

Data Path : U:\HPCHEM1\BNA F\DATA\BF011818\
 Data File : BF102196.D
 Acq On : 18 Jan 2018 17:25
 Operator : SJ/JU
 Sample : J1151-01DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 19 00:13:38 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 17 15:28:18 2018
 Response via : Initial Calibration

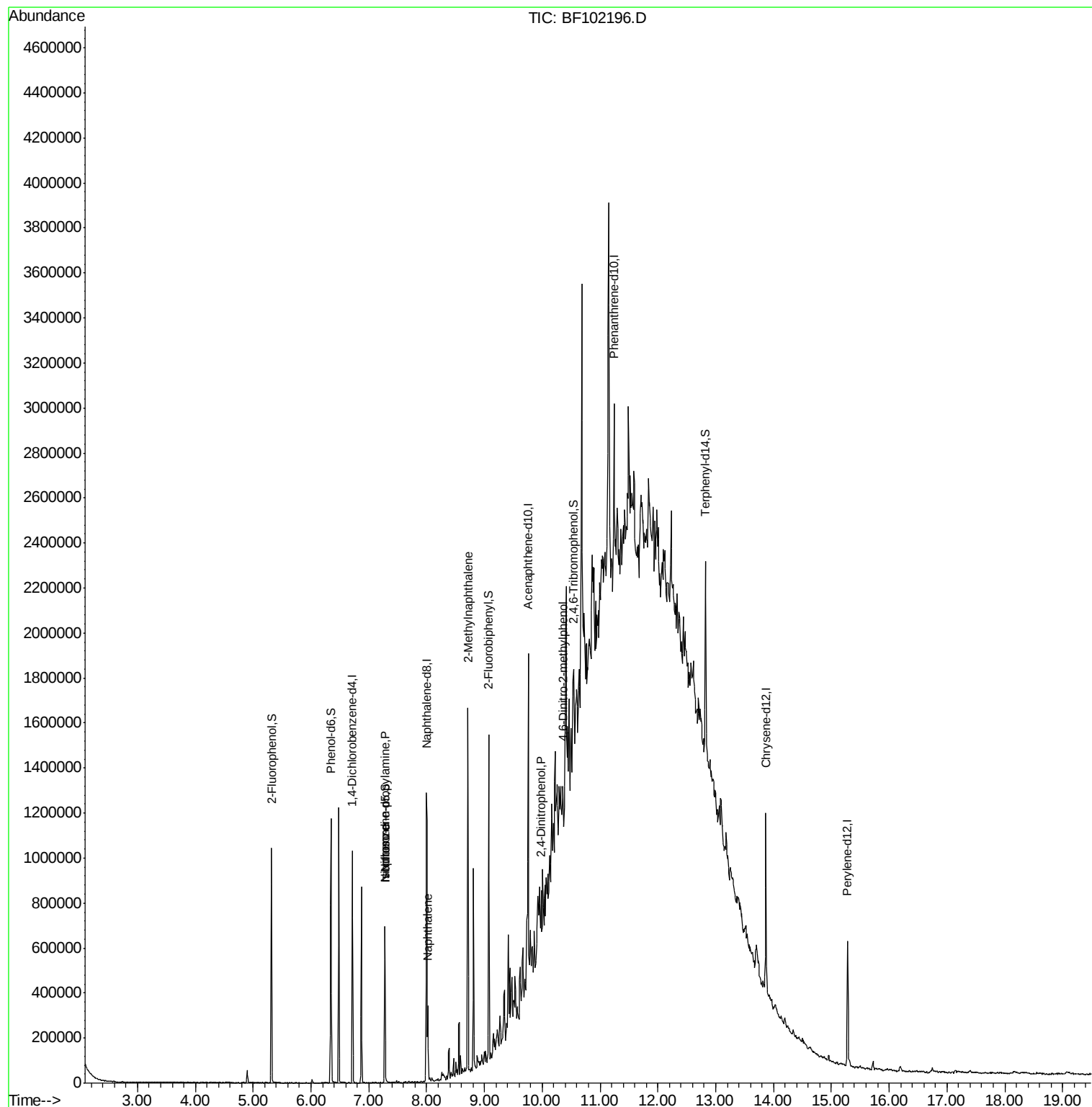
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	141950	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	581862	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	235507	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	323079	20.00	ng	0.00
75) Chrysene-d12	13.87	240	249737	20.00	ng	0.00
86) Perylene-d12	15.28	264	238840	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	280773	27.93	ng	0.00
7) Phenol-d6	6.35	99	328851	27.42	ng	-0.01
23) Nitrobenzene-d5	7.28	82	198300	20.03	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	52992	25.78	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	392809	26.06	ng	-0.01
78) Terphenyl-d14	12.82	244	269890	22.44	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.28	70	26120	3.323	ng	# 79
25) Isophorone	7.28	82	198151	10.128	ng	# 64
31) Naphthalene	8.02	128	120634	4.149	ng	98
37) 2-Methylnaphthalene	8.72	142	415298	21.697	ng	98
53) 2,4-Dinitrophenol	9.97	184	133	8.740	ng	# 39
64) 4,6-Dinitro-2-methylphenol	10.36	198	111	5.718	ng	# 1

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

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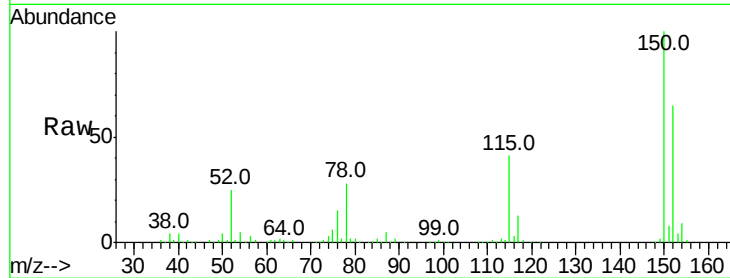


#1

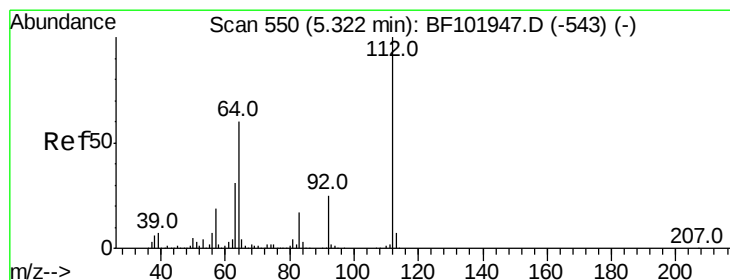
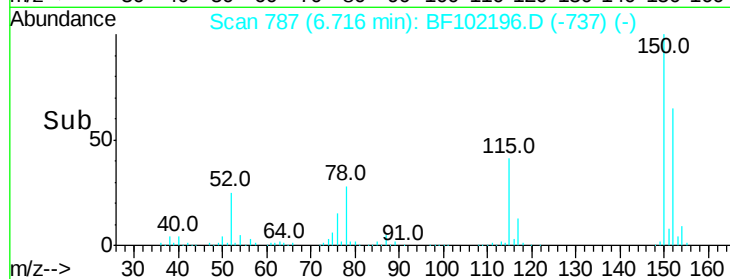
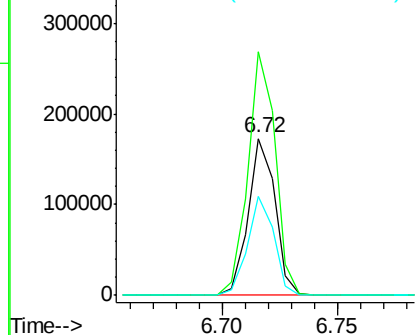
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF102196.D
Acq: 18 Jan 2018 17:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 141950
Ion Ratio Lower Upper
152 100
150 154.9 124.6 186.8
115 62.9 50.1 75.1



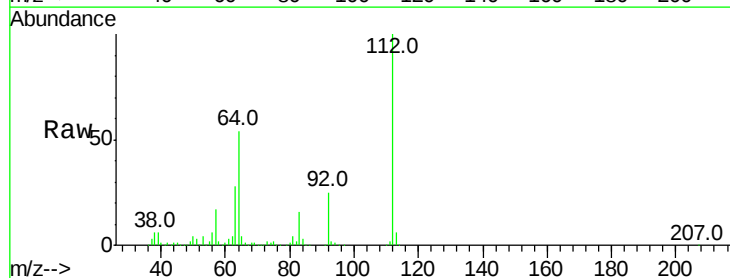
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



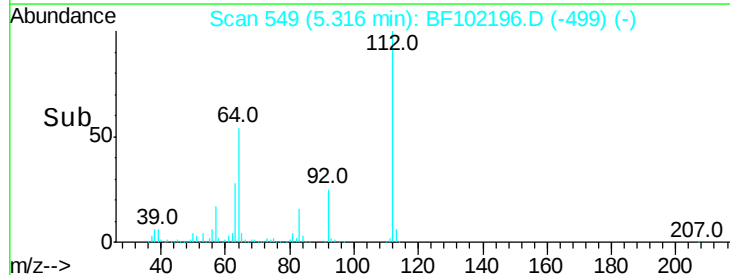
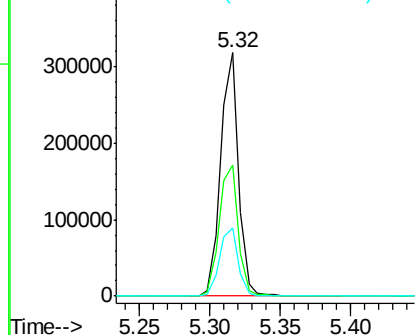
#5

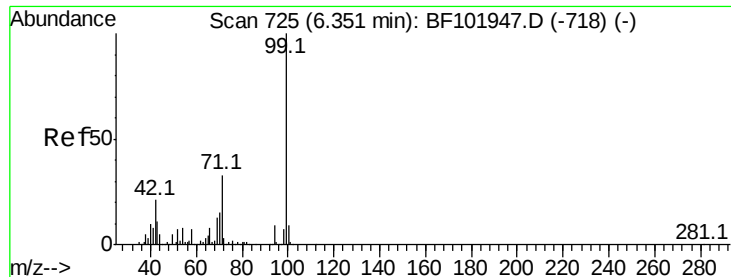
2-Fluorophenol
Concen: 27.931 ng
RT: 5.32 min Scan# 549
Delta R.T. -0.01 min
Lab File: BF102196.D
Acq: 18 Jan 2018 17:25

Tgt Ion:112 Resp: 280773
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: 27.419 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF102196.D

Acq: 18 Jan 2018 17:25

Instrument :

BNA_F

ClientSampled :

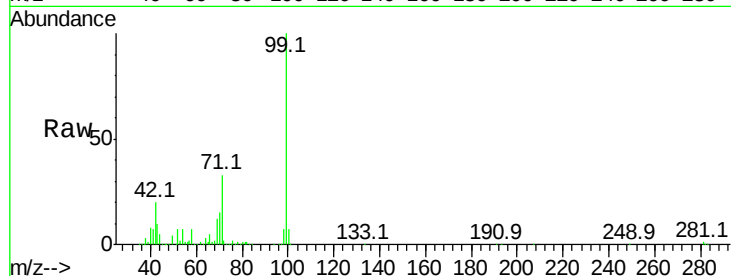
Tot Ion: 99 Resp: 328851

Ion Ratio Lower Upper

99 100

42 19.5 14.5 21.7

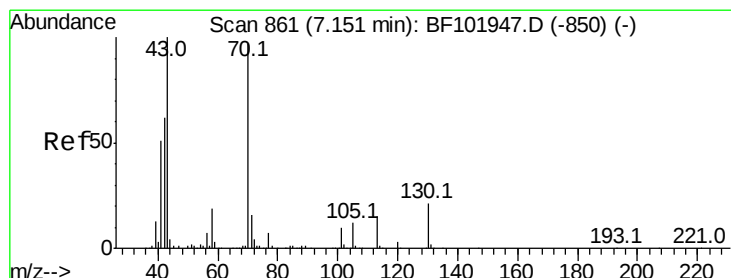
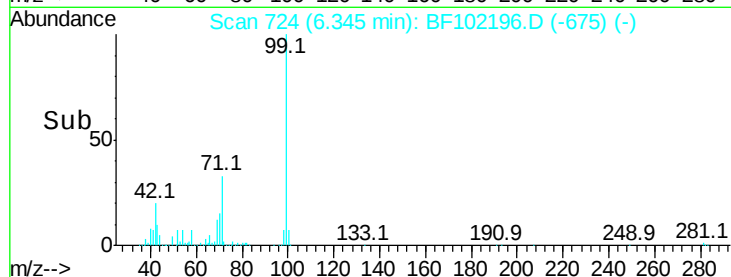
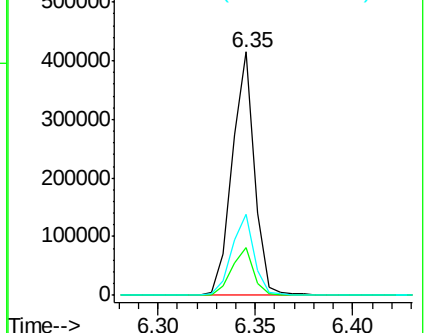
71 33.3 25.4 38.0



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: 3.323 ng

RT: 7.28 min Scan# 883

Delta R.T. 0.14 min

Lab File: BF102196.D

Acq: 18 Jan 2018 17:25

Tgt Ion: 70 Resp: 26120

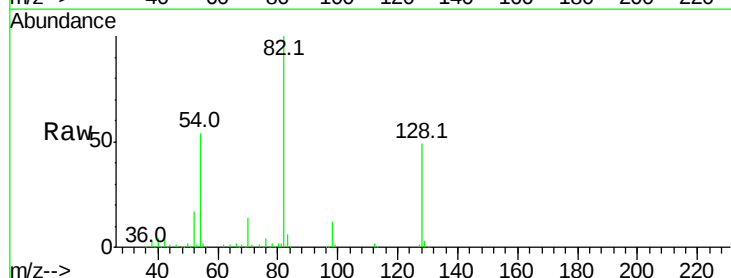
Ion Ratio Lower Upper

70 100

42 48.5 47.5 71.3

101 0.0 7.4 11.2#

130 2.7 16.6 25.0#

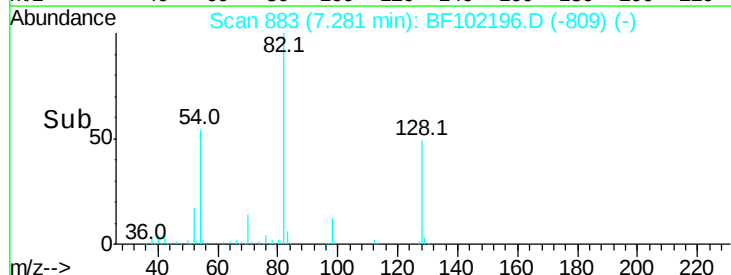
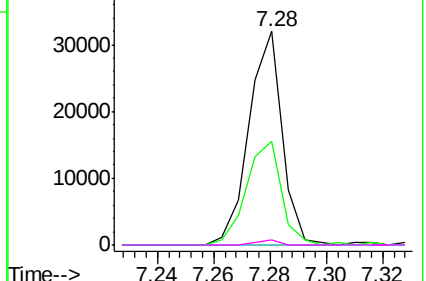


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

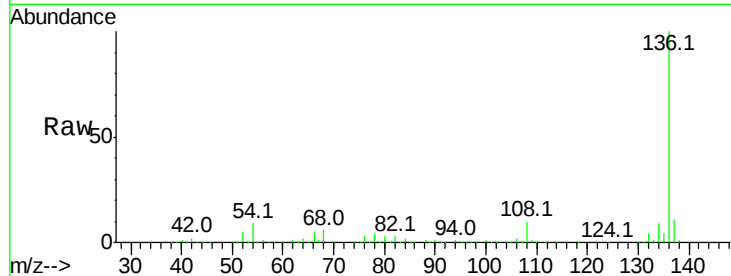




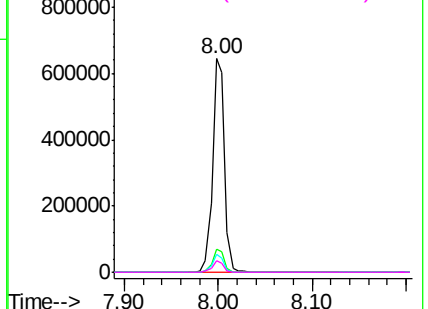
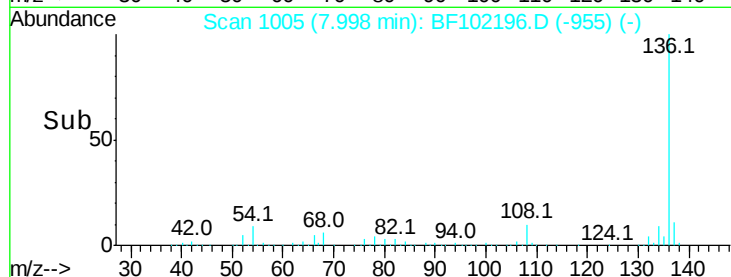
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF102196.D
Acq: 18 Jan 2018 17:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	581862
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	8.6	6.6	9.8
68	5.6	5.0	7.4

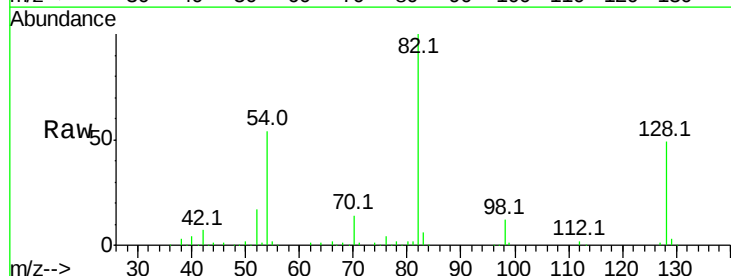


Abundance Ion 136.00 (135.70 to 136.70): E
1000000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

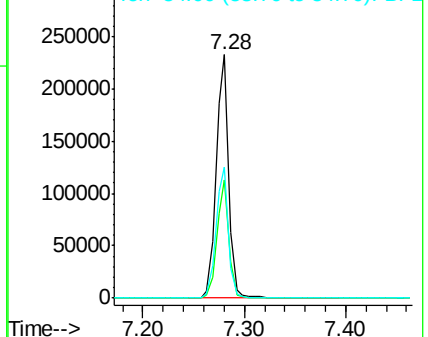
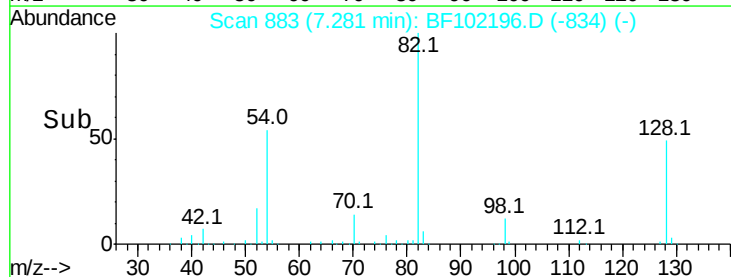


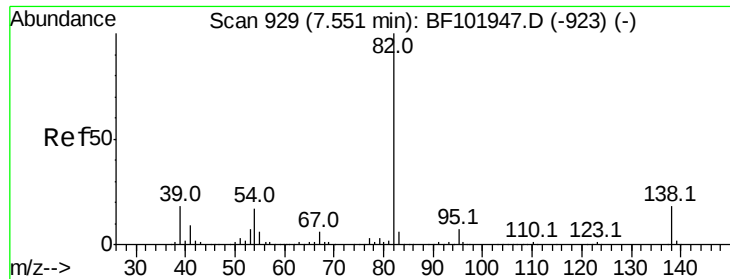
#23
Nitrobenzene-d5
Concen: 20.027 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF102196.D
Acq: 18 Jan 2018 17:25

Tgt Ion:	82	Resp:	198300
Ion	Ratio	Lower	Upper
82	100		
128	48.5	36.1	54.1
54	53.6	41.4	62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
300000
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 10.128 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.27 min

Lab File: BF102196.D

Acq: 18 Jan 2018 17:25

Instrument :
BNA_F
ClientSampleId :

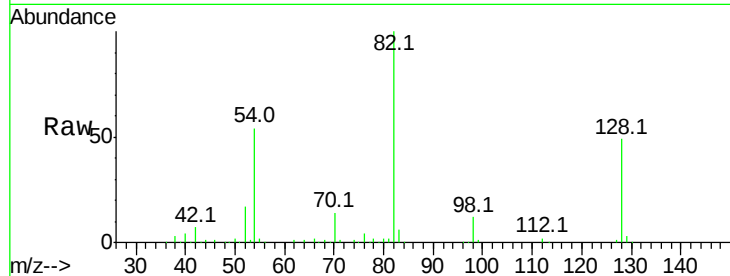
Tot Ion: 82 Resp: 198151

Ion Ratio Lower Upper

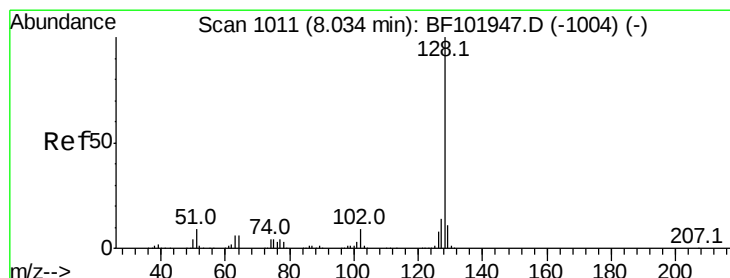
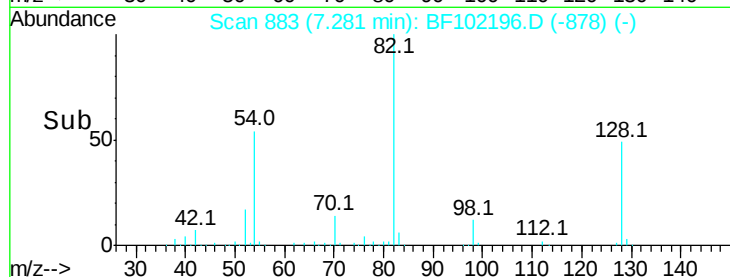
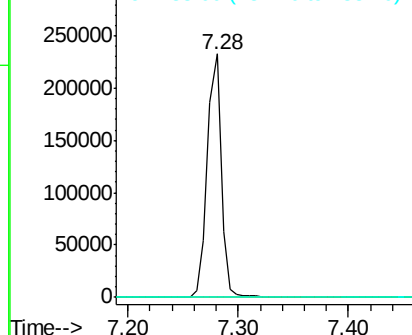
82 100

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



#31

Naphthalene

Concen: 4.149 ng

RT: 8.02 min Scan# 1009

Delta R.T. -0.01 min

Lab File: BF102196.D

Acq: 18 Jan 2018 17:25

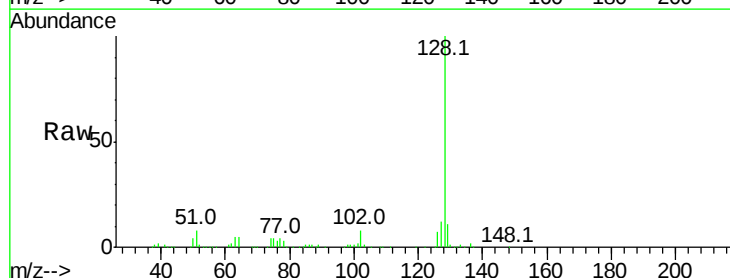
Tgt Ion:128 Resp: 120634

Ion Ratio Lower Upper

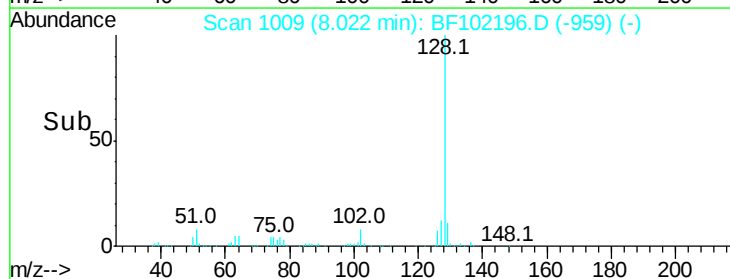
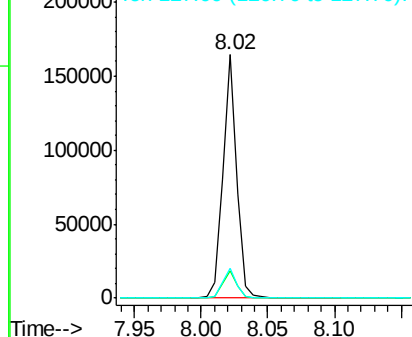
128 100

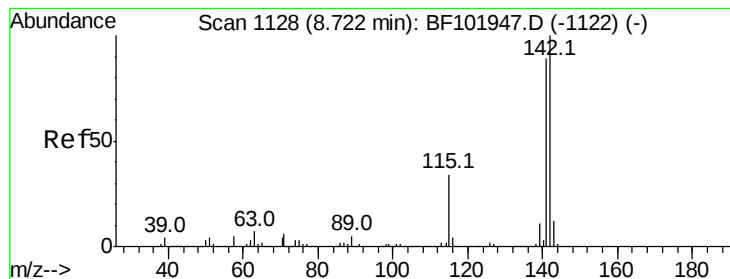
129 11.1 8.8 13.2

127 12.2 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

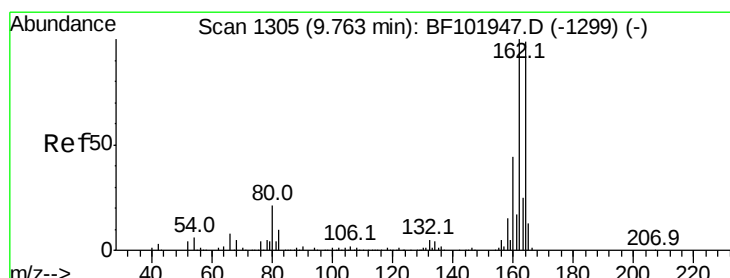
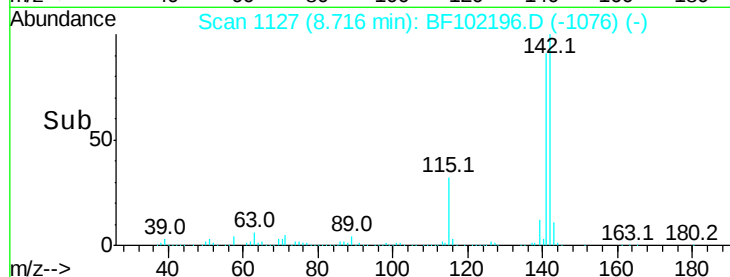
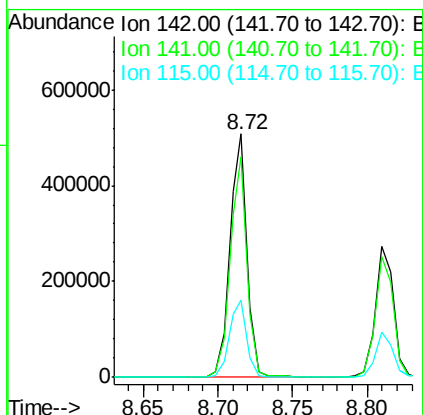
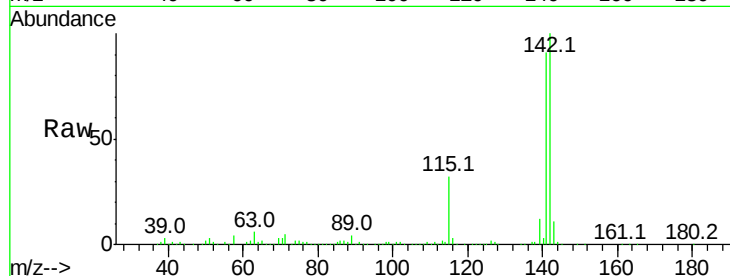




#37
 2-Methylnaphthalene
 Concen: 21.697 ng
 RT: 8.72 min Scan# 1127
 Delta R.T. -0.00 min
 Lab File: BF102196.D
 Acq: 18 Jan 2018 17:25

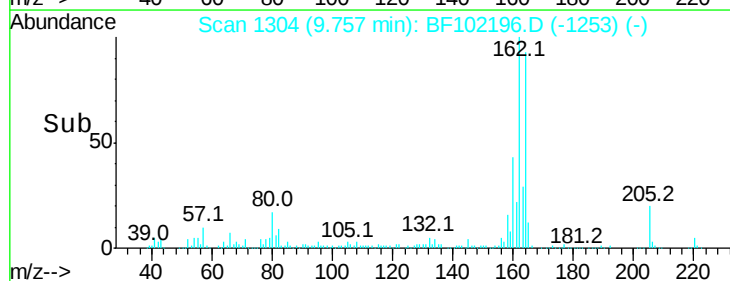
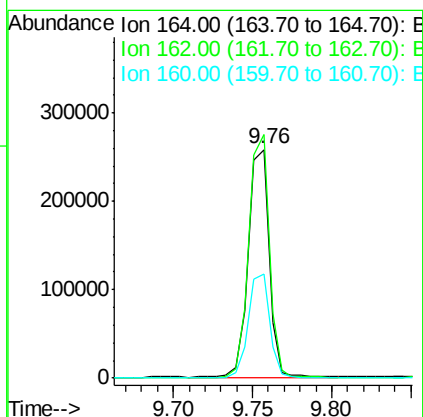
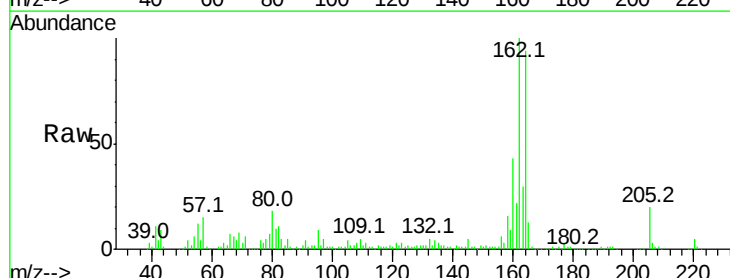
Instrument :
 BNA_F
 ClientSampleId :

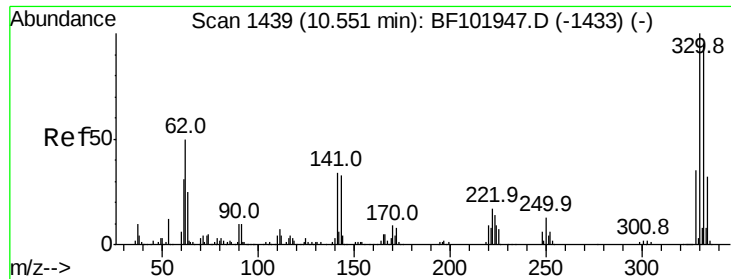
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.8	70.8	106.2
115	31.8	26.1	39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.00 min
 Lab File: BF102196.D
 Acq: 18 Jan 2018 17:25

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.6	86.1	129.1
160	45.4	38.3	57.5

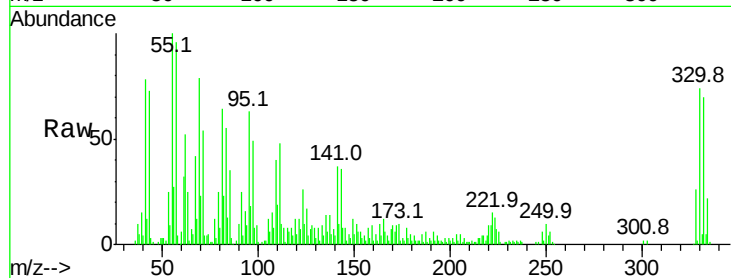




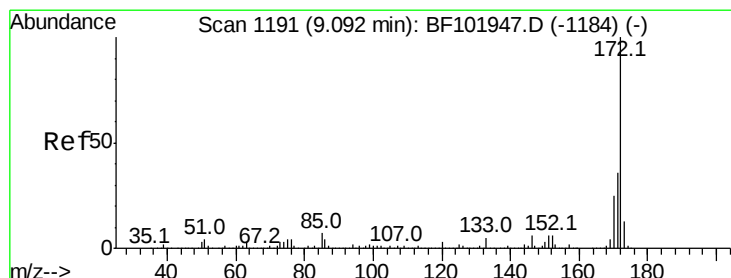
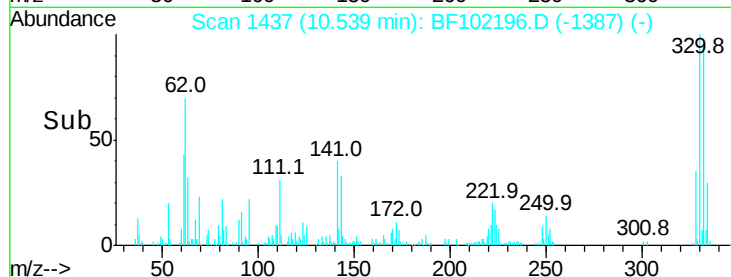
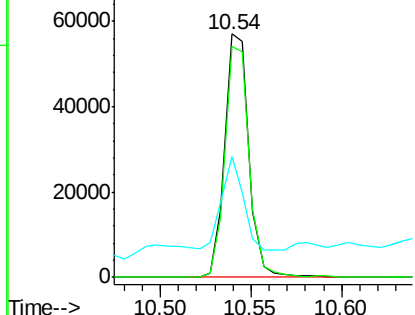
#41
 2,4,6-Tribromophenol
 Concen: 25.784 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF102196.D
 Acq: 18 Jan 2018 17:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 52992
 Ion Ratio Lower Upper
 330 100
 332 94.8 77.0 115.6
 141 34.7 29.9 44.9

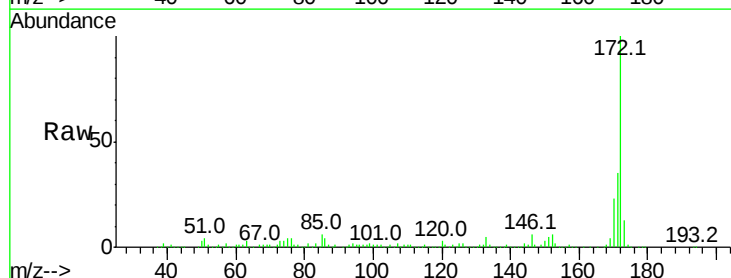


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

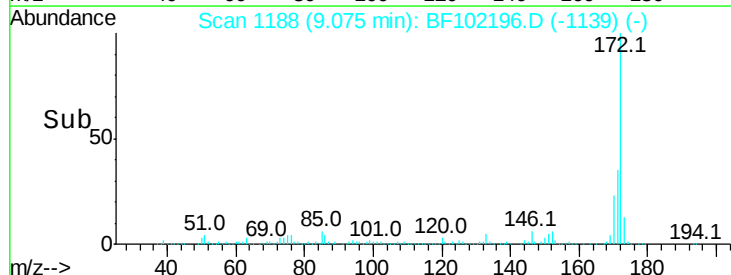
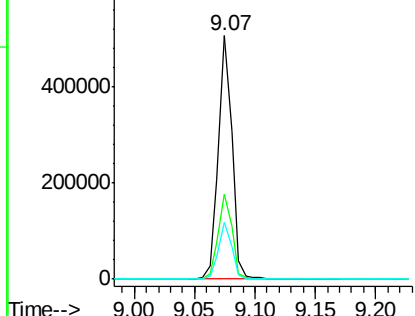


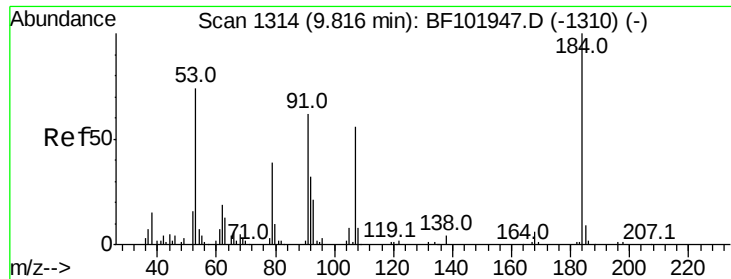
#44
 2-Fluorobiphenyl
 Concen: 26.058 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF102196.D
 Acq: 18 Jan 2018 17:25

Tgt Ion:172 Resp: 392809
 Ion Ratio Lower Upper
 172 100
 171 34.9 29.7 44.5
 170 23.2 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

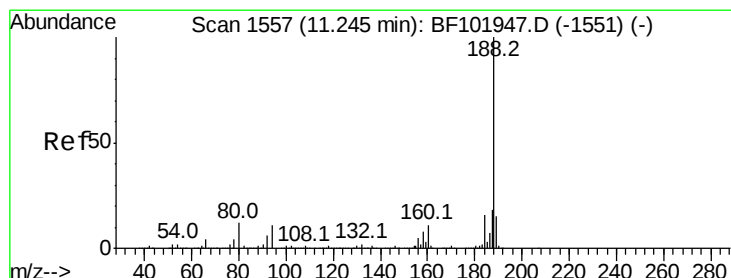
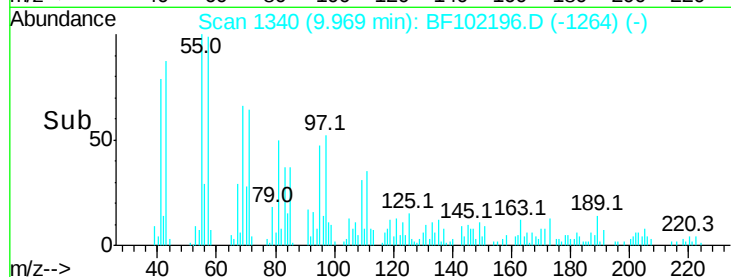
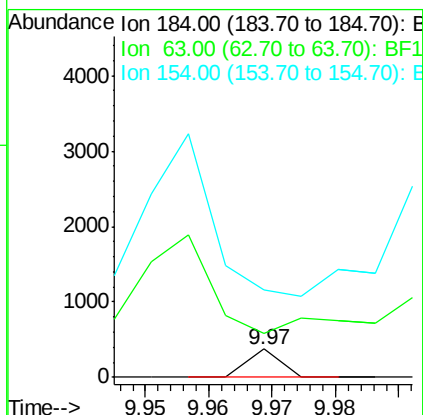
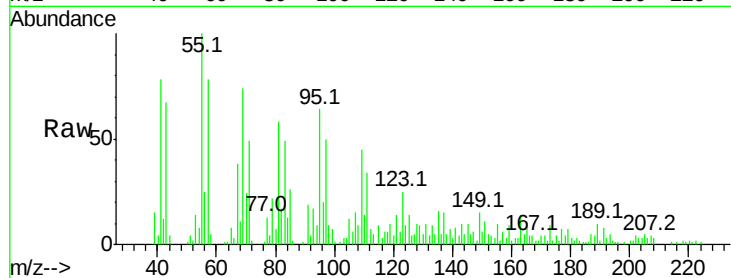




#53
2,4-Dinitrophenol
Concen: 8.740 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.15 min
Lab File: BF102196.D
Acq: 18 Jan 2018 17:25

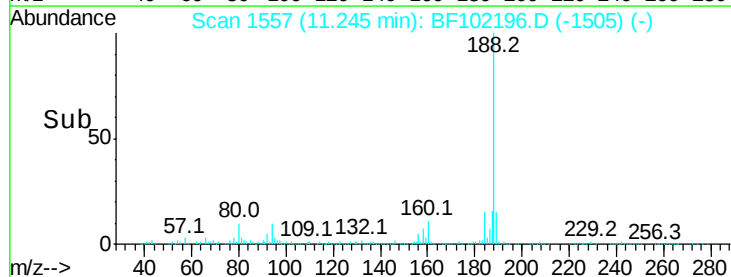
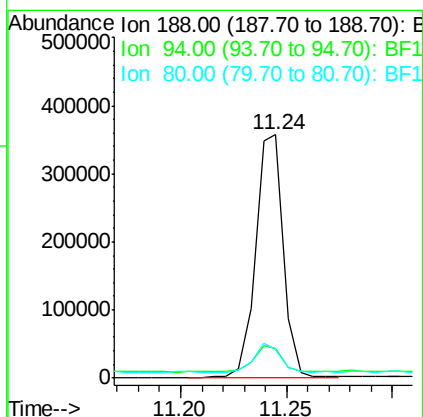
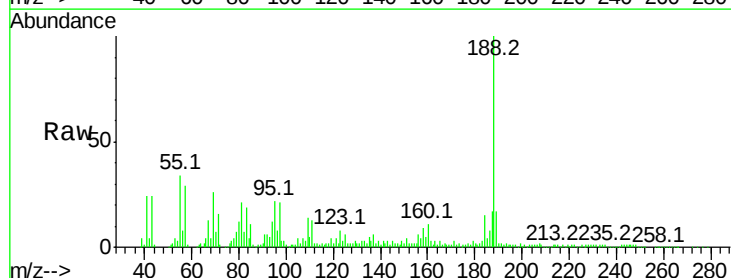
Instrument :
BNA_F
ClientSampleId :

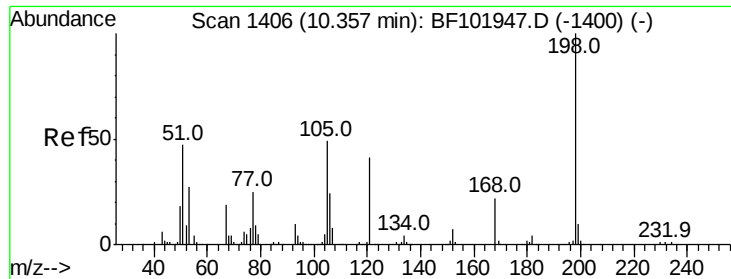
Tot Ion:184 Resp: 133
Ion Ratio Lower Upper
184 100
63 155.3 54.2 81.2#
154 308.5 184.0 276.0#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1557
Delta R.T. 0.01 min
Lab File: BF102196.D
Acq: 18 Jan 2018 17:25

Tgt Ion:188 Resp: 323079
Ion Ratio Lower Upper
188 100
94 12.1 8.5 12.7
80 12.0 9.2 13.8

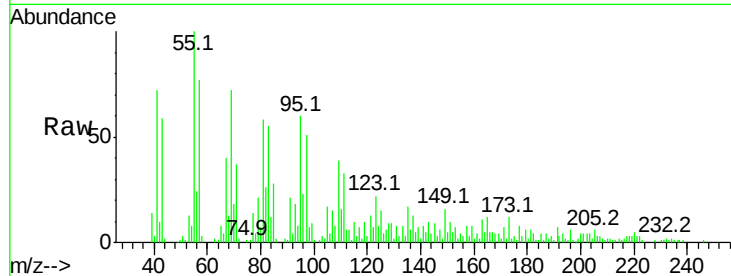




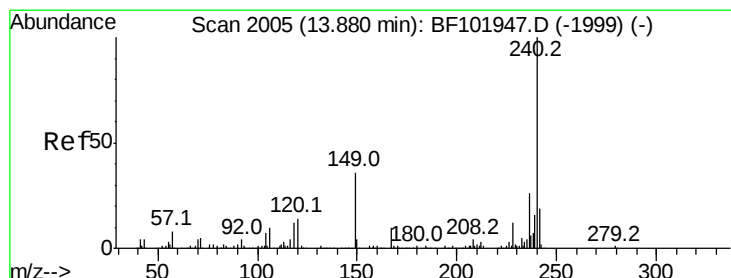
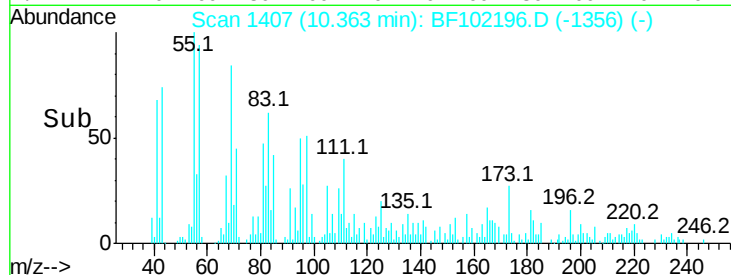
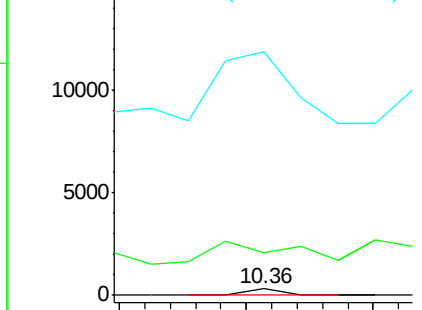
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.718 ng
 RT: 10.36 min Scan# 1407
 Delta R.T. -0.00 min
 Lab File: BF102196.D
 Acq: 18 Jan 2018 17:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:198 Resp: 111
 Ion Ratio Lower Upper
 198 100
 51 661.4 37.7 77.7#
 105 3752.8 36.3 76.3#

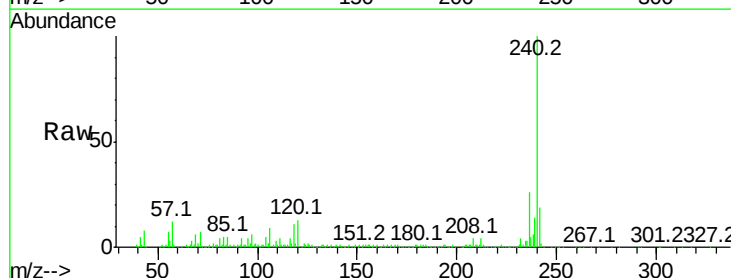


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

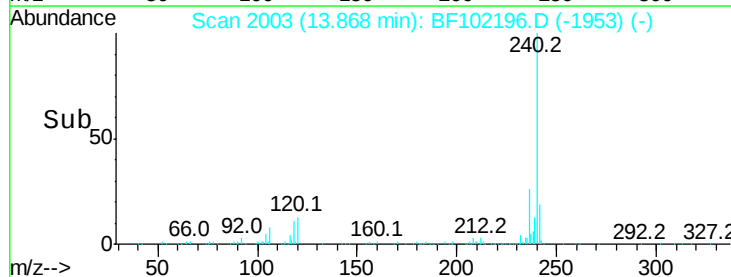
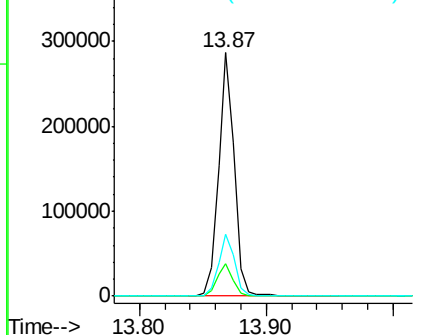


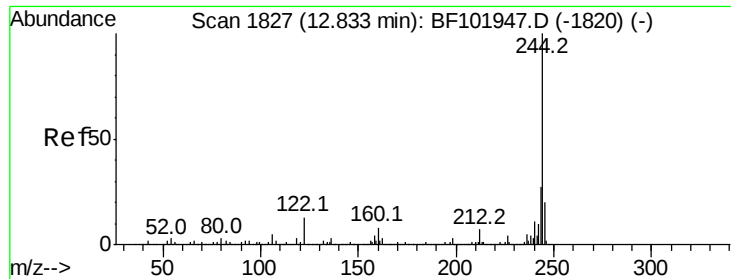
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. -0.01 min
 Lab File: BF102196.D
 Acq: 18 Jan 2018 17:25

Tgt Ion:240 Resp: 249737
 Ion Ratio Lower Upper
 240 100
 120 13.5 9.5 14.3
 236 25.7 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: 22.438 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF102196.D

Acq: 18 Jan 2018 17:25

Instrument :

BNA_F

ClientSampleId :

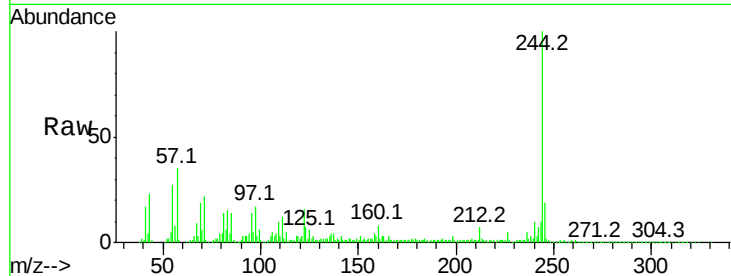
Tot Ion:244 Resp: 269890

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

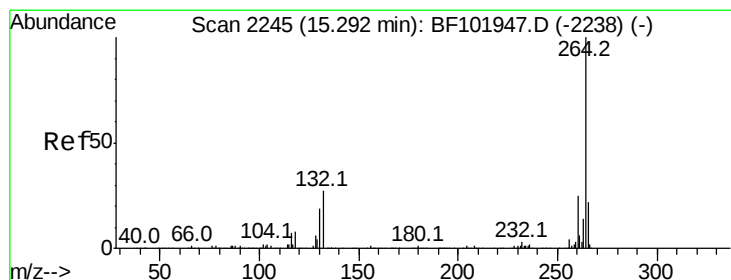
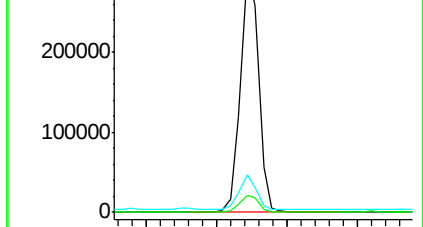
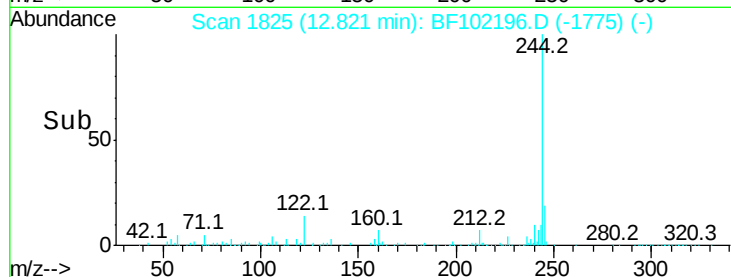
122 15.6 11.0 16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.28 min Scan# 2243

Delta R.T. -0.01 min

Lab File: BF102196.D

Acq: 18 Jan 2018 17:25

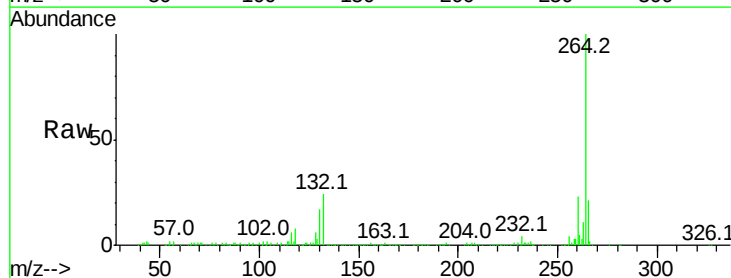
Tgt Ion:264 Resp: 238840

Ion Ratio Lower Upper

264 100

260 23.2 19.2 28.8

265 21.1 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

