

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF012919\
 Data File : BF112301.D
 Acq On : 29 Jan 2019 18:01
 Operator : JU/SJ
 Sample : K1266-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 012519-TIPC-F-D-B

Quant Time: Jan 30 00:09:46 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

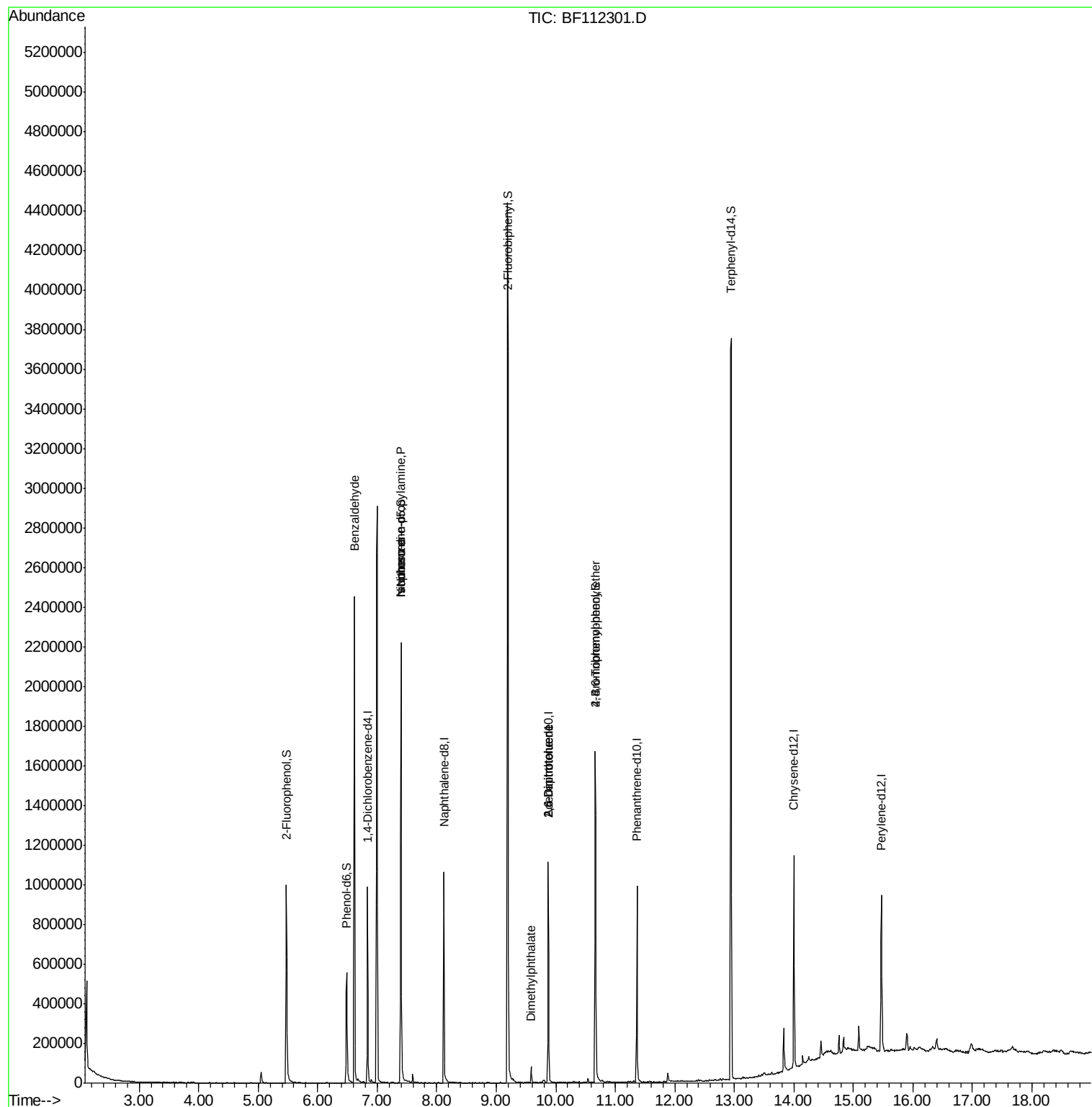
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	148887	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	522832	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	227398	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	401471	20.00	ng	0.00
76) Chrysene-d12	14.00	240	381497	20.00	ng	0.00
87) Perylene-d12	15.47	264	344863	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	309520	44.16	ng	0.00
7) Phenol-d6	6.49	99	218716	22.46	ng	0.00
23) Nitrobenzene-d5	7.40	82	826520	91.09	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	227022	85.77	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1514049	94.17	ng	-0.01
79) Terphenyl-d14	12.94	244	1341580	66.23	ng	0.00
Target Compounds						
9) Benzaldehyde	6.62	77	14120	2.774	ng	# 82
19) n-Nitroso-di-n-propylamine	7.40	70	111294	16.571	ng	# 76
25) Isophorone	7.40	82	822032	57.748	ng	# 63
50) Dimethylphthalate	9.59	163	36847	2.086	ng	# 98
51) 2,6-Dinitrotoluene	9.87	165	29542	7.466	ng	# 34
57) 2,4-Dinitrotoluene	9.87	165	29542	5.865	ng	# 31
67) 4-Bromophenyl-phenylether	10.66	248	13363	2.830	ng	# 1

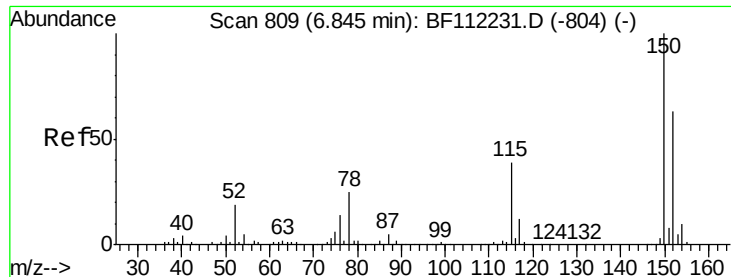
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF012919\
Data File : BF112301.D
Acq On : 29 Jan 2019 18:01
Operator : JU/SJ
Sample : K1266-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
012519-TIPC-F-D-B

Quant Time: Jan 30 00:09:46 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.84 min Scan# 808

Delta R.T. -0.01 min

Lab File: BF112301.D

Acq: 29 Jan 2019 18:01

Instrument :

BNA_F

ClientSampleId :

012519-TIPC-F-D-B

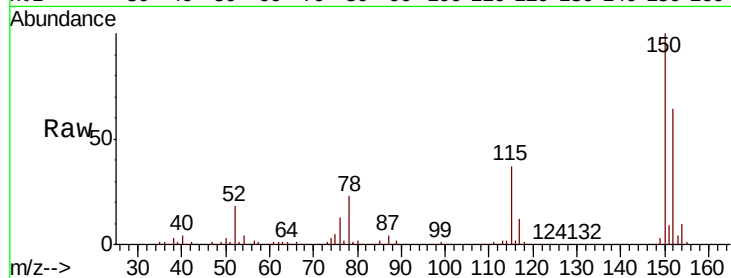
Tgt Ion:152 Resp: 148887

Ion Ratio Lower Upper

152 100

150 155.2 127.4 191.0

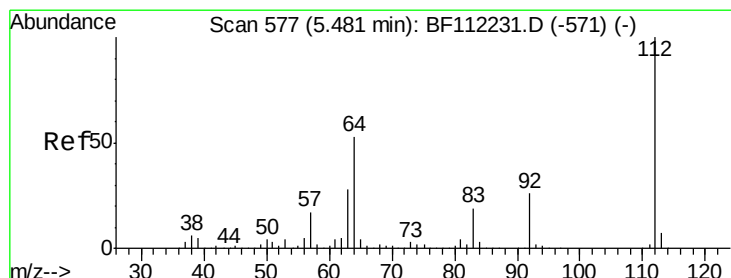
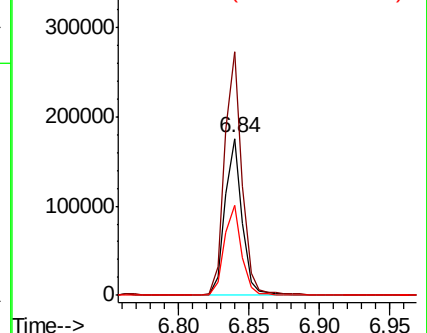
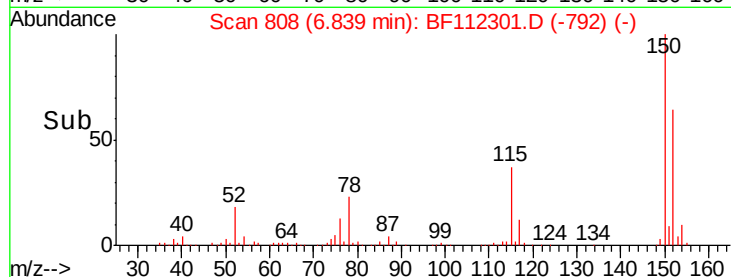
115 57.5 45.5 68.3



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: 44.157 ng

RT: 5.47 min Scan# 576

Delta R.T. -0.01 min

Lab File: BF112301.D

Acq: 29 Jan 2019 18:01

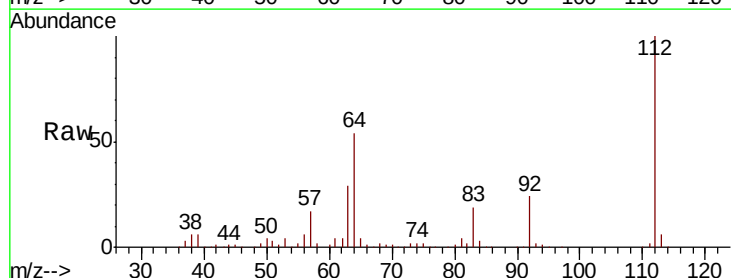
Tgt Ion:112 Resp: 309520

Ion Ratio Lower Upper

112 100

64 53.9 45.7 68.5

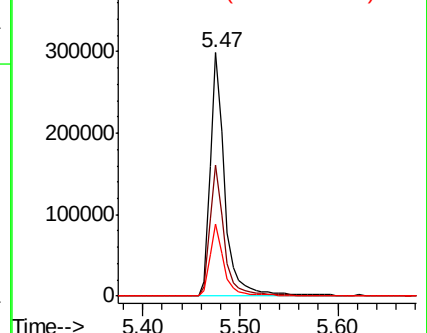
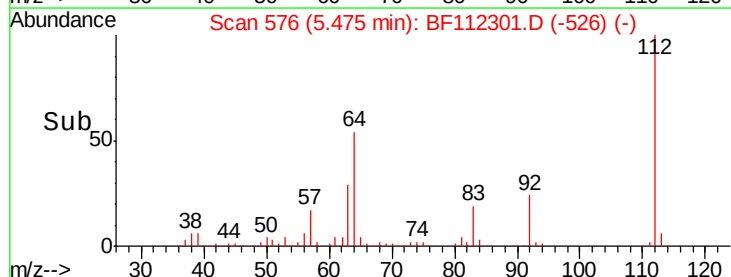
63 29.4 23.6 35.4

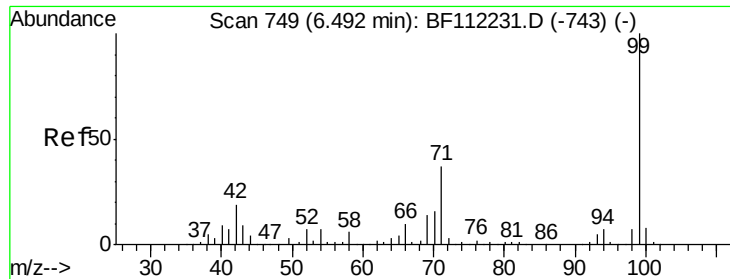


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 22.455 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112301.D

Acq: 29 Jan 2019 18:01

Instrument :

BNA_F

ClientSampleId :

012519-TIPC-F-D-B

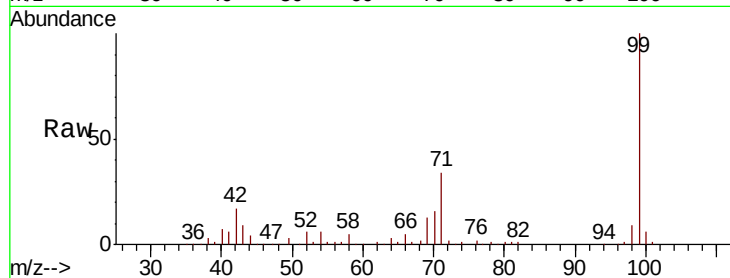
Tgt Ion: 99 Resp: 218716

Ion Ratio Lower Upper

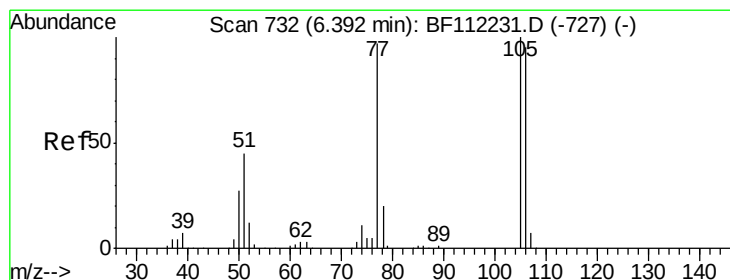
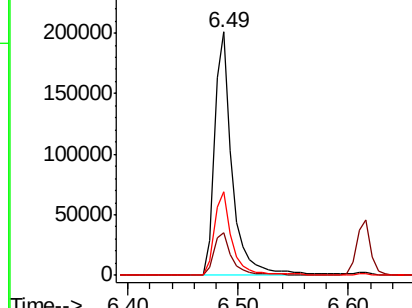
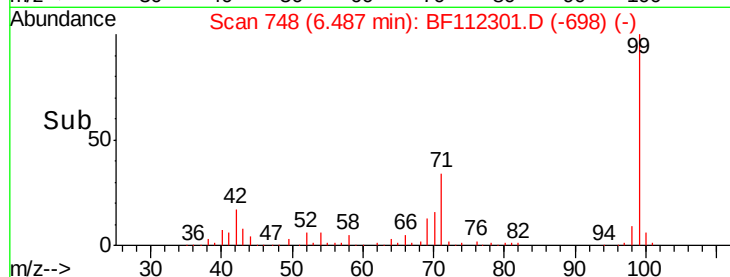
99 100

42 17.4 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



#9

Benzaldehyde

Concen: 2.774 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.22 min

Lab File: BF112301.D

Acq: 29 Jan 2019 18:01

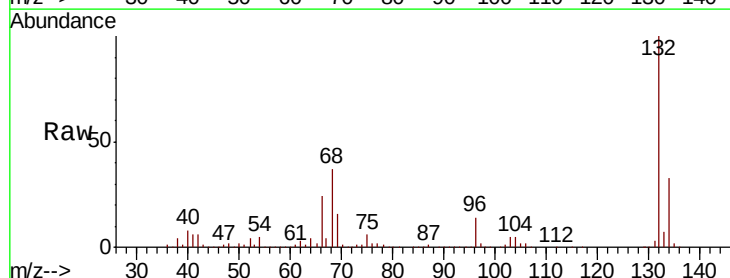
Tgt Ion: 77 Resp: 14120

Ion Ratio Lower Upper

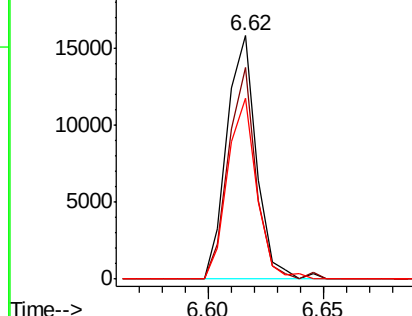
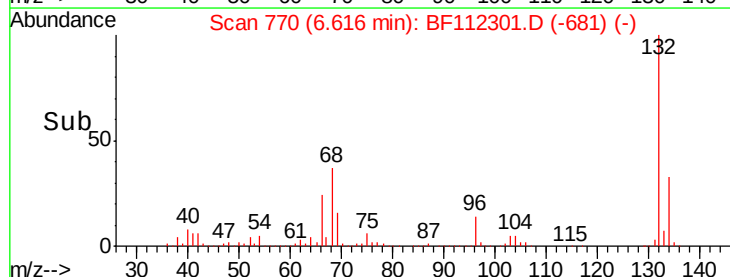
77 100

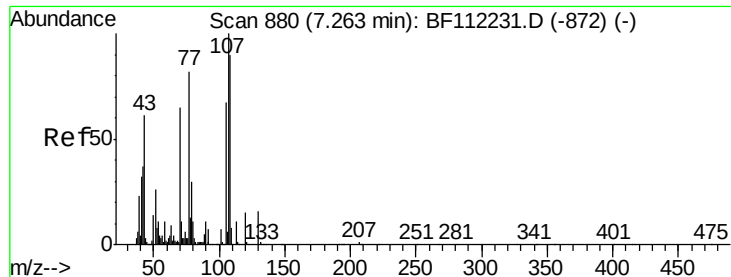
105 86.7 80.8 120.8

106 74.2 75.7 115.7#



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E

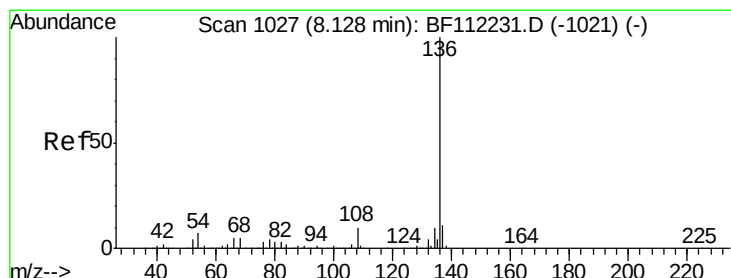
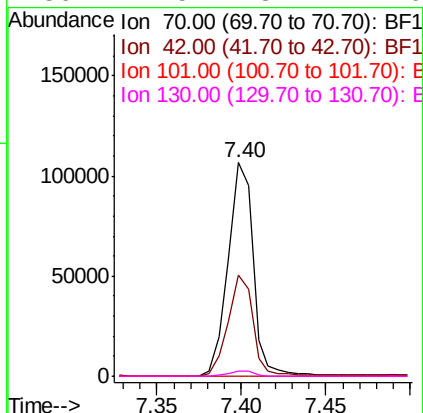
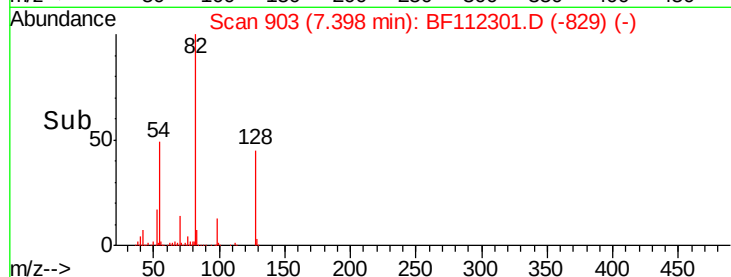
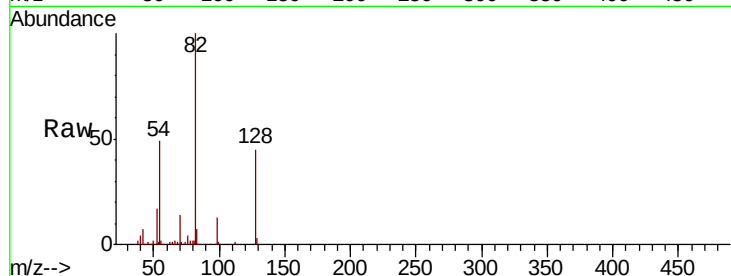




#19
n-Nitroso-di-n-propylamine
Concen: 16.571 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.14 min
Lab File: BF112301.D
Acq: 29 Jan 2019 18:01

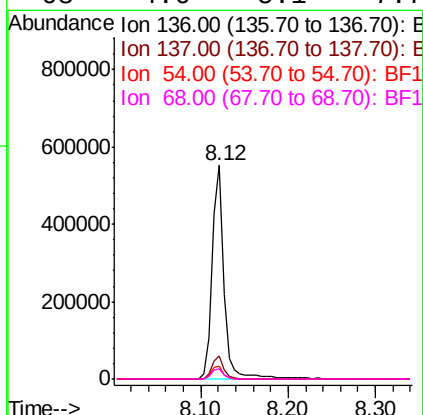
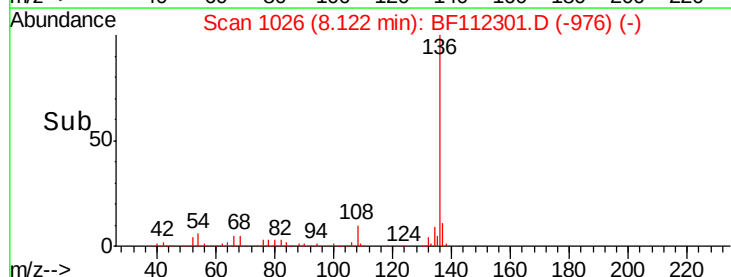
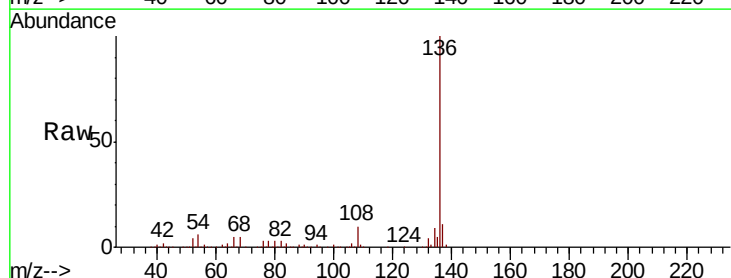
Instrument :
BNA_F
ClientSampleId :
012519-TIPC-F-D-B

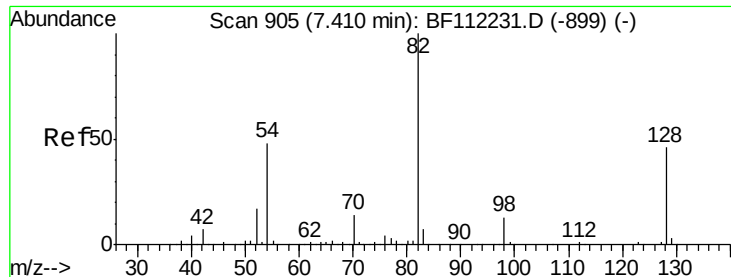
Tgt Ion:	70	Resp:	111294
Ion	Ratio	Lower	Upper
70	100		
42	47.2	47.6	71.4#
101	0.0	7.9	11.9#
130	2.5	18.4	27.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF112301.D
Acq: 29 Jan 2019 18:01

Tgt Ion:	136	Resp:	522832
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	6.2	5.9	8.9
68	4.6	5.1	7.7#

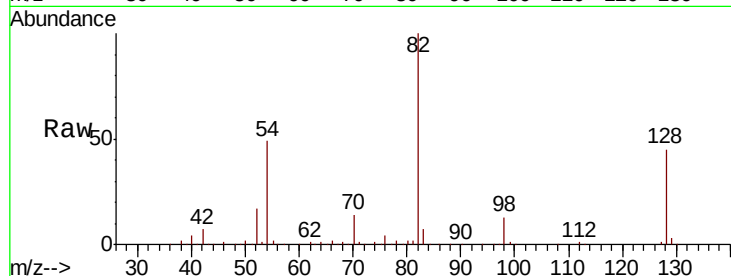




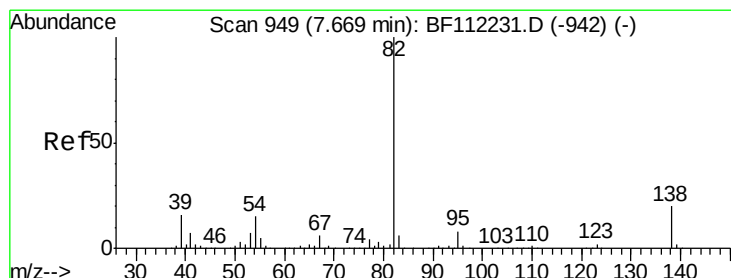
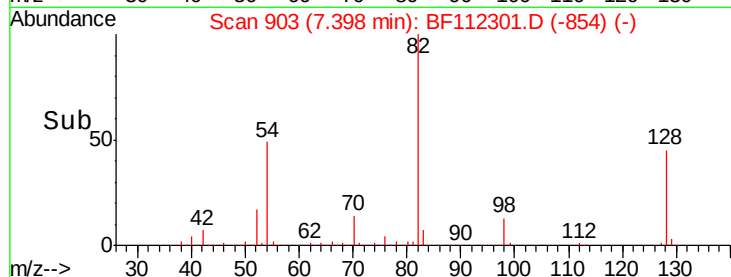
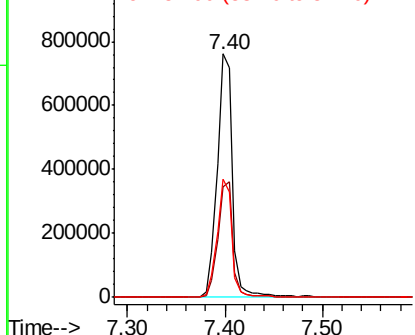
#23
 Nitrobenzene-d5
 Concen: 91.088 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF112301.D
 Acq: 29 Jan 2019 18:01

Instrument :
 BNA_F
 ClientSampleId :
 012519-TIPC-F-D-B

Tgt Ion: 82 Resp: 826520
 Ion Ratio Lower Upper
 82 100
 128 45.4 37.8 56.8
 54 48.7 39.7 59.5

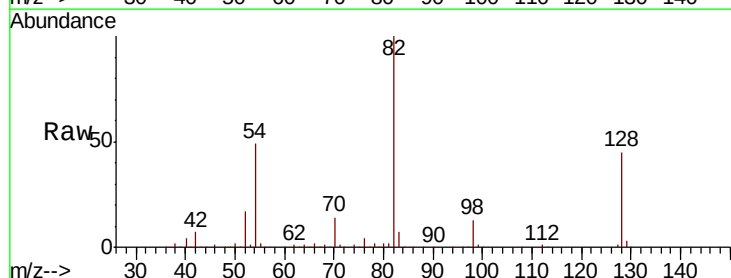


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

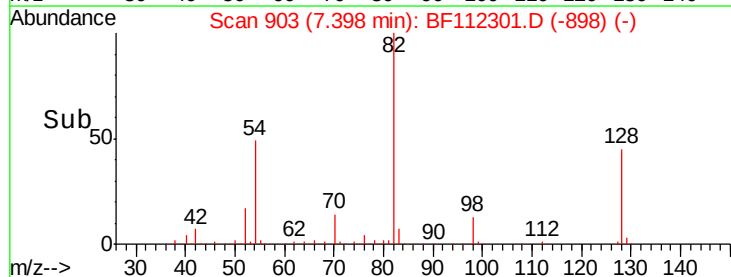
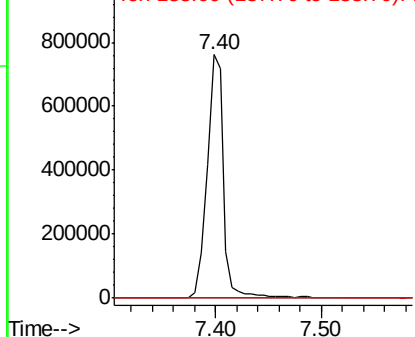


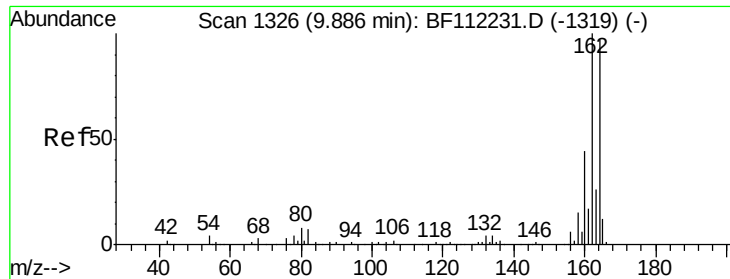
#25
 Isophorone
 Concen: 57.748 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.27 min
 Lab File: BF112301.D
 Acq: 29 Jan 2019 18:01

Tgt Ion: 82 Resp: 822032
 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

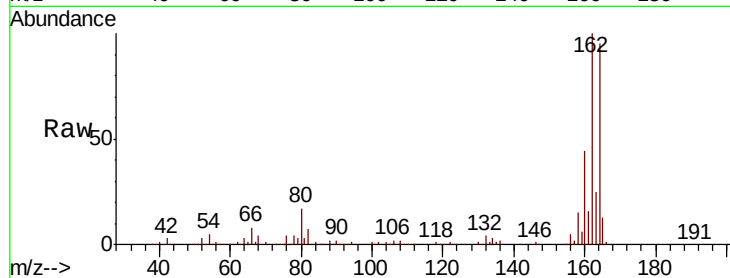




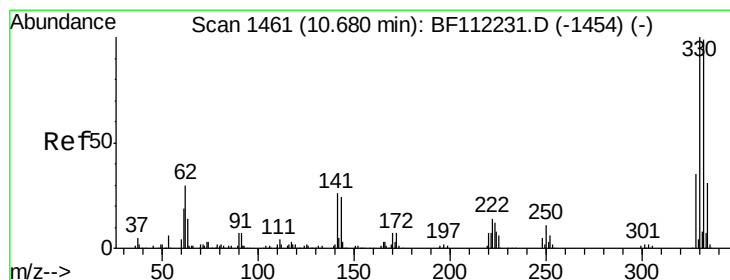
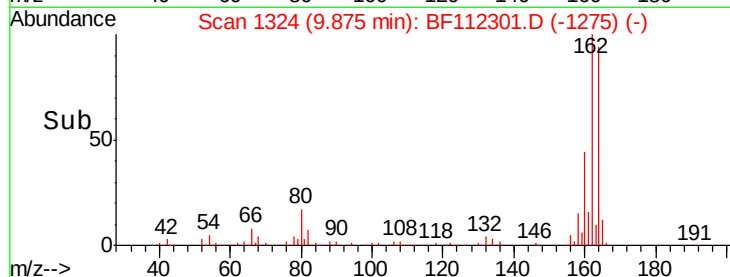
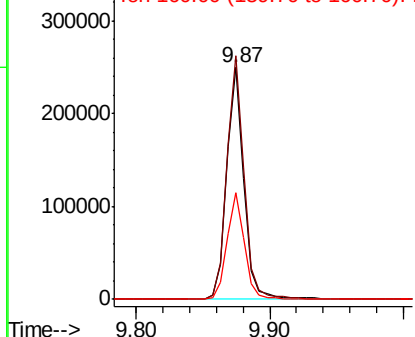
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF112301.D
Acq: 29 Jan 2019 18:01

Instrument :
BNA_F
ClientSampleId :
012519-TIPC-F-D-B

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.1	82.2	123.4
160	46.2	36.2	54.4

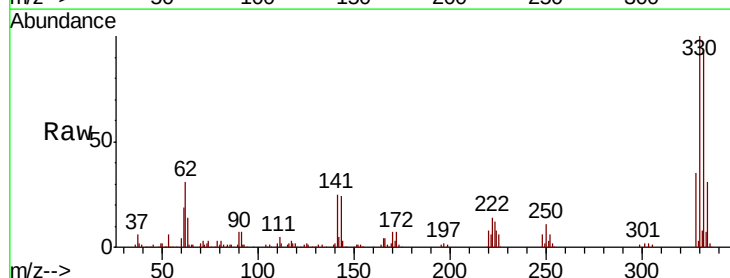


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

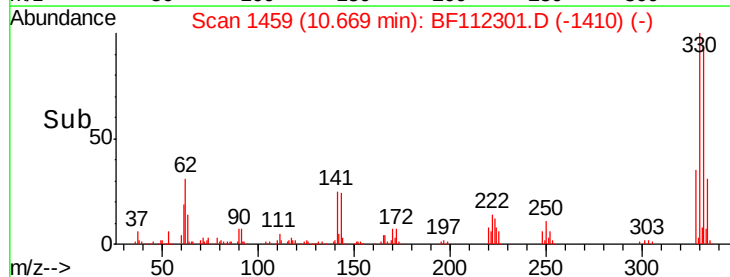
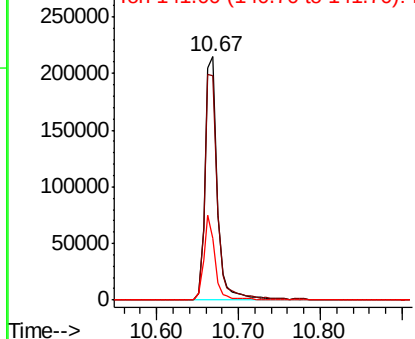


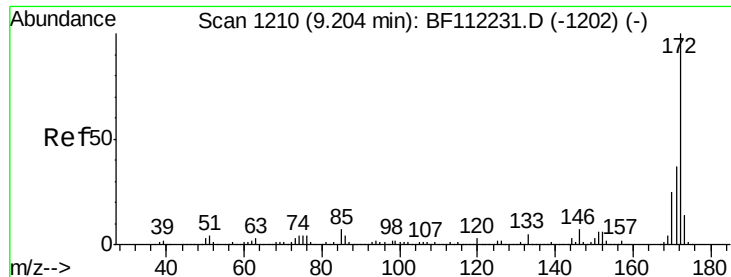
#42
2,4,6-Tribromophenol
Concen: 85.771 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF112301.D
Acq: 29 Jan 2019 18:01

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.0	76.6	114.8
141	32.1	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

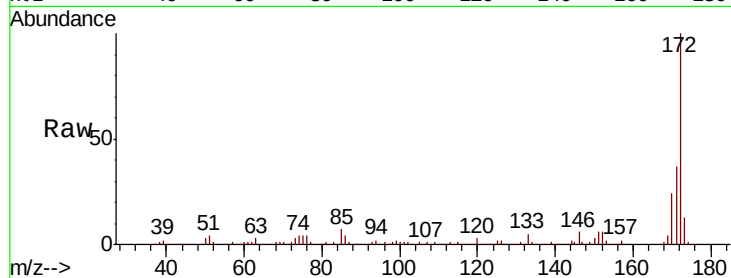




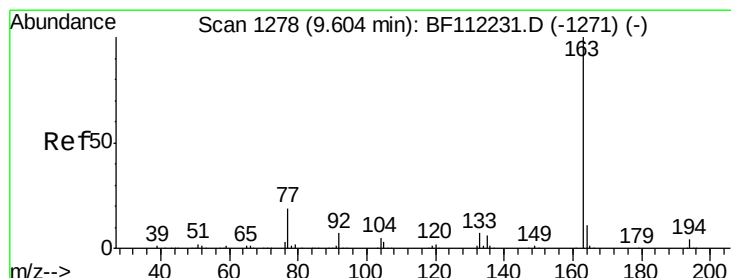
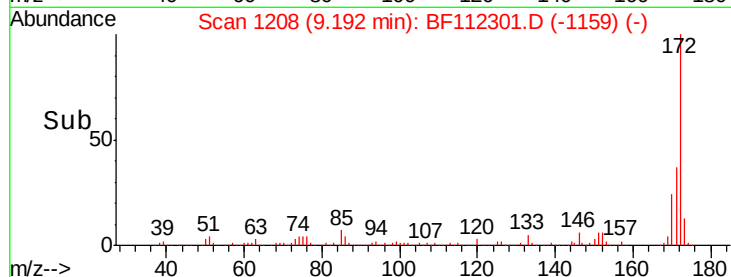
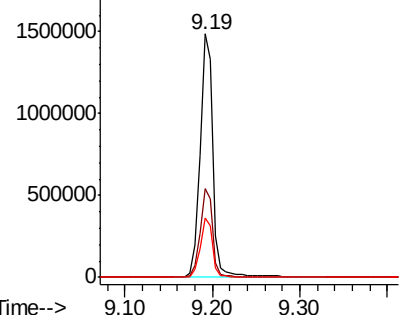
#45
2-Fluorobiphenyl
Concen: 94.169 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF112301.D
Acq: 29 Jan 2019 18:01

Instrument :
BNA_F
ClientSampleId :
012519-TIPC-F-D-B

Tgt Ion:172 Resp: 1514049
Ion Ratio Lower Upper
172 100
171 36.5 30.5 45.7
170 24.1 20.2 30.4

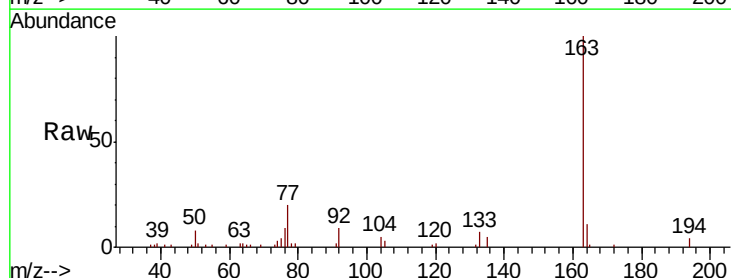


Abundance Ion 172.00 (171.70 to 172.70): E
2000000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

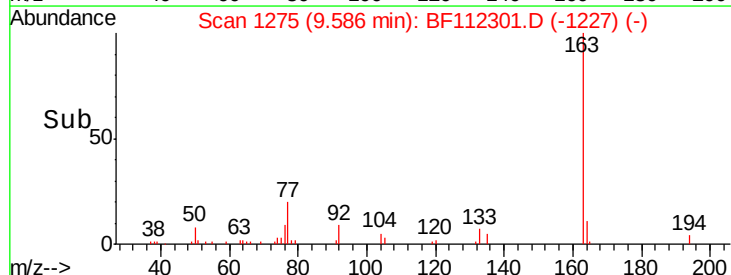
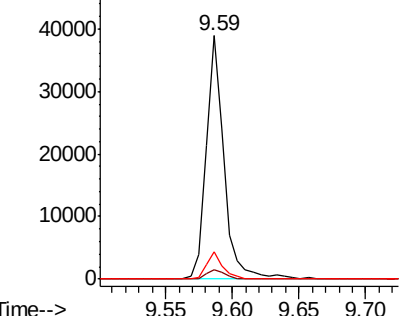


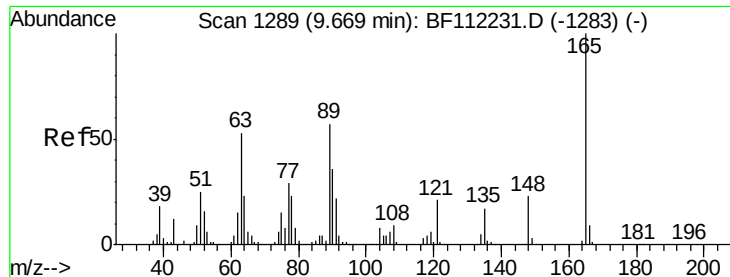
#50
Dimethylphthalate
Concen: 2.086 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BF112301.D
Acq: 29 Jan 2019 18:01

Tgt Ion:163 Resp: 36847
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 11.4 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E
50000 Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 7.466 ng

RT: 9.87 min Scan# 1324

Delta R.T. 0.21 min

Lab File: BF112301.D

Acq: 29 Jan 2019 18:01

Instrument :

BNA_F

ClientSampleId :

012519-TIPC-F-D-B

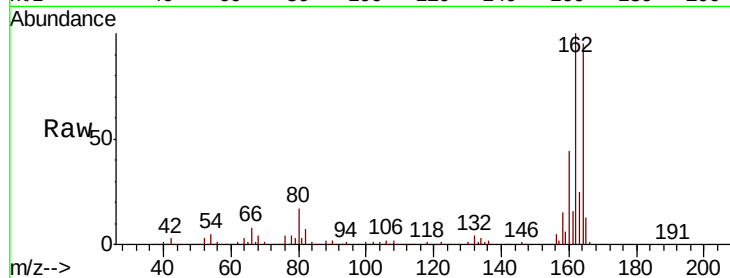
Tgt Ion:165 Resp: 29542

Ion Ratio Lower Upper

165 100

63 1.2 33.8 50.8#

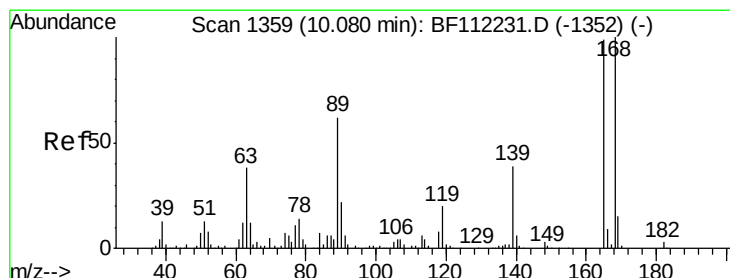
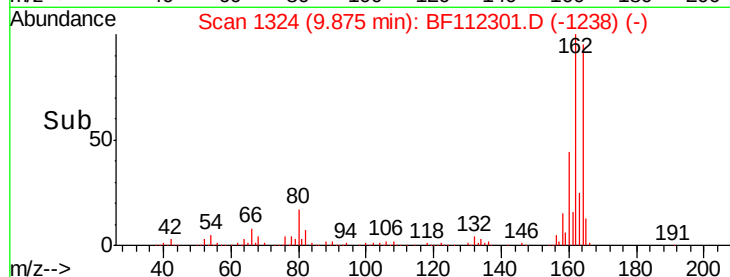
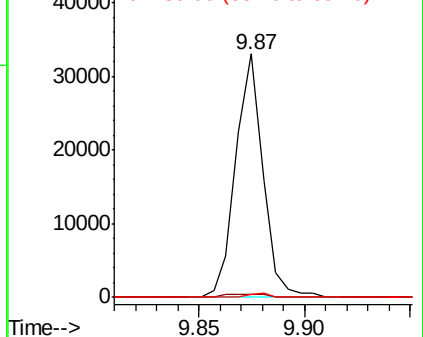
89 1.2 36.9 55.3#



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: 5.865 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.21 min

Lab File: BF112301.D

Acq: 29 Jan 2019 18:01

Tgt Ion:165 Resp: 29542

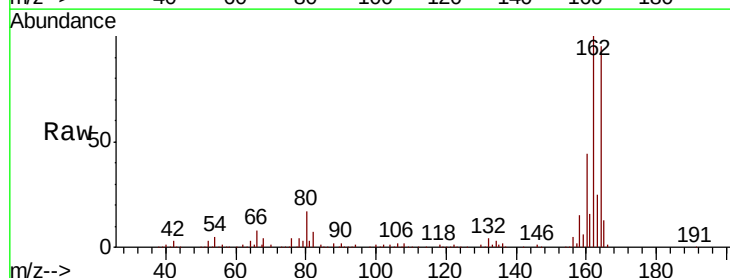
Ion Ratio Lower Upper

165 100

63 1.2 27.9 41.9#

89 1.2 47.9 71.9#

182 0.0 2.2 3.4#

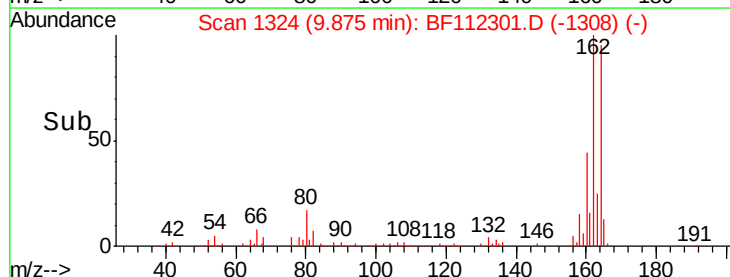
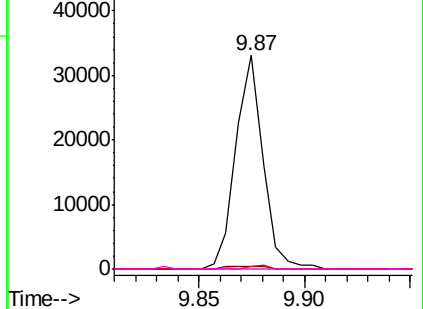


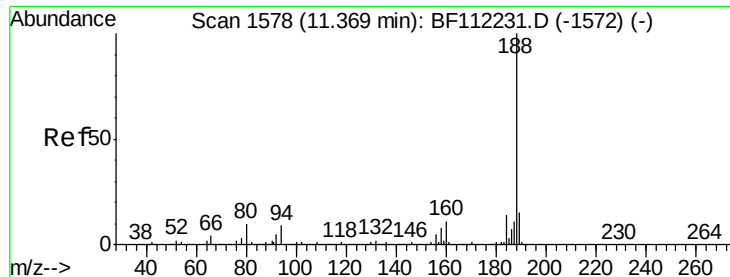
Abundance Ion 165.00 (164.70 to 165.70): E

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: BF112301.D

Acq: 29 Jan 2019 18:01

Instrument :

BNA_F

ClientSampleId :

012519-TIPC-F-D-B

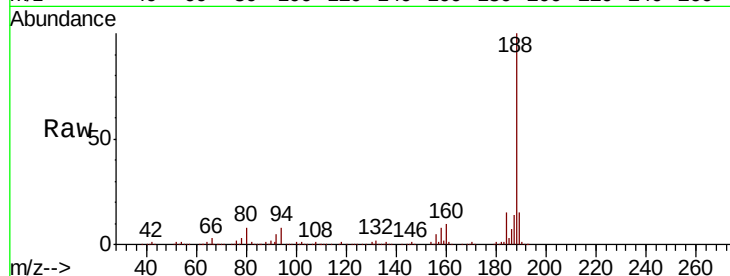
Tgt Ion:188 Resp: 401471

Ion Ratio Lower Upper

188 100

94 7.5 8.2 12.2#

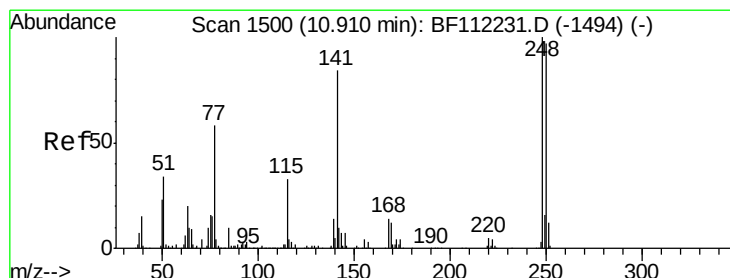
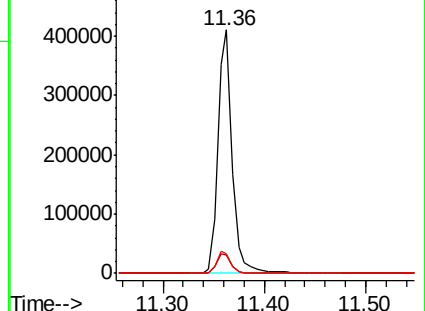
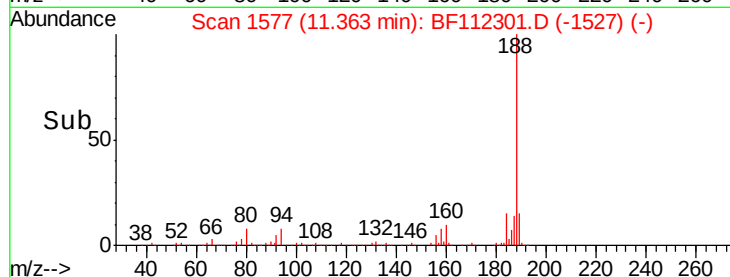
80 8.3 8.9 13.3#



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: 2.830 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.25 min

Lab File: BF112301.D

Acq: 29 Jan 2019 18:01

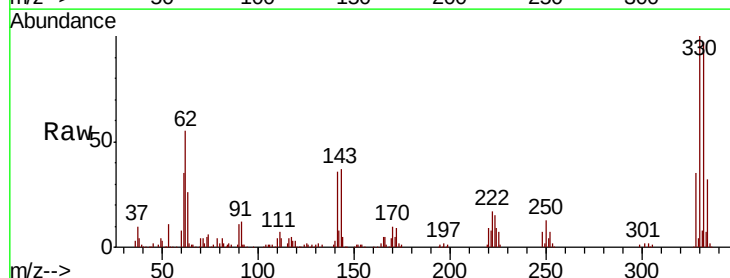
Tgt Ion:248 Resp: 13363

Ion Ratio Lower Upper

248 100

250 188.4 79.7 119.5#

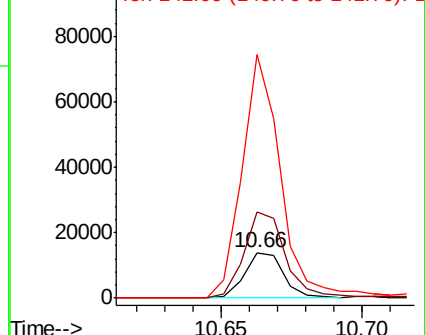
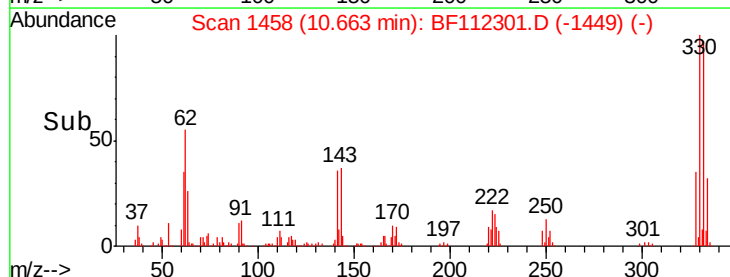
141 535.9 60.3 90.5#

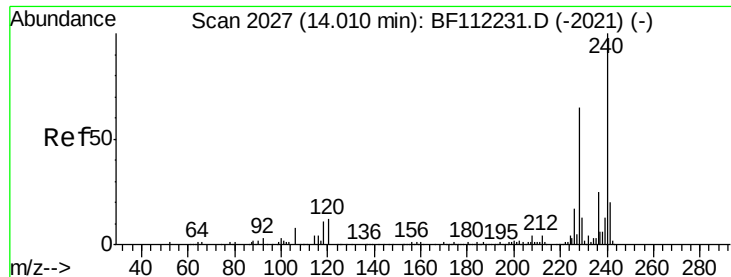


Abundance Ion 248.00 (247.70 to 248.70): E

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# 2026

Delta R.T. -0.01 min

Lab File: BF112301.D

Acq: 29 Jan 2019 18:01

Instrument :

BNA_F

ClientSampleId :

012519-TIPC-F-D-B

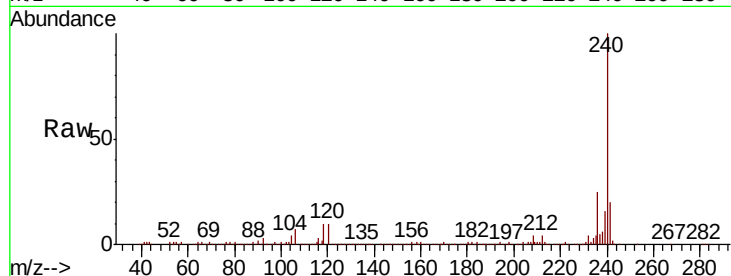
Tgt Ion:240 Resp: 381497

Ion Ratio Lower Upper

240 100

120 10.3 9.0 13.6

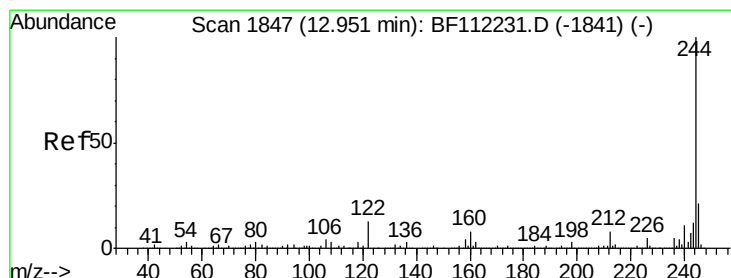
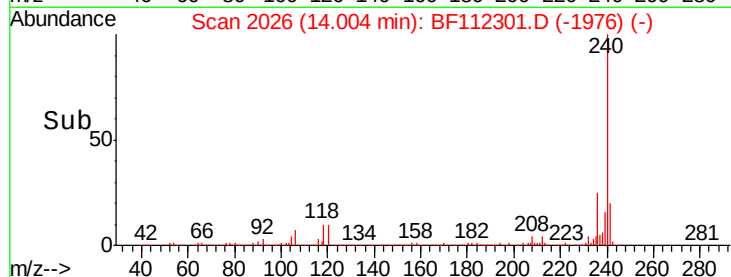
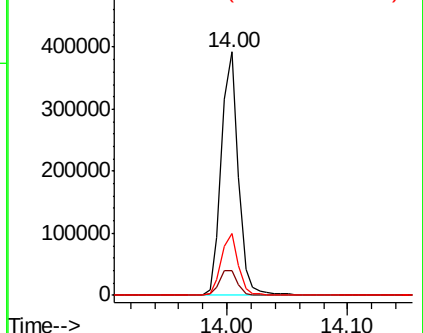
236 25.2 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#79

Terphenyl-d14

Concen: 66.234 ng

RT: 12.94 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BF112301.D

Acq: 29 Jan 2019 18:01

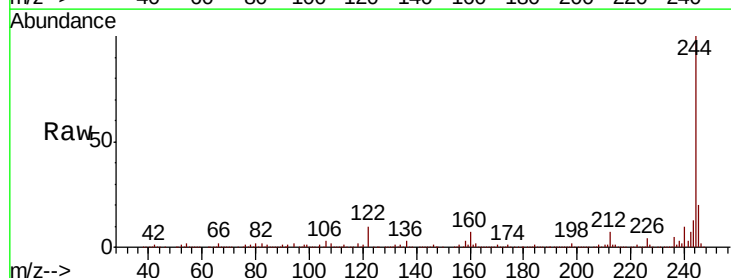
Tgt Ion:244 Resp: 1341580

Ion Ratio Lower Upper

244 100

212 6.5 5.9 8.9

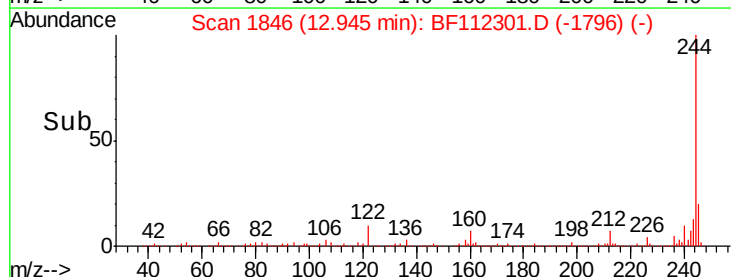
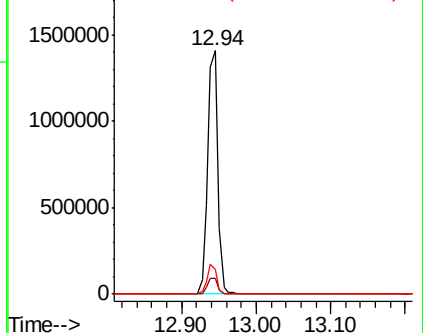
122 9.9 9.8 14.6

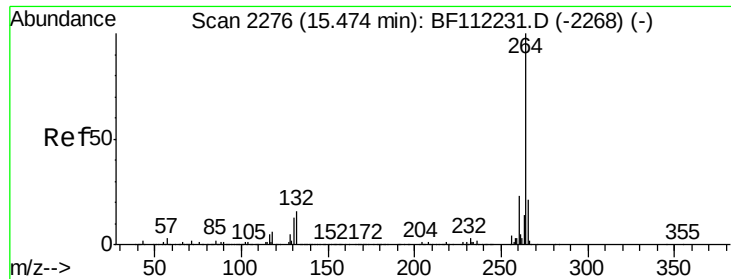


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BF112301.D
Acq: 29 Jan 2019 18:01

Instrument :
BNA_F
ClientSampleId :
012519-TIPC-F-D-B

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.2	27.2
265	22.4	17.0	25.4

