

Data Path : U:\HPCHEM1\BNA F\DATA\BF012718\
 Data File : BF102550.D
 Acq On : 28 Jan 2018 10:10
 Operator : SJ/JU
 Sample : J1321-04
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 28 23:57:12 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 27 20:48:40 2018
 Response via : Initial Calibration

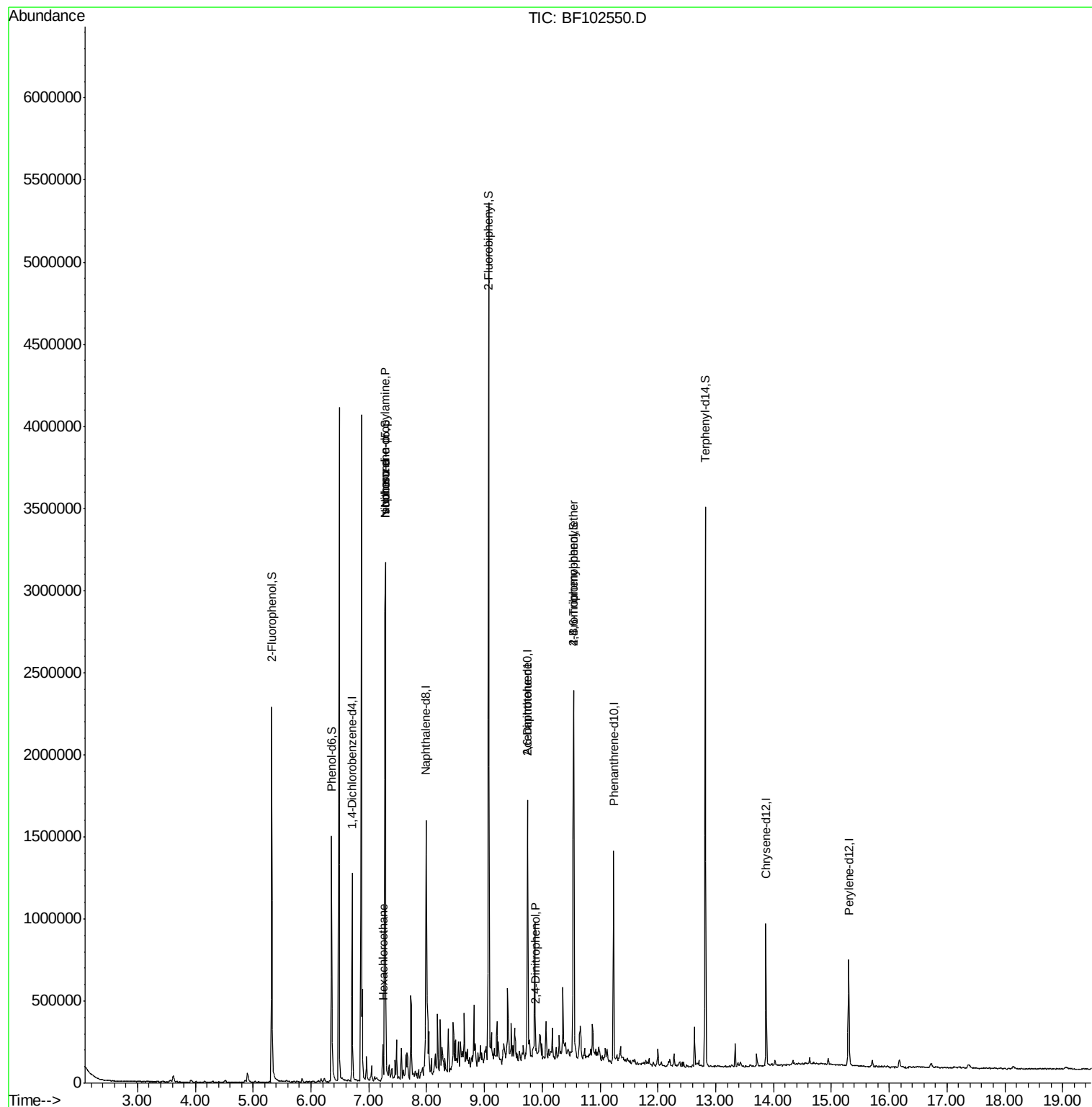
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	179631	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	737911	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	302506	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	417560	20.00	ng	0.00
75) Chrysene-d12	13.87	240	310701	20.00	ng	0.00
86) Perylene-d12	15.30	264	260025	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	679558	57.36	ng	0.00
7) Phenol-d6	6.35	99	522925	36.61	ng	-0.01
23) Nitrobenzene-d5	7.29	82	1070296	83.35	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	281446	93.90	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1741418	84.64	ng	0.00
78) Terphenyl-d14	12.82	244	1178768	85.53	ng	0.00
Target Compounds						
18) Hexachloroethane	7.24	117	34280	6.649	ng	# 29
19) n-Nitroso-di-n-propylamine	7.29	70	146859	16.802	ng	# 78
25) Isophorone	7.29	82	1069942	46.739	ng	# 64
50) 2,6-Dinitrotoluene	9.75	165	40289	7.474	ng	# 28
53) 2,4-Dinitrophenol	9.89	184	275	3.804	ng	# 1
66) 4-Bromophenyl-phenylether	10.54	248	19420	4.320	ng	# 1

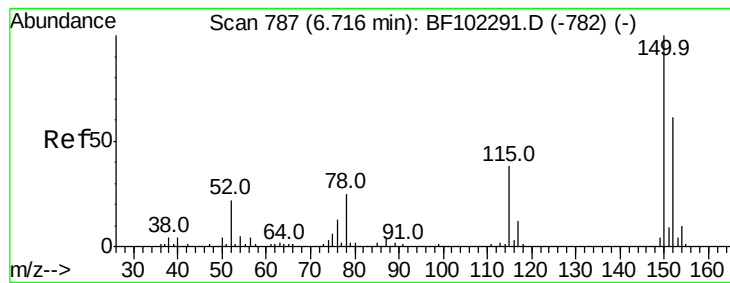
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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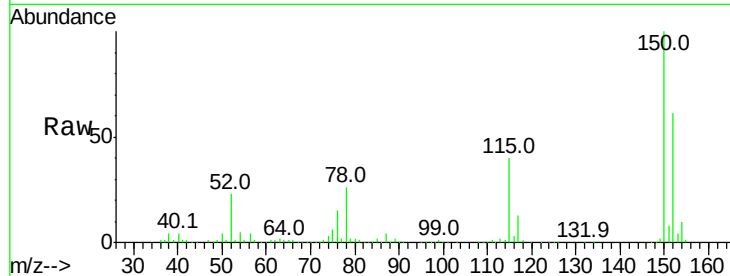


#1

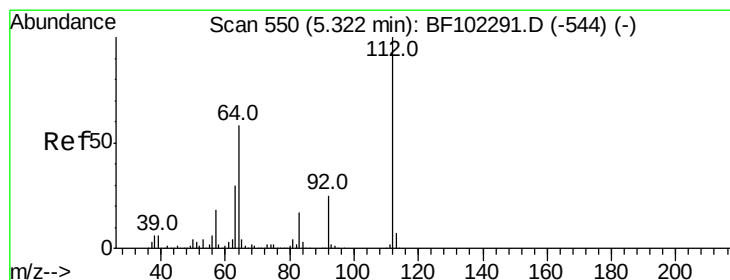
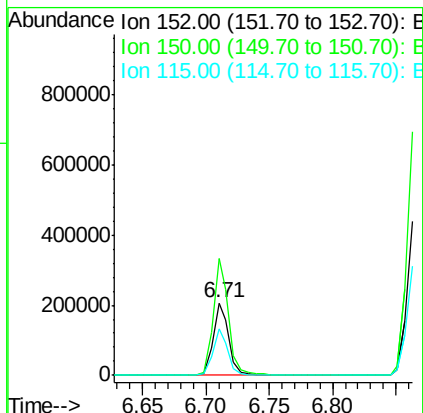
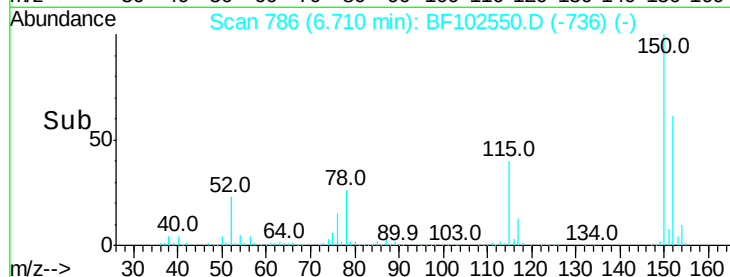
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF102550.D
Acq: 28 Jan 2018 10:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 179631
Ion Ratio Lower Upper
152 100
150 162.6 124.6 186.8
115 65.2 50.1 75.1



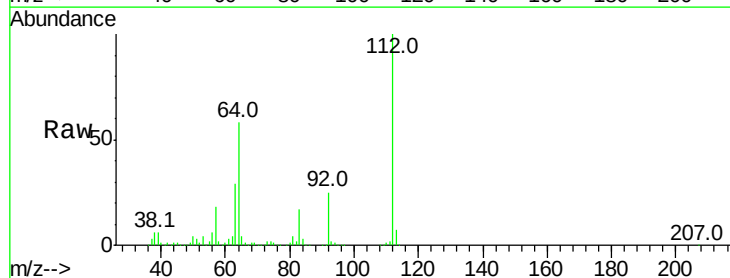
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



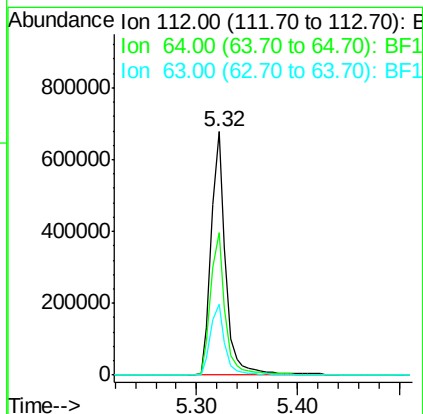
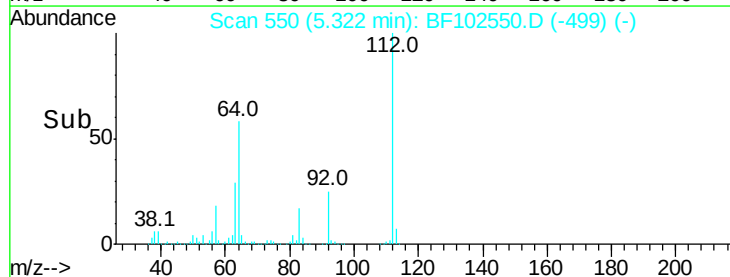
#5

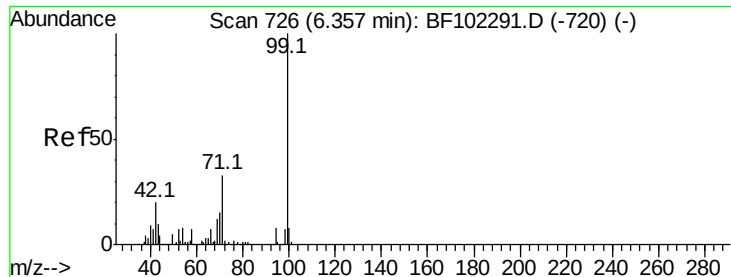
2-Fluorophenol
Concen: 57.361 ng
RT: 5.32 min Scan# 550
Delta R.T. -0.00 min
Lab File: BF102550.D
Acq: 28 Jan 2018 10:10

Tgt Ion:112 Resp: 679558
Ion Ratio Lower Upper
112 100
64 58.4 47.9 71.9
63 29.1 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: 36.613 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF102550.D

Acq: 28 Jan 2018 10:10

Instrument :

BNA_F

ClientSampleId :

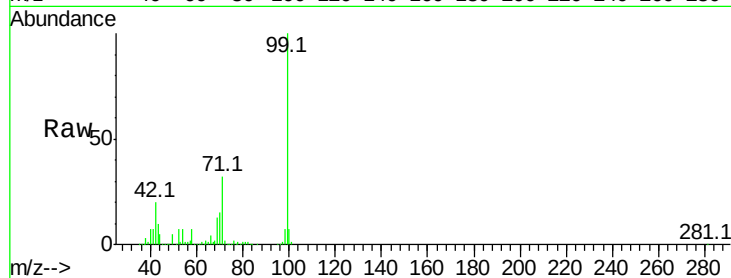
Tot Ion: 99 Resp: 522925

Ion Ratio Lower Upper

99 100

42 19.5 14.5 21.7

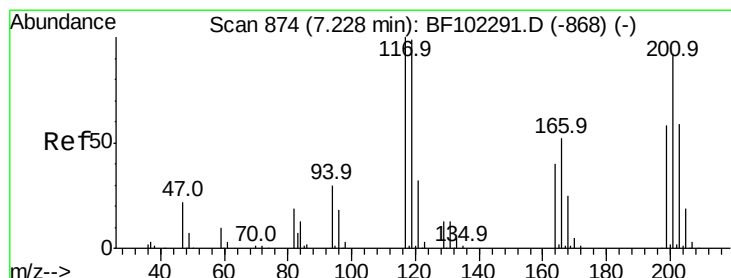
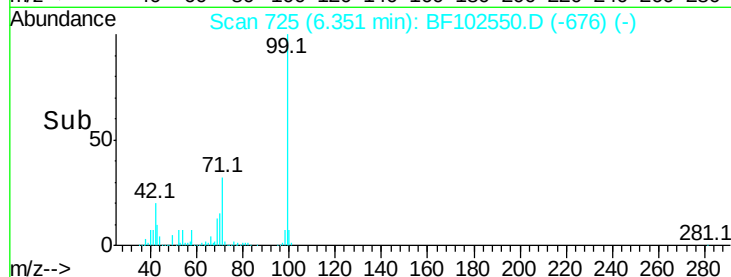
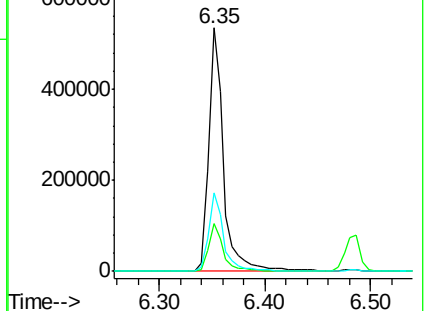
71 32.2 25.4 38.0



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



#18

Hexachloroethane

Concen: 6.649 ng

RT: 7.24 min Scan# 876

Delta R.T. 0.02 min

Lab File: BF102550.D

Acq: 28 Jan 2018 10:10

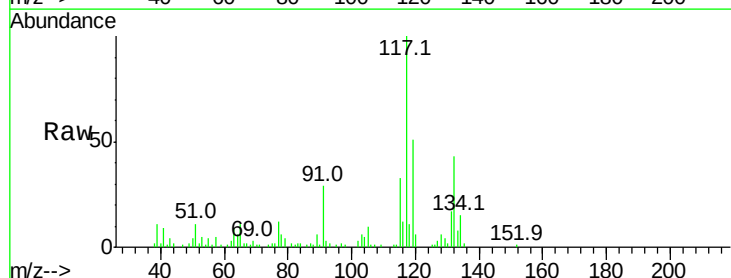
Tgt Ion: 117 Resp: 34280

Ion Ratio Lower Upper

117 100

119 51.1 75.8 113.8#

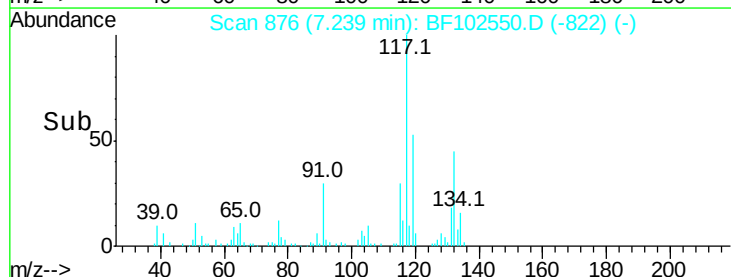
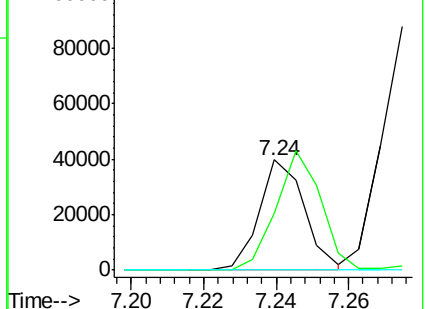
201 0.0 75.7 113.5#

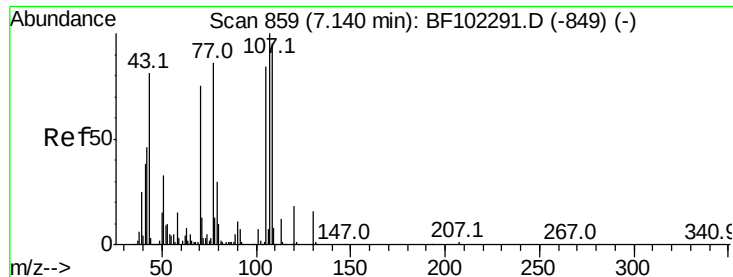


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

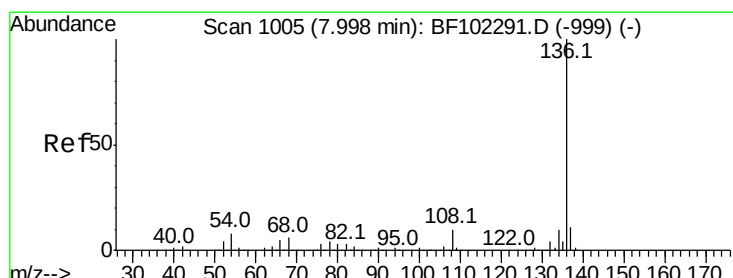
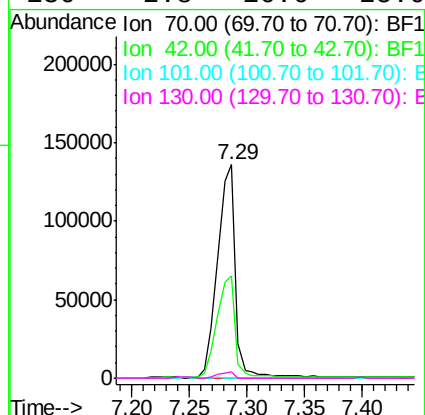
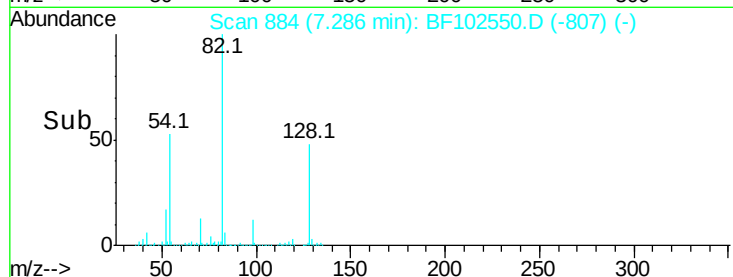
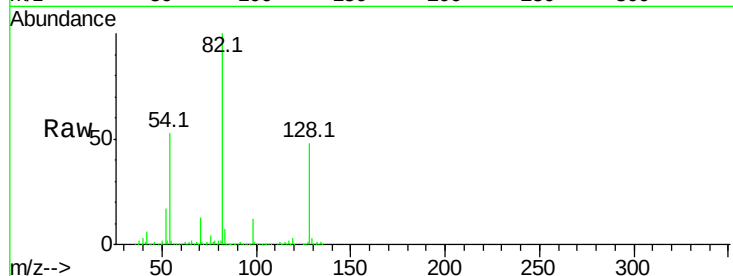




#19
n-Nitroso-di-n-propylamine
Concen: 16.802 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.15 min
Lab File: BF102550.D
Acq: 28 Jan 2018 10:10

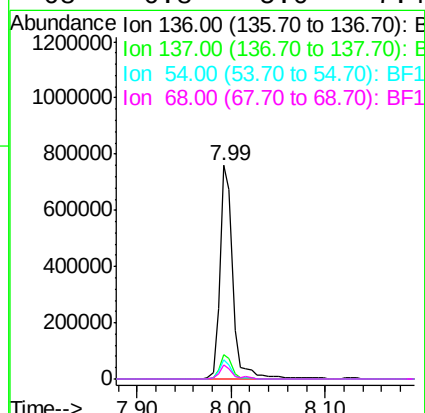
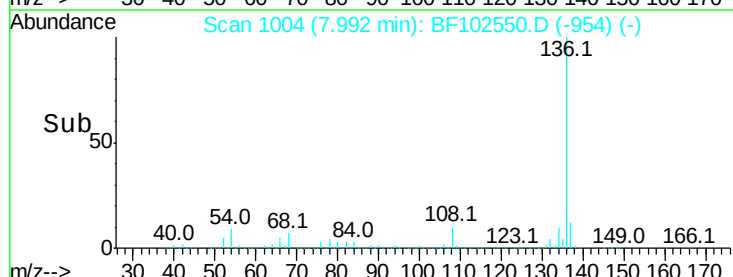
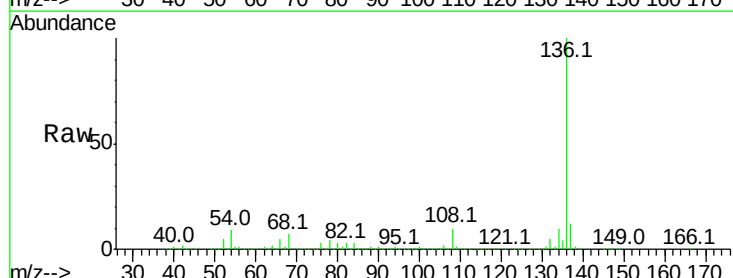
Instrument :
BNA_F
ClientSampleId :

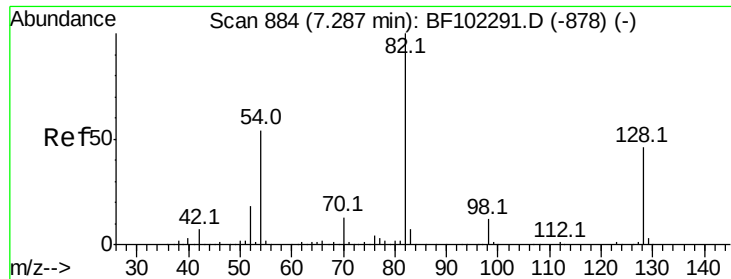
Tot Ion: 70 Resp: 146859
Ion Ratio Lower Upper
70 100
42 48.1 47.5 71.3
101 0.0 7.4 11.2#
130 2.8 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF102550.D
Acq: 28 Jan 2018 10:10

Tgt Ion:136 Resp: 737911
Ion Ratio Lower Upper
136 100
137 11.6 8.9 13.3
54 8.9 6.6 9.8
68 6.8 5.0 7.4



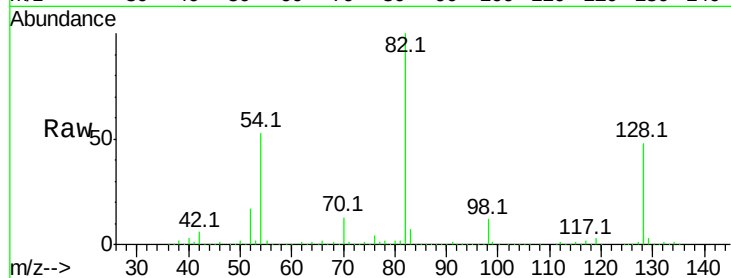


#23
 Nitrobenzene-d5
 Concen: 83.352 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.00 min
 Lab File: BF102550.D
 Acq: 28 Jan 2018 10:10

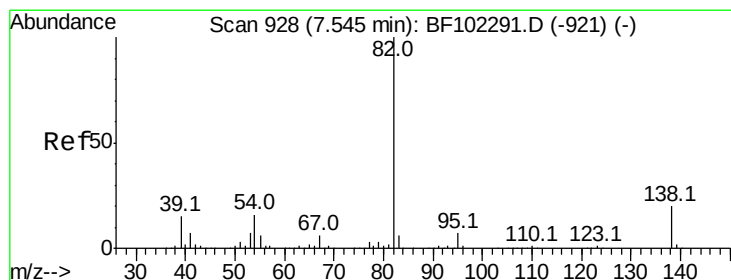
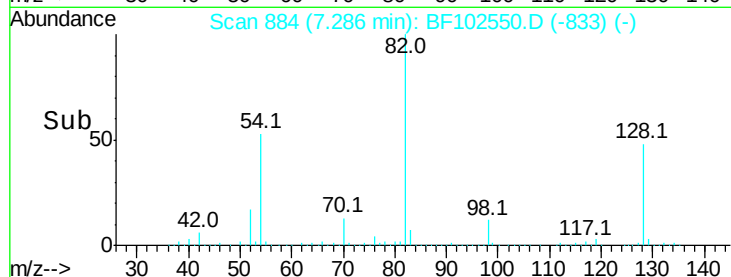
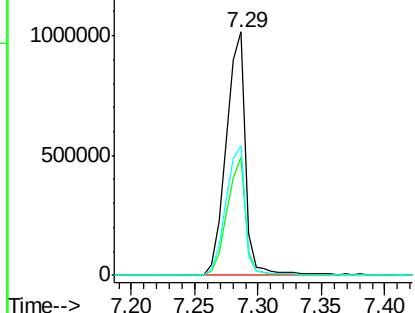
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1070296

Ion	Ratio	Lower	Upper
82	100		
128	48.3	36.1	54.1
54	53.1	41.4	62.2



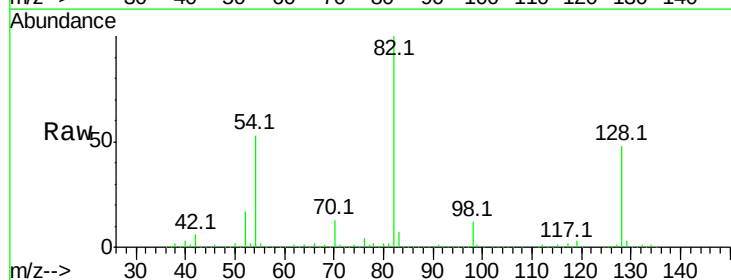
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1



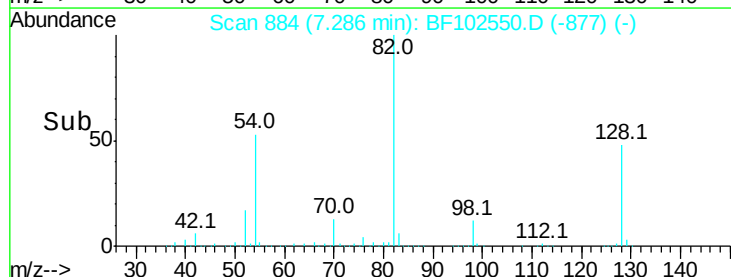
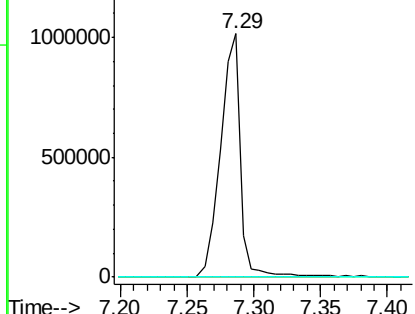
#25
 Isophorone
 Concen: 46.739 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.26 min
 Lab File: BF102550.D
 Acq: 28 Jan 2018 10:10

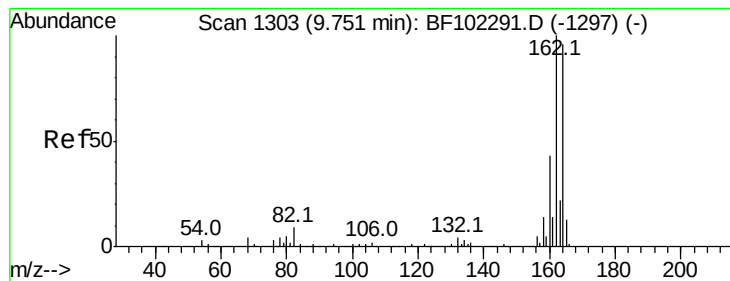
Tgt Ion: 82 Resp: 1069942

Ion	Ratio	Lower	Upper
82	100		
95	0.1	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: 9.75 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF102550.D

Acq: 28 Jan 2018 10:10

Instrument :

BNA_F

ClientSampled :

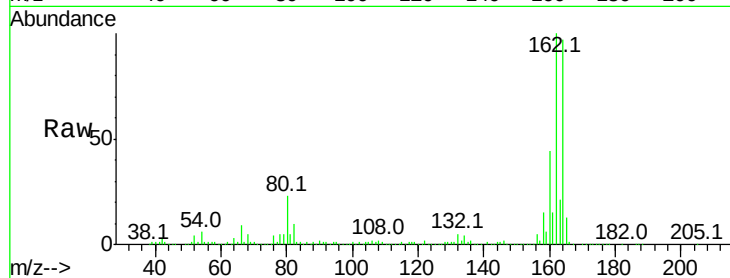
Tot Ion:164 Resp: 302506

Ion Ratio Lower Upper

164 100

162 103.4 86.1 129.1

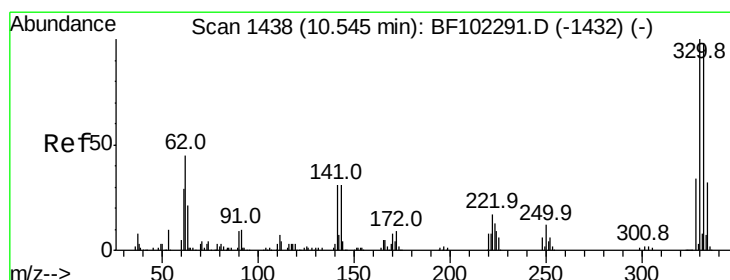
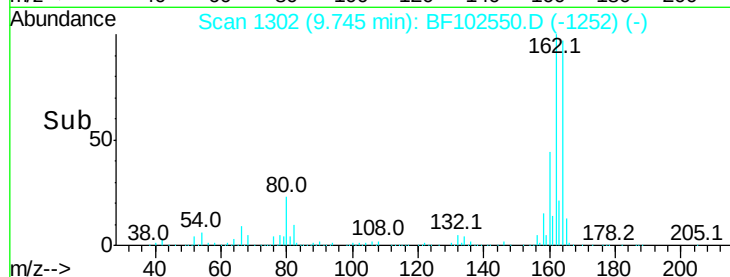
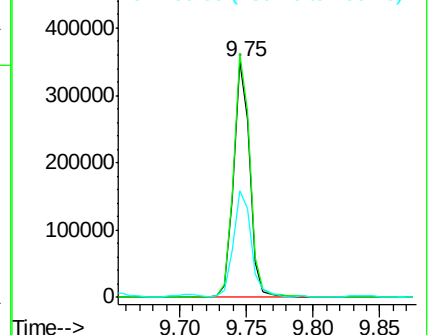
160 45.6 38.3 57.5



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: 93.897 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.00 min

Lab File: BF102550.D

Acq: 28 Jan 2018 10:10

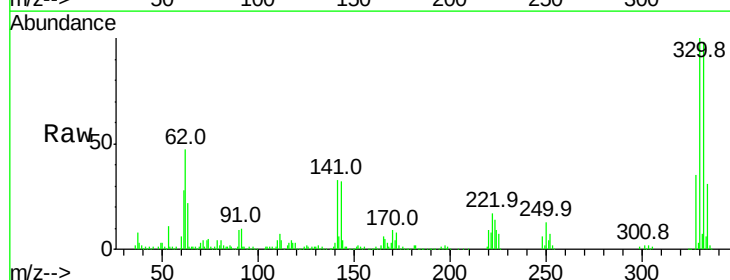
Tgt Ion:330 Resp: 281446

Ion Ratio Lower Upper

330 100

332 96.4 77.0 115.6

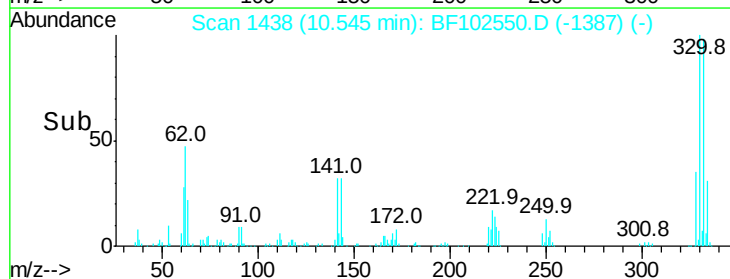
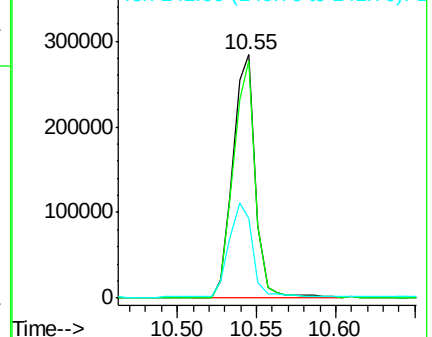
141 40.5 29.9 44.9

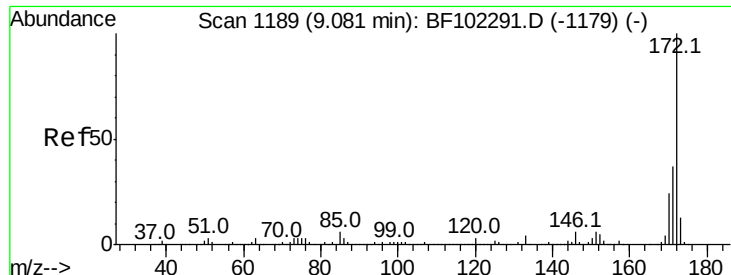


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

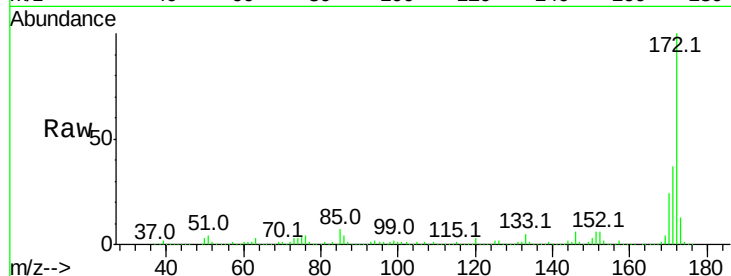




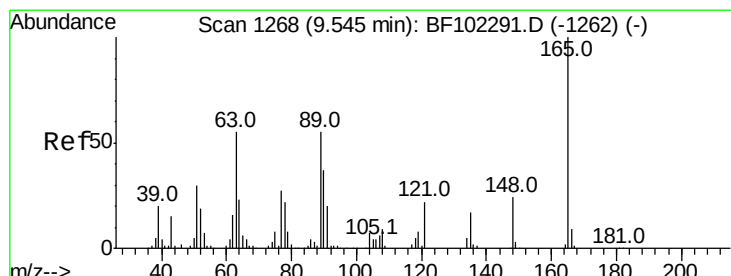
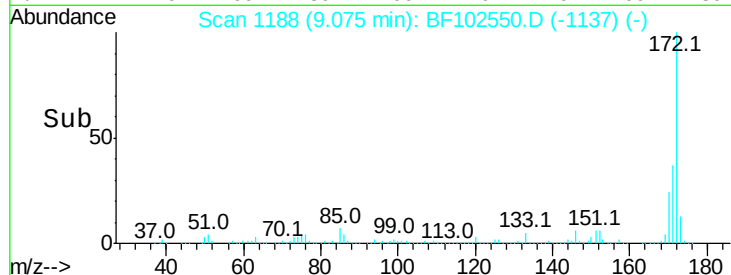
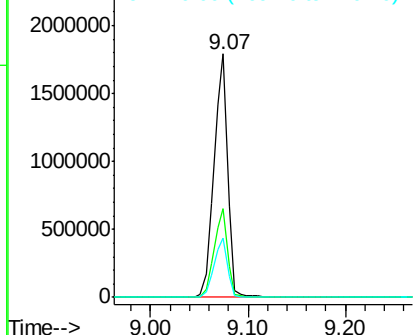
#44
 2-Fluorobiphenyl
 Concen: 84.643 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: BF102550.D
 Acq: 28 Jan 2018 10:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1741418
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.7 44.5
 170 24.2 19.6 29.4

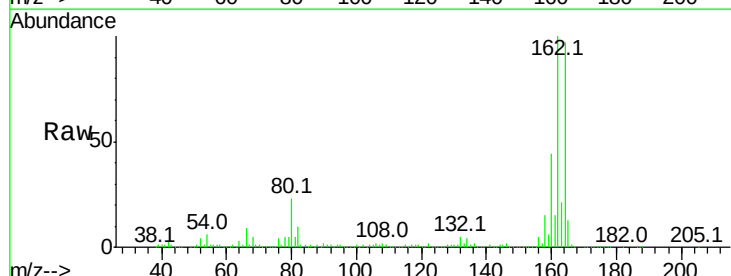


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

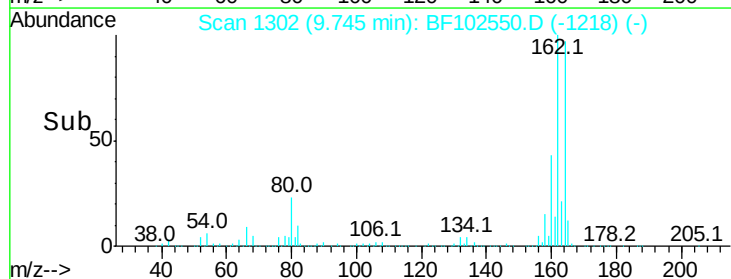
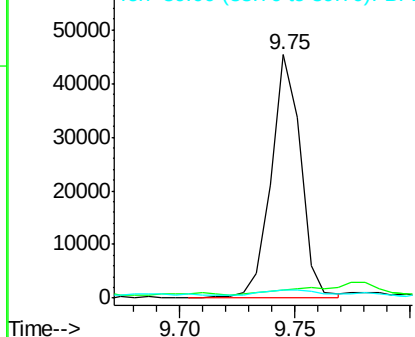


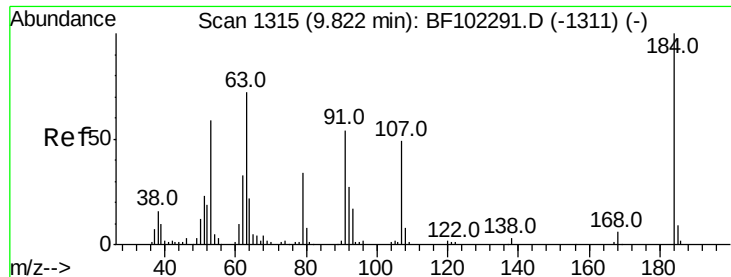
#50
 2,6-Dinitrotoluene
 Concen: 7.474 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. 0.19 min
 Lab File: BF102550.D
 Acq: 28 Jan 2018 10:10

Tgt Ion:165 Resp: 40289
 Ion Ratio Lower Upper
 165 100
 63 3.5 44.7 67.1#
 89 3.1 44.0 66.0#



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

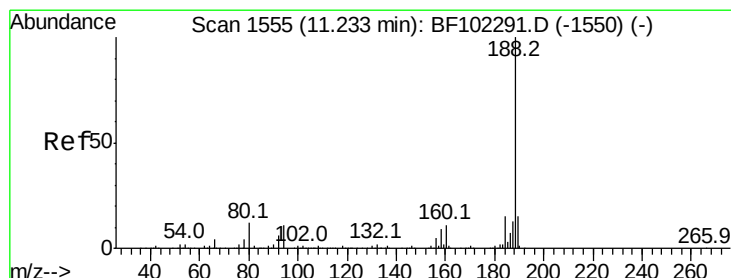
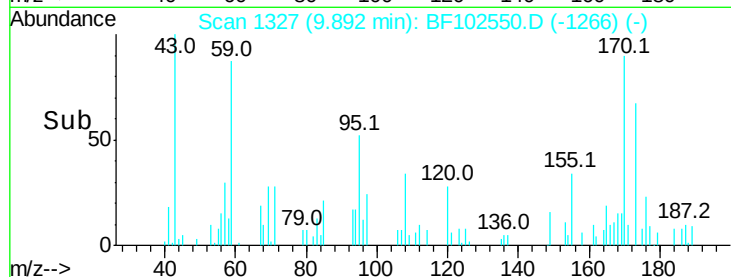
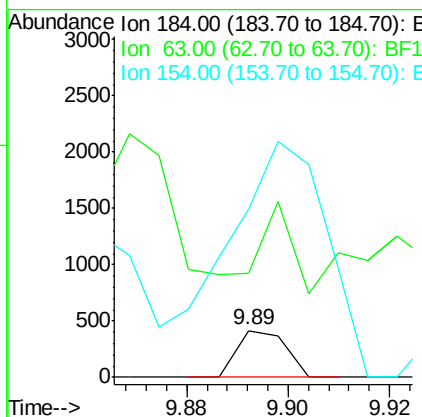
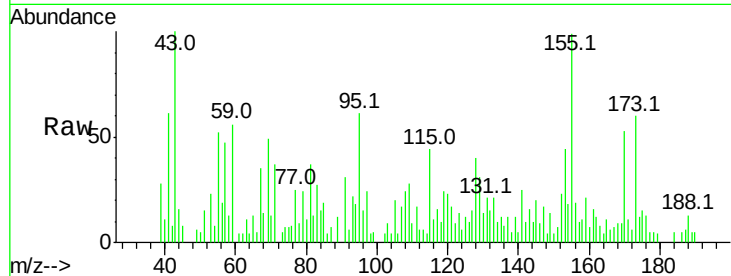




#53
 2,4-Dinitrophenol
 Concen: 3.804 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. 0.06 min
 Lab File: BF102550.D
 Acq: 28 Jan 2018 10:10

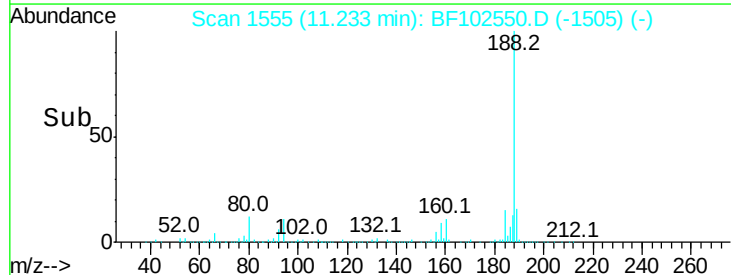
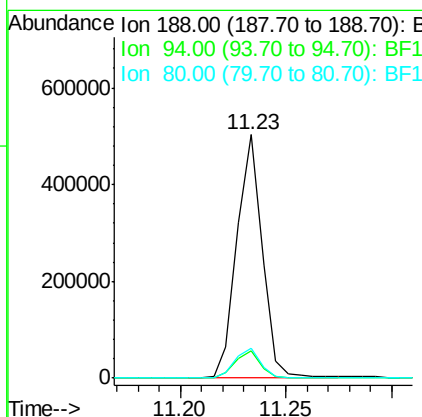
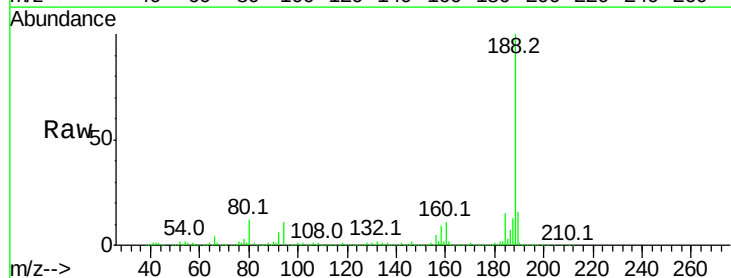
Instrument :
 BNA_F
 ClientSampleID :

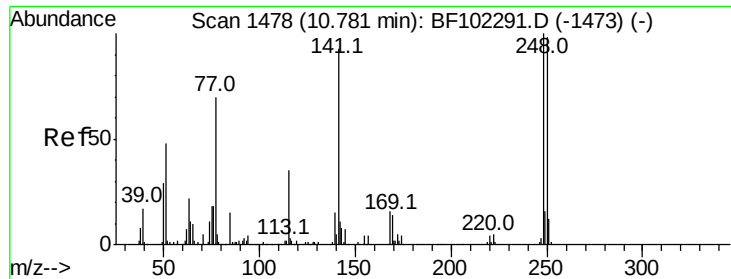
Tot Ion:184 Resp: 275
 Ion Ratio Lower Upper
 184 100
 63 222.9 54.2 81.2#
 154 359.4 184.0 276.0#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.23 min Scan# 1555
 Delta R.T. -0.01 min
 Lab File: BF102550.D
 Acq: 28 Jan 2018 10:10

Tgt Ion:188 Resp: 417560
 Ion Ratio Lower Upper
 188 100
 94 11.4 8.5 12.7
 80 12.2 9.2 13.8

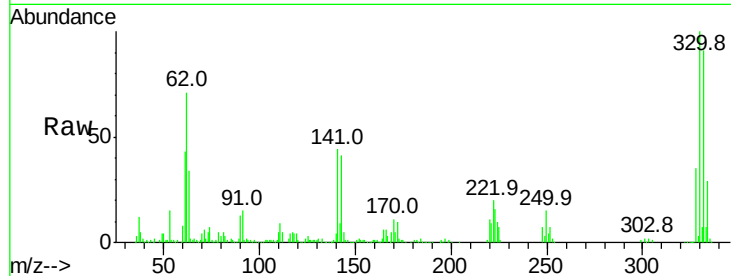




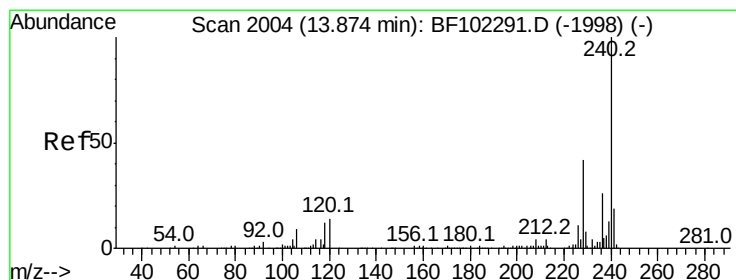
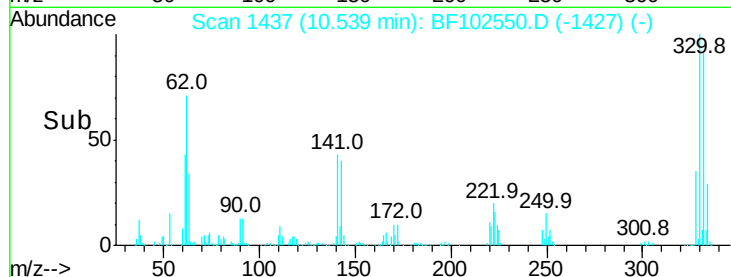
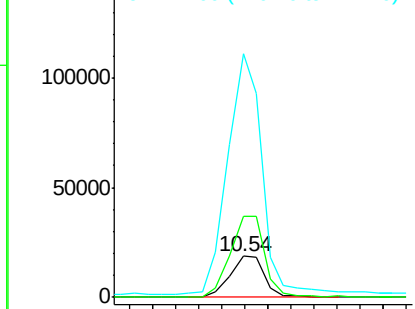
#66
4-Bromophenyl-phenylether
Concen: 4.320 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.24 min
Lab File: BF102550.D
Acq: 28 Jan 2018 10:10

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 19420
Ion Ratio Lower Upper
248 100
250 196.5 76.9 115.3#
141 589.3 74.4 111.6#

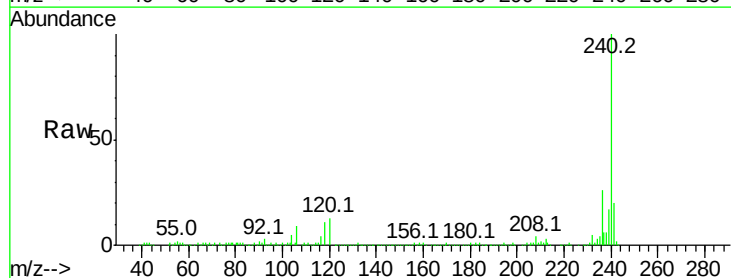


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

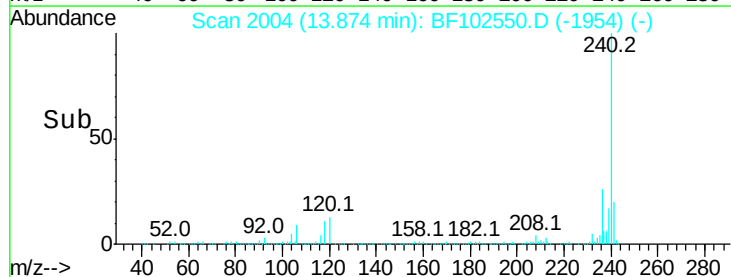
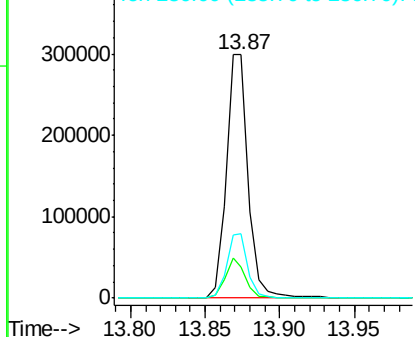


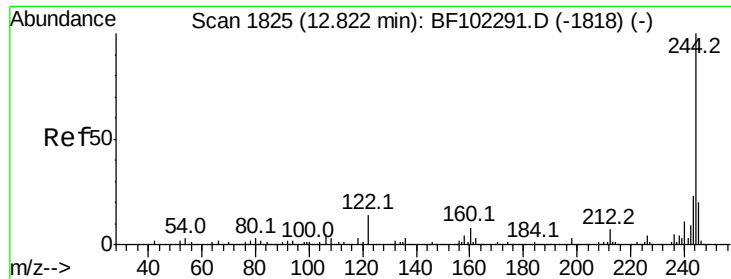
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BF102550.D
Acq: 28 Jan 2018 10:10

Tgt Ion:240 Resp: 310701
Ion Ratio Lower Upper
240 100
120 13.0 9.5 14.3
236 26.3 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: 85.528 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.00 min

Lab File: BF102550.D

Acq: 28 Jan 2018 10:10

Instrument :

BNA_F

ClientSampleId :

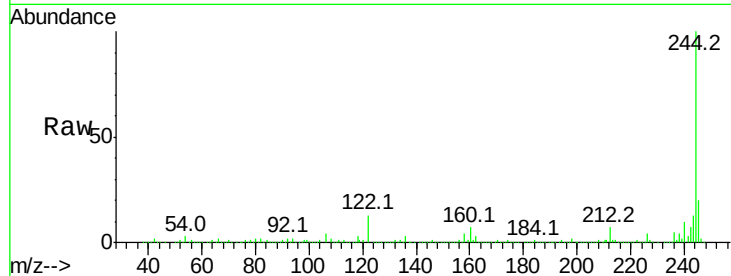
Tot Ion:244 Resp: 1178768

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

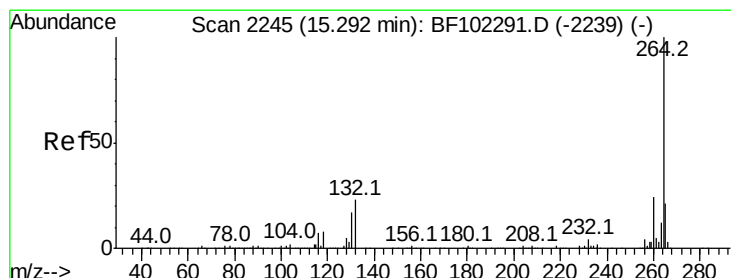
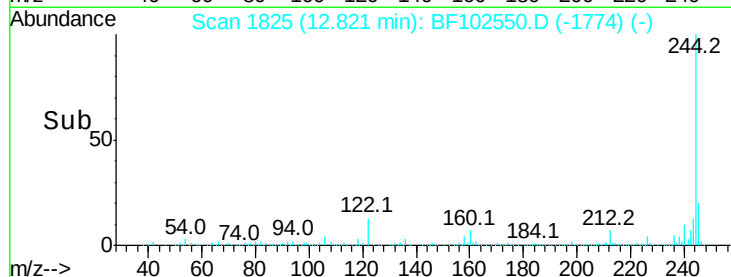
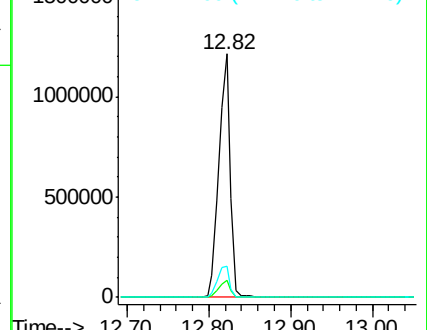
122 12.9 11.0 16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.30 min Scan# 2246

Delta R.T. -0.01 min

Lab File: BF102550.D

Acq: 28 Jan 2018 10:10

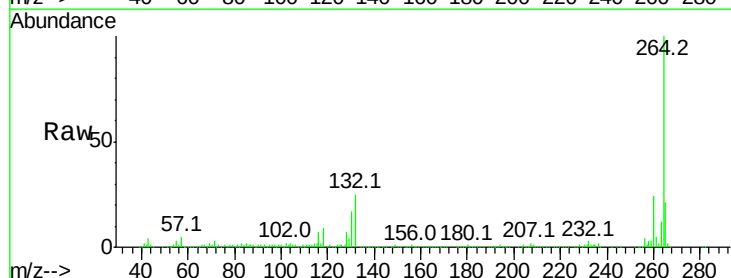
Tgt Ion:264 Resp: 260025

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 20.9 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

