

Data Path : Z:\HPCHEM1\BNA F\DATA\BF091517\
 Data File : BF098582.D
 Acq On : 15 Sep 2017 21:29
 Operator : SJ/JU
 Sample : I5229-10
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 UT5400S20

Quant Time: Sep 16 01:51:36 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 02:14:50 2017
 Response via : Initial Calibration

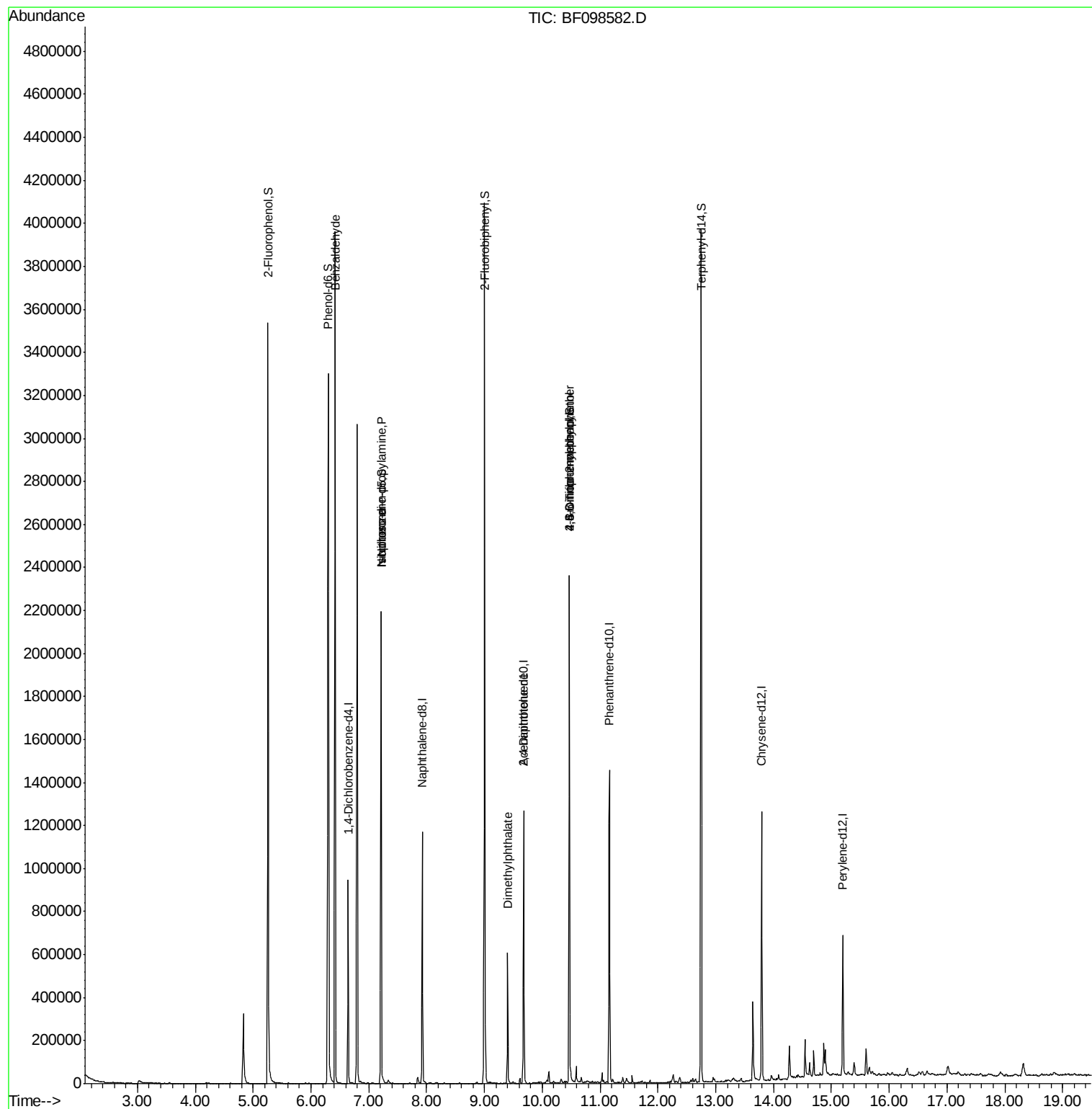
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	133507	20.00	ng	-0.03
21) Naphthalene-d8	7.93	136	556827	20.00	ng	-0.02
38) Acenaphthene-d10	9.68	164	264482	20.00	ng	-0.02
63) Phenanthrene-d10	11.16	188	504714	20.00	ng	-0.02
75) Chrysene-d12	13.80	240	394770	20.00	ng	-0.02
86) Perylene-d12	15.20	264	270969	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	975160	107.99	ng	-0.02
7) Phenol-d6	6.30	99	1233768	107.61	ng	-0.02
23) Nitrobenzene-d5	7.22	82	764103	76.50	ng	-0.02
41) 2,4,6-Tribromophenol	10.47	330	255848	144.94	ng	-0.02
44) 2-Fluorobiphenyl	9.00	172	1353640	86.75	ng	-0.03
78) Terphenyl-d14	12.75	244	1241518	67.88	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.42	77	22644	3.021	ng	83
19) n-Nitroso-di-n-propylamine	7.22	70	102965	14.278	ng	# 77
25) Isophorone	7.22	82	750678	37.147	ng	# 67
49) Dimethylphthalate	9.40	163	234995	11.478	ng	98
56) 2,4-Dinitrotoluene	9.67	165	32354	6.328	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.47	198	598	5.138	ng	# 1
66) 4-Bromophenyl-phenylether	10.47	248	19824	4.138	ng	# 1

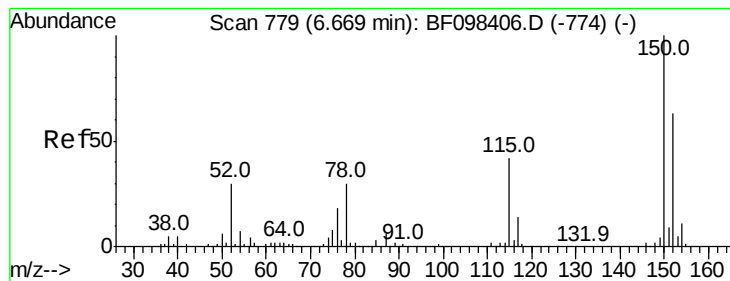
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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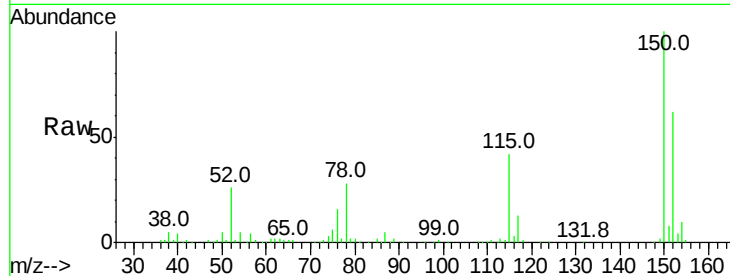


#1

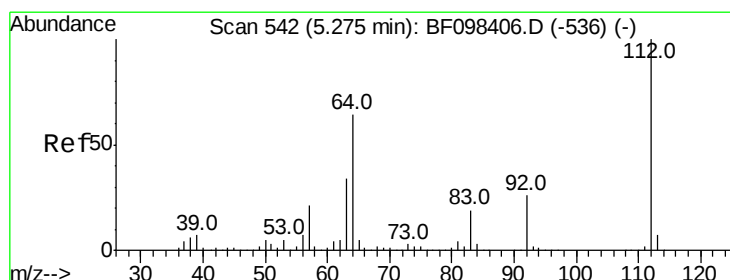
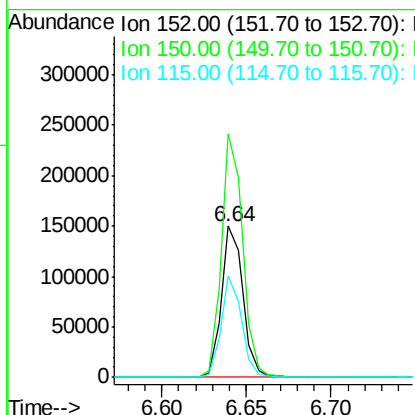
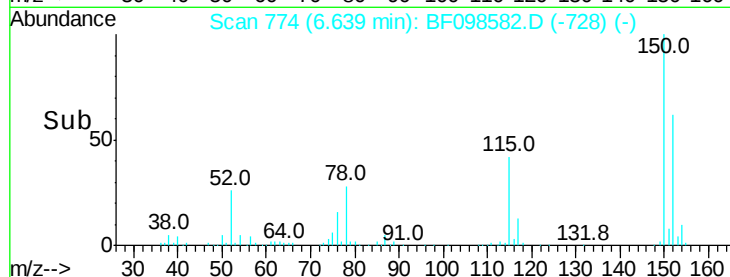
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.64 min Scan# 774
 Delta R.T. -0.03 min
 Lab File: BF098582.D
 Acq: 15 Sep 2017 21:29

Instrument :
 BNA_F
 ClientSampleId :
 UT5400S20

Tot Ion:152 Resp: 133507
 Ion Ratio Lower Upper
 152 100
 150 161.1 126.2 189.2
 115 67.5 52.2 78.2



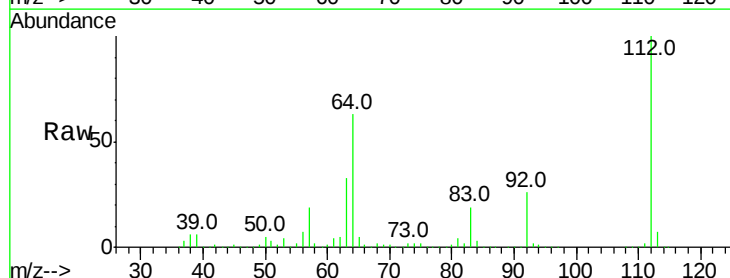
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



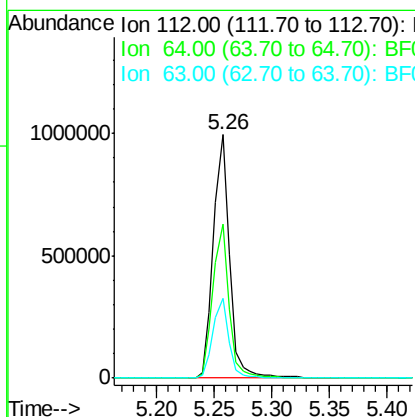
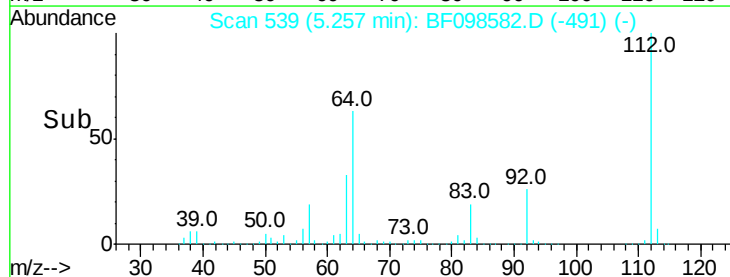
#5

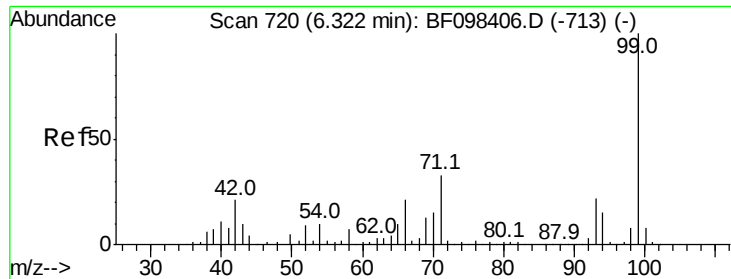
2-Fluorophenol
 Concen: 107.994 ng
 RT: 5.26 min Scan# 539
 Delta R.T. -0.02 min
 Lab File: BF098582.D
 Acq: 15 Sep 2017 21:29

Tgt Ion:112 Resp: 975160
 Ion Ratio Lower Upper
 112 100
 64 63.1 46.0 69.0
 63 32.7 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 107.614 ng

RT: 6.30 min Scan# 716

Delta R.T. -0.02 min

Lab File: BF098582.D

Acq: 15 Sep 2017 21:29

Instrument :

BNA_F

ClientSampleId :

UT5400S20

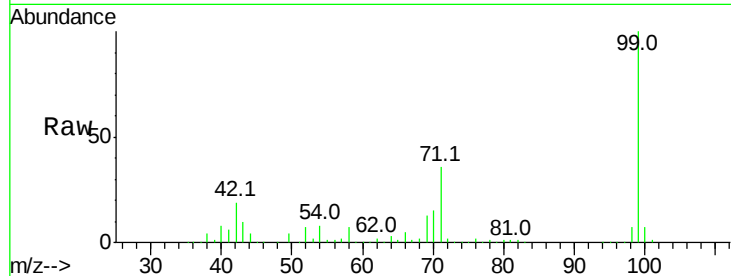
Tot Ion: 99 Resp: 1233768

Ion Ratio Lower Upper

99 100

42 18.9 13.5 20.3

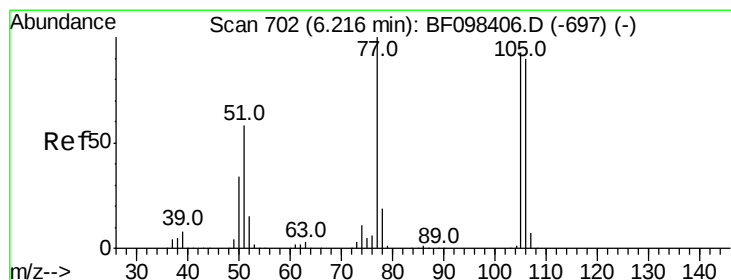
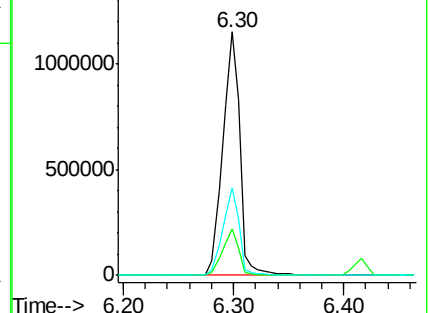
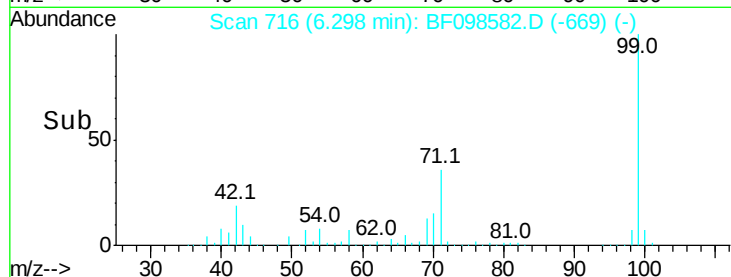
71 36.1 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#9

Benzaldehyde

Concen: 3.021 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.20 min

Lab File: BF098582.D

Acq: 15 Sep 2017 21:29

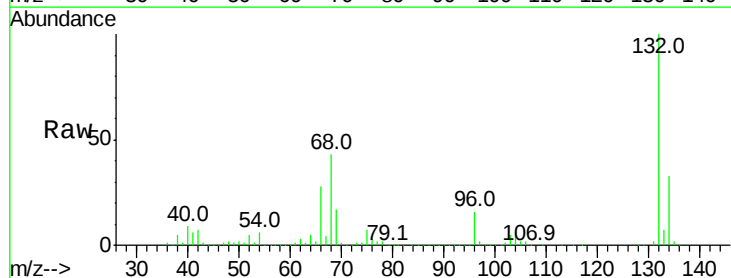
Tgt Ion: 77 Resp: 22644

Ion Ratio Lower Upper

77 100

105 84.0 83.8 123.8

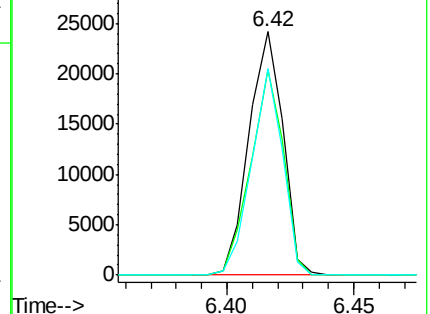
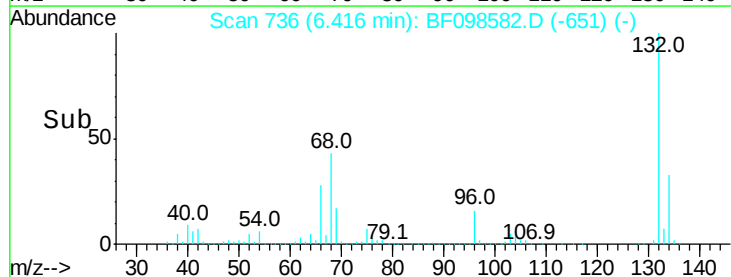
106 84.6 79.1 119.1

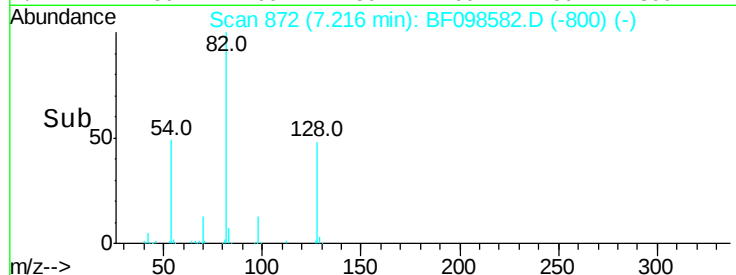
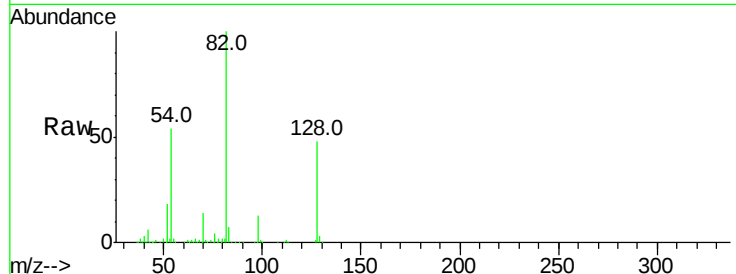
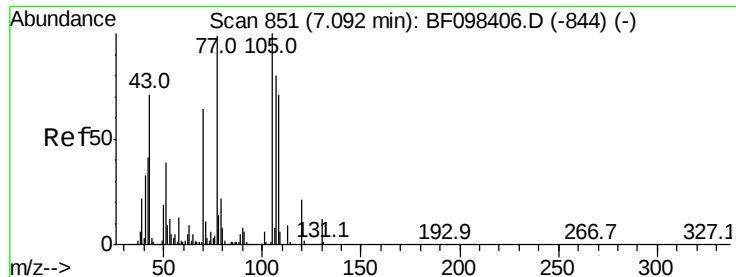


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B

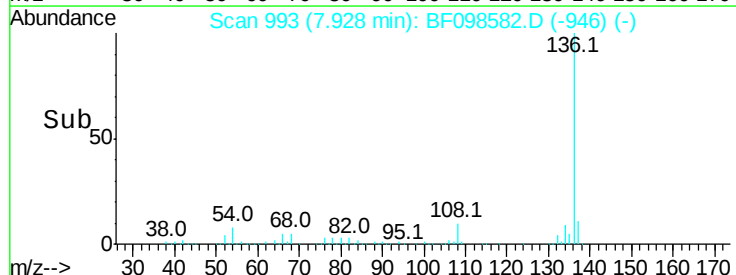
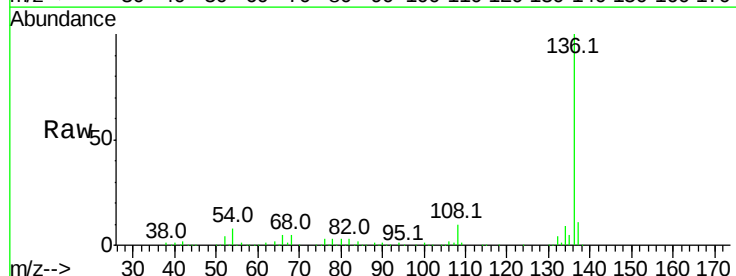
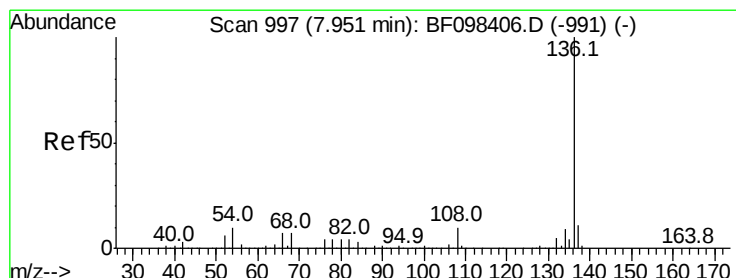
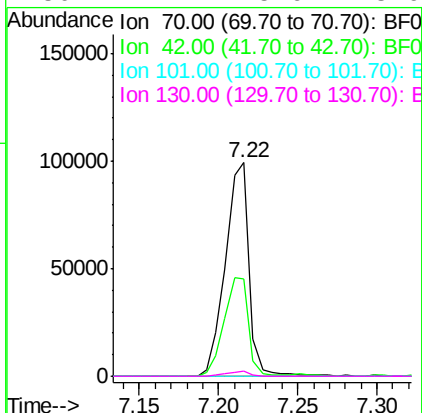




#19
n-Nitroso-di-n-propylamine
Concen: 14.278 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.12 min
Lab File: BF098582.D
Acq: 15 Sep 2017 21:29

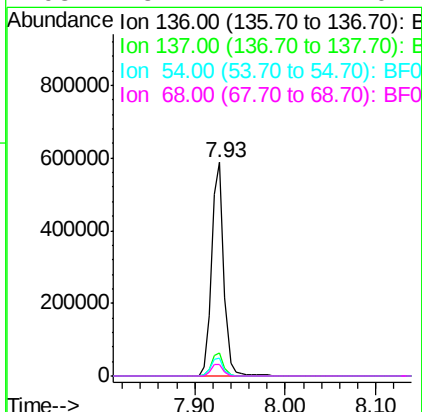
Instrument :
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ClientSampleId :
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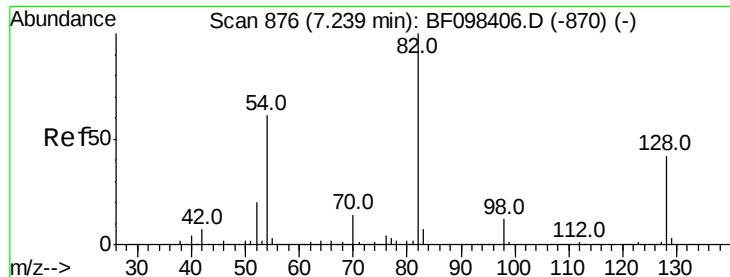
Tot Ion:	70	Resp:	102965
Ion	Ratio	Lower	Upper
70	100		
42	45.7	47.2	70.8#
101	0.0	7.2	10.8#
130	2.2	15.9	23.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.02 min
Lab File: BF098582.D
Acq: 15 Sep 2017 21:29

Tgt Ion:	136	Resp:	556827
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	8.3	4.9	7.3#
68	5.1	4.1	6.1

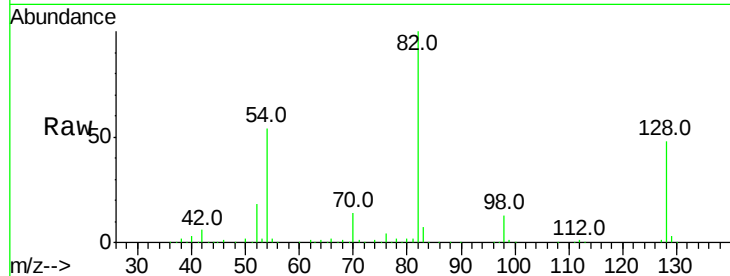




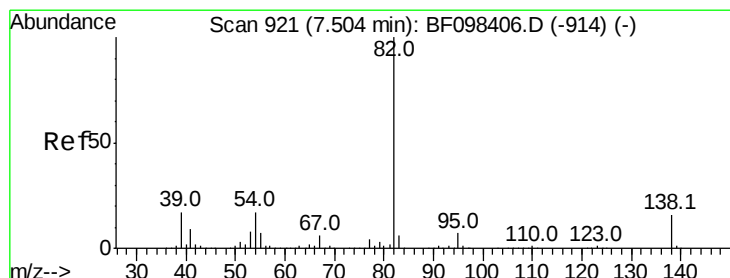
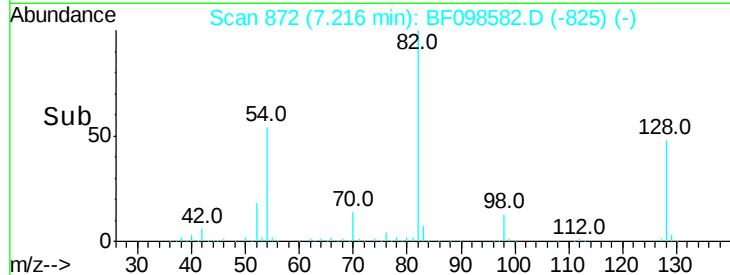
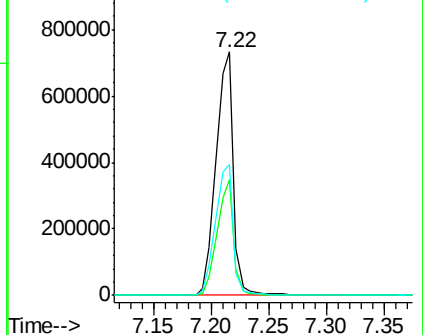
#23
 Nitrobenzene-d5
 Concen: 76.502 ng
 RT: 7.22 min Scan# 872
 Delta R.T. -0.02 min
 Lab File: BF098582.D
 Acq: 15 Sep 2017 21:29

Instrument :
 BNA_F
 ClientSampleID :
 UT5400S20

Tot Ion: 82 Resp: 764103
 Ion Ratio Lower Upper
 82 100
 128 47.7 34.0 51.0
 54 53.7 42.2 63.2

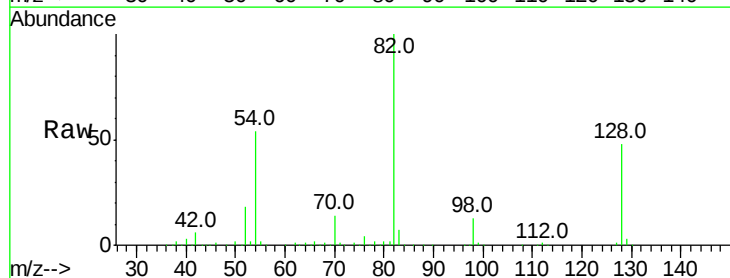


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

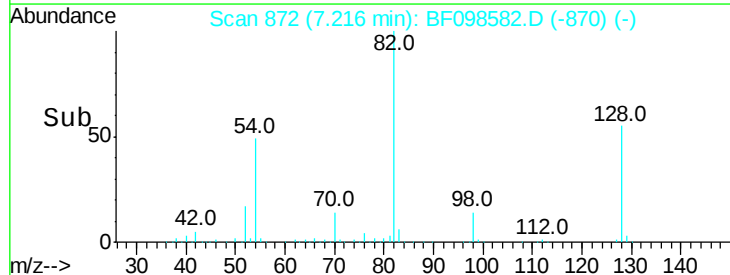
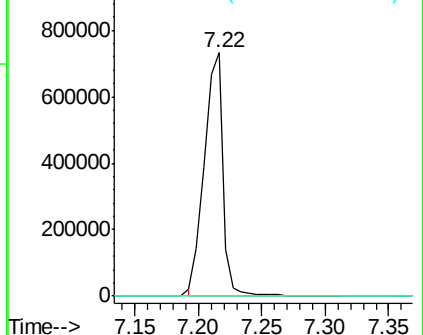


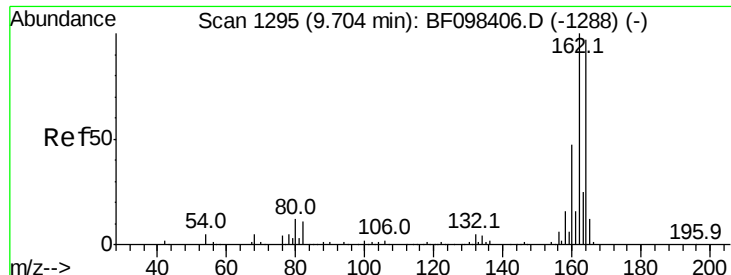
#25
 Isophorone
 Concen: 37.147 ng
 RT: 7.22 min Scan# 872
 Delta R.T. -0.29 min
 Lab File: BF098582.D
 Acq: 15 Sep 2017 21:29

Tgt Ion: 82 Resp: 750678
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.3 7.9#
 138 0.0 13.1 19.7#



Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 138.00 (137.70 to 138.70): BF0

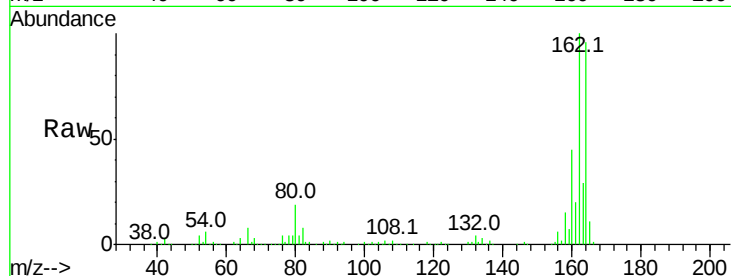




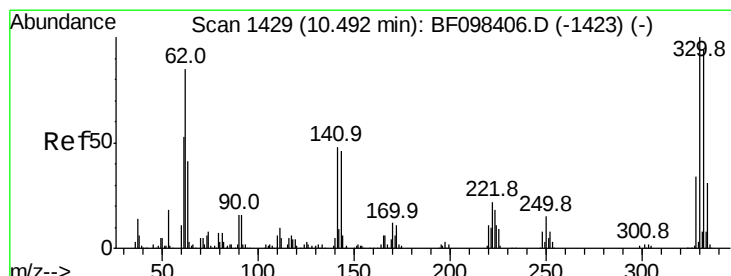
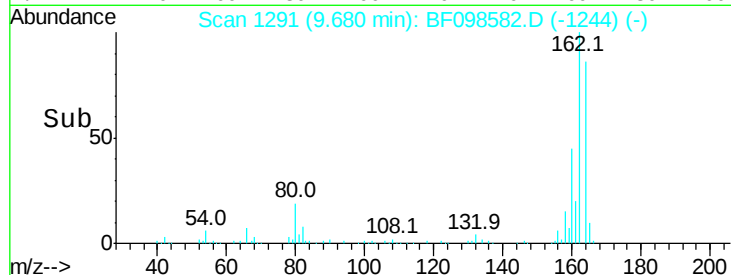
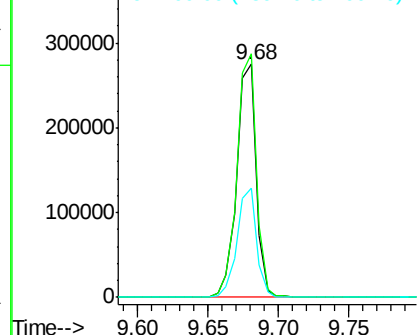
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.02 min
Lab File: BF098582.D
Acq: 15 Sep 2017 21:29

Instrument :
BNA_F
ClientSampleId :
UT5400S20

Tot Ion:164 Resp: 264482
Ion Ratio Lower Upper
164 100
162 104.6 82.6 123.8
160 47.0 36.2 54.2

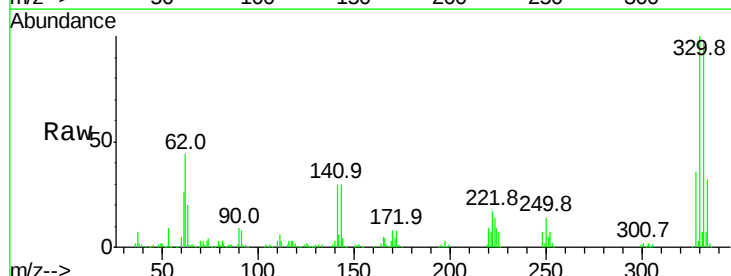


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

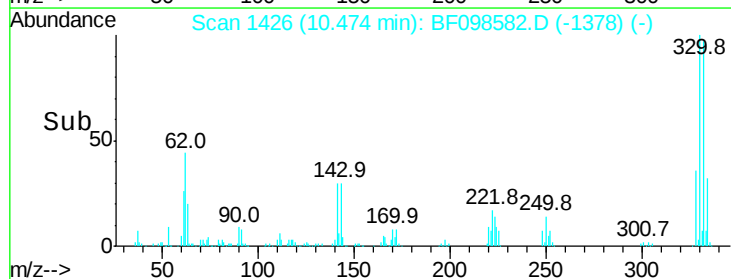
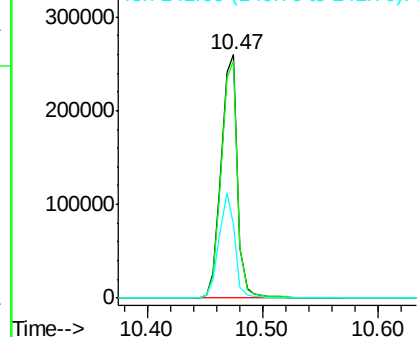


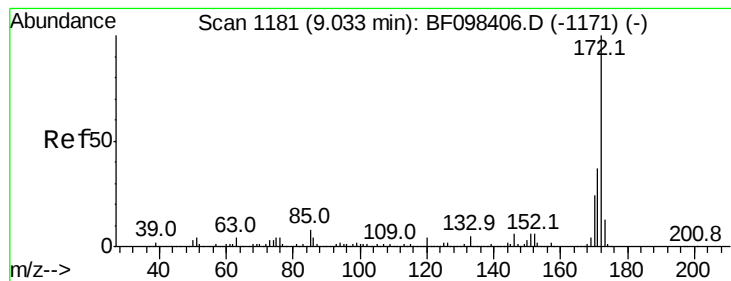
#41
2,4,6-Tribromophenol
Concen: 144.940 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.02 min
Lab File: BF098582.D
Acq: 15 Sep 2017 21:29

Tgt Ion:330 Resp: 255848
Ion Ratio Lower Upper
330 100
332 97.4 76.6 115.0
141 41.8 31.4 47.2



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

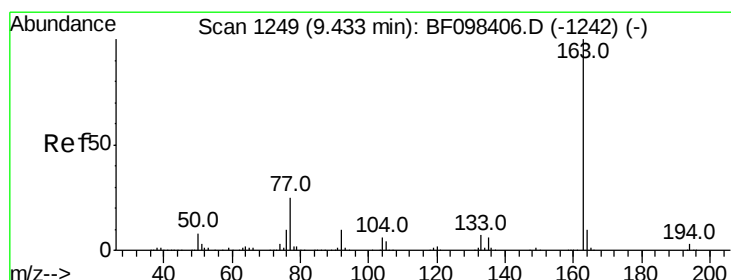
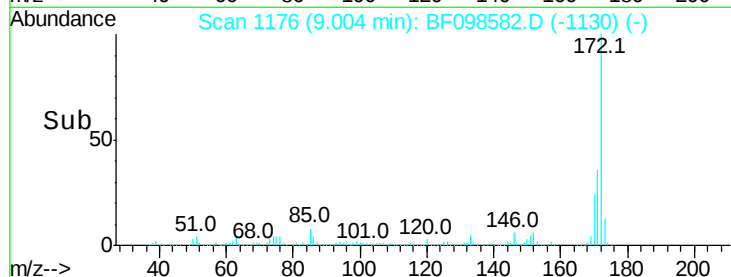
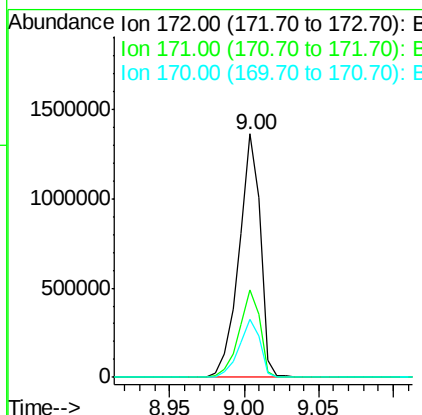
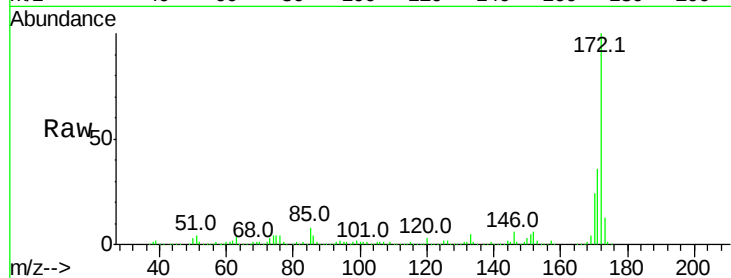




#44
2-Fluorobiphenyl
Concen: 86.747 ng
RT: 9.00 min Scan# 1176
Delta R.T. -0.03 min
Lab File: BF098582.D
Acq: 15 Sep 2017 21:29

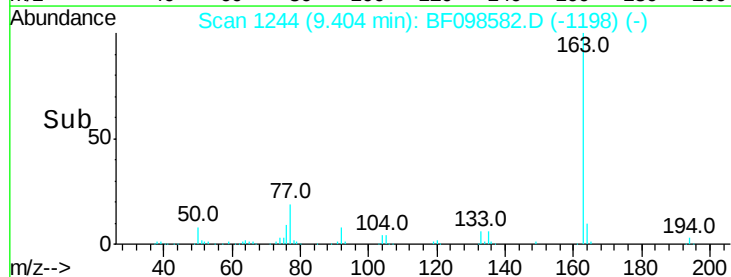
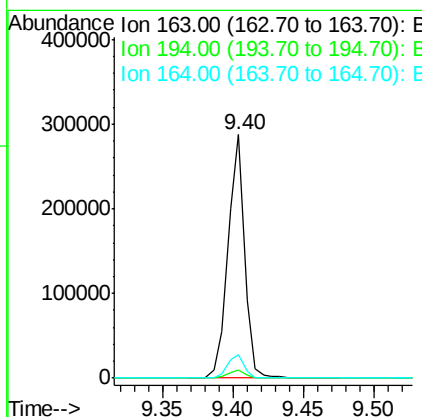
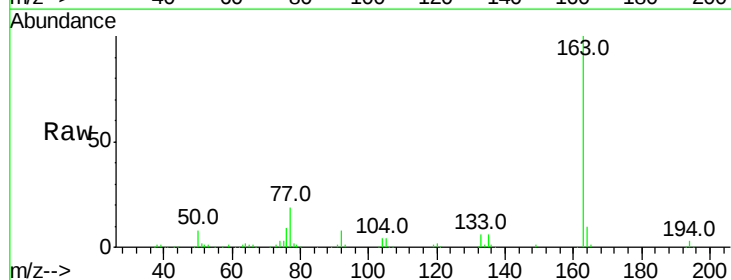
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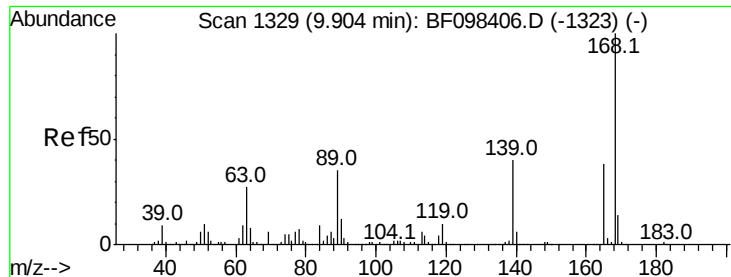
Tot Ion:172 Resp: 1353640
Ion Ratio Lower Upper
172 100
171 35.9 29.6 44.4
170 23.8 19.8 29.8



#49
Dimethylphthalate
Concen: 11.478 ng
RT: 9.40 min Scan# 1244
Delta R.T. -0.03 min
Lab File: BF098582.D
Acq: 15 Sep 2017 21:29

Tgt Ion:163 Resp: 234995
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 9.6 8.4 12.6

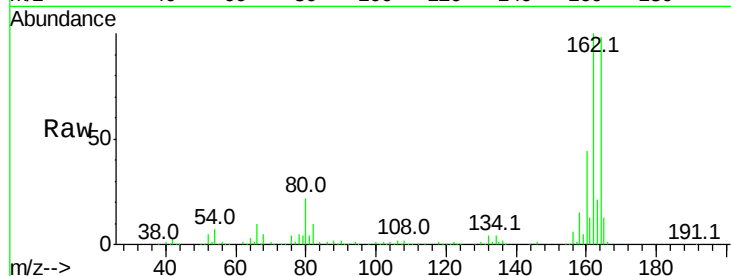




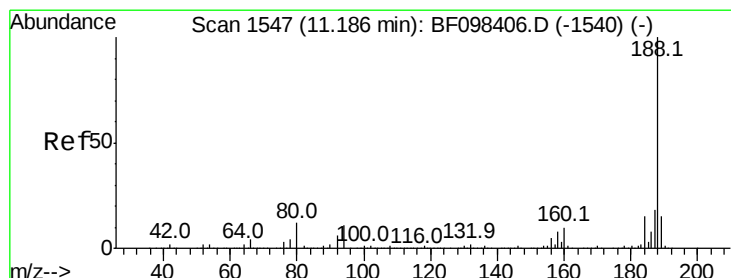
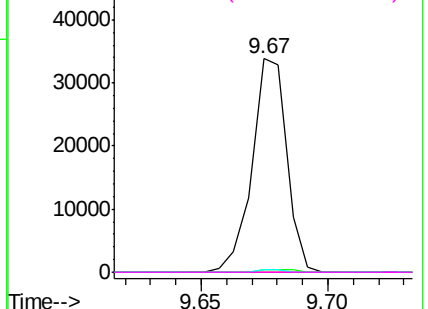
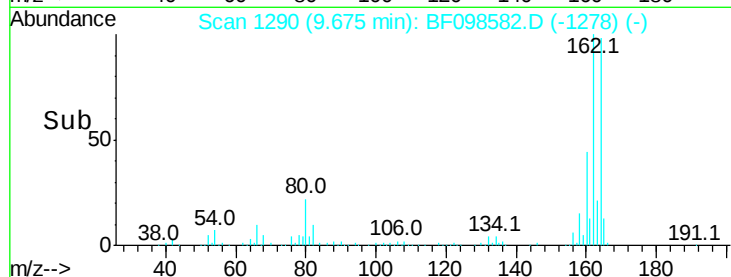
#56
 2,4-Dinitrotoluene
 Concen: 6.328 ng
 RT: 9.67 min Scan# 1290
 Delta R.T. -0.23 min
 Lab File: BF098582.D
 Acq: 15 Sep 2017 21:29

Instrument :
 BNA_F
 ClientSampleId :
 UT5400S20

Tot Ion:165 Resp: 32354
 Ion Ratio Lower Upper
 165 100
 63 1.0 25.4 38.0#
 89 1.5 46.4 69.6#
 182 0.0 1.8 2.6#

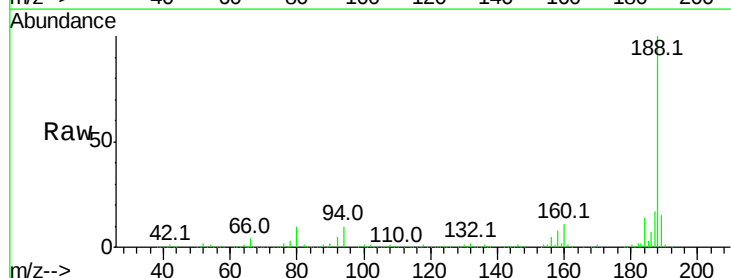


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

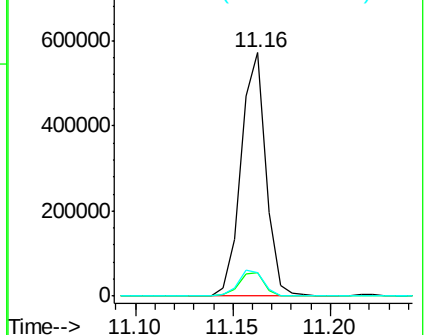
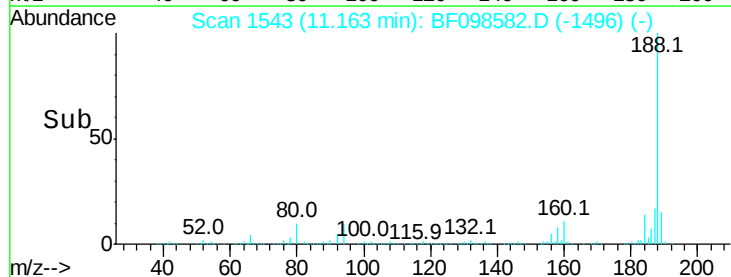


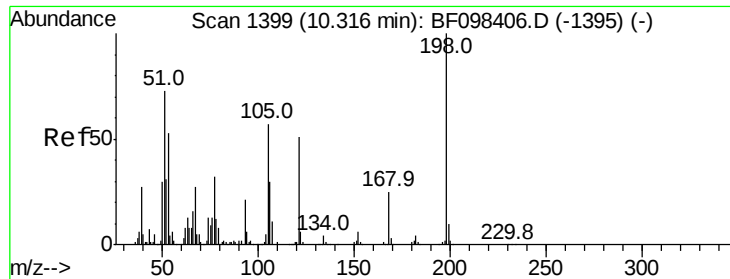
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.16 min Scan# 1543
 Delta R.T. -0.02 min
 Lab File: BF098582.D
 Acq: 15 Sep 2017 21:29

Tgt Ion:188 Resp: 504714
 Ion Ratio Lower Upper
 188 100
 94 9.6 9.4 14.2
 80 9.7 10.2 15.2#



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

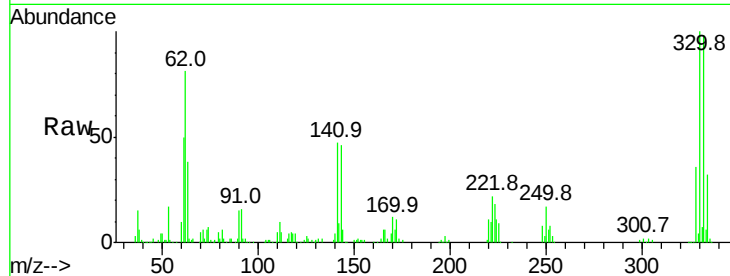




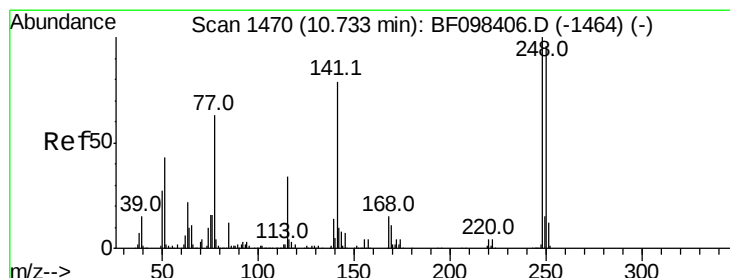
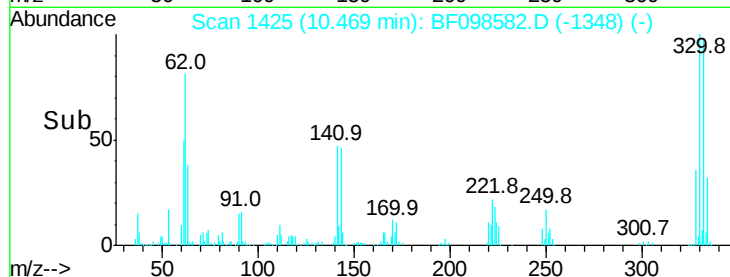
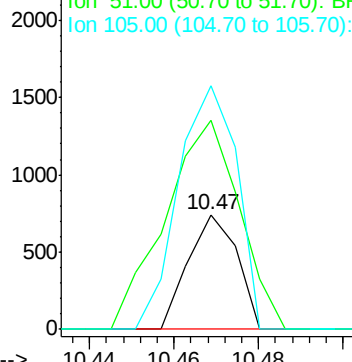
#64
4,6-Dinitro-2-methylphenol
Concen: 5.138 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.15 min
Lab File: BF098582.D
Acq: 15 Sep 2017 21:29

Instrument :
BNA_F
ClientSampleId :
UT5400S20

Tot Ion:198 Resp: 598
Ion Ratio Lower Upper
198 100
51 183.0 53.2 93.2#
105 212.7 45.8 85.8#

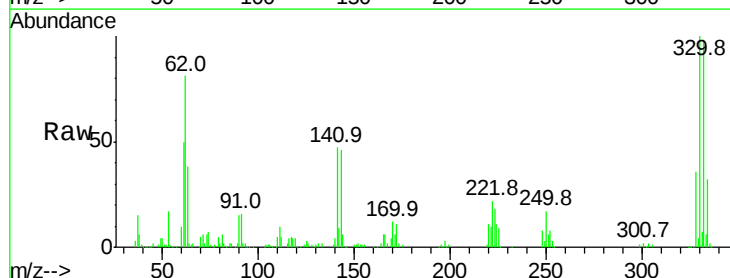


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

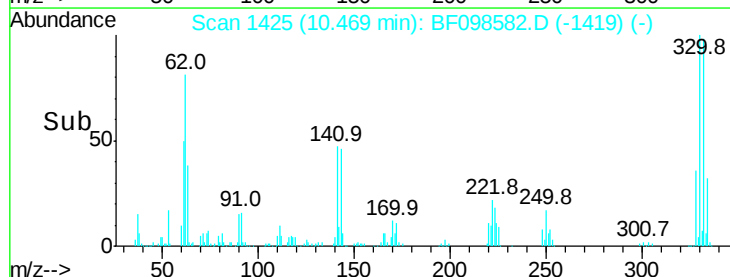
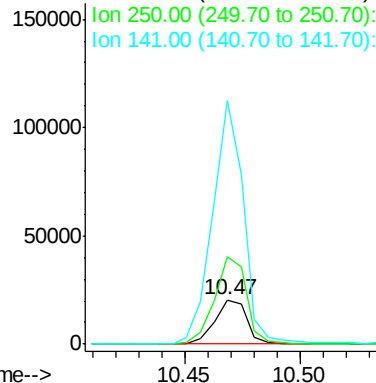


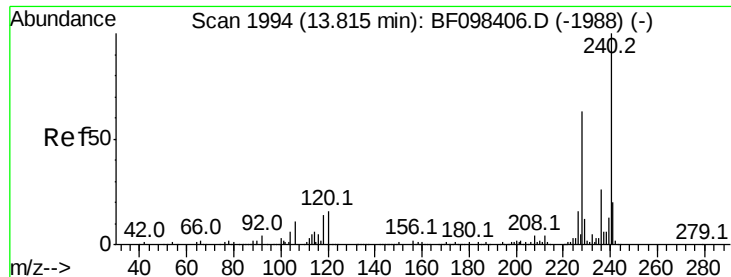
#66
4-Bromophenyl-phenylether
Concen: 4.138 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.26 min
Lab File: BF098582.D
Acq: 15 Sep 2017 21:29

Tgt Ion:248 Resp: 19824
Ion Ratio Lower Upper
248 100
250 198.4 76.8 115.2#
141 553.1 68.6 103.0#



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: 13.80 min Scan# 1991

Delta R.T. -0.02 min

Lab File: BF098582.D

Acq: 15 Sep 2017 21:29

Instrument :

BNA_F

ClientSampleId :

UT5400S20

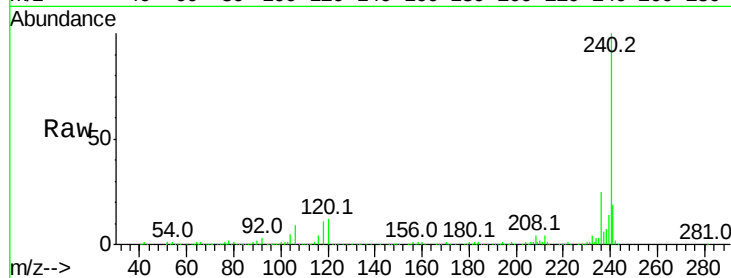
Tot Ion:240 Resp: 394770

Ion Ratio Lower Upper

240 100

120 12.0 5.8 8.8#

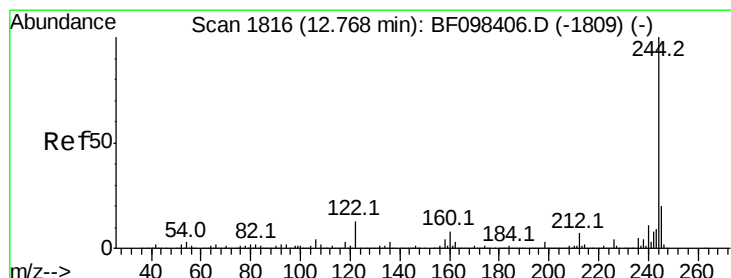
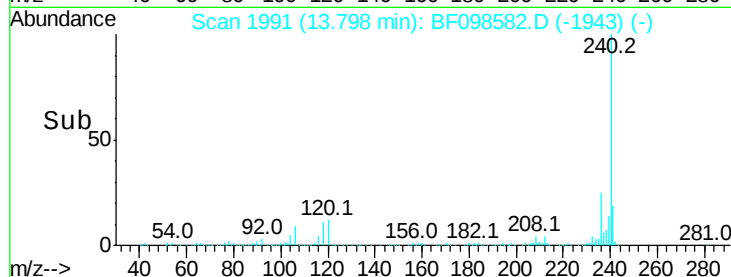
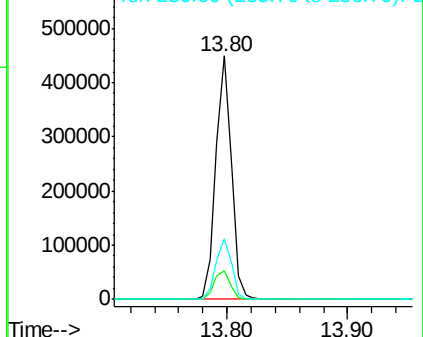
236 25.1 20.5 30.7



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: 67.882 ng

RT: 12.75 min Scan# 1813

Delta R.T. -0.02 min

Lab File: BF098582.D

Acq: 15 Sep 2017 21:29

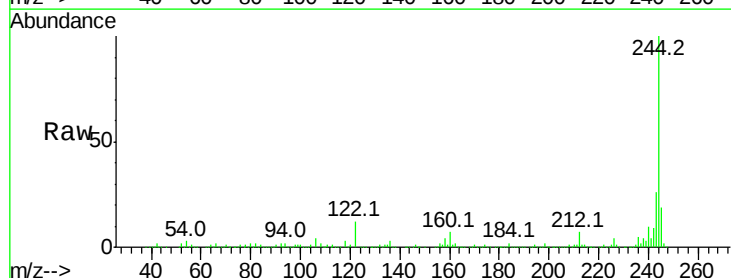
Tgt Ion:244 Resp: 1241518

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

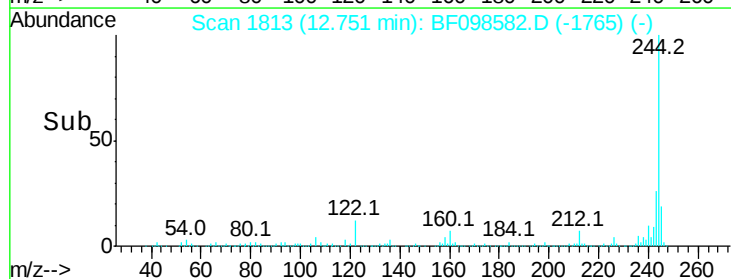
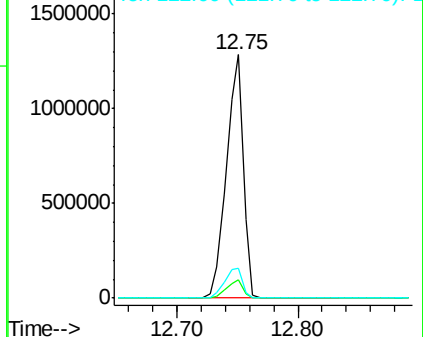
122 12.0 10.3 15.5

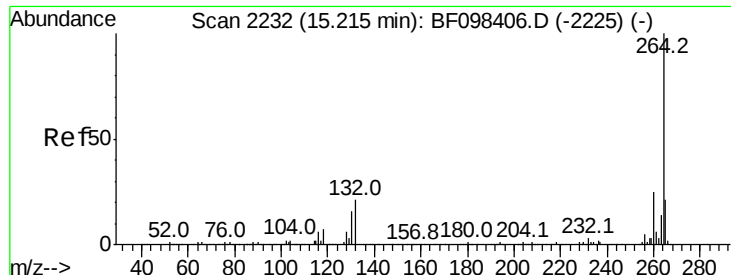


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.20 min Scan# 2229
 Delta R.T. -0.02 min
 Lab File: BF098582.D
 Acq: 15 Sep 2017 21:29

Instrument :
 BNA_F
 ClientSampleId :
 UT5400S20

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.5	29.3
265	21.0	17.2	25.8

