

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041618\
 Data File : BF104555.D
 Acq On : 17 Apr 2018 1:19
 Operator : JU/SJ
 Sample : J2386-07
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CO-7

Quant Time: Apr 17 02:12:38 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 16 12:15:25 2018
 Response via : Initial Calibration

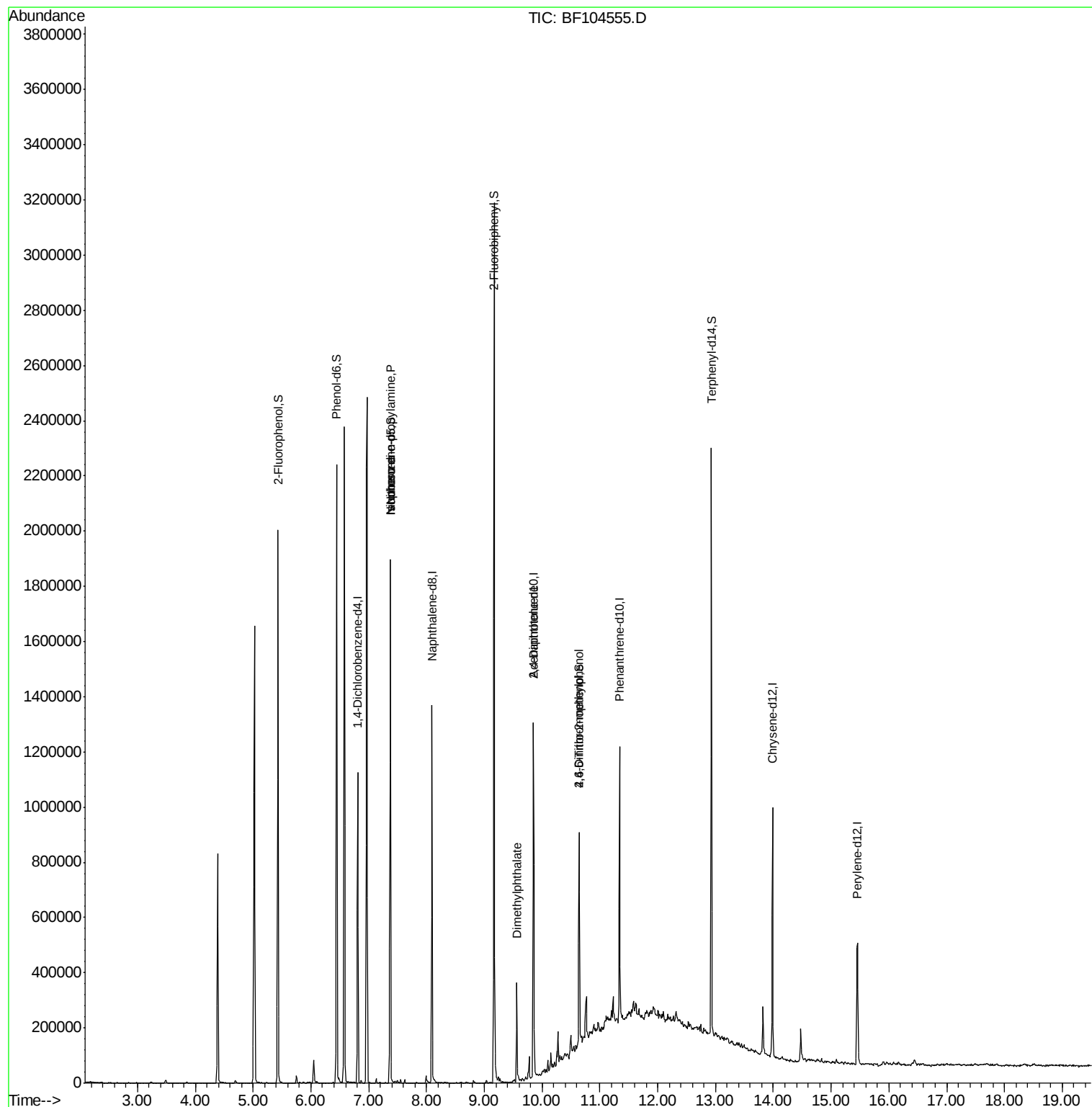
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	150558	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	579056	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	242575	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	339720	20.00	ng	0.00
75) Chrysene-d12	13.99	240	277270	20.00	ng	0.00
86) Perylene-d12	15.46	264	209035	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	569705	57.86	ng	0.00
7) Phenol-d6	6.45	99	851205	70.36	ng	0.00
23) Nitrobenzene-d5	7.37	82	618241	69.72	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	93912	37.32	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1080850	70.39	ng	0.00
78) Terphenyl-d14	12.93	244	756549	62.21	ng	0.00
Target Compounds						
9) Benzaldehyde	6.45	77	1535	Below Cal	Qvalue #	1
19) n-Nitroso-di-n-propylamine	7.37	70	80587	10.194 ng	#	74
25) Isophorone	7.37	82	618236	32.968 ng	#	64
49) Dimethylphthalate	9.56	163	137203	7.173 ng		100
56) 2,4-Dinitrotoluene	9.85	165	31019	6.681 ng	#	23
64) 4,6-Dinitro-2-methylphenol	10.64	198	228	7.464 ng	#	1
76) Benizidine	12.93	184	10365	Below Cal		97

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

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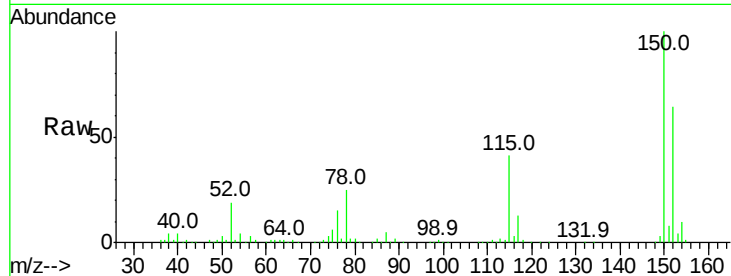


#1

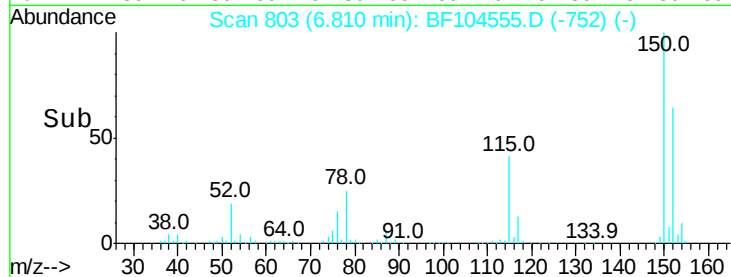
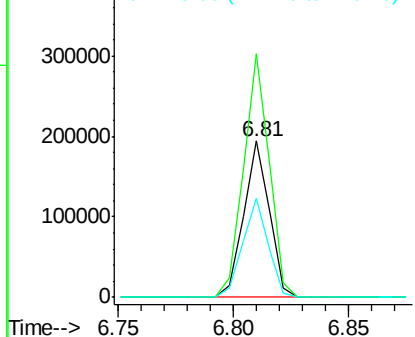
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF104555.D
Acq: 17 Apr 2018 1:19

Instrument :
BNA_F
ClientSampleId :
CO-7

Tot Ion:152 Resp: 150558
Ion Ratio Lower Upper
152 100
150 155.6 124.6 186.8
115 63.5 50.1 75.1



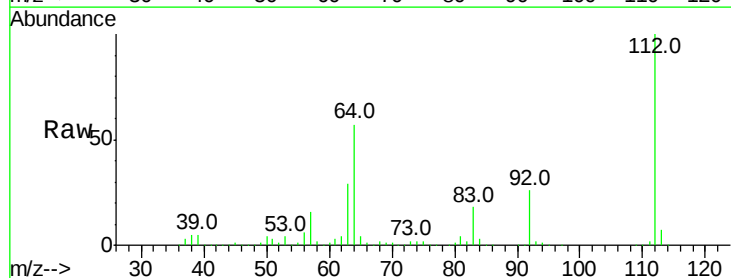
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



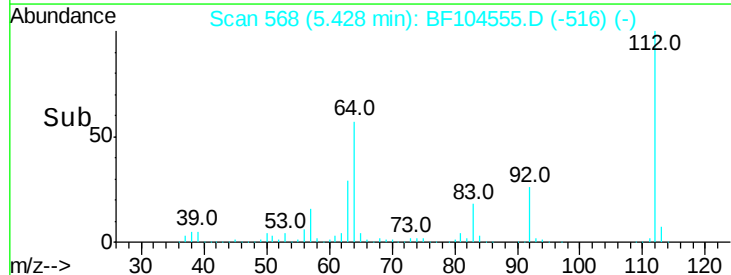
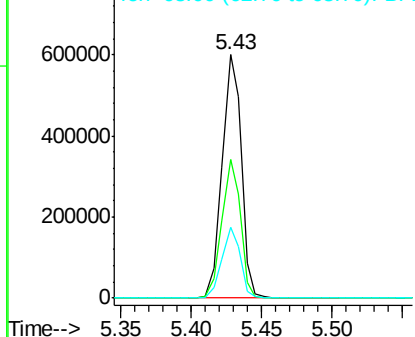
#5

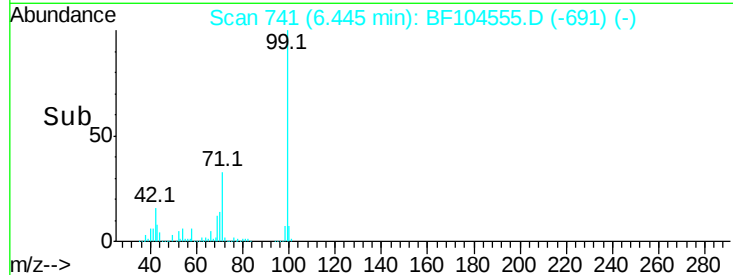
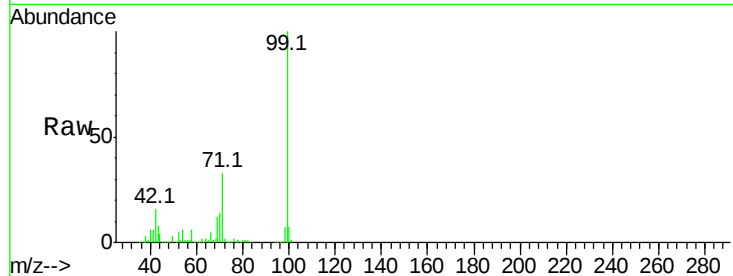
2-Fluorophenol
Concen: 57.859 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF104555.D
Acq: 17 Apr 2018 1:19

Tgt Ion:112 Resp: 569705
Ion Ratio Lower Upper
112 100
64 57.1 47.9 71.9
63 28.9 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: 70.359 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF104555.D

Acq: 17 Apr 2018 1:19

Instrument :

BNA_F

ClientSampled :

CO-7

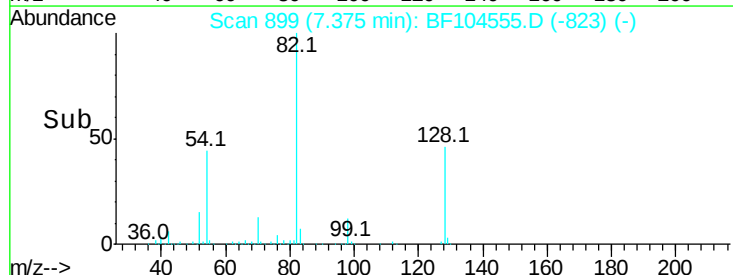
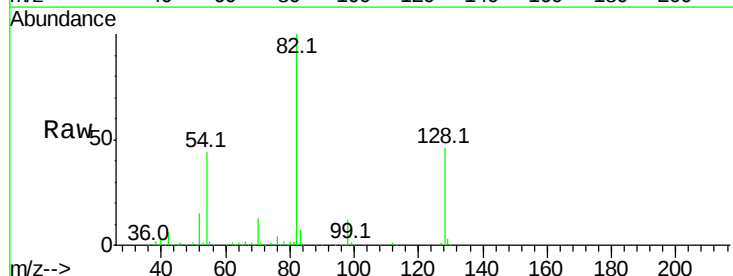
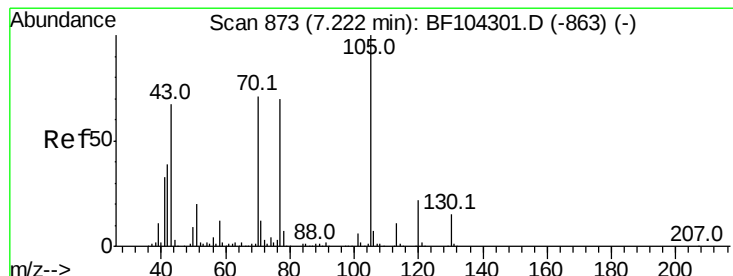
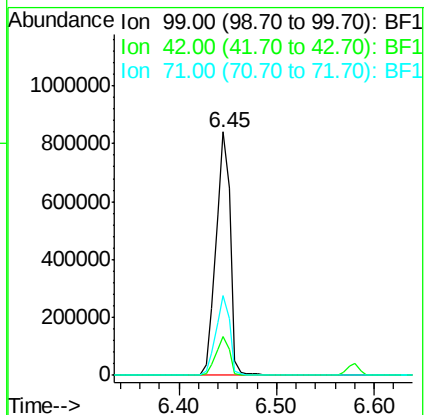
Tot Ion: 99 Resp: 851205

Ion Ratio Lower Upper

99 100

42 16.1 14.5 21.7

71 33.0 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 10.194 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.15 min

Lab File: BF104555.D

Acq: 17 Apr 2018 1:19

Tgt Ion: 70 Resp: 80587

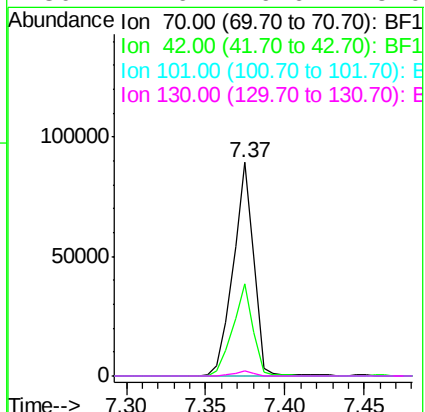
Ion Ratio Lower Upper

70 100

42 43.2 47.5 71.3#

101 0.0 7.4 11.2#

130 2.6 16.6 25.0#

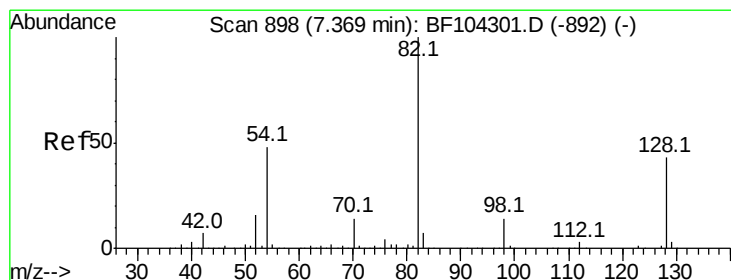
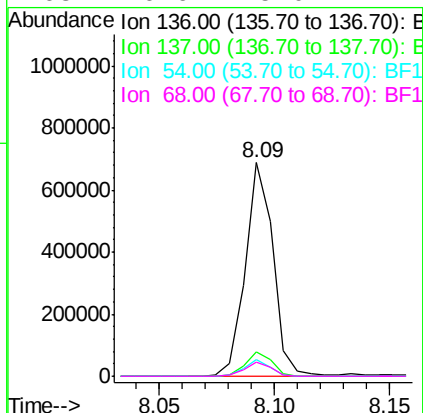
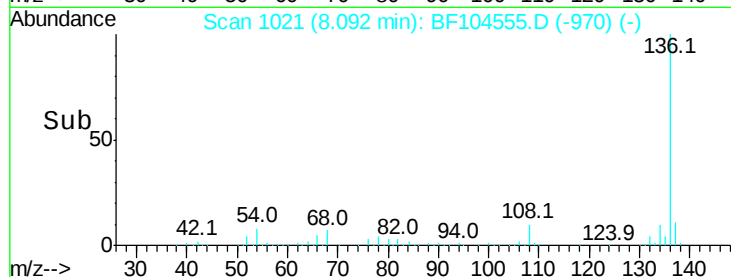
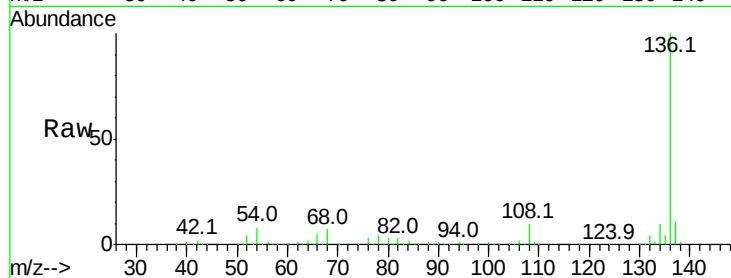




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF104555.D
Acq: 17 Apr 2018 1:19

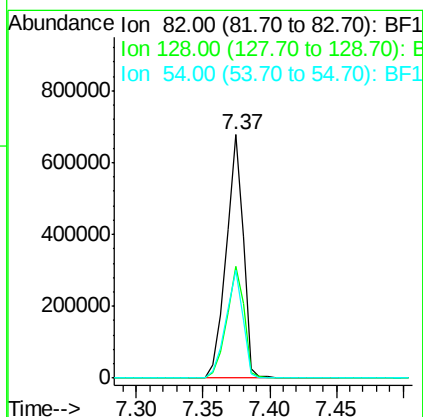
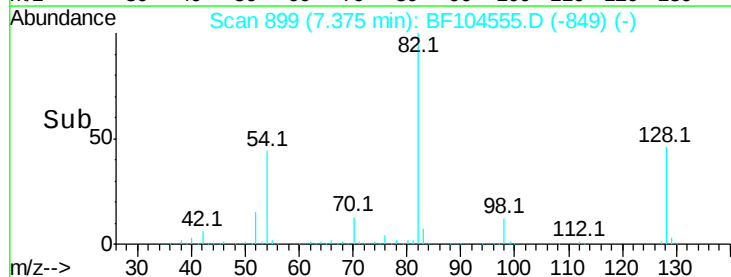
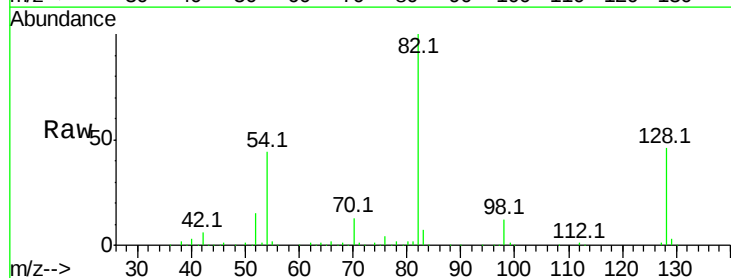
Instrument :
BNA_F
ClientSampleId :
CO-7

Tot Ion:	136	Resp:	579056
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.5	6.6	9.8
68	6.6	5.0	7.4



#23
Nitrobenzene-d5
Concen: 69.717 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF104555.D
Acq: 17 Apr 2018 1:19

Tgt Ion:	82	Resp:	618241
Ion	Ratio	Lower	Upper
82	100		
128	46.1	36.1	54.1
54	44.3	41.4	62.2





#25

Isophorone

Concen: 32.968 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.26 min

Lab File: BF104555.D

Acq: 17 Apr 2018 1:19

Instrument :

BNA_F

ClientSampleId :

CO-7

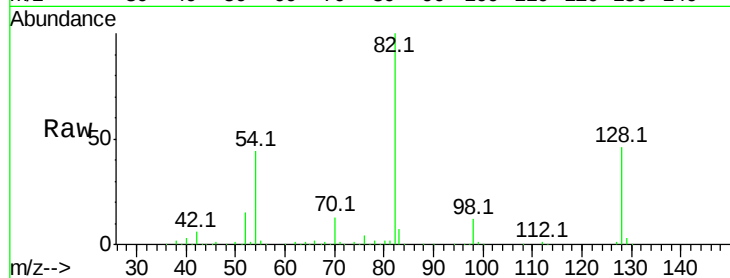
Tot Ion: 82 Resp: 618236

Ion Ratio Lower Upper

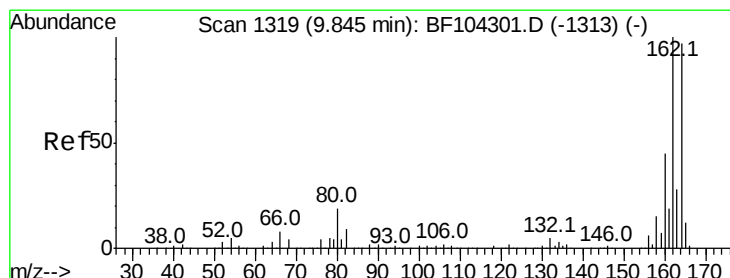
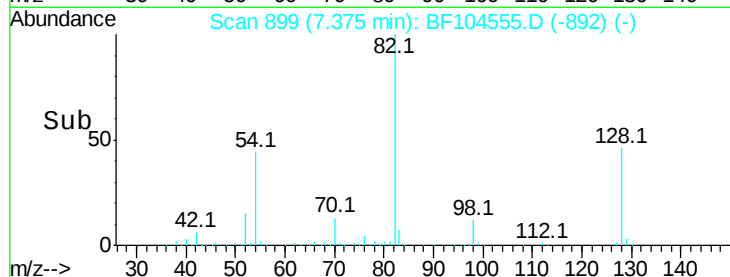
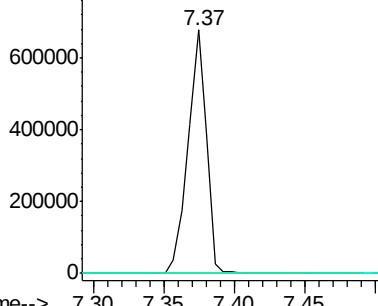
82 100

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: 9.85 min Scan# 1320

Delta R.T. -0.00 min

Lab File: BF104555.D

Acq: 17 Apr 2018 1:19

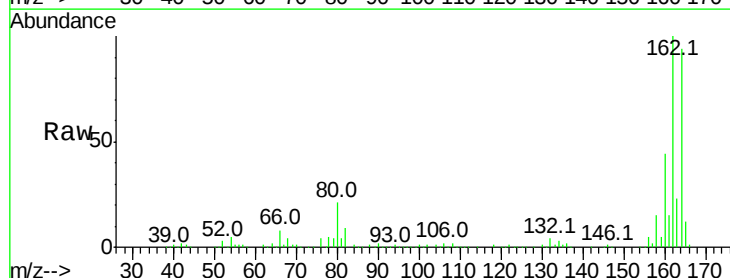
Tgt Ion:164 Resp: 242575

Ion Ratio Lower Upper

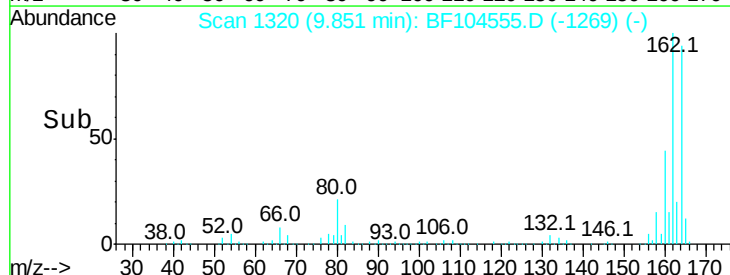
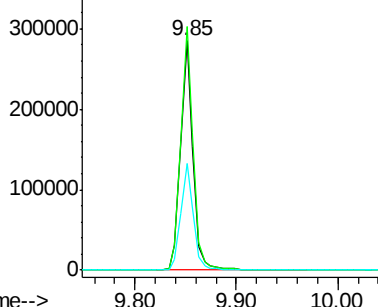
164 100

162 106.3 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

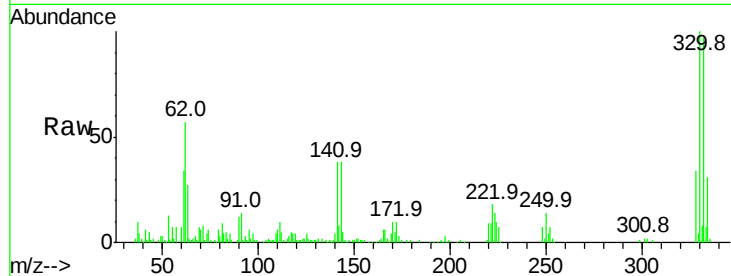




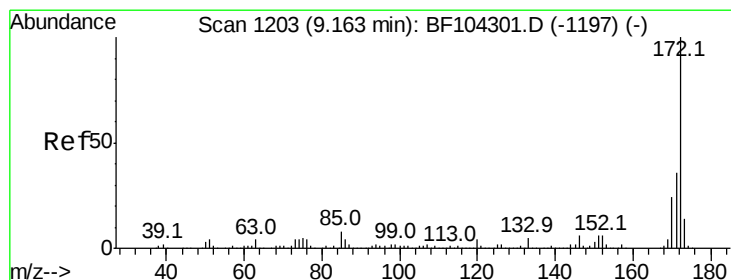
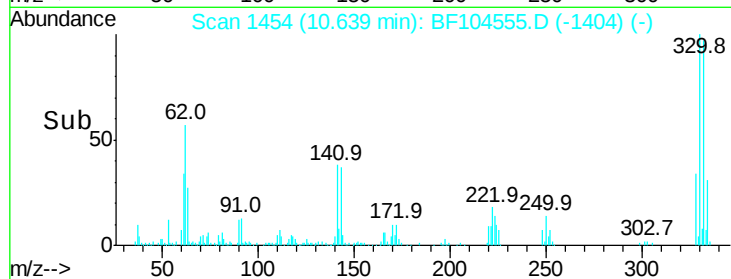
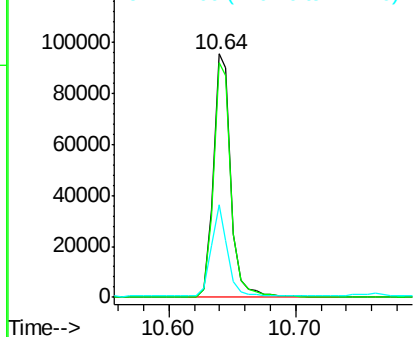
#41
 2,4,6-Tribromophenol
 Concen: 37.322 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF104555.D
 Acq: 17 Apr 2018 1:19

Instrument :
 BNA_F
 ClientSampleId :
 CO-7

Tot Ion:330 Resp: 93912
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.0 115.6
 141 33.8 29.9 44.9

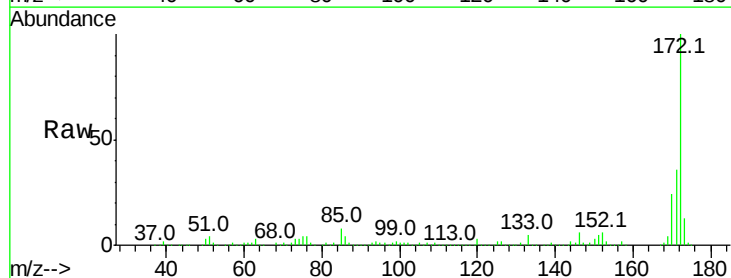


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

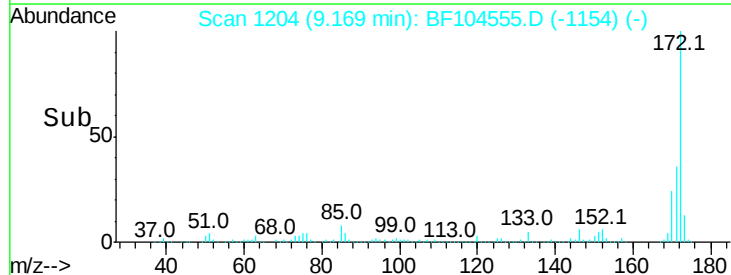
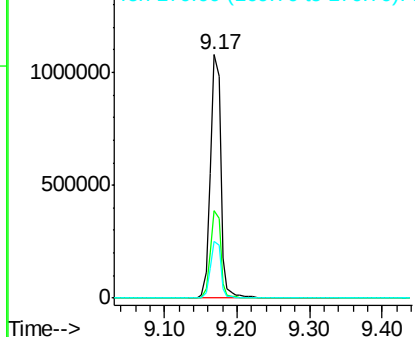


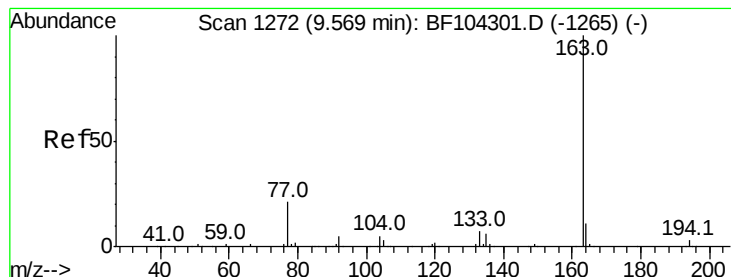
#44
 2-Fluorobiphenyl
 Concen: 70.390 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF104555.D
 Acq: 17 Apr 2018 1:19

Tgt Ion:172 Resp: 1080850
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.7 44.5
 170 23.5 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: 7.173 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.01 min

Lab File: BF104555.D

Acq: 17 Apr 2018 1:19

Instrument :

BNA_F

ClientSampleId :

CO-7

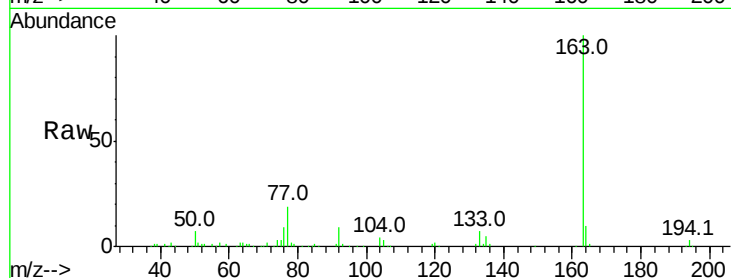
Tot Ion:163 Resp: 137203

Ion Ratio Lower Upper

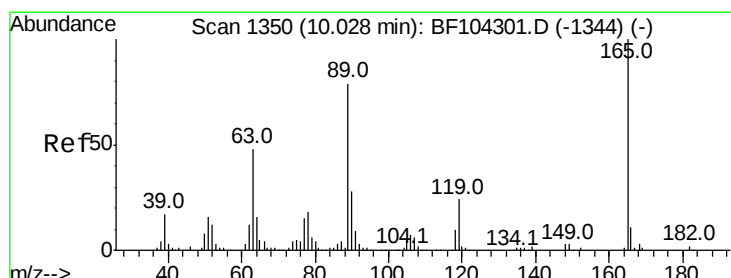
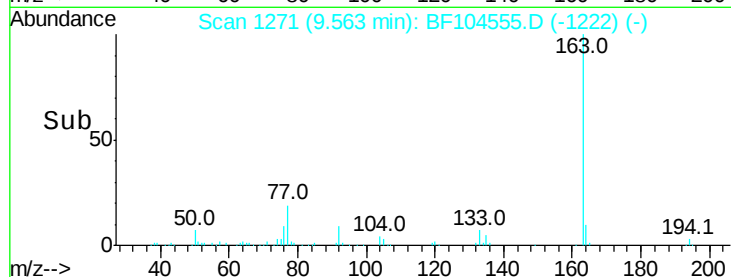
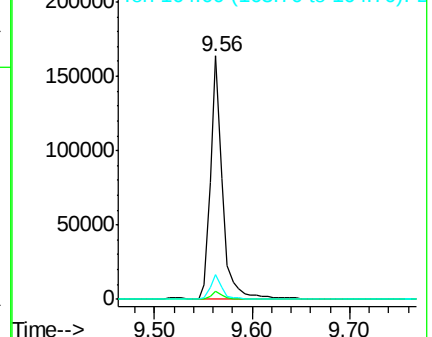
163 100

194 3.3 2.7 4.1

164 10.1 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: 6.681 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.19 min

Lab File: BF104555.D

Acq: 17 Apr 2018 1:19

Tgt Ion:165 Resp: 31019

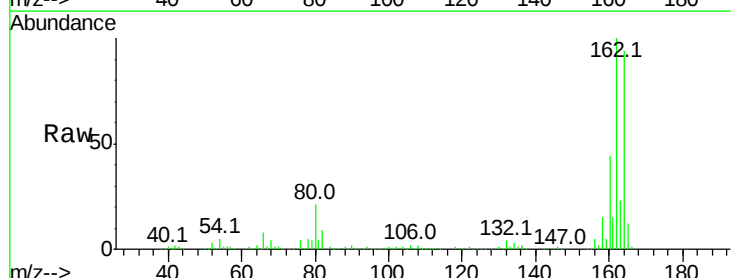
Ion Ratio Lower Upper

165 100

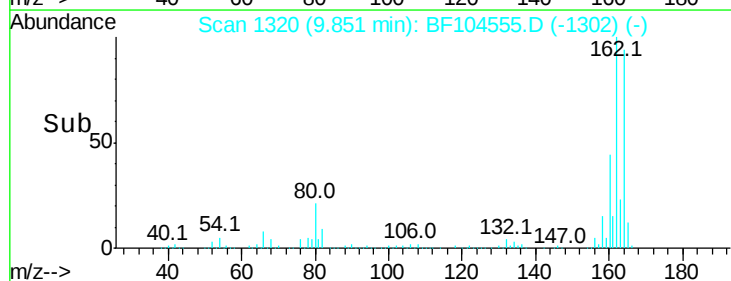
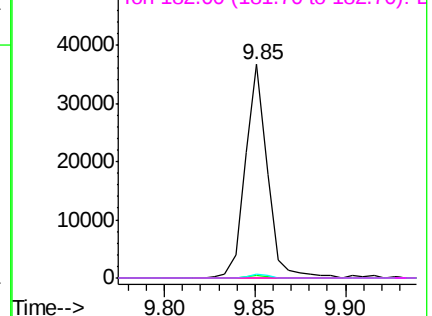
63 1.5 36.4 54.6#

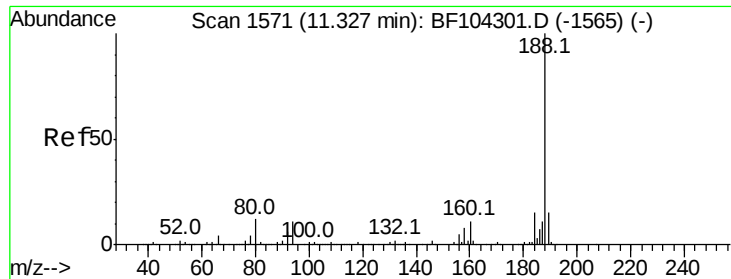
89 1.6 57.8 86.6#

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

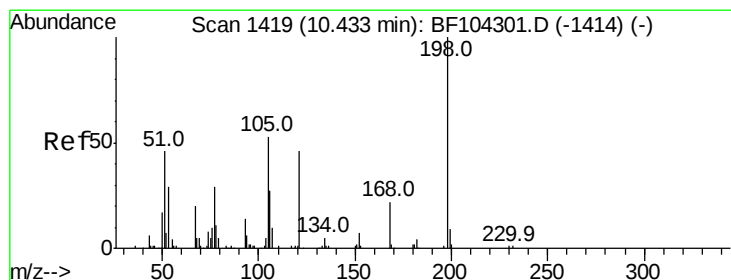
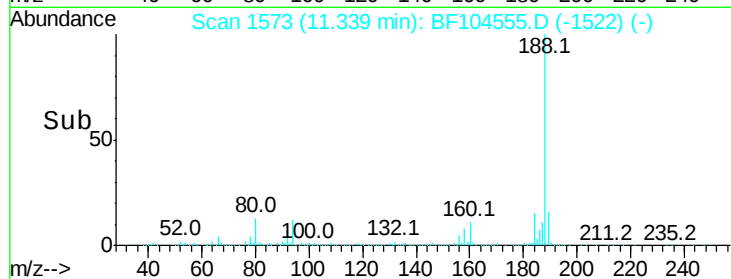
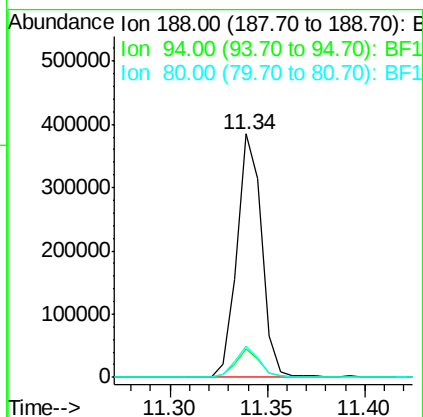
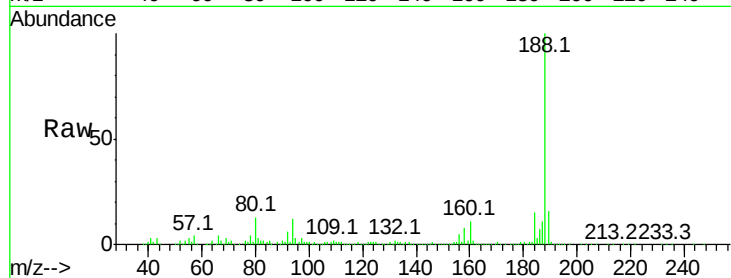




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.00 min
Lab File: BF104555.D
Acq: 17 Apr 2018 1:19

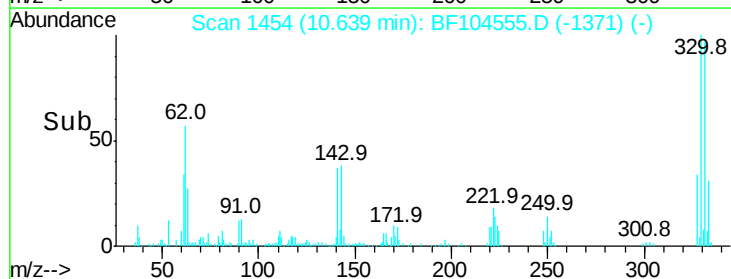
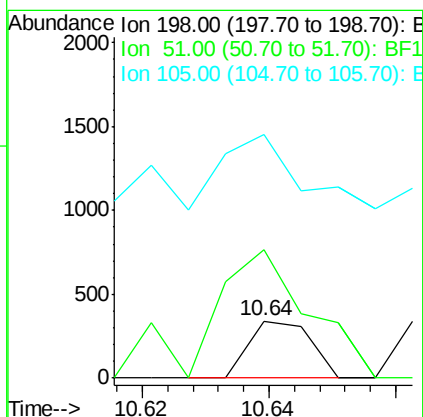
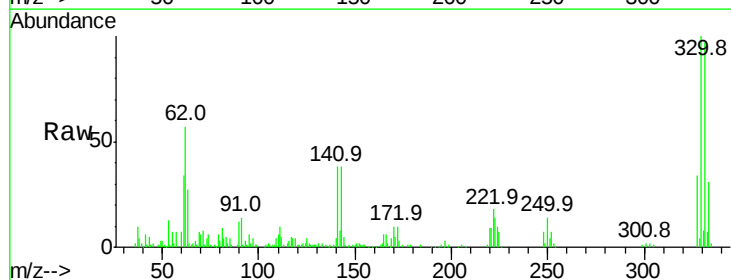
Instrument :
BNA_F
ClientSampleId :
CO-7

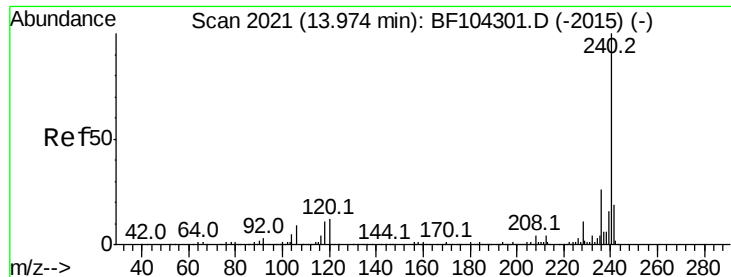
Tot Ion:188 Resp: 339720
Ion Ratio Lower Upper
188 100
94 11.8 8.5 12.7
80 12.8 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 7.464 ng
RT: 10.64 min Scan# 1454
Delta R.T. 0.19 min
Lab File: BF104555.D
Acq: 17 Apr 2018 1:19

Tgt Ion:198 Resp: 228
Ion Ratio Lower Upper
198 100
51 226.0 37.7 77.7#
105 429.6 36.3 76.3#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BF104555.D

Acq: 17 Apr 2018 1:19

Instrument :

BNA_F

ClientSampleId :

CO-7

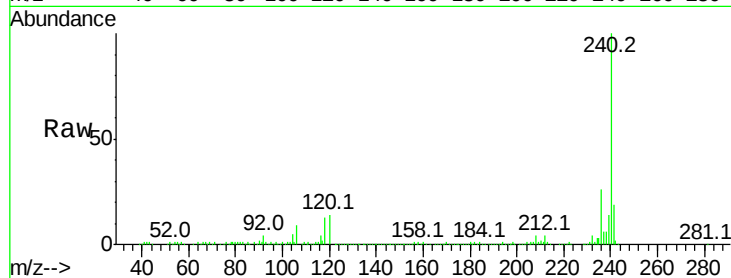
Tot Ion:240 Resp: 277270

Ion Ratio Lower Upper

240 100

120 14.3 9.5 14.3#

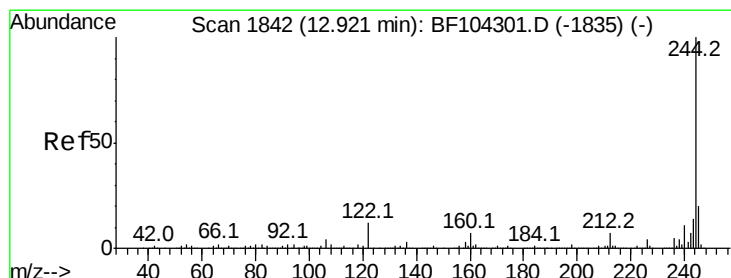
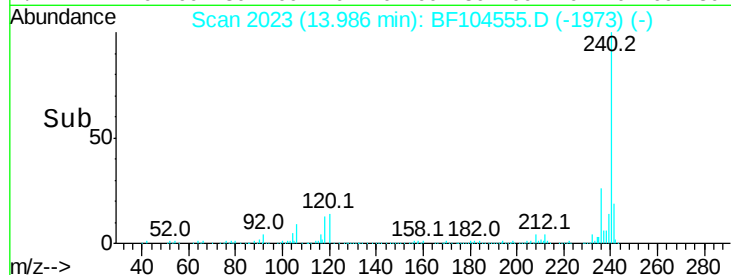
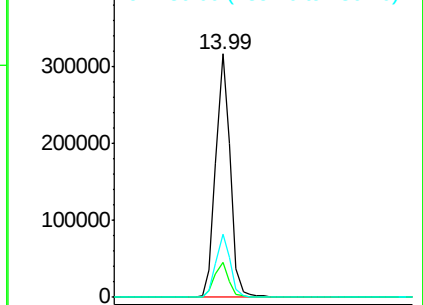
236 25.9 20.7 31.1



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: 62.207 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.00 min

Lab File: BF104555.D

Acq: 17 Apr 2018 1:19

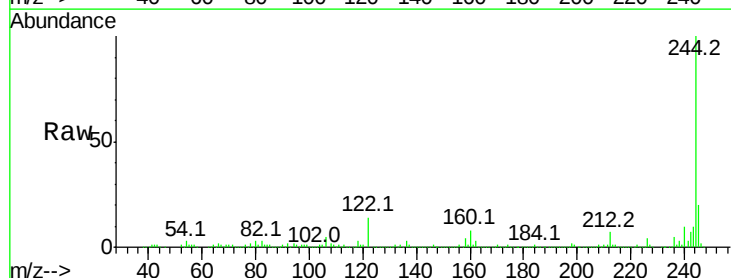
Tgt Ion:244 Resp: 756549

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

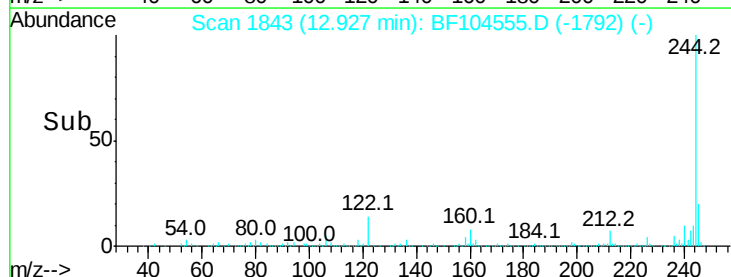
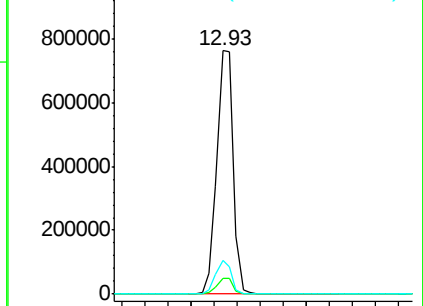
122 13.7 11.0 16.4

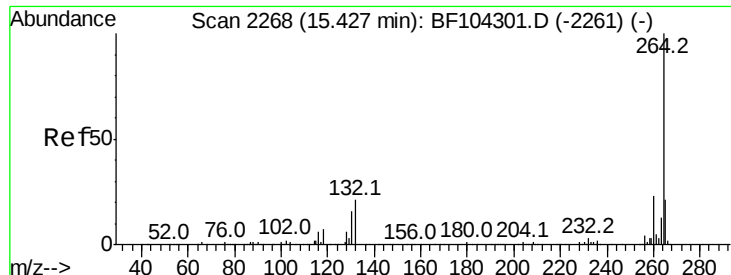


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.46 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: BF104555.D
 Acq: 17 Apr 2018 1:19

Instrument :
 BNA_F
 ClientSampleId :
 CO-7

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	21.3	17.5	26.3

