

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042518\
 Data File : BF104816.D
 Acq On : 26 Apr 2018 4:46
 Operator : JU/SJ
 Sample : J2542-01
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 26 08:25:04 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 25 14:01:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	105189	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	428653	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	179697	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	272042	20.00	ng	0.00
75) Chrysene-d12	13.97	240	224537	20.00	ng	-0.01
86) Perylene-d12	15.44	264	163583	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.42	112	589005	85.62	ng	0.00
7) Phenol-d6	6.44	99	800740	94.73	ng	0.00
23) Nitrobenzene-d5	7.37	82	509988	77.69	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	119470	64.09	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	923782	81.21	ng	0.00
78) Terphenyl-d14	12.92	244	697679	70.84	ng	0.00

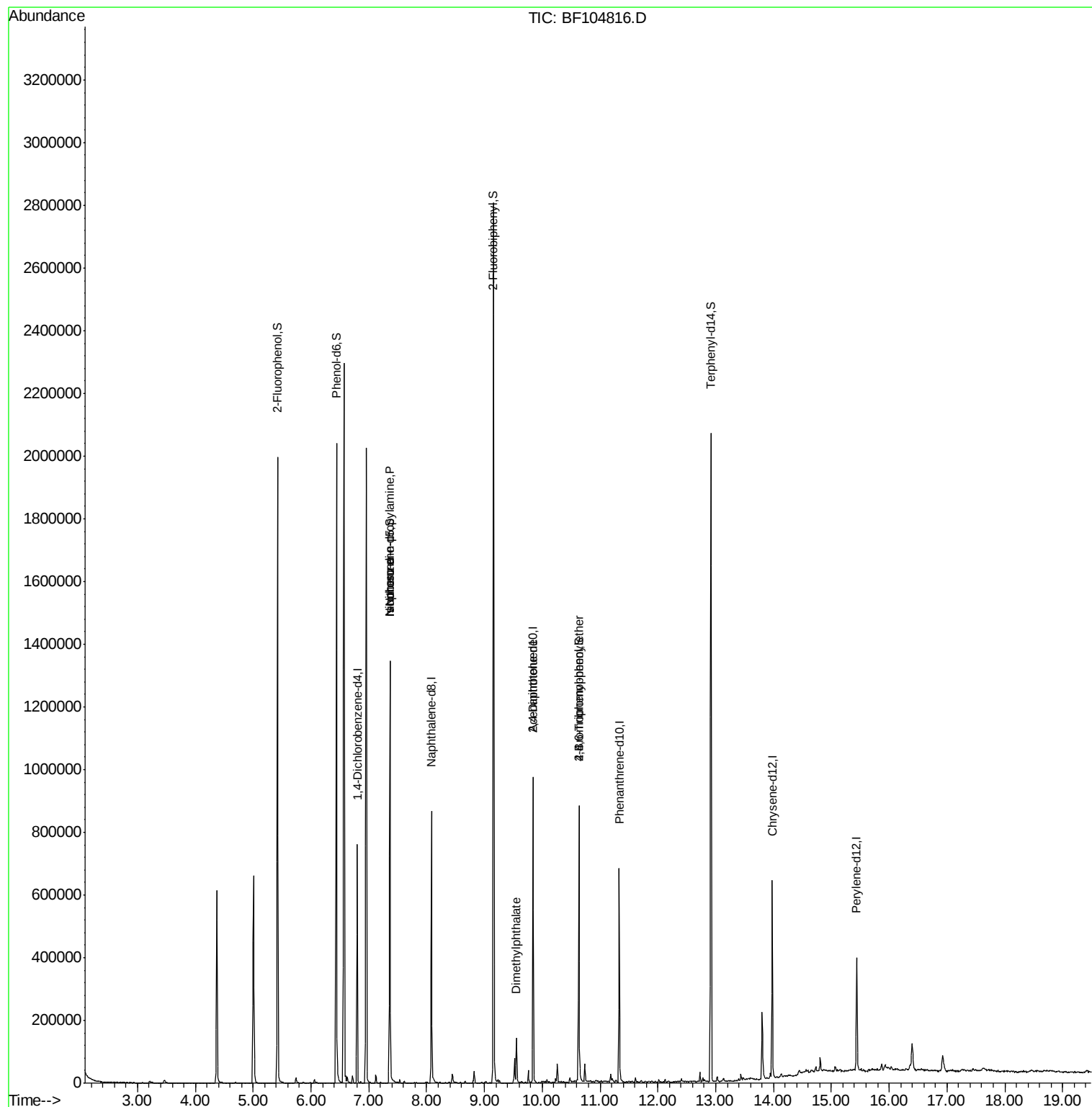
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.44	77	1067	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.37	70	67984	12.308	ng	# 71
25) Isophorone	7.37	82	509983	36.738	ng	# 64
49) Dimethylphthalate	9.55	163	64048	4.520	ng	96
56) 2,4-Dinitrotoluene	9.84	165	22881	6.653	ng	# 24
66) 4-Bromophenyl-phenylether	10.63	248	7427	2.567	ng	# 1
76) Benzidine	12.92	184	9469	Below Cal		96

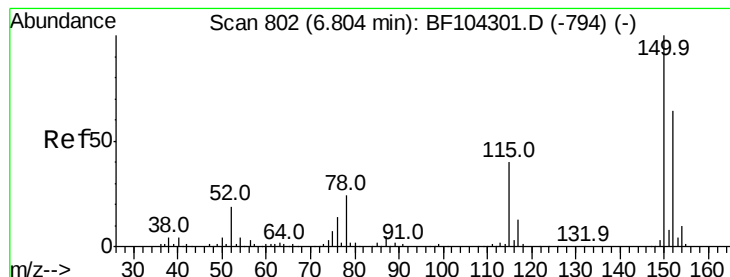
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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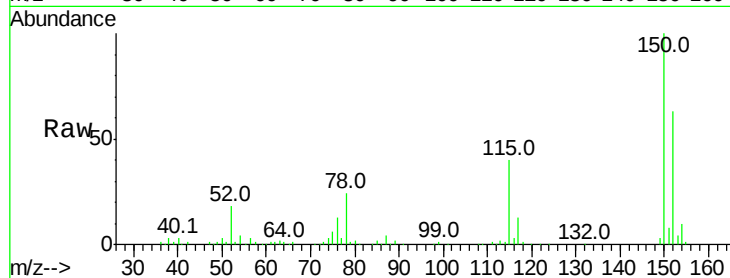


#1

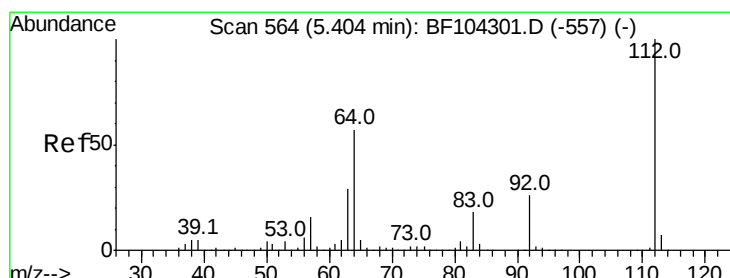
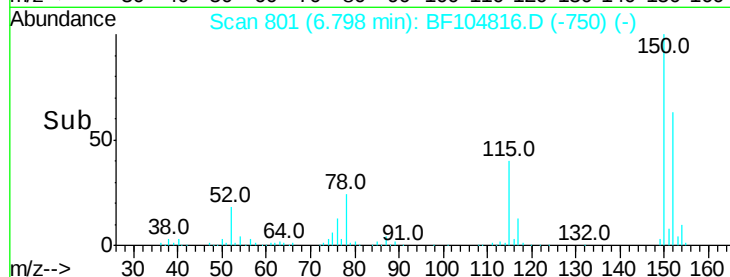
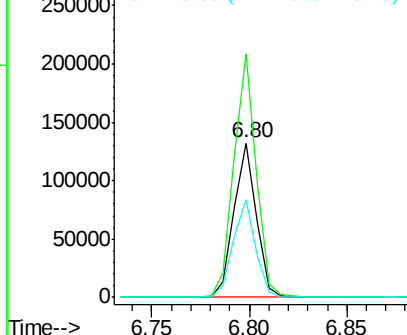
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 801
 Delta R.T. -0.00 min
 Lab File: BF104816.D
 Acq: 26 Apr 2018 4:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 105189
 Ion Ratio Lower Upper
 152 100
 150 157.6 124.6 186.8
 115 63.3 50.1 75.1



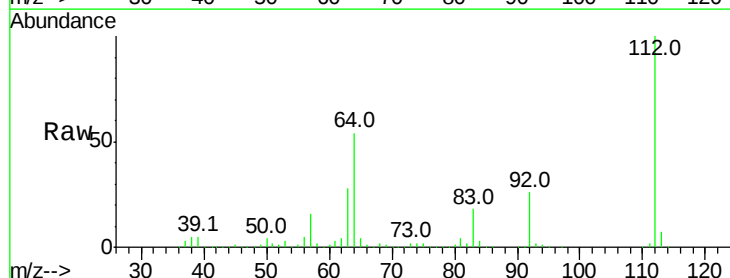
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



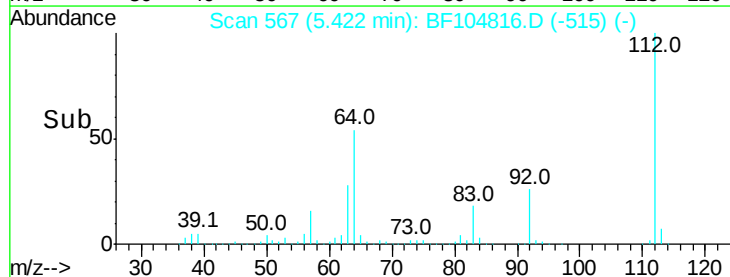
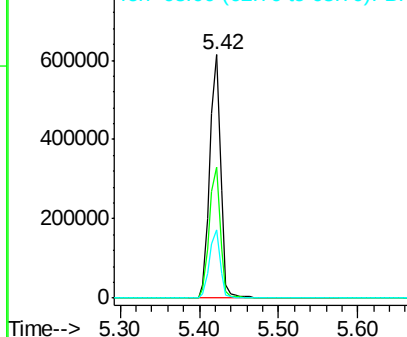
#5

2-Fluorophenol
 Concen: 85.619 ng
 RT: 5.42 min Scan# 567
 Delta R.T. 0.01 min
 Lab File: BF104816.D
 Acq: 26 Apr 2018 4:46

Tgt Ion:112 Resp: 589005
 Ion Ratio Lower Upper
 112 100
 64 53.9 47.9 71.9
 63 28.1 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: 94.734 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF104816.D

Acq: 26 Apr 2018 4:46

Instrument :

BNA_F

ClientSampled :

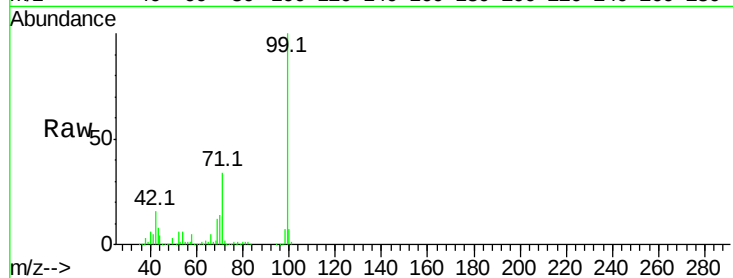
Tot Ion: 99 Resp: 800740

Ion Ratio Lower Upper

99 100

42 16.2 14.5 21.7

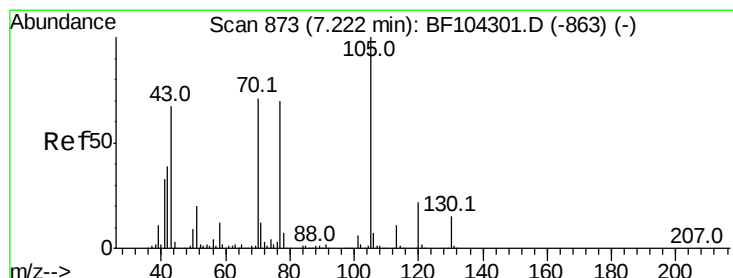
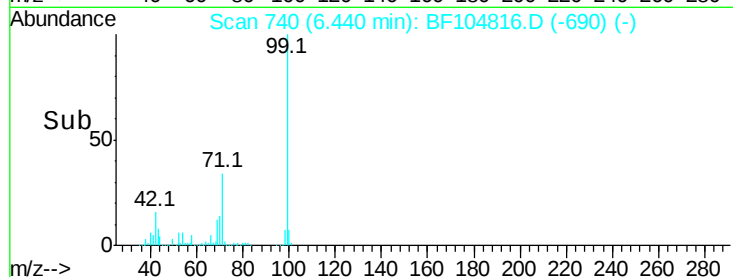
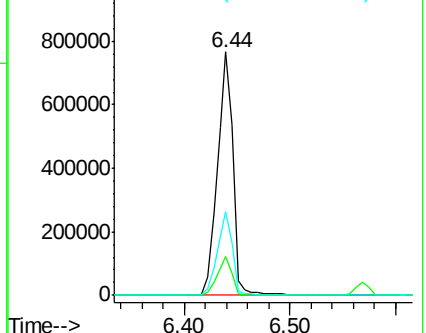
71 34.5 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 12.308 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.15 min

Lab File: BF104816.D

Acq: 26 Apr 2018 4:46

Tgt Ion: 70 Resp: 67984

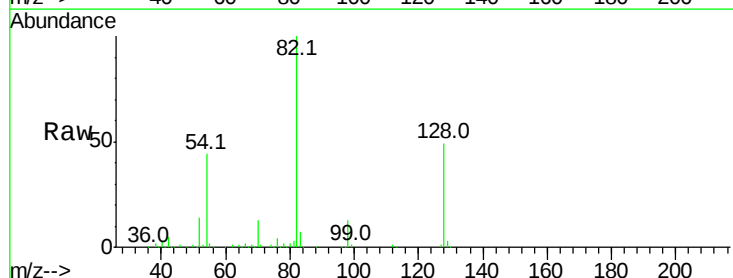
Ion Ratio Lower Upper

70 100

42 40.1 47.5 71.3#

101 0.0 7.4 11.2#

130 2.5 16.6 25.0#

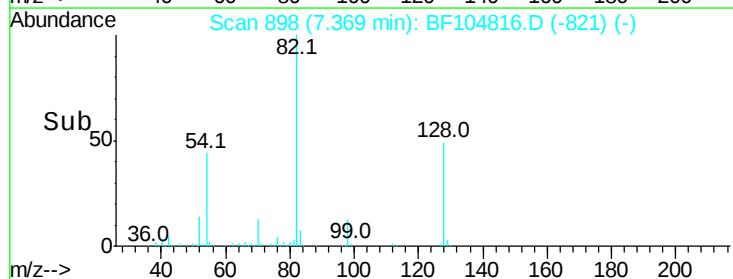
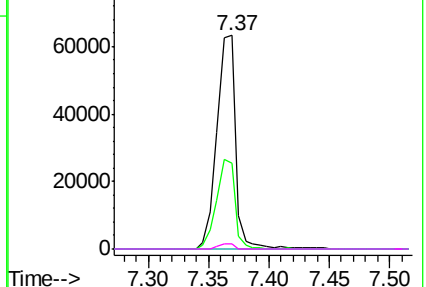


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

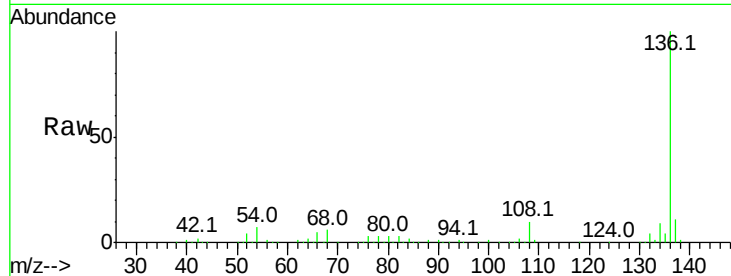




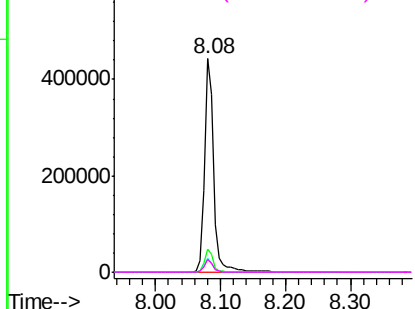
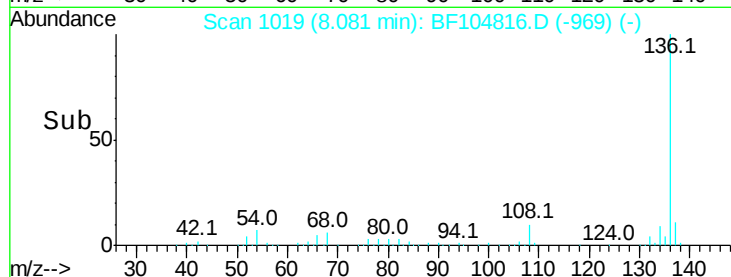
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF104816.D
Acq: 26 Apr 2018 4:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	428653
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	6.7	6.6	9.8
68	5.8	5.0	7.4

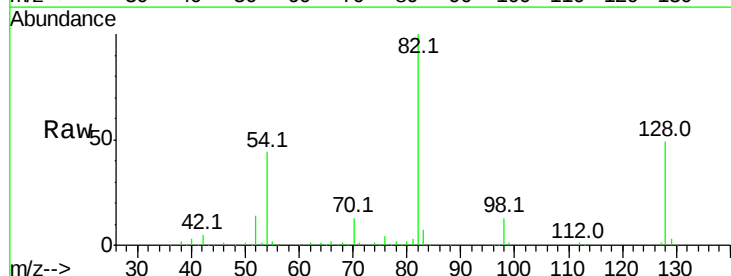


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

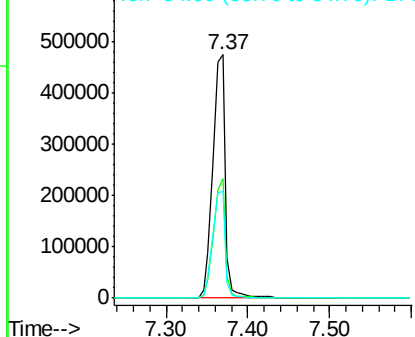
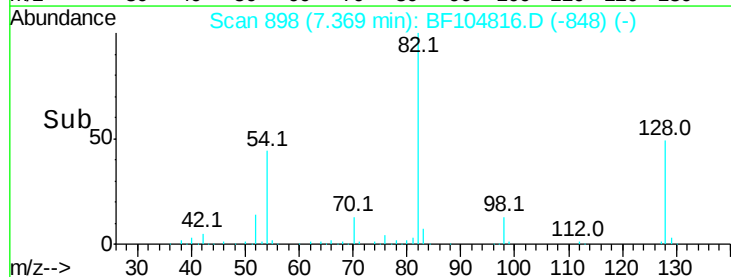


#23
Nitrobenzene-d5
Concen: 77.688 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF104816.D
Acq: 26 Apr 2018 4:46

Tgt Ion:	82	Resp:	509988
Ion	Ratio	Lower	Upper
82	100		
128	49.1	36.1	54.1
54	43.6	41.4	62.2



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





#25

Isophorone

Concen: 36.738 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.26 min

Lab File: BF104816.D

Acq: 26 Apr 2018 4:46

Instrument :

BNA_F

ClientSampleId :

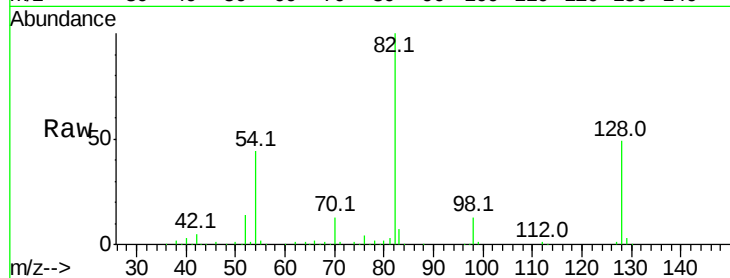
Tot Ion: 82 Resp: 509983

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

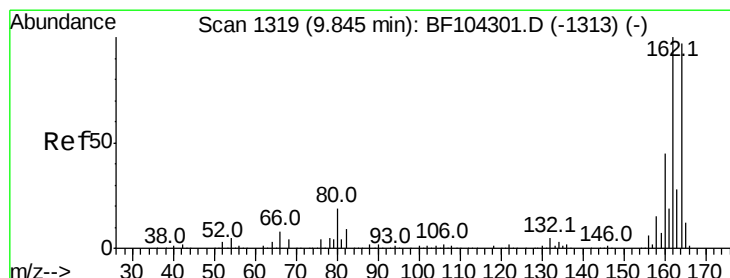
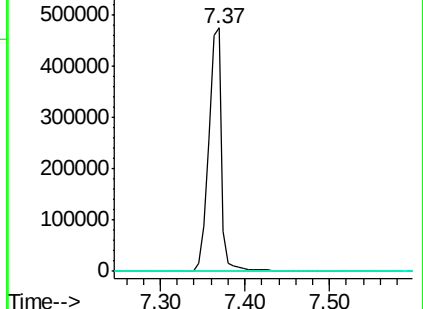
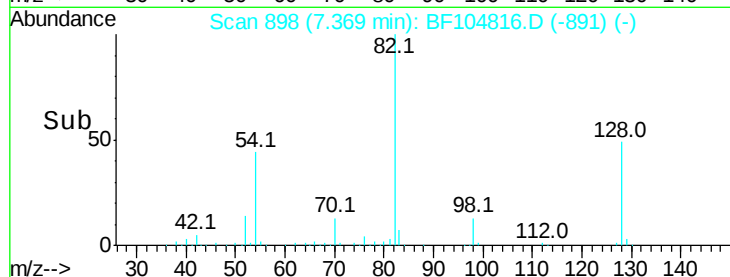
138 0.0 14.9 22.3#



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: BF104816.D

Acq: 26 Apr 2018 4:46

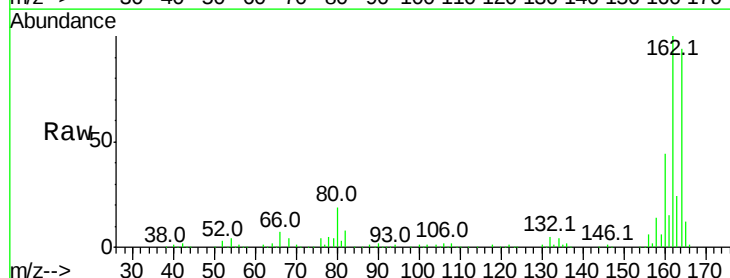
Tgt Ion:164 Resp: 179697

Ion Ratio Lower Upper

164 100

162 106.4 86.1 129.1

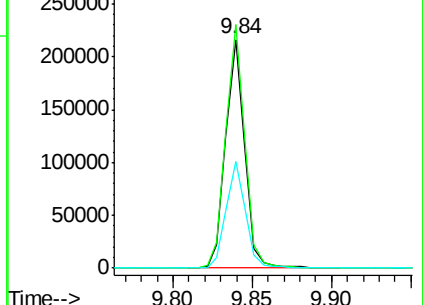
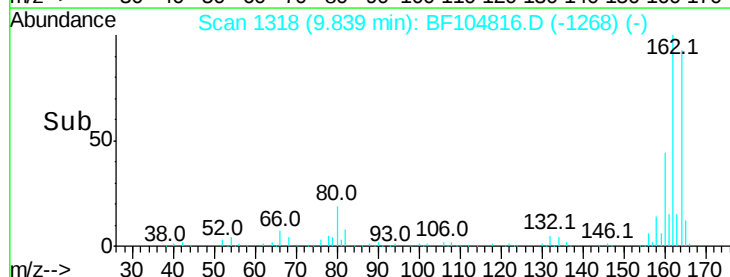
160 46.5 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

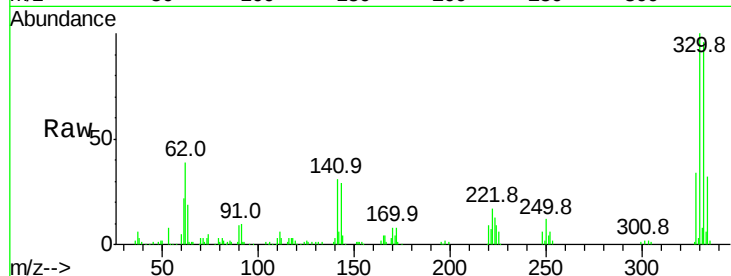




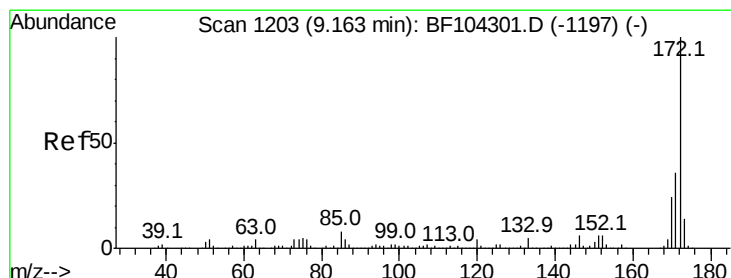
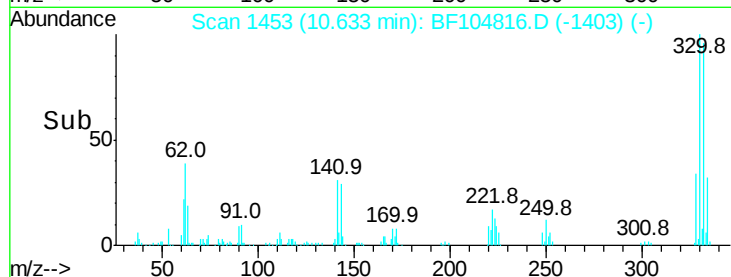
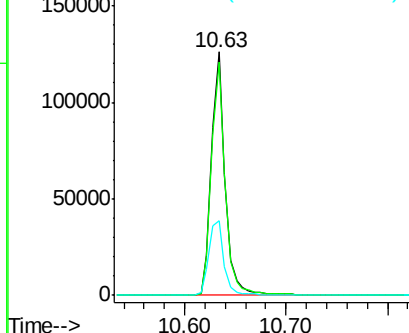
#41
 2,4,6-Tribromophenol
 Concen: 64.092 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF104816.D
 Acq: 26 Apr 2018 4:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	34.2	29.9	44.9

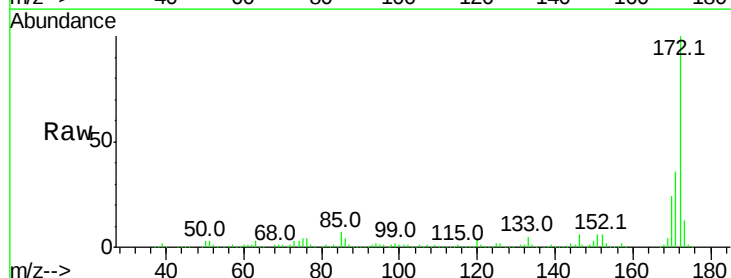


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

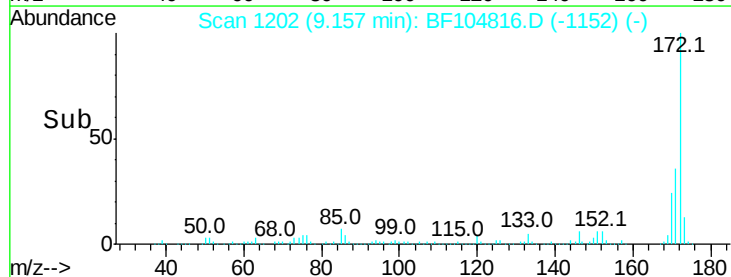
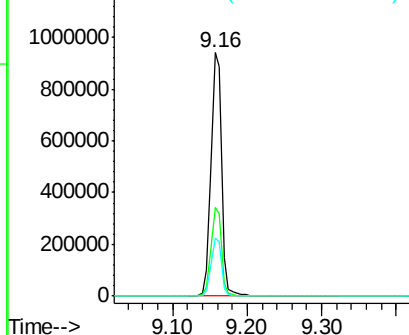


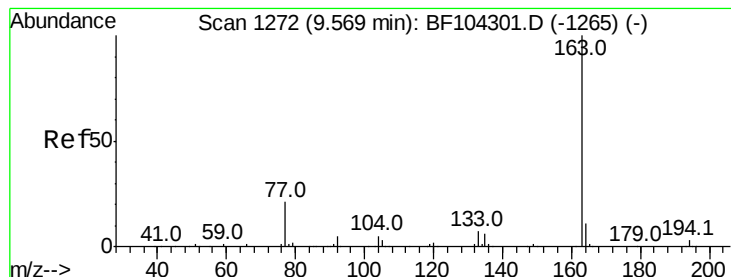
#44
 2-Fluorobiphenyl
 Concen: 81.211 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF104816.D
 Acq: 26 Apr 2018 4:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	23.9	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: 4.520 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.02 min

Lab File: BF104816.D

Acq: 26 Apr 2018 4:46

Instrument :

BNA_F

ClientSampleId :

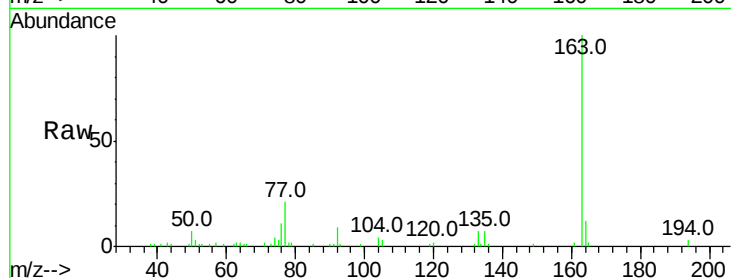
Tot Ion:163 Resp: 64048

Ion Ratio Lower Upper

163 100

194 3.1 2.7 4.1

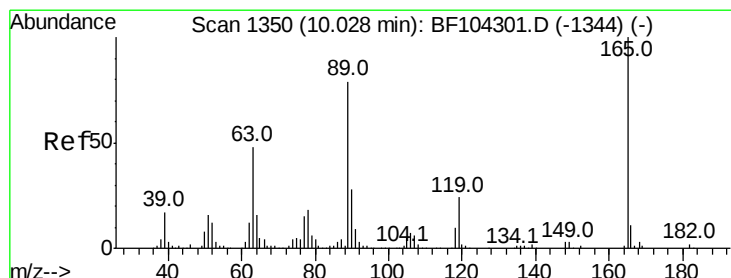
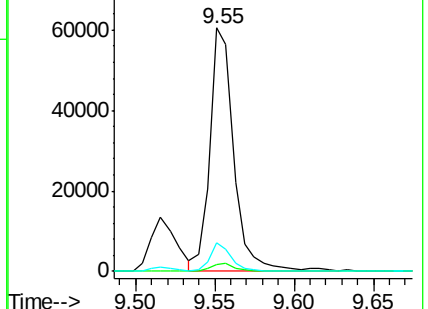
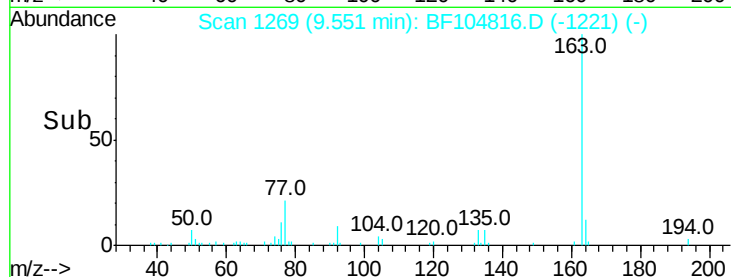
164 11.8 8.2 12.2



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: 6.653 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.20 min

Lab File: BF104816.D

Acq: 26 Apr 2018 4:46

Tgt Ion:165 Resp: 22881

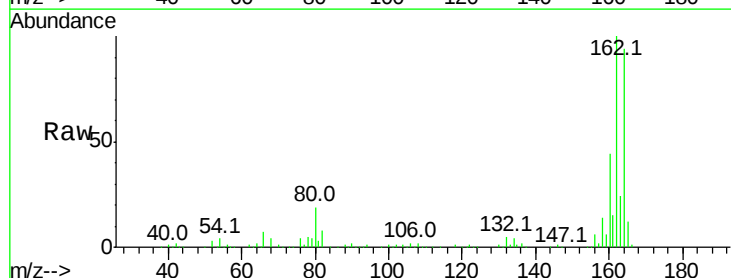
Ion Ratio Lower Upper

165 100

63 1.5 36.4 54.6#

89 1.8 57.8 86.6#

182 0.0 1.6 2.4#

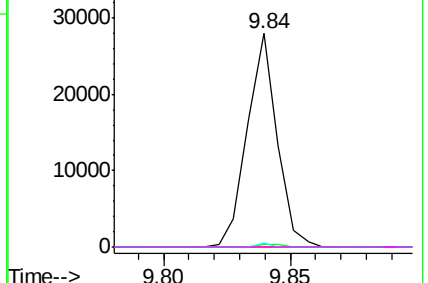
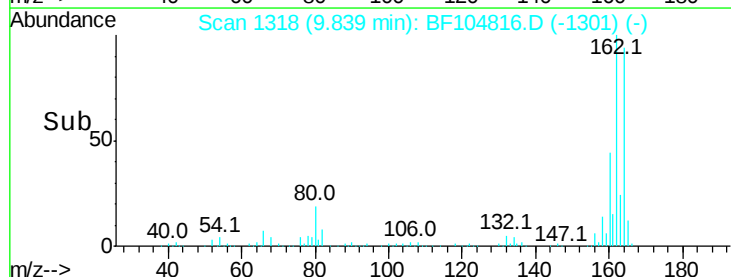


Abundance Ion 165.00 (164.70 to 165.70): E

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

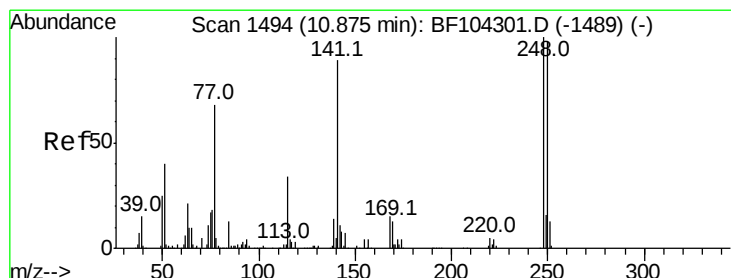
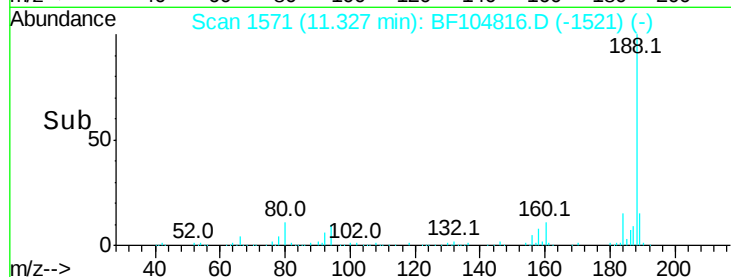
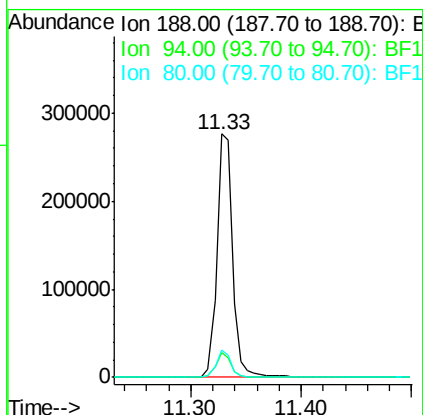
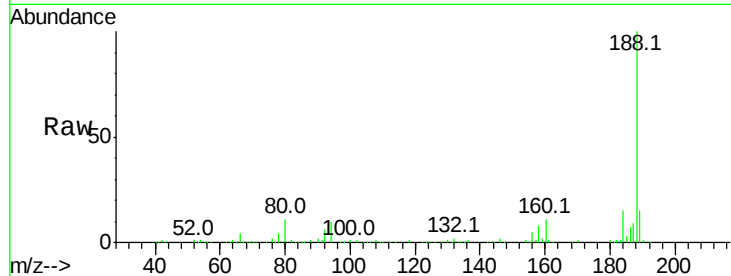




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF104816.D
Acq: 26 Apr 2018 4:46

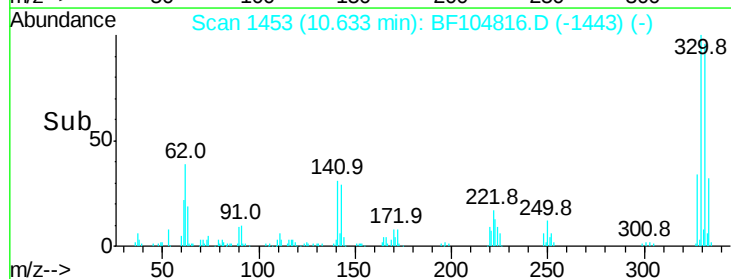
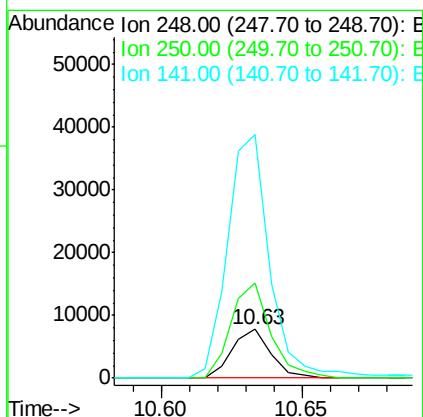
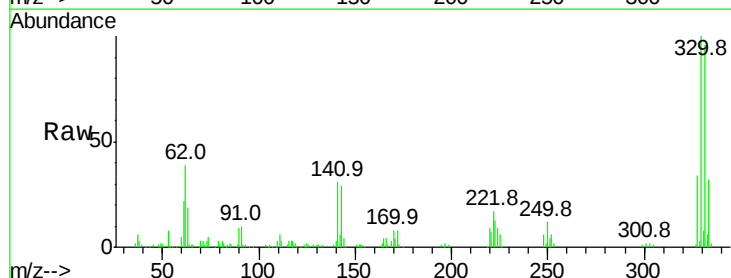
Instrument :
BNA_F
ClientSampleId :

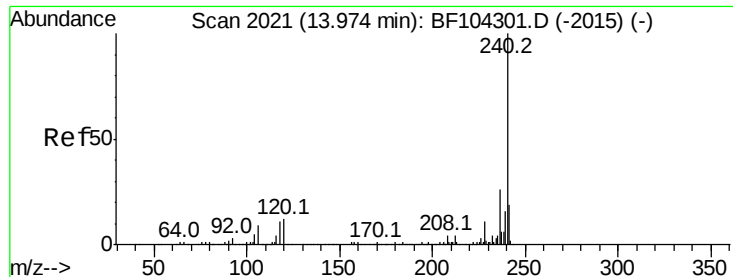
Tot Ion:188 Resp: 272042
Ion Ratio Lower Upper
188 100
94 10.3 8.5 12.7
80 11.2 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 2.567 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.24 min
Lab File: BF104816.D
Acq: 26 Apr 2018 4:46

Tgt Ion:248 Resp: 7427
Ion Ratio Lower Upper
248 100
250 193.5 76.9 115.3#
141 498.1 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.01 min

Lab File: BF104816.D

Acq: 26 Apr 2018 4:46

Instrument :

BNA_F

ClientSampleId :

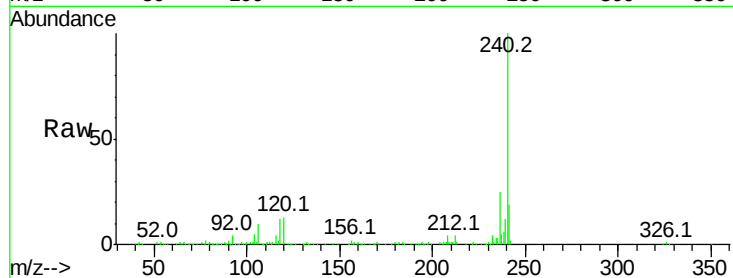
Tot Ion:240 Resp: 224537

Ion Ratio Lower Upper

240 100

120 13.2 9.5 14.3

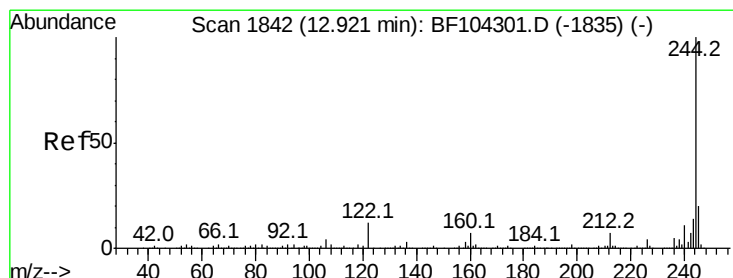
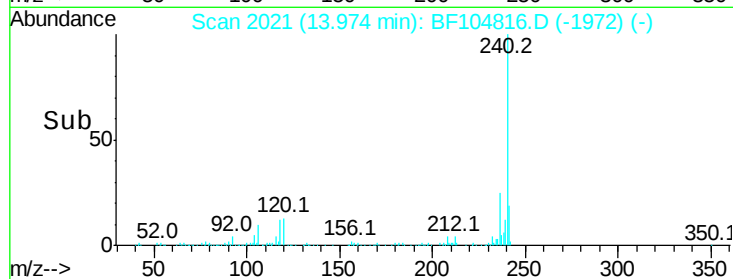
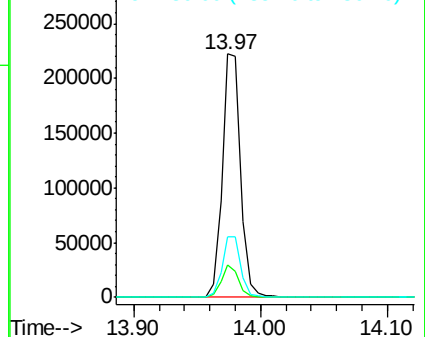
236 25.0 20.7 31.1



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: 70.839 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.01 min

Lab File: BF104816.D

Acq: 26 Apr 2018 4:46

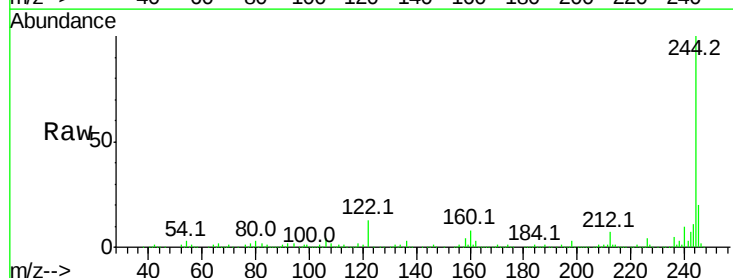
Tgt Ion:244 Resp: 697679

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

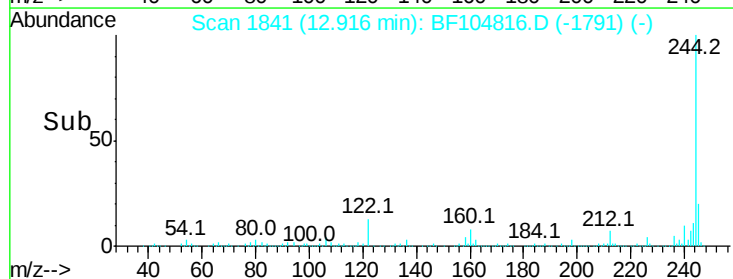
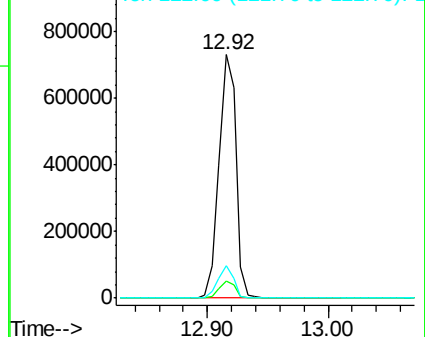
122 13.2 11.0 16.4

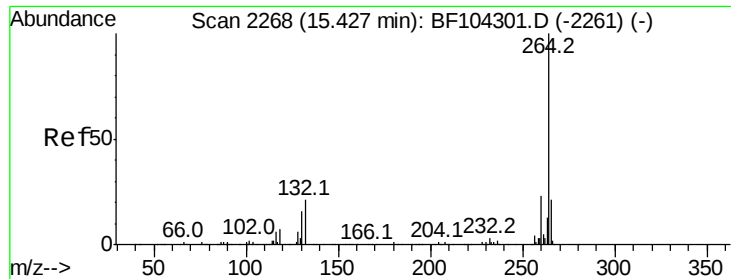


Abundance Ion 244.00 (243.70 to 244.70): E

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. -0.02 min
 Lab File: BF104816.D
 Acq: 26 Apr 2018 4:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 264 Resp: 163583
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.2 28.8
 265 21.9 17.5 26.3

