

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040618\
 Data File : BF104316.D
 Acq On : 6 Apr 2018 20:10
 Operator : JU/SJ
 Sample : J2214-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 06 23:10:47 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 06 16:44:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	145103	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	582479	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	257029	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	406568	20.00	ng	0.00
75) Chrysene-d12	13.97	240	296980	20.00	ng	0.00
86) Perylene-d12	15.43	264	284045	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.42	112	1119364	117.96	ng	0.01
7) Phenol-d6	6.43	99	1399737	120.05	ng	0.00
23) Nitrobenzene-d5	7.37	82	845221	94.75	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	310545	116.47	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1462737	89.90	ng	0.00
78) Terphenyl-d14	12.92	244	1111608	85.33	ng	0.00

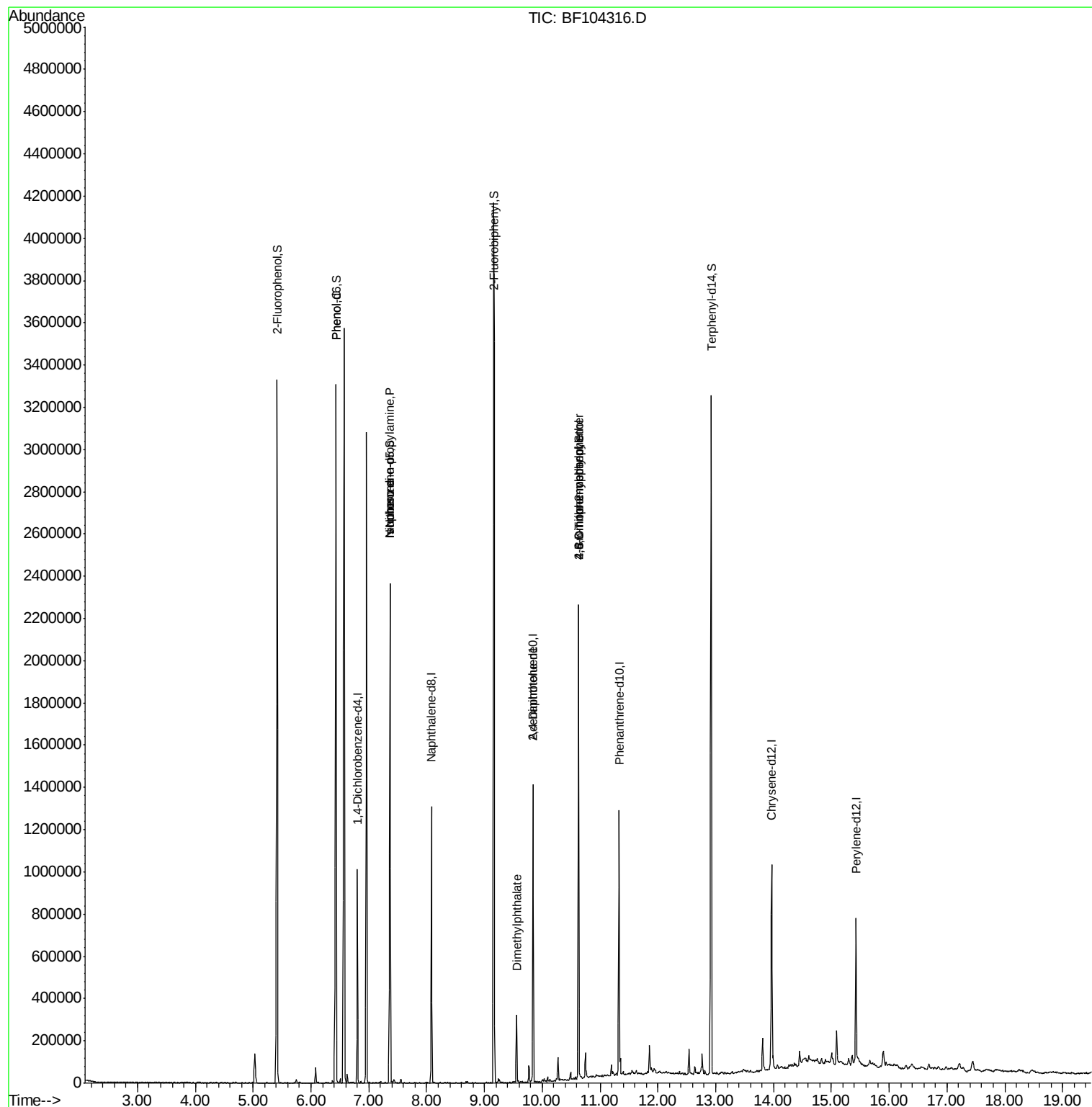
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.44	77	2935	Below Cal		# 1
10) Phenol	6.44	94	61697	4.987	ng	# 70
19) n-Nitroso-di-n-propylamine	7.37	70	112574	14.775	ng	# 75
25) Isophorone	7.37	82	844525	44.771	ng	# 64
49) Dimethylphthalate	9.56	163	126457	6.239	ng	# 99
56) 2,4-Dinitrotoluene	9.84	165	33698	6.850	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.63	198	634	7.618	ng	# 1
66) 4-Bromophenyl-phenylether	10.63	248	18577	4.296	ng	# 1
76) Benzidine	12.92	184	14721	Below Cal		# 97

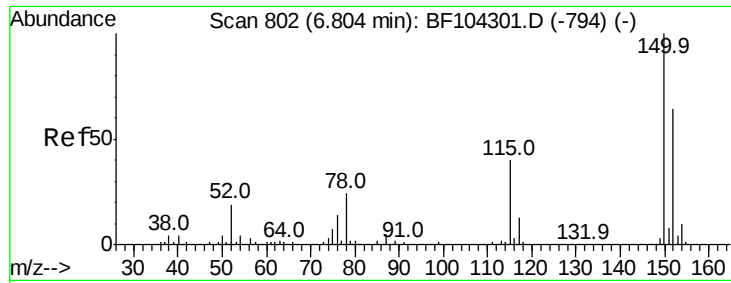
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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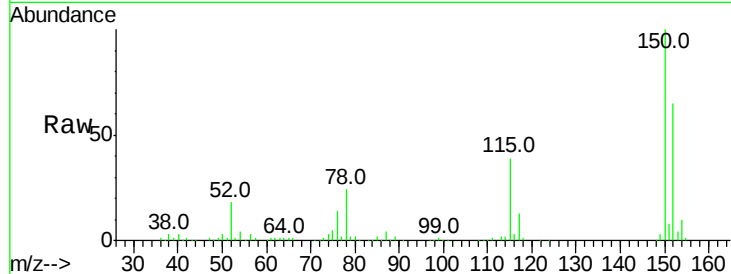


#1

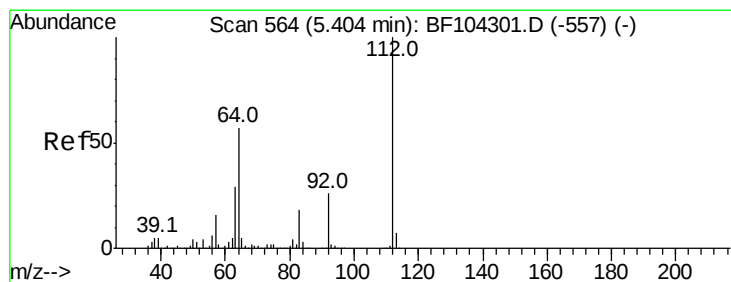
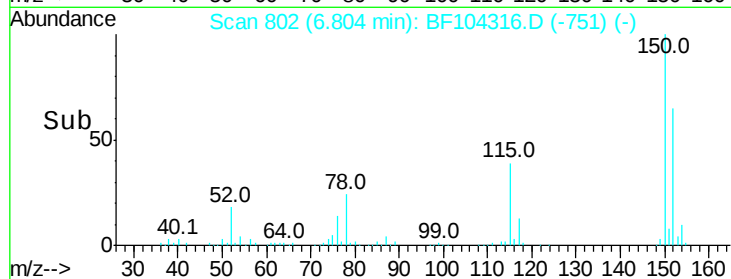
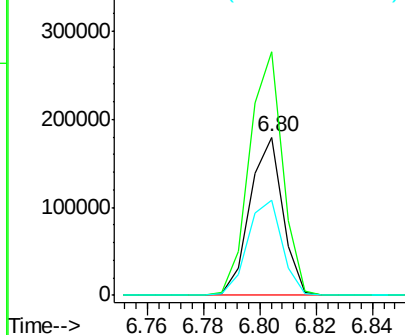
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF104316.D
Acq: 6 Apr 2018 20:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 145103
Ion Ratio Lower Upper
152 100
150 154.0 124.6 186.8
115 59.8 50.1 75.1



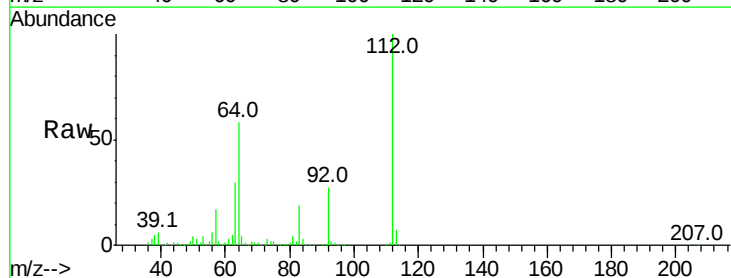
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



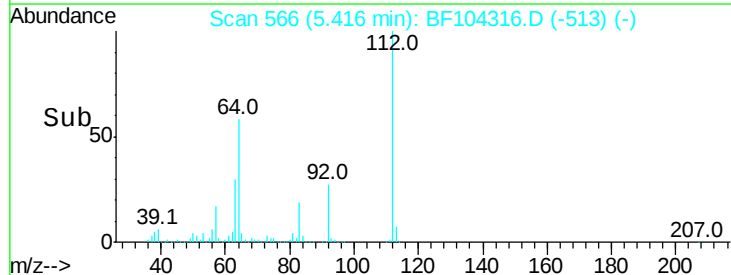
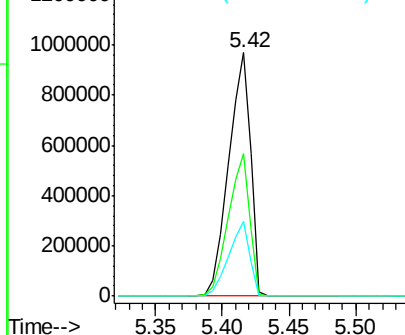
#5

2-Fluorophenol
Concen: 117.956 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF104316.D
Acq: 6 Apr 2018 20:10

Tgt Ion:112 Resp: 1119364
Ion Ratio Lower Upper
112 100
64 58.3 47.9 71.9
63 30.5 23.7 35.5



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: 120.048 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.01 min

Lab File: BF104316.D

Acq: 6 Apr 2018 20:10

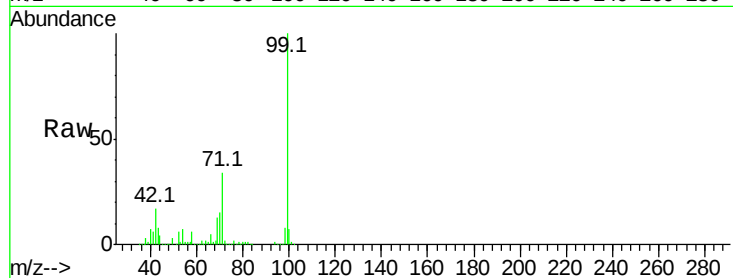
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1399737

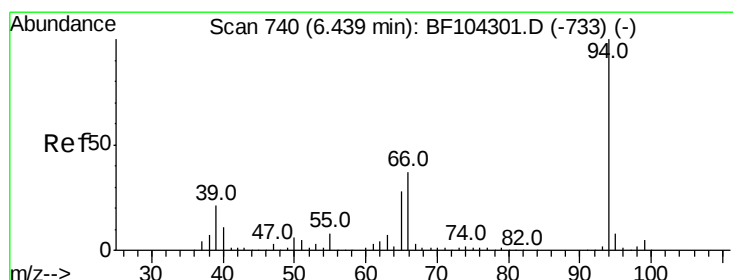
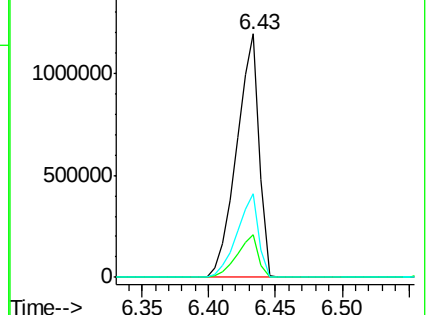
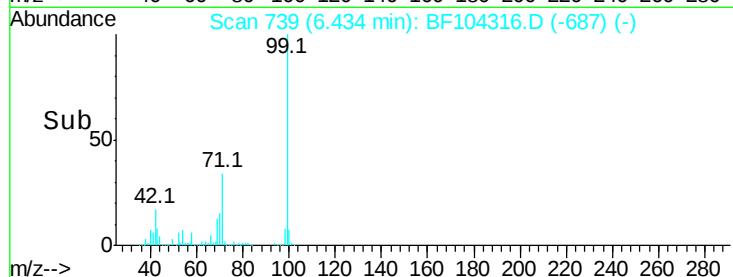
Ion	Ratio	Lower	Upper
99	100		
42	17.3	14.5	21.7
71	34.3	25.4	38.0



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: 4.987 ng

RT: 6.44 min Scan# 740

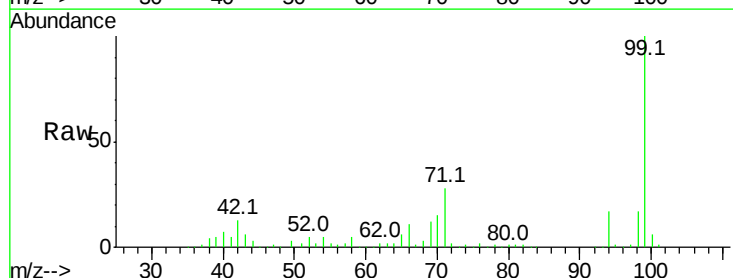
Delta R.T. 0.00 min

Lab File: BF104316.D

Acq: 6 Apr 2018 20:10

Tgt Ion: 94 Resp: 61697

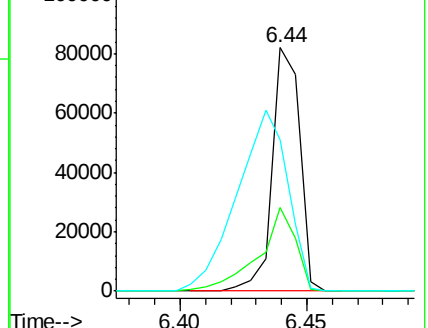
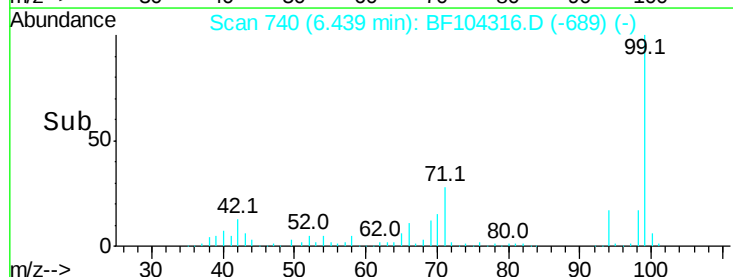
Ion	Ratio	Lower	Upper
94	100		
65	34.1	7.9	47.9
66	62.0	16.2	56.2



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: 14.775 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.15 min

Lab File: BF104316.D

Acq: 6 Apr 2018 20:10

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 112574

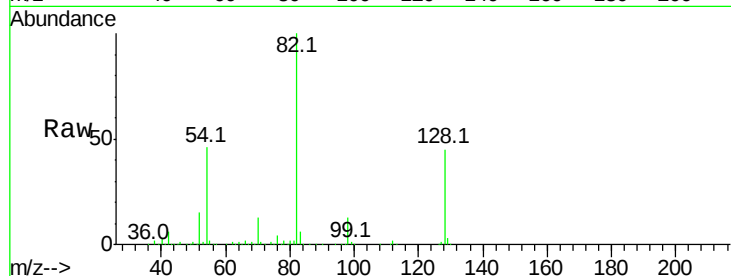
Ion Ratio Lower Upper

70 100

42 44.6 47.5 71.3#

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#

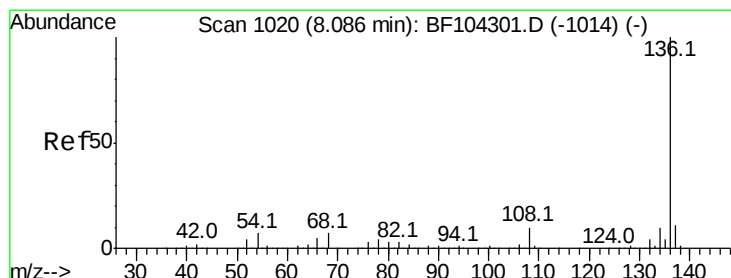
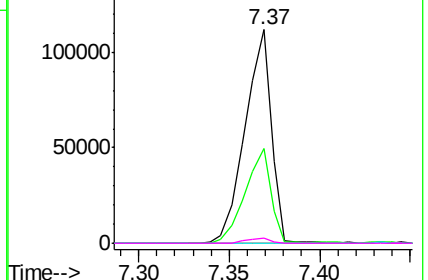
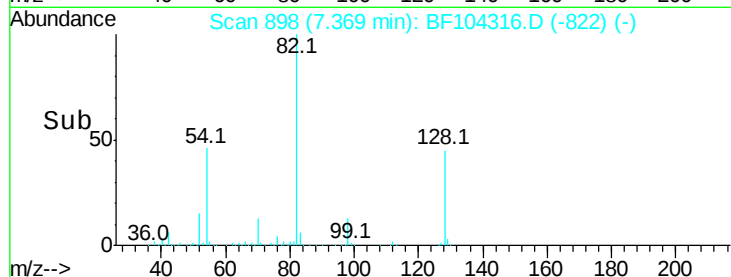


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1020

Delta R.T. 0.00 min

Lab File: BF104316.D

Acq: 6 Apr 2018 20:10

Tgt Ion:136 Resp: 582479

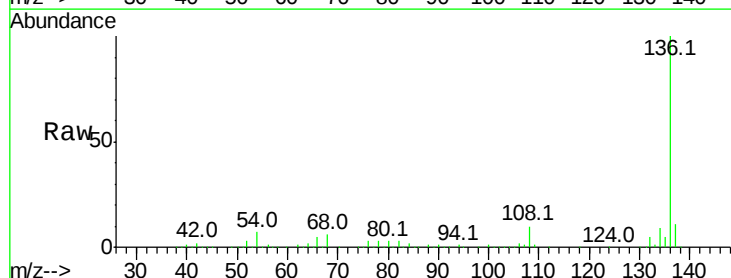
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 6.6 6.6 9.8

68 5.6 5.0 7.4

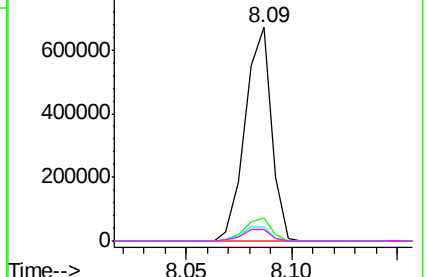
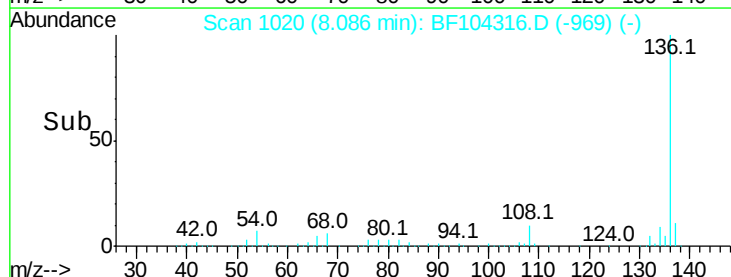


Abundance Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

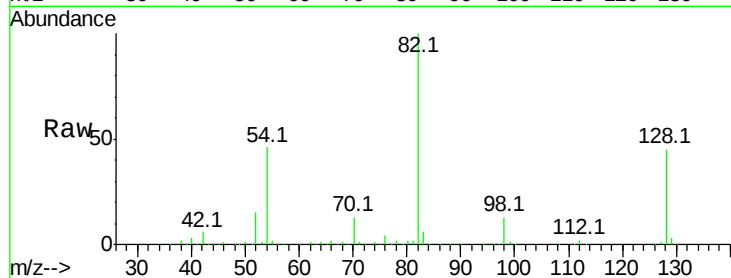




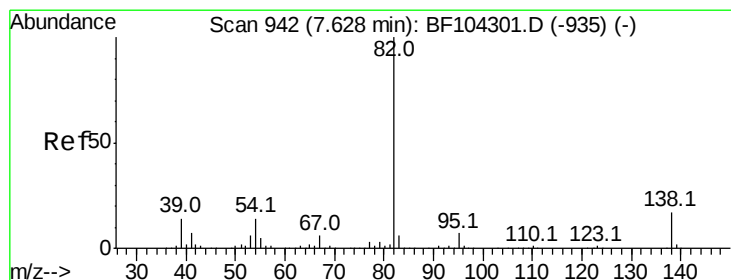
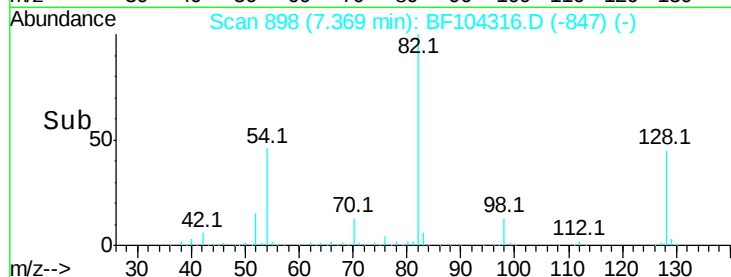
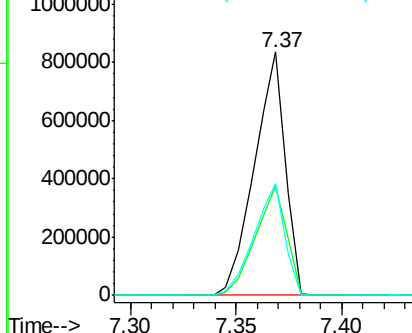
#23
 Nitrobenzene-d5
 Concen: 94.752 ng
 RT: 7.37 min Scan# 898
 Delta R.T. 0.00 min
 Lab File: BF104316.D
 Acq: 6 Apr 2018 20:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 845221
 Ion Ratio Lower Upper
 82 100
 128 44.7 36.1 54.1
 54 46.0 41.4 62.2

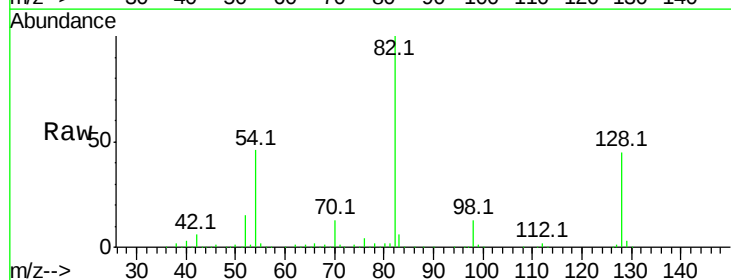


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

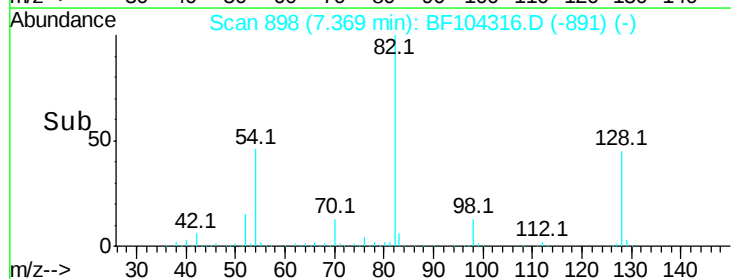
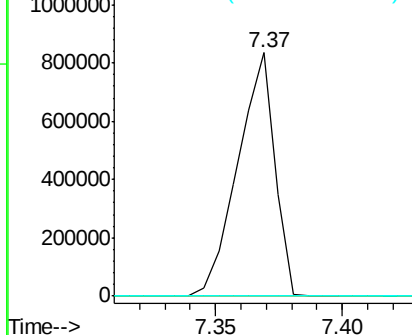


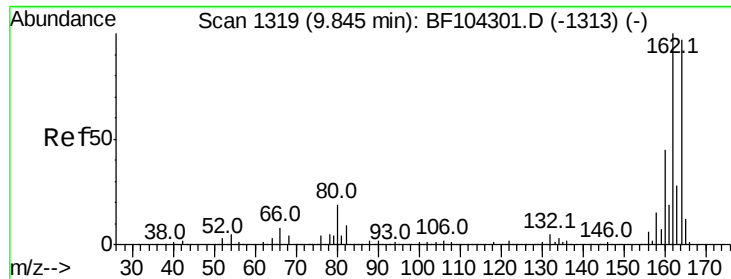
#25
 Isophorone
 Concen: 44.771 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.26 min
 Lab File: BF104316.D
 Acq: 6 Apr 2018 20:10

Tgt Ion: 82 Resp: 844525
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.2 7.8#
 138 0.0 14.9 22.3#



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

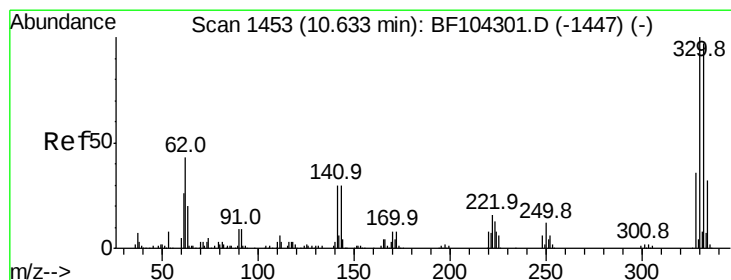
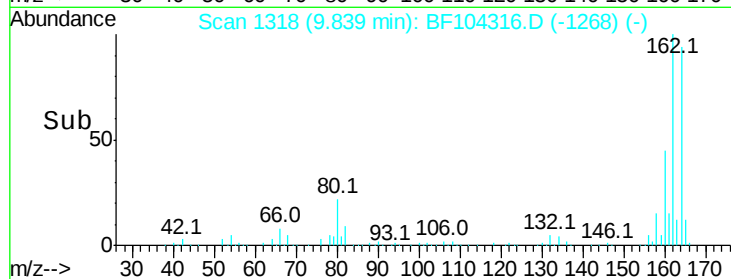
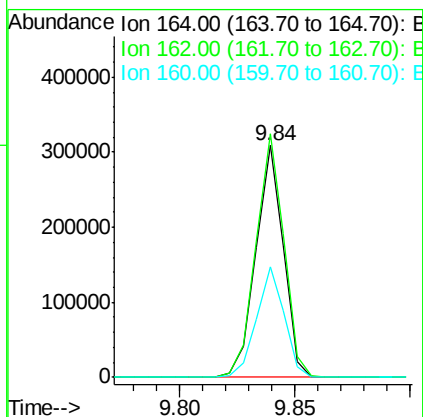
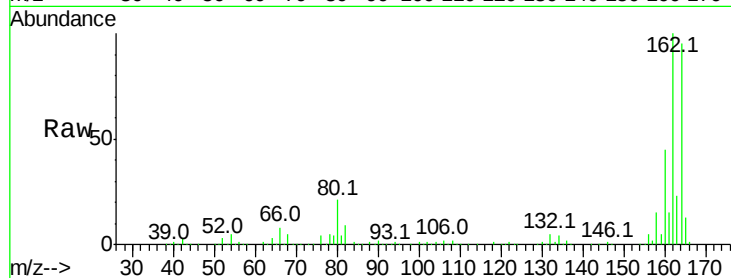




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BF104316.D
 Acq: 6 Apr 2018 20:10

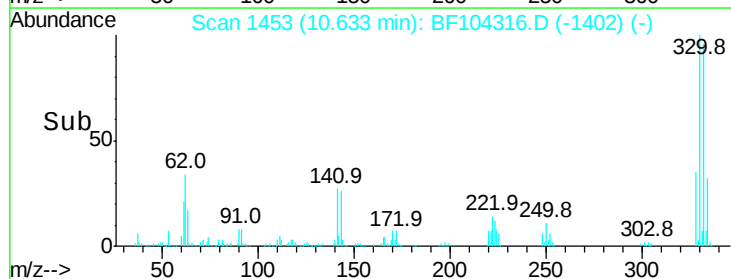
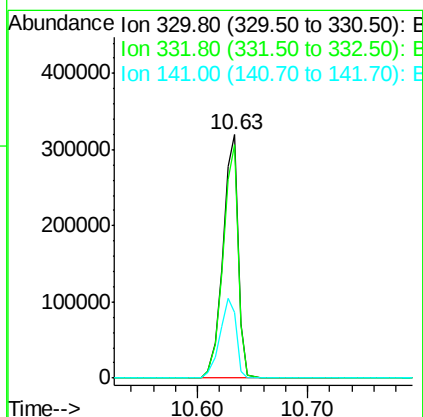
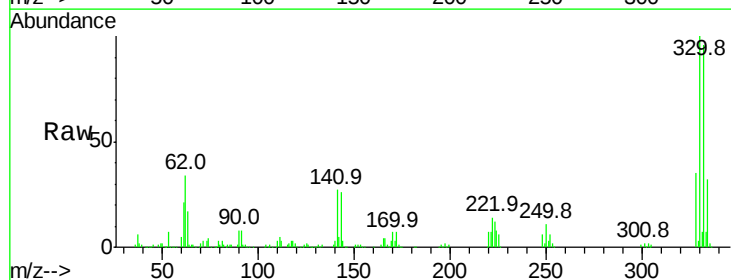
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 257029
 Ion Ratio Lower Upper
 164 100
 162 105.0 86.1 129.1
 160 47.4 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 116.473 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.00 min
 Lab File: BF104316.D
 Acq: 6 Apr 2018 20:10

Tgt Ion:330 Resp: 310545
 Ion Ratio Lower Upper
 330 100
 332 95.3 77.0 115.6
 141 35.0 29.9 44.9



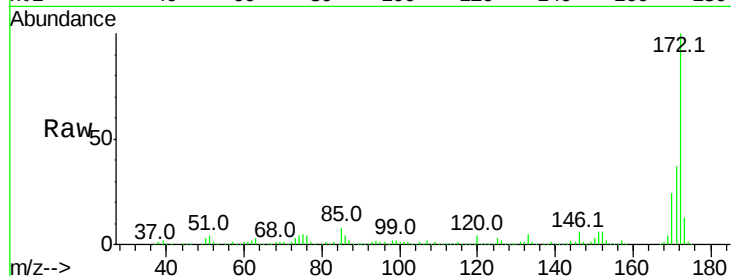


#44
2-Fluorobiphenyl
Concen: 89.903 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BF104316.D
Acq: 6 Apr 2018 20:10

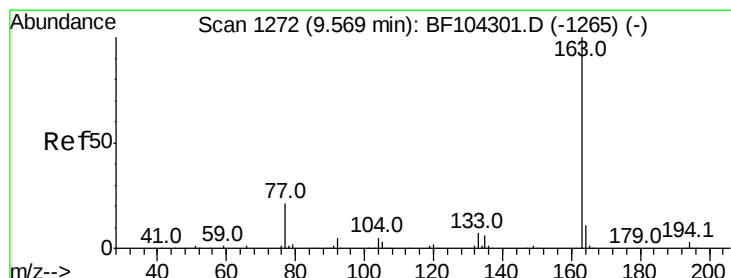
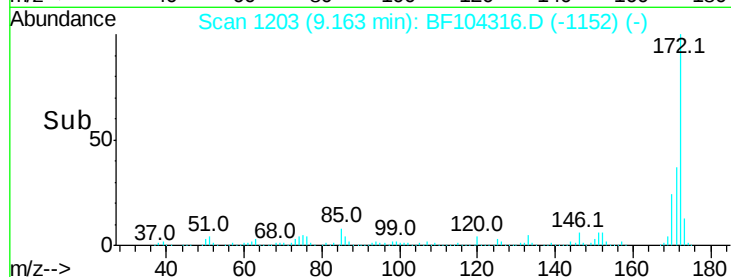
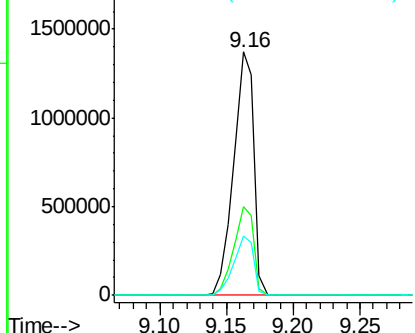
Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1462737

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.1	19.6	29.4



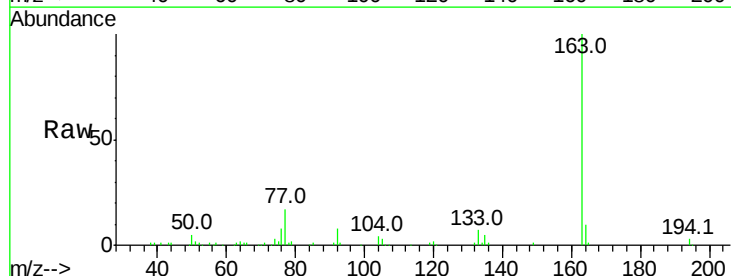
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



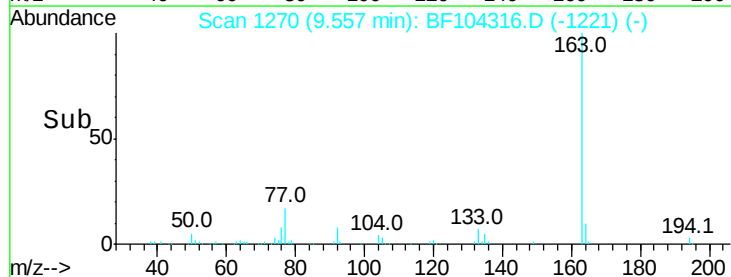
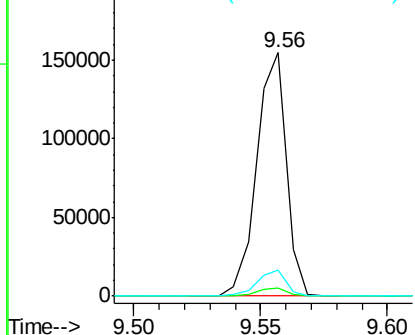
#49
Dimethylphthalate
Concen: 6.239 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF104316.D
Acq: 6 Apr 2018 20:10

Tgt Ion:163 Resp: 126457

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	10.5	8.2	12.2



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

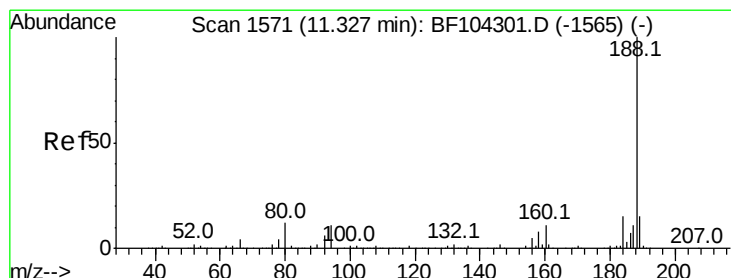
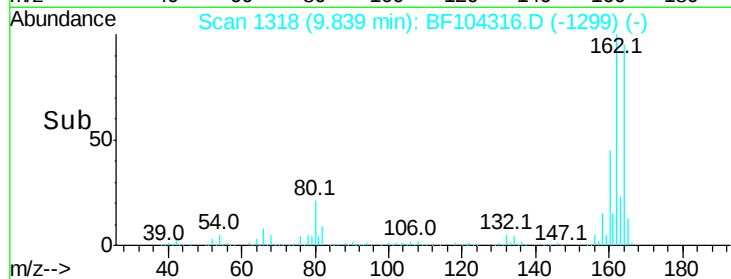
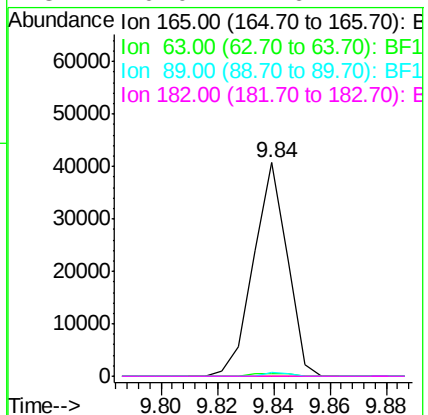
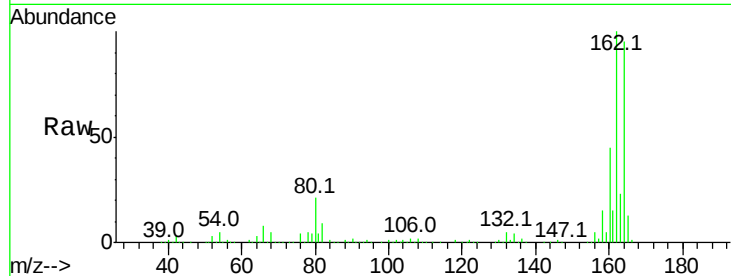




#56
2,4-Dinitrotoluene
Concen: 6.850 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.19 min
Lab File: BF104316.D
Acq: 6 Apr 2018 20:10

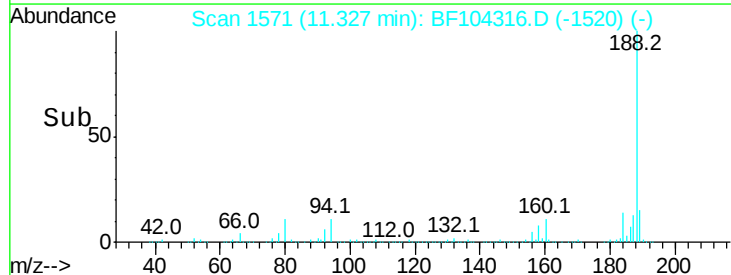
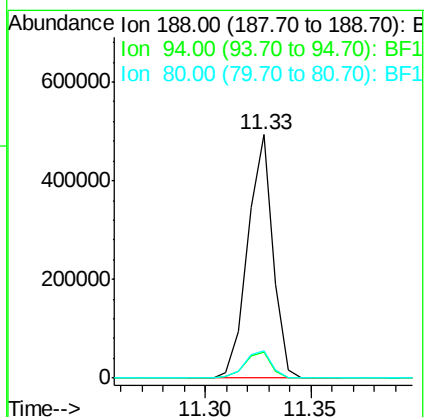
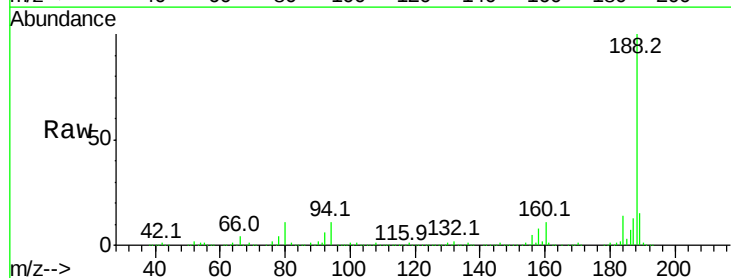
Instrument :
BNA_F
ClientSampleId :

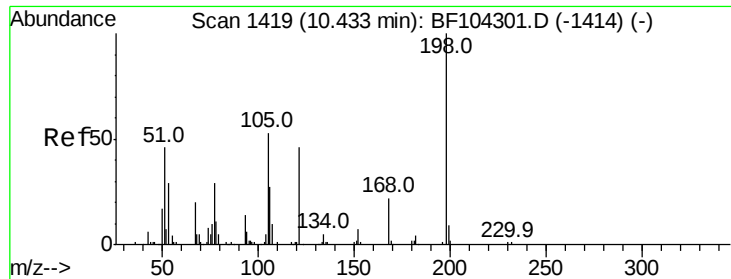
Tot Ion:165 Resp: 33698
Ion Ratio Lower Upper
165 100
63 1.1 36.4 54.6#
89 1.5 57.8 86.6#
182 0.0 1.6 2.4#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. 0.00 min
Lab File: BF104316.D
Acq: 6 Apr 2018 20:10

Tgt Ion:188 Resp: 406568
Ion Ratio Lower Upper
188 100
94 10.8 8.5 12.7
80 11.0 9.2 13.8

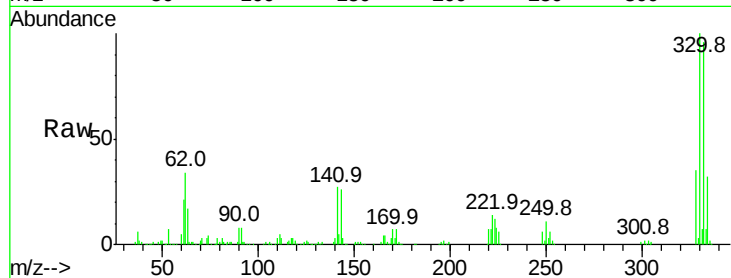




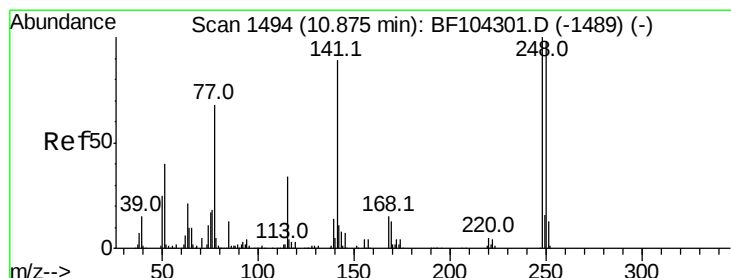
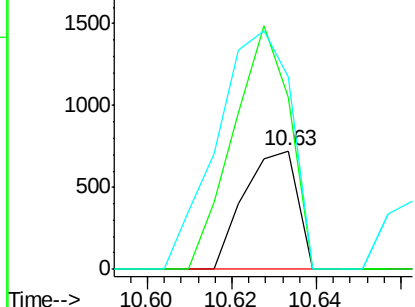
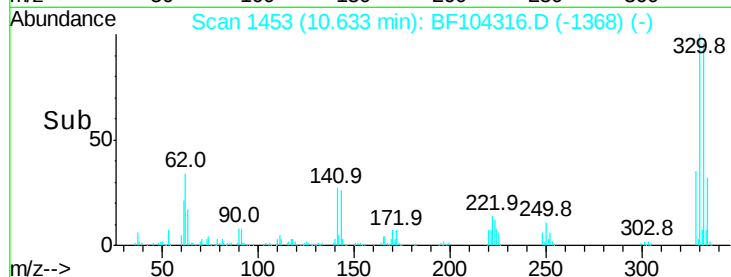
#64
4,6-Dinitro-2-methylphenol
Concen: 7.618 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.20 min
Lab File: BF104316.D
Acq: 6 Apr 2018 20:10

Instrument :
BNA_F
ClientSampled :

Tot Ion:198 Resp: 634
Ion Ratio Lower Upper
198 100
51 144.8 37.7 77.7#
105 162.2 36.3 76.3#

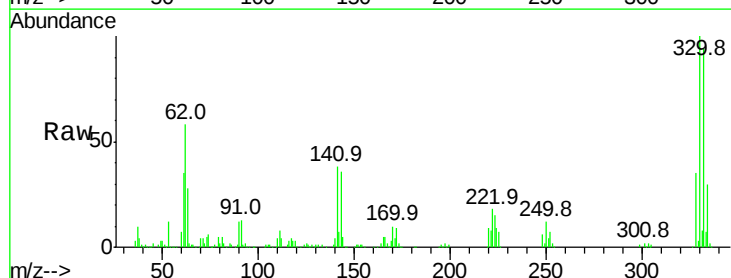


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

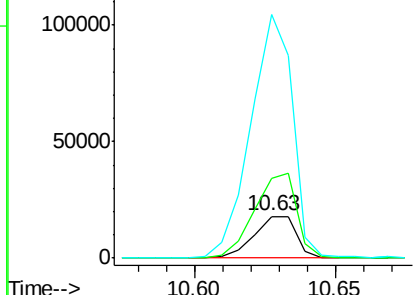
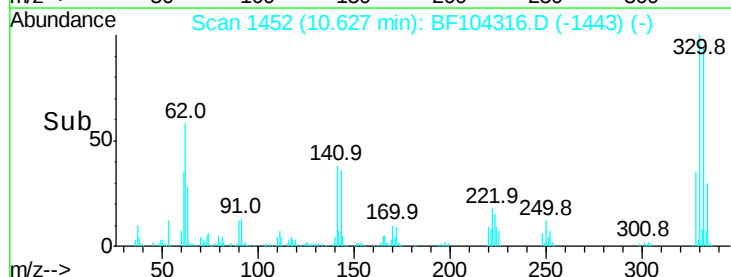


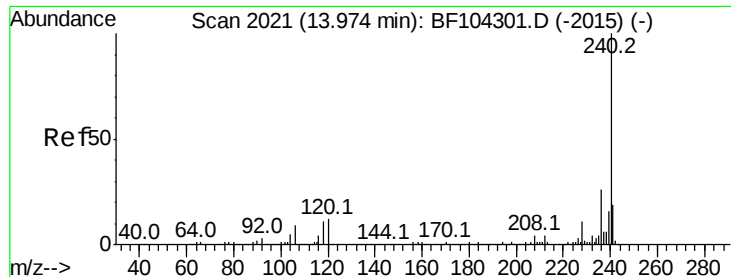
#66
4-Bromophenyl-phenylether
Concen: 4.296 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.25 min
Lab File: BF104316.D
Acq: 6 Apr 2018 20:10

Tgt Ion:248 Resp: 18577
Ion Ratio Lower Upper
248 100
250 191.5 76.9 115.3#
141 585.2 74.4 111.6#



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

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF104316.D

Acq: 6 Apr 2018 20:10

Instrument :

BNA_F

ClientSampleId :

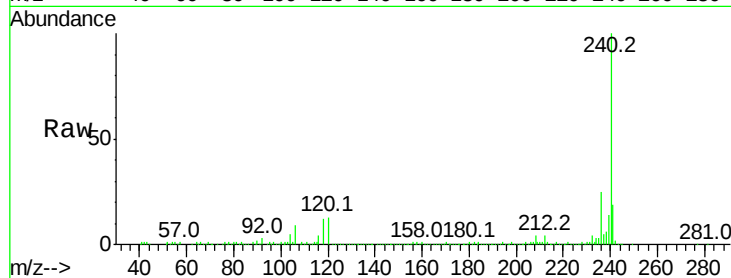
Tot Ion:240 Resp: 296980

Ion Ratio Lower Upper

240 100

120 13.0 9.5 14.3

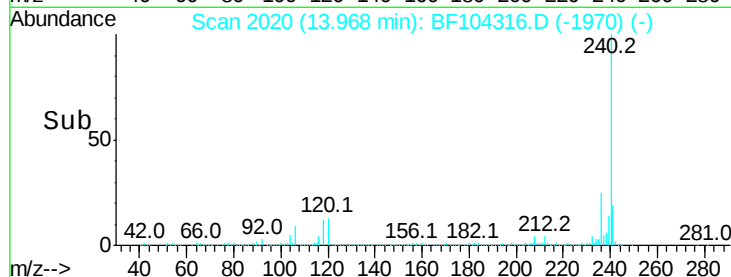
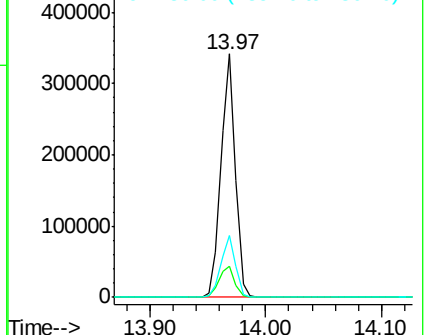
236 25.4 20.7 31.1



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



#78

Terphenyl-d14

Concen: 85.335 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF104316.D

Acq: 6 Apr 2018 20:10

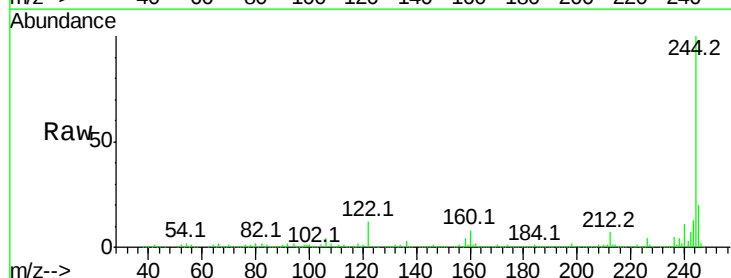
Tgt Ion:244 Resp: 1111608

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

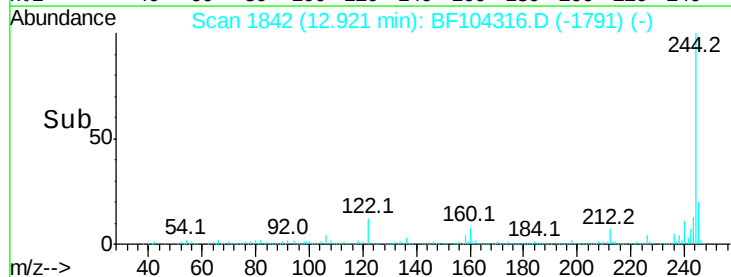
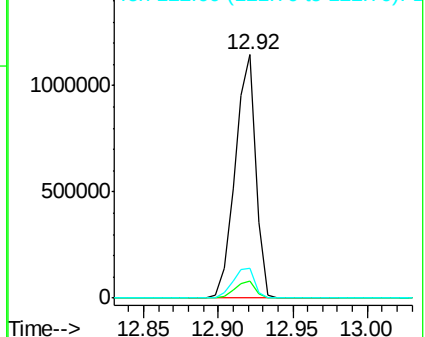
122 12.1 11.0 16.4

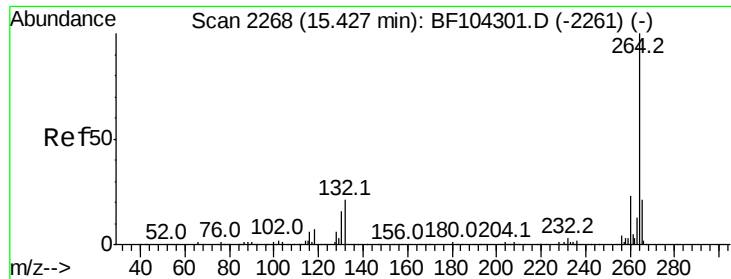


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2268
 Delta R.T. 0.00 min
 Lab File: BF104316.D
 Acq: 6 Apr 2018 20:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	22.4	17.5	26.3

