

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013019\
 Data File : BF112315.D
 Acq On : 30 Jan 2019 11:10
 Operator : JU/SJ
 Sample : K1266-03RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 30 12:27:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

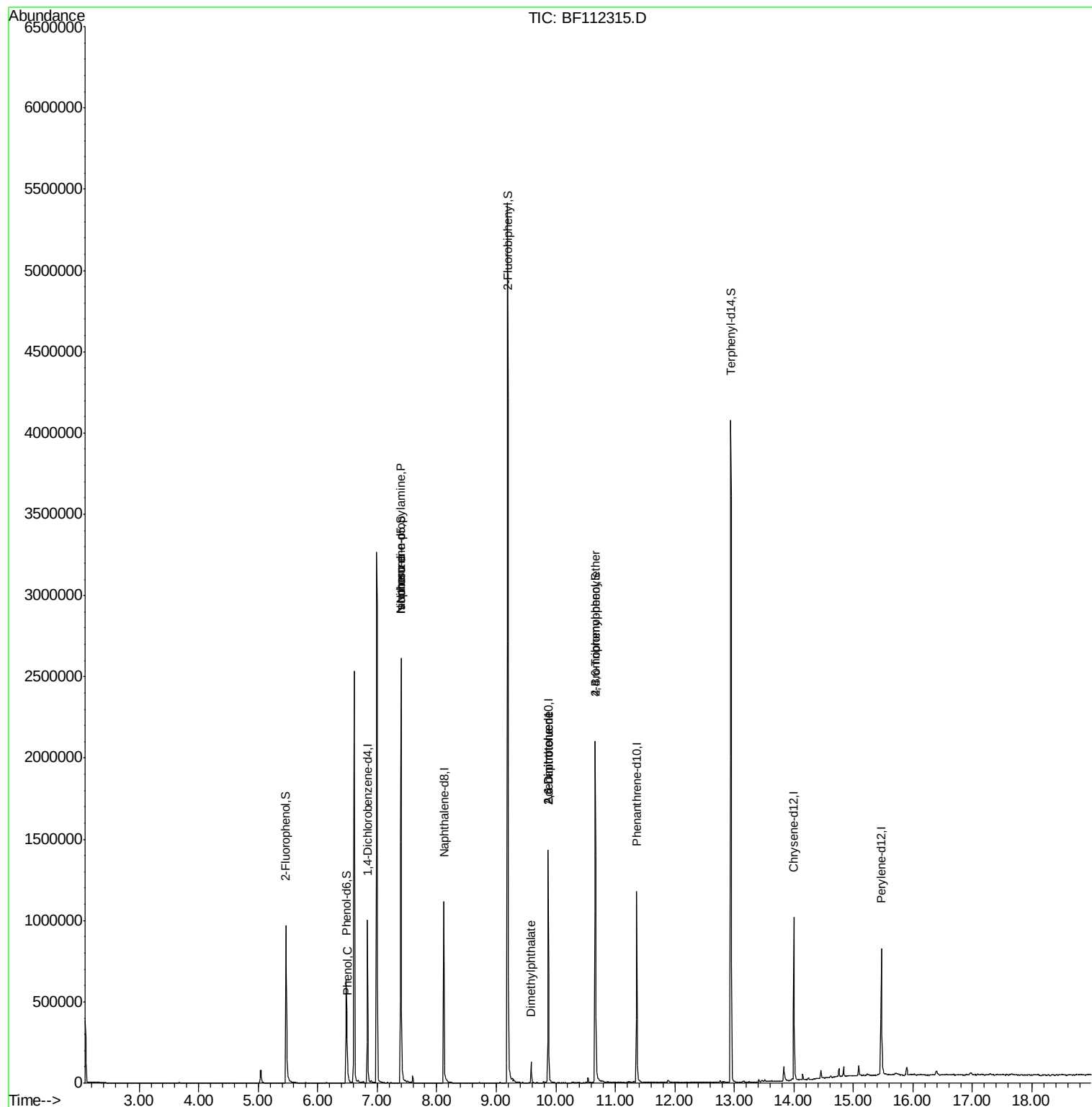
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	164933	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	612540	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	284771	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	501193	20.00	ng	0.00
76) Chrysene-d12	14.00	240	382189	20.00	ng	-0.01
87) Perylene-d12	15.47	264	360249	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	317546	40.89	ng	-0.01
7) Phenol-d6	6.48	99	231395	21.45	ng	-0.01
23) Nitrobenzene-d5	7.40	82	968569	91.11	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	277600	83.75	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	1791302	88.97	ng	-0.01
79) Terphenyl-d14	12.94	244	1442371	71.08	ng	-0.01
Target Compounds						
10) Phenol	6.50	94	43743	3.695	ng	78
19) n-Nitroso-di-n-propylamine	7.40	70	128053	17.211	ng	# 76
25) Isophorone	7.40	82	954451	57.230	ng	# 63
50) Dimethylphthalate	9.59	163	62968	2.846	ng	97
51) 2,6-Dinitrotoluene	9.87	165	35999	7.265	ng	# 35
57) 2,4-Dinitrotoluene	9.87	165	36000	5.707	ng	# 32
67) 4-Bromophenyl-phenylether	10.66	248	16478	2.795	ng	# 1

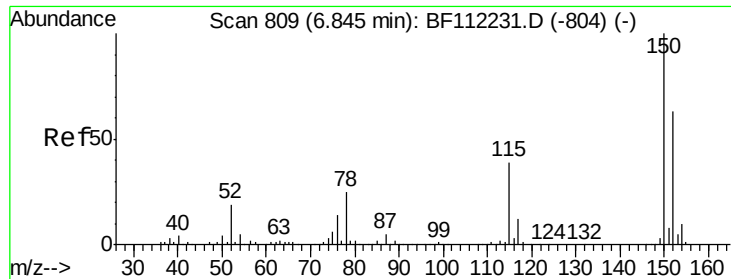
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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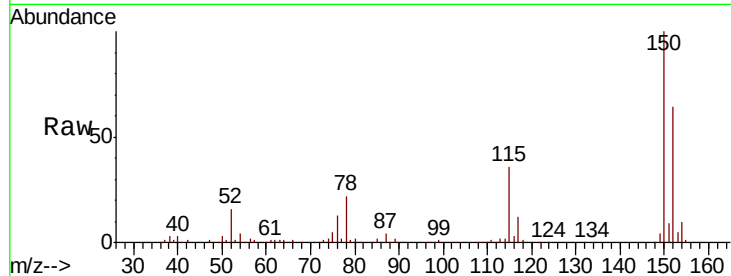


#1

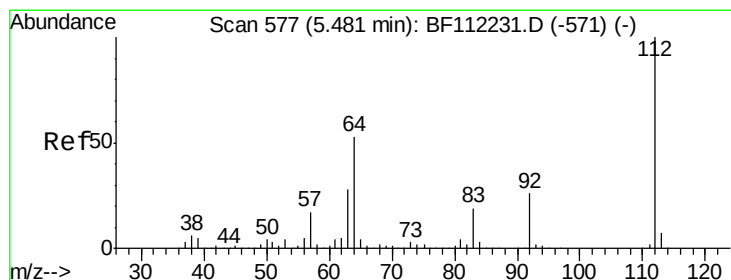
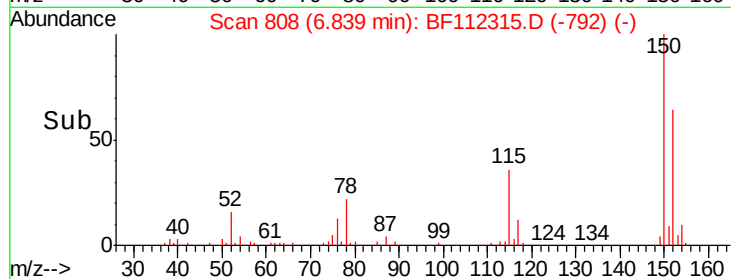
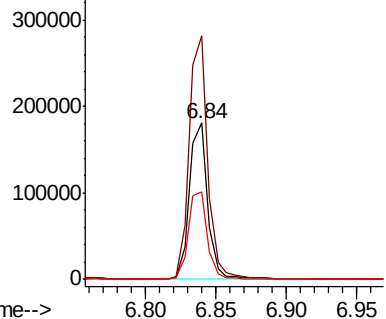
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF112315.D
Acq: 30 Jan 2019 11:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 164933
Ion Ratio Lower Upper
152 100
150 155.8 127.4 191.0
115 56.1 45.5 68.3



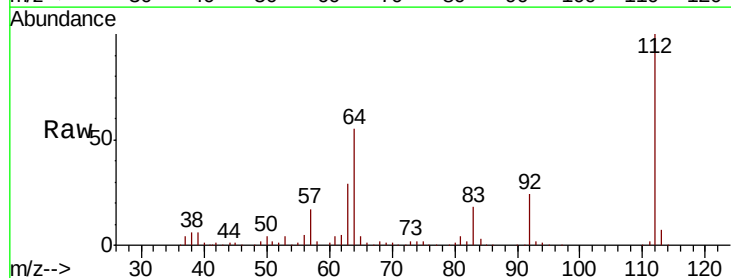
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



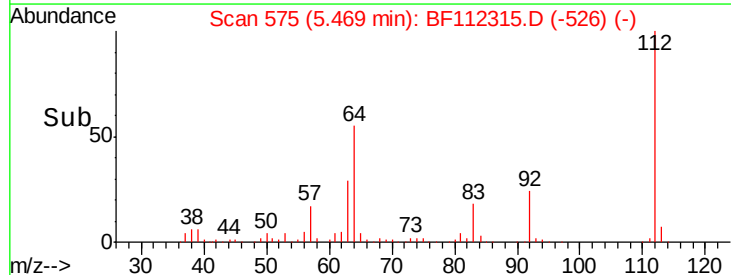
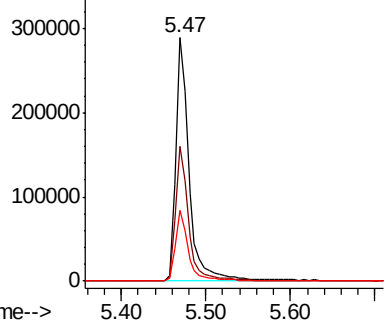
#5

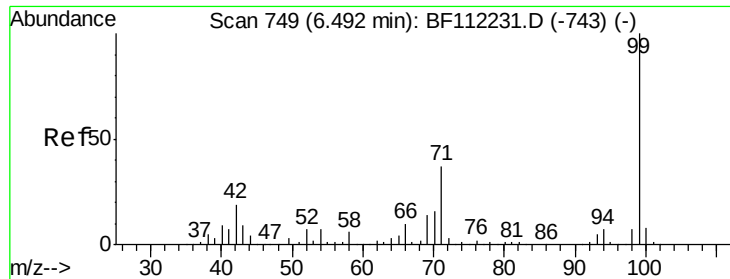
2-Fluorophenol
Concen: 40.895 ng
RT: 5.47 min Scan# 575
Delta R.T. -0.01 min
Lab File: BF112315.D
Acq: 30 Jan 2019 11:10

Tgt Ion:112 Resp: 317546
Ion Ratio Lower Upper
112 100
64 55.3 45.7 68.5
63 29.1 23.6 35.4



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: 21.446 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF112315.D

Acq: 30 Jan 2019 11:10

Instrument :

BNA_F

ClientSampleId :

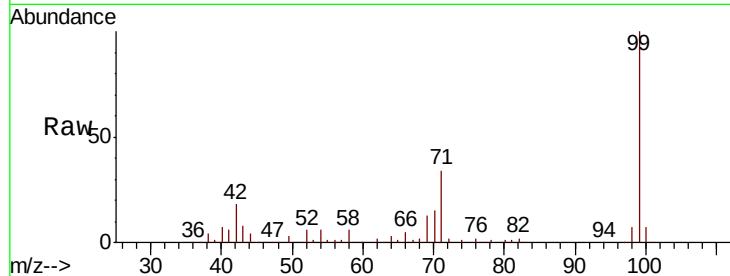
Tot Ion: 99 Resp: 231395

Ion Ratio Lower Upper

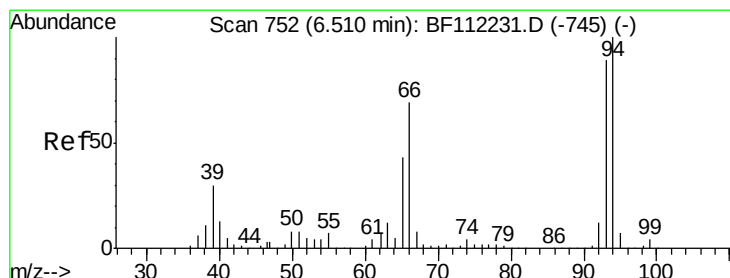
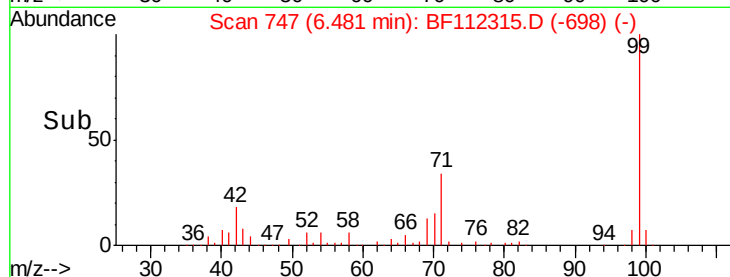
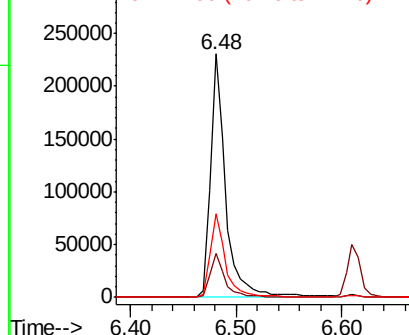
99 100

42 18.3 15.1 22.7

71 34.3 26.9 40.3



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: 3.695 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF112315.D

Acq: 30 Jan 2019 11:10

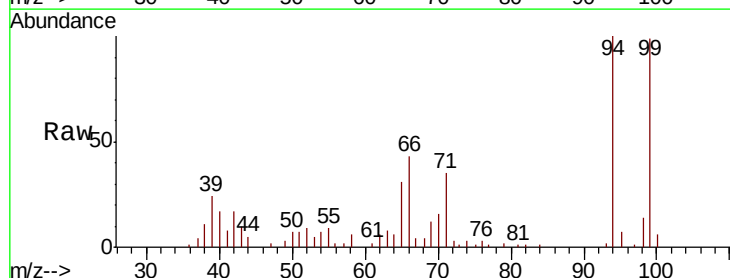
Tgt Ion: 94 Resp: 43743

Ion Ratio Lower Upper

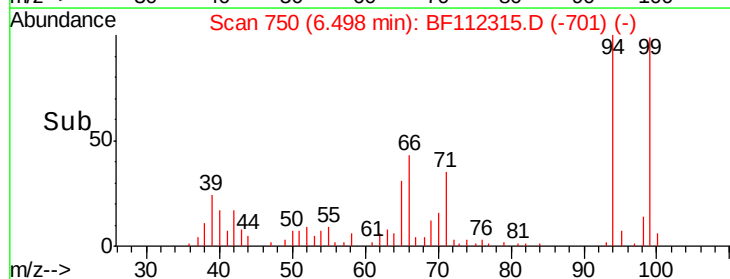
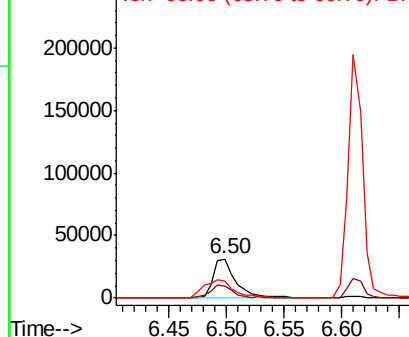
94 100

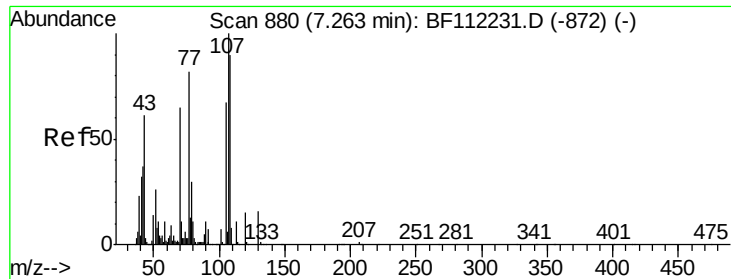
65 30.5 20.3 60.3

66 42.6 42.4 82.4



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

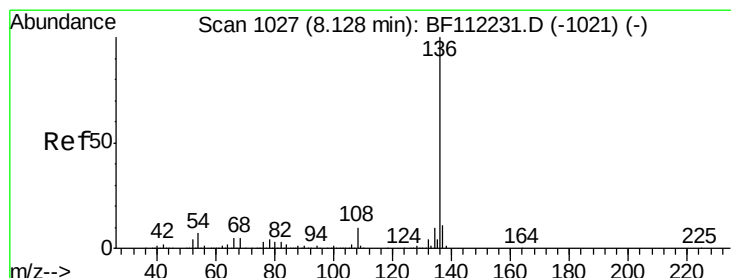
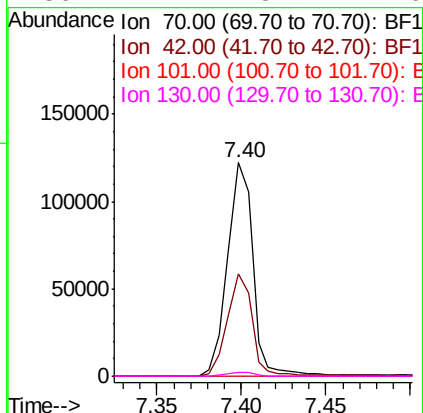
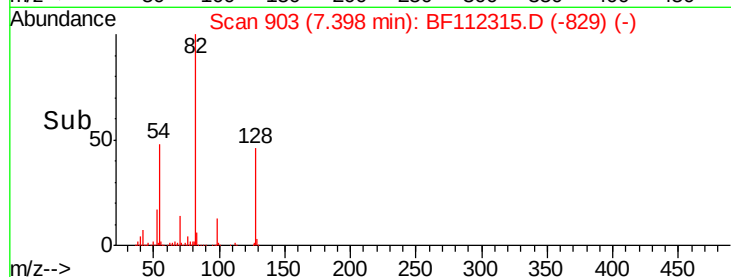
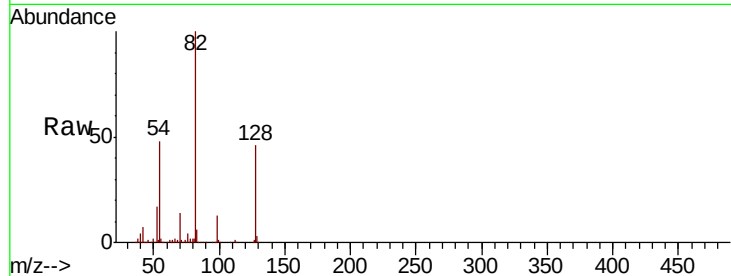




#19
n-Nitroso-di-n-propylamine
Concen: 17.211 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.14 min
Lab File: BF112315.D
Acq: 30 Jan 2019 11:10

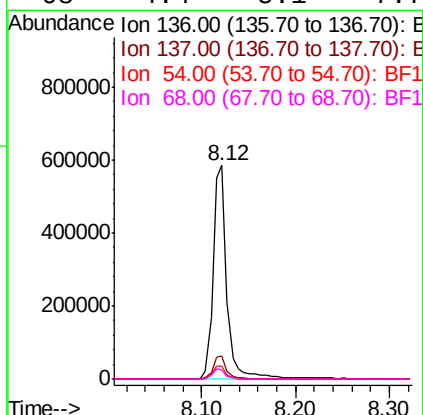
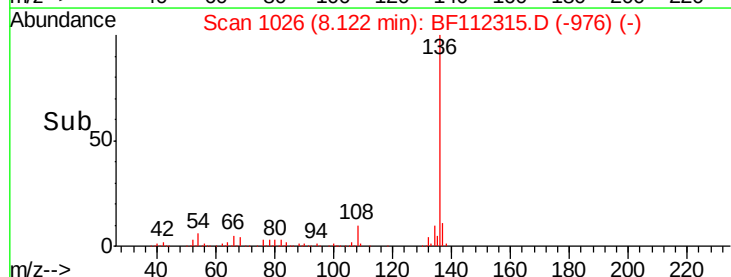
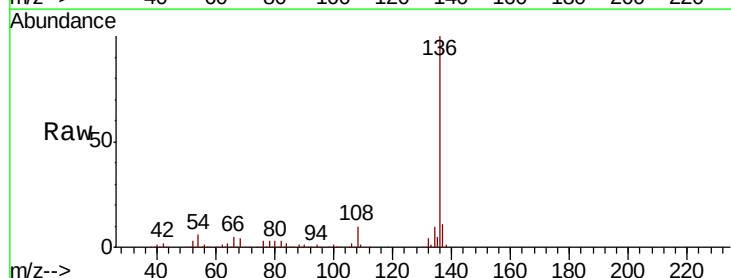
Instrument :
BNA_F
ClientSampleId :

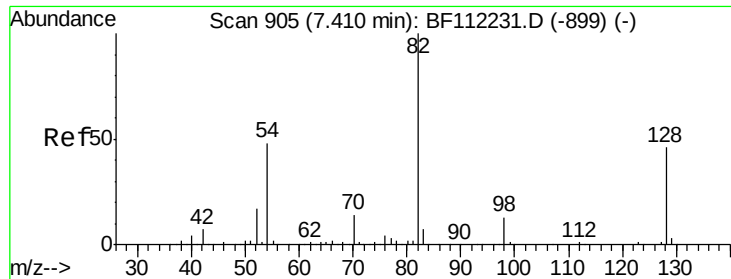
Tot Ion: 70 Resp: 128053
Ion Ratio Lower Upper
70 100
42 47.7 47.6 71.4
101 0.0 7.9 11.9#
130 2.1 18.4 27.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF112315.D
Acq: 30 Jan 2019 11:10

Tgt Ion: 136 Resp: 612540
Ion Ratio Lower Upper
136 100
137 10.5 9.1 13.7
54 6.0 5.9 8.9
68 4.4 5.1 7.7#

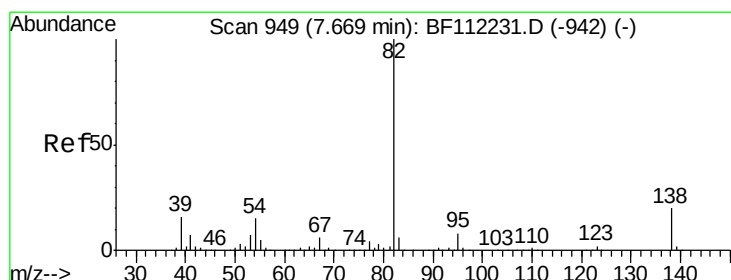
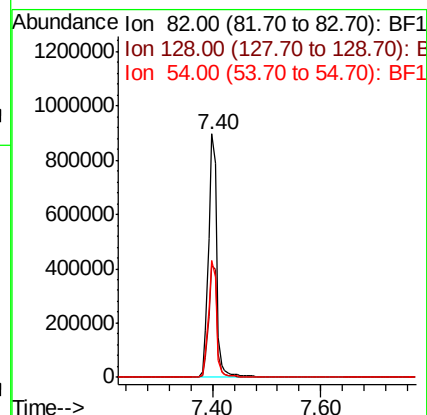
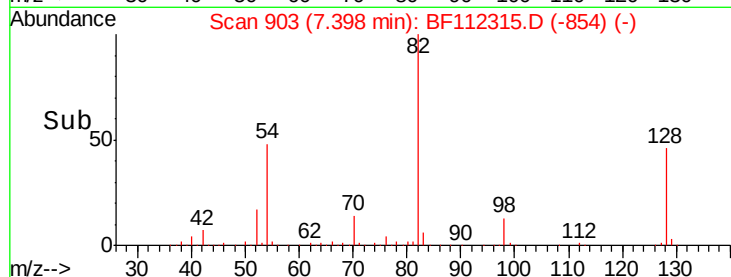
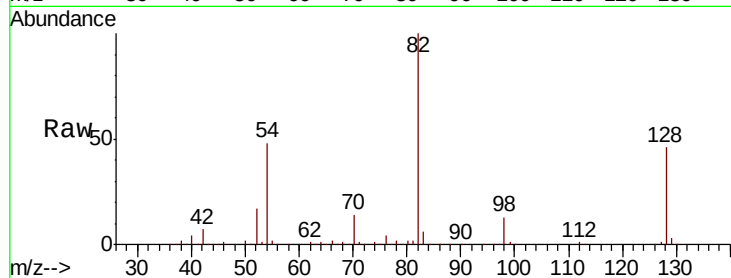




#23
Nitrobenzene-d5
Concen: 91.110 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF112315.D
Acq: 30 Jan 2019 11:10

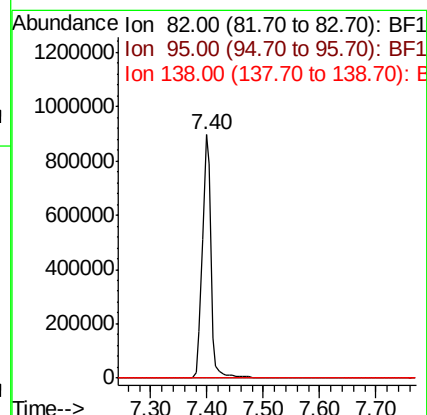
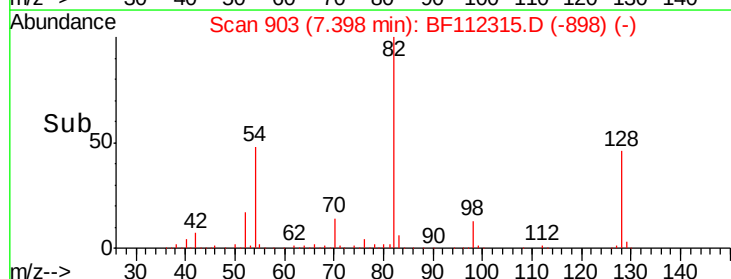
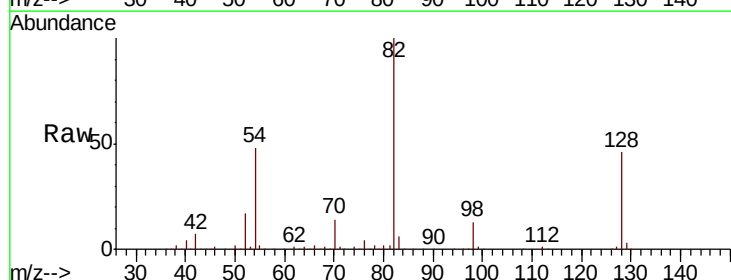
Instrument :
BNA_F
ClientSampleId :

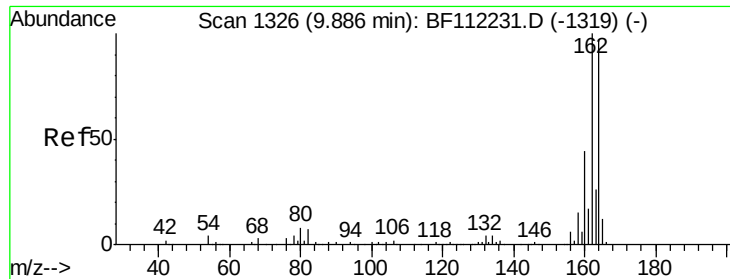
Tot Ion: 82 Resp: 968569
Ion Ratio Lower Upper
82 100
128 45.9 37.8 56.8
54 48.1 39.7 59.5



#25
Isophorone
Concen: 57.230 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.27 min
Lab File: BF112315.D
Acq: 30 Jan 2019 11:10

Tgt Ion: 82 Resp: 954451
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 15.4 23.0#

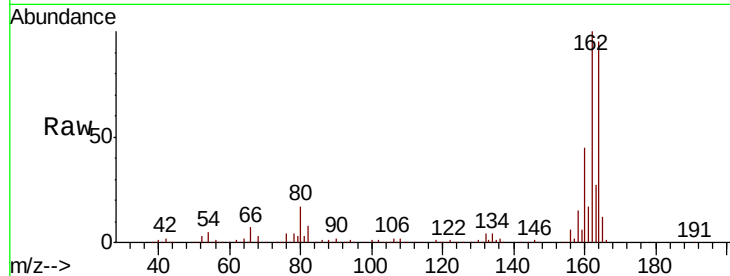




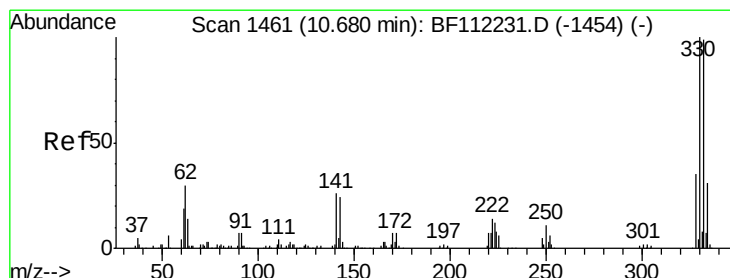
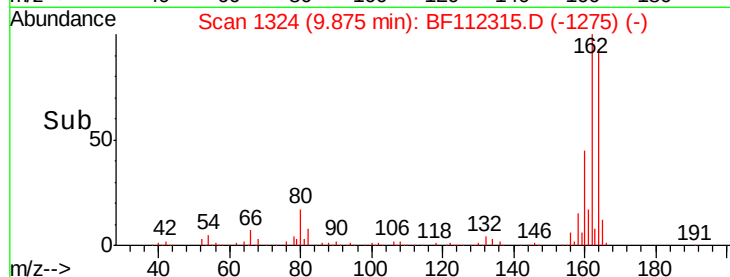
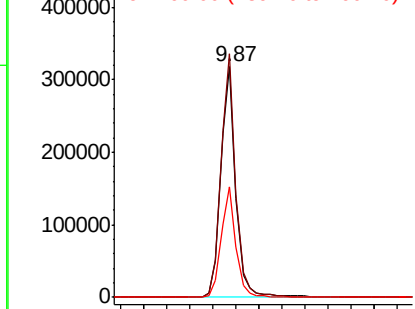
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF112315.D
 Acq: 30 Jan 2019 11:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.8	82.2	123.4
160	47.8	36.2	54.4

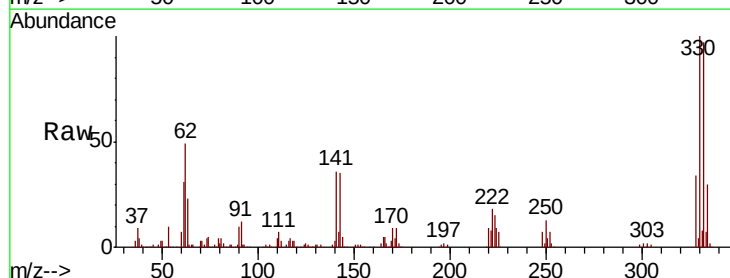


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

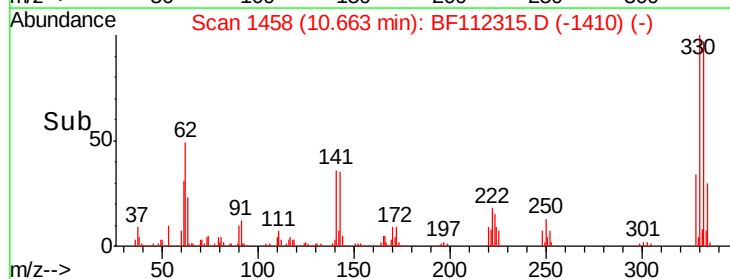
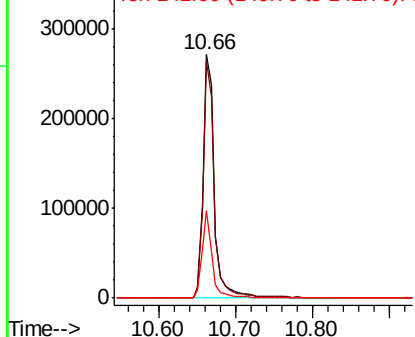


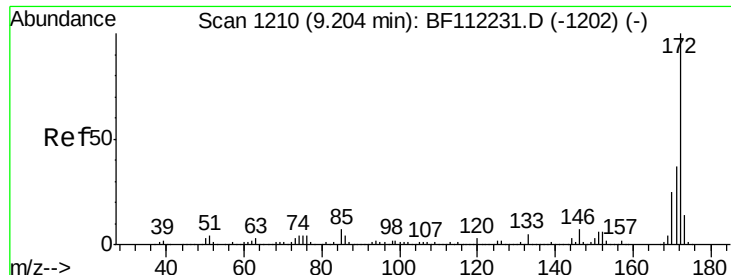
#42
 2,4,6-Tribromophenol
 Concen: 83.749 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.02 min
 Lab File: BF112315.D
 Acq: 30 Jan 2019 11:10

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.6	114.8
141	32.6	24.3	36.5



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

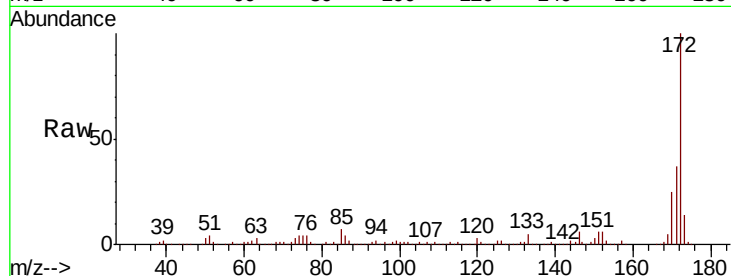




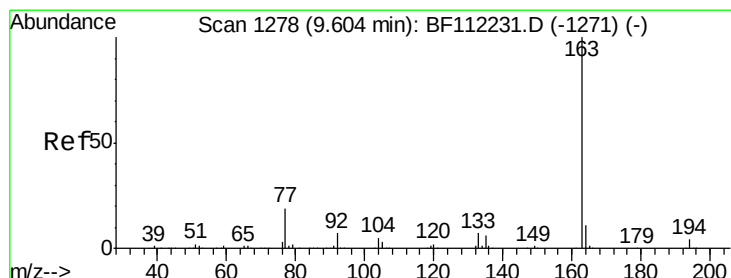
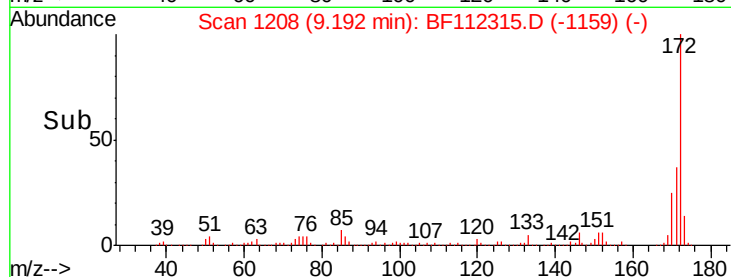
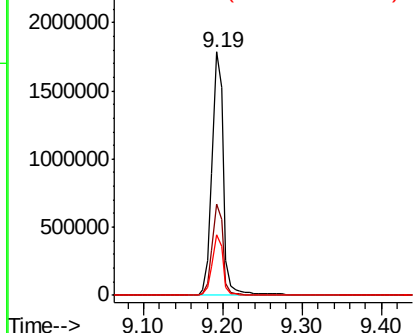
#45
2-Fluorobiphenyl
Concen: 88.966 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF112315.D
Acq: 30 Jan 2019 11:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1791302
Ion Ratio Lower Upper
172 100
171 37.3 30.5 45.7
170 24.7 20.2 30.4

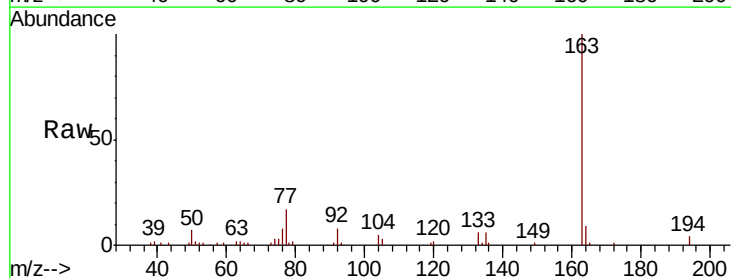


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

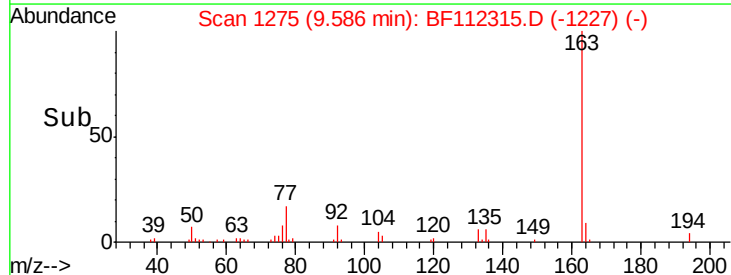
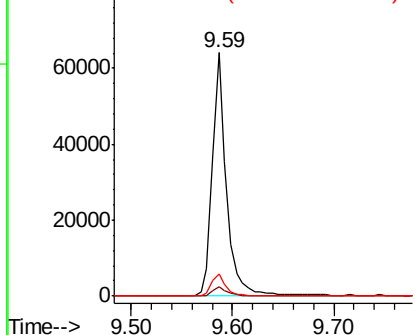


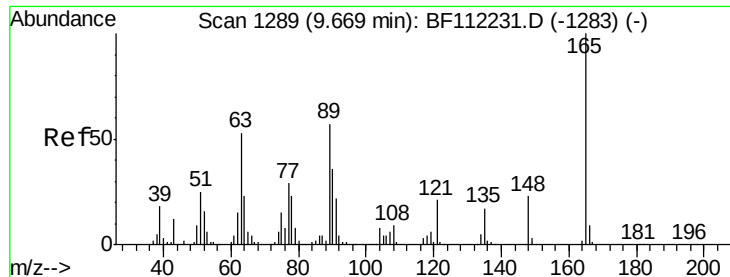
#50
Dimethylphthalate
Concen: 2.846 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BF112315.D
Acq: 30 Jan 2019 11:10

Tgt Ion:163 Resp: 62968
Ion Ratio Lower Upper
163 100
194 3.8 3.3 4.9
164 8.9 8.5 12.7



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: 7.265 ng

RT: 9.87 min Scan# 1324

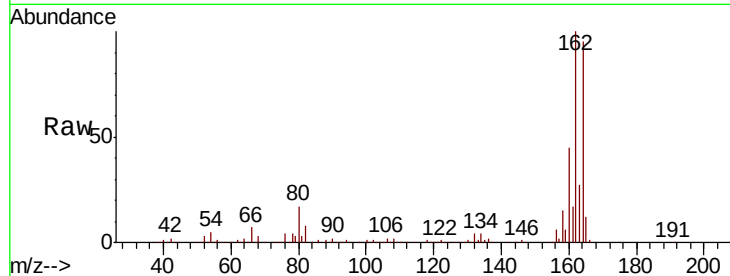
Delta R.T. 0.21 min

Lab File: BF112315.D

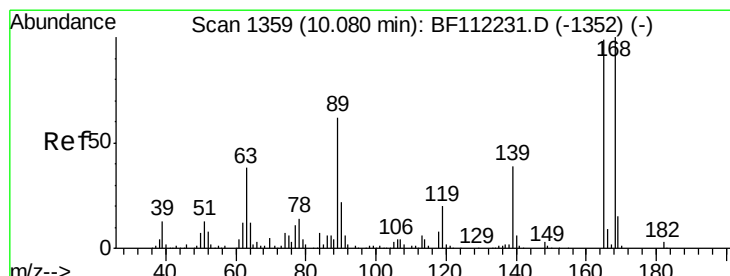
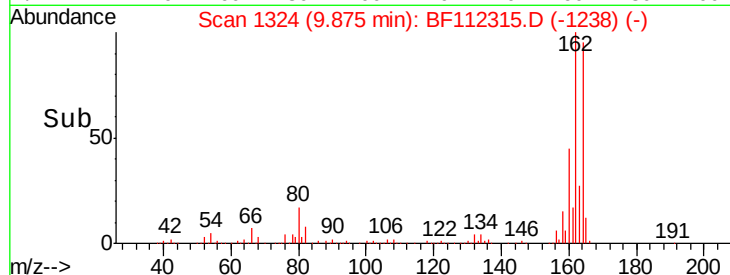
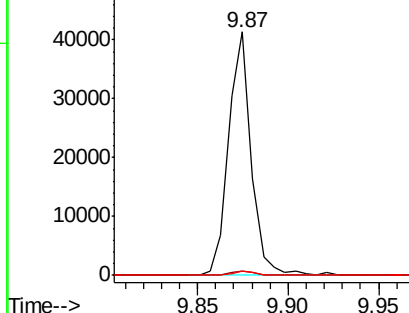
Acq: 30 Jan 2019 11:10

Instrument :
BNA_F
ClientSampled :

Tot Ion:	165	Resp:	35999
Ion	Ratio	Lower	Upper
165	100		
63	1.9	33.8	50.8#
89	1.8	36.9	55.3#



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: 5.707 ng

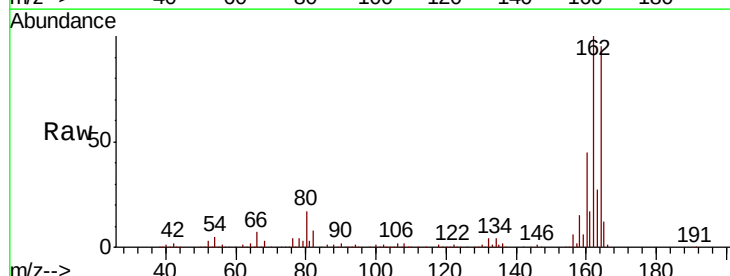
RT: 9.87 min Scan# 1324

Delta R.T. -0.21 min

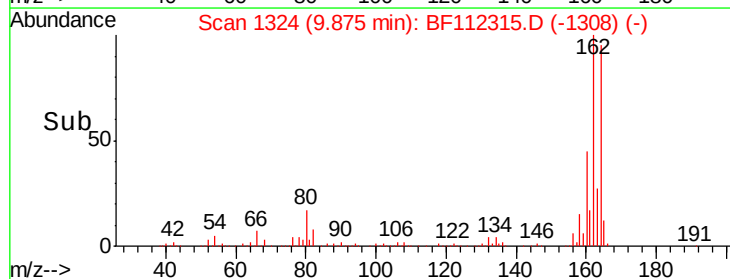
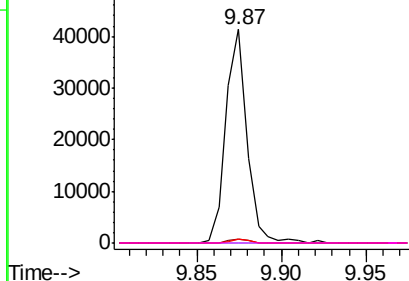
Lab File: BF112315.D

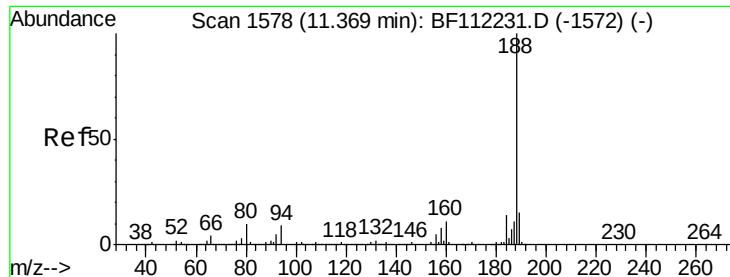
Acq: 30 Jan 2019 11:10

Tgt Ion:	165	Resp:	36000
Ion	Ratio	Lower	Upper
165	100		
63	1.9	27.9	41.9#
89	1.8	47.9	71.9#
182	0.0	2.2	3.4#



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: 11.36 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF112315.D

Acq: 30 Jan 2019 11:10

Instrument :

BNA_F

ClientSampleId :

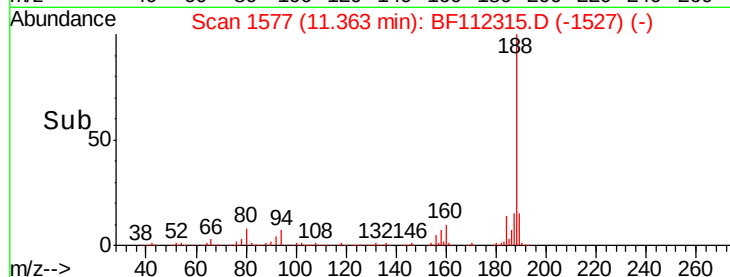
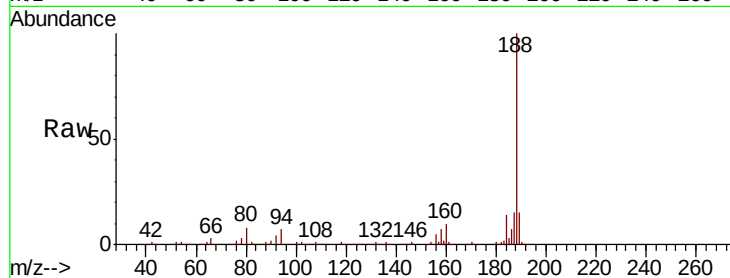
Tot Ion:188 Resp: 501193

Ion Ratio Lower Upper

188 100

94 7.2 8.2 12.2#

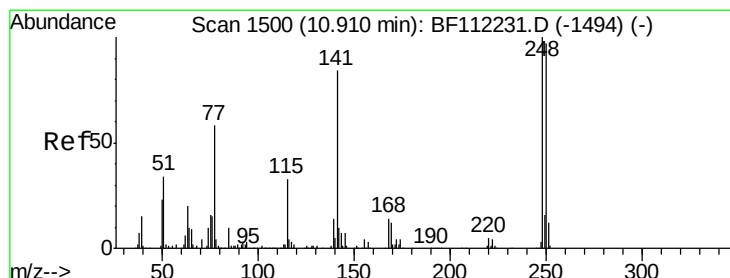
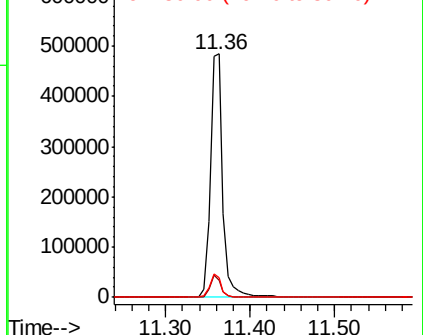
80 7.9 8.9 13.3#



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: 2.795 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.25 min

Lab File: BF112315.D

Acq: 30 Jan 2019 11:10

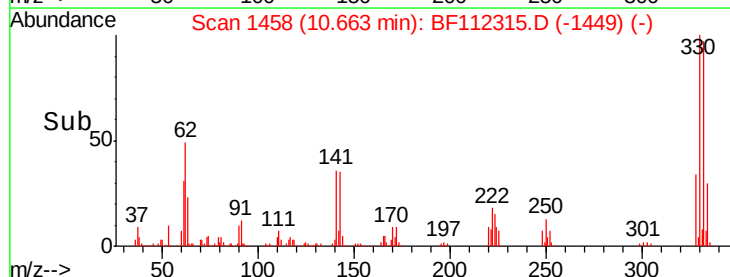
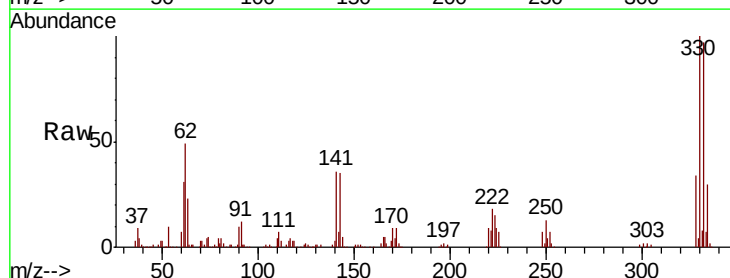
Tgt Ion:248 Resp: 16478

Ion Ratio Lower Upper

248 100

250 192.3 79.7 119.5#

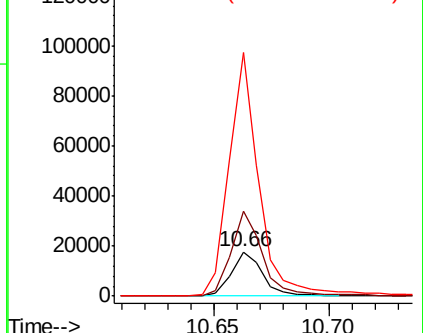
141 548.8 60.3 90.5#

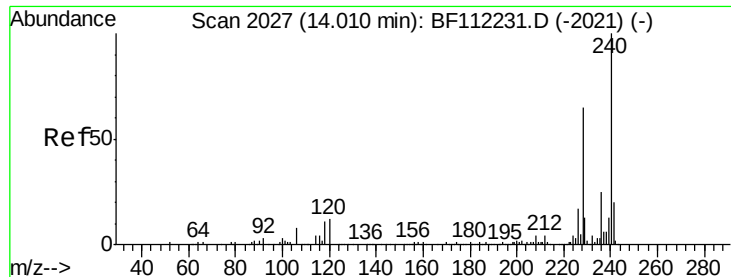


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

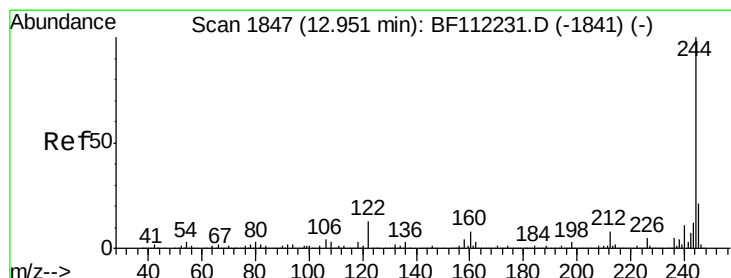
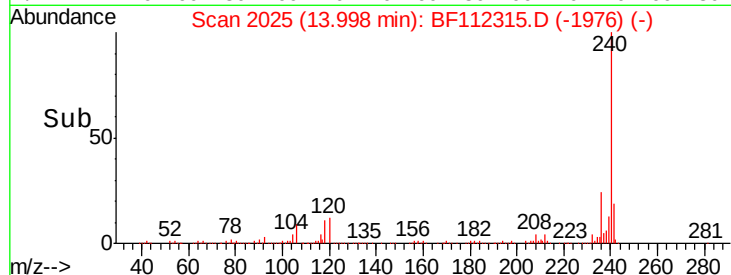
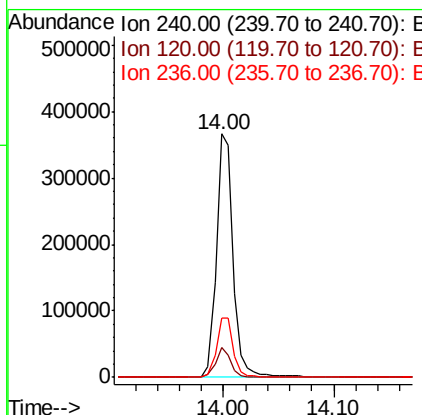
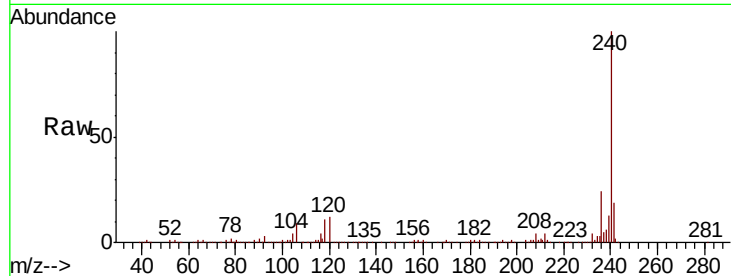




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF112315.D
Acq: 30 Jan 2019 11:10

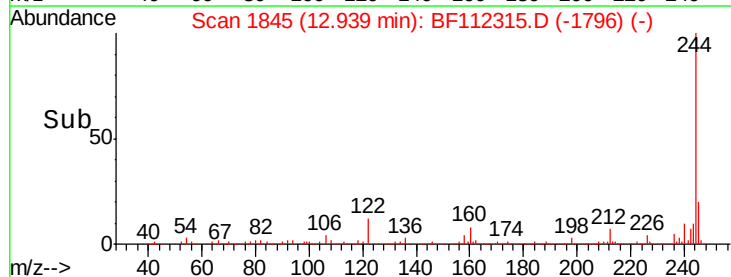
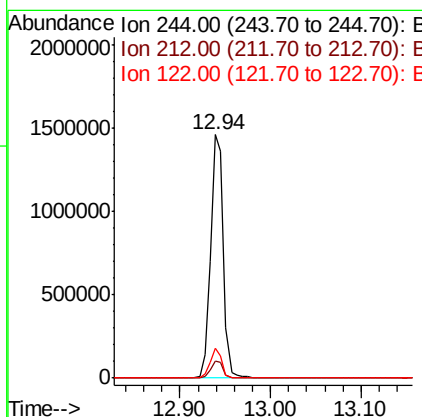
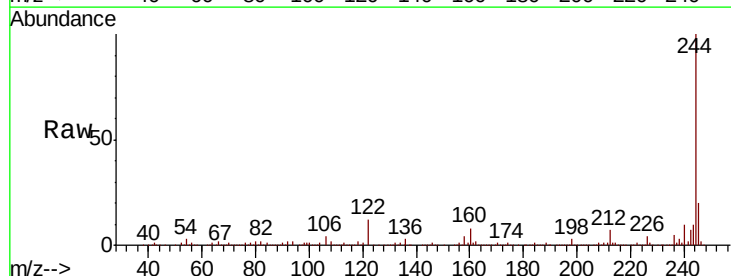
Instrument :
BNA_F
ClientSampled :

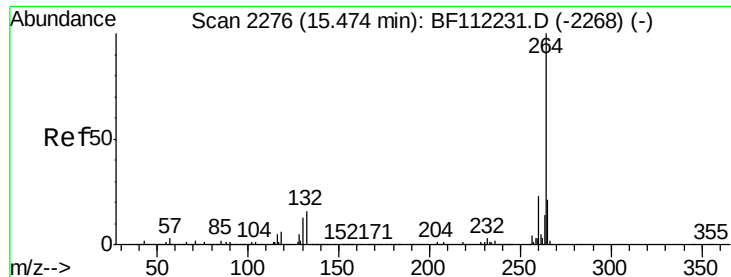
Tot Ion:240 Resp: 382189
Ion Ratio Lower Upper
240 100
120 12.3 9.0 13.6
236 24.4 20.7 31.1



#79
Terphenyl-d14
Concen: 71.081 ng
RT: 12.94 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BF112315.D
Acq: 30 Jan 2019 11:10

Tgt Ion:244 Resp: 1442371
Ion Ratio Lower Upper
244 100
212 6.8 5.9 8.9
122 12.4 9.8 14.6





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2275
 Delta R.T. -0.01 min
 Lab File: BF112315.D
 Acq: 30 Jan 2019 11:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.2	27.2
265	21.3	17.0	25.4

