

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042618\
 Data File : BF104874.D
 Acq On : 27 Apr 2018 10:31
 Operator : JU/SJ
 Sample : J2515-04
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 27 11:12:47 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

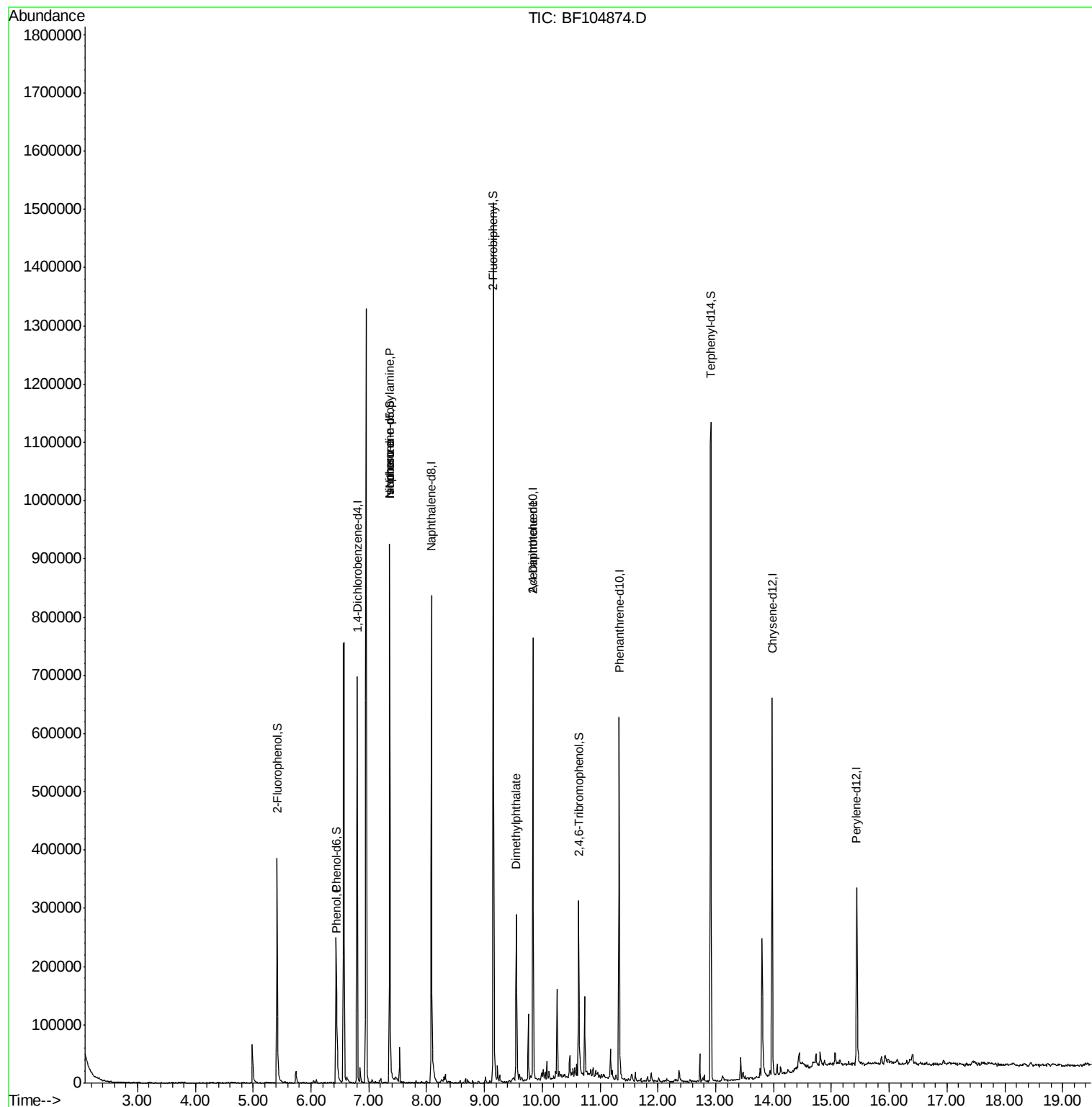
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	106361	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	404845	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	148058	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	235992	20.00	ng	0.00
75) Chrysene-d12	13.97	240	217081	20.00	ng	-0.01
86) Perylene-d12	15.44	264	144680	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	133524	19.20	ng	0.00
7) Phenol-d6	6.43	99	103216	12.08	ng	-0.01
23) Nitrobenzene-d5	7.36	82	299352	48.28	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	44921	29.25	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	494832	52.80	ng	0.00
78) Terphenyl-d14	12.92	244	390201	40.98	ng	0.00
Target Compounds						
9) Benzaldehyde	6.45	77	422	Below Cal		Qvalue
10) Phenol	6.45	94	36453	4.020 ng	#	1
19) n-Nitroso-di-n-propylamine	7.36	70	38123	6.826 ng	#	72
25) Isophorone	7.36	82	299348	22.832 ng	#	64
49) Dimethylphthalate	9.55	163	117876	10.096 ng		99
56) 2,4-Dinitrotoluene	9.84	165	18997	6.704 ng	#	22
76) Benizidine	12.91	184	4915	Below Cal	#	91

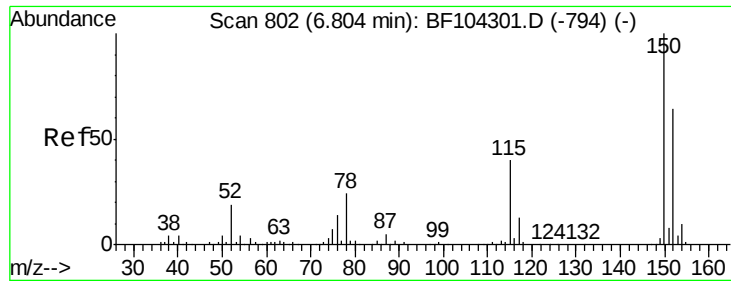
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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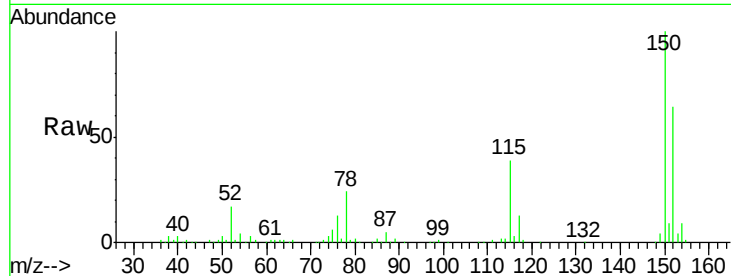


#1

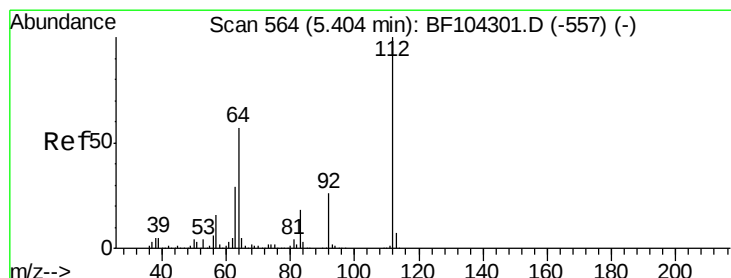
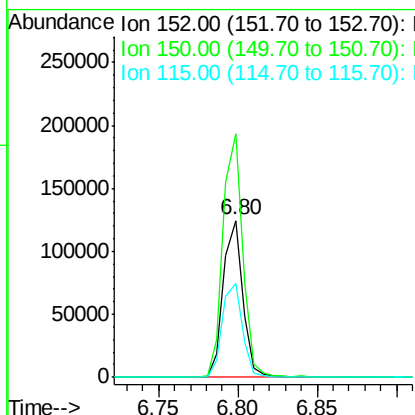
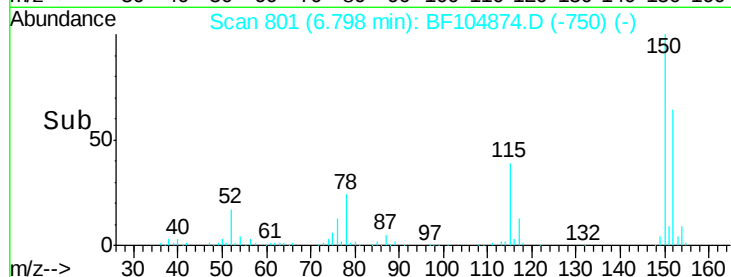
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF104874.D
Acq: 27 Apr 2018 10:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 106361
Ion Ratio Lower Upper
152 100
150 155.5 124.6 186.8
115 60.3 50.1 75.1



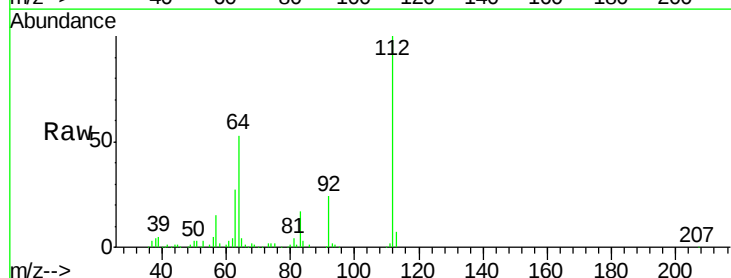
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



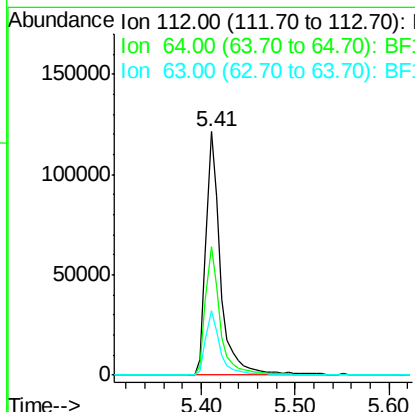
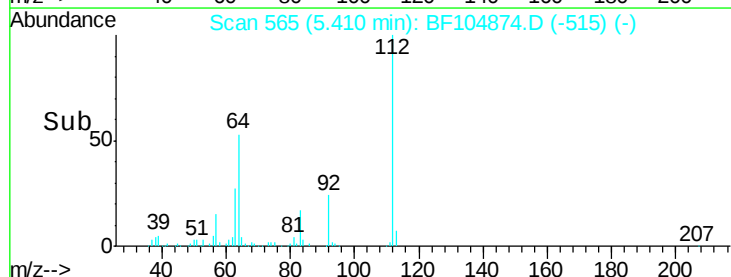
#5

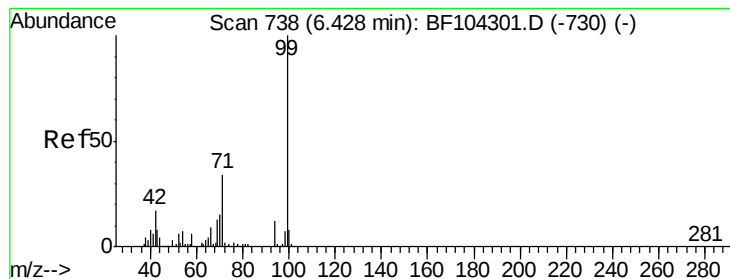
2-Fluorophenol
Concen: 19.196 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF104874.D
Acq: 27 Apr 2018 10:31

Tgt Ion:112 Resp: 133524
Ion Ratio Lower Upper
112 100
64 52.8 47.9 71.9
63 26.6 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: 12.077 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF104874.D

Acq: 27 Apr 2018 10:31

Instrument :

BNA_F

ClientSampleId :

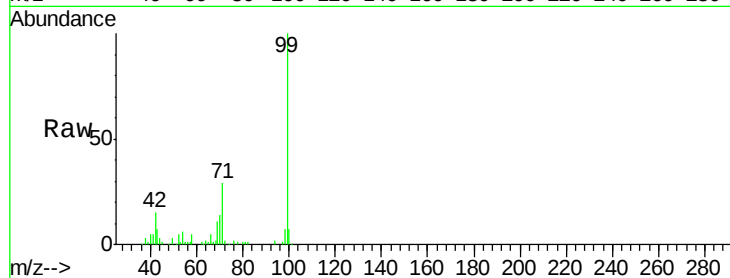
Tot Ion: 99 Resp: 103216

Ion Ratio Lower Upper

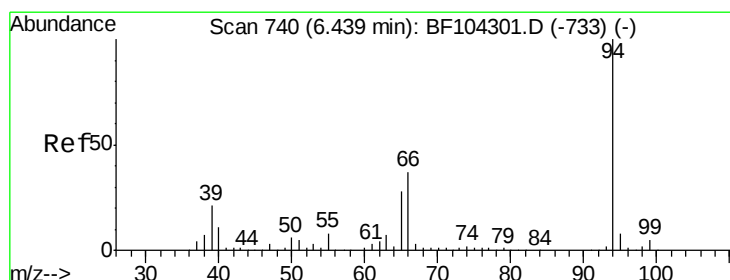
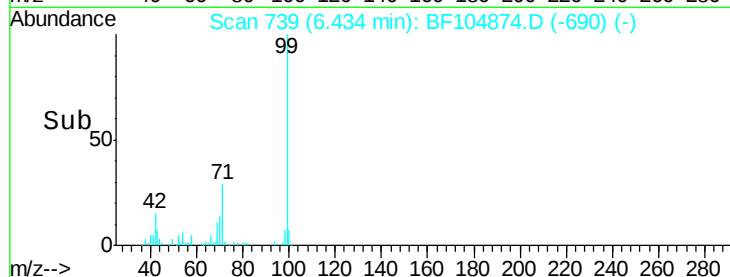
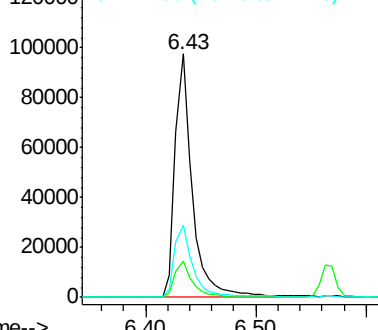
99 100

42 14.8 14.5 21.7

71 29.4 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: 4.020 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF104874.D

Acq: 27 Apr 2018 10:31

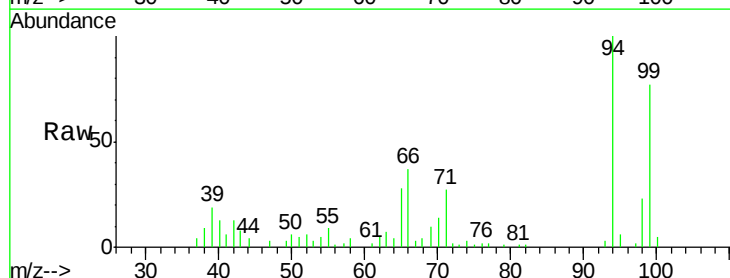
Tgt Ion: 94 Resp: 36453

Ion Ratio Lower Upper

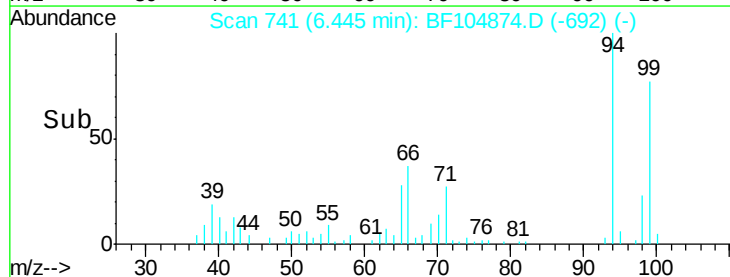
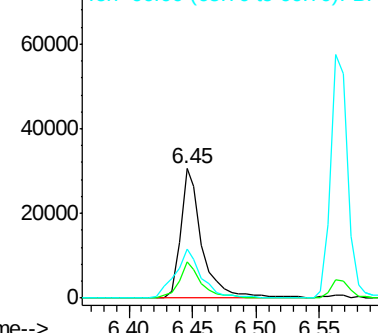
94 100

65 27.7 7.9 47.9

66 37.4 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

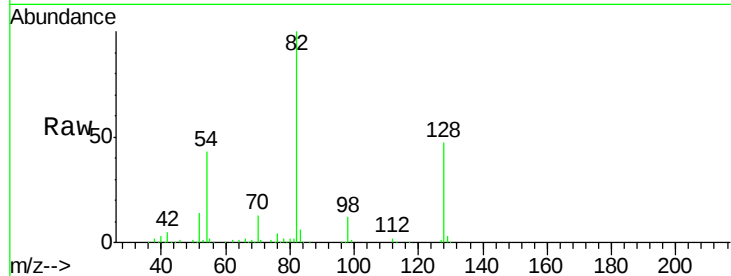




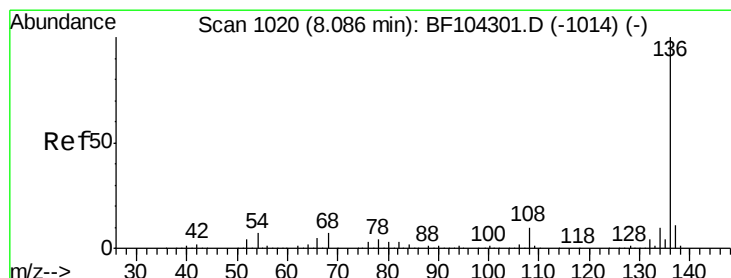
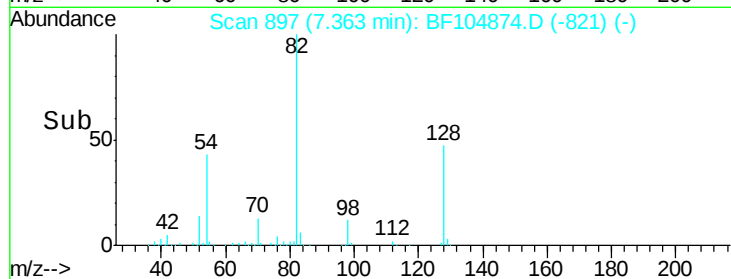
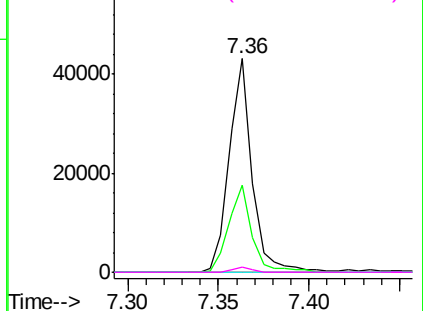
#19
n-Nitroso-di-n-propylamine
Concen: 6.826 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.15 min
Lab File: BF104874.D
Acq: 27 Apr 2018 10:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 38123
Ion Ratio Lower Upper
70 100
42 40.9 47.5 71.3#
101 0.0 7.4 11.2#
130 2.3 16.6 25.0#

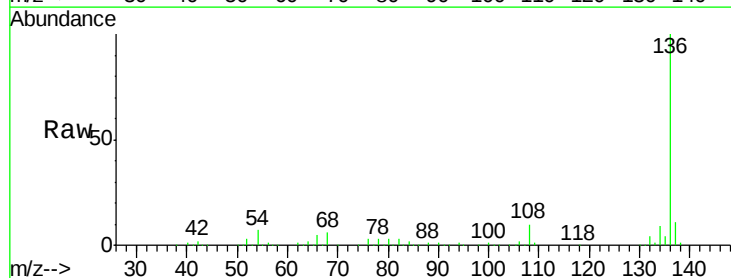


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

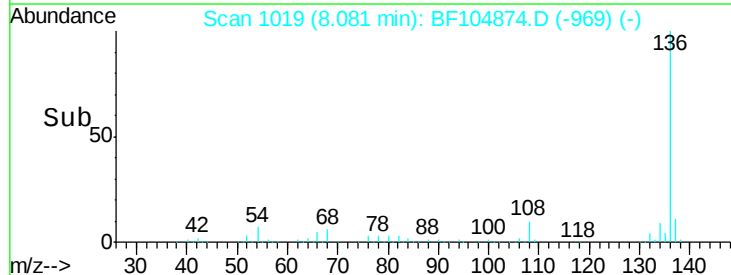
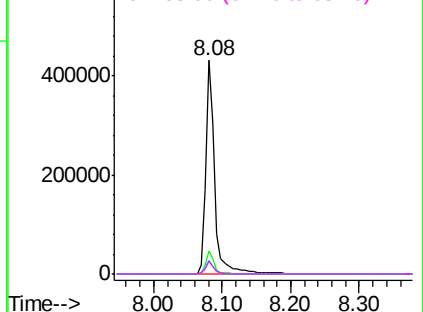


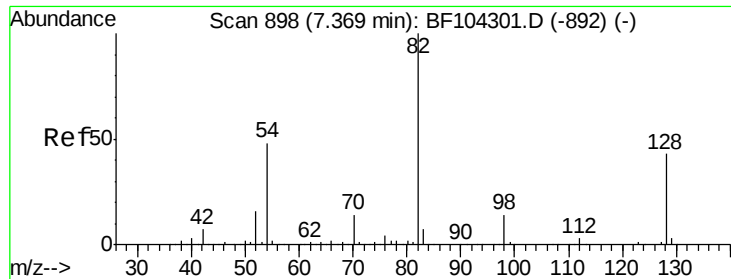
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF104874.D
Acq: 27 Apr 2018 10:31

Tgt Ion:136 Resp: 404845
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 6.6 6.6 9.8
68 5.9 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

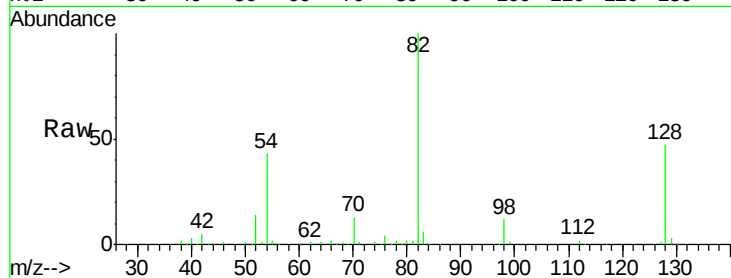




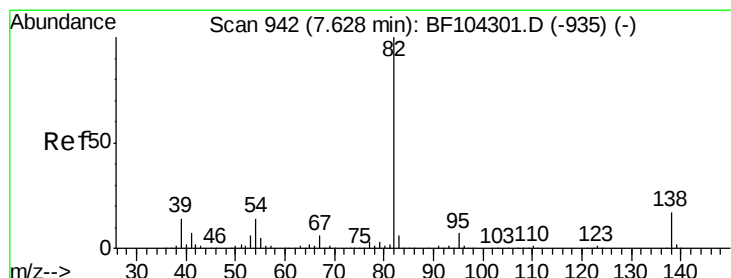
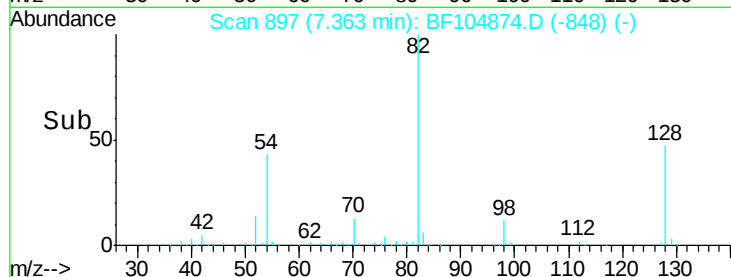
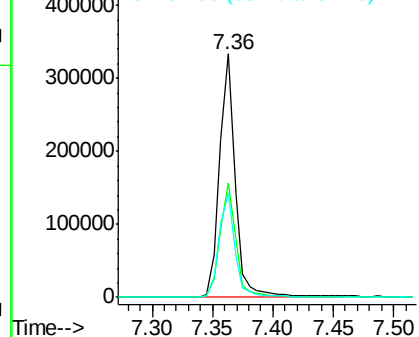
#23
Nitrobenzene-d5
Concen: 48.283 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF104874.D
Acq: 27 Apr 2018 10:31

Instrument :
BNA_F
ClientSampled :

Tot Ion	82	Resp	299352
Ion Ratio	100	Lower	Upper
128	47.2	36.1	54.1
54	42.9	41.4	62.2

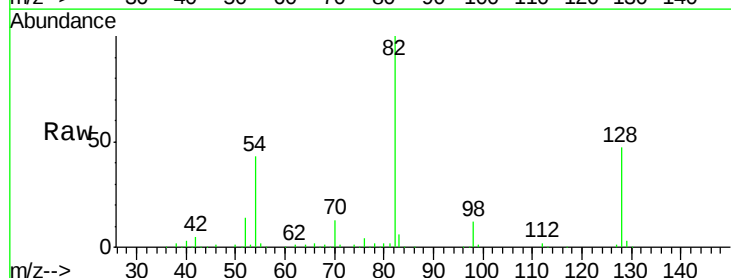


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

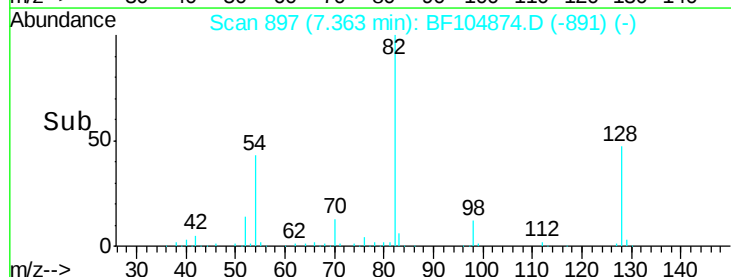
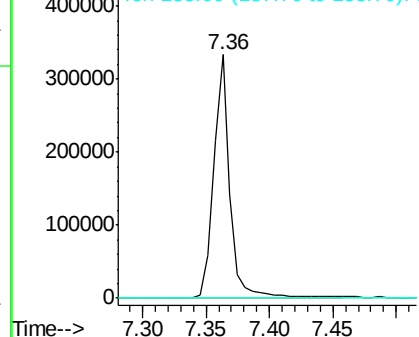


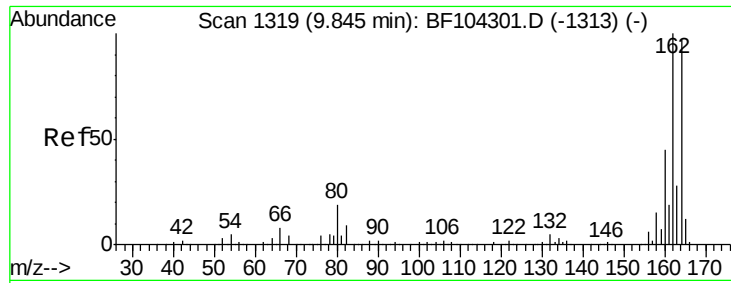
#25
Isophorone
Concen: 22.832 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.26 min
Lab File: BF104874.D
Acq: 27 Apr 2018 10:31

Tgt Ion	82	Resp	299348
Ion Ratio	100	Lower	Upper
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

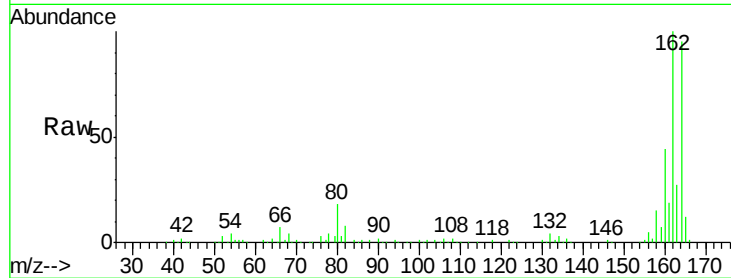




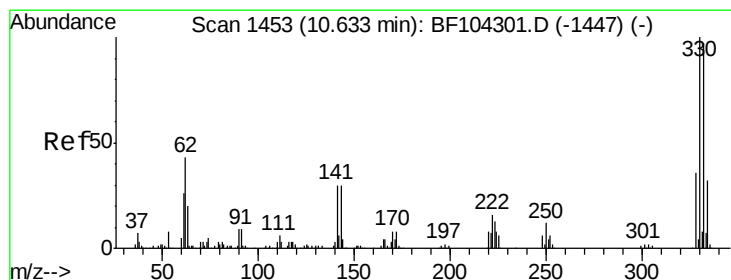
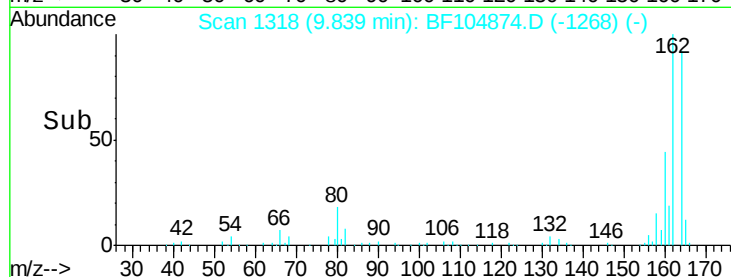
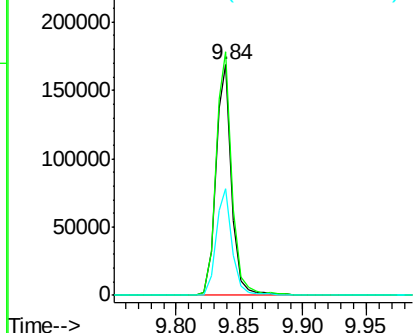
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BF104874.D
 Acq: 27 Apr 2018 10:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 148058
 Ion Ratio Lower Upper
 164 100
 162 105.7 86.1 129.1
 160 46.2 38.3 57.5

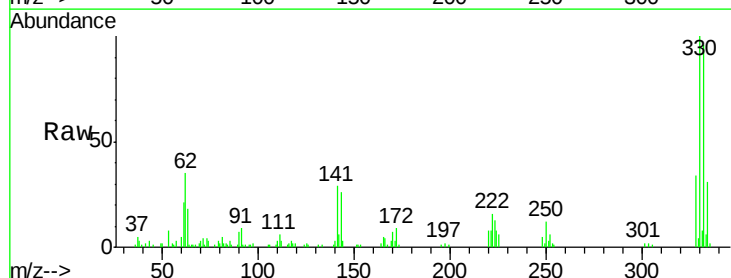


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

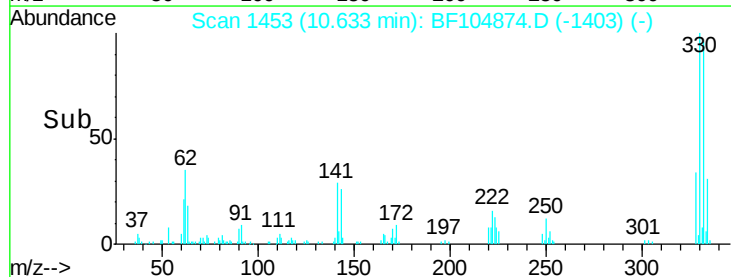
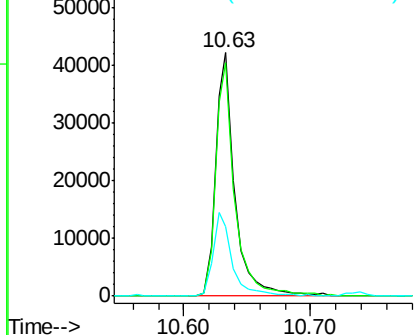


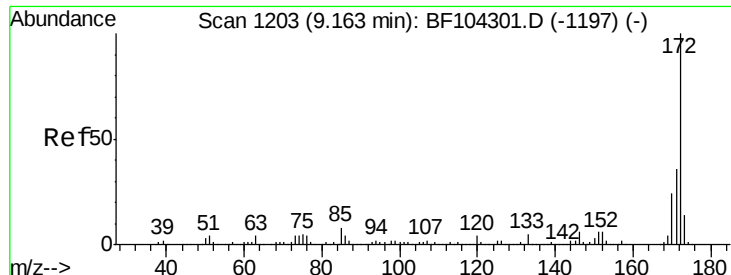
#41
 2,4,6-Tribromophenol
 Concen: 29.248 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF104874.D
 Acq: 27 Apr 2018 10:31

Tgt Ion:330 Resp: 44921
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.0 115.6
 141 34.9 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

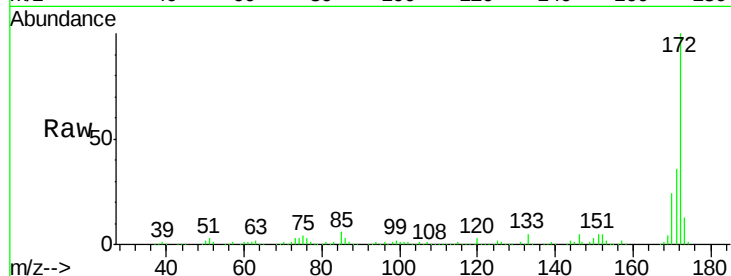




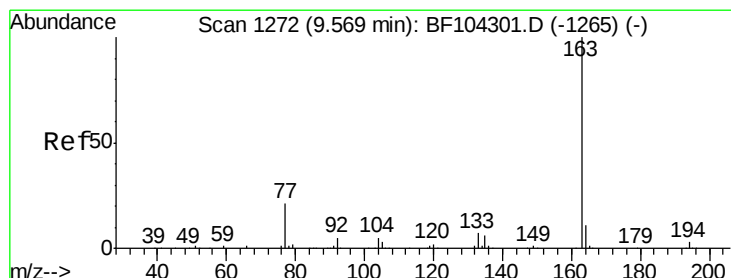
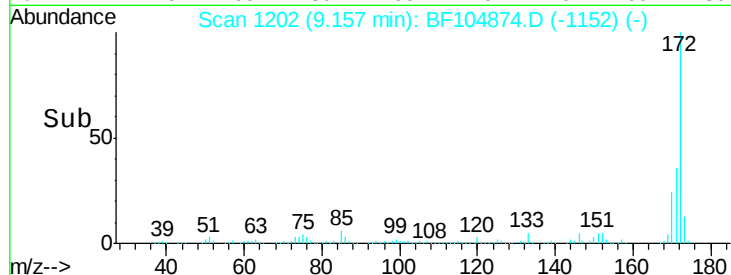
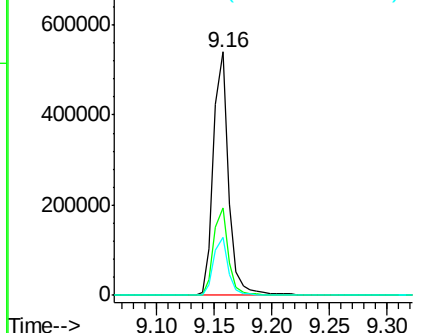
#44
2-Fluorobiphenyl
Concen: 52.798 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BF104874.D
Acq: 27 Apr 2018 10:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 494832
Ion Ratio Lower Upper
172 100
171 35.7 29.7 44.5
170 23.7 19.6 29.4

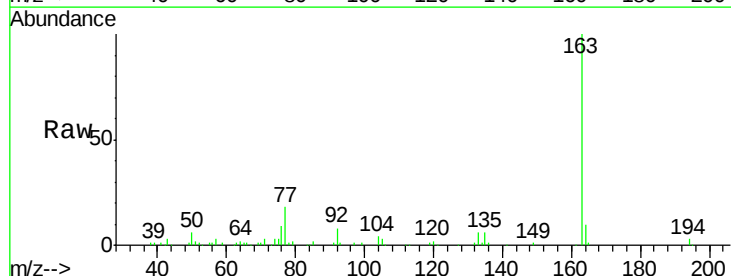


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

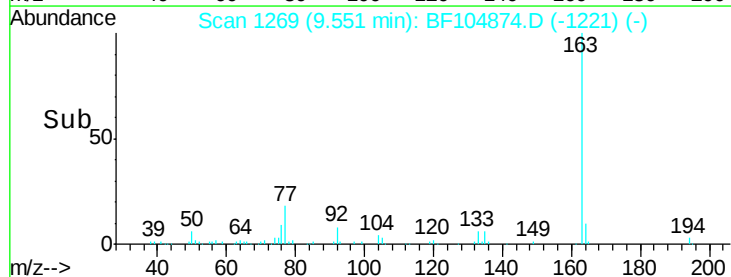
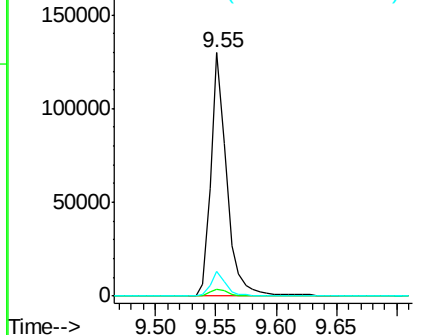


#49
Dimethylphthalate
Concen: 10.096 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.02 min
Lab File: BF104874.D
Acq: 27 Apr 2018 10:31

Tgt Ion:163 Resp: 117876
Ion Ratio Lower Upper
163 100
194 3.0 2.7 4.1
164 10.3 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

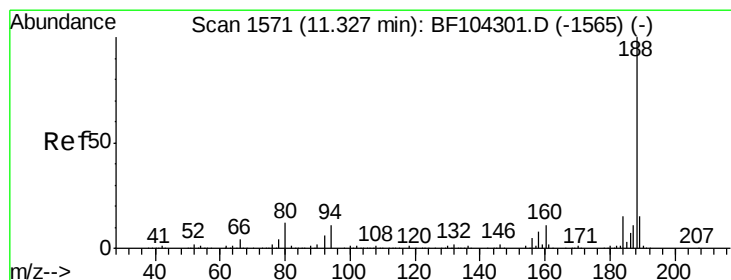
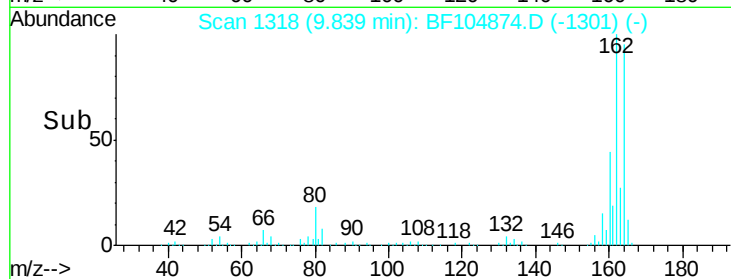
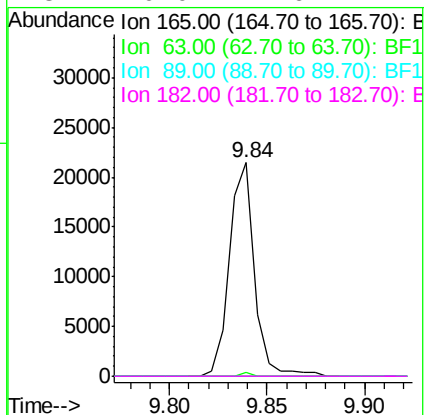
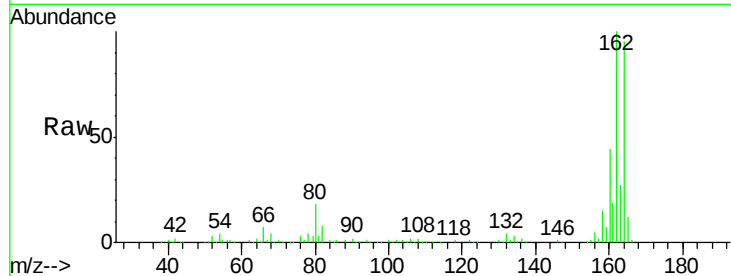




#56
 2,4-Dinitrotoluene
 Concen: 6.704 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.20 min
 Lab File: BF104874.D
 Acq: 27 Apr 2018 10:31

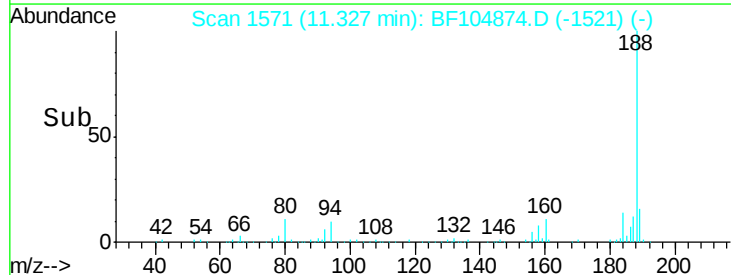
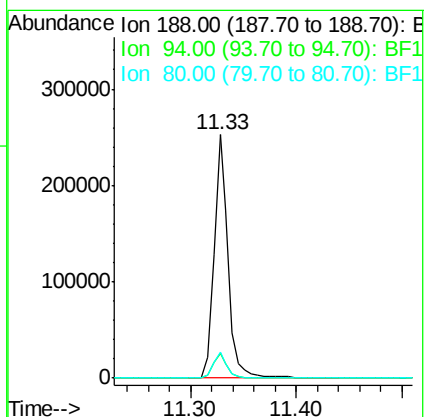
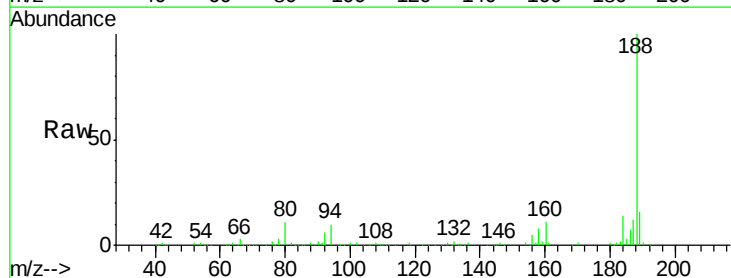
Instrument :
 BNA_F
 ClientSampleId :

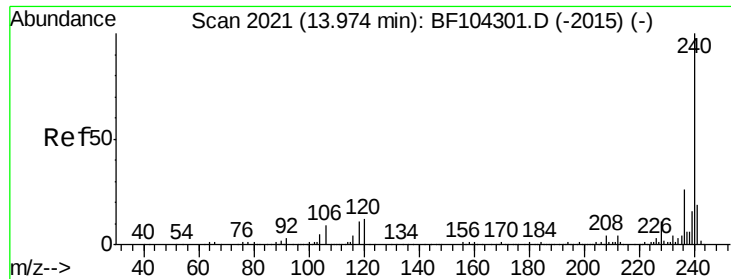
Tot Ion:	165	Resp:	18997
Ion	Ratio	Lower	Upper
165	100		
63	1.6	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1571
 Delta R.T. -0.01 min
 Lab File: BF104874.D
 Acq: 27 Apr 2018 10:31

Tgt Ion:	188	Resp:	235992
Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.5	12.7
80	10.8	9.2	13.8





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.01 min

Lab File: BF104874.D

Acq: 27 Apr 2018 10:31

Instrument :

BNA_F

ClientSampleId :

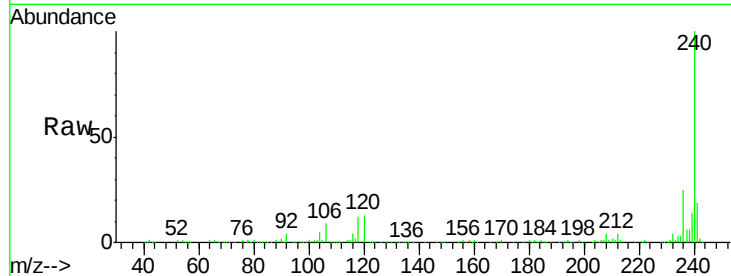
Tot Ion:240 Resp: 217081

Ion Ratio Lower Upper

240 100

120 13.3 9.5 14.3

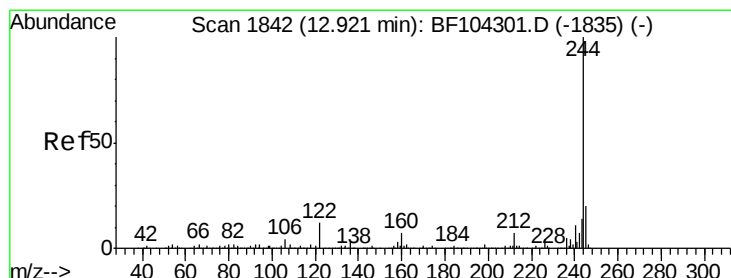
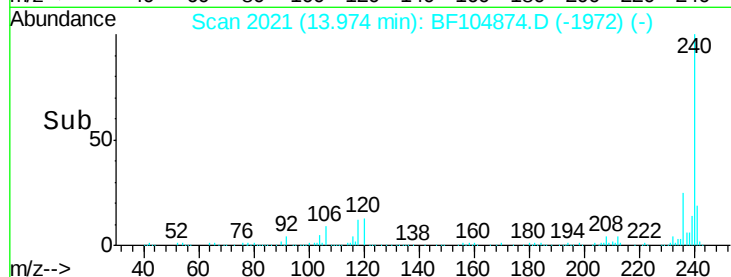
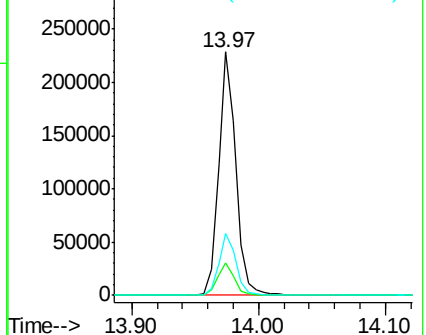
236 25.4 20.7 31.1



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: 40.980 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.01 min

Lab File: BF104874.D

Acq: 27 Apr 2018 10:31

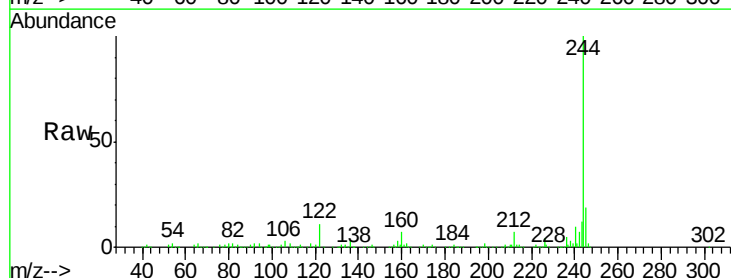
Tgt Ion:244 Resp: 390201

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

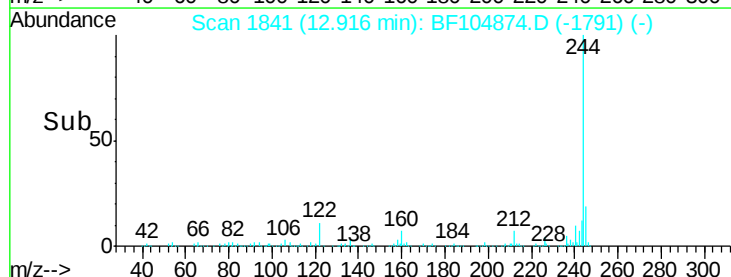
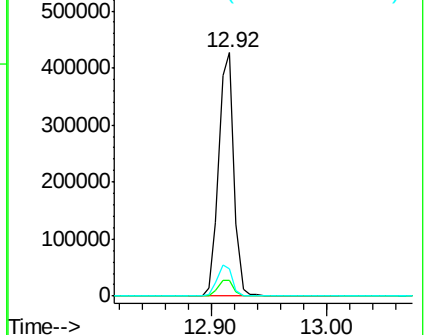
122 11.1 11.0 16.4

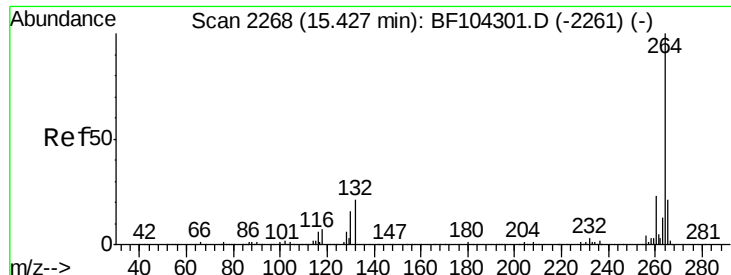


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

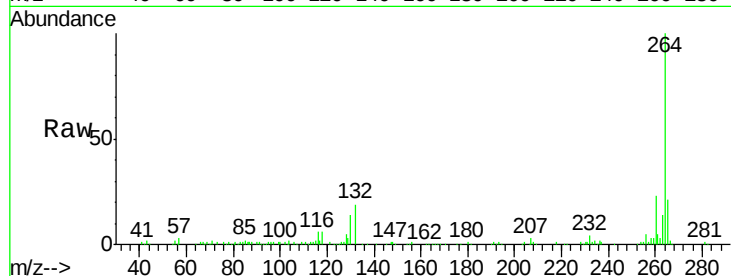




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2271
 Delta R.T. -0.02 min
 Lab File: BF104874.D
 Acq: 27 Apr 2018 10:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:264 Resp: 144680
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.2 28.8
 265 21.4 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

