

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041918\
 Data File : BF104644.D
 Acq On : 19 Apr 2018 22:30
 Operator : JU/SJ
 Sample : J2457-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 20 00:58:43 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 19 14:44:03 2018
 Response via : Initial Calibration

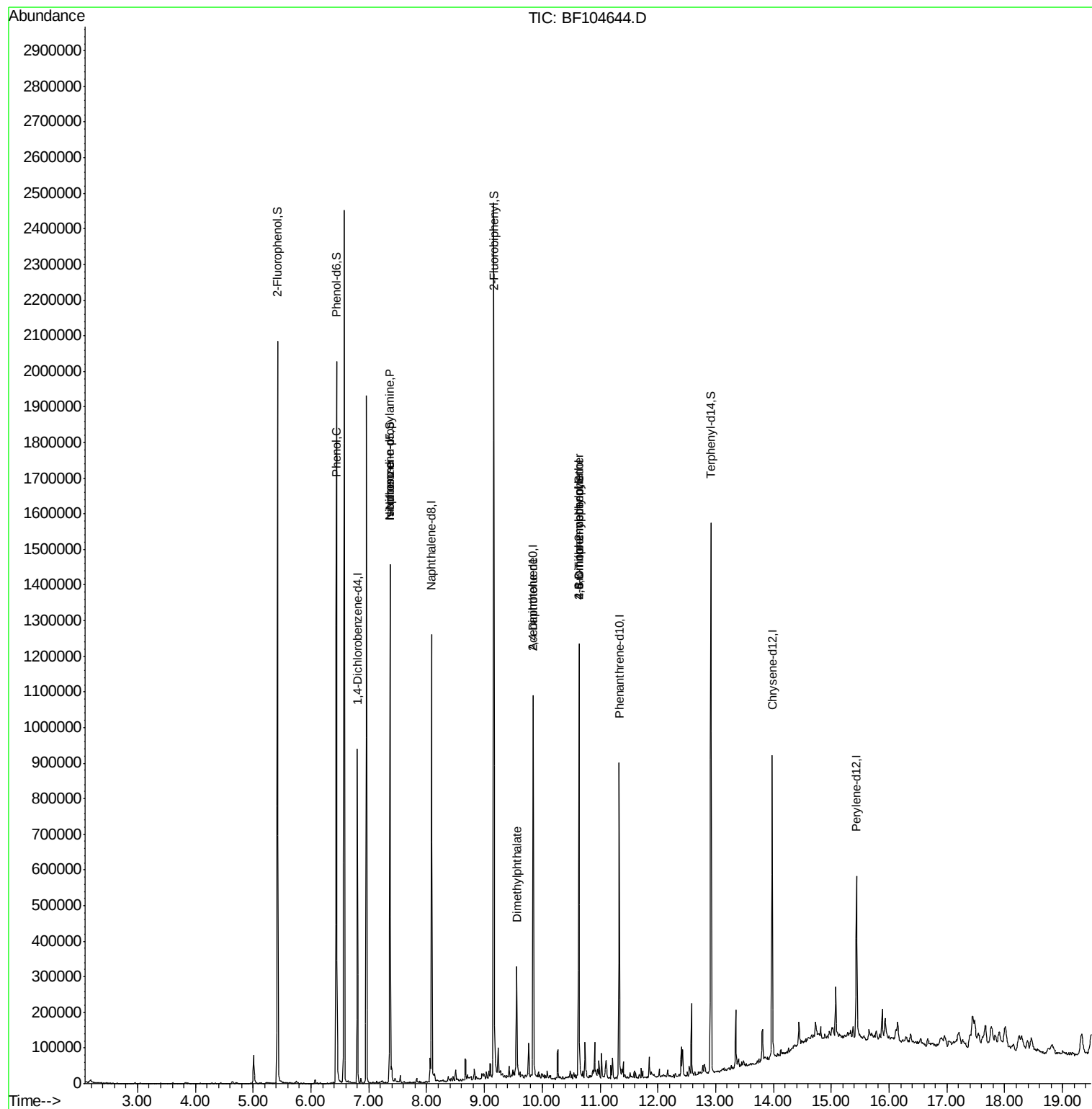
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	134732	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	538244	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	223206	20.00	ng	-0.01
63) Phenanthrene-d10	11.33	188	327837	20.00	ng	0.00
75) Chrysene-d12	13.97	240	270995	20.00	ng	-0.01
86) Perylene-d12	15.44	264	214782	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	624268	70.85	ng	0.00
7) Phenol-d6	6.44	99	756339	69.86	ng	0.00
23) Nitrobenzene-d5	7.37	82	462737	56.14	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	153647	66.36	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	747532	52.91	ng	0.00
78) Terphenyl-d14	12.92	244	477369	40.16	ng	0.00
Target Compounds						
9) Benzaldehyde	6.36	77	497	Below Cal		90
10) Phenol	6.45	94	40127	3.493 ng		97
19) n-Nitroso-di-n-propylamine	7.37	70	60217	8.512 ng	#	74
25) Isophorone	7.37	82	462733	26.547 ng	#	64
49) Dimethylphthalate	9.56	163	110506	6.278 ng		99
56) 2,4-Dinitrotoluene	9.84	165	29100	6.811 ng	#	23
64) 4,6-Dinitro-2-methylphenol	10.63	198	283	7.497 ng	#	1
66) 4-Bromophenyl-phenylether	10.63	248	8861	2.541 ng	#	1
76) Benzidine	12.92	184	6274	Below Cal	#	88

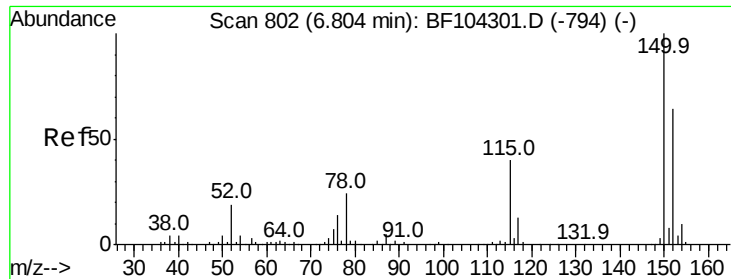
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041918\
Data File : BF104644.D
Acq On : 19 Apr 2018 22:30
Operator : JU/SJ
Sample : J2457-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Apr 20 00:58:43 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 19 14:44:03 2018
Response via : Initial Calibration



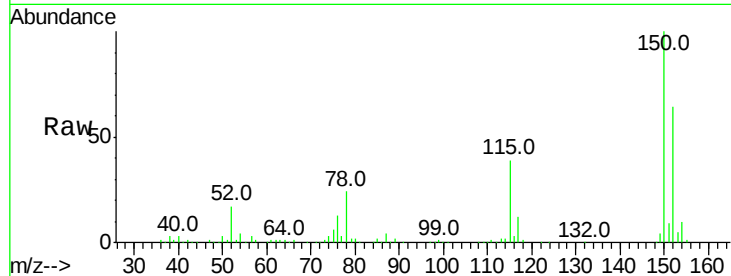


#1

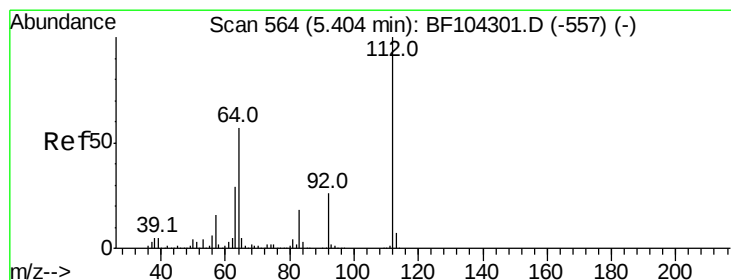
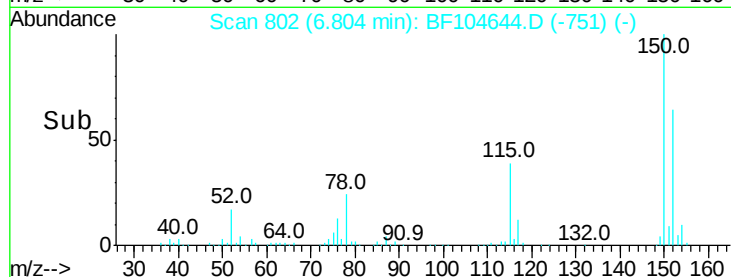
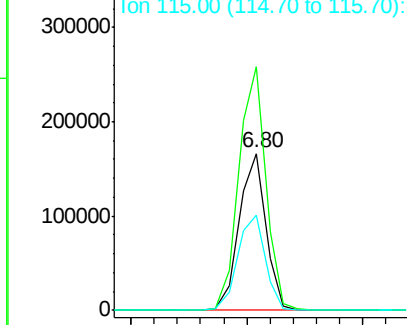
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF104644.D
Acq: 19 Apr 2018 22:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 134732
Ion Ratio Lower Upper
152 100
150 155.5 124.6 186.8
115 60.7 50.1 75.1



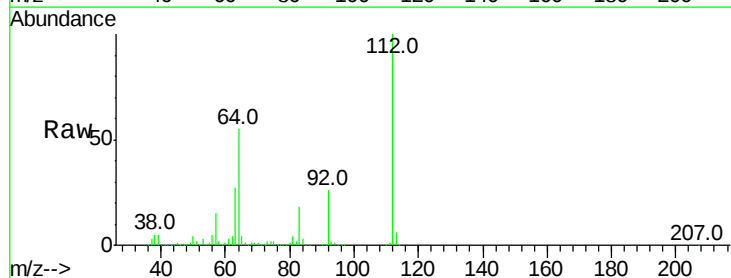
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



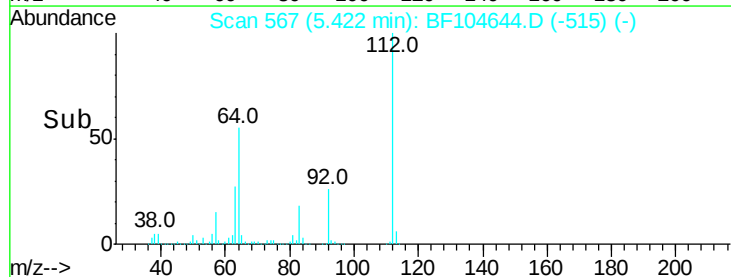
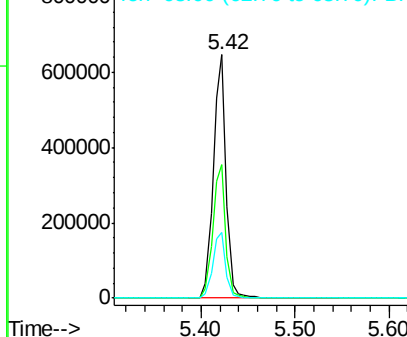
#5

2-Fluorophenol
Concen: 70.847 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF104644.D
Acq: 19 Apr 2018 22:30

Tgt Ion:112 Resp: 624268
Ion Ratio Lower Upper
112 100
64 54.6 47.9 71.9
63 27.0 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: 69.861 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF104644.D

Acq: 19 Apr 2018 22:30

Instrument :

BNA_F

ClientSampleId :

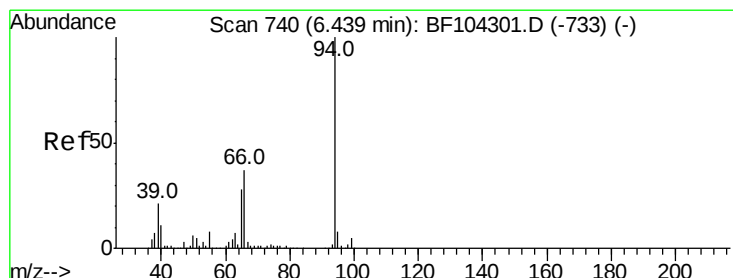
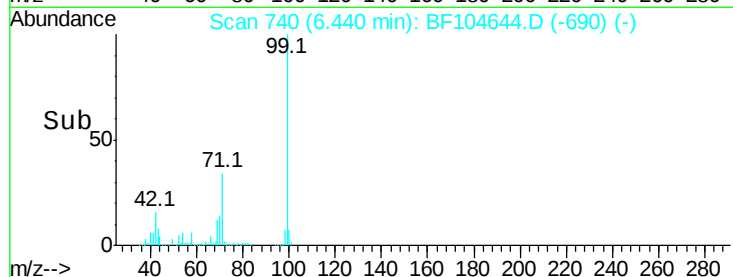
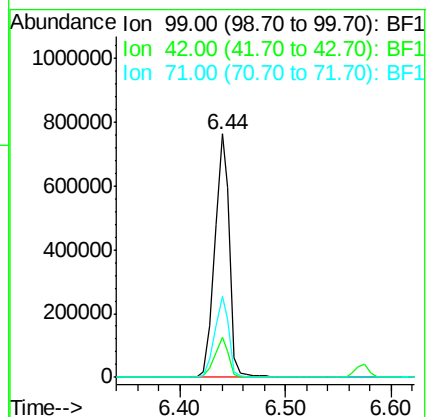
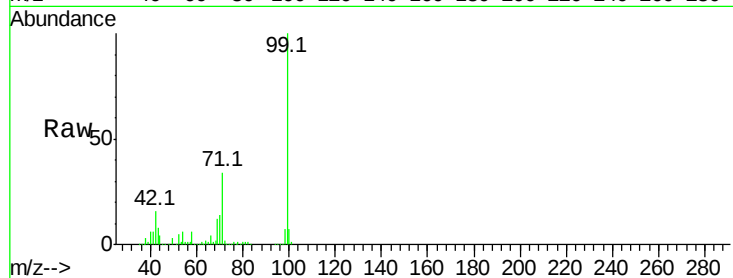
Tot Ion: 99 Resp: 756339

Ion Ratio Lower Upper

99 100

42 16.2 14.5 21.7

71 33.5 25.4 38.0



#10

Phenol

Concen: 3.493 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF104644.D

Acq: 19 Apr 2018 22:30

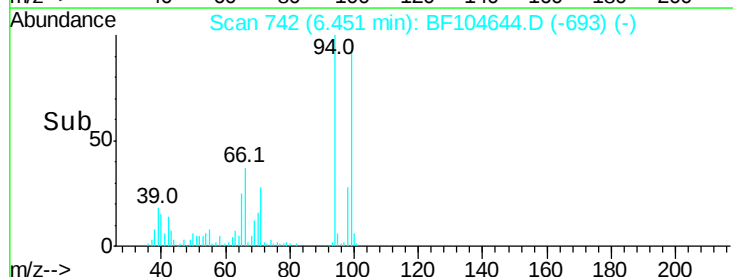
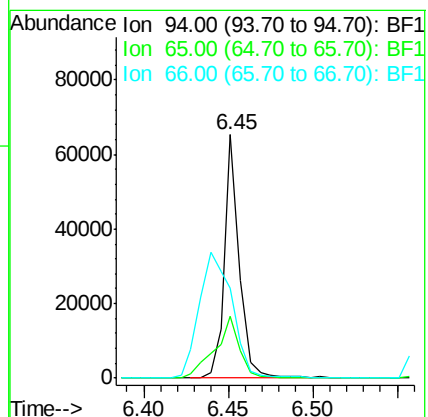
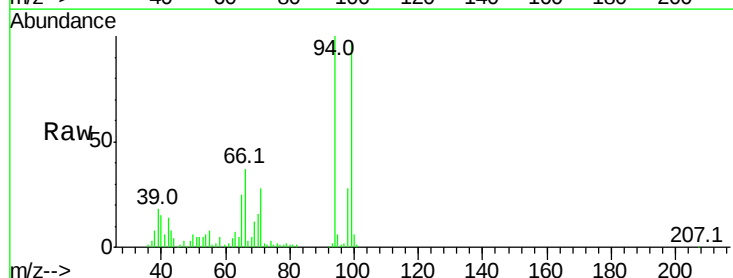
Tgt Ion: 94 Resp: 40127

Ion Ratio Lower Upper

94 100

65 25.5 7.9 47.9

66 36.9 16.2 56.2

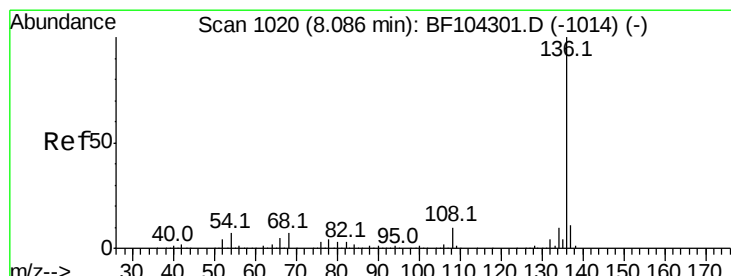
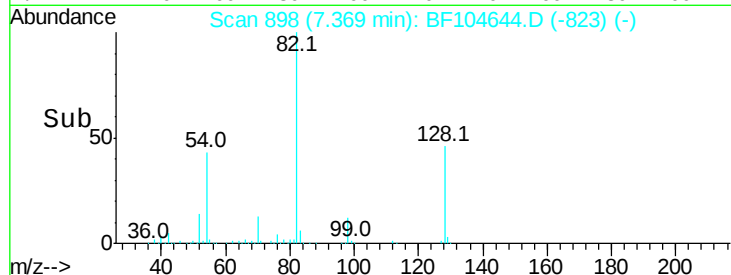
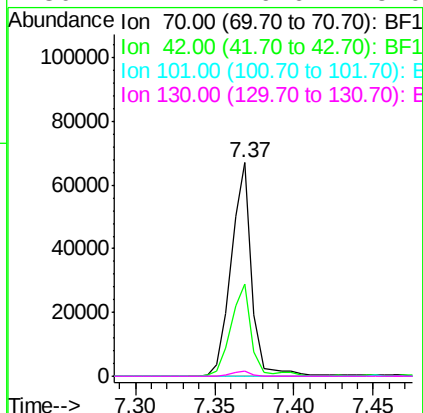
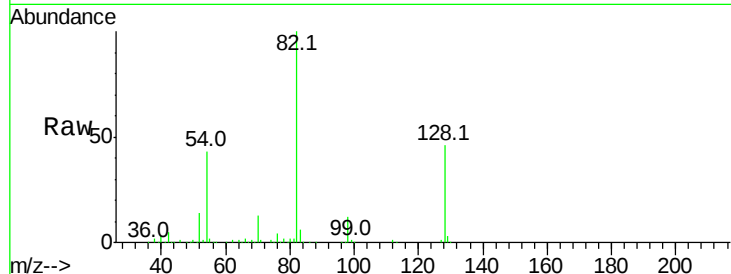




#19
n-Nitroso-di-n-propylamine
Concen: 8.512 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.14 min
Lab File: BF104644.D
Acq: 19 Apr 2018 22:30

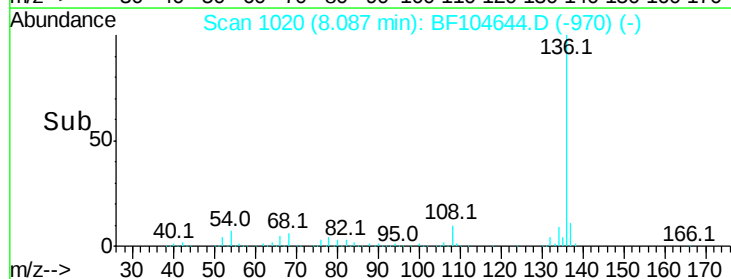
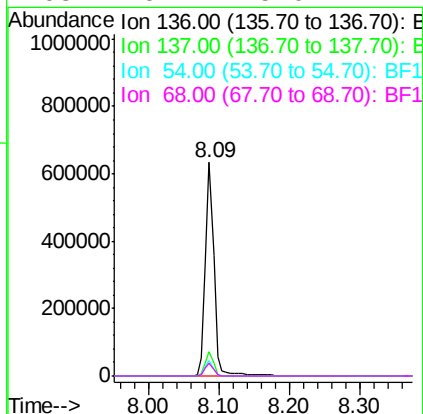
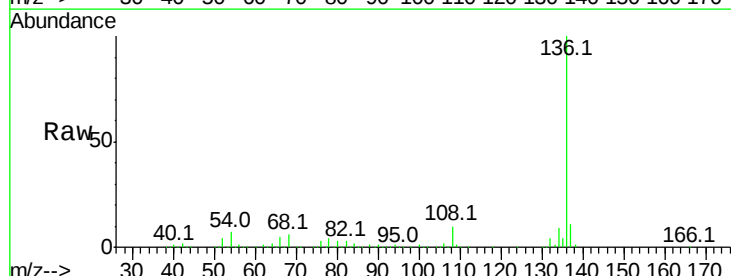
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 60217
Ion Ratio Lower Upper
70 100
42 43.1 47.5 71.3#
101 0.0 7.4 11.2#
130 2.4 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF104644.D
Acq: 19 Apr 2018 22:30

Tgt Ion:136 Resp: 538244
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 7.2 6.6 9.8
68 6.2 5.0 7.4

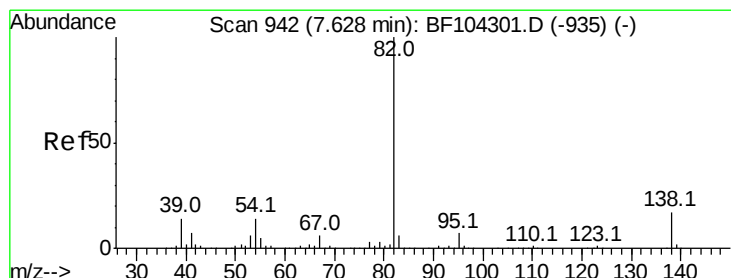
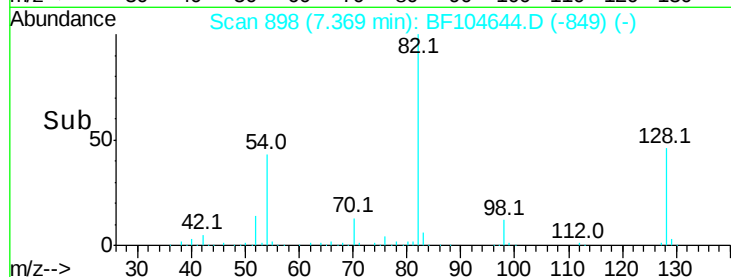
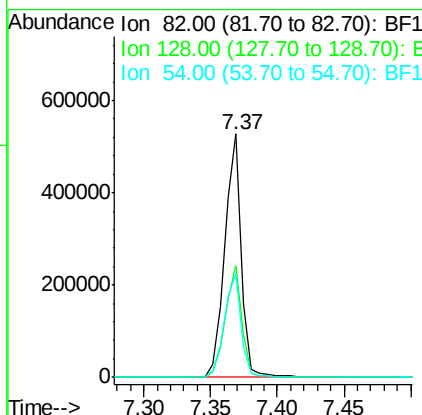
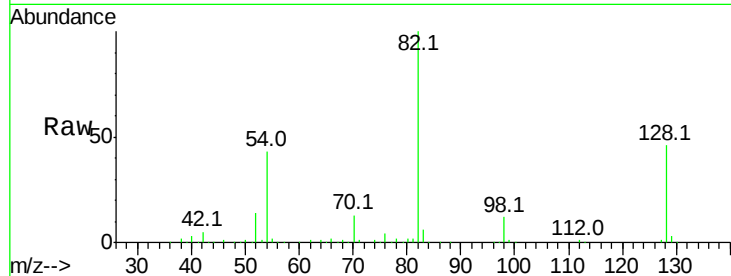




#23
Nitrobenzene-d5
Concen: 56.138 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF104644.D
Acq: 19 Apr 2018 22:30

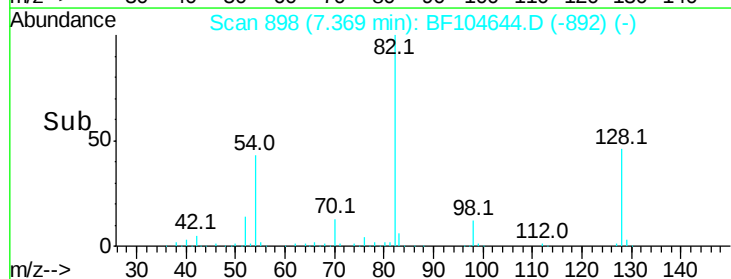
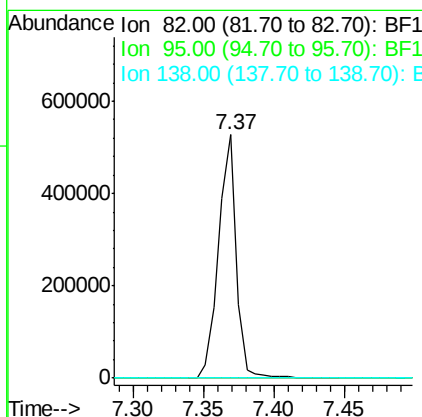
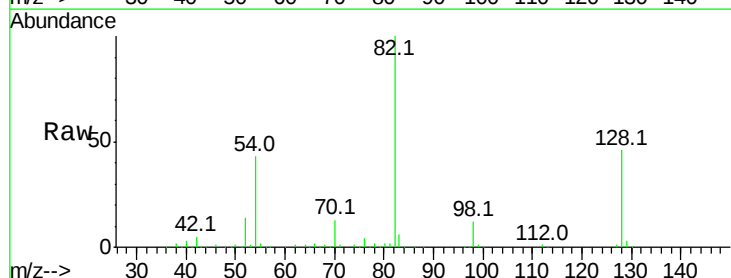
Instrument :
BNA_F
ClientSampleId :

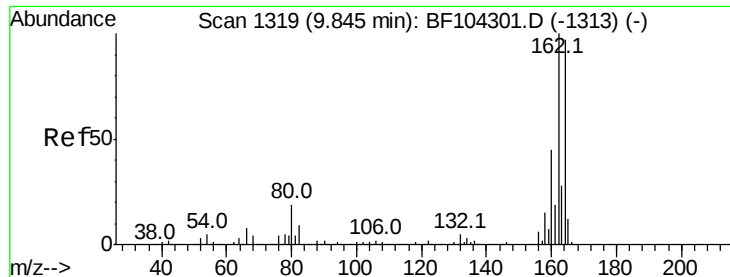
Tot Ion	82	Resp	462737
Ion Ratio	Lower	Upper	
82	100		
128	46.1	36.1	54.1
54	42.6	41.4	62.2



#25
Isophorone
Concen: 26.547 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.26 min
Lab File: BF104644.D
Acq: 19 Apr 2018 22:30

Tgt Ion	82	Resp	462733
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.01 min

Lab File: BF104644.D

Acq: 19 Apr 2018 22:30

Instrument :

BNA_F

ClientSampleId :

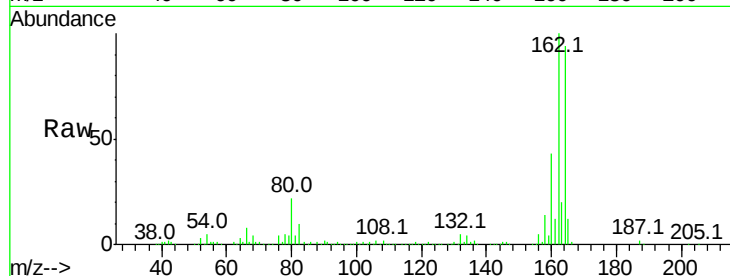
Tot Ion:164 Resp: 223206

Ion Ratio Lower Upper

164 100

162 106.8 86.1 129.1

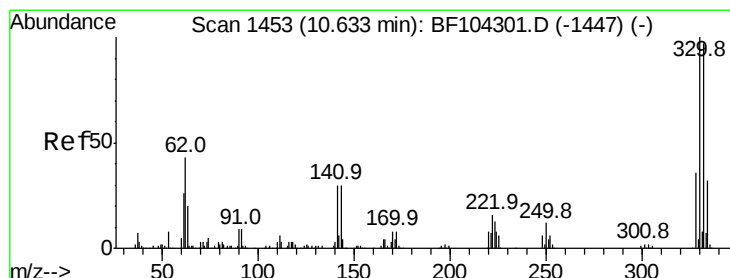
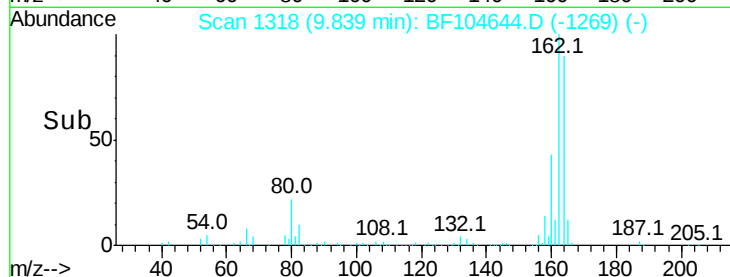
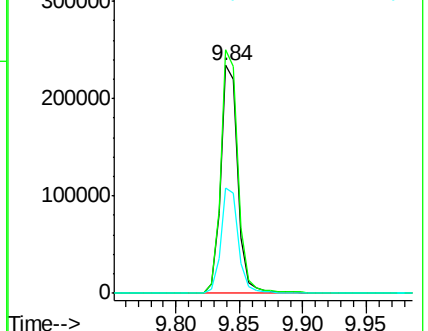
160 46.3 38.3 57.5



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



#41

2,4,6-Tribromophenol

Concen: 66.359 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.01 min

Lab File: BF104644.D

Acq: 19 Apr 2018 22:30

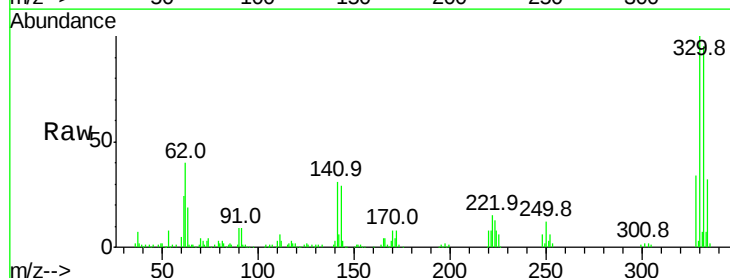
Tgt Ion:330 Resp: 153647

Ion Ratio Lower Upper

330 100

332 95.3 77.0 115.6

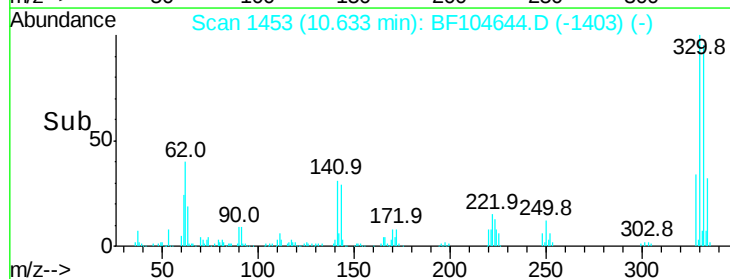
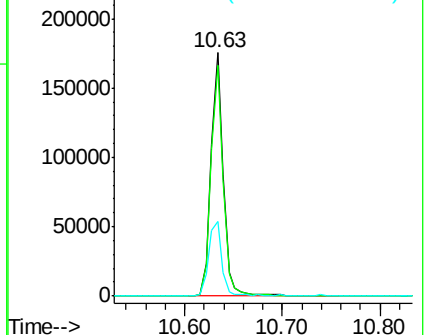
141 33.3 29.9 44.9

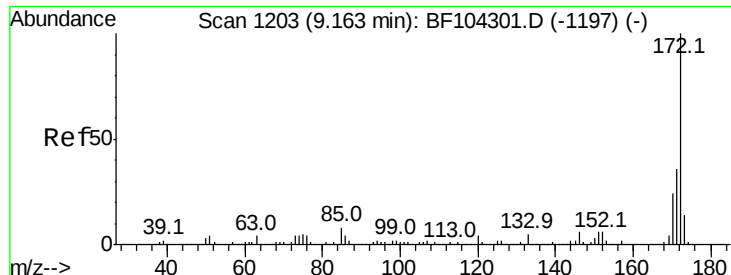


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

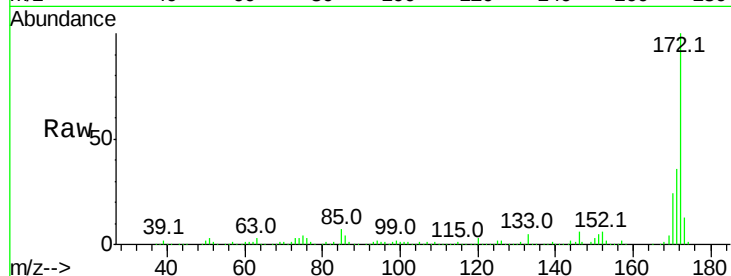




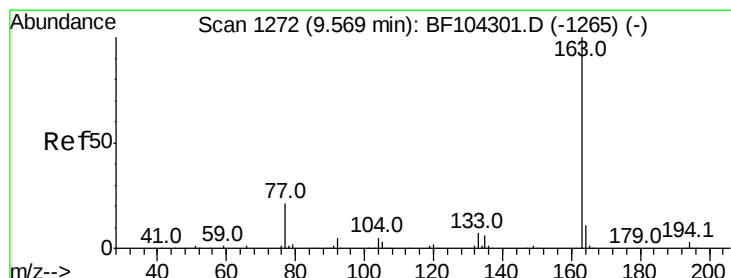
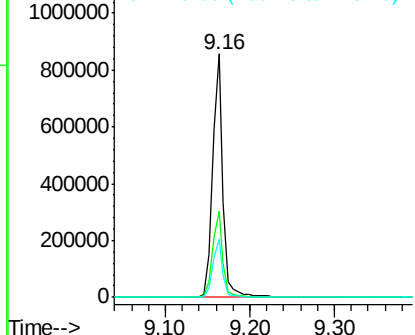
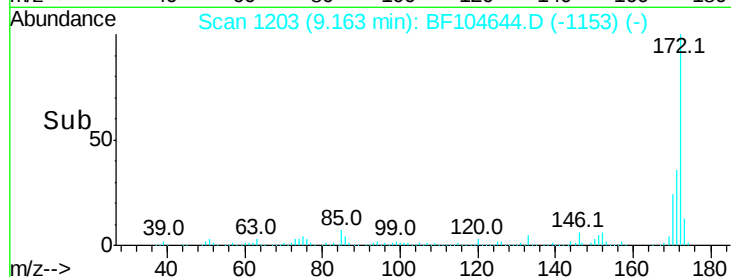
#44
 2-Fluorobiphenyl
 Concen: 52.907 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF104644.D
 Acq: 19 Apr 2018 22:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.7	44.5
170	23.7	19.6	29.4

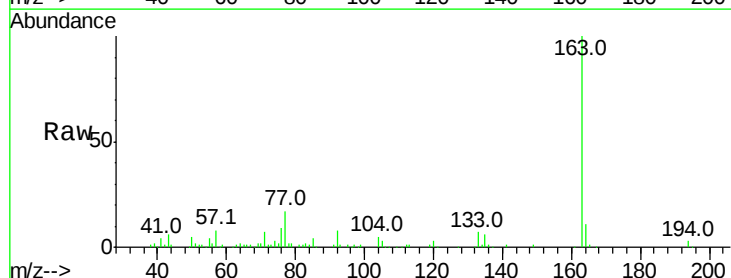


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

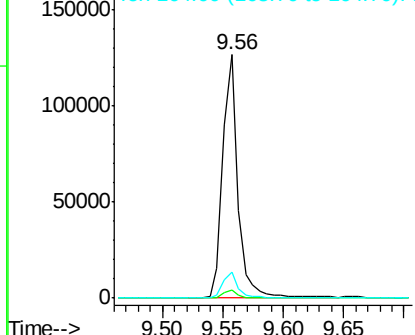
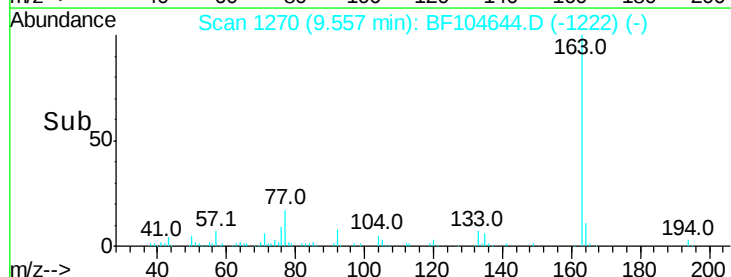


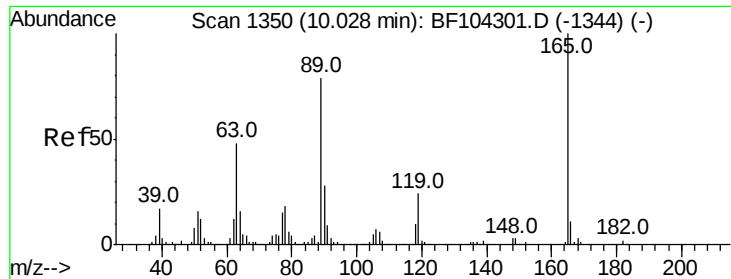
#49
 Dimethylphthalate
 Concen: 6.278 ng
 RT: 9.56 min Scan# 1270
 Delta R.T. -0.02 min
 Lab File: BF104644.D
 Acq: 19 Apr 2018 22:30

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	10.7	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

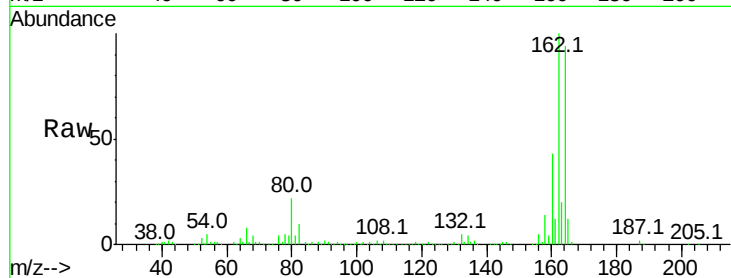




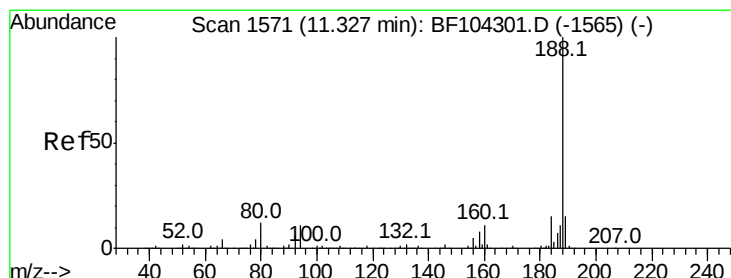
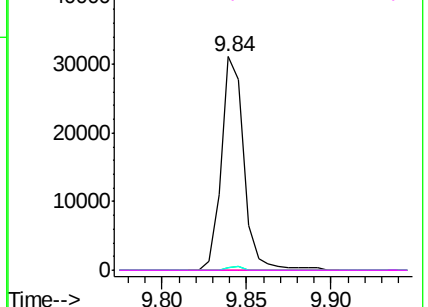
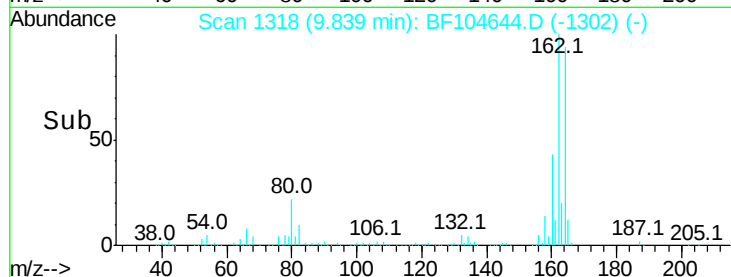
#56
2,4-Dinitrotoluene
Concen: 6.811 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.21 min
Lab File: BF104644.D
Acq: 19 Apr 2018 22:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 29100
Ion Ratio Lower Upper
165 100
63 1.2 36.4 54.6#
89 1.4 57.8 86.6#
182 0.0 1.6 2.4#

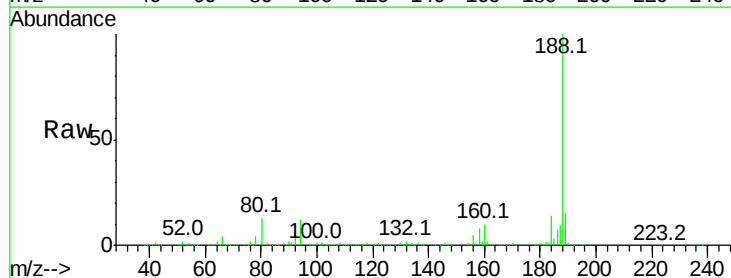


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

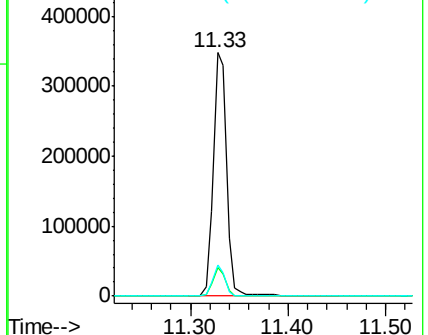
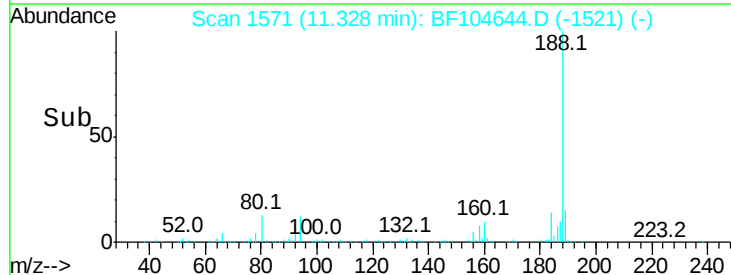


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF104644.D
Acq: 19 Apr 2018 22:30

Tgt Ion:188 Resp: 327837
Ion Ratio Lower Upper
188 100
94 11.8 8.5 12.7
80 12.8 9.2 13.8



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

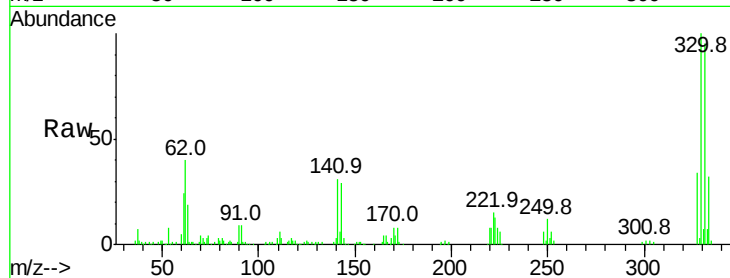




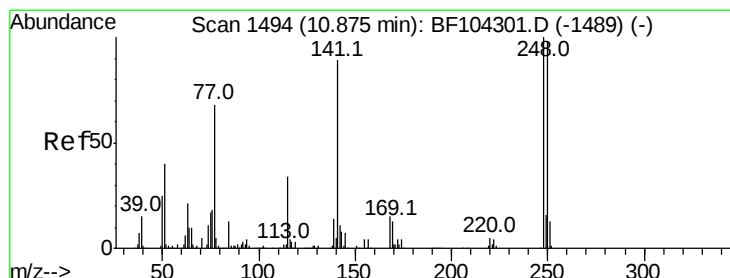
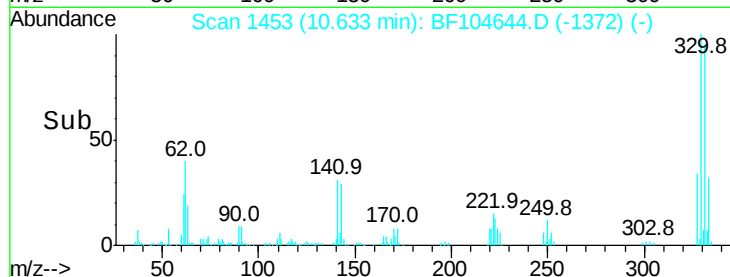
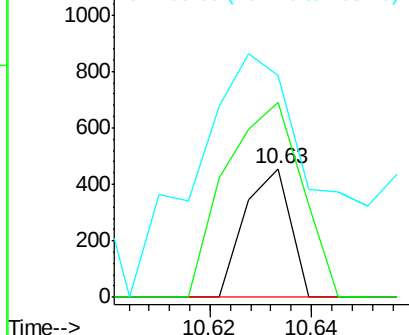
#64
4,6-Dinitro-2-methylphenol
Concen: 7.497 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.18 min
Lab File: BF104644.D
Acq: 19 Apr 2018 22:30

Instrument :
BNA_F
ClientSampled :

Tot Ion:198 Resp: 283
Ion Ratio Lower Upper
198 100
51 151.8 37.7 77.7#
105 172.4 36.3 76.3#

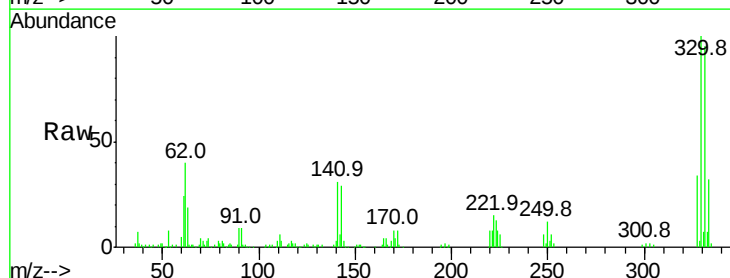


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

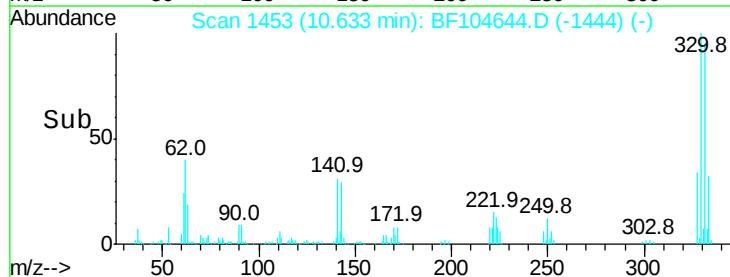
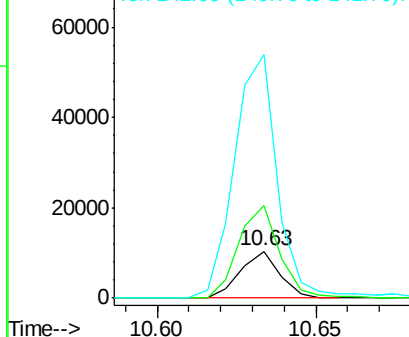


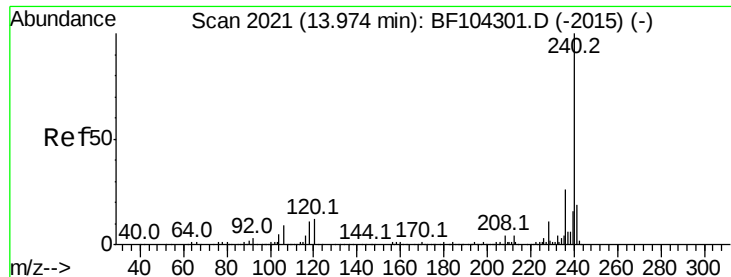
#66
4-Bromophenyl-phenylether
Concen: 2.541 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.25 min
Lab File: BF104644.D
Acq: 19 Apr 2018 22:30

Tgt Ion:248 Resp: 8861
Ion Ratio Lower Upper
248 100
250 198.9 76.9 115.3#
141 519.5 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# 2021

Delta R.T. -0.01 min

Lab File: BF104644.D

Acq: 19 Apr 2018 22:30

Instrument :

BNA_F

ClientSampleId :

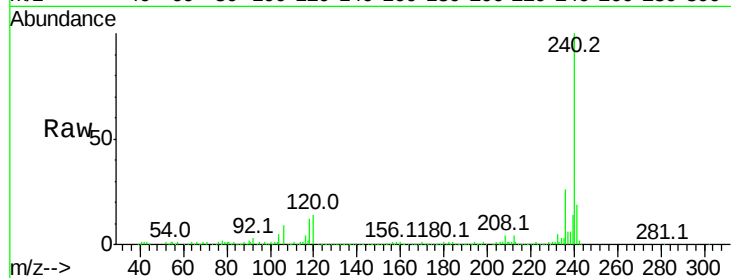
Tot Ion:240 Resp: 270995

Ion Ratio Lower Upper

240 100

120 13.6 9.5 14.3

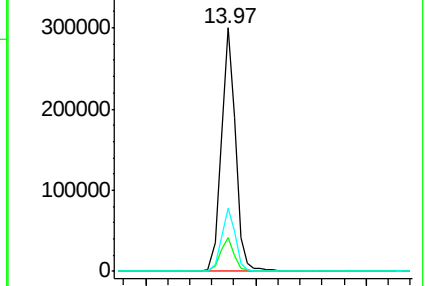
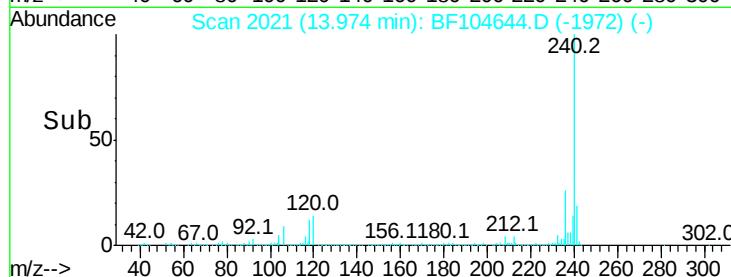
236 26.0 20.7 31.1



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: 40.160 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.01 min

Lab File: BF104644.D

Acq: 19 Apr 2018 22:30

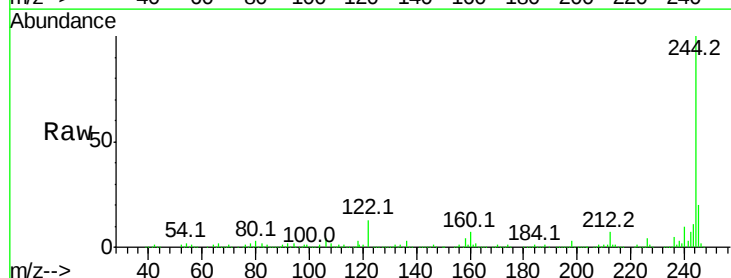
Tgt Ion:244 Resp: 477369

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

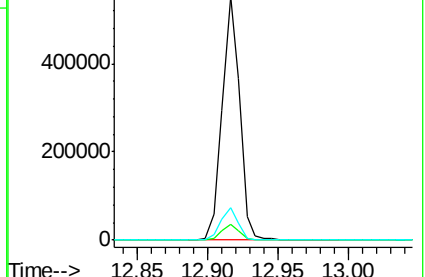
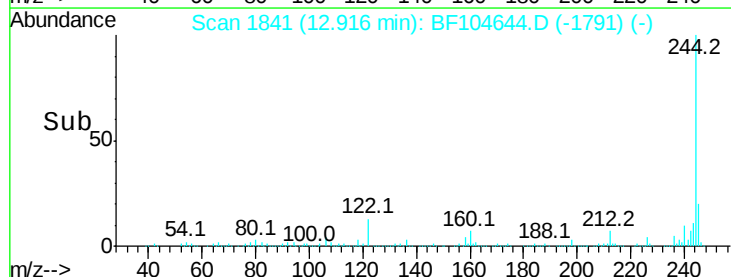
122 13.2 11.0 16.4

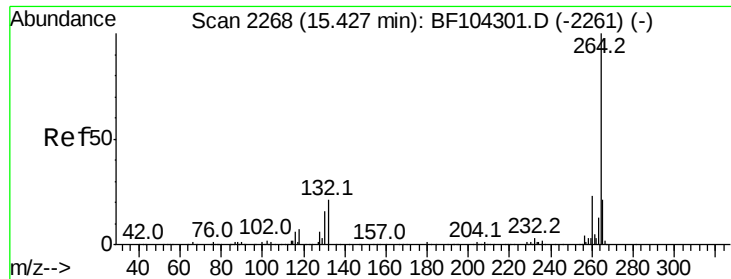


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

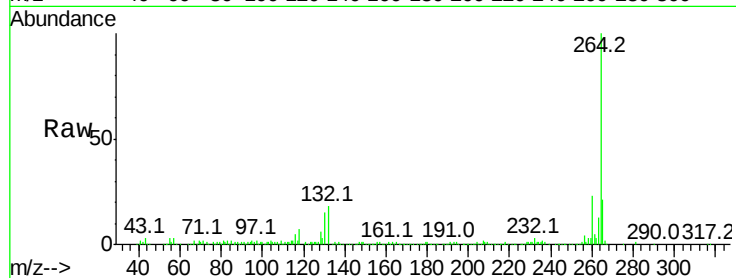




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2270
 Delta R.T. -0.01 min
 Lab File: BF104644.D
 Acq: 19 Apr 2018 22:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.2	28.8
265	20.9	17.5	26.3



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

