

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF040218\
 Data File : BF104128.D
 Acq On : 2 Apr 2018 12:11
 Operator : JU/SJ
 Sample : J2103-09
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 02 13:42:06 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 02 13:40:00 2018
 Response via : Initial Calibration

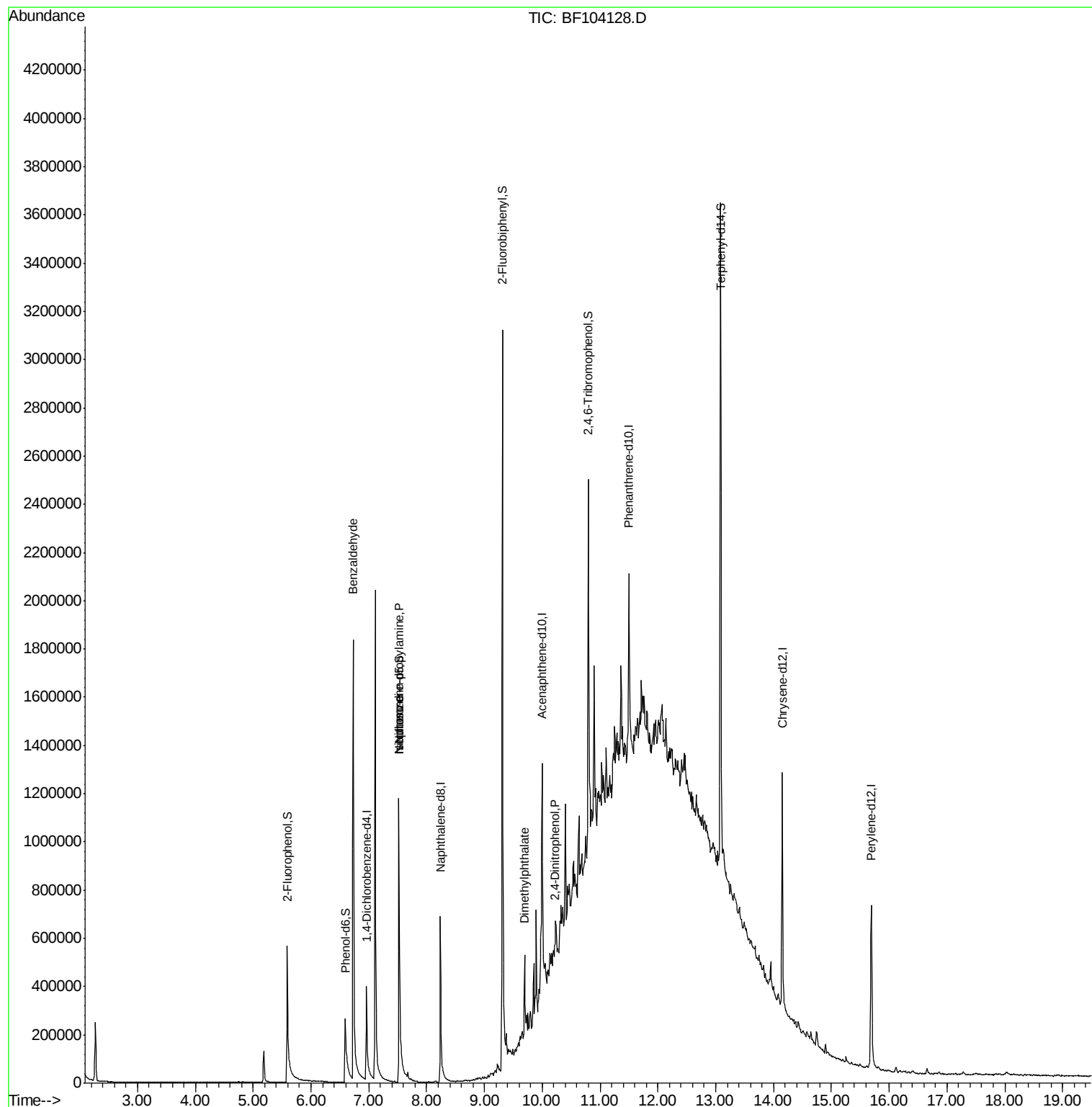
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	110708	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	489388	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	228387	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	381589	20.00	ng	0.00
75) Chrysene-d12	14.15	240	416647	20.00	ng	0.00
86) Perylene-d12	15.69	264	410287	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	315689	45.47	ng	0.00
7) Phenol-d6	6.59	99	276895	32.42	ng	0.00
23) Nitrobenzene-d5	7.52	82	695609	86.93	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	302377	118.90	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	1354053	93.49	ng	0.00
78) Terphenyl-d14	13.09	244	1295332	71.78	ng	0.00
Target Compounds						
9) Benzaldehyde	6.73	77	14332	2.044	ng	85
19) n-Nitroso-di-n-propylamine	7.52	70	84854	16.741	ng	# 73
25) Isophorone	7.52	82	703310	47.690	ng	# 64
49) Dimethylphthalate	9.70	163	48458	2.687	ng	# 97
53) 2,4-Dinitrophenol	10.21	184	150	5.655	ng	# 79

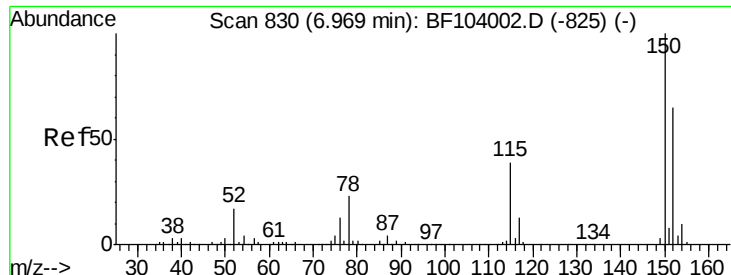
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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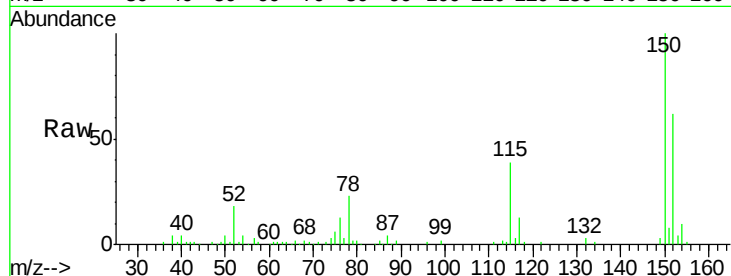


#1

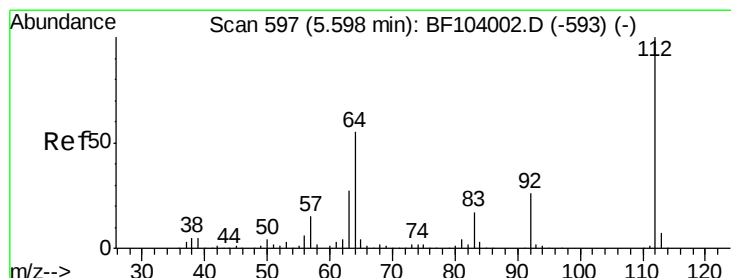
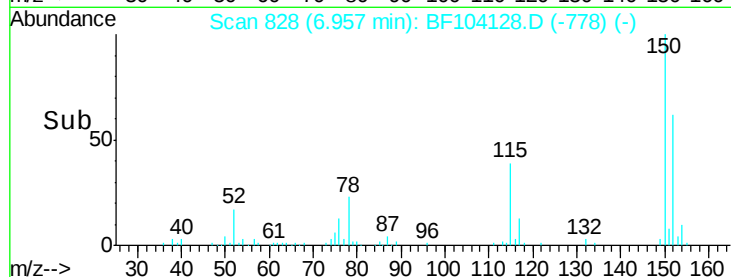
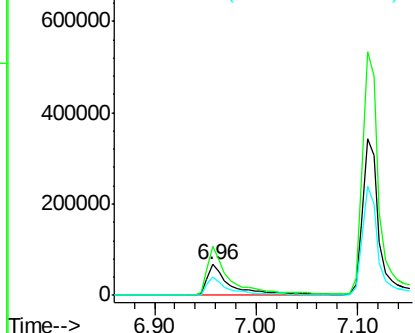
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.01 min
Lab File: BF104128.D
Acq: 2 Apr 2018 12:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 110708
Ion Ratio Lower Upper
152 100
150 160.2 124.6 186.8
115 62.0 50.1 75.1



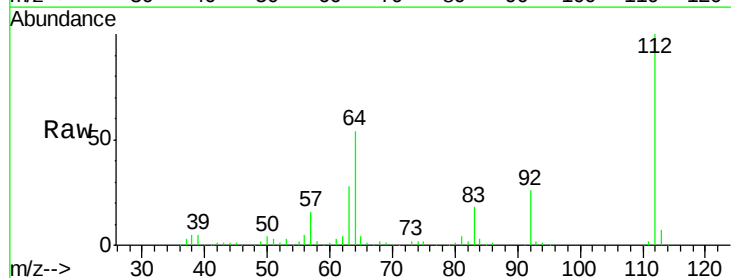
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



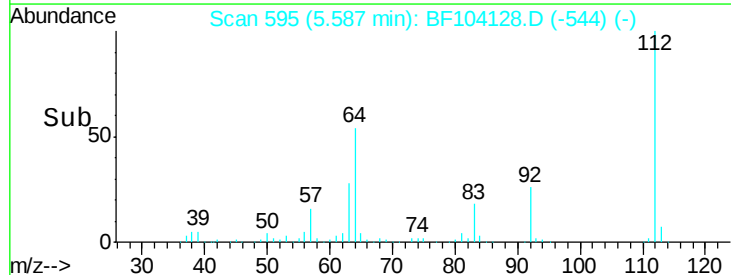
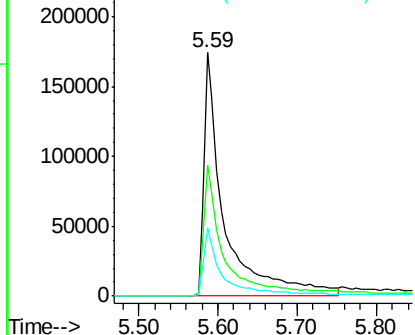
#5

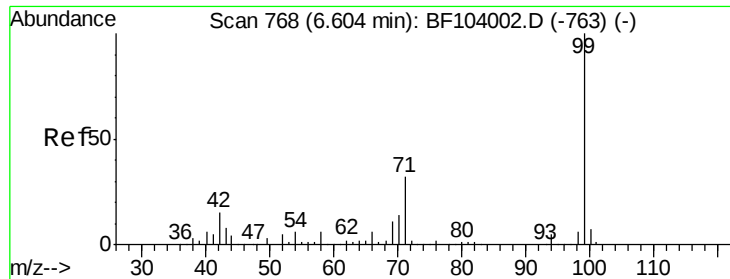
2-Fluorophenol
Concen: 45.475 ng
RT: 5.59 min Scan# 595
Delta R.T. -0.00 min
Lab File: BF104128.D
Acq: 2 Apr 2018 12:11

Tgt Ion:112 Resp: 315689
Ion Ratio Lower Upper
112 100
64 53.6 47.9 71.9
63 27.8 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: 32.420 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF104128.D

Acq: 2 Apr 2018 12:11

Instrument :

BNA_F

ClientSampled :

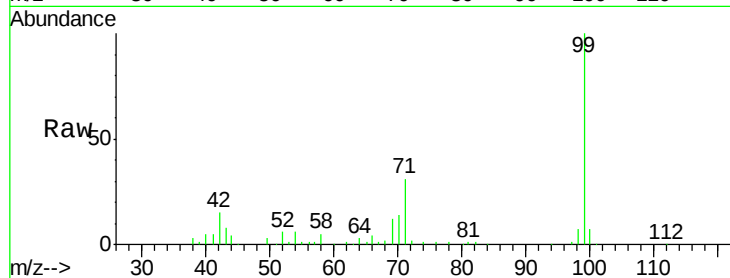
Tot Ion: 99 Resp: 276895

Ion Ratio Lower Upper

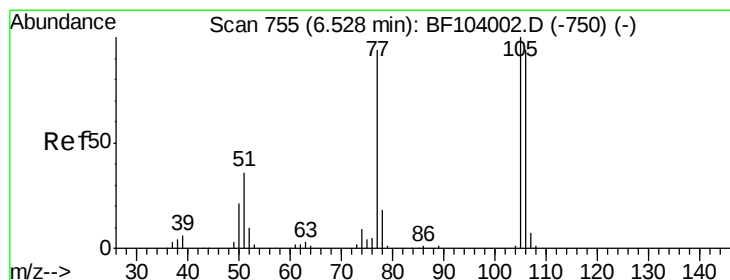
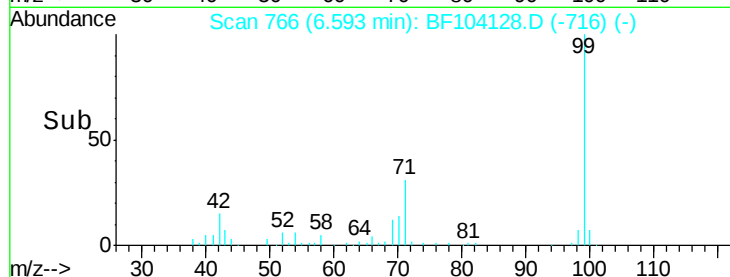
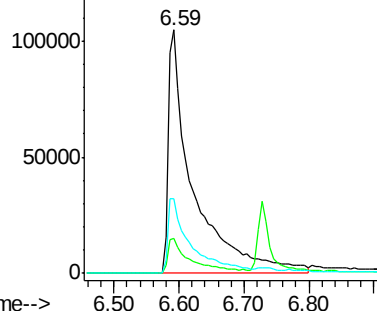
99 100

42 14.5 14.5 21.7

71 30.9 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



#9

Benzaldehyde

Concen: 2.044 ng

RT: 6.73 min Scan# 789

Delta R.T. 0.21 min

Lab File: BF104128.D

Acq: 2 Apr 2018 12:11

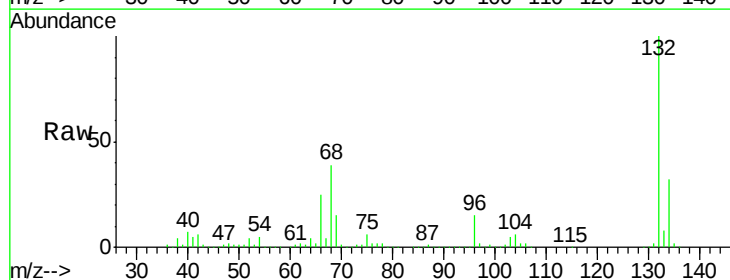
Tgt Ion: 77 Resp: 14332

Ion Ratio Lower Upper

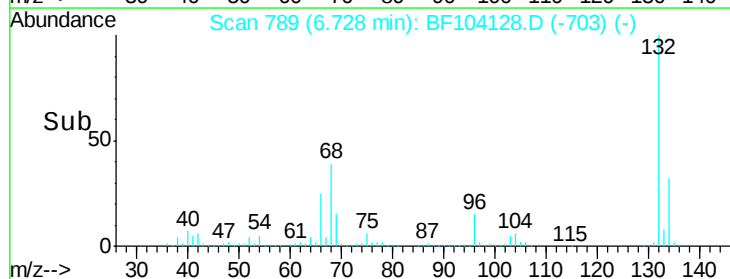
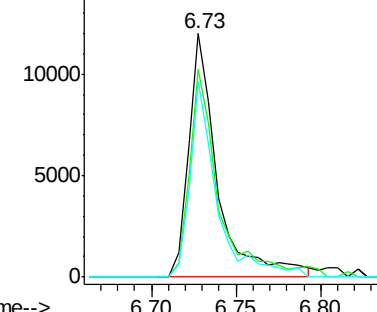
77 100

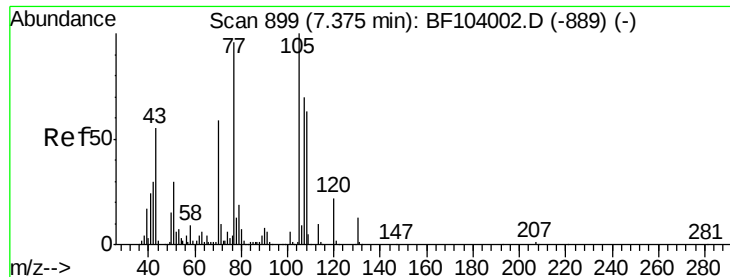
105 85.5 81.1 121.1

106 80.3 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1

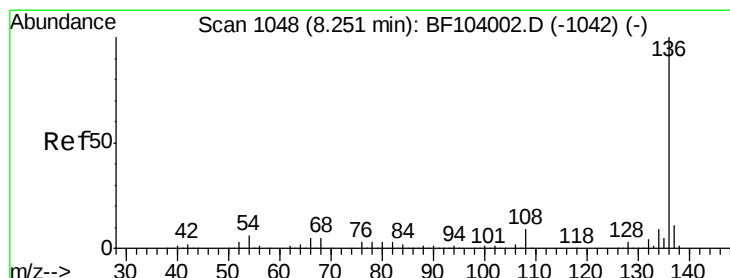
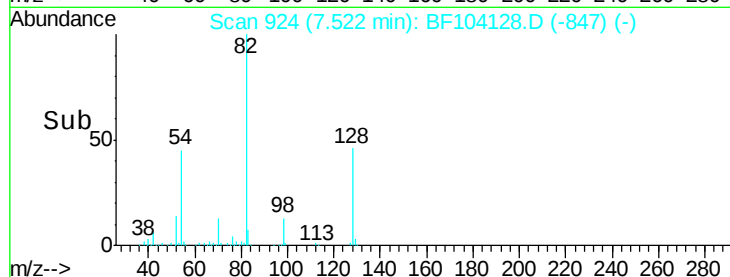
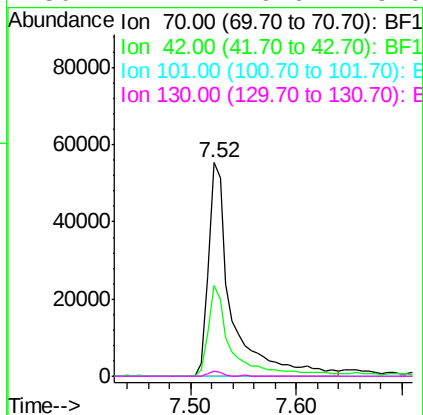
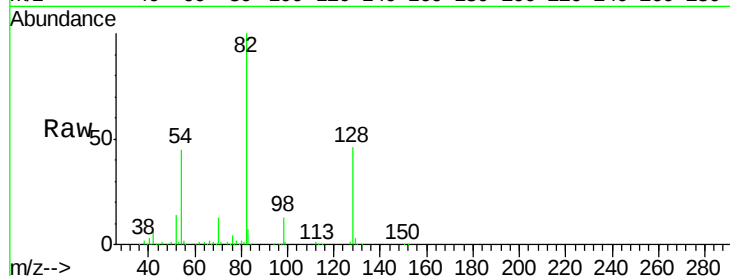




#19
n-Nitroso-di-n-propylamine
Concen: 16.741 ng
RT: 7.52 min Scan# 924
Delta R.T. 0.15 min
Lab File: BF104128.D
Acq: 2 Apr 2018 12:11

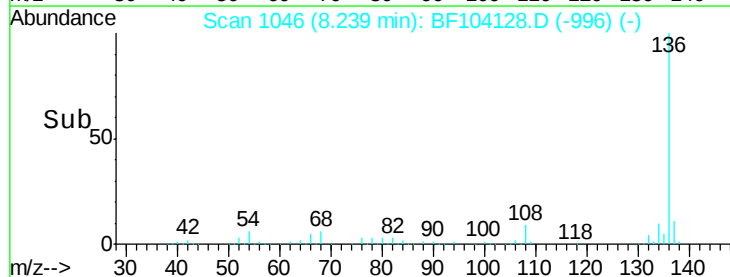
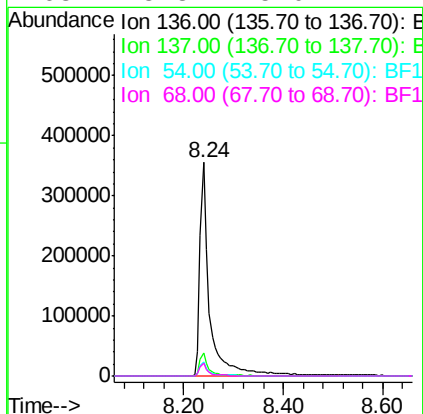
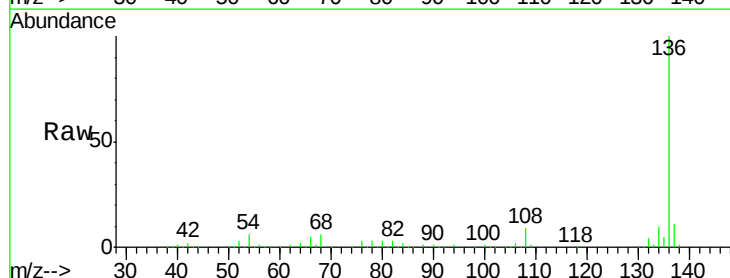
Instrument :
BNA_F
ClientSampleId :

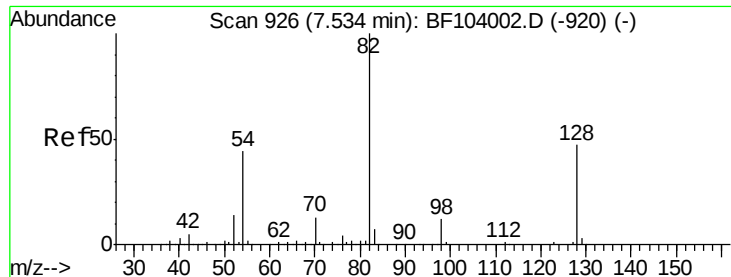
Tot Ion: 70 Resp: 84854
Ion Ratio Lower Upper
70 100
42 42.8 47.5 71.3#
101 0.0 7.4 11.2#
130 2.2 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF104128.D
Acq: 2 Apr 2018 12:11

Tgt Ion:136 Resp: 489388
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 6.5 6.6 9.8#
68 5.8 5.0 7.4

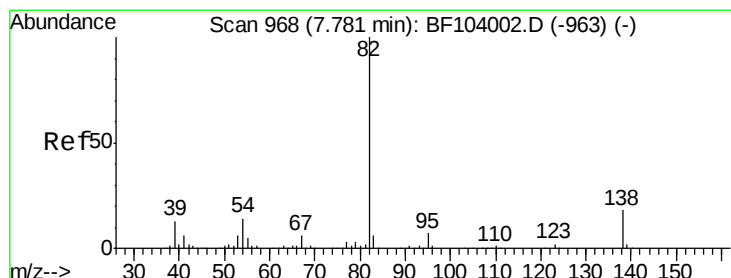
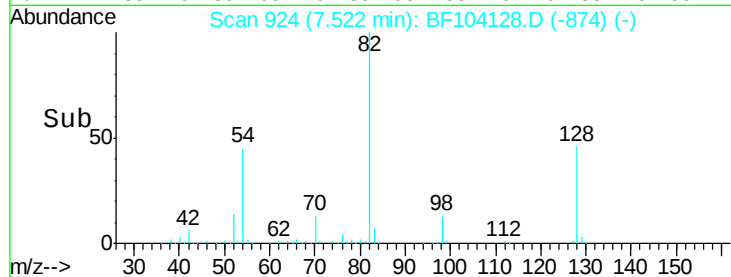
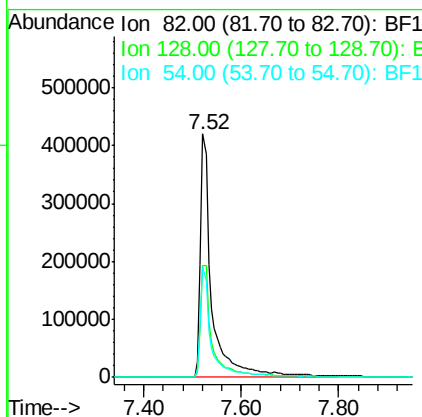
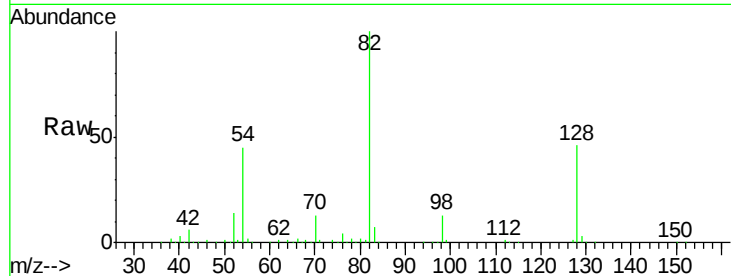




#23
 Nitrobenzene-d5
 Concen: 86.926 ng
 RT: 7.52 min Scan# 924
 Delta R.T. -0.01 min
 Lab File: BF104128.D
 Acq: 2 Apr 2018 12:11

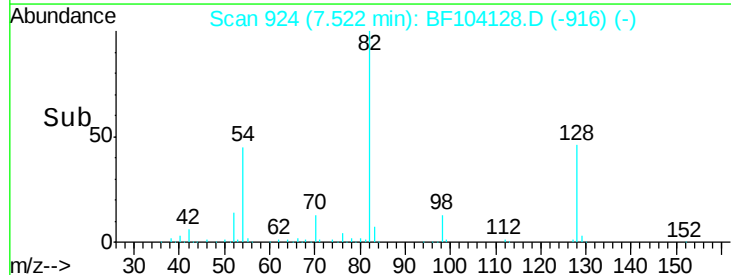
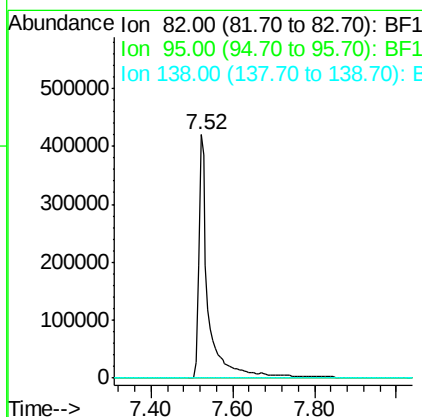
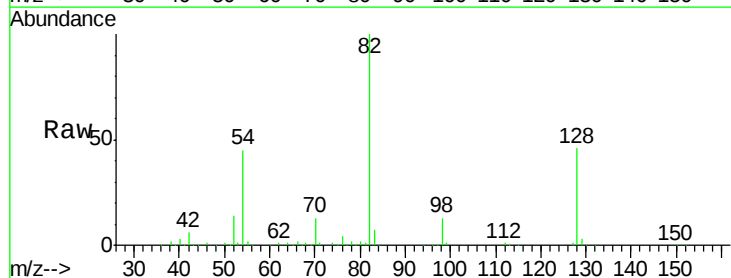
Instrument :
 BNA_F
 ClientSampleId :

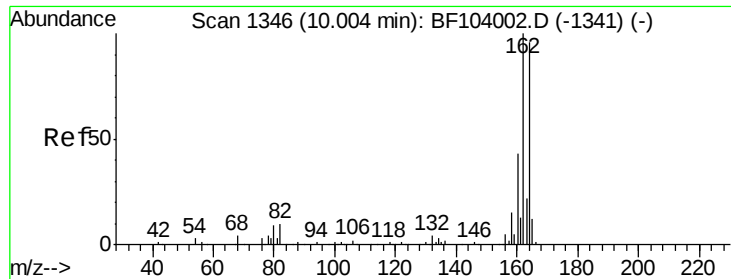
Tot Ion	82	Resp	695609
Ion Ratio	Lower	Upper	
82	100		
128	45.9	36.1	54.1
54	45.2	41.4	62.2



#25
 Isophorone
 Concen: 47.690 ng
 RT: 7.52 min Scan# 924
 Delta R.T. -0.25 min
 Lab File: BF104128.D
 Acq: 2 Apr 2018 12:11

Tgt Ion	82	Resp	703310
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

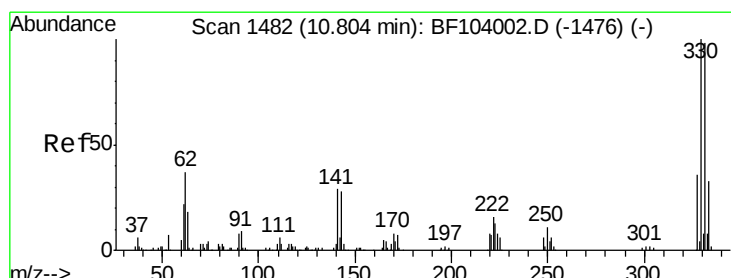
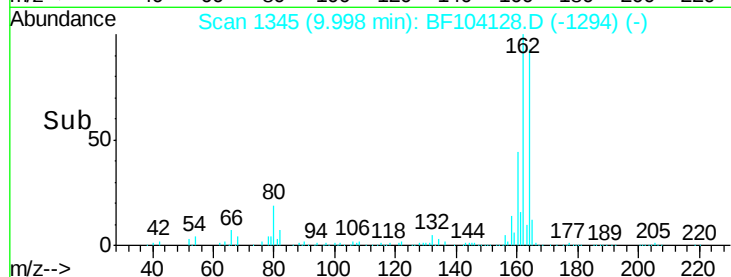
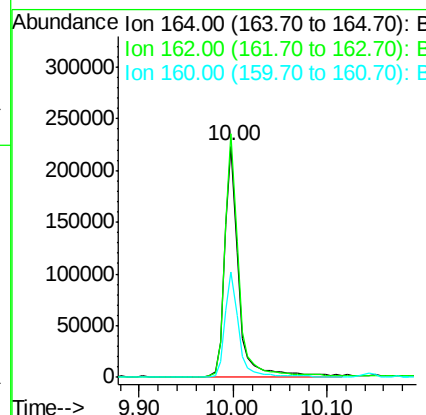
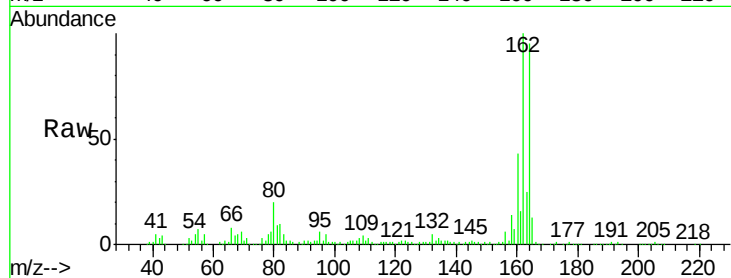




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1345
 Delta R.T. -0.00 min
 Lab File: BF104128.D
 Acq: 2 Apr 2018 12:11

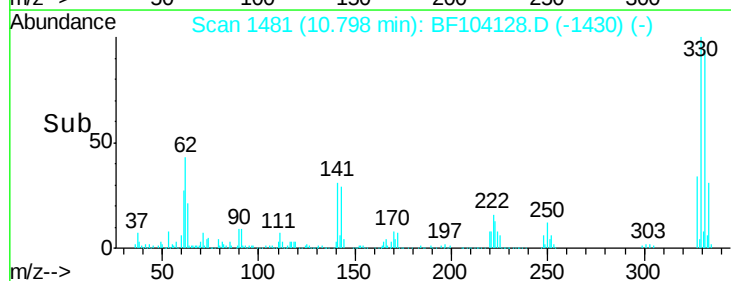
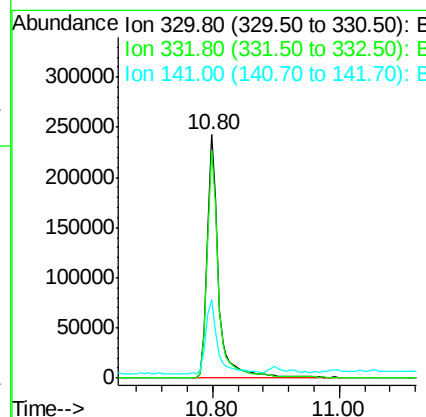
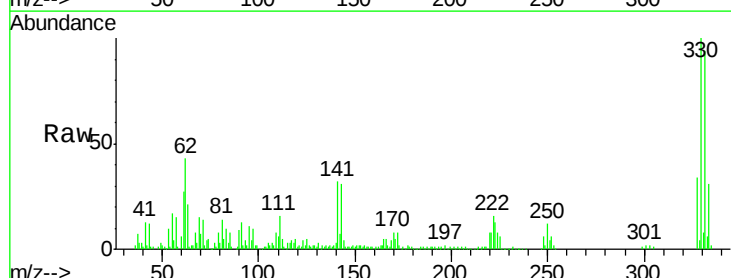
Instrument :
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 ClientSampleId :

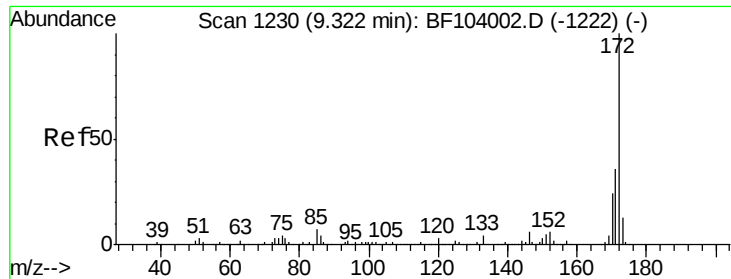
Tot Ion	Ratio	Lower	Upper
164	100		
162	105.4	86.1	129.1
160	45.8	38.3	57.5



#41
 2,4,6-Tribromophenol
 Concen: 118.901 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: BF104128.D
 Acq: 2 Apr 2018 12:11

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.0	115.6
141	32.1	29.9	44.9

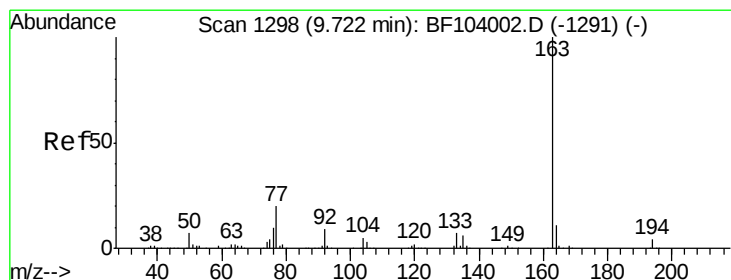
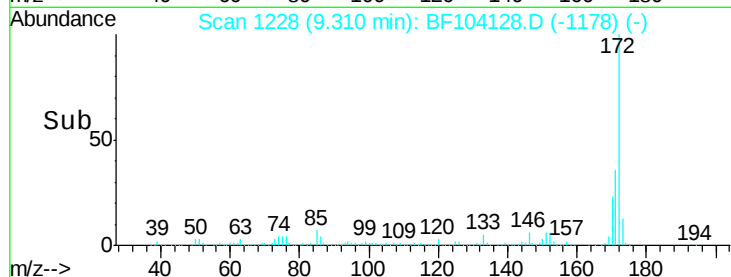
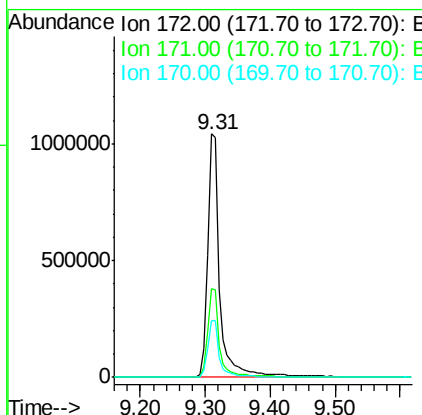
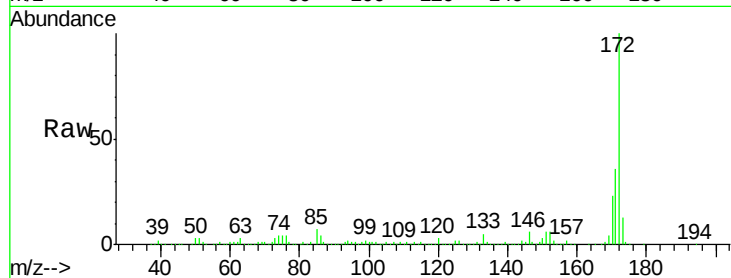




#44
2-Fluorobiphenyl
Concen: 93.492 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF104128.D
Acq: 2 Apr 2018 12:11

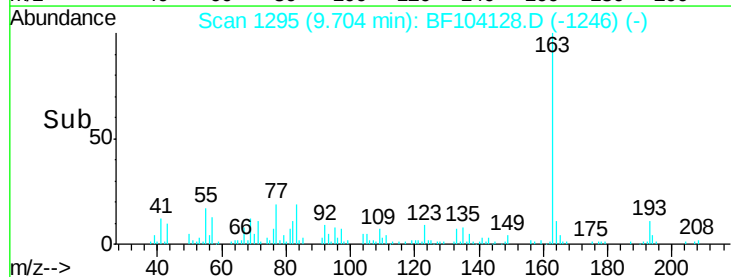
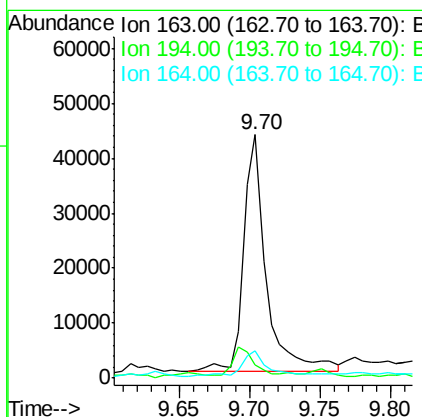
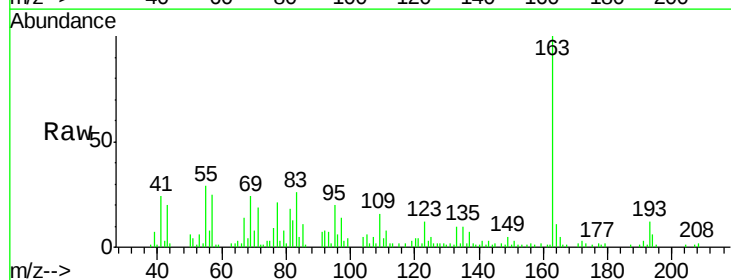
Instrument :
BNA_F
ClientSampled :

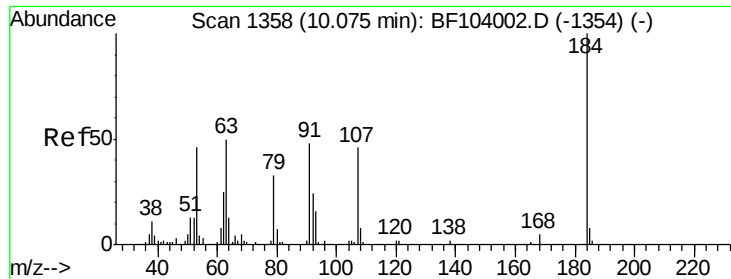
Tot Ion:172 Resp: 1354053
Ion Ratio Lower Upper
172 100
171 36.3 29.7 44.5
170 23.4 19.6 29.4



#49
Dimethylphthalate
Concen: 2.687 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF104128.D
Acq: 2 Apr 2018 12:11

Tgt Ion:163 Resp: 48458
Ion Ratio Lower Upper
163 100
194 5.6 2.7 4.1#
164 11.0 8.2 12.2

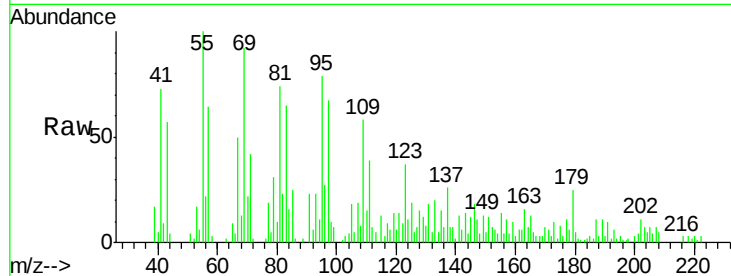




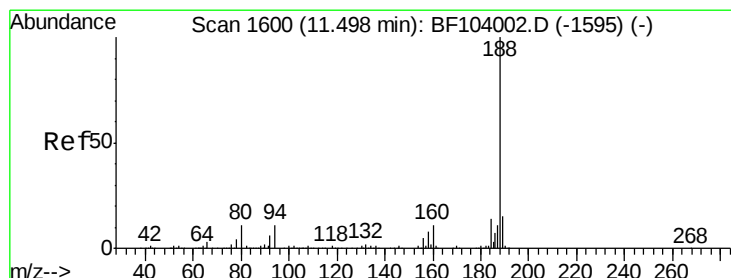
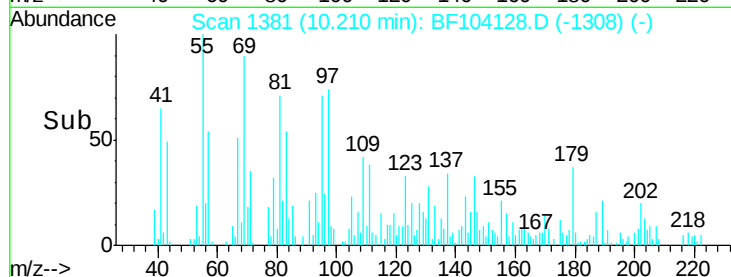
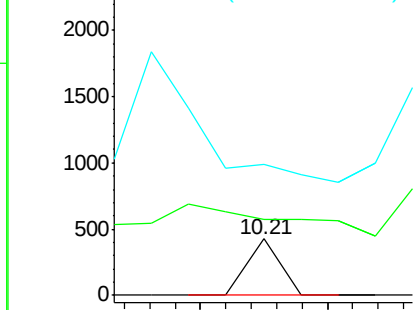
#53
 2,4-Dinitrophenol
 Concen: 5.655 ng
 RT: 10.21 min Scan# 1381
 Delta R.T. 0.13 min
 Lab File: BF104128.D
 Acq: 2 Apr 2018 12:11

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:184 Resp: 150
 Ion Ratio Lower Upper
 184 100
 63 136.0 54.2 81.2#
 154 233.4 184.0 276.0

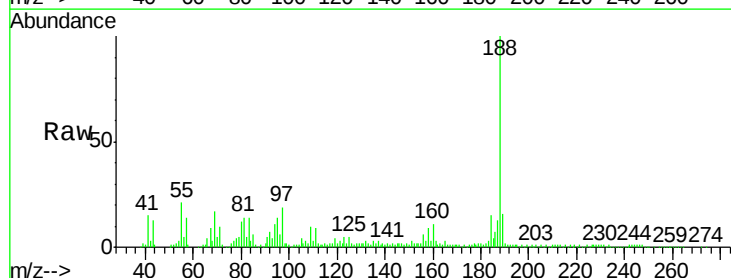


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

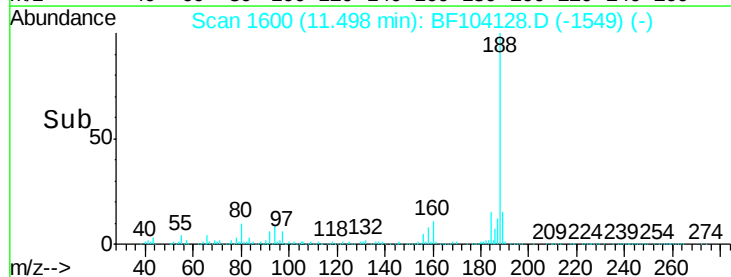
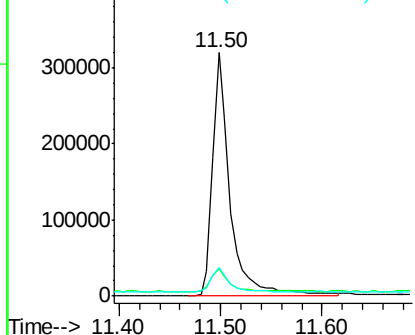


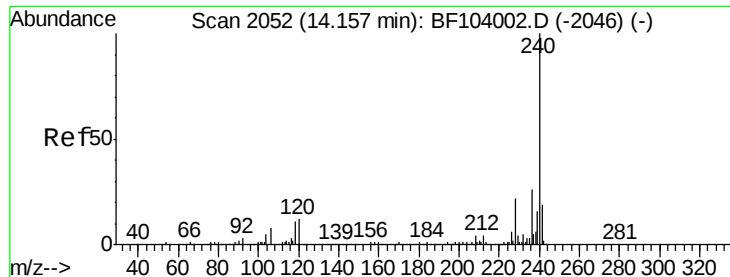
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.50 min Scan# 1600
 Delta R.T. -0.00 min
 Lab File: BF104128.D
 Acq: 2 Apr 2018 12:11

Tgt Ion:188 Resp: 381589
 Ion Ratio Lower Upper
 188 100
 94 11.1 8.5 12.7
 80 11.8 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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2051

Delta R.T. -0.00 min

Lab File: BF104128.D

Acq: 2 Apr 2018 12:11

Instrument :

BNA_F

ClientSampled :

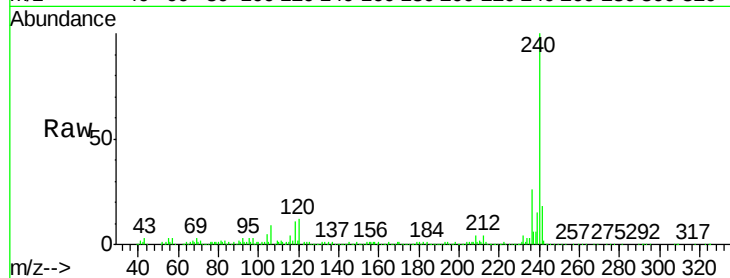
Tot Ion:240 Resp: 416647

Ion Ratio Lower Upper

240 100

120 11.9 9.5 14.3

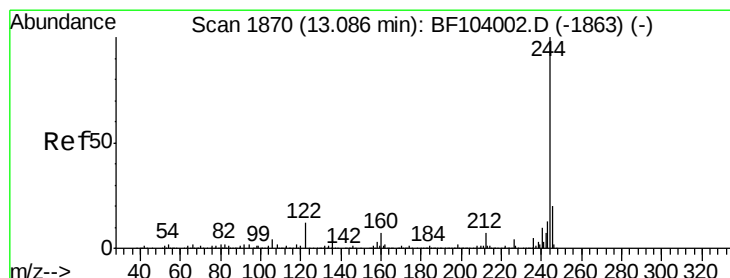
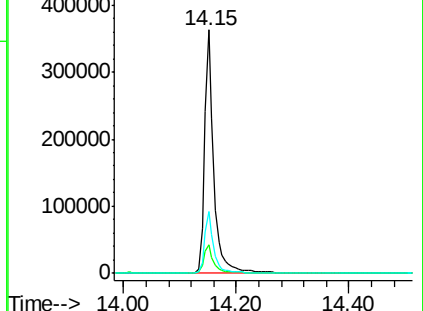
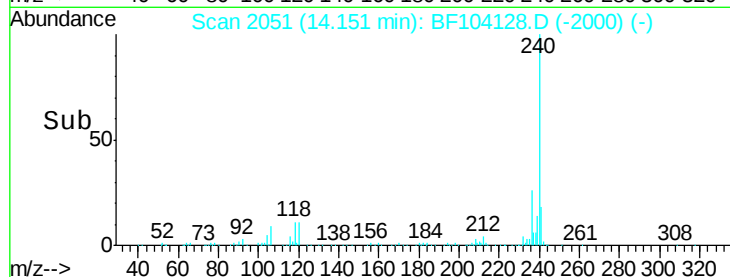
236 25.6 20.7 31.1



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: 71.784 ng

RT: 13.09 min Scan# 1870

Delta R.T. 0.01 min

Lab File: BF104128.D

Acq: 2 Apr 2018 12:11

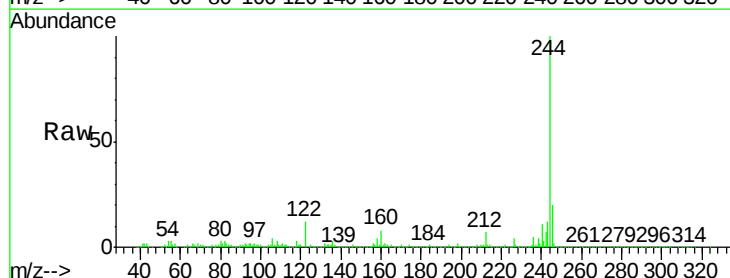
Tgt Ion:244 Resp: 1295332

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

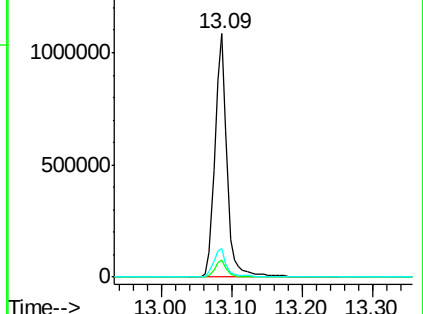
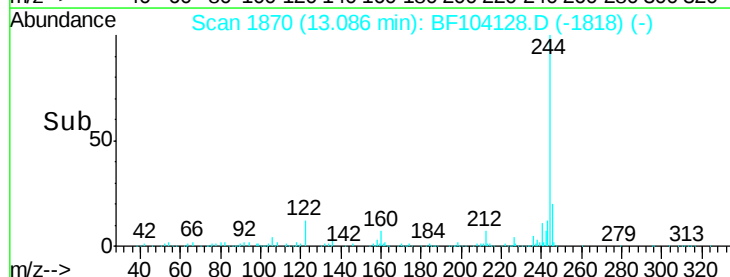
122 11.9 11.0 16.4

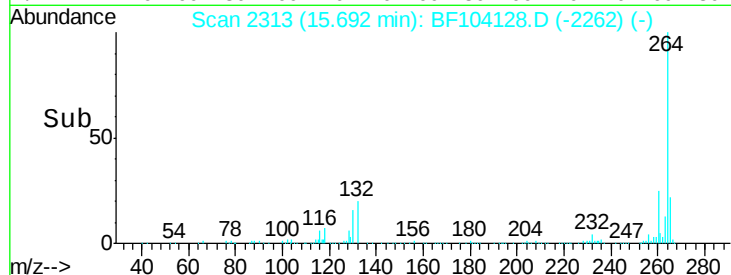
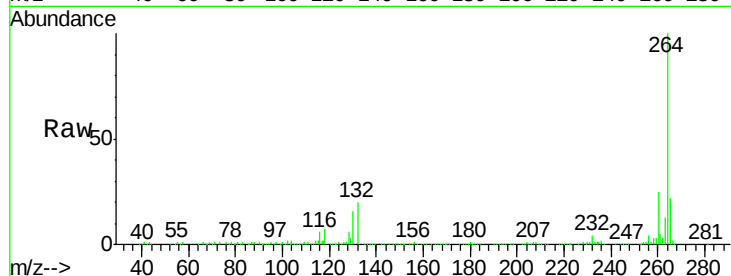
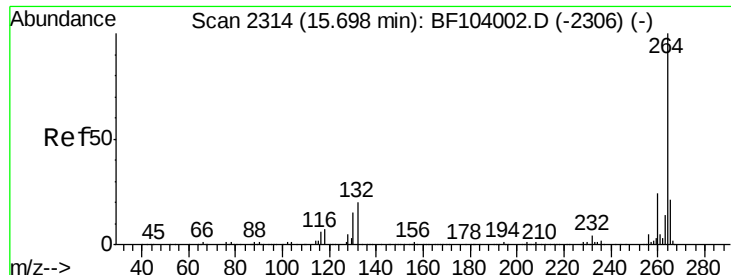


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.69 min Scan# 2313
 Delta R.T. -0.00 min
 Lab File: BF104128.D
 Acq: 2 Apr 2018 12:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:264	Resp:	410287
Ion Ratio	Lower	Upper
264	100	
260	25.0	19.2 28.8
265	22.0	17.5 26.3

