

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021919\
 Data File : BF112616.D
 Acq On : 19 Feb 2019 12:58
 Operator : JU/SJ
 Sample : K1513-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 19 16:15:10 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

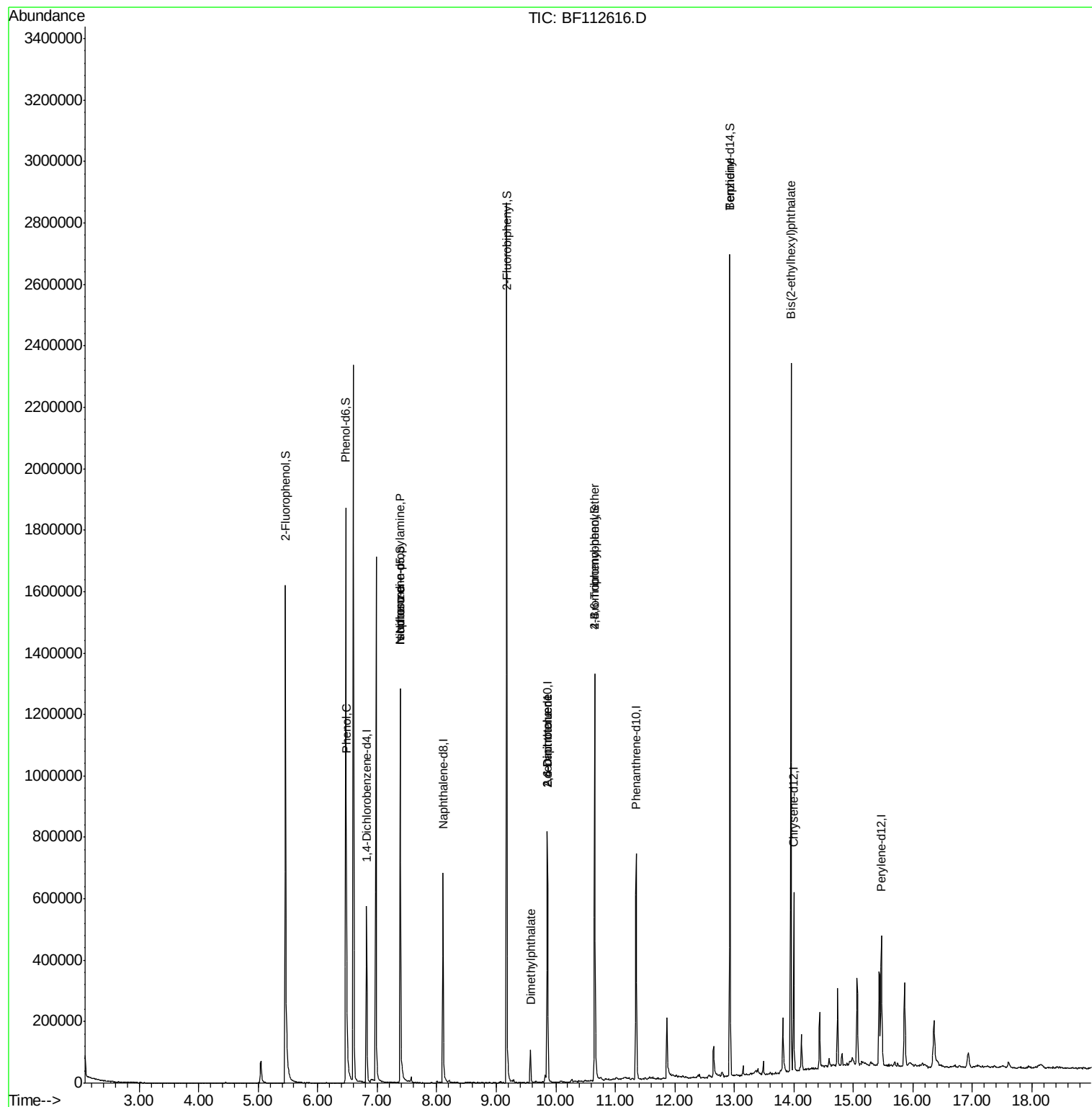
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	88845	20.00	ng	-0.02
21) Naphthalene-d8	8.10	136	344979	20.00	ng	-0.02
39) Acenaphthene-d10	9.86	164	164198	20.00	ng	-0.03
64) Phenanthrene-d10	11.35	188	292870	20.00	ng	-0.02
76) Chrysene-d12	14.00	240	206670	20.00	ng	-0.01
87) Perylene-d12	15.47	264	209809	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	542706	129.75	ng	-0.02
7) Phenol-d6	6.47	99	664998	114.41	ng	-0.02
23) Nitrobenzene-d5	7.39	82	443620	74.10	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	190690	99.77	ng	-0.02
45) 2-Fluorobiphenyl	9.17	172	904932	77.95	ng	-0.03
79) Terphenyl-d14	12.93	244	839413	76.50	ng	-0.02
Target Compounds						
10) Phenol	6.49	94	39238	6.153	ng	88
19) n-Nitroso-di-n-propylamine	7.39	70	59536	14.855	ng	# 76
25) Isophorone	7.39	82	443618	47.231	ng	# 63
50) Dimethylphthalate	9.57	163	52706	4.131	ng	100
51) 2,6-Dinitrotoluene	9.86	165	21765	7.618	ng	# 35
57) 2,4-Dinitrotoluene	9.86	165	21765	5.984	ng	# 32
67) 4-Bromophenyl-phenylether	10.66	248	11473	3.331	ng	# 1
77) Benzidine	12.93	184	11696	2.056	ng	# 93
84) Bis(2-ethylhexyl)phthalate	13.95	149	646465	65.786	ng	98

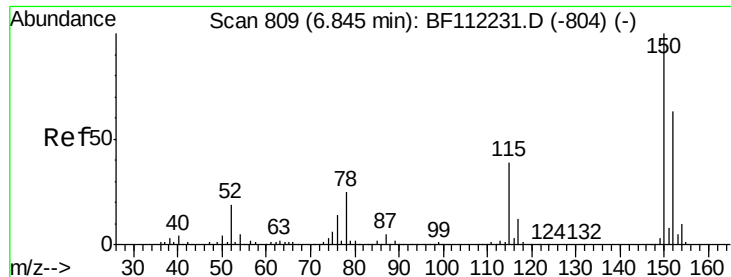
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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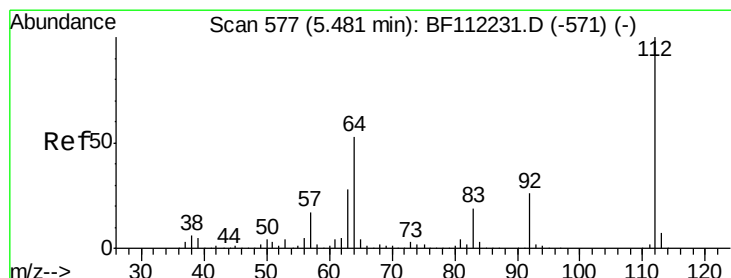
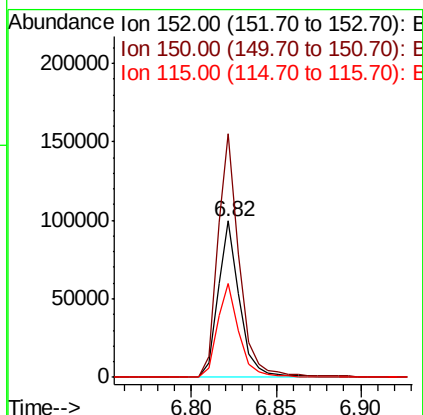
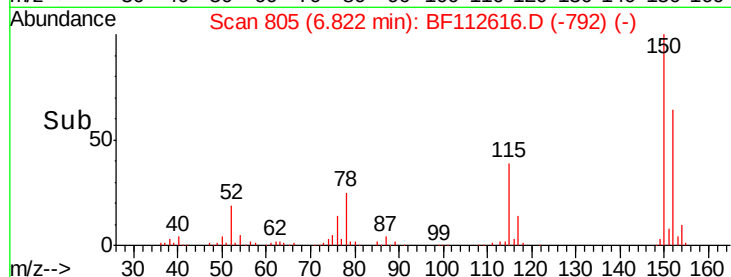
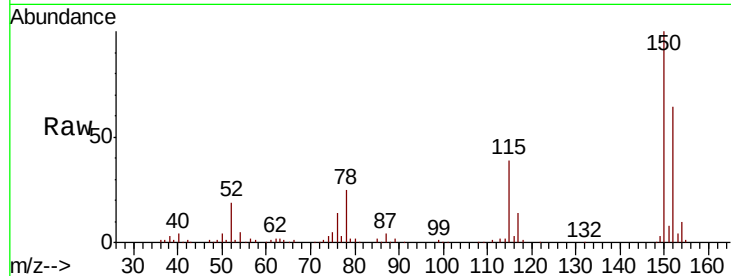


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.02 min
Lab File: BF112616.D
Acq: 19 Feb 2019 12:58

Instrument :
BNA_F
ClientSampleId :

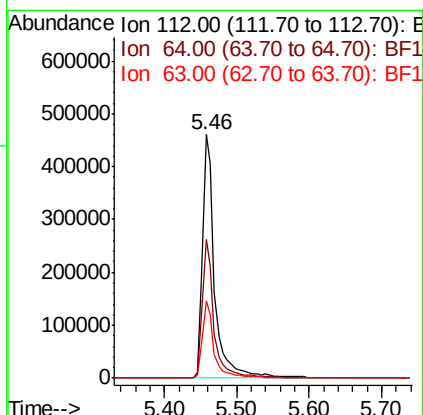
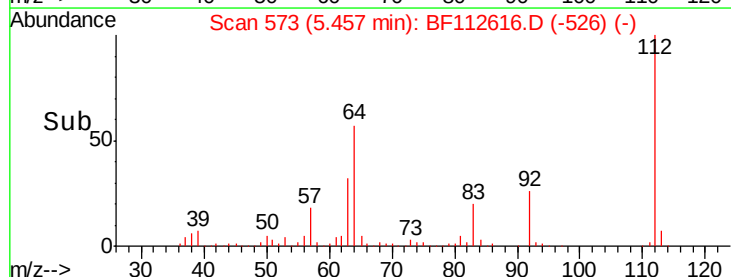
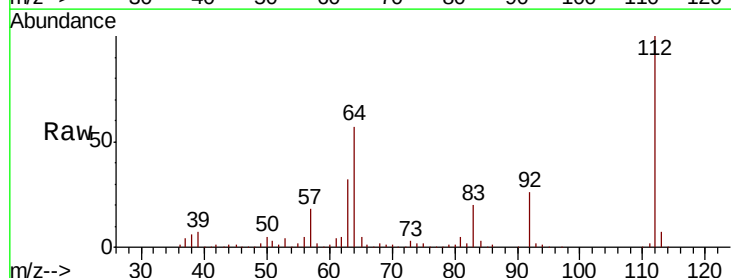
Tot Ion:152 Resp: 88845
Ion Ratio Lower Upper
152 100
150 155.9 127.4 191.0
115 60.5 45.5 68.3

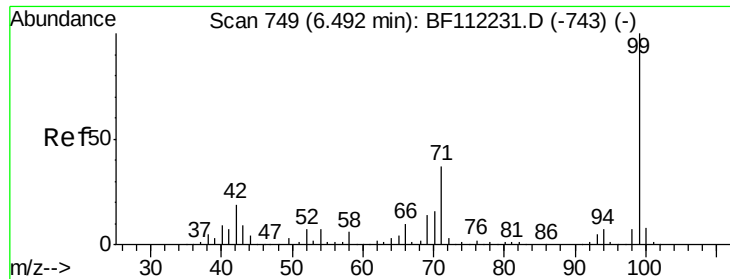


#5

2-Fluorophenol
Concen: 129.748 ng
RT: 5.46 min Scan# 573
Delta R.T. -0.02 min
Lab File: BF112616.D
Acq: 19 Feb 2019 12:58

Tgt Ion:112 Resp: 542706
Ion Ratio Lower Upper
112 100
64 57.1 45.7 68.5
63 31.6 23.6 35.4





#7

Phenol-d6

Concen: 114.414 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.02 min

Lab File: BF112616.D

Acq: 19 Feb 2019 12:58

Instrument :

BNA_F

ClientSampled :

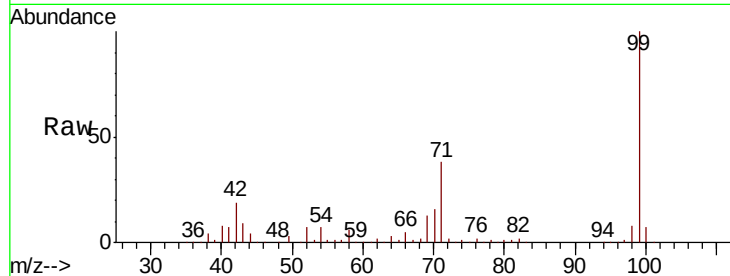
Tot Ion: 99 Resp: 664998

Ion Ratio Lower Upper

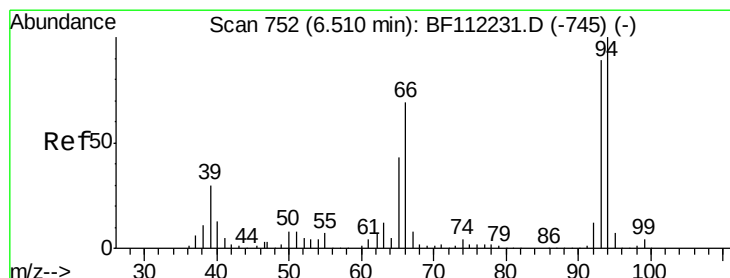
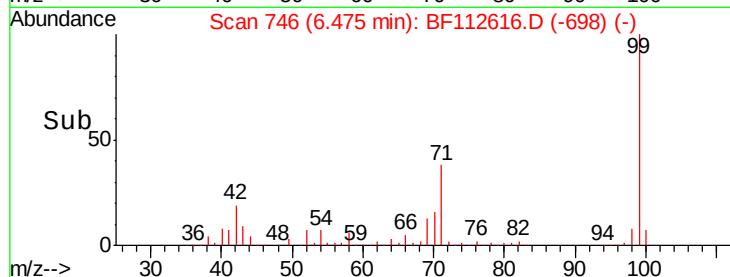
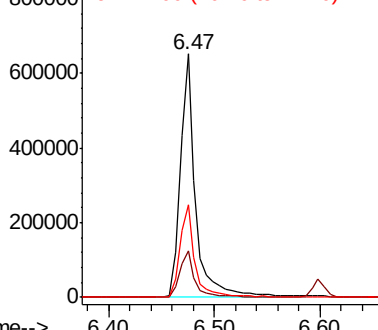
99 100

42 19.1 15.1 22.7

71 37.9 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: 6.153 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.02 min

Lab File: BF112616.D

Acq: 19 Feb 2019 12:58

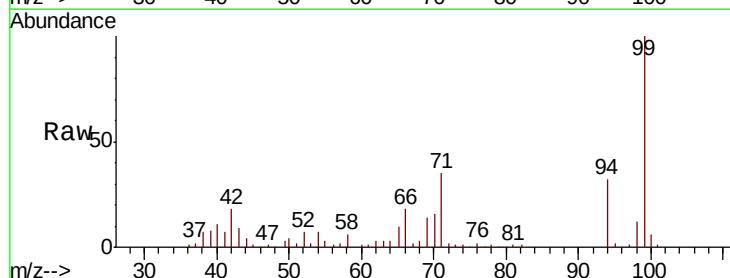
Tgt Ion: 94 Resp: 39238

Ion Ratio Lower Upper

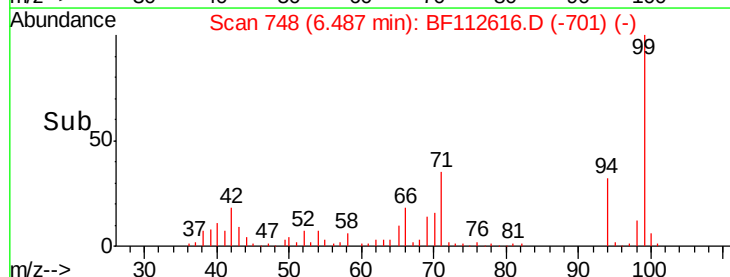
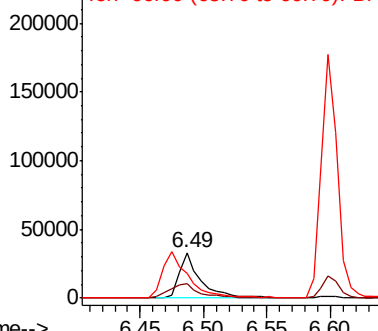
94 100

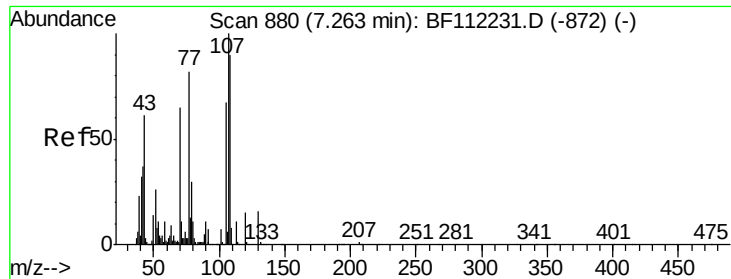
65 30.5 20.3 60.3

66 54.7 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

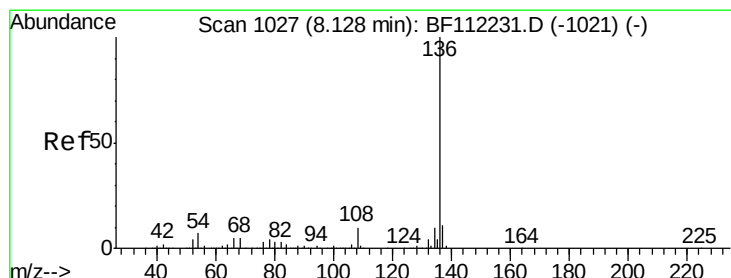
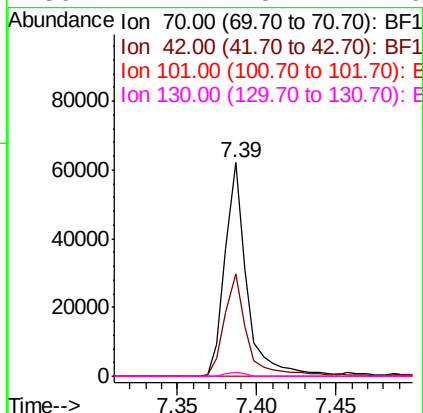
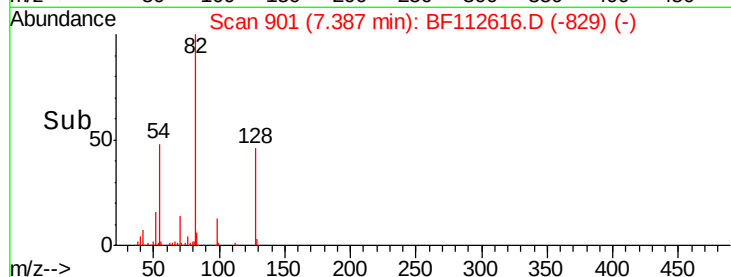
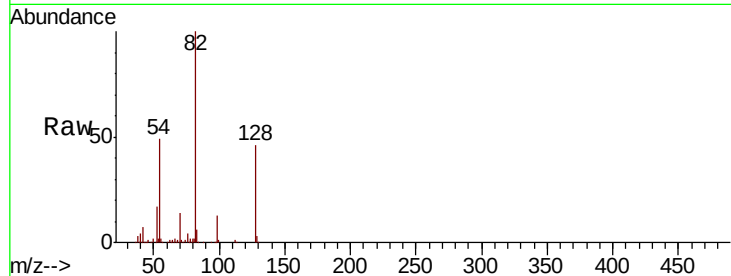




#19
n-Nitroso-di-n-propylamine
Concen: 14.855 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.12 min
Lab File: BF112616.D
Acq: 19 Feb 2019 12:58

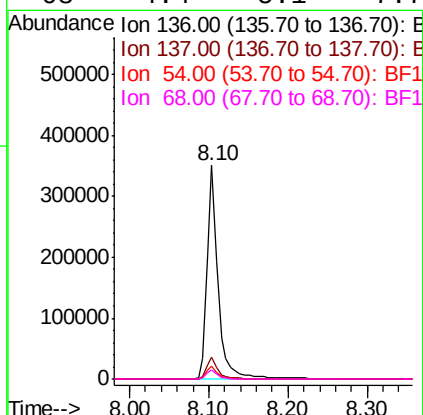
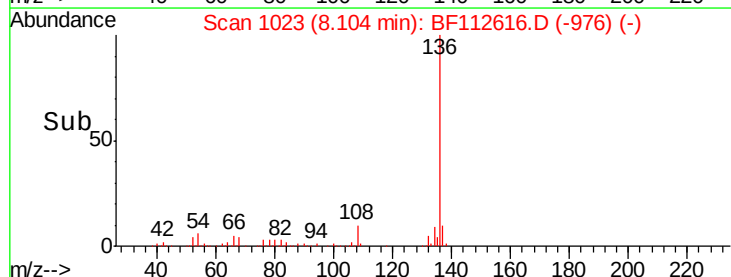
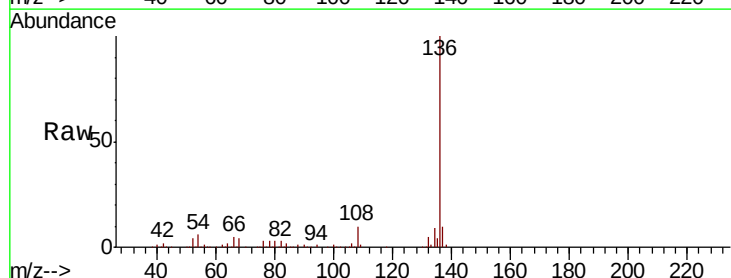
Instrument :
BNA_F
ClientSampleId :

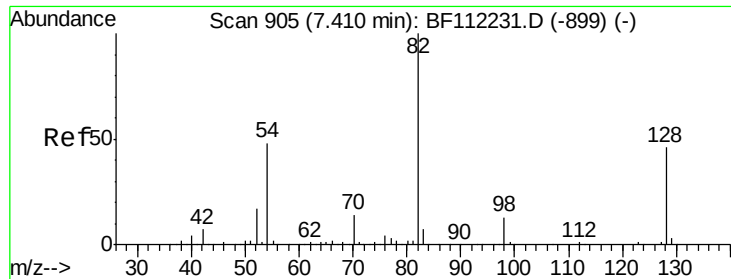
Tot Ion: 70 Resp: 59536
Ion Ratio Lower Upper
70 100
42 47.7 47.6 71.4
101 0.0 7.9 11.9#
130 2.1 18.4 27.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BF112616.D
Acq: 19 Feb 2019 12:58

Tgt Ion: 136 Resp: 344979
Ion Ratio Lower Upper
136 100
137 10.3 9.1 13.7
54 6.1 5.9 8.9
68 4.4 5.1 7.7#

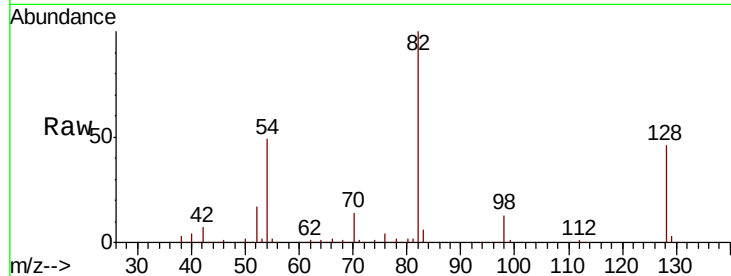




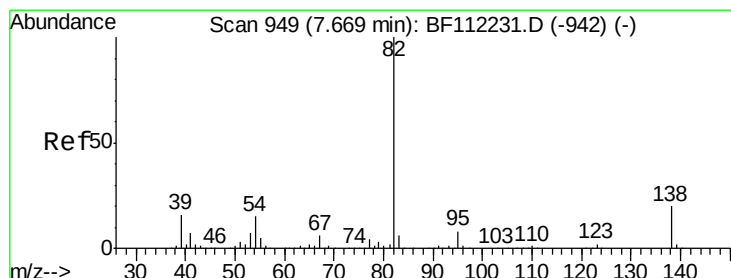
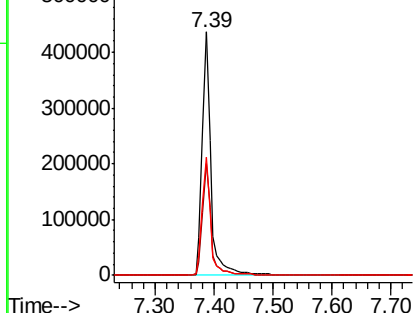
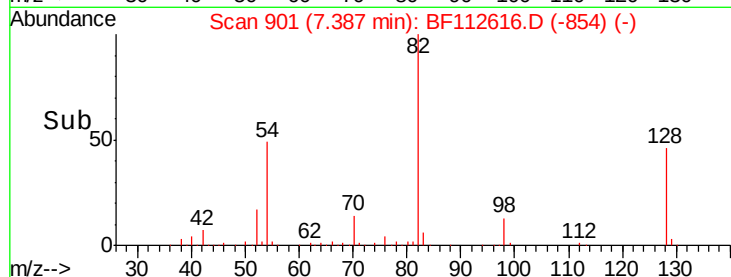
#23
Nitrobenzene-d5
Concen: 74.095 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.02 min
Lab File: BF112616.D
Acq: 19 Feb 2019 12:58

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 443620
Ion Ratio Lower Upper
82 100
128 45.9 37.8 56.8
54 48.6 39.7 59.5

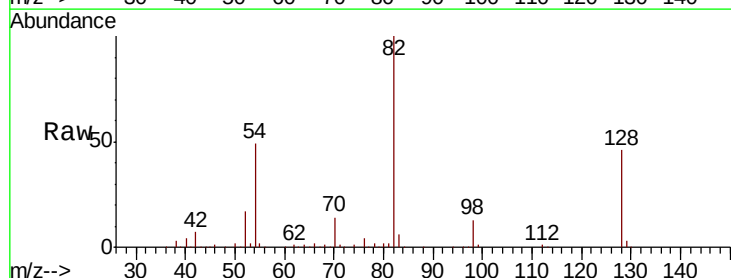


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

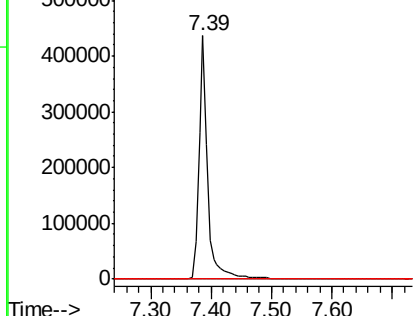
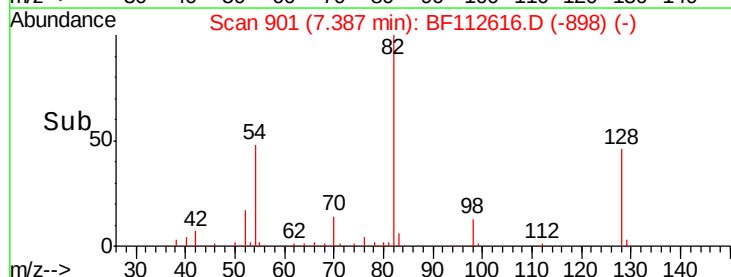


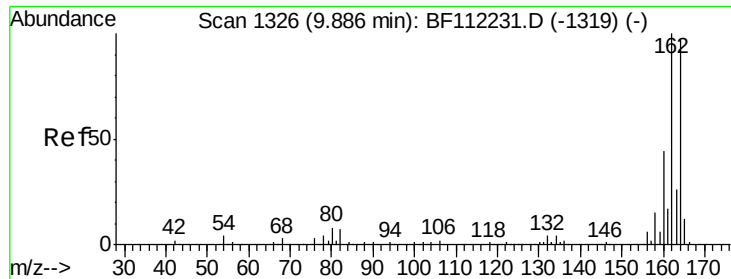
#25
Isophorone
Concen: 47.231 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.28 min
Lab File: BF112616.D
Acq: 19 Feb 2019 12:58

Tgt Ion: 82 Resp: 443618
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 15.4 23.0#



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

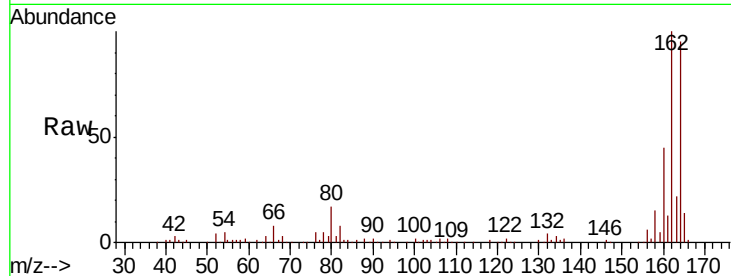




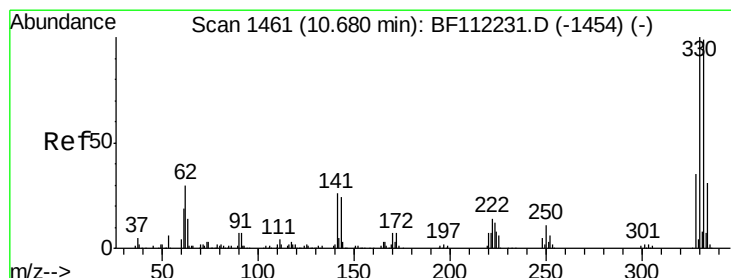
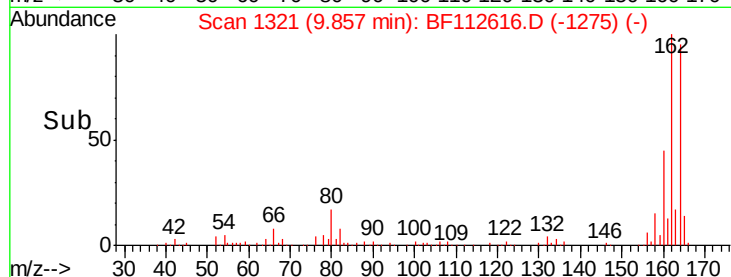
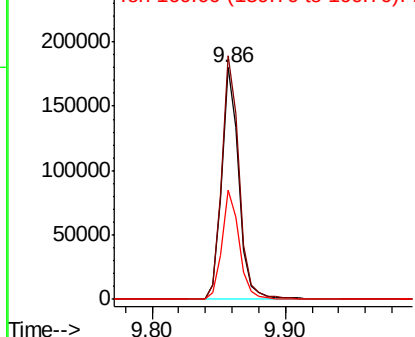
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. -0.03 min
 Lab File: BF112616.D
 Acq: 19 Feb 2019 12:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 164198
 Ion Ratio Lower Upper
 164 100
 162 105.0 82.2 123.4
 160 47.2 36.2 54.4

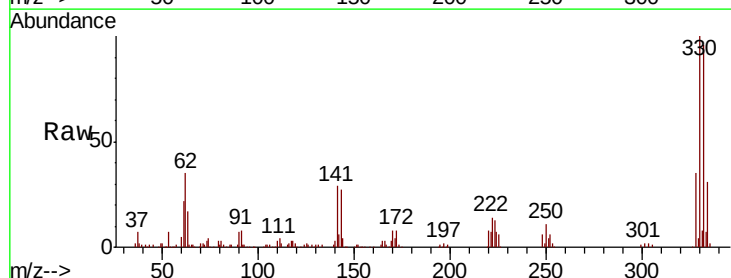


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

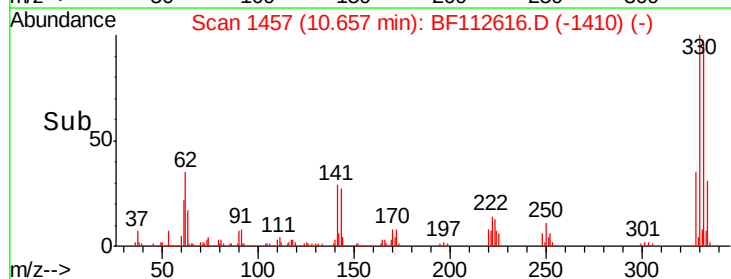
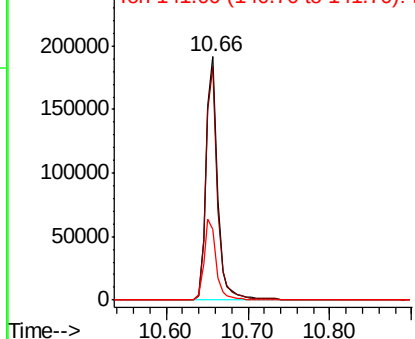


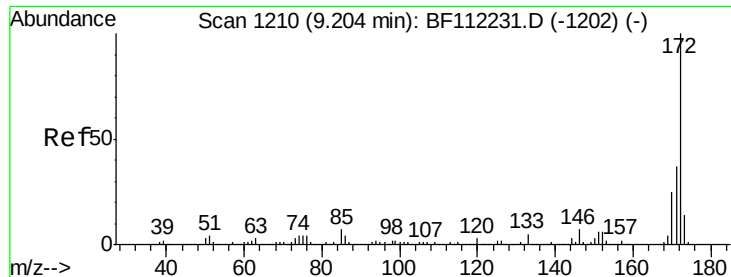
#42
 2,4,6-Tribromophenol
 Concen: 99.774 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. -0.02 min
 Lab File: BF112616.D
 Acq: 19 Feb 2019 12:58

Tgt Ion:330 Resp: 190690
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.6 114.8
 141 34.9 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

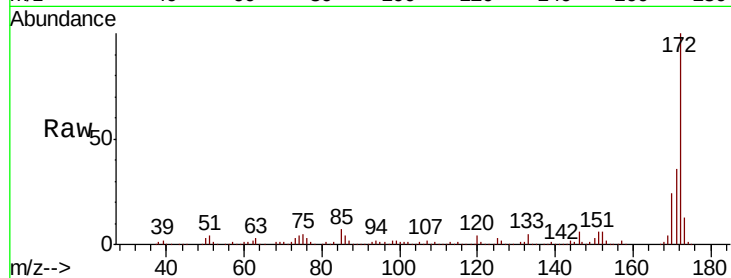




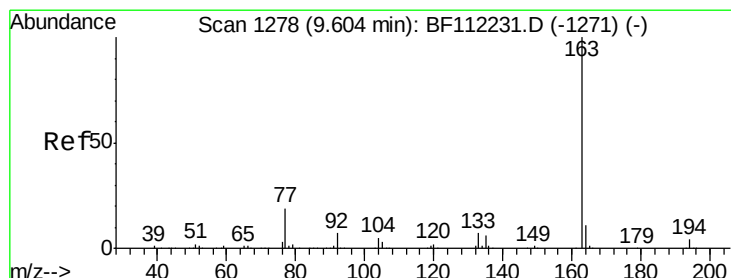
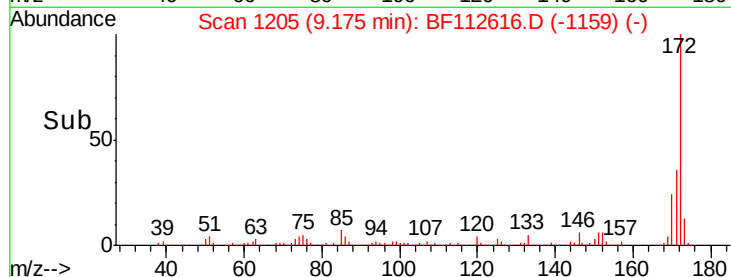
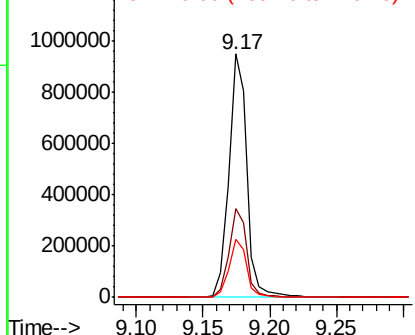
#45
2-Fluorobiphenyl
Concen: 77.947 ng
RT: 9.17 min Scan# 1205
Delta R.T. -0.03 min
Lab File: BF112616.D
Acq: 19 Feb 2019 12:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 904932
Ion Ratio Lower Upper
172 100
171 36.3 30.5 45.7
170 23.8 20.2 30.4

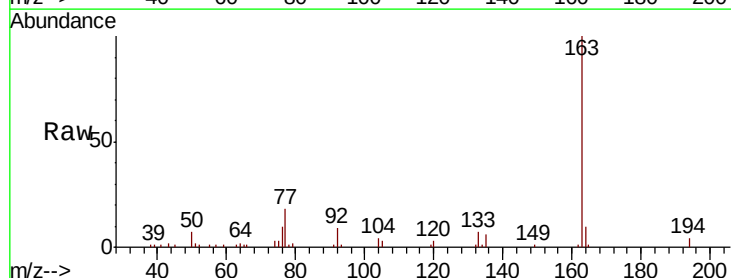


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

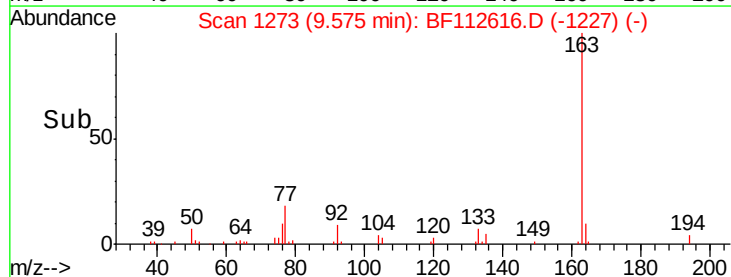
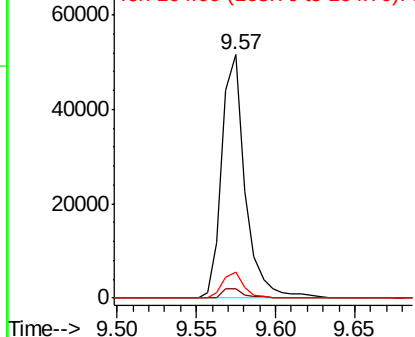


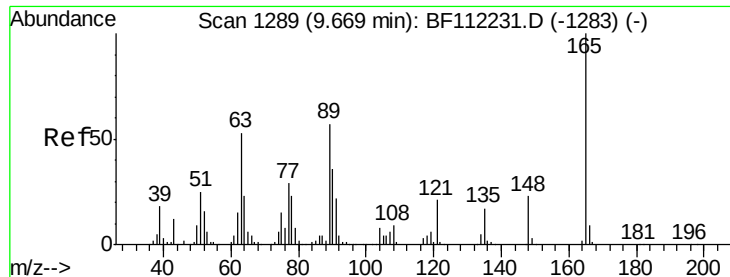
#50
Dimethylphthalate
Concen: 4.131 ng
RT: 9.57 min Scan# 1273
Delta R.T. -0.03 min
Lab File: BF112616.D
Acq: 19 Feb 2019 12:58

Tgt Ion:163 Resp: 52706
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 10.4 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: 7.618 ng

RT: 9.86 min Scan# 1321

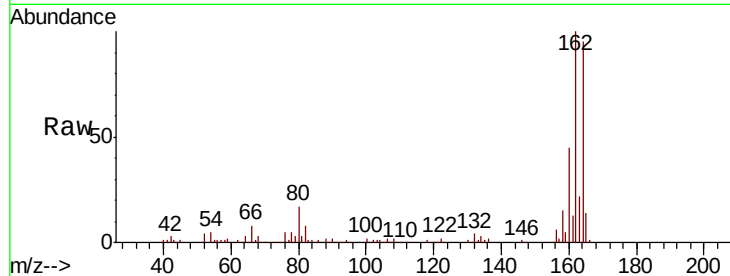
Delta R.T. 0.19 min

Lab File: BF112616.D

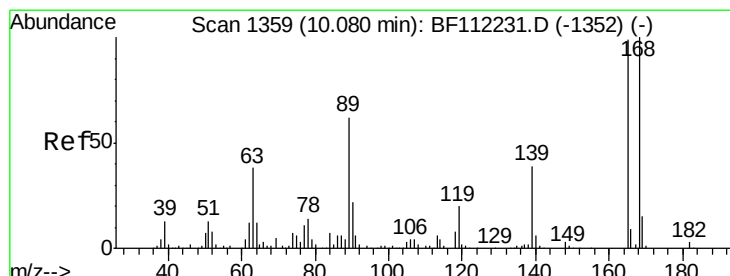
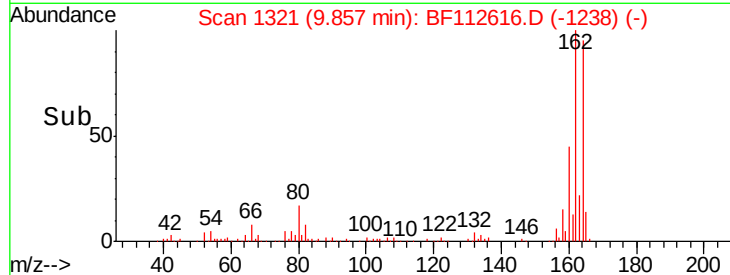
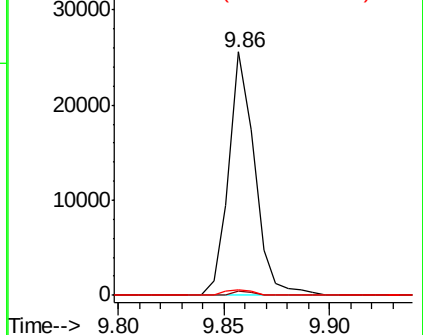
Acq: 19 Feb 2019 12:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165	Resp:	21765
Ion Ratio	Lower	Upper
165	100	
63	1.9	33.8 50.8#
89	2.1	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: 5.984 ng

RT: 9.86 min Scan# 1321

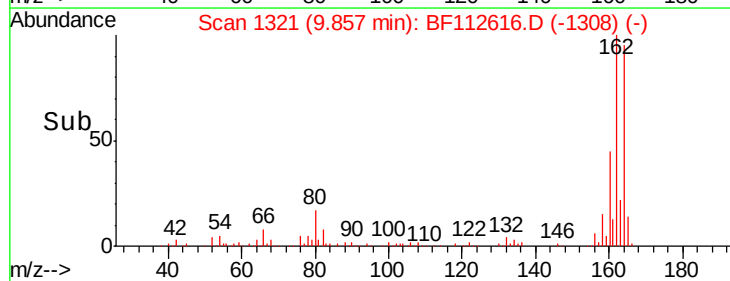
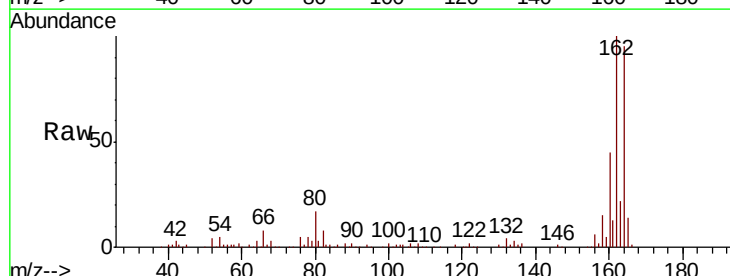
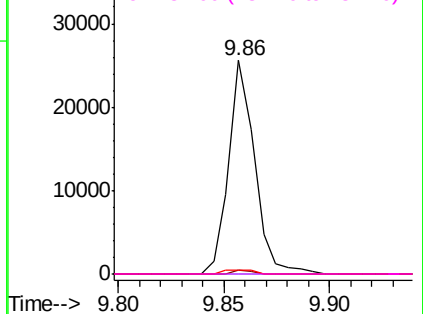
Delta R.T. -0.22 min

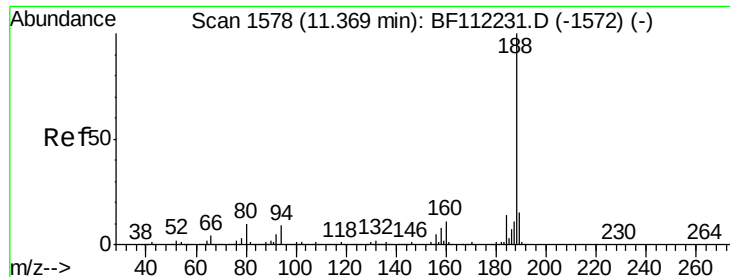
Lab File: BF112616.D

Acq: 19 Feb 2019 12:58

Tgt Ion:165	Resp:	21765
Ion Ratio	Lower	Upper
165	100	
63	1.9	27.9 41.9#
89	2.1	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: 11.35 min Scan# 1575

Delta R.T. -0.02 min

Lab File: BF112616.D

Acq: 19 Feb 2019 12:58

Instrument :

BNA_F

ClientSampleId :

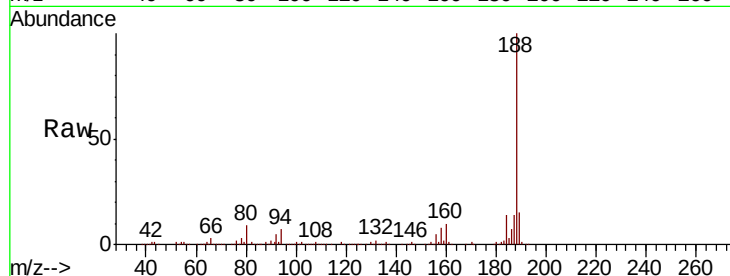
Tot Ion:188 Resp: 292870

Ion Ratio Lower Upper

188 100

94 7.4 8.2 12.2#

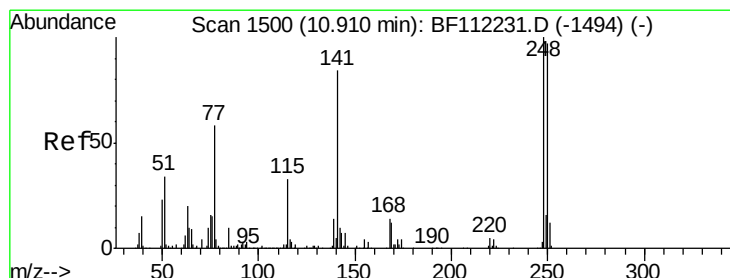
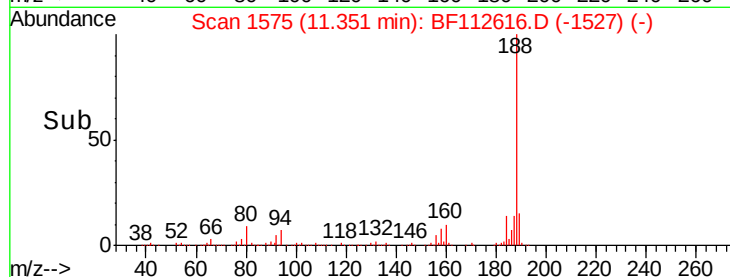
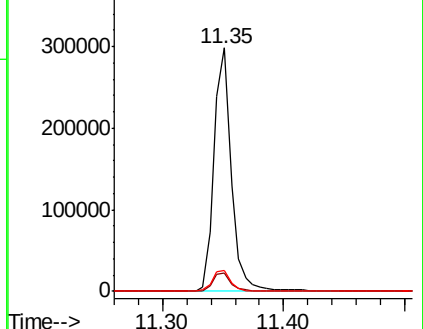
80 8.5 8.9 13.3#



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: 3.331 ng

RT: 10.66 min Scan# 1457

Delta R.T. -0.25 min

Lab File: BF112616.D

Acq: 19 Feb 2019 12:58

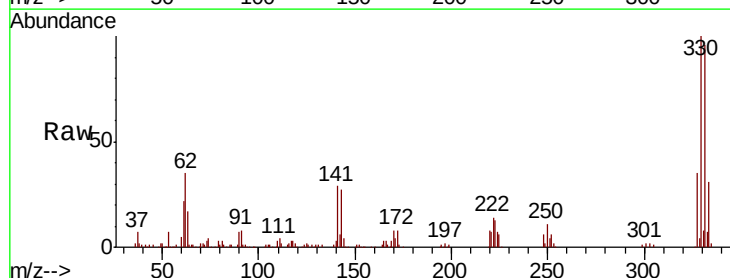
Tgt Ion:248 Resp: 11473

Ion Ratio Lower Upper

248 100

250 190.0 79.7 119.5#

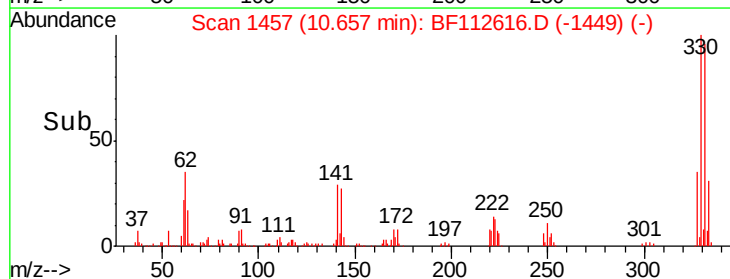
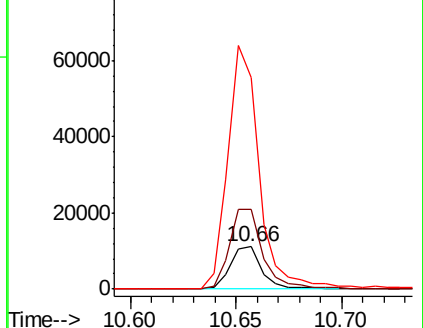
141 500.7 60.3 90.5#

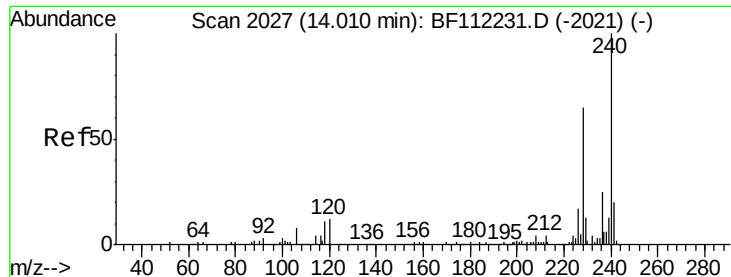


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

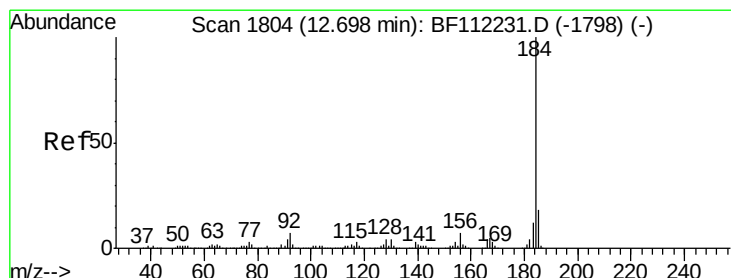
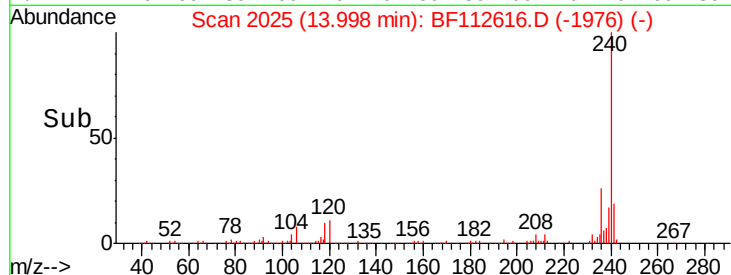
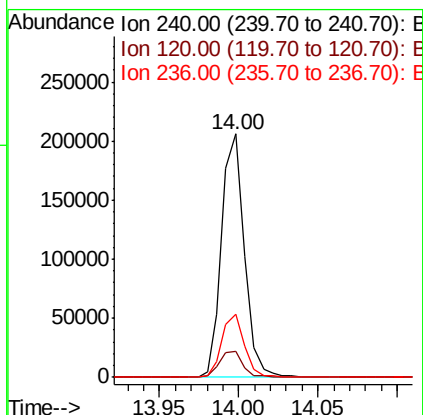
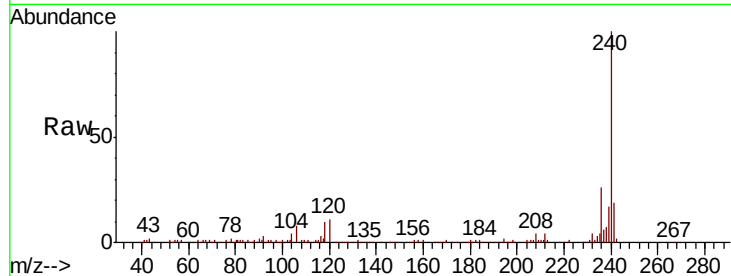




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF112616.D
Acq: 19 Feb 2019 12:58

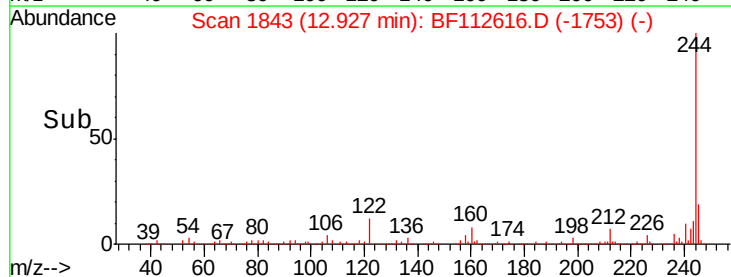
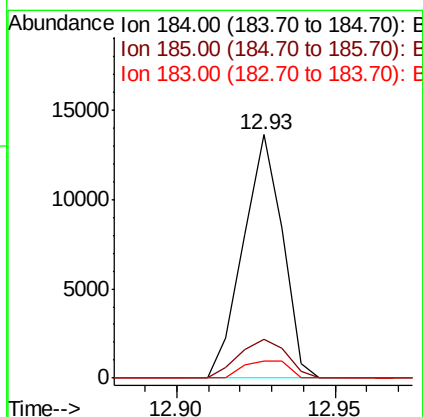
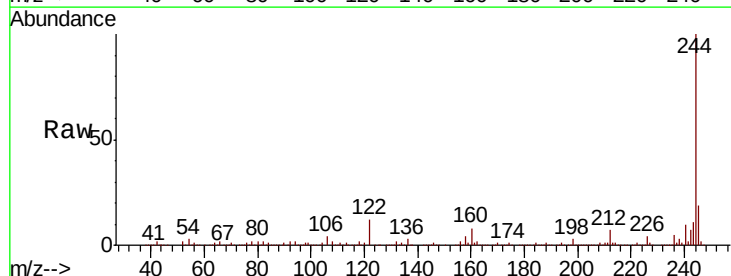
Instrument :
BNA_F
ClientSampleId :

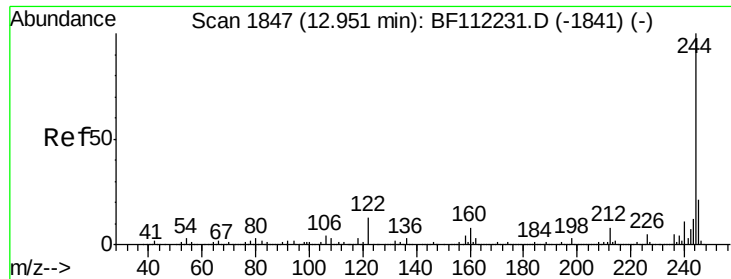
Tot Ion:240 Resp: 206670
Ion Ratio Lower Upper
240 100
120 10.5 9.0 13.6
236 25.9 20.7 31.1



#77
Benzidine
Concen: 2.056 ng
RT: 12.93 min Scan# 1843
Delta R.T. 0.23 min
Lab File: BF112616.D
Acq: 19 Feb 2019 12:58

Tgt Ion:184 Resp: 11696
Ion Ratio Lower Upper
184 100
185 16.1 13.9 20.9
183 7.0 10.0 15.0#





#79

Terphenyl-d14

Concen: 76.498 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.02 min

Lab File: BF112616.D

Acq: 19 Feb 2019 12:58

Instrument :

BNA_F

ClientSampleId :

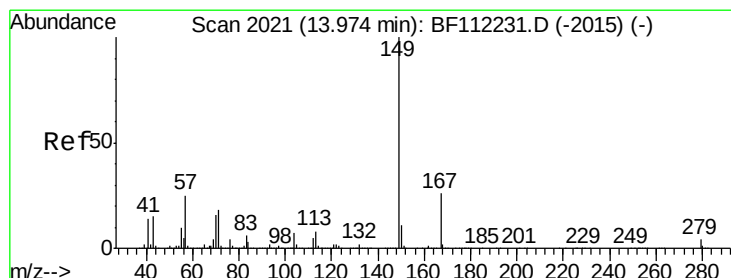
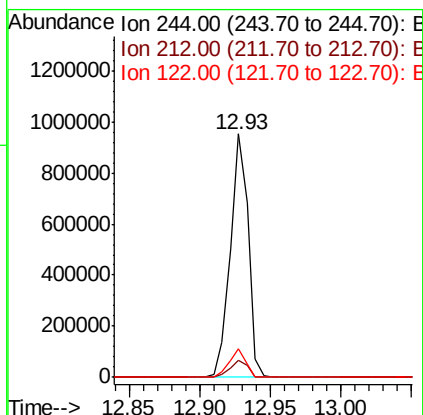
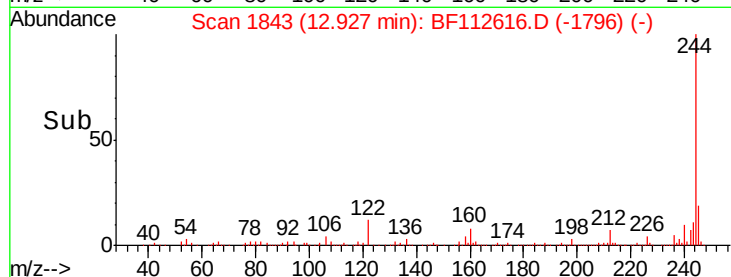
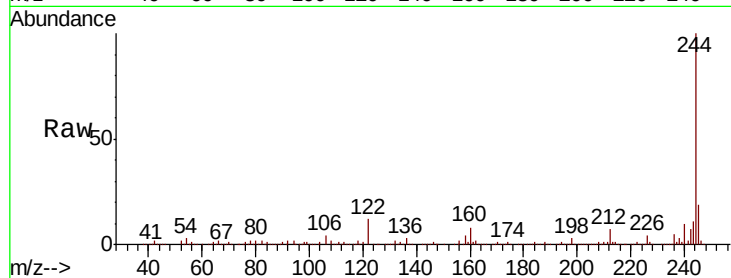
Tot Ion:244 Resp: 839413

Ion Ratio Lower Upper

244 100

212 7.1 5.9 8.9

122 12.0 9.8 14.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 65.786 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.02 min

Lab File: BF112616.D

Acq: 19 Feb 2019 12:58

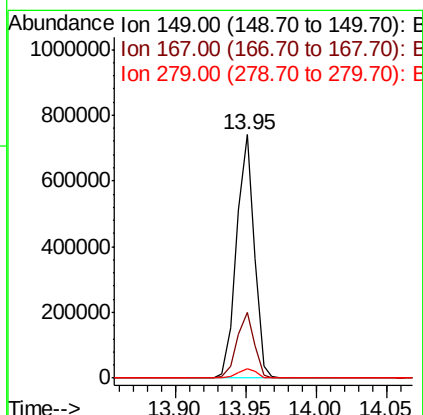
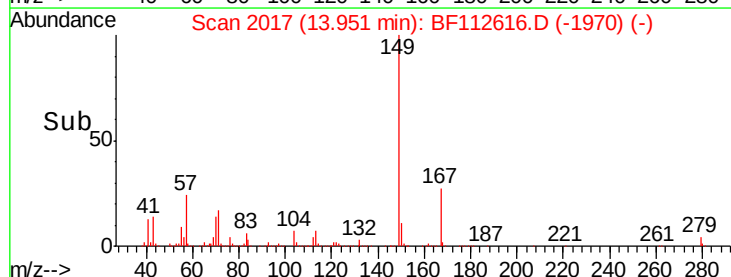
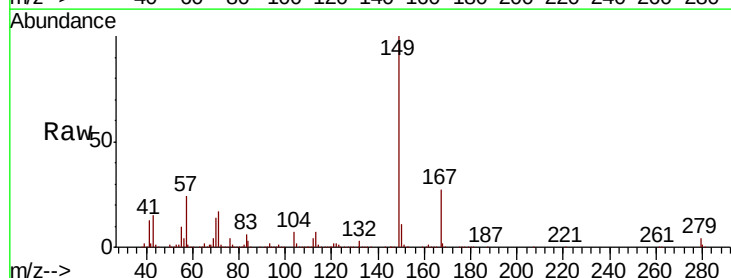
Tgt Ion:149 Resp: 646465

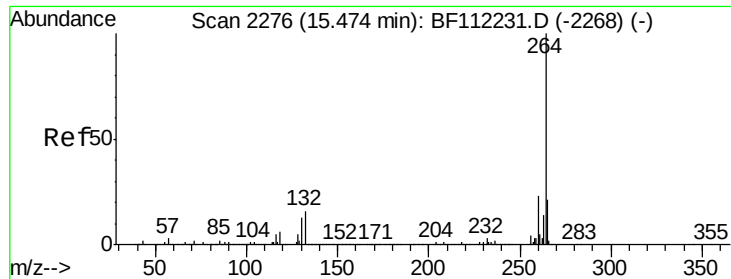
Ion Ratio Lower Upper

149 100

167 27.0 22.5 33.7

279 4.1 3.8 5.6





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BF112616.D
Acq: 19 Feb 2019 12:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	264	Resp:	209809
Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.2	27.2
265	21.5	17.0	25.4

