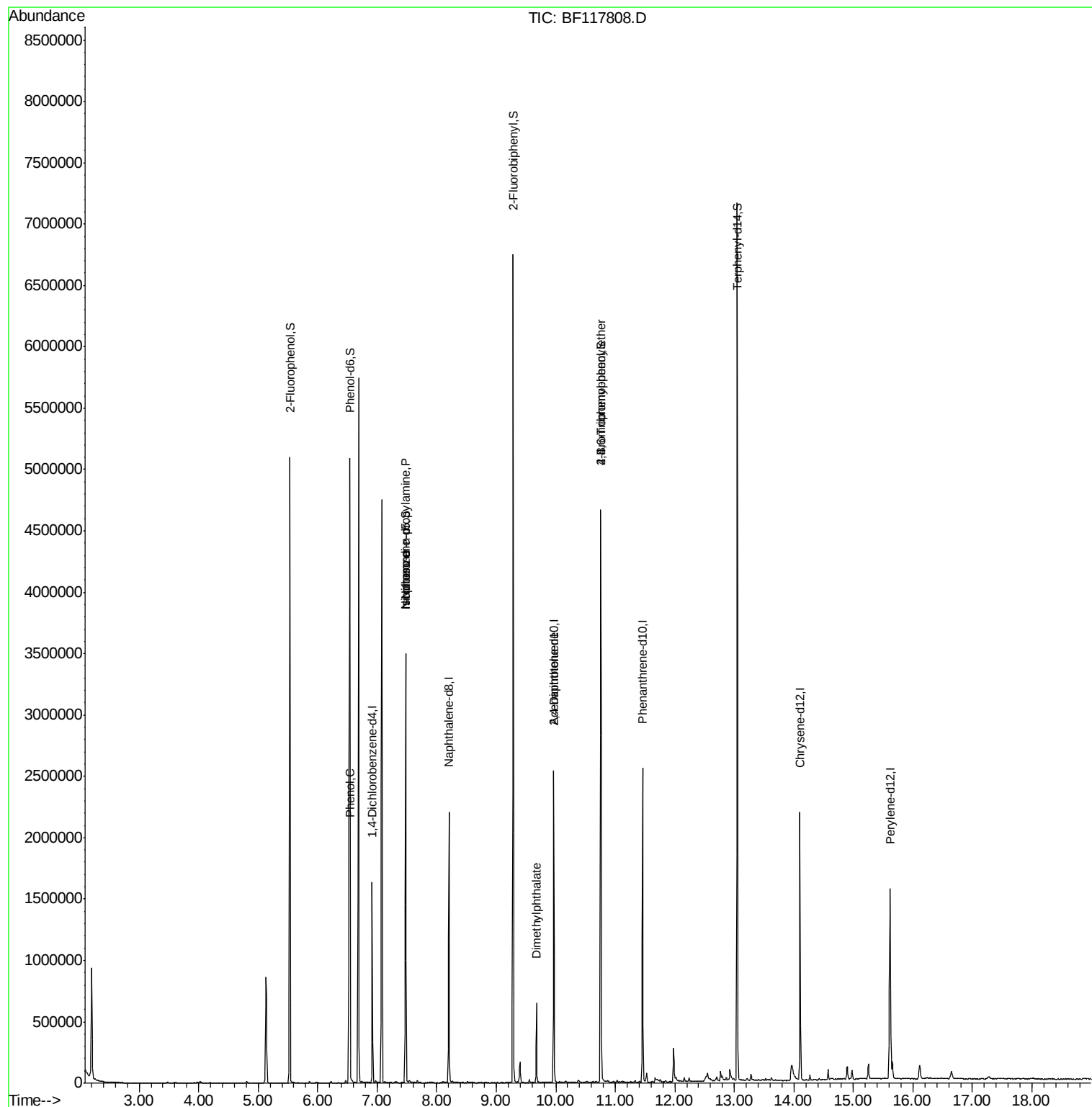
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	241309	20.00	ng	-0.01
21) Naphthalene-d8	8.20	136	949369	20.00	ng	-0.01
39) Acenaphthene-d10	9.97	164	501919	20.00	ng	0.00
64) Phenanthrene-d10	11.46	188	954673	20.00	ng	-0.01
76) Chrysene-d12	14.10	240	679084	20.00	ng	-0.01
87) Perylene-d12	15.62	264	717785	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1431096	104.98	ng	0.00
7) Phenol-d6	6.54	99	1793334	109.06	ng	0.00
23) Nitrobenzene-d5	7.48	82	1109947	69.50	ng	-0.01
42) 2,4,6-Tribromophenol	10.76	330	555231	104.49	ng	-0.01
45) 2-Fluorobiphenyl	9.29	172	2061448	73.68	ng	0.00
79) Terphenyl-d14	13.05	244	2367599	63.72	ng	0.00
Target Compounds						
9) Benzaldehyde	6.54	77	3099	Below Cal	Qvalue	# 1
10) Phenol	6.55	94	40482	2.369 ng		93
19) n-Nitroso-di-n-propylamine	7.48	70	151974	14.982 ng	#	76
25) Isophorone	7.48	82	1107377	37.832 ng	#	62
50) Dimethylphthalate	9.67	163	239714	6.811 ng		99
57) 2,4-Dinitrotoluene	9.97	165	64088	6.550 ng	#	24
67) 4-Bromophenyl-phenylether	10.76	248	35672	3.463 ng	#	1
75) Fluoranthene	12.67	202	3045	Below Cal		97

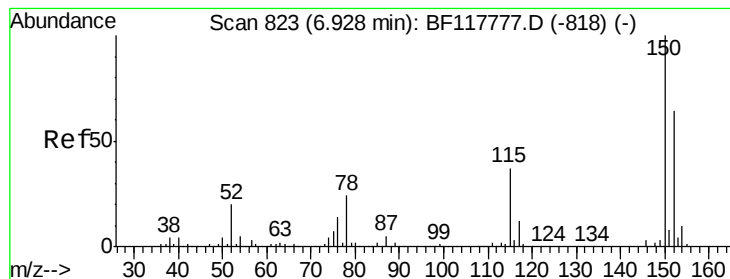
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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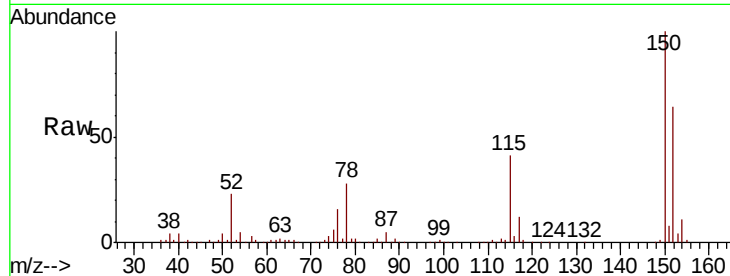


#1

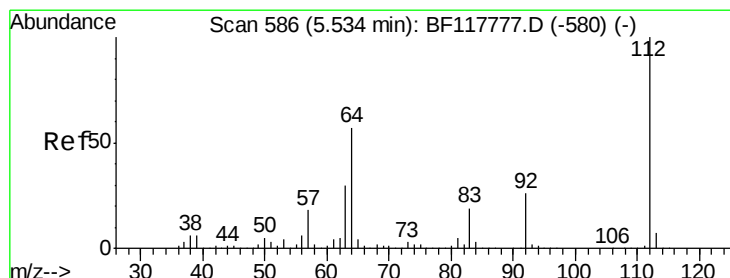
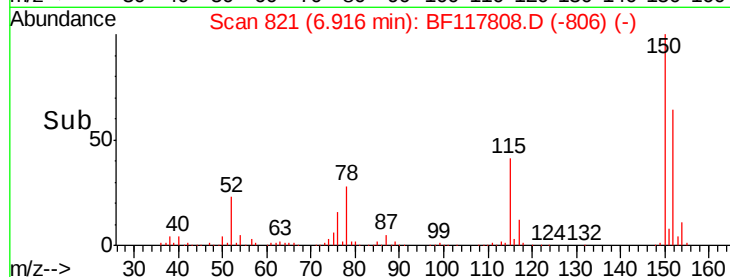
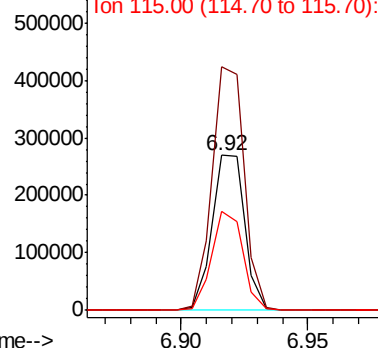
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF117808.D
Acq: 15 Nov 2019 17:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 241309
Ion Ratio Lower Upper
152 100
150 156.8 125.3 187.9
115 64.1 47.0 70.4



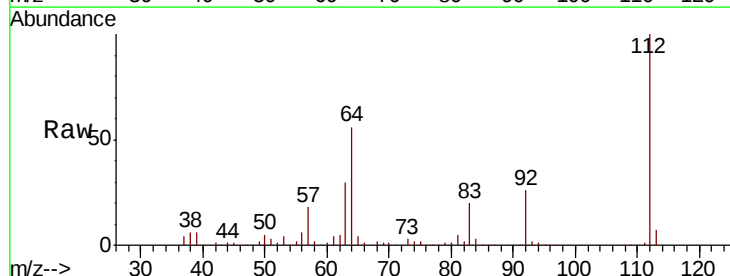
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



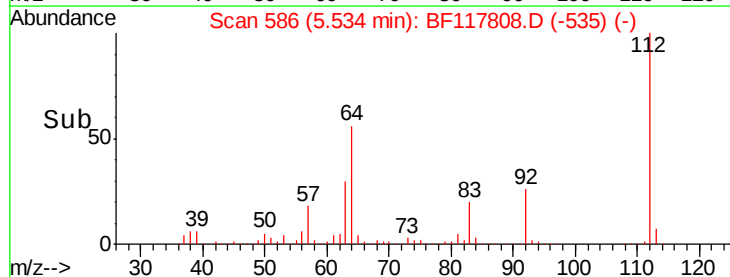
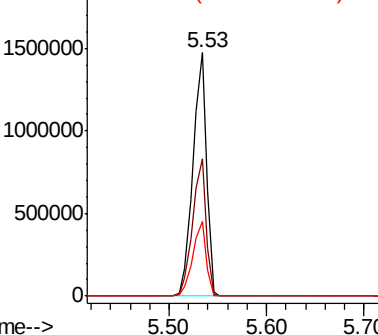
#5

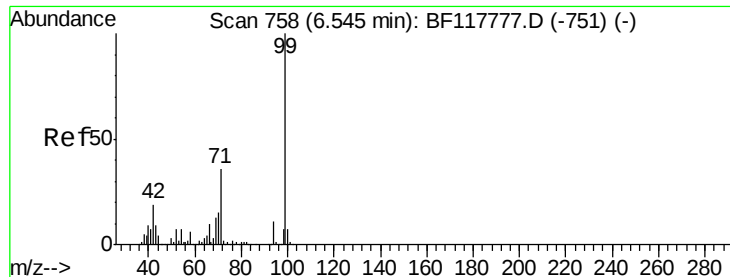
2-Fluorophenol
Concen: 104.977 ng
RT: 5.53 min Scan# 586
Delta R.T. -0.00 min
Lab File: BF117808.D
Acq: 15 Nov 2019 17:41

Tgt Ion:112 Resp: 1431096
Ion Ratio Lower Upper
112 100
64 56.3 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: 109.064 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF117808.D

Acq: 15 Nov 2019 17:41

Instrument :

BNA_F

ClientSampleId :

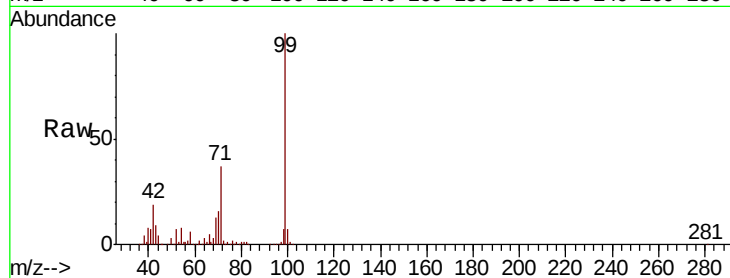
Tot Ion: 99 Resp: 1793334

Ion Ratio Lower Upper

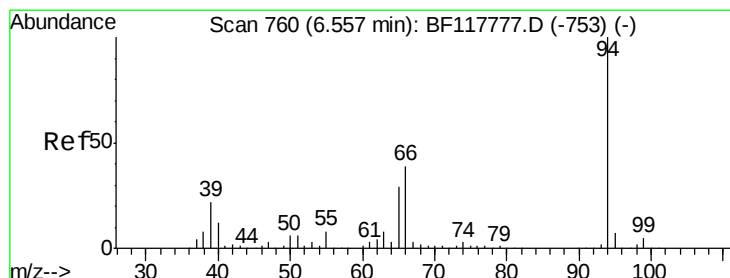
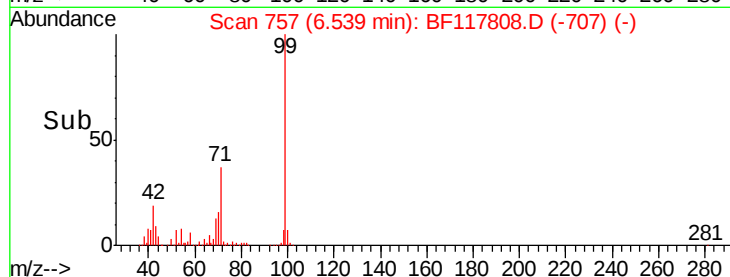
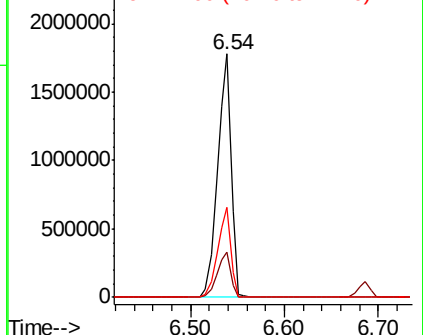
99 100

42 18.8 14.9 22.3

71 36.8 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: 2.369 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF117808.D

Acq: 15 Nov 2019 17:41

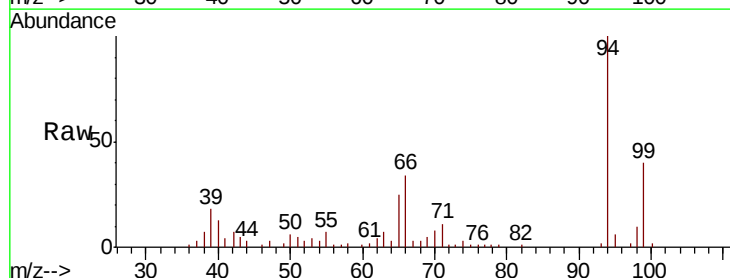
Tgt Ion: 94 Resp: 40482

Ion Ratio Lower Upper

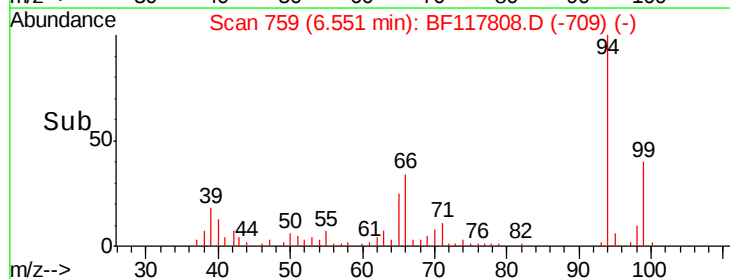
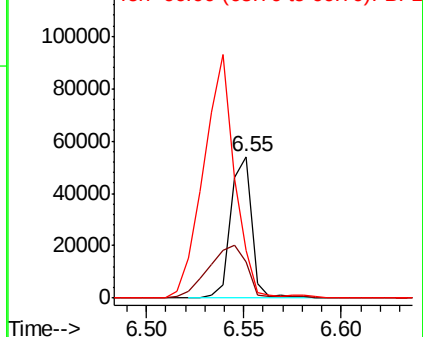
94 100

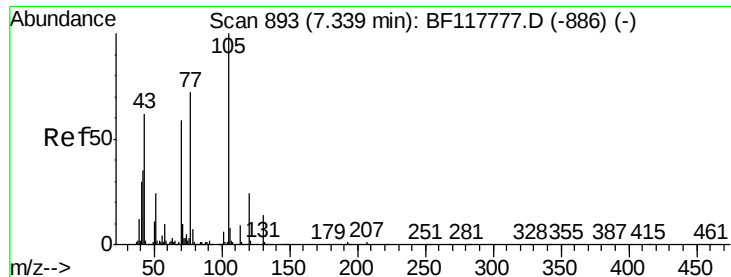
65 25.5 8.9 48.9

66 33.8 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

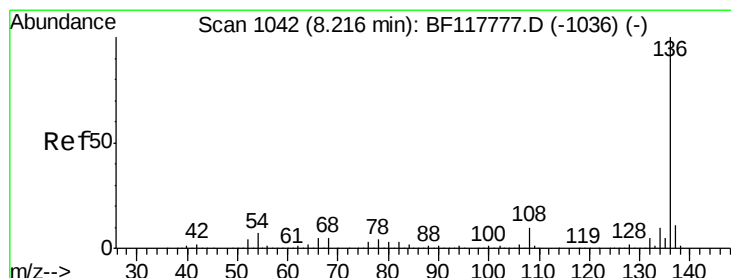
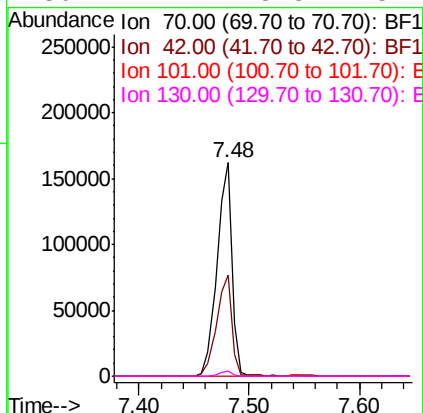
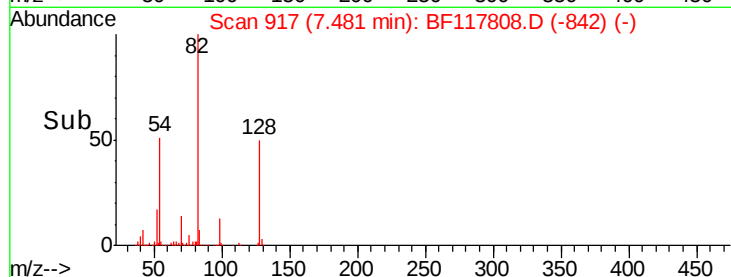
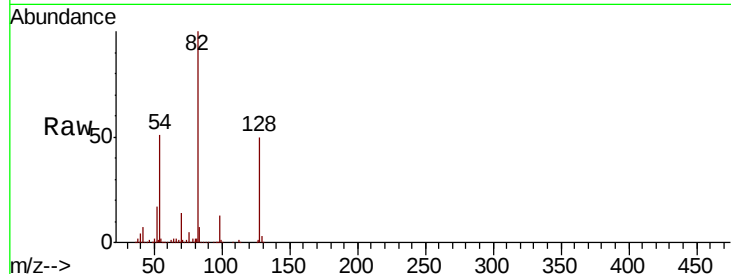




#19
n-Nitroso-di-n-propylamine
Concen: 14.982 ng
RT: 7.48 min Scan# 917
Delta R.T. 0.14 min
Lab File: BF117808.D
Acq: 15 Nov 2019 17:41

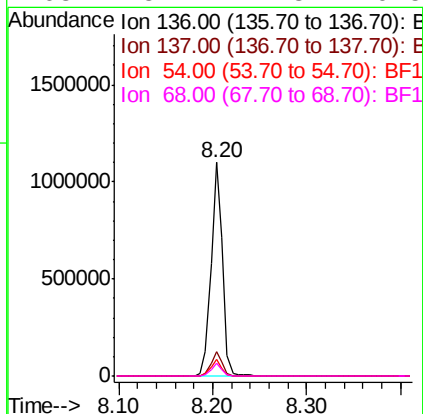
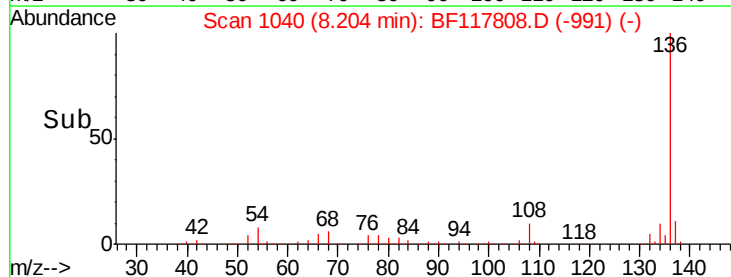
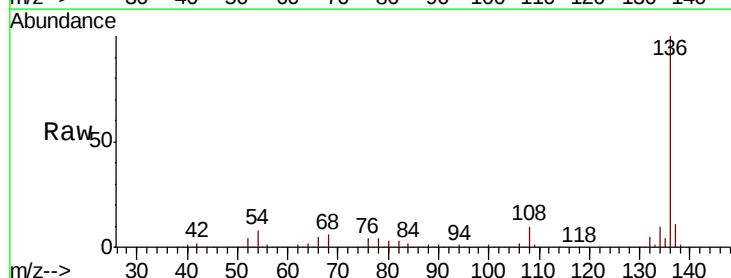
Instrument :
BNA_F
ClientSampleId :

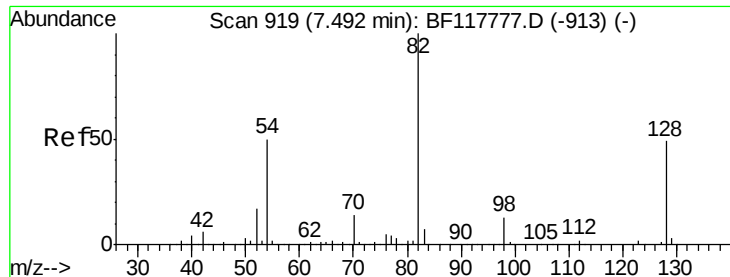
Tot Ion: 70 Resp: 151974
Ion Ratio Lower Upper
70 100
42 47.5 47.4 71.2
101 0.0 8.4 12.6#
130 2.4 18.8 28.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF117808.D
Acq: 15 Nov 2019 17:41

Tgt Ion: 136 Resp: 949369
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.4
54 7.7 5.4 8.2
68 5.7 4.3 6.5

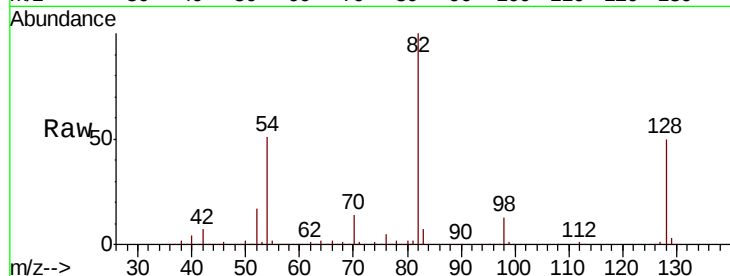




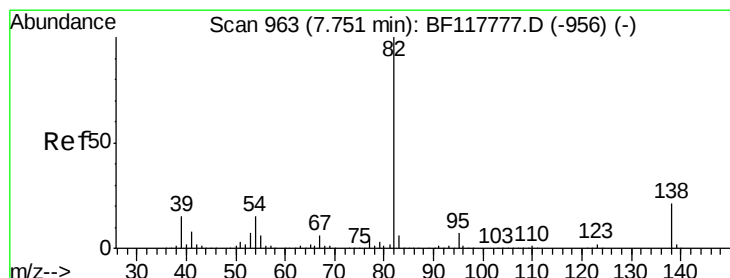
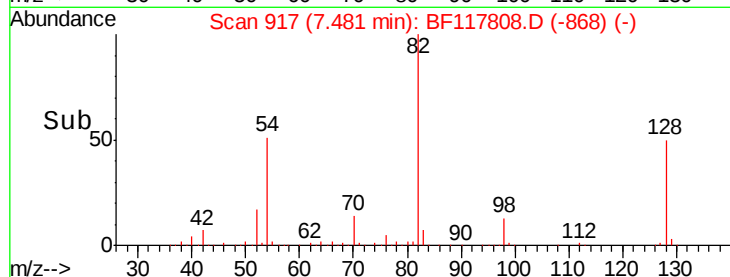
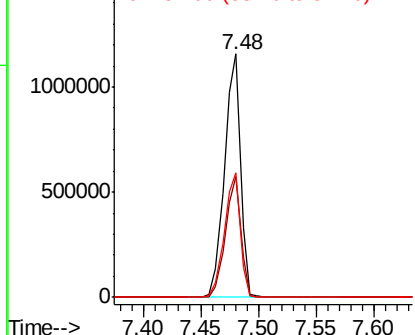
#23
Nitrobenzene-d5
Concen: 69.501 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.01 min
Lab File: BF117808.D
Acq: 15 Nov 2019 17:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1109947
Ion Ratio Lower Upper
82 100
128 49.5 38.9 58.3
54 50.9 39.8 59.6

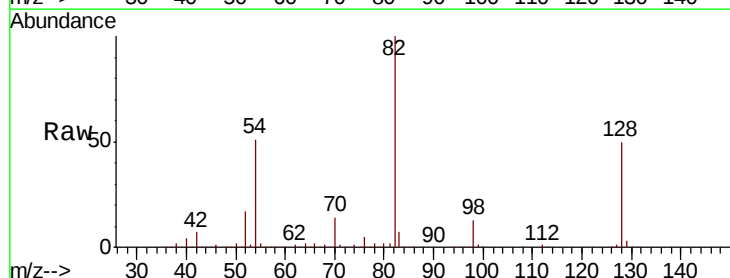


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

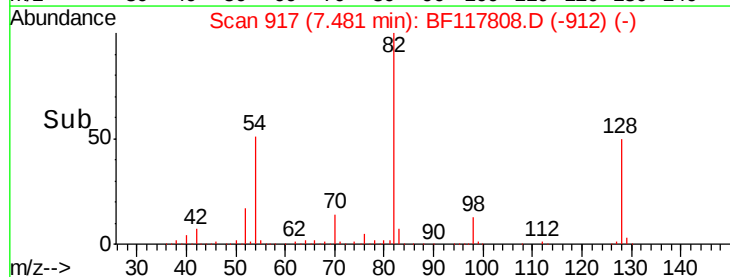
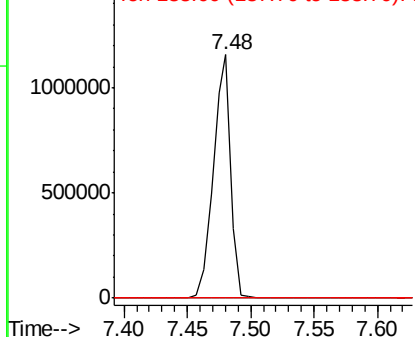


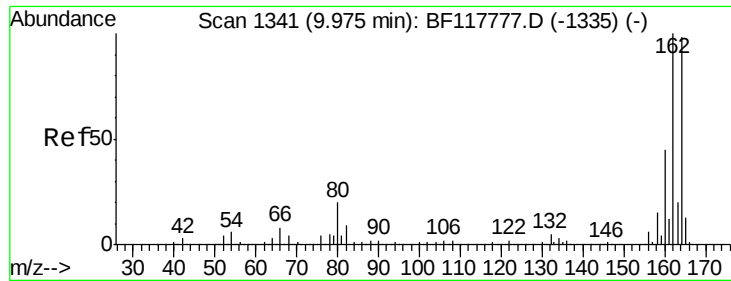
#25
Isophorone
Concen: 37.832 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.27 min
Lab File: BF117808.D
Acq: 15 Nov 2019 17:41

Tgt Ion: 82 Resp: 1107377
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

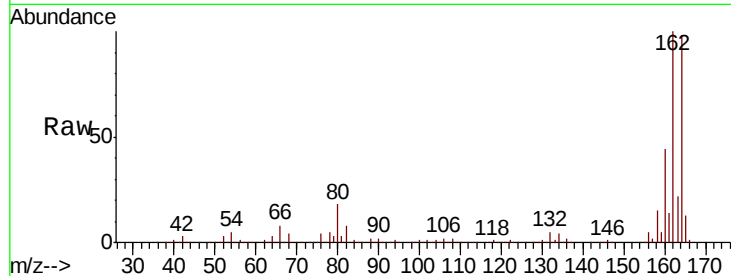




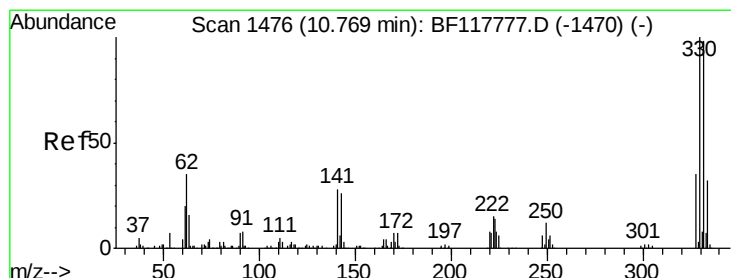
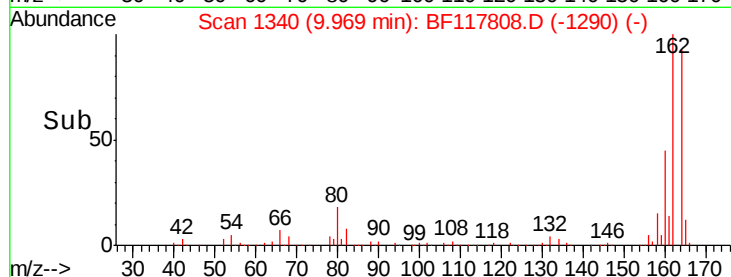
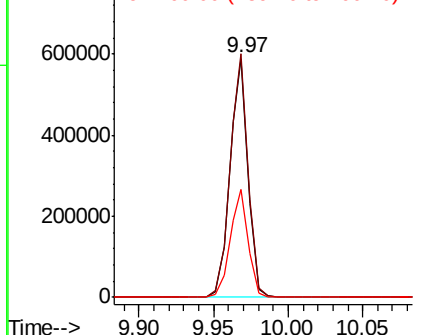
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF117808.D
Acq: 15 Nov 2019 17:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.0	81.3	121.9
160	45.3	36.6	55.0

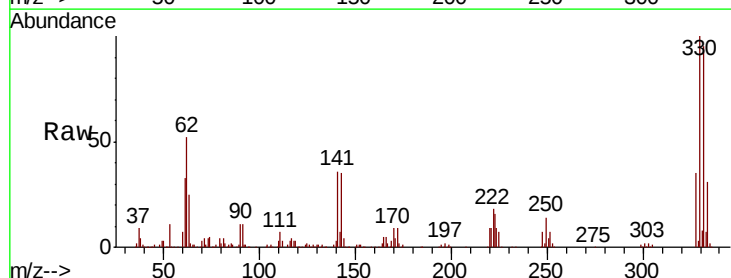


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

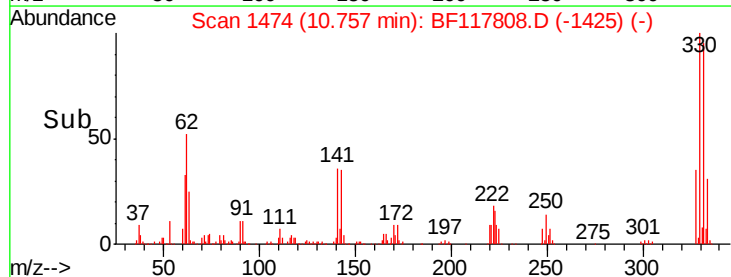
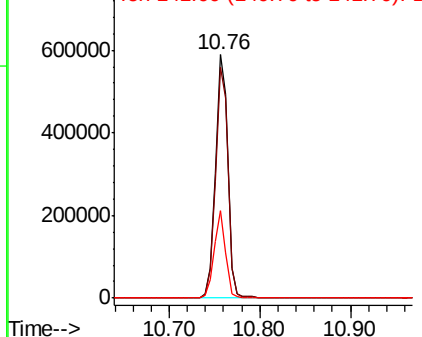


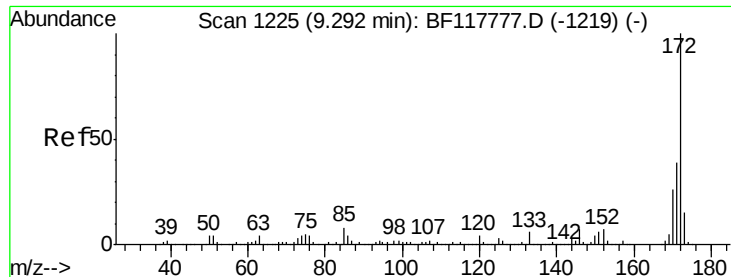
#42
2,4,6-Tribromophenol
Concen: 104.489 ng
RT: 10.76 min Scan# 1474
Delta R.T. -0.01 min
Lab File: BF117808.D
Acq: 15 Nov 2019 17:41

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.7	115.1
141	33.8	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

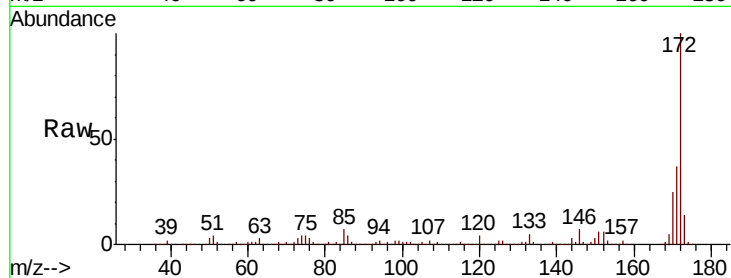




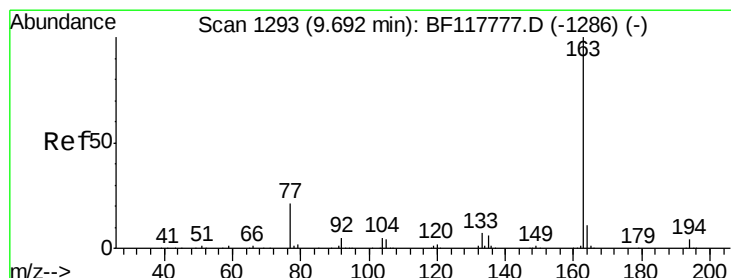
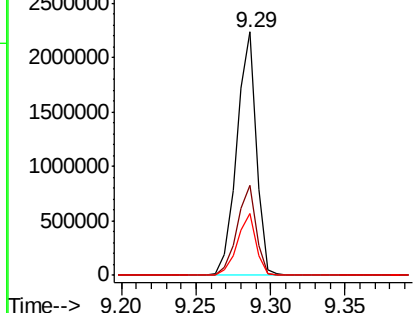
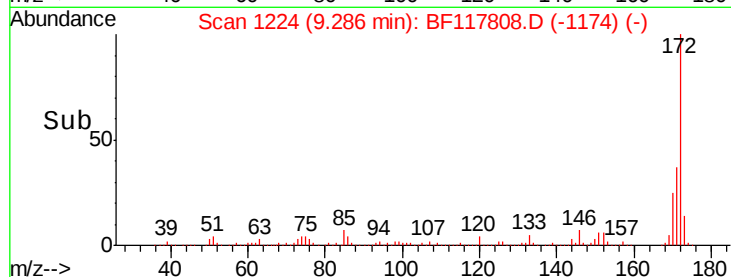
#45
2-Fluorobiphenyl
Concen: 73.683 ng
RT: 9.29 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BF117808.D
Acq: 15 Nov 2019 17:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 2061448
Ion Ratio Lower Upper
172 100
171 37.2 30.9 46.3
170 25.3 21.0 31.4

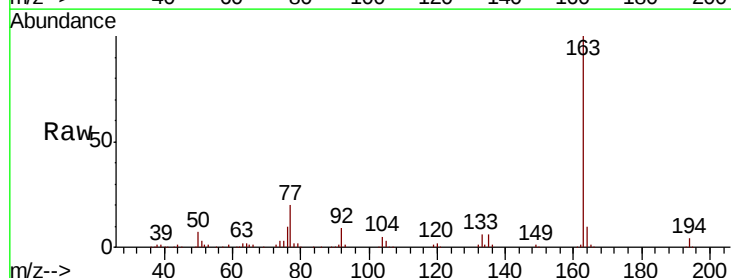


Abundance Ion 172.00 (171.70 to 172.70): E
3000000 Ion 171.00 (170.70 to 171.70): E
2500000 Ion 170.00 (169.70 to 170.70): E

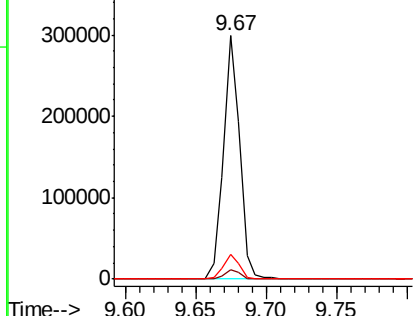
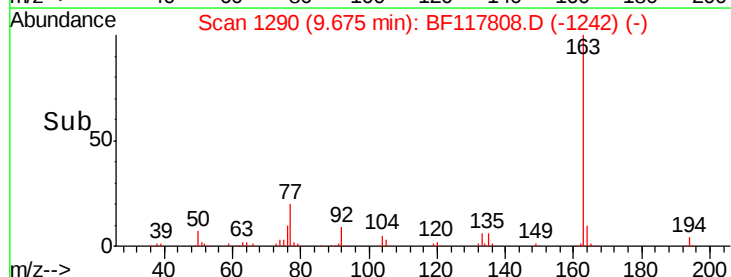


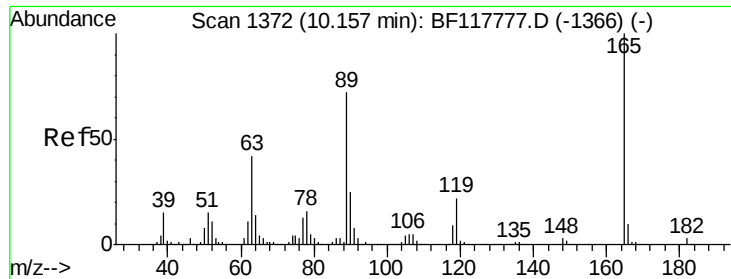
#50
Dimethylphthalate
Concen: 6.811 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BF117808.D
Acq: 15 Nov 2019 17:41

Tgt Ion:163 Resp: 239714
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.2 8.7 13.1



Abundance Ion 163.00 (162.70 to 163.70): E
400000 Ion 194.00 (193.70 to 194.70): E
300000 Ion 164.00 (163.70 to 164.70): E

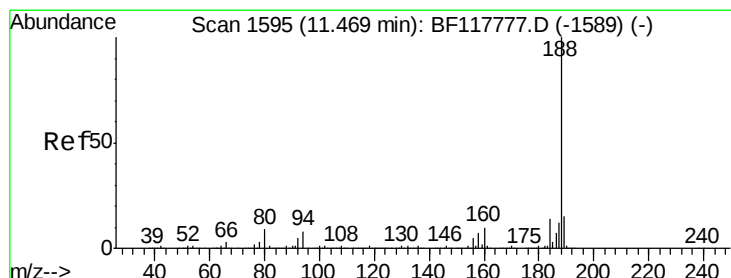
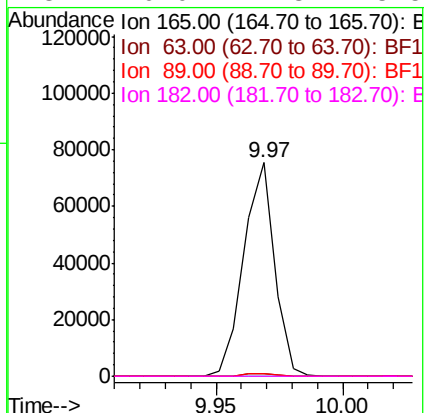
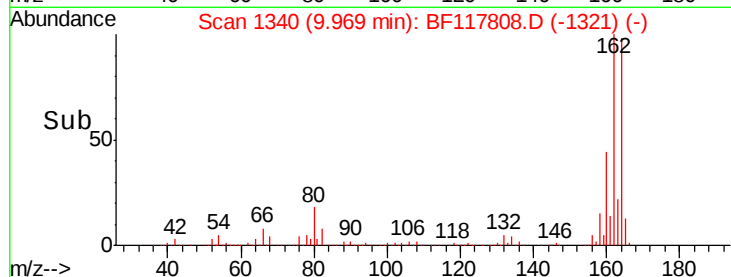
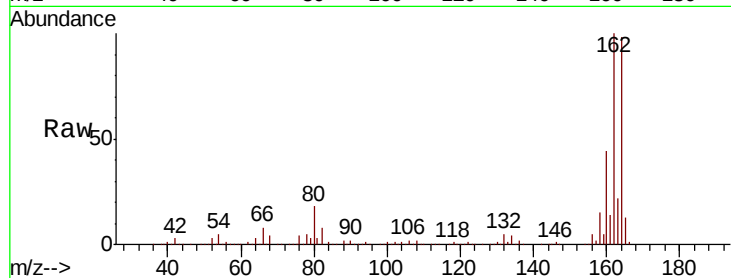




#57
 2,4-Dinitrotoluene
 Concen: 6.550 ng
 RT: 9.97 min Scan# 1340
 Delta R.T. -0.19 min
 Lab File: BF117808.D
 Acq: 15 Nov 2019 17:41

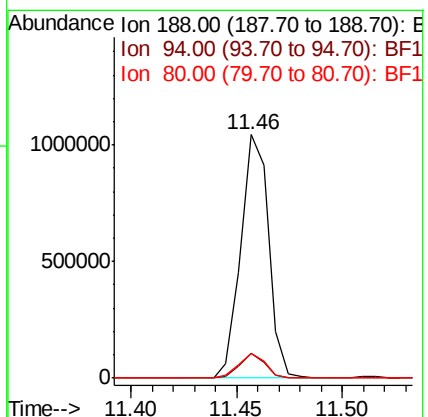
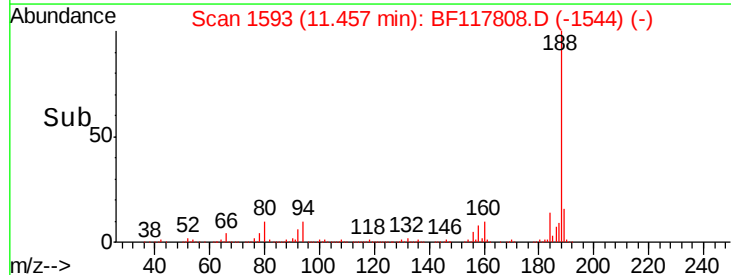
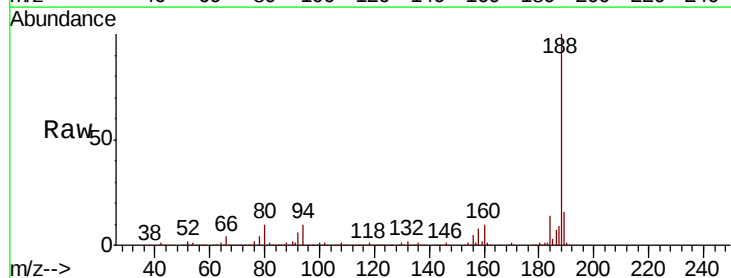
Instrument :
 BNA_F
 ClientSampleId :

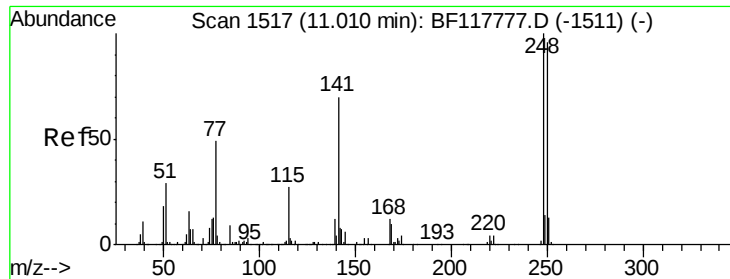
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	33.7	50.5#
89	1.1	57.3	85.9#
182	0.0	2.3	3.5#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.46 min Scan# 1593
 Delta R.T. -0.01 min
 Lab File: BF117808.D
 Acq: 15 Nov 2019 17:41

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.0	6.6	10.0
80	10.4	7.2	10.8

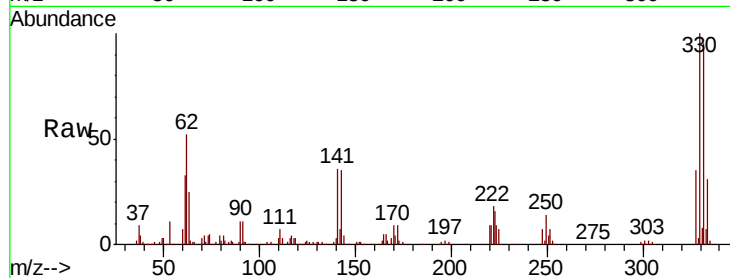




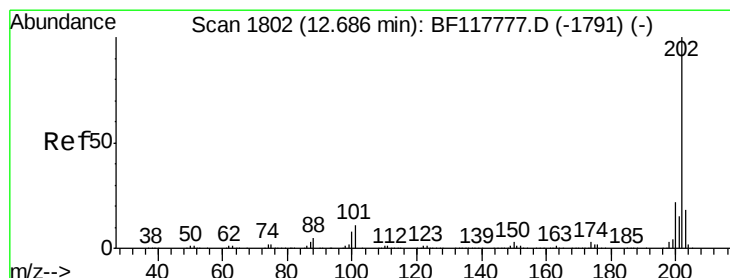
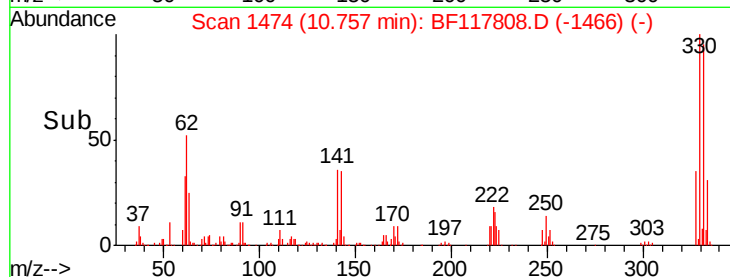
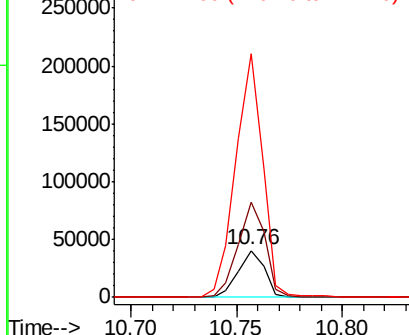
#67
 4-Bromophenyl-phenylether
 Concen: 3.463 ng
 RT: 10.76 min Scan# 1474
 Delta R.T. -0.25 min
 Lab File: BF117808.D
 Acq: 15 Nov 2019 17:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 35672
 Ion Ratio Lower Upper
 248 100
 250 203.3 76.6 115.0#
 141 522.4 55.9 83.9#

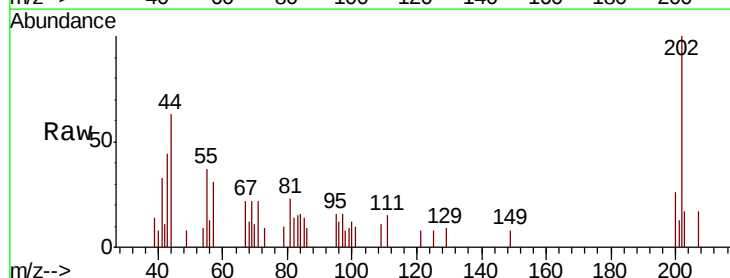


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

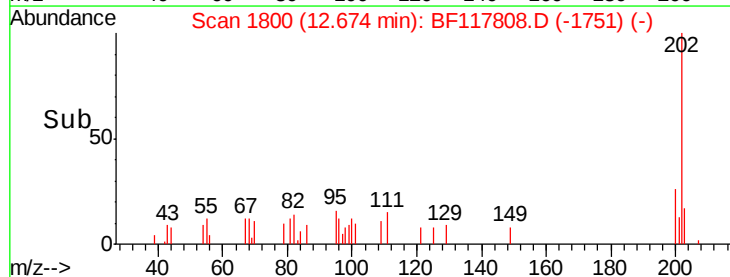
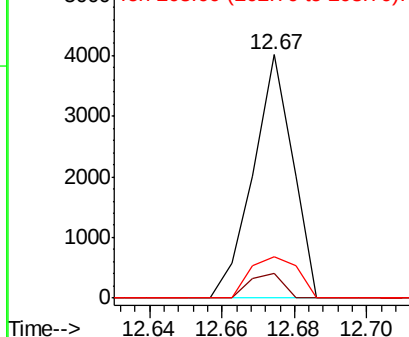


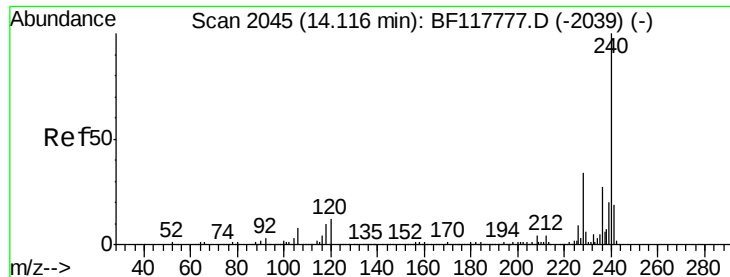
#75
 Fluoranthene
 Concen: Below Cal
 RT: 12.67 min Scan# 1800
 Delta R.T. -0.01 min
 Lab File: BF117808.D
 Acq: 15 Nov 2019 17:41

Tgt Ion:202 Resp: 3045
 Ion Ratio Lower Upper
 202 100
 101 10.1 0.0 31.1
 203 16.9 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: BF117808.D

Acq: 15 Nov 2019 17:41

Instrument :

BNA_F

ClientSampleId :

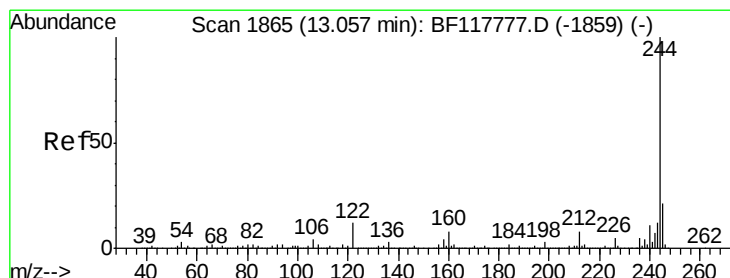
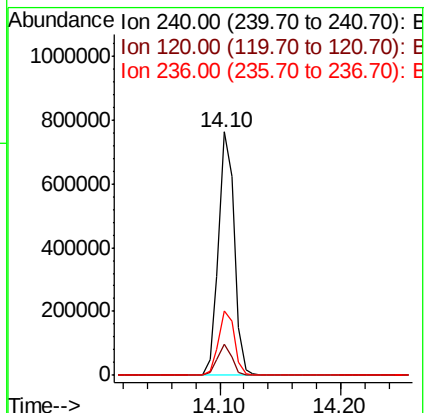
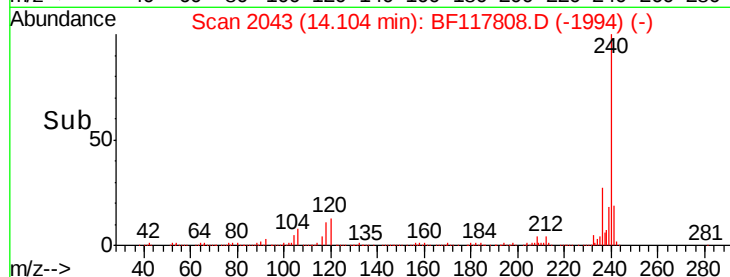
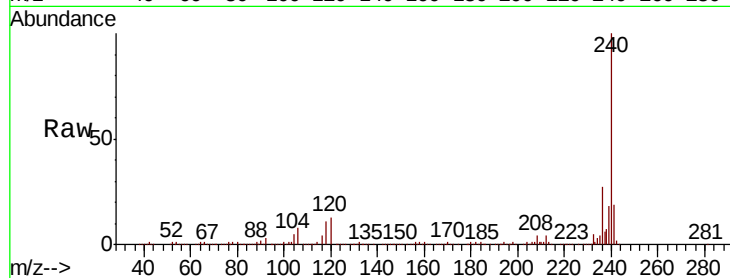
Tot Ion:240 Resp: 679084

Ion Ratio Lower Upper

240 100

120 12.6 9.5 14.3

236 26.5 21.3 31.9



#79

Terphenyl-d14

Concen: 63.719 ng

RT: 13.05 min Scan# 1864

Delta R.T. -0.01 min

Lab File: BF117808.D

Acq: 15 Nov 2019 17:41

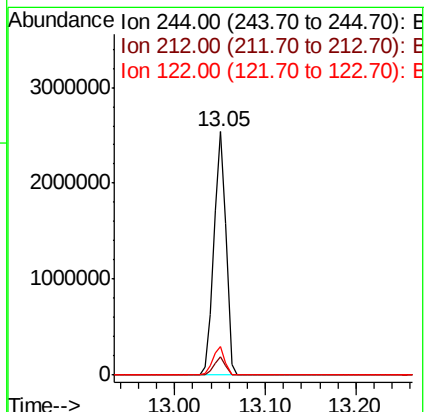
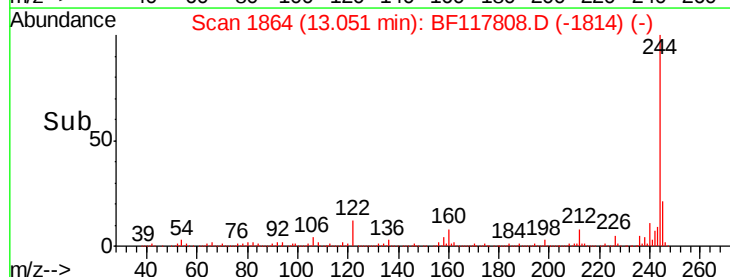
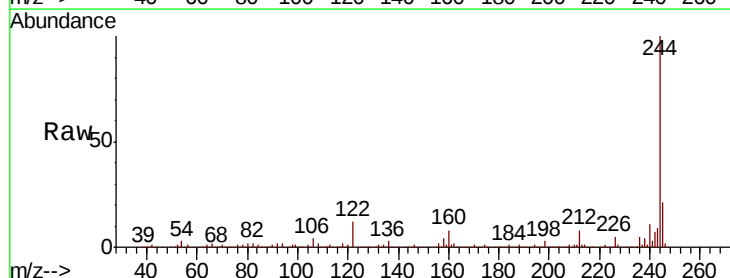
Tgt Ion:244 Resp: 2367599

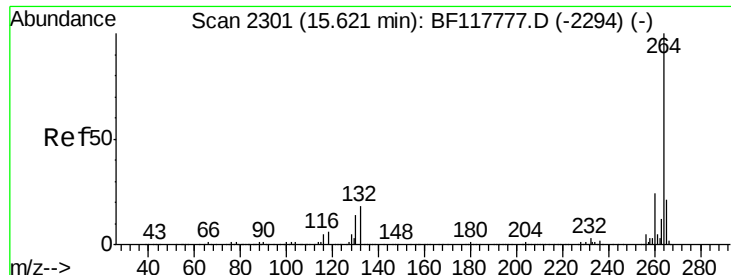
Ion Ratio Lower Upper

244 100

212 7.6 6.3 9.5

122 11.9 9.4 14.2

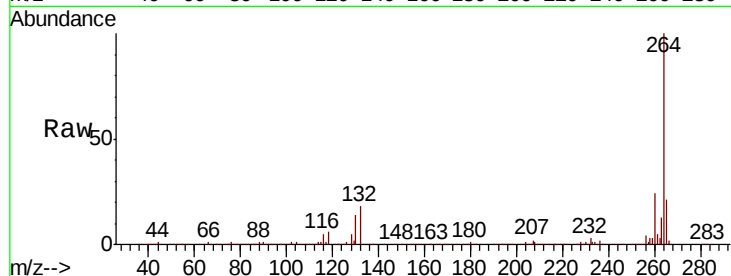




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.62 min Scan# 2300
 Delta R.T. -0.01 min
 Lab File: BF117808.D
 Acq: 15 Nov 2019 17:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	717785
Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.4	29.0
265	21.1	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

