

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111519\
 Data File : BF117816.D
 Acq On : 15 Nov 2019 21:19
 Operator : JU
 Sample : K5861-22
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 18 01:42:36 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

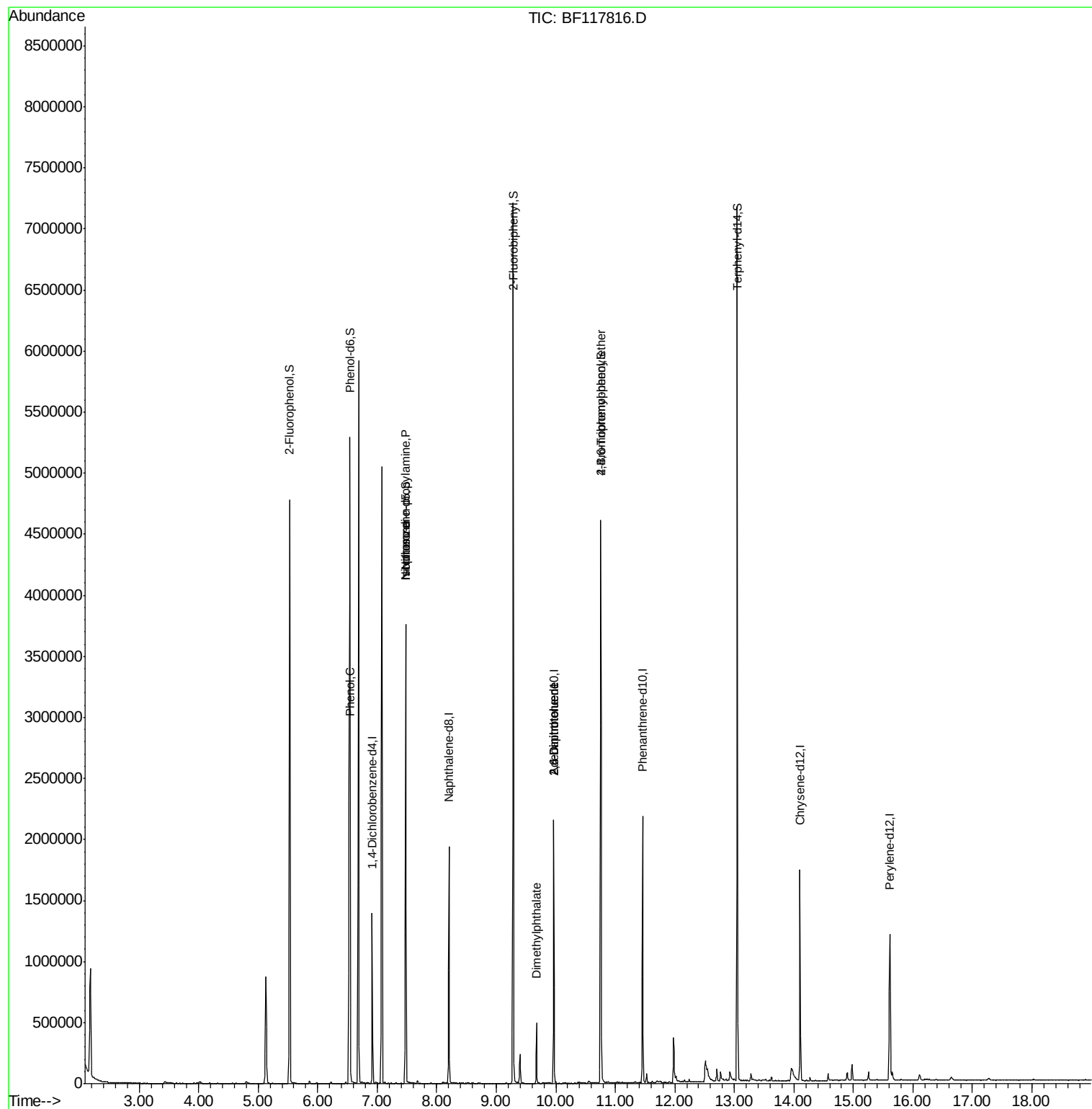
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	210583	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	815011	20.00	ng	-0.01
39) Acenaphthene-d10	9.97	164	422812	20.00	ng	0.00
64) Phenanthrene-d10	11.46	188	795895	20.00	ng	-0.01
76) Chrysene-d12	14.10	240	552283	20.00	ng	-0.01
87) Perylene-d12	15.62	264	594644	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1524357	128.13	ng	0.00
7) Phenol-d6	6.54	99	1889392	131.67	ng	0.00
23) Nitrobenzene-d5	7.48	82	1136590	82.90	ng	-0.01
42) 2,4,6-Tribromophenol	10.76	330	560270	125.16	ng	-0.01
45) 2-Fluorobiphenyl	9.29	172	2140560	90.83	ng	0.00
79) Terphenyl-d14	13.05	244	2459836	81.40	ng	0.00
Target Compounds						
9) Benzaldehyde	6.55	77	4087	Below Cal		Qvalue
10) Phenol	6.55	94	138449	9.285 ng	#	1
19) n-Nitroso-di-n-propylamine	7.48	70	155750	17.594 ng	#	92
25) Isophorone	7.48	82	1136571	45.230 ng	#	75
50) Dimethylphthalate	9.67	163	179740	6.062 ng	#	62
51) 2,6-Dinitrotoluene	9.97	165	54944	8.479 ng	#	98
57) 2,4-Dinitrotoluene	9.97	165	54944	6.666 ng	#	24
67) 4-Bromophenyl-phenylether	10.76	248	36285	4.225 ng	#	25
75) Fluoranthene	12.67	202	439	Below Cal		# 1
						63

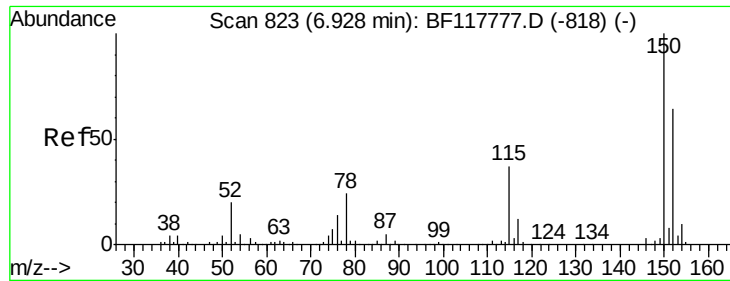
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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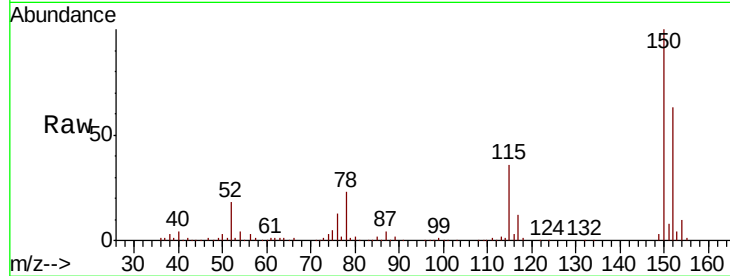


#1

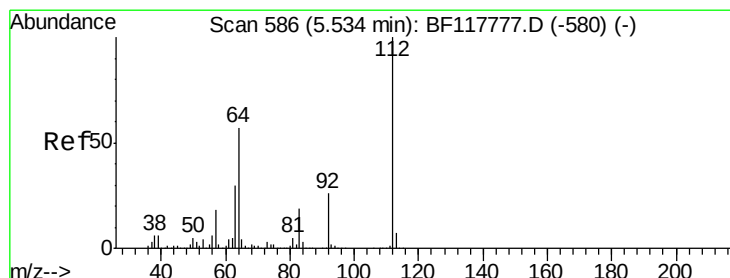
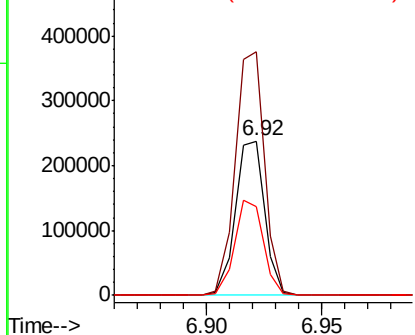
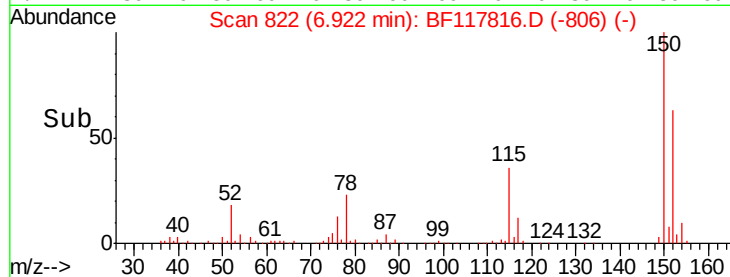
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 822
Delta R.T. -0.01 min
Lab File: BF117816.D
Acq: 15 Nov 2019 21:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 210583
Ion Ratio Lower Upper
152 100
150 157.6 125.3 187.9
115 57.5 47.0 70.4



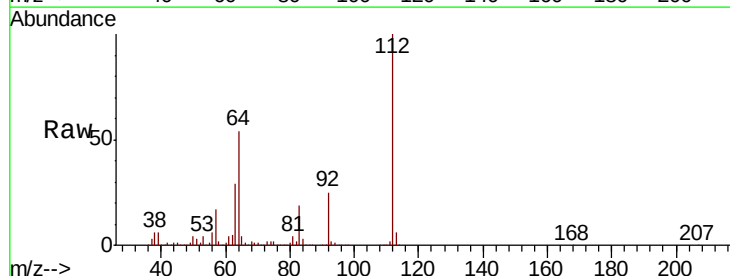
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



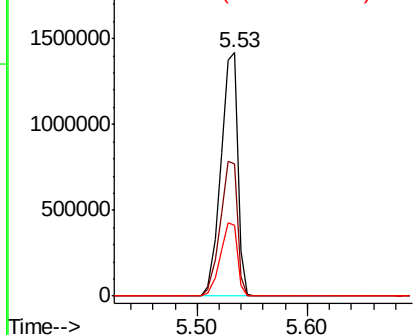
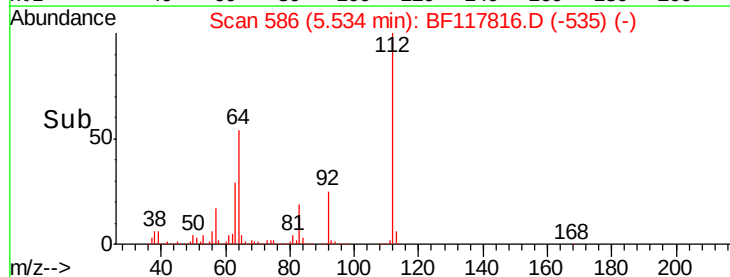
#5

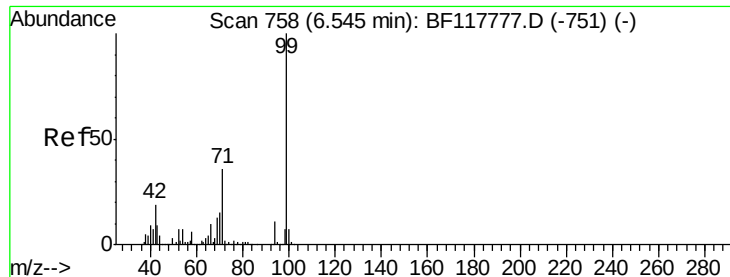
2-Fluorophenol
Concen: 128.133 ng
RT: 5.53 min Scan# 586
Delta R.T. -0.00 min
Lab File: BF117816.D
Acq: 15 Nov 2019 21:19

Tgt Ion:112 Resp: 1524357
Ion Ratio Lower Upper
112 100
64 54.2 45.6 68.4
63 28.9 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: 131.672 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF117816.D

Acq: 15 Nov 2019 21:19

Instrument :

BNA_F

ClientSampled :

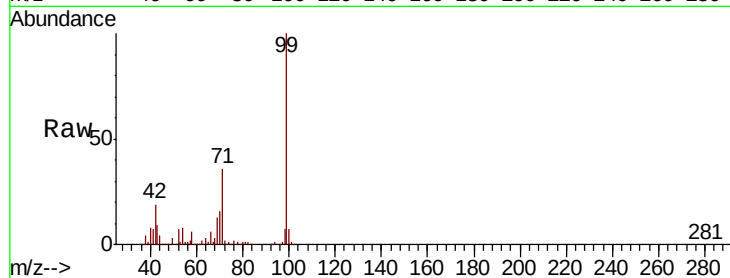
Tot Ion: 99 Resp: 1889392

Ion Ratio Lower Upper

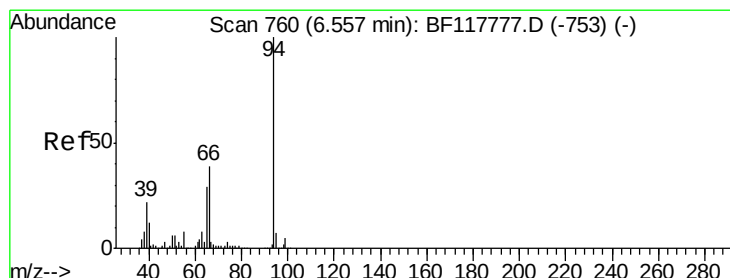
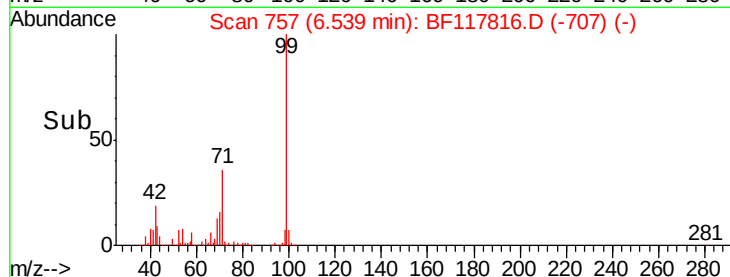
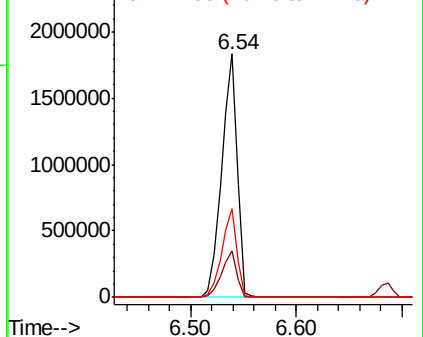
99 100

42 18.9 14.9 22.3

71 36.5 28.6 43.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
2500000
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 9.285 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF117816.D

Acq: 15 Nov 2019 21:19

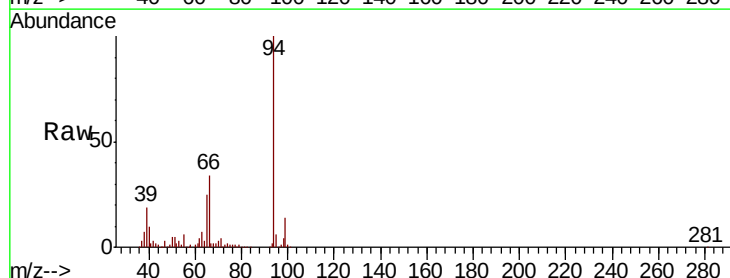
Tgt Ion: 94 Resp: 138449

Ion Ratio Lower Upper

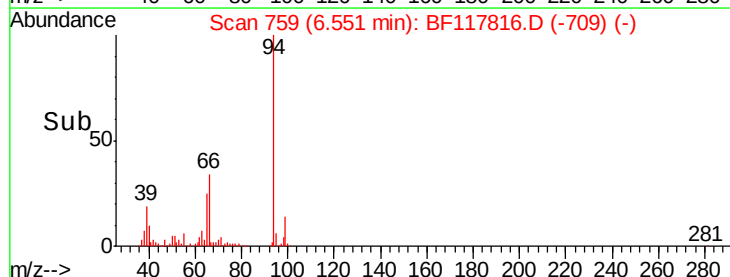
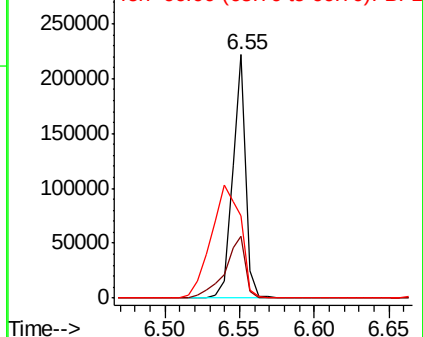
94 100

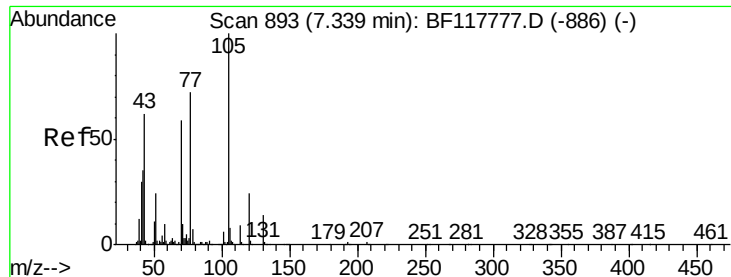
65 25.5 8.9 48.9

66 33.6 18.7 58.7



Abundance Ion 94.00 (93.70 to 94.70): BF1
300000
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

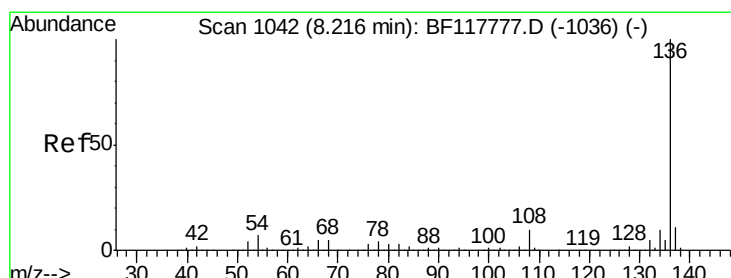
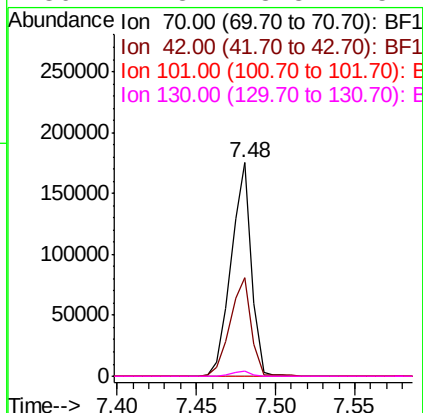
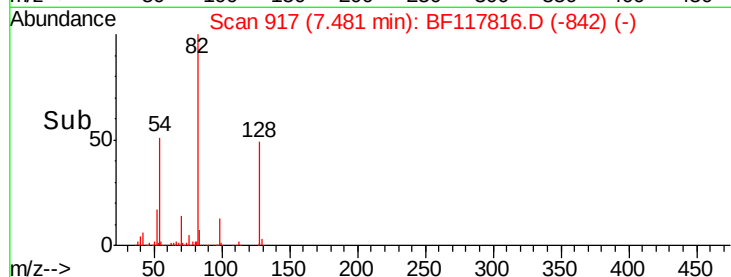
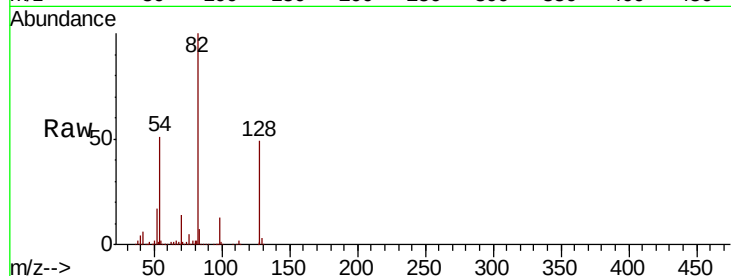




#19
n-Nitroso-di-n-propylamine
Concen: 17.594 ng
RT: 7.48 min Scan# 917
Delta R.T. 0.14 min
Lab File: BF117816.D
Acq: 15 Nov 2019 21:19

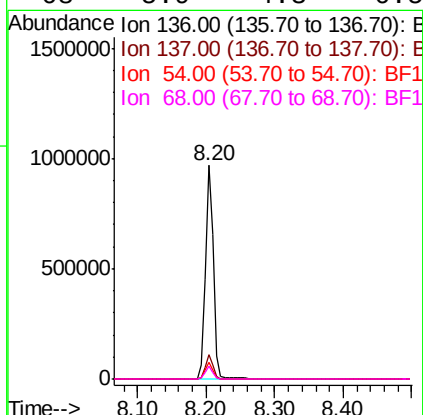
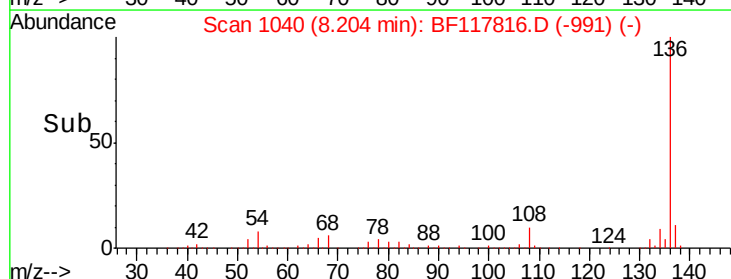
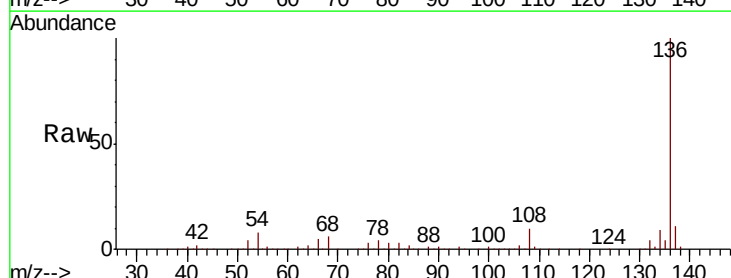
Instrument :
BNA_F
ClientSampleId :

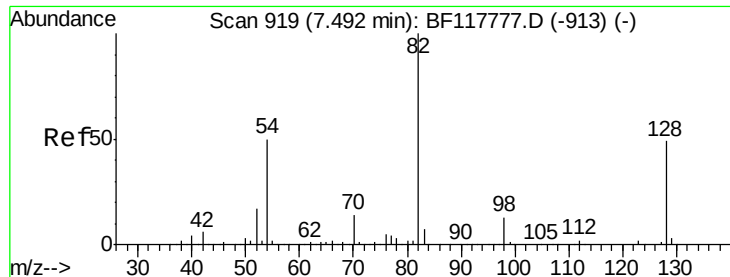
Tot Ion: 70 Resp: 155750
Ion Ratio Lower Upper
70 100
42 46.0 47.4 71.2#
101 0.0 8.4 12.6#
130 2.3 18.8 28.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF117816.D
Acq: 15 Nov 2019 21:19

Tgt Ion: 136 Resp: 815011
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.4
54 7.6 5.4 8.2
68 5.9 4.3 6.5

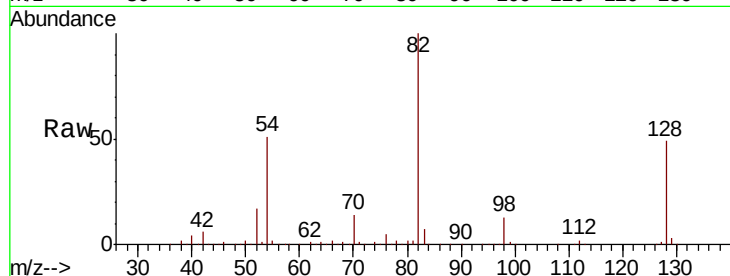




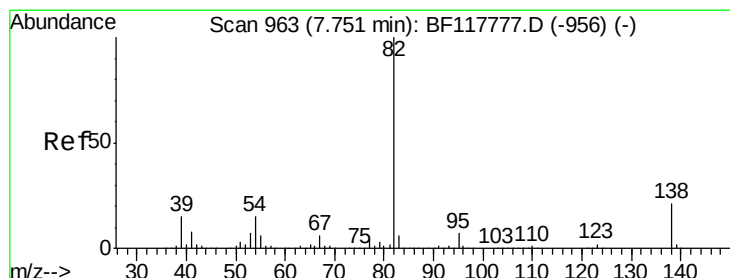
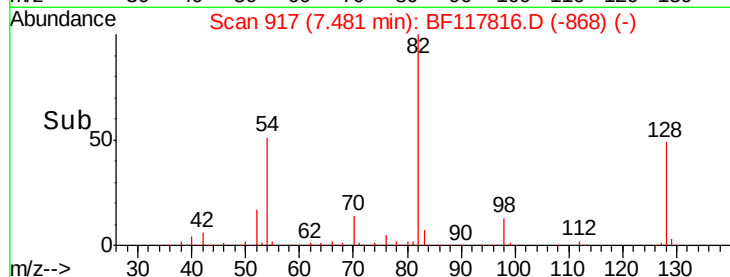
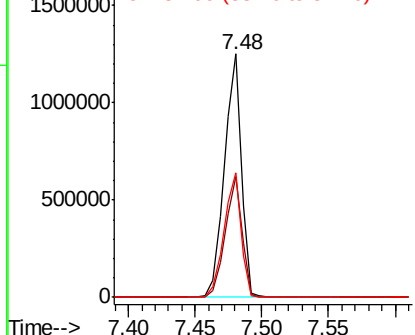
#23
Nitrobenzene-d5
Concen: 82.901 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.01 min
Lab File: BF117816.D
Acq: 15 Nov 2019 21:19

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 1136590
Ion Ratio Lower Upper
82 100
128 49.4 38.9 58.3
54 51.0 39.8 59.6

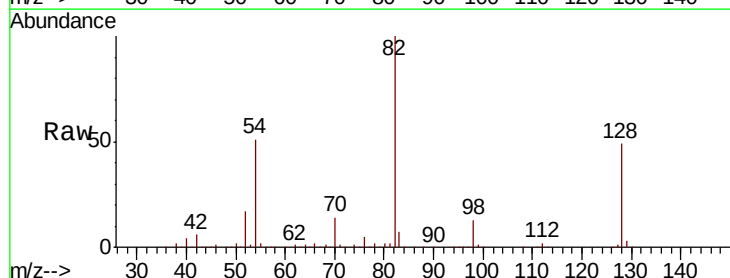


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

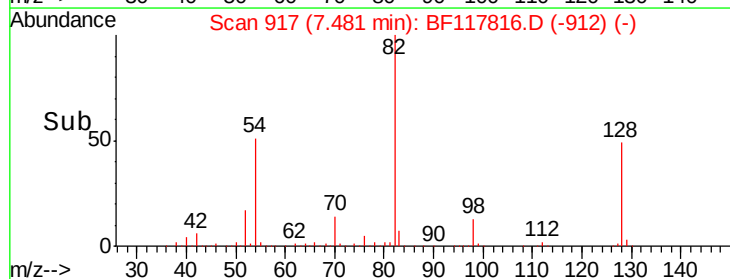
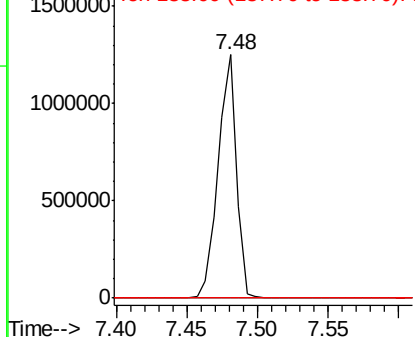


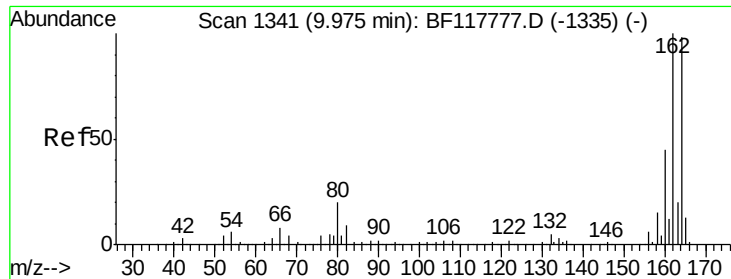
#25
Isophorone
Concen: 45.230 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.27 min
Lab File: BF117816.D
Acq: 15 Nov 2019 21:19

Tgt Ion: 82 Resp: 1136571
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

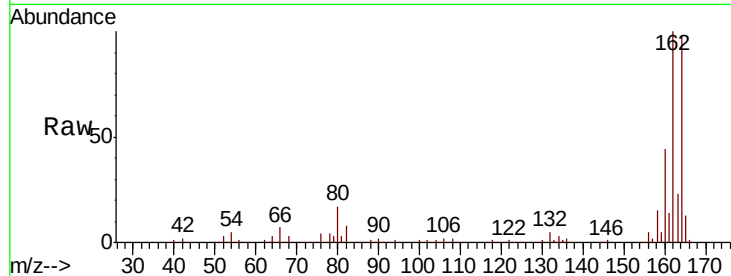




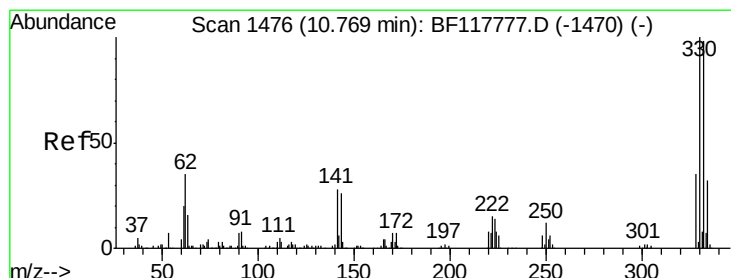
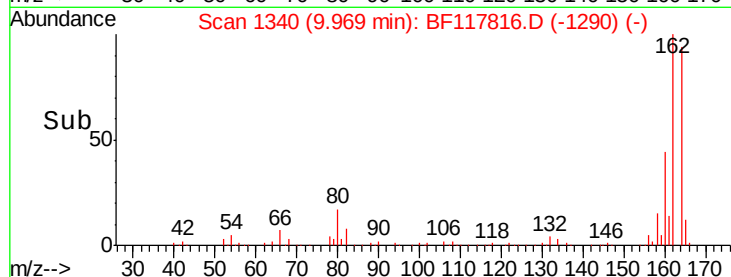
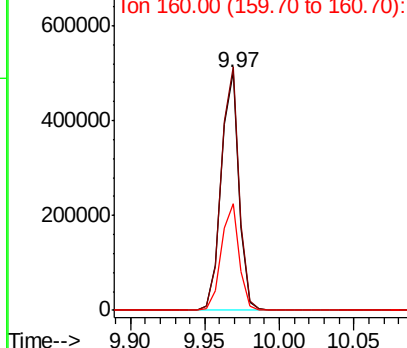
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF117816.D
Acq: 15 Nov 2019 21:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 422812
Ion Ratio Lower Upper
164 100
162 102.3 81.3 121.9
160 44.8 36.6 55.0

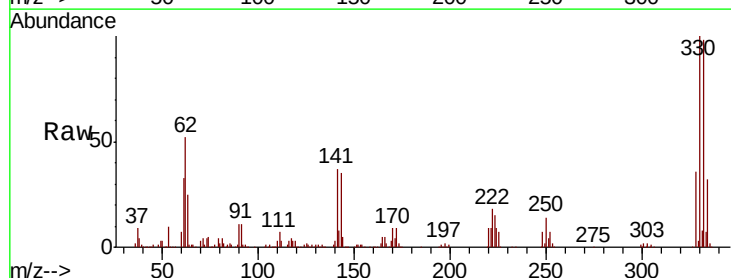


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

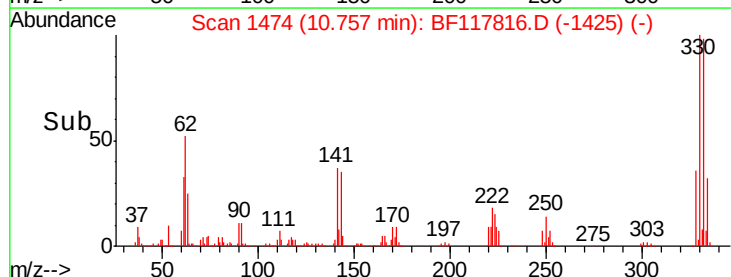
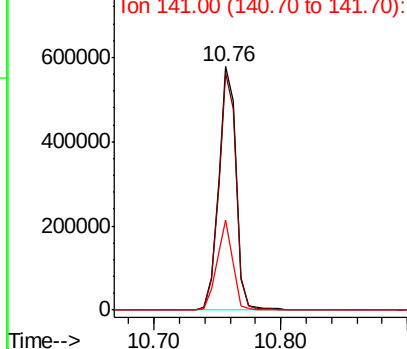


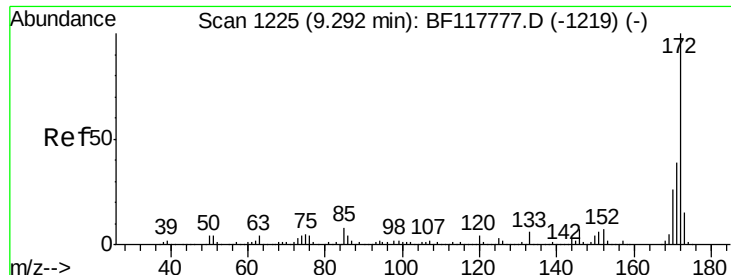
#42
2,4,6-Tribromophenol
Concen: 125.165 ng
RT: 10.76 min Scan# 1474
Delta R.T. -0.01 min
Lab File: BF117816.D
Acq: 15 Nov 2019 21:19

Tgt Ion:330 Resp: 560270
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

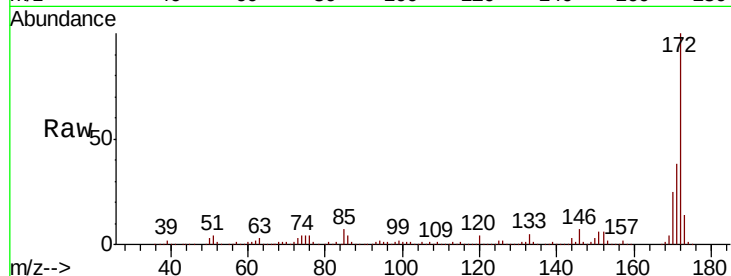




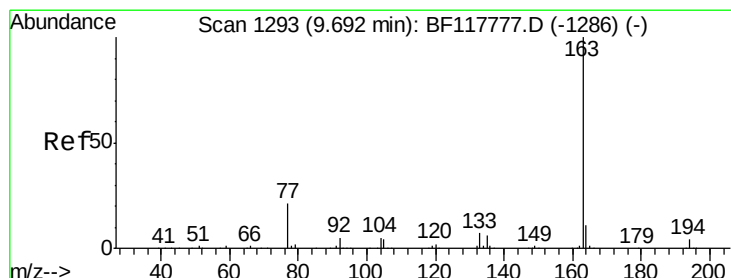
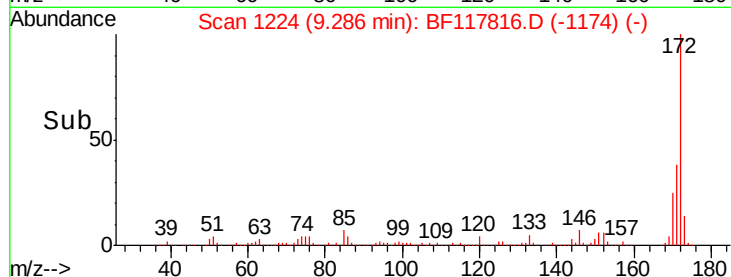
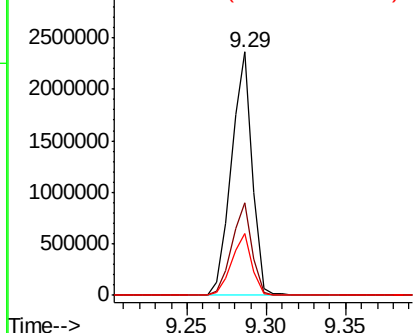
#45
2-Fluorobiphenyl
Concen: 90.826 ng
RT: 9.29 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BF117816.D
Acq: 15 Nov 2019 21:19

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 2140560
Ion Ratio Lower Upper
172 100
171 38.3 30.9 46.3
170 25.5 21.0 31.4

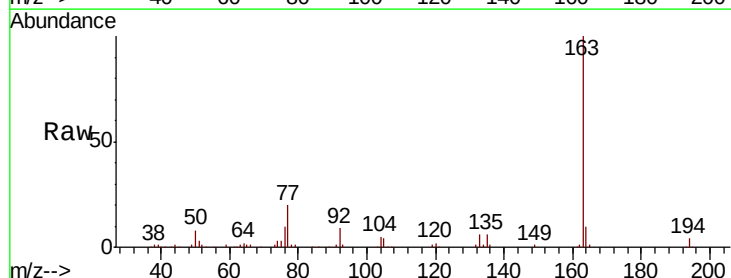


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

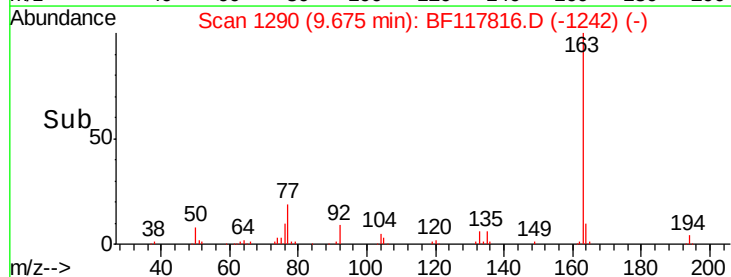
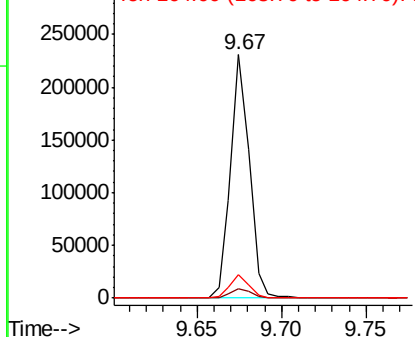


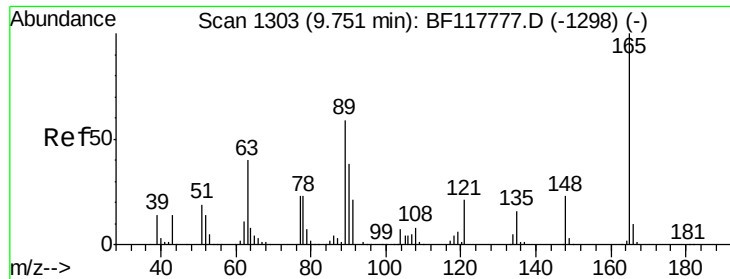
#50
Dimethylphthalate
Concen: 6.062 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BF117816.D
Acq: 15 Nov 2019 21:19

Tgt Ion:163 Resp: 179740
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 9.7 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

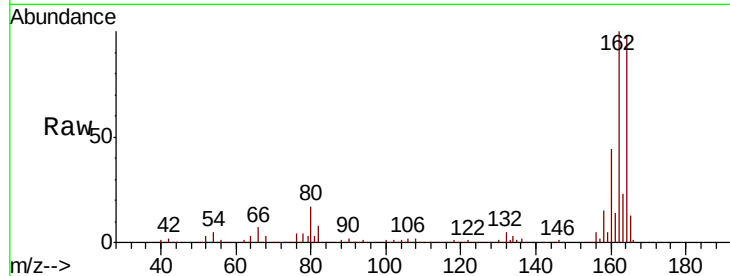




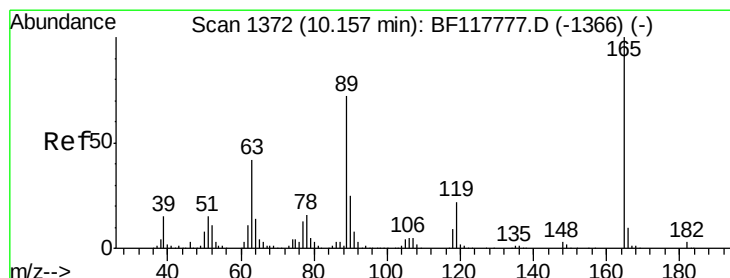
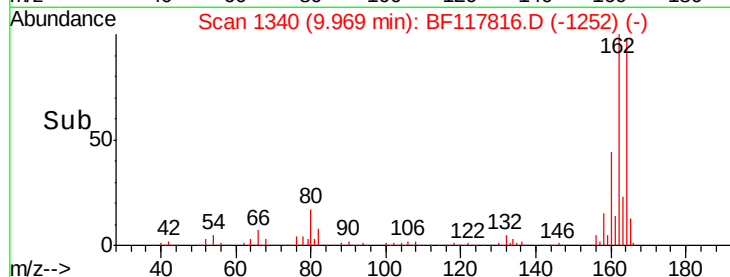
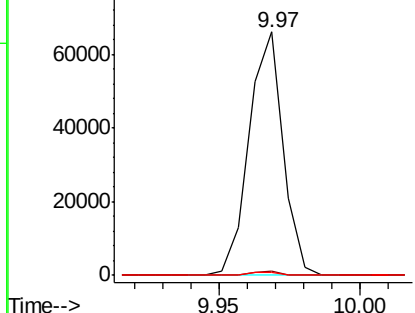
#51
 2,6-Dinitrotoluene
 Concen: 8.479 ng
 RT: 9.97 min Scan# 1340
 Delta R.T. 0.22 min
 Lab File: BF117816.D
 Acq: 15 Nov 2019 21:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	46.0	69.0#
89	1.3	47.7	71.5#



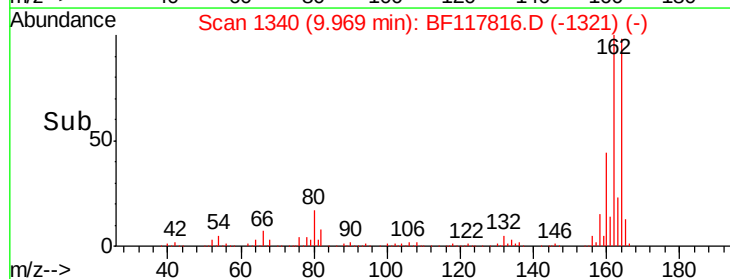
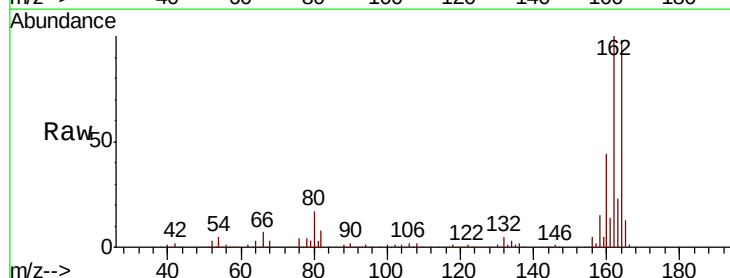
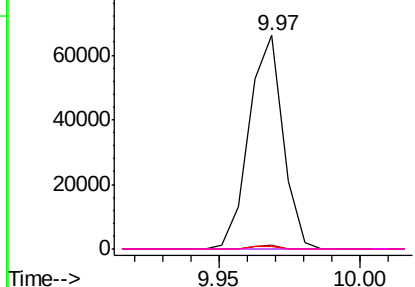
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

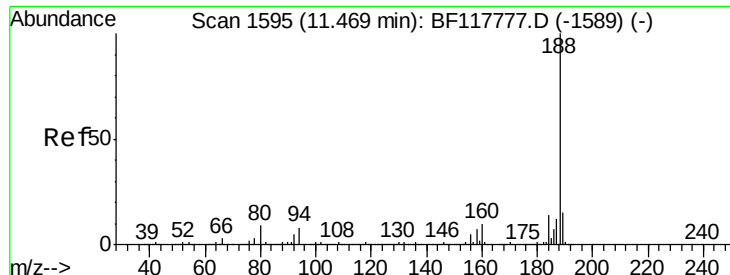


#57
 2,4-Dinitrotoluene
 Concen: 6.666 ng
 RT: 9.97 min Scan# 1340
 Delta R.T. -0.19 min
 Lab File: BF117816.D
 Acq: 15 Nov 2019 21:19

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	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# 1593

Delta R.T. -0.01 min

Lab File: BF117816.D

Acq: 15 Nov 2019 21:19

Instrument :

BNA_F

ClientSampleId :

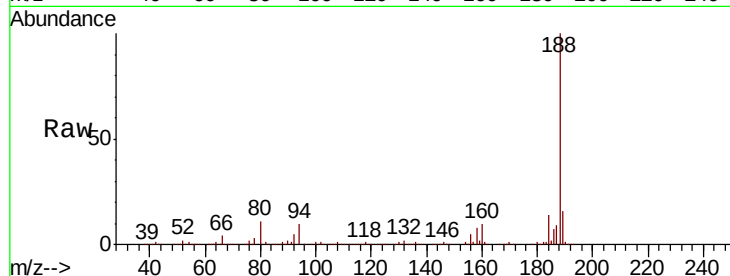
Tot Ion:188 Resp: 795895

Ion Ratio Lower Upper

188 100

94 9.8 6.6 10.0

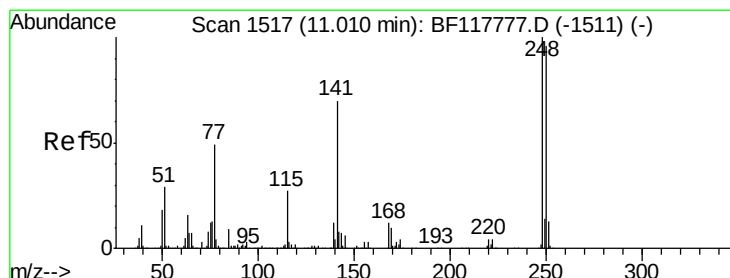
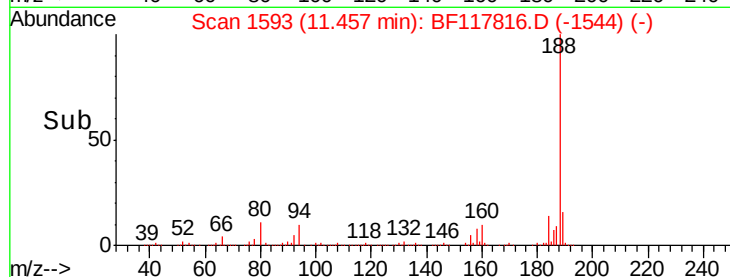
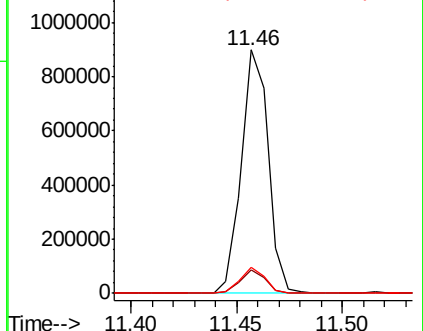
80 10.7 7.2 10.8



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: 4.225 ng

RT: 10.76 min Scan# 1474

Delta R.T. -0.25 min

Lab File: BF117816.D

Acq: 15 Nov 2019 21:19

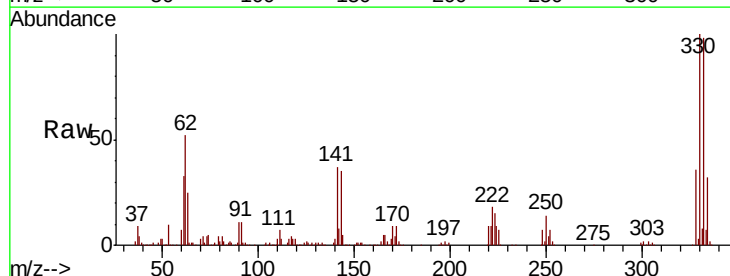
Tgt Ion:248 Resp: 36285

Ion Ratio Lower Upper

248 100

250 203.4 76.6 115.0#

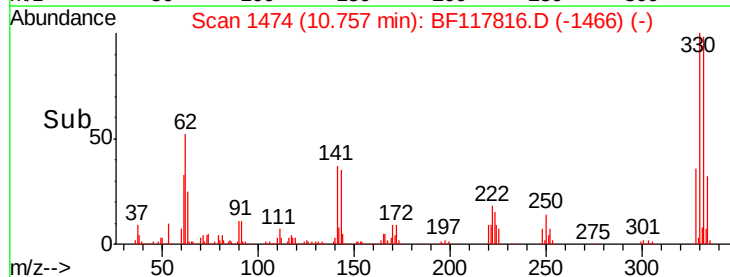
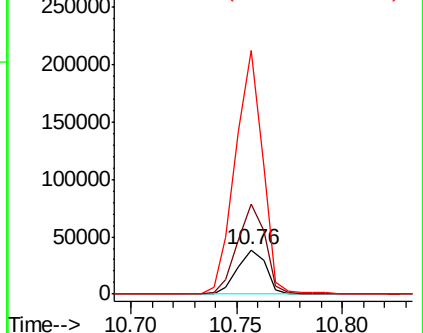
141 551.4 55.9 83.9#

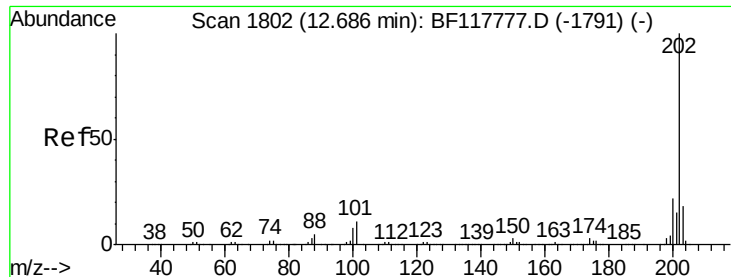


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

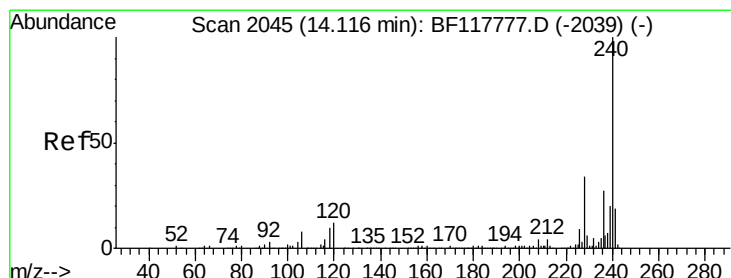
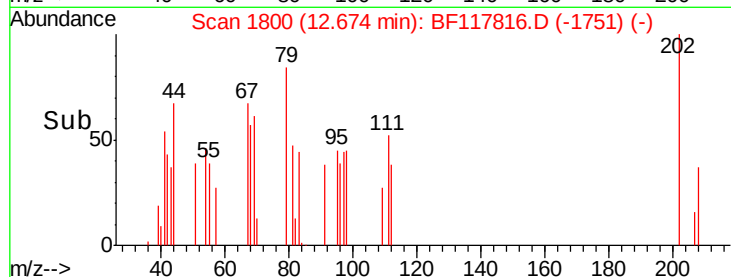
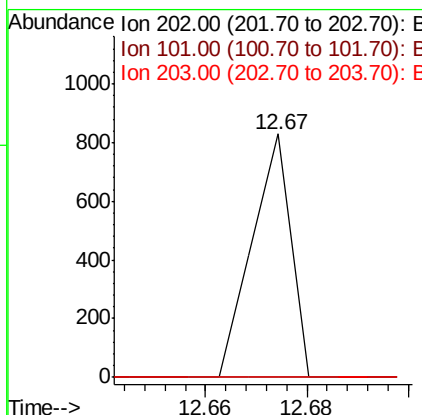
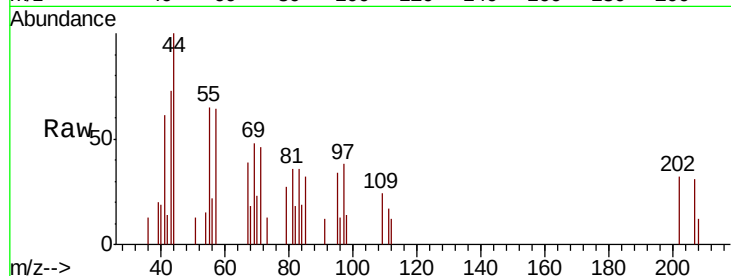




#75
Fluoranthene
Concen: Below Cal
RT: 12.67 min Scan# 1800
Delta R.T. -0.01 min
Lab File: BF117816.D
Acq: 15 Nov 2019 21:19

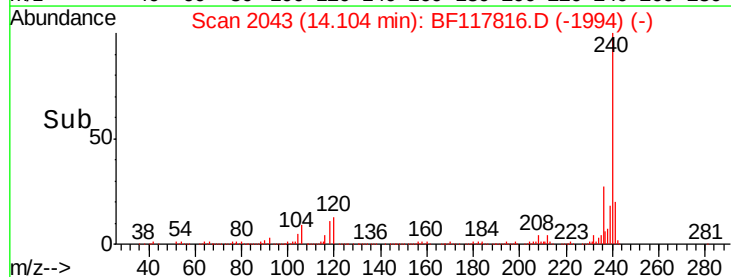
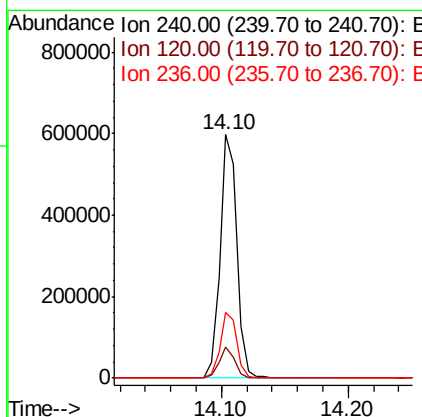
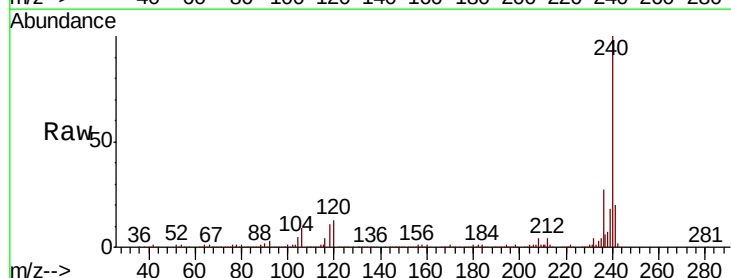
Instrument :
BNA_F
ClientSampled :

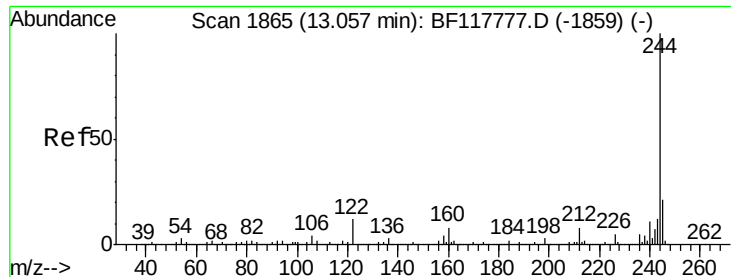
Tot Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	31.1
203	0.0	0.0	38.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.10 min Scan# 2043
Delta R.T. -0.01 min
Lab File: BF117816.D
Acq: 15 Nov 2019 21:19

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.9	9.5	14.3
236	27.2	21.3	31.9





#79

Terphenyl-d14

Concen: 81.401 ng

RT: 13.05 min Scan# 1864

Delta R.T. -0.01 min

Lab File: BF117816.D

Acq: 15 Nov 2019 21:19

Instrument :

BNA_F

ClientSampleId :

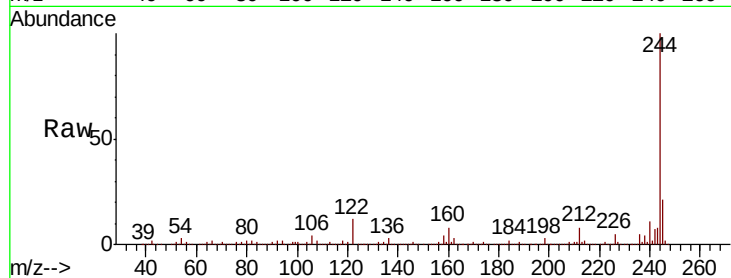
Tot Ion:244 Resp: 2459836

Ion Ratio Lower Upper

244 100

212 7.6 6.3 9.5

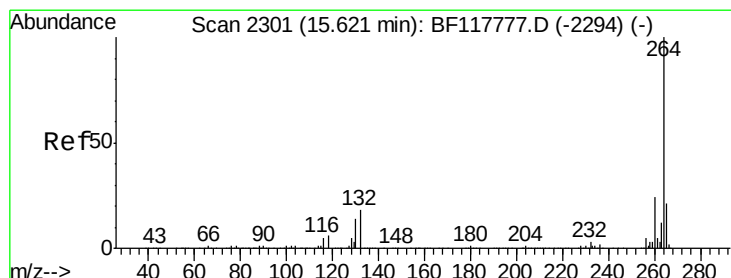
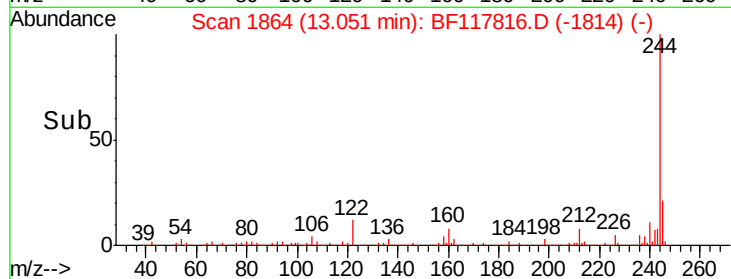
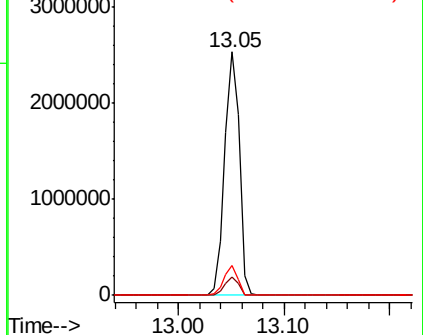
122 12.3 9.4 14.2



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: BF117816.D

Acq: 15 Nov 2019 21:19

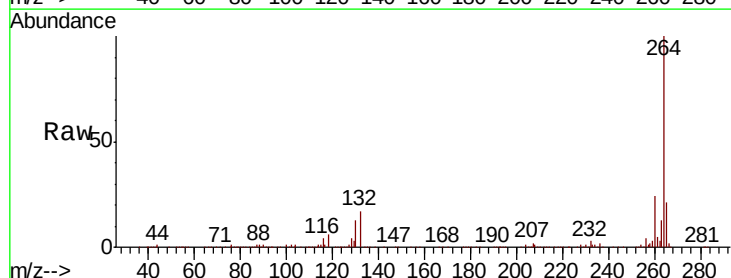
Tgt Ion:264 Resp: 594644

Ion Ratio Lower Upper

264 100

260 23.6 19.4 29.0

265 21.3 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

