

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110119\
 Data File : BF117681.D
 Acq On : 1 Nov 2019 15:17
 Operator : JU
 Sample : K5615-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 01 17:10:55 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 18:53:31 2019
 Response via : Initial Calibration

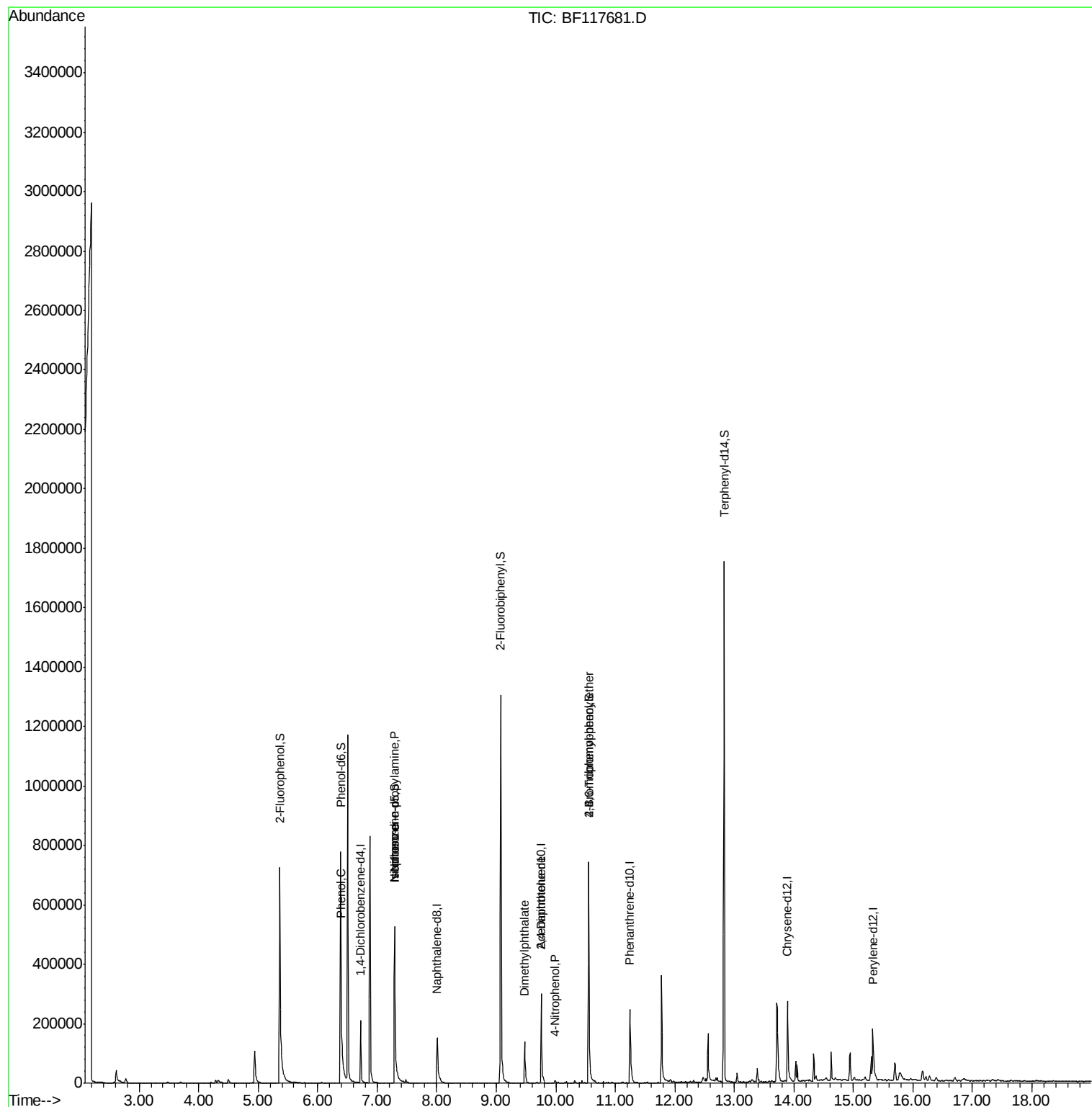
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	33582	20.00	ng	-0.01
21) Naphthalene-d8	8.01	136	138768	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	73348	20.00	ng	-0.01
64) Phenanthrene-d10	11.25	188	134870	20.00	ng	0.00
76) Chrysene-d12	13.89	240	109319	20.00	ng	0.00
87) Perylene-d12	15.33	264	104487	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	302207	133.88	ng	0.01
7) Phenol-d6	6.39	99	409506	135.07	ng	0.00
23) Nitrobenzene-d5	7.29	82	267020	94.99	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	99338	156.52	ng	-0.01
45) 2-Fluorobiphenyl	9.07	172	473058	90.87	ng	-0.02
79) Terphenyl-d14	12.83	244	578475	86.31	ng	0.00
Target Compounds						
9) Benzaldehyde	6.39	77	271	Below Cal	Qvalue	# 3
10) Phenol	6.40	94	15172	4.903	ng	# 88
19) n-Nitroso-di-n-propylamine	7.29	70	34936	18.868	ng	# 79
25) Isophorone	7.29	82	267019	54.912	ng	# 65
50) Dimethylphthalate	9.48	163	81985	15.679	ng	# 99
56) 4-Nitrophenol	9.99	139	878	5.497	ng	# 6
57) 2,4-Dinitrotoluene	9.76	165	9000	6.204	ng	# 12
67) 4-Bromophenyl-phenylether	10.55	248	6129	4.219	ng	# 1

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

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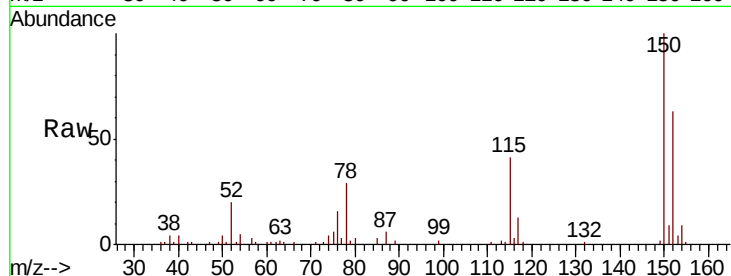


#1

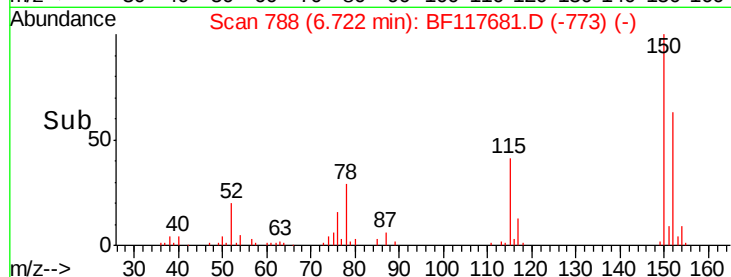
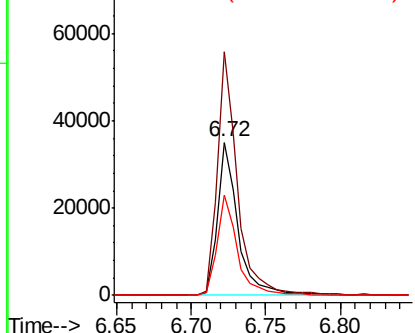
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF117681.D
Acq: 1 Nov 2019 15:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 33582
Ion Ratio Lower Upper
152 100
150 159.0 126.8 190.2
115 65.5 51.6 77.4



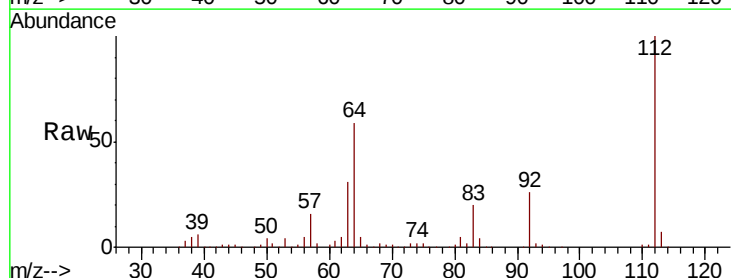
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



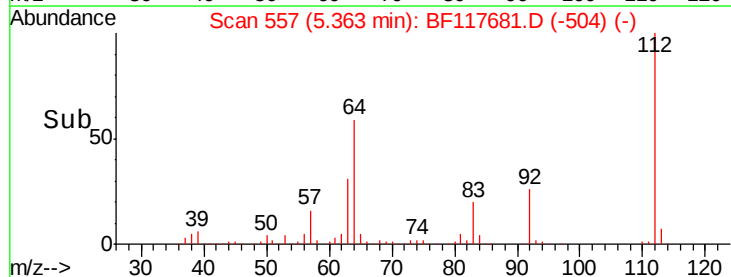
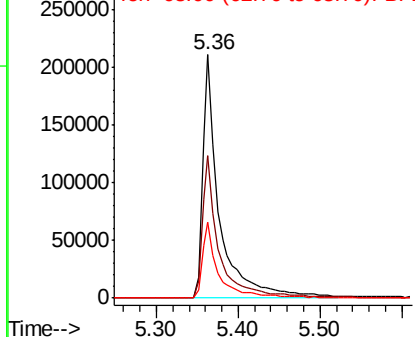
#5

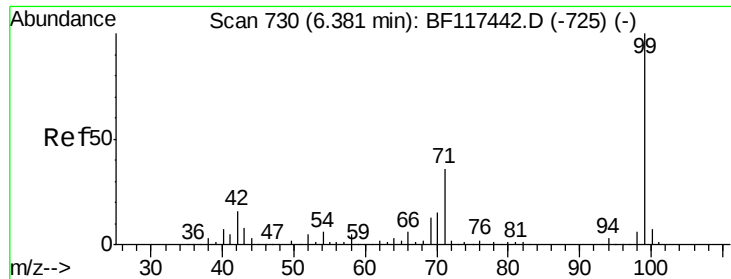
2-Fluorophenol
Concen: 133.880 ng
RT: 5.36 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF117681.D
Acq: 1 Nov 2019 15:17

Tgt Ion:112 Resp: 302207
Ion Ratio Lower Upper
112 100
64 58.5 44.1 66.1
63 31.3 23.4 35.2



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: 135.070 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF117681.D

Acq: 1 Nov 2019 15:17

Instrument :

BNA_F

ClientSampleId :

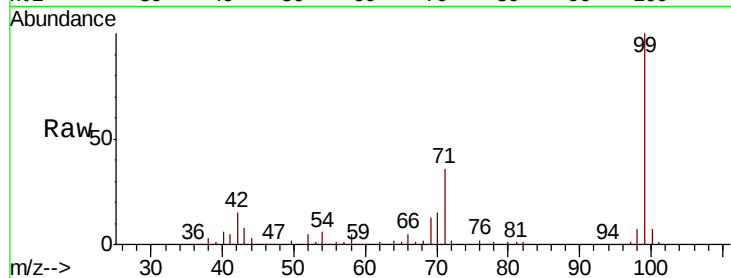
Tot Ion: 99 Resp: 409506

Ion Ratio Lower Upper

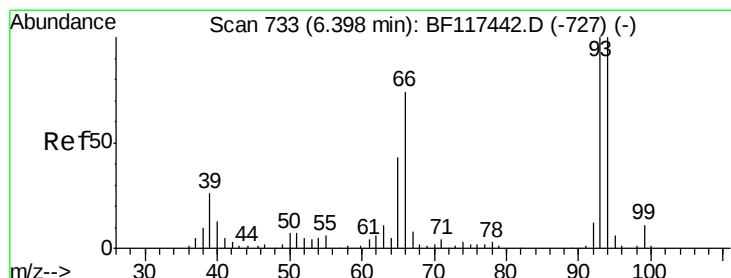
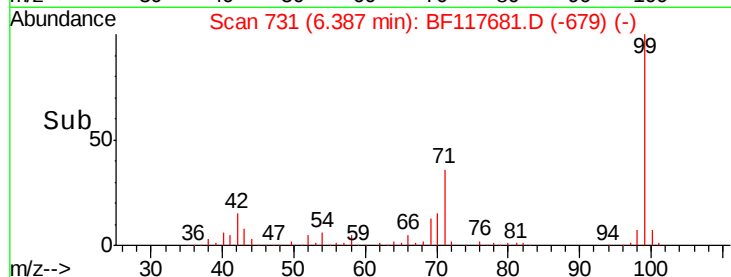
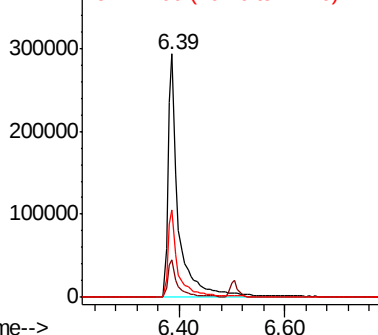
99 100

42 15.2 12.8 19.2

71 35.8 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: 4.903 ng

RT: 6.40 min Scan# 733

Delta R.T. 0.00 min

Lab File: BF117681.D

Acq: 1 Nov 2019 15:17

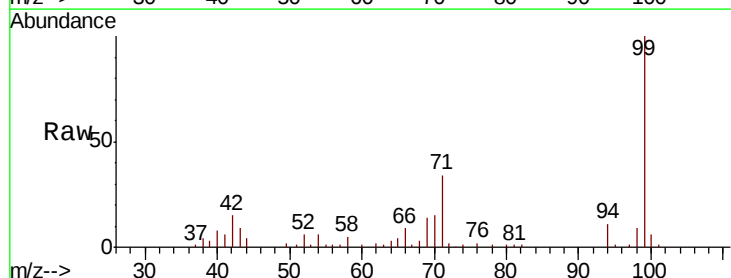
Tgt Ion: 94 Resp: 15172

Ion Ratio Lower Upper

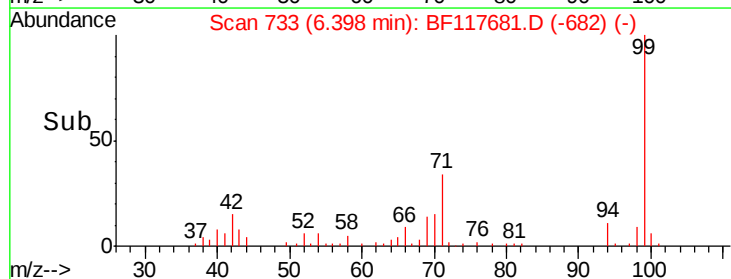
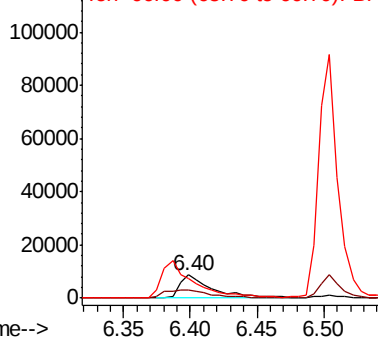
94 100

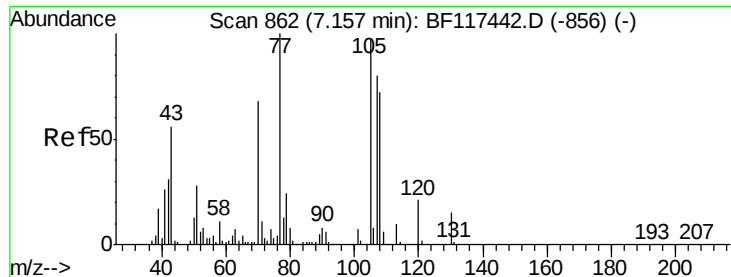
65 36.6 23.4 63.4

66 85.4 54.7 94.7



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

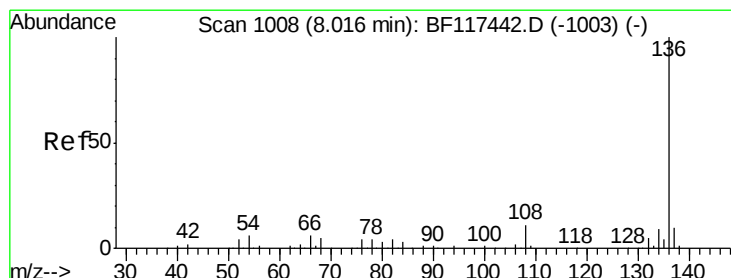
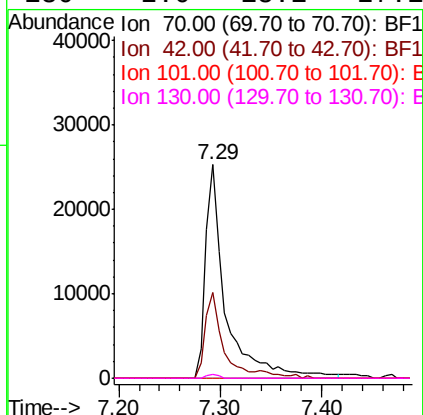
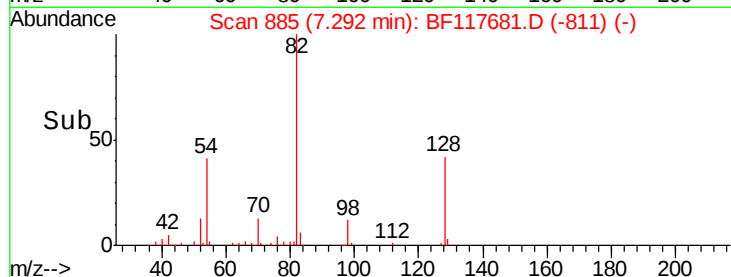
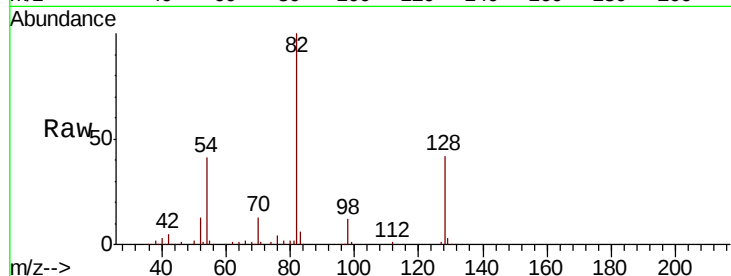




#19
n-Nitroso-di-n-propylamine
Concen: 18.868 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.14 min
Lab File: BF117681.D
Acq: 1 Nov 2019 15:17

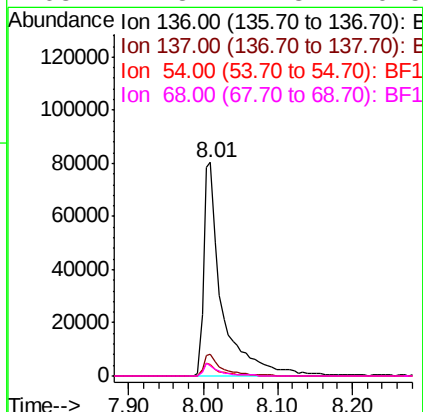
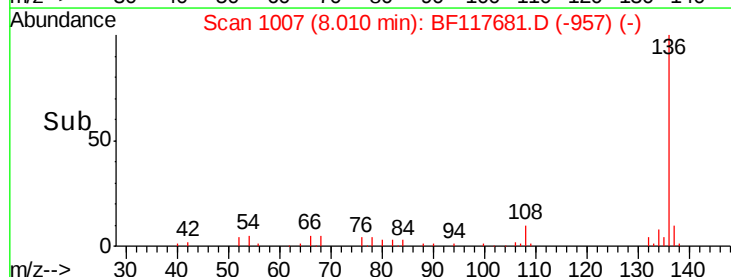
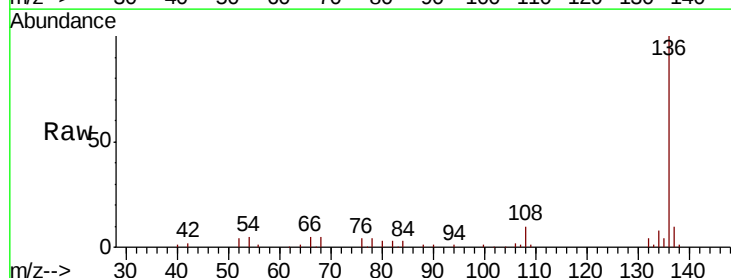
Instrument :
BNA_F
ClientSampleId :

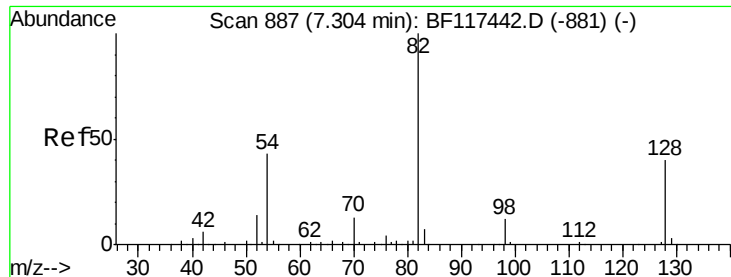
Tot Ion: 70 Resp: 34936
Ion Ratio Lower Upper
70 100
42 40.0 36.7 55.1
101 0.0 8.3 12.5#
130 2.0 18.1 27.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF117681.D
Acq: 1 Nov 2019 15:17

Tgt Ion:136 Resp: 138768
Ion Ratio Lower Upper
136 100
137 10.3 8.2 12.4
54 5.2 4.5 6.7
68 4.8 4.3 6.5

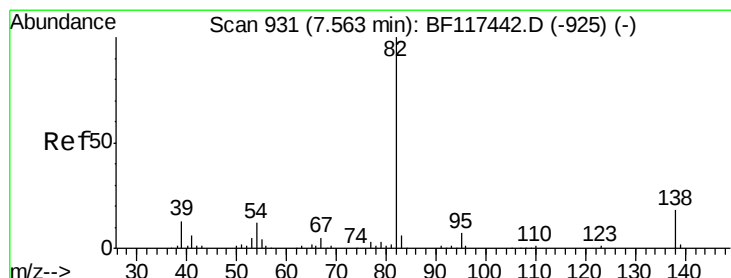
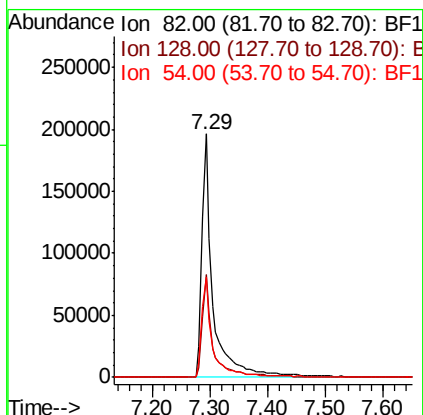
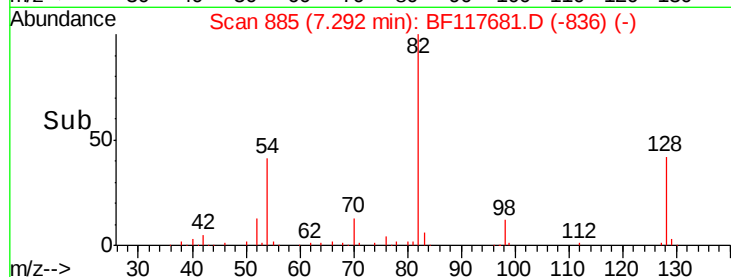
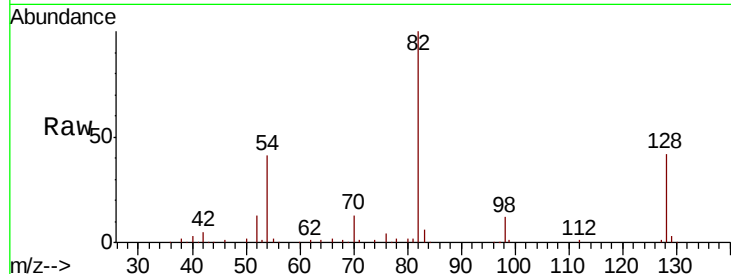




#23
Nitrobenzene-d5
Concen: 94.995 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF117681.D
Acq: 1 Nov 2019 15:17

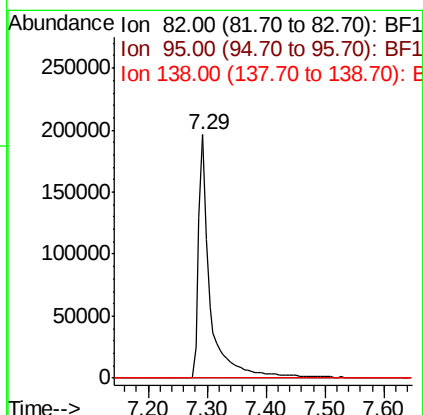
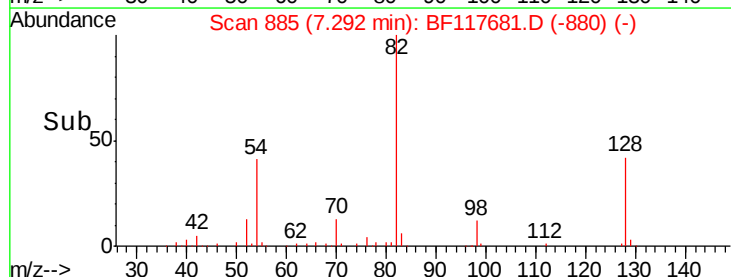
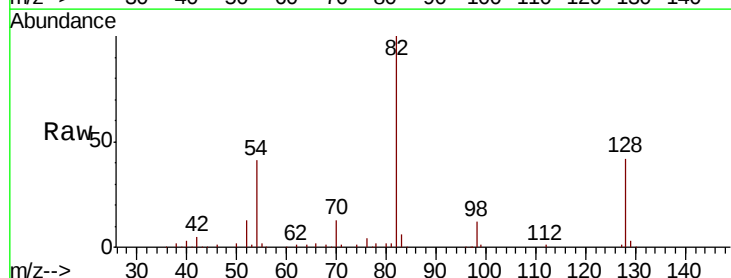
Instrument :
BNA_F
ClientSampled :

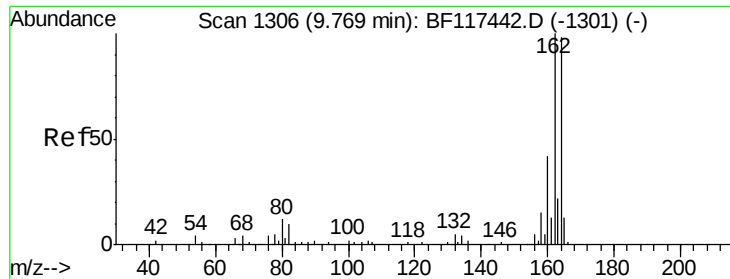
Tot Ion: 82 Resp: 267020
Ion Ratio Lower Upper
82 100
128 42.1 32.2 48.2
54 41.3 34.2 51.2



#25
Isophorone
Concen: 54.912 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.27 min
Lab File: BF117681.D
Acq: 1 Nov 2019 15:17

Tgt Ion: 82 Resp: 267019
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 14.2 21.2#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF117681.D

Acq: 1 Nov 2019 15:17

Instrument :

BNA_F

ClientSampleId :

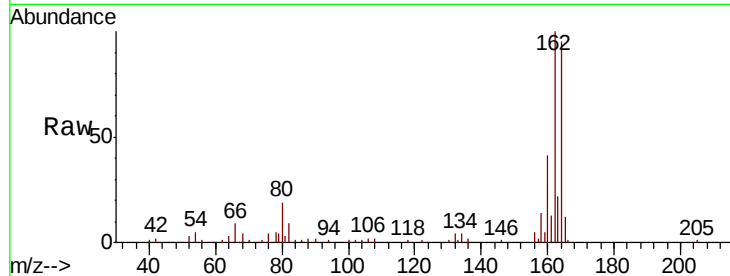
Tot Ion:164 Resp: 73348

Ion Ratio Lower Upper

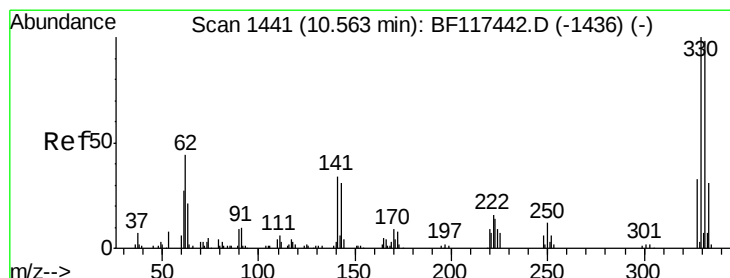
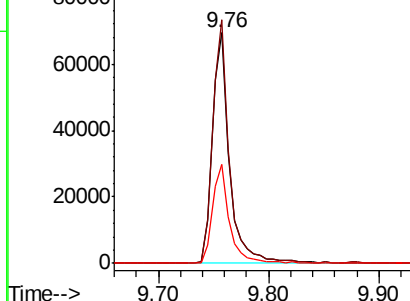
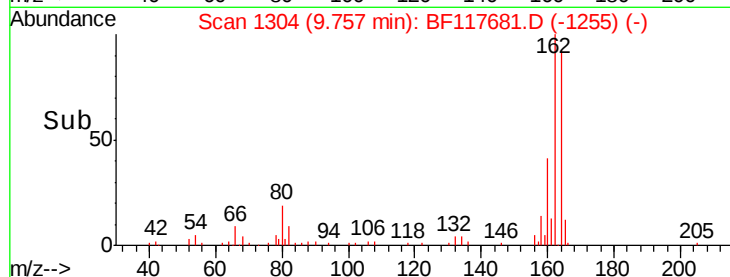
164 100

162 105.6 81.8 122.6

160 43.1 34.4 51.6



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: 156.524 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BF117681.D

Acq: 1 Nov 2019 15:17

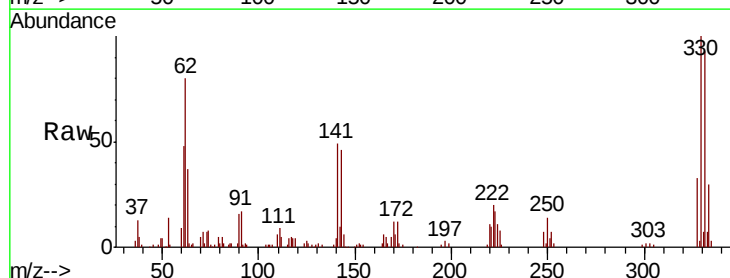
Tgt Ion:330 Resp: 99338

Ion Ratio Lower Upper

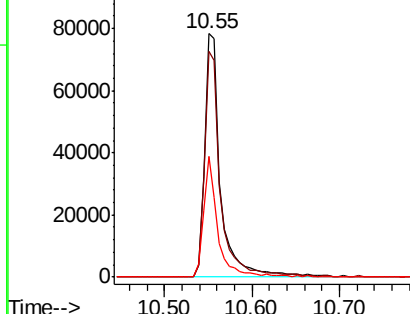
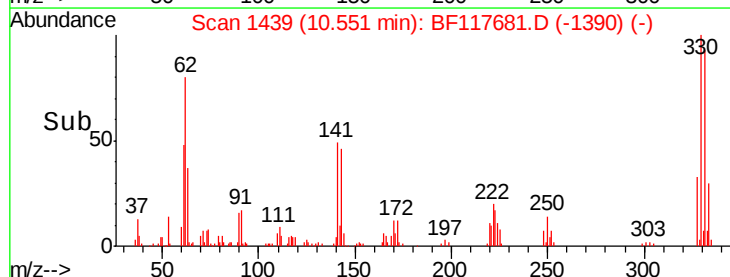
330 100

332 93.5 78.5 117.7

141 43.4 37.0 55.6



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

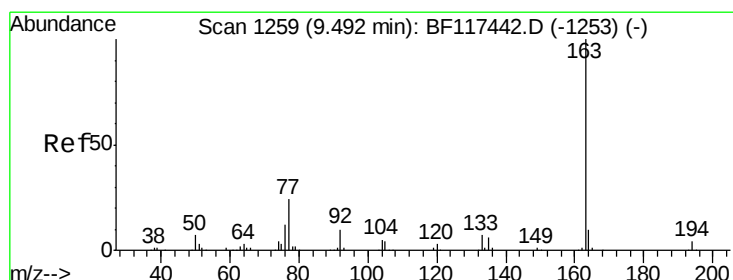
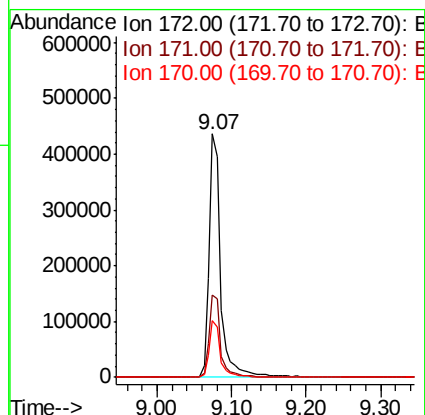
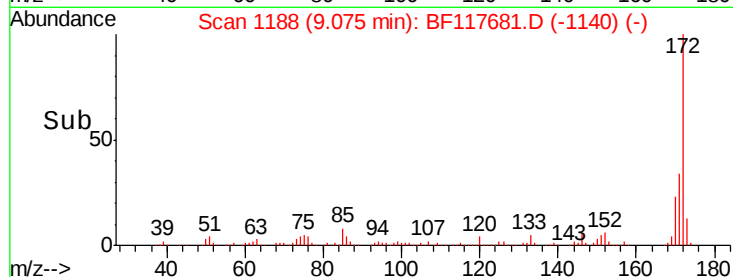
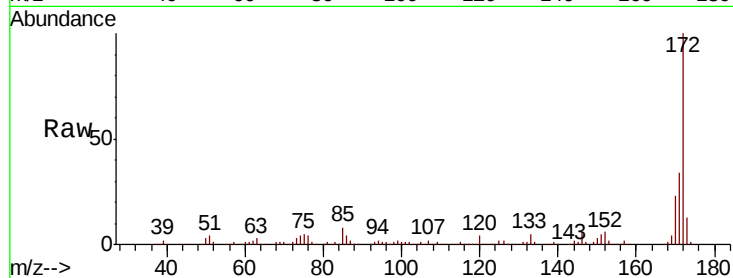




#45
 2-Fluorobiphenyl
 Concen: 90.873 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.02 min
 Lab File: BF117681.D
 Acq: 1 Nov 2019 15:17

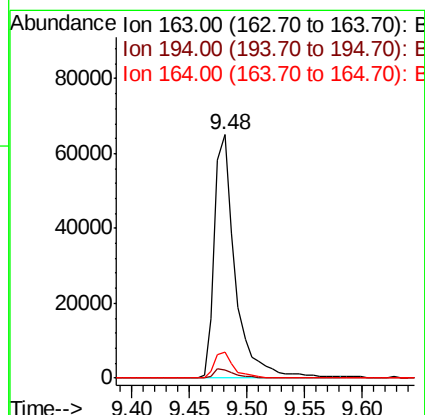
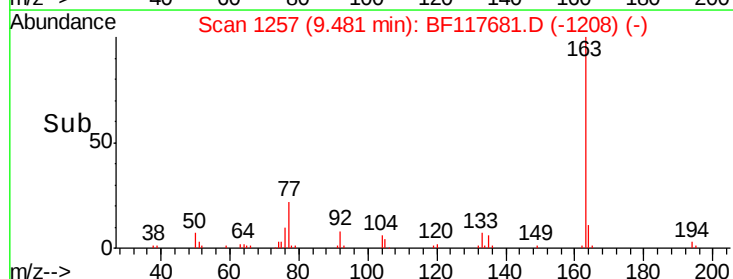
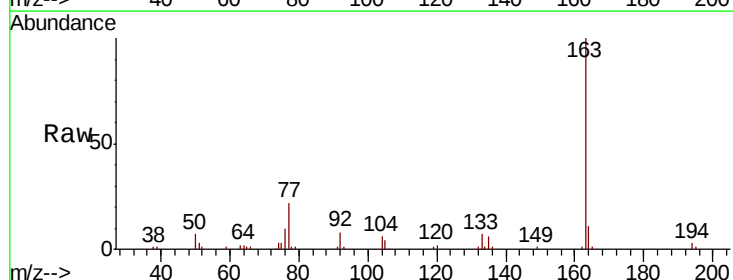
Instrument :
 BNA_F
 ClientSampleId :

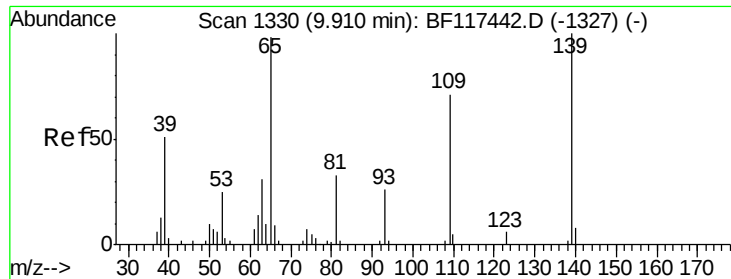
Tot Ion:172 Resp: 473058
 Ion Ratio Lower Upper
 172 100
 171 33.9 27.5 41.3
 170 23.5 18.6 27.8



#50
 Dimethylphthalate
 Concen: 15.679 ng
 RT: 9.48 min Scan# 1257
 Delta R.T. -0.01 min
 Lab File: BF117681.D
 Acq: 1 Nov 2019 15:17

Tgt Ion:163 Resp: 81985
 Ion Ratio Lower Upper
 163 100
 194 3.4 2.9 4.3
 164 10.8 8.2 12.2

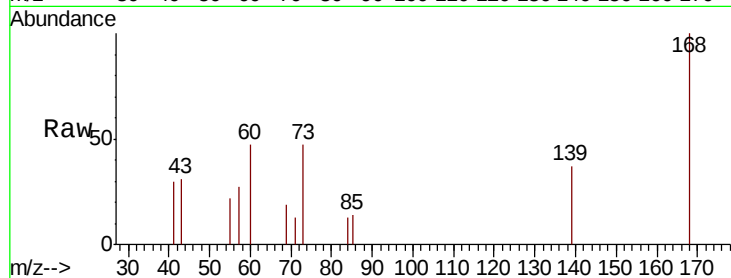




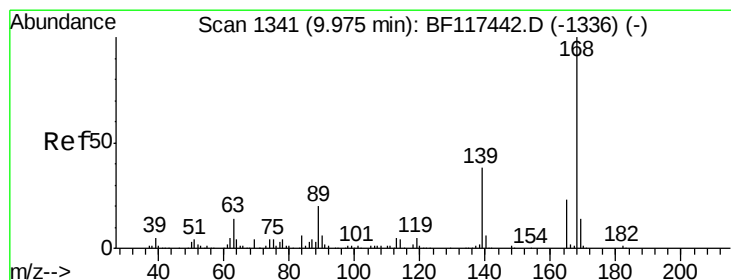
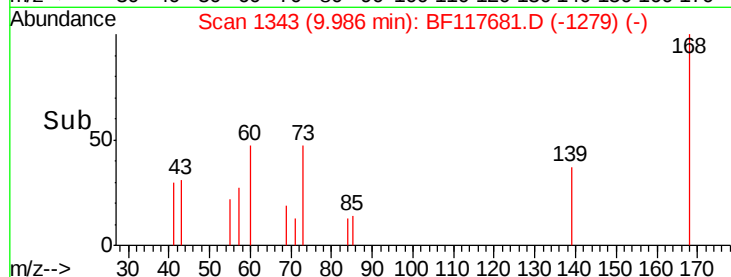
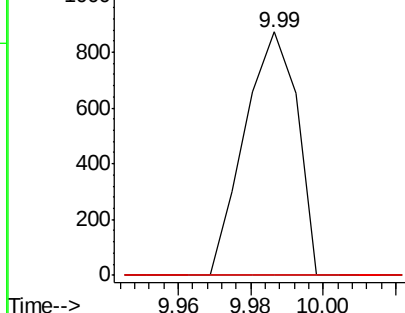
#56
4-Nitrophenol
Concen: 5.497 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.08 min
Lab File: BF117681.D
Acq: 1 Nov 2019 15:17

Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 878
Ion Ratio Lower Upper
139 100
109 0.0 51.4 91.4#
65 0.0 79.4 119.4#

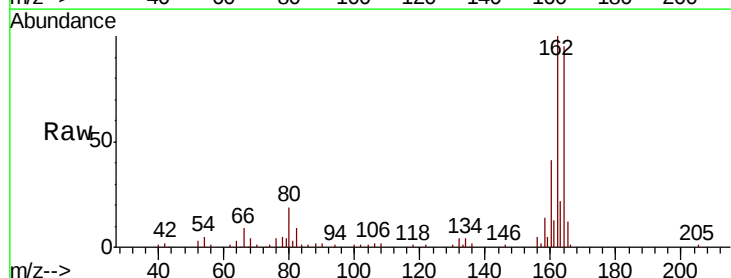


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

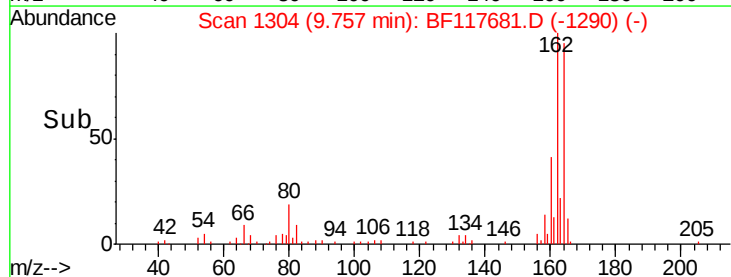
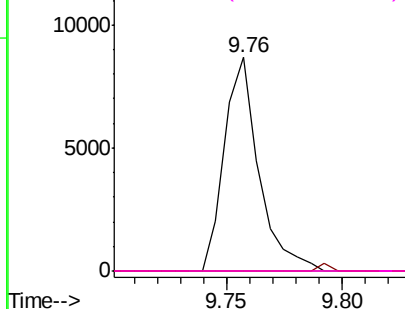


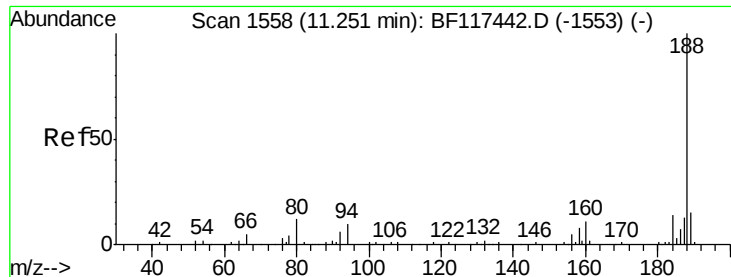
#57
2,4-Dinitrotoluene
Concen: 6.204 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.22 min
Lab File: BF117681.D
Acq: 1 Nov 2019 15:17

Tgt Ion:165 Resp: 9000
Ion Ratio Lower Upper
165 100
63 0.0 51.4 77.0#
89 0.0 69.9 104.9#
182 0.0 1.9 2.9#



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: 11.25 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BF117681.D

Acq: 1 Nov 2019 15:17

Instrument :

BNA_F

ClientSampleId :

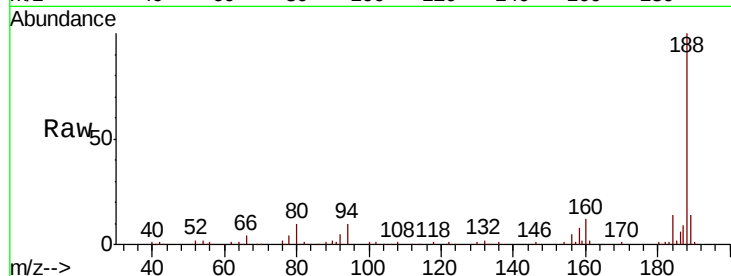
Tot Ion:188 Resp: 134870

Ion Ratio Lower Upper

188 100

94 9.8 8.0 12.0

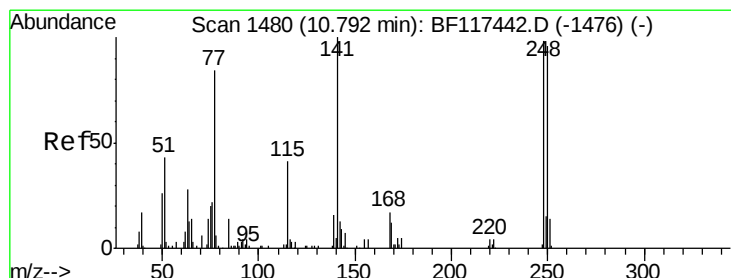
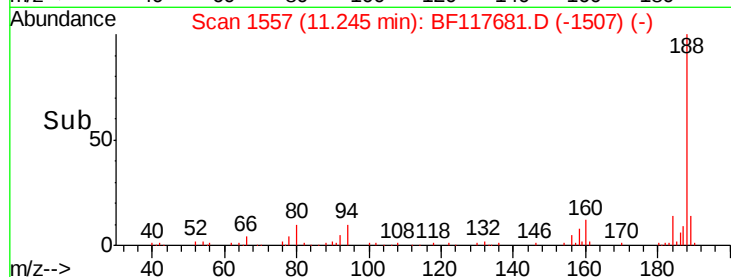
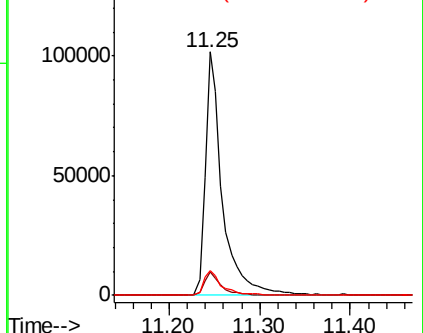
80 10.4 9.5 14.3



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: 4.219 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.24 min

Lab File: BF117681.D

Acq: 1 Nov 2019 15:17

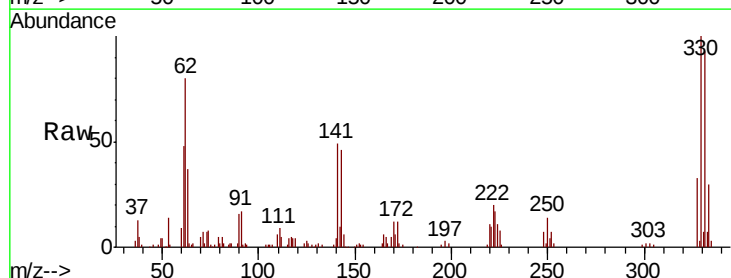
Tgt Ion:248 Resp: 6129

Ion Ratio Lower Upper

248 100

250 197.4 78.0 117.0#

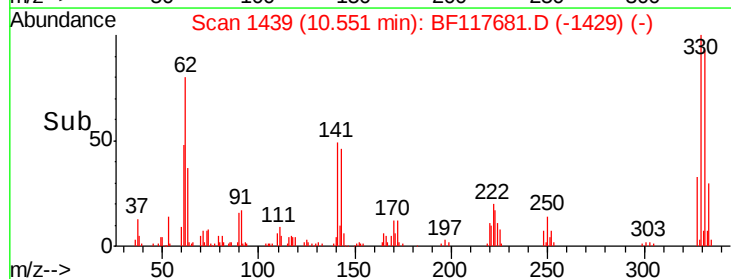
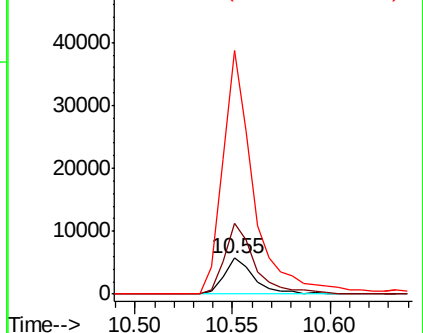
141 678.4 81.7 122.5#

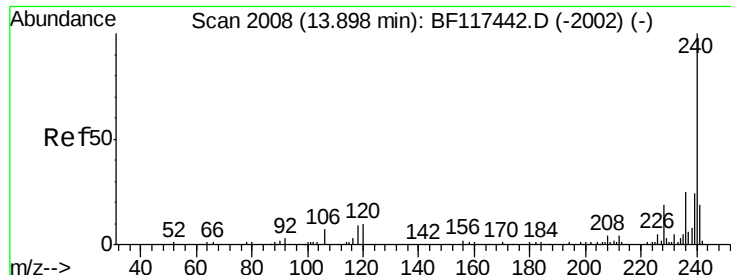


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

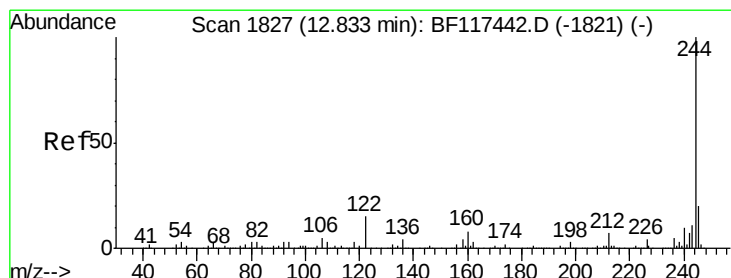
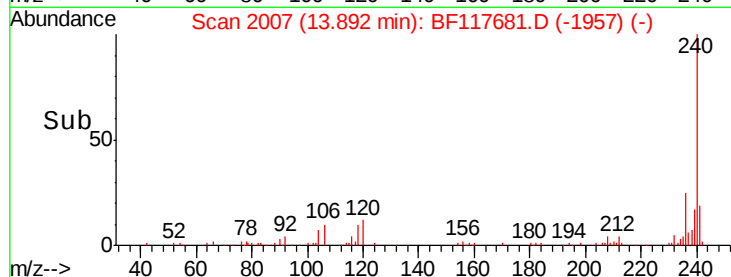
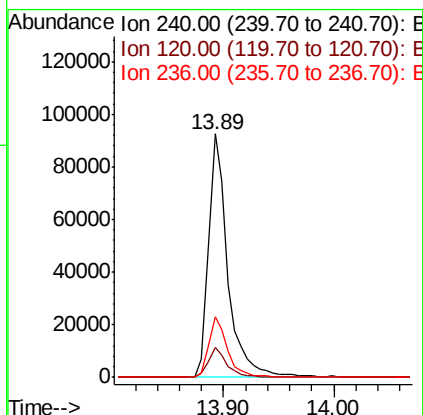
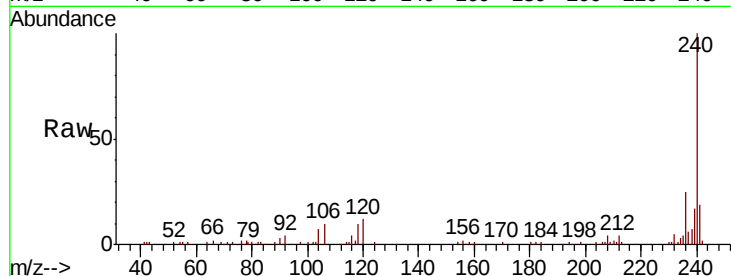




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.89 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF117681.D
 Acq: 1 Nov 2019 15:17

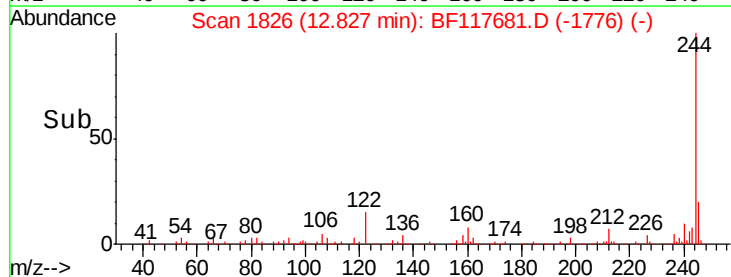
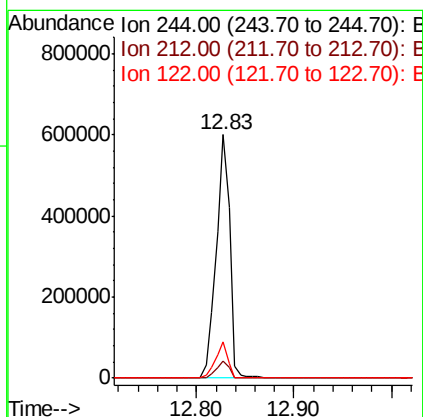
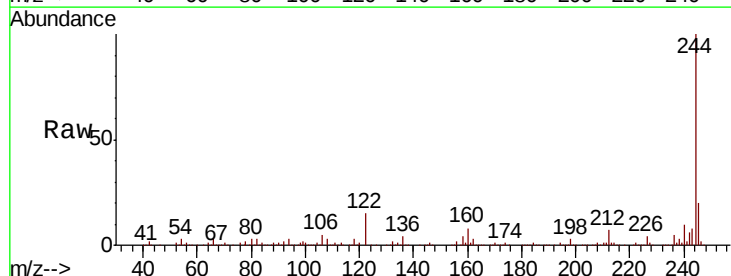
Instrument :
 BNA_F
 ClientSampleId :

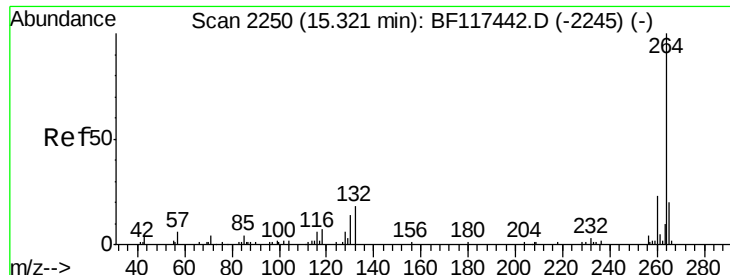
Tot Ion:240 Resp: 109319
 Ion Ratio Lower Upper
 240 100
 120 12.2 8.4 12.6
 236 25.1 20.0 30.0



#79
 Terphenyl-d14
 Concen: 86.312 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF117681.D
 Acq: 1 Nov 2019 15:17

Tgt Ion:244 Resp: 578475
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.6
 122 14.7 11.8 17.8





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.33 min Scan# 2251
 Delta R.T. 0.01 min
 Lab File: BF117681.D
 Acq: 1 Nov 2019 15:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.4	27.6
265	21.2	16.1	24.1

