

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101618\
 Data File : BF109904.D
 Acq On : 16 Oct 2018 14:46
 Operator : JU/SJ
 Sample : J5526-10
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 16 16:28:38 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 14:58:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	273535	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	1006877	20.00	ng	0.00
39) Acenaphthene-d10	10.02	164	396667	20.00	ng	0.00
64) Phenanthrene-d10	11.52	188	574758	20.00	ng	0.00
76) Chrysene-d12	14.16	240	606005	20.00	ng	0.00
87) Perylene-d12	15.69	264	656234	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	1993350	115.51	ng	0.01
7) Phenol-d6	6.60	99	2514066	117.33	ng	0.00
23) Nitrobenzene-d5	7.55	82	1555922	104.10	ng	0.00
42) 2,4,6-Tribromophenol	10.82	330	377281	109.86	ng	0.00
45) 2-Fluorobiphenyl	9.34	172	2263310	91.05	ng	0.00
79) Terphenyl-d14	13.10	244	1685674	58.41	ng	0.00

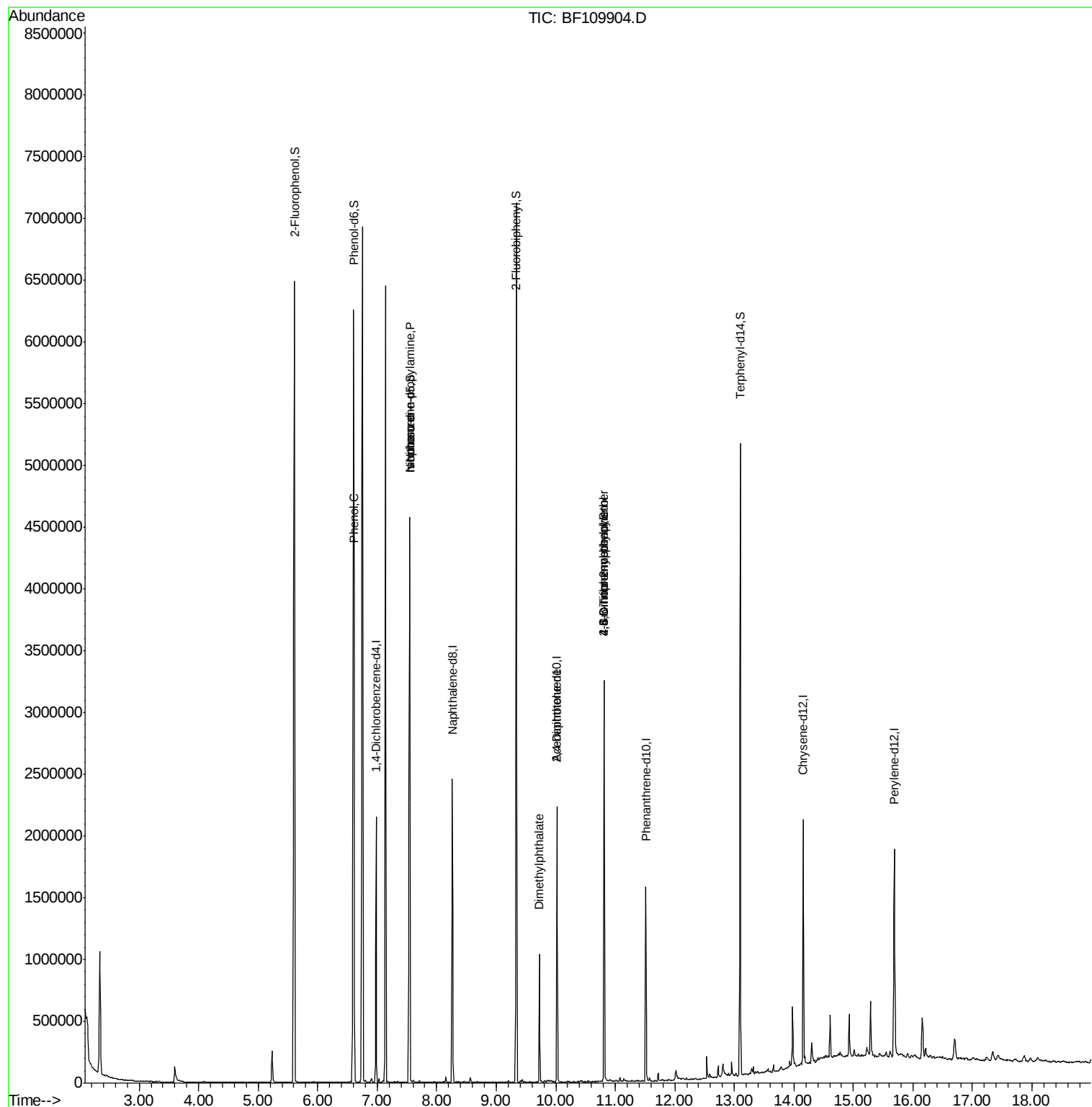
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.62	94	111220	4.807	ng	# 58
19) n-Nitroso-di-n-propylamine	7.55	70	210604	15.307	ng	# 80
25) Isophorone	7.55	82	1555901	52.978	ng	# 67
50) Dimethylphthalate	9.73	163	366453	13.047	ng	# 99
57) 2,4-Dinitrotoluene	10.02	165	49408	11.215	ng	# 19
65) 4,6-Dinitro-2-methylphenol	10.81	198	894	8.263	ng	# 1
67) 4-Bromophenyl-phenylether	10.81	248	24179	3.882	ng	# 1

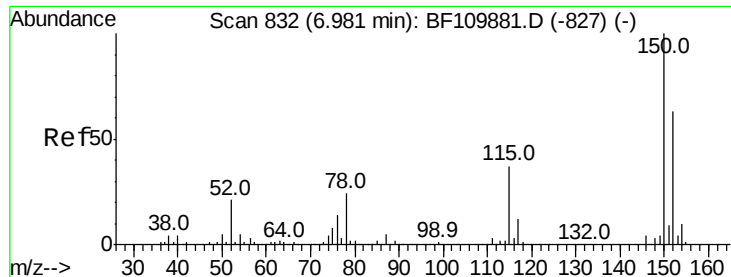
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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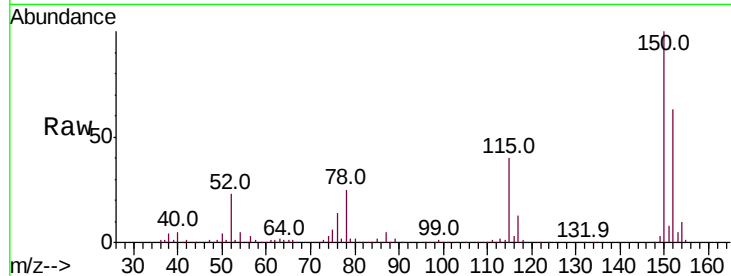


#1

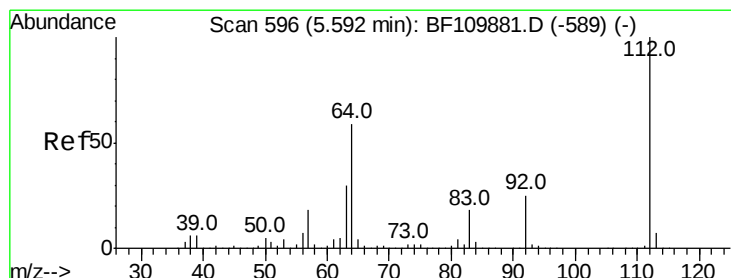
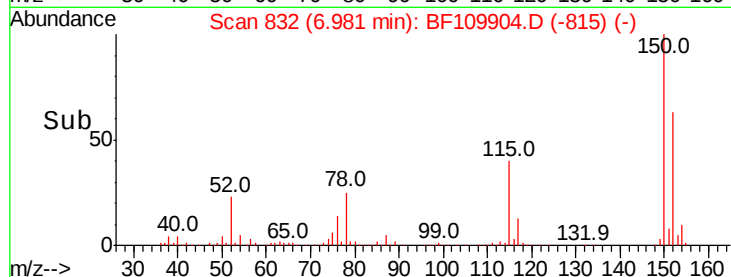
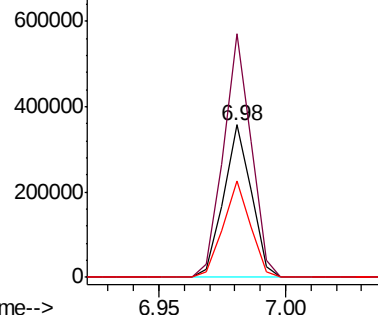
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.00 min
Lab File: BF109904.D
Acq: 16 Oct 2018 14:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 273535
Ion Ratio Lower Upper
152 100
150 159.7 122.7 184.1
115 63.3 49.1 73.7



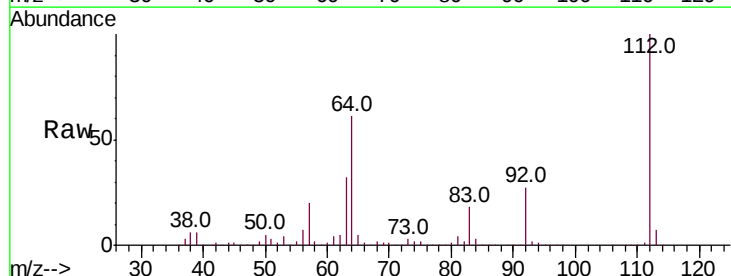
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



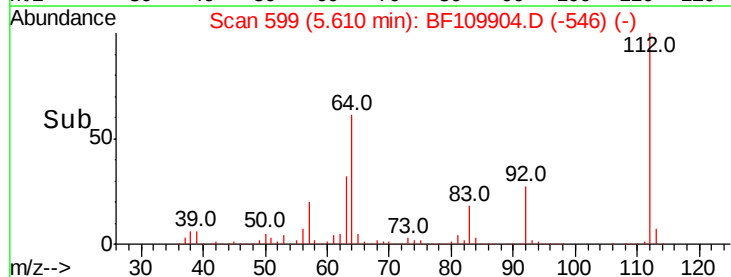
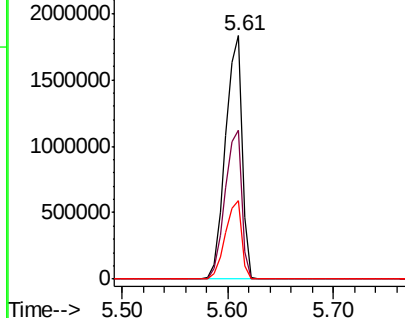
#5

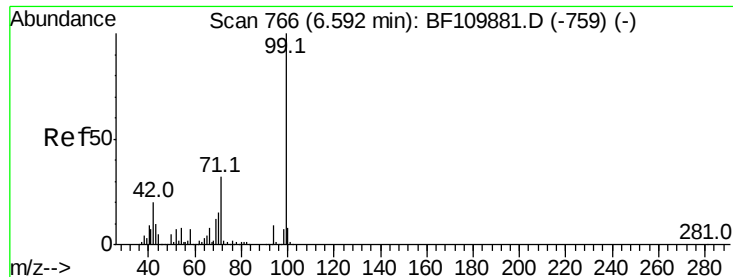
2-Fluorophenol
Concen: 115.515 ng
RT: 5.61 min Scan# 599
Delta R.T. 0.01 min
Lab File: BF109904.D
Acq: 16 Oct 2018 14:46

Tgt Ion:112 Resp: 1993350
Ion Ratio Lower Upper
112 100
64 61.2 44.1 66.1
63 32.2 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: 117.328 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.00 min

Lab File: BF109904.D

Acq: 16 Oct 2018 14:46

Instrument :

BNA_F

ClientSampled :

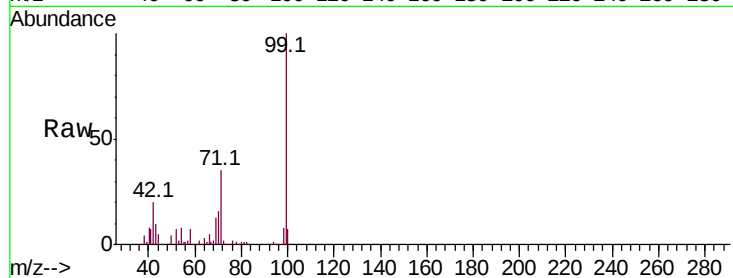
Tot Ion: 99 Resp: 2514066

Ion Ratio Lower Upper

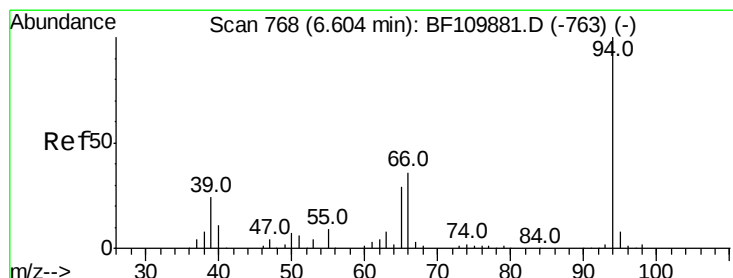
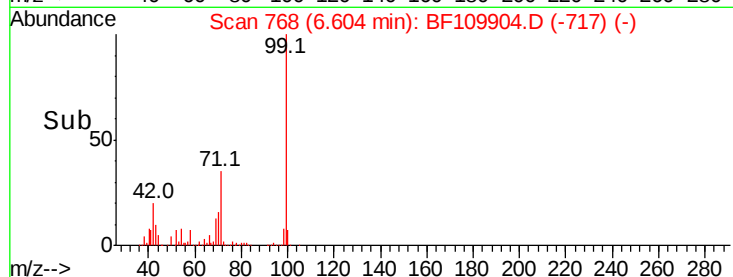
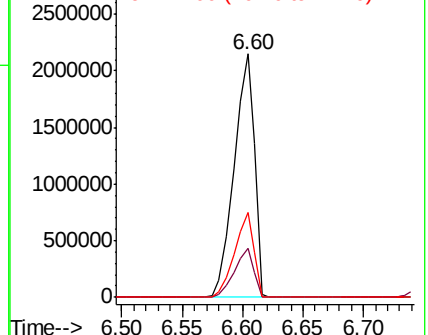
99 100

42 19.9 15.8 23.6

71 34.7 28.0 42.0



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: 4.807 ng

RT: 6.62 min Scan# 770

Delta R.T. -0.00 min

Lab File: BF109904.D

Acq: 16 Oct 2018 14:46

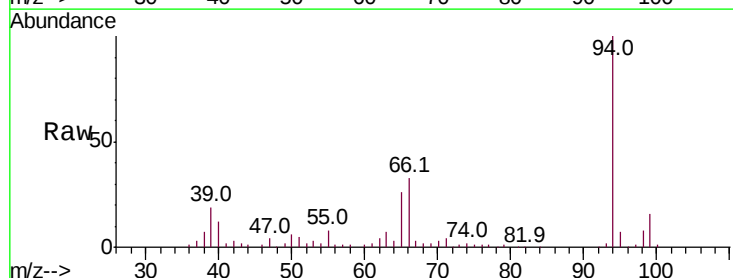
Tgt Ion: 94 Resp: 111220

Ion Ratio Lower Upper

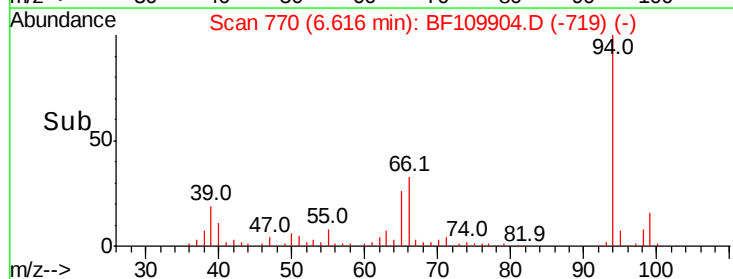
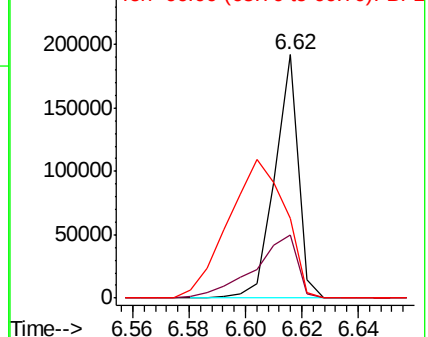
94 100

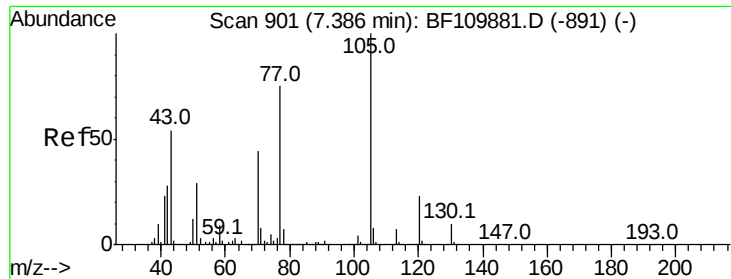
65 25.8 25.3 65.3

66 32.7 54.5 94.5#



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

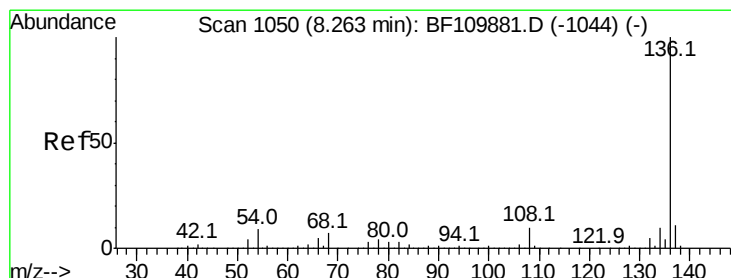
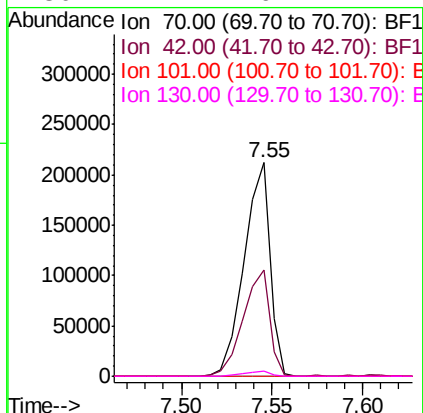
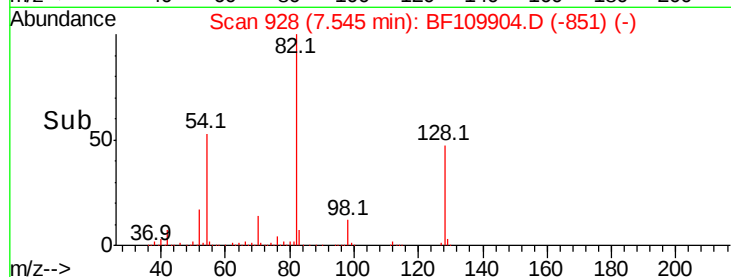
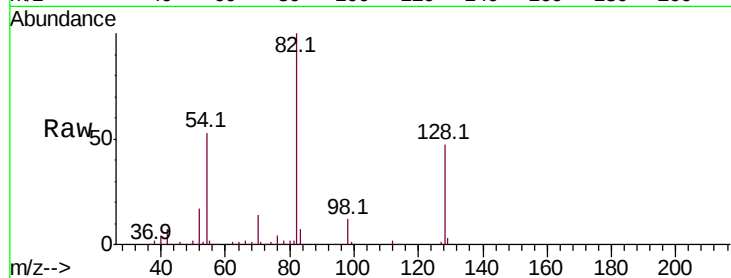




#19
n-Nitroso-di-n-propylamine
Concen: 15.307 ng
RT: 7.55 min Scan# 928
Delta R.T. 0.15 min
Lab File: BF109904.D
Acq: 16 Oct 2018 14:46

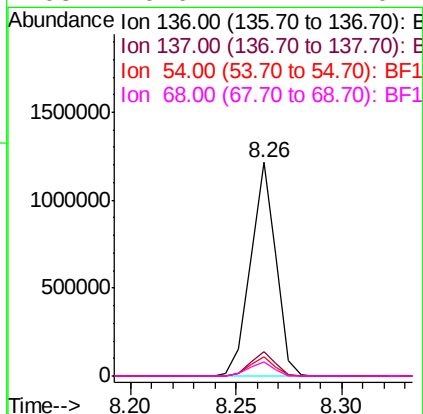
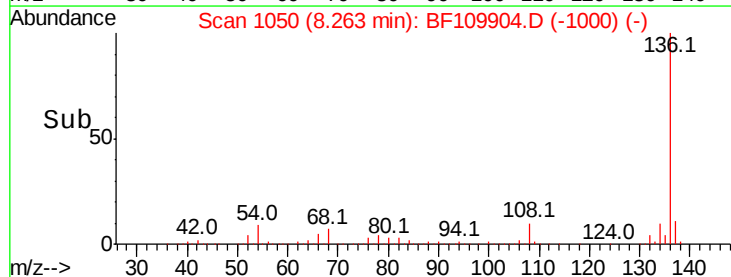
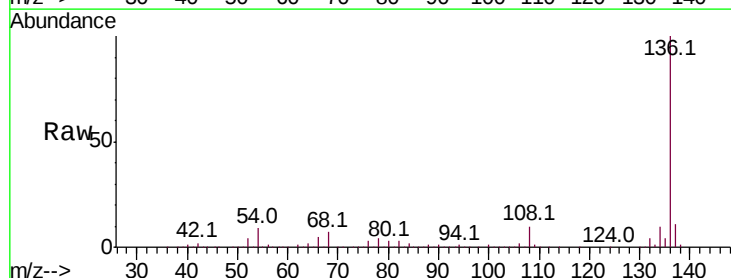
Instrument :
BNA_F
ClientSampleId :

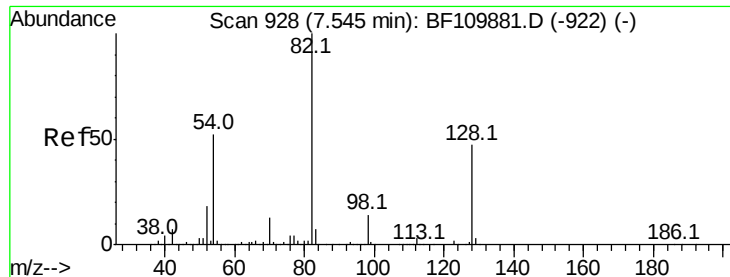
Tot Ion: 70 Resp: 210604
Ion Ratio Lower Upper
70 100
42 49.5 47.4 71.2
101 0.0 7.3 10.9#
130 2.1 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BF109904.D
Acq: 16 Oct 2018 14:46

Tgt Ion:136 Resp: 1006877
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 8.7 5.4 8.2#
68 6.6 4.2 6.2#



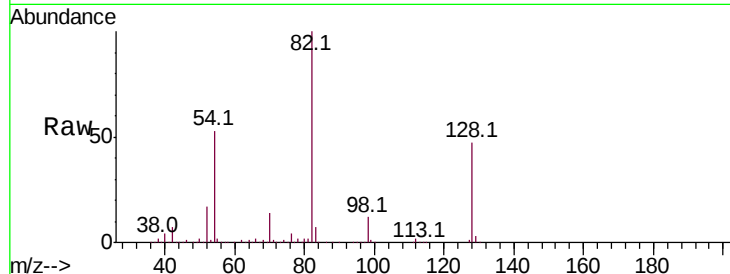


#23
 Nitrobenzene-d5
 Concen: 104.097 ng
 RT: 7.55 min Scan# 928
 Delta R.T. -0.01 min
 Lab File: BF109904.D
 Acq: 16 Oct 2018 14:46

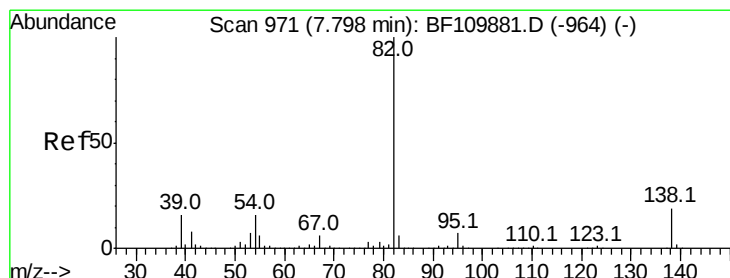
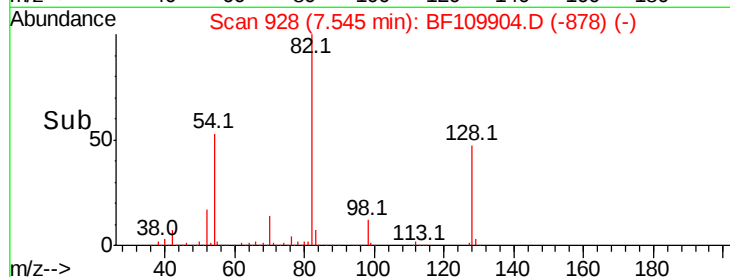
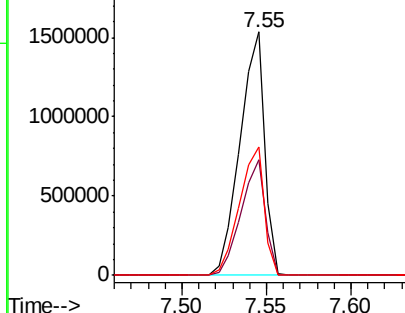
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1555922

Ion	Ratio	Lower	Upper
82	100		
128	47.3	34.2	51.2
54	52.8	38.6	58.0



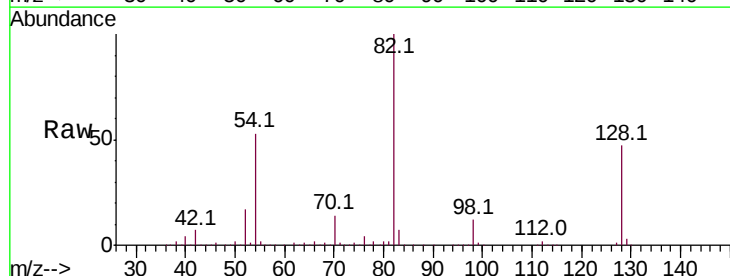
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1



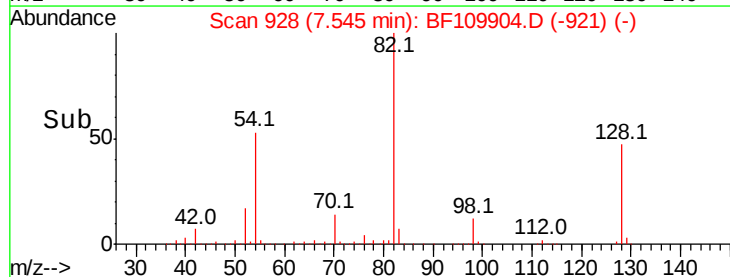
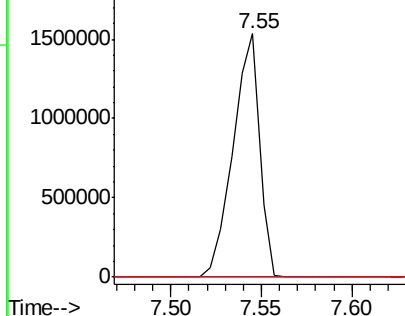
#25
 Isophorone
 Concen: 52.978 ng
 RT: 7.55 min Scan# 928
 Delta R.T. -0.26 min
 Lab File: BF109904.D
 Acq: 16 Oct 2018 14:46

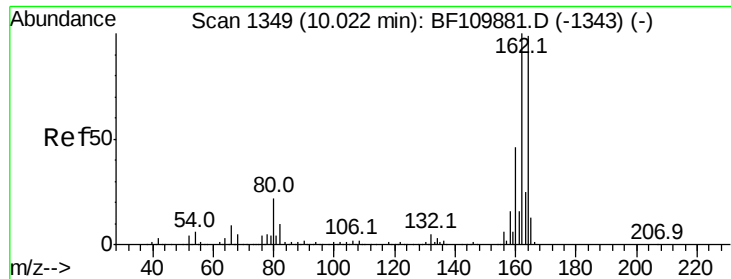
Tgt Ion: 82 Resp: 1555901

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.7	8.5#
138	0.0	13.2	19.8#



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

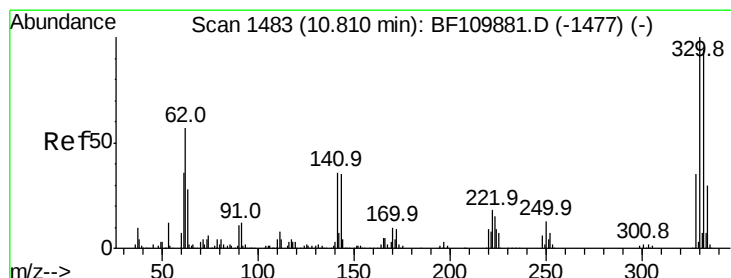
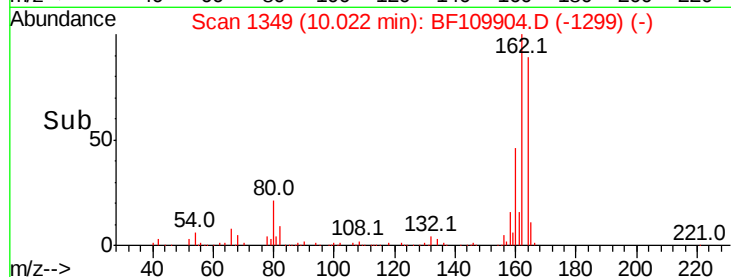
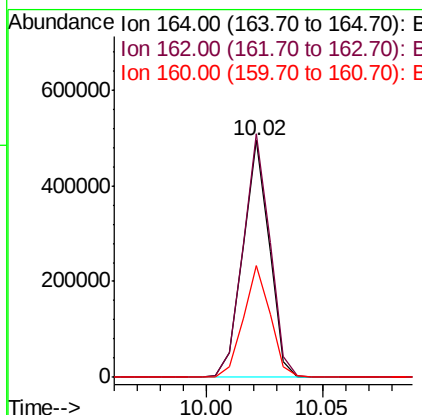
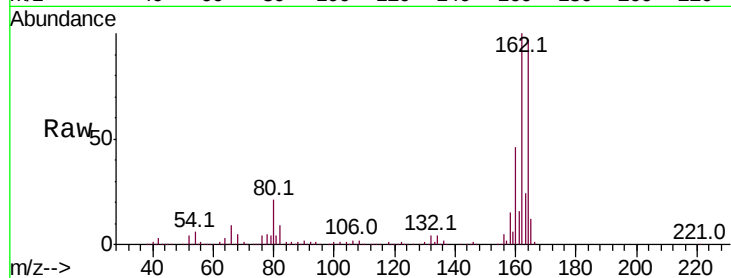




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.02 min Scan# 1349
 Delta R.T. -0.01 min
 Lab File: BF109904.D
 Acq: 16 Oct 2018 14:46

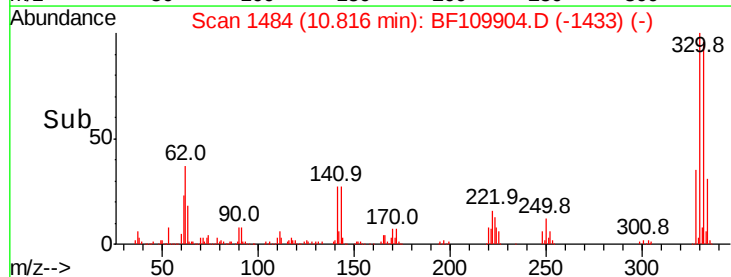
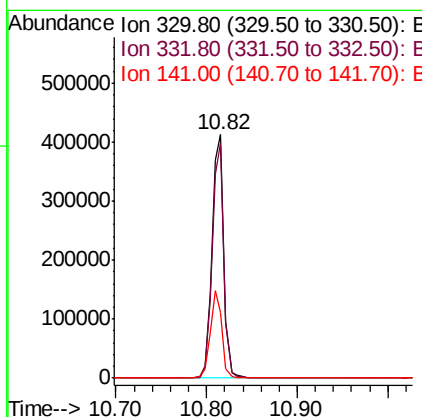
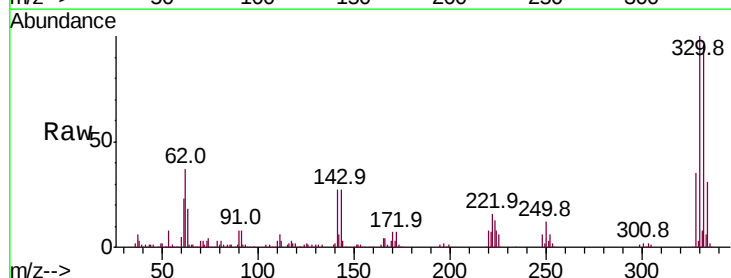
Instrument :
 BNA_F
 ClientSampleId :

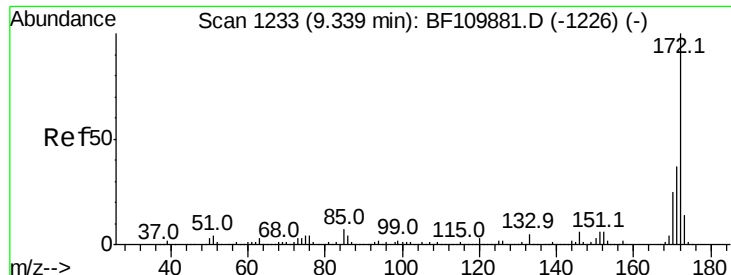
Tot Ion:164 Resp: 396667
 Ion Ratio Lower Upper
 164 100
 162 102.8 83.0 124.6
 160 47.0 37.0 55.6



#42
 2,4,6-Tribromophenol
 Concen: 109.859 ng
 RT: 10.82 min Scan# 1484
 Delta R.T. -0.00 min
 Lab File: BF109904.D
 Acq: 16 Oct 2018 14:46

Tgt Ion:330 Resp: 377281
 Ion Ratio Lower Upper
 330 100
 332 95.2 77.1 115.7
 141 35.3 27.0 40.4



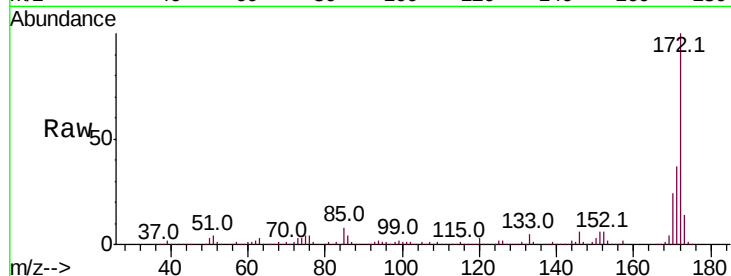


#45
 2-Fluorobiphenyl
 Concen: 91.045 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. -0.00 min
 Lab File: BF109904.D
 Acq: 16 Oct 2018 14:46

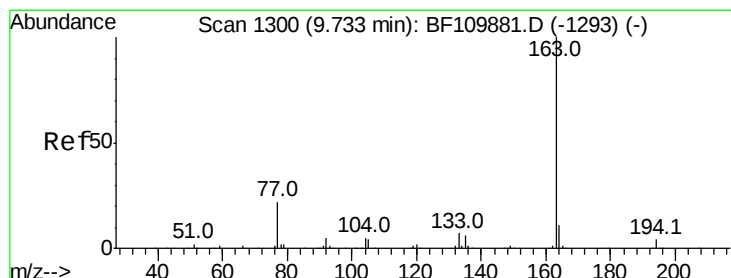
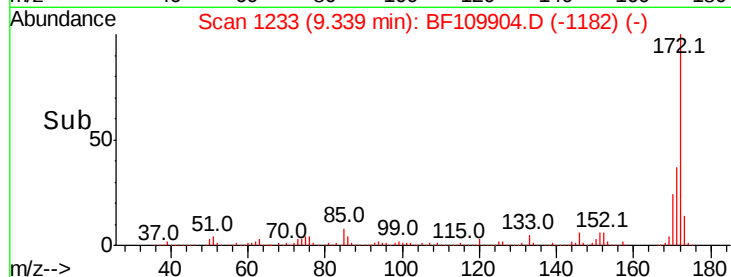
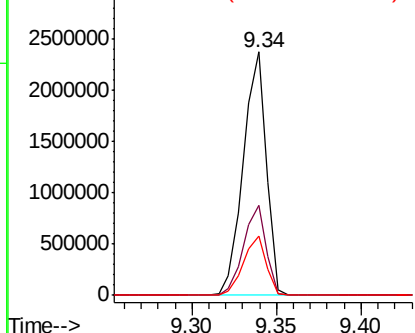
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 2263310

Ion	Ratio	Lower	Upper
172	100		
171	37.0	28.6	43.0
170	24.4	19.7	29.5



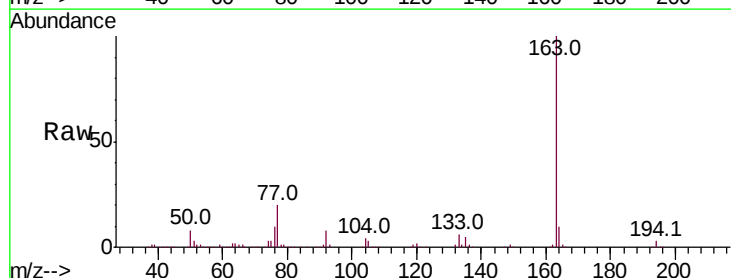
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



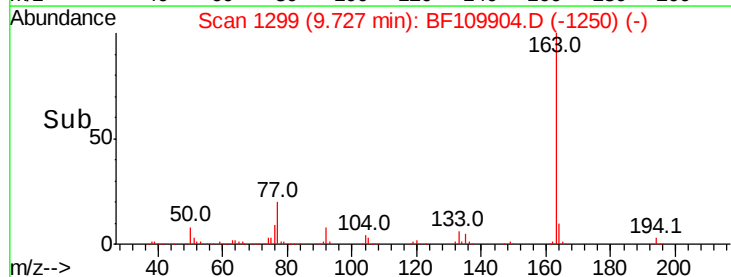
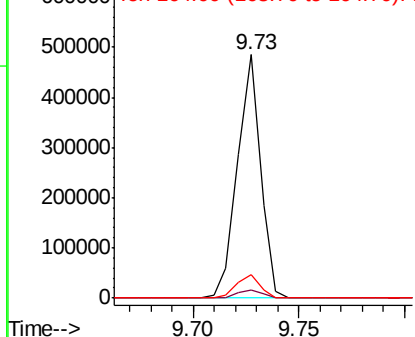
#50
 Dimethylphthalate
 Concen: 13.047 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BF109904.D
 Acq: 16 Oct 2018 14:46

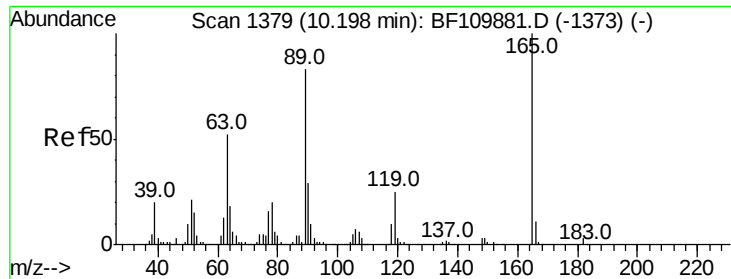
Tgt Ion:163 Resp: 366453

Ion	Ratio	Lower	Upper
163	100		
194	3.3	3.2	4.8
164	9.8	8.1	12.1



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

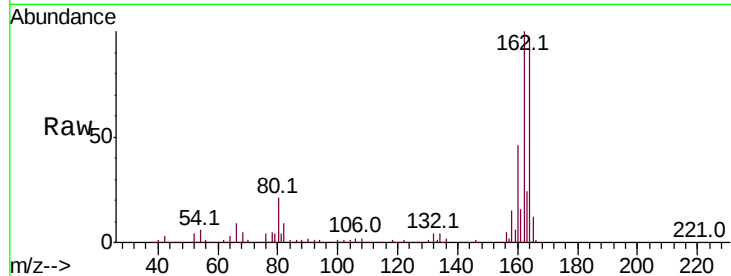




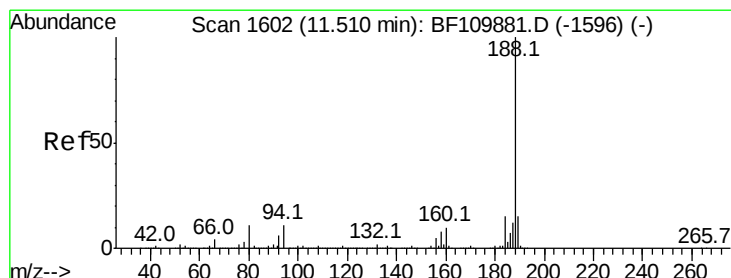
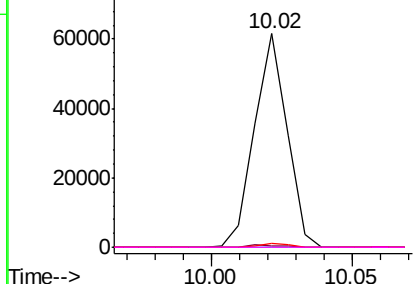
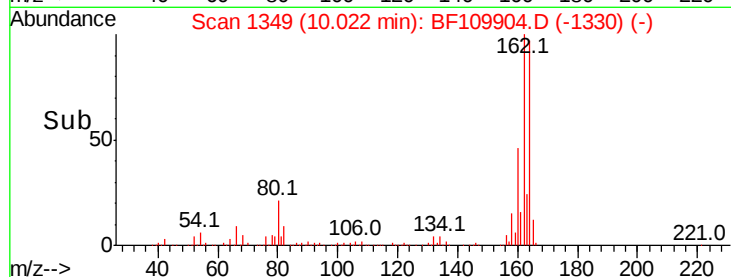
#57
 2,4-Dinitrotoluene
 Concen: 11.215 ng
 RT: 10.02 min Scan# 1349
 Delta R.T. -0.19 min
 Lab File: BF109904.D
 Acq: 16 Oct 2018 14:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 49408
 Ion Ratio Lower Upper
 165 100
 63 0.9 44.8 67.2#
 89 1.6 62.2 93.4#
 182 0.0 2.1 3.1#

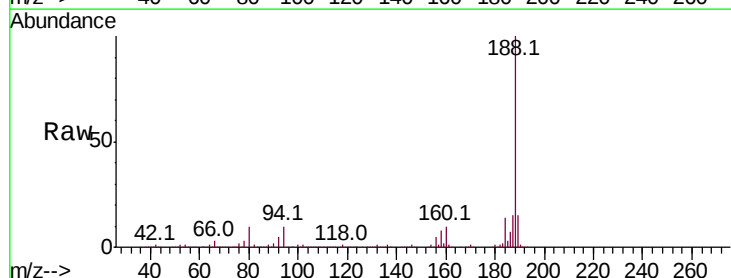


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

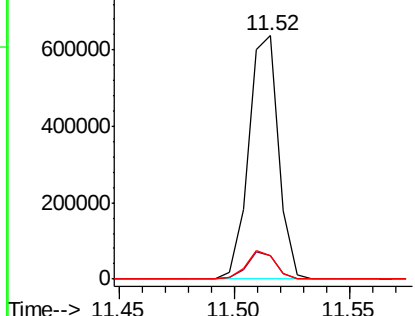
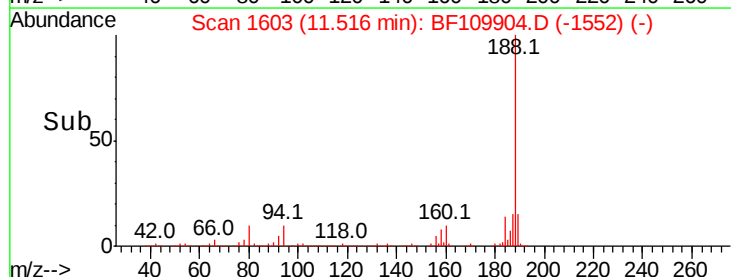


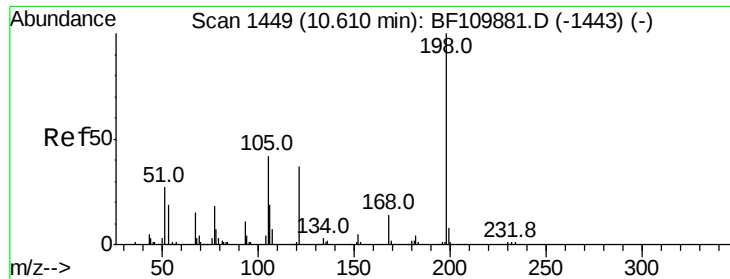
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.52 min Scan# 1603
 Delta R.T. -0.00 min
 Lab File: BF109904.D
 Acq: 16 Oct 2018 14:46

Tgt Ion:188 Resp: 574758
 Ion Ratio Lower Upper
 188 100
 94 9.8 7.2 10.8
 80 9.8 7.9 11.9



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

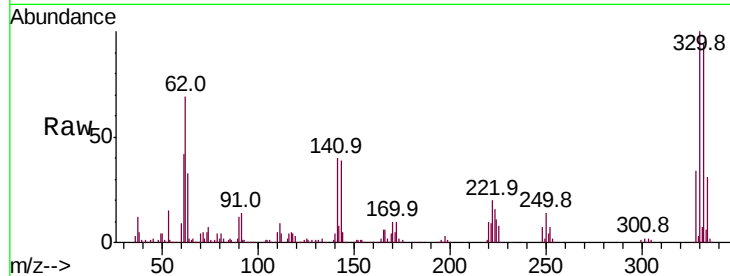




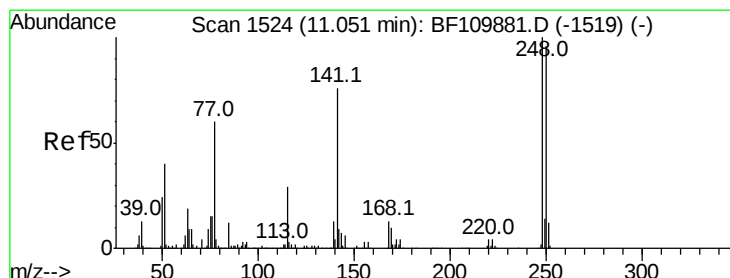
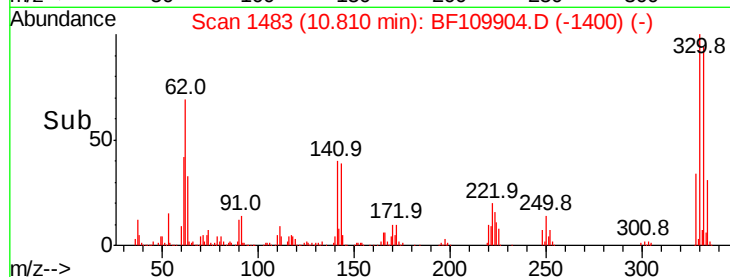
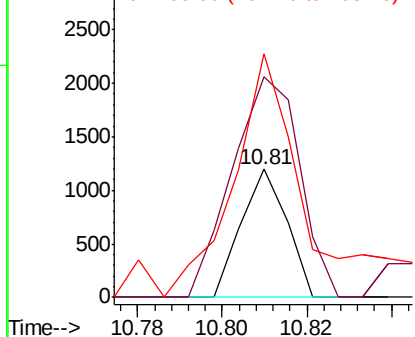
#65
4,6-Dinitro-2-methylphenol
Concen: 8.263 ng
RT: 10.81 min Scan# 1483
Delta R.T. 0.19 min
Lab File: BF109904.D
Acq: 16 Oct 2018 14:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 894
Ion Ratio Lower Upper
198 100
51 172.1 22.8 62.8#
105 189.9 23.6 63.6#

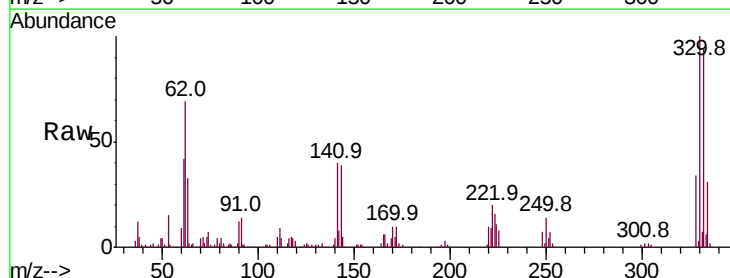


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

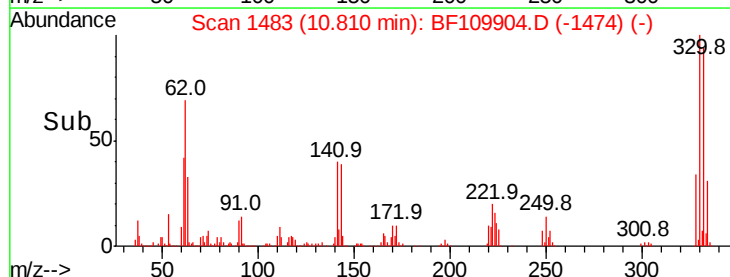
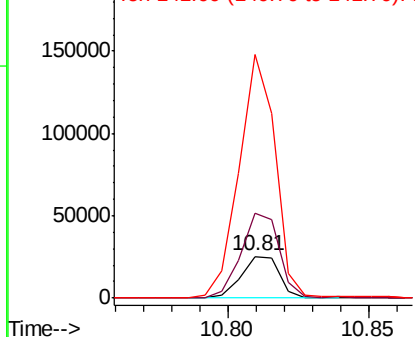


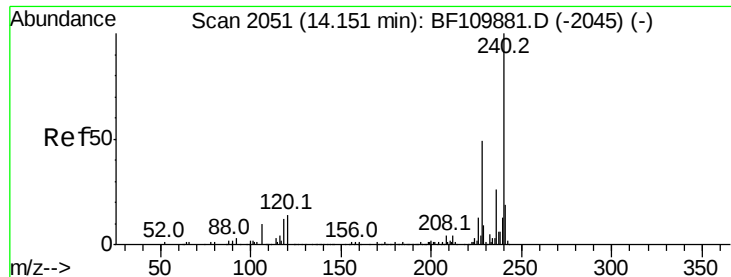
#67
4-Bromophenyl-phenylether
Concen: 3.882 ng
RT: 10.81 min Scan# 1483
Delta R.T. -0.25 min
Lab File: BF109904.D
Acq: 16 Oct 2018 14:46

Tgt Ion:248 Resp: 24179
Ion Ratio Lower Upper
248 100
250 201.9 79.4 119.2#
141 581.0 55.9 83.9#



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





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2052

Delta R.T. -0.01 min

Lab File: BF109904.D

Acq: 16 Oct 2018 14:46

Instrument :

BNA_F

ClientSampleId :

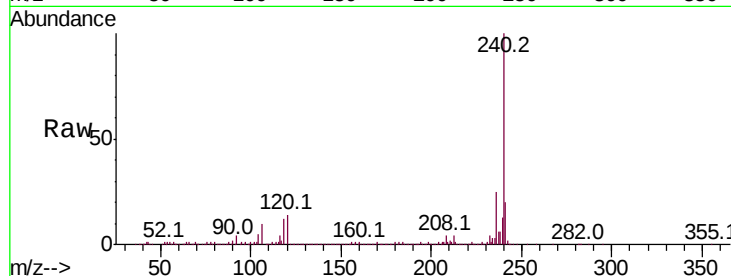
Tot Ion:240 Resp: 606005

Ion Ratio Lower Upper

240 100

120 14.3 8.3 12.5#

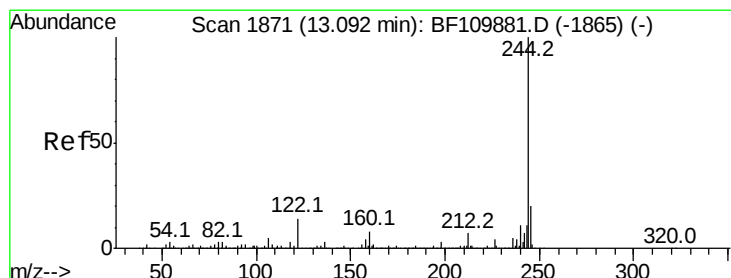
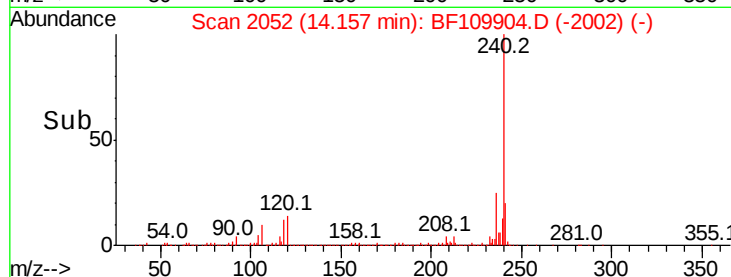
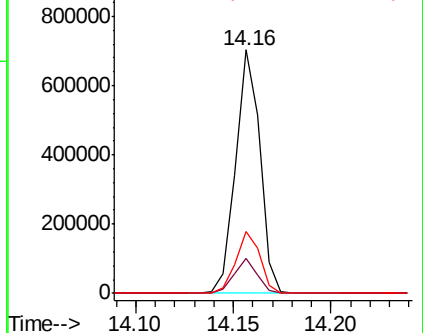
236 25.3 21.2 31.8



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



#79

Terphenyl-d14

Concen: 58.412 ng

RT: 13.10 min Scan# 1872

Delta R.T. -0.01 min

Lab File: BF109904.D

Acq: 16 Oct 2018 14:46

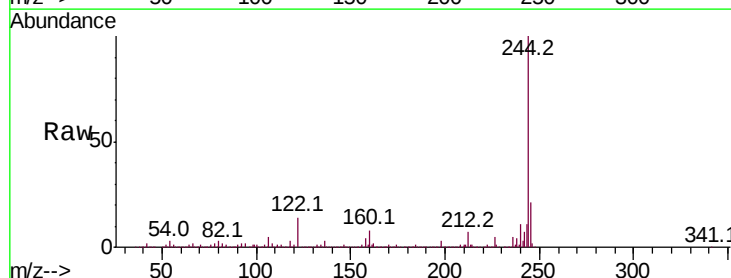
Tgt Ion:244 Resp: 1685674

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

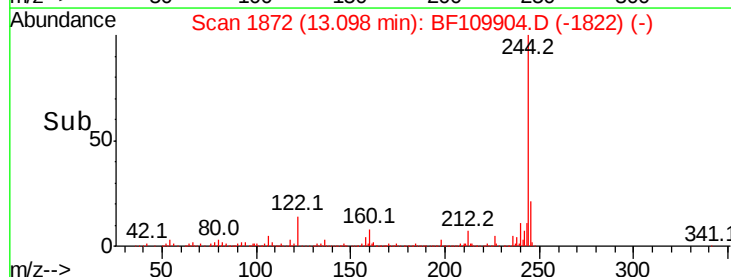
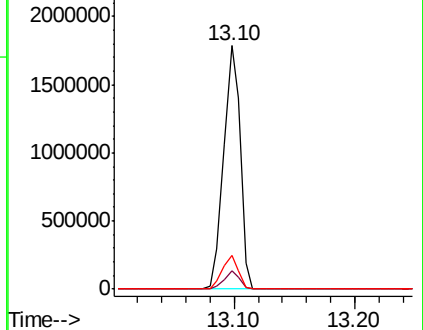
122 13.8 8.7 13.1#

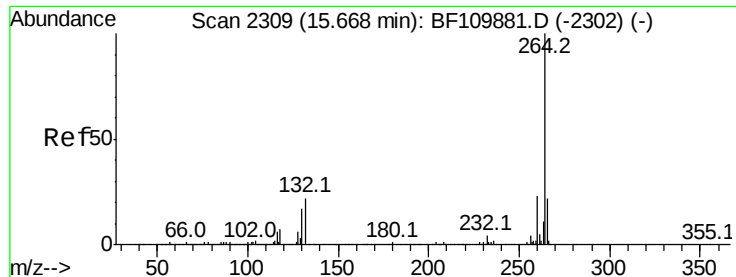


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2312
Delta R.T. -0.01 min
Lab File: BF109904.D
Acq: 16 Oct 2018 14:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.7	28.1
265	21.8	16.7	25.1

