

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082417\
 Data File : BF098018.D
 Acq On : 24 Aug 2017 22:50
 Operator : SJ/JU
 Sample : I4929-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-TP-106-S(0-5)COMP

Quant Time: Aug 25 01:04:01 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

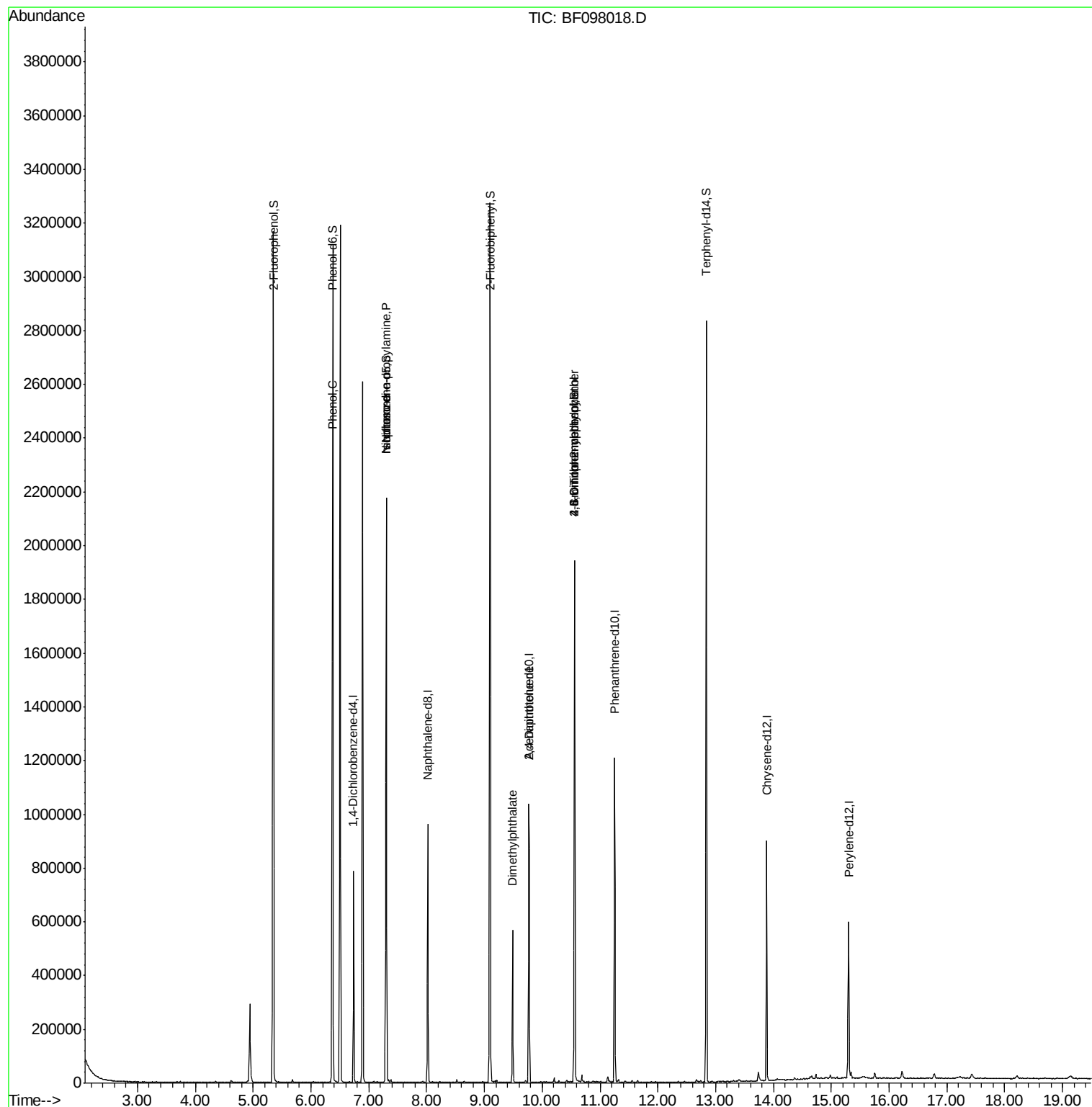
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	113725	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	447895	20.00	ng	-0.01
38) Acenaphthene-d10	9.77	164	196448	20.00	ng	-0.02
63) Phenanthrene-d10	11.25	188	384519	20.00	ng	-0.01
75) Chrysene-d12	13.88	240	289953	20.00	ng	-0.02
86) Perylene-d12	15.30	264	251180	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1013409	135.54	ng	0.00
7) Phenol-d6	6.37	99	1390203	136.85	ng	-0.01
23) Nitrobenzene-d5	7.30	82	833705	101.12	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	240976	141.38	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	1063340	79.53	ng	-0.01
78) Terphenyl-d14	12.84	244	869437	62.53	ng	-0.01
Target Compounds						
10) Phenol	6.39	94	31773	2.67	ng	Qvalue 89
19) n-Nitroso-di-n-propylamine	7.30	70	111665	16.06	ng	# 71
25) Isophorone	7.30	82	814834	47.53	ng	# 67
49) Dimethylphthalate	9.49	163	211831	14.75	ng	98
56) 2,4-Dinitrotoluene	9.77	165	24457	6.80	ng	# 34
64) 4,6-Dinitro-2-methylphenol	10.56	198	554	8.57	ng	# 1
66) 4-Bromophenyl-phenylether	10.56	248	15916	3.99	ng	# 1

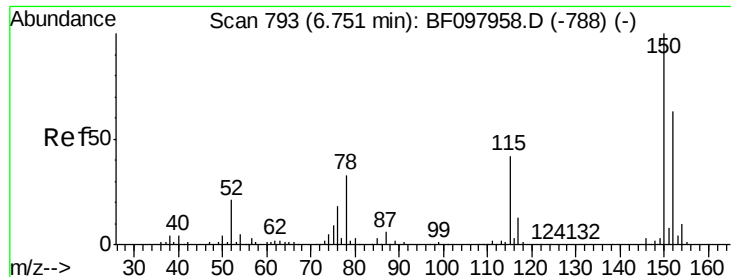
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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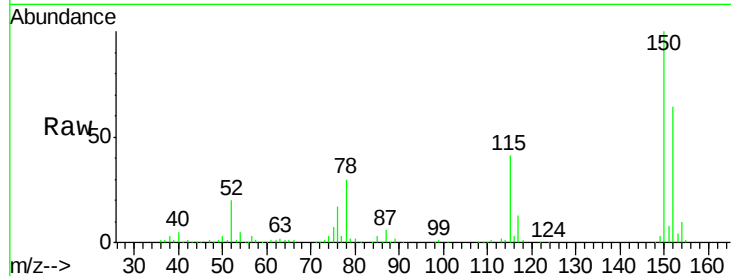


#1

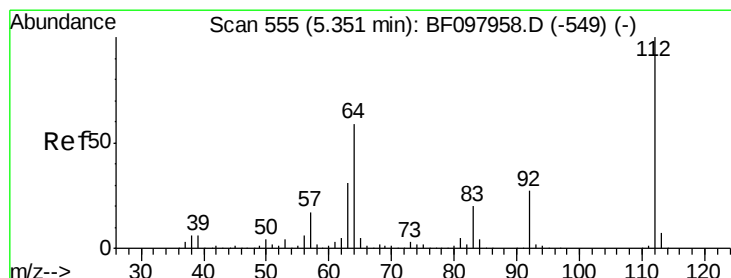
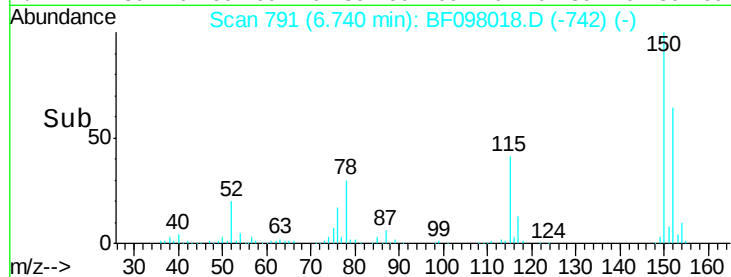
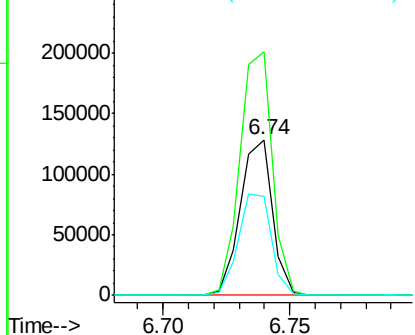
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF098018.D
Acq: 24 Aug 2017 22:50

Instrument :
BNA_F
ClientSampleId :
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Tot Ion:152 Resp: 113725
Ion Ratio Lower Upper
152 100
150 156.2 126.2 189.2
115 63.8 52.2 78.2



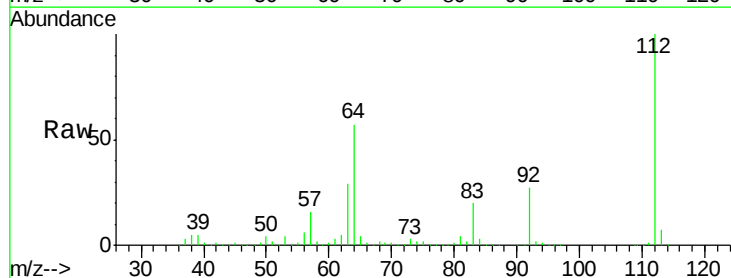
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



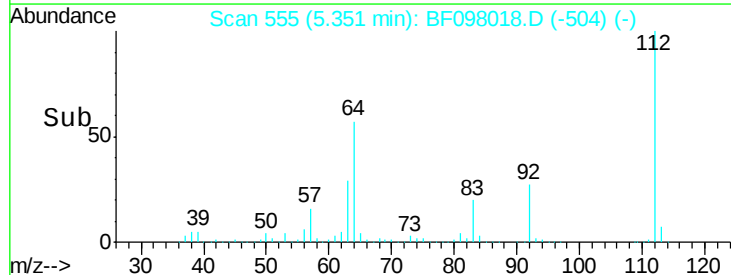
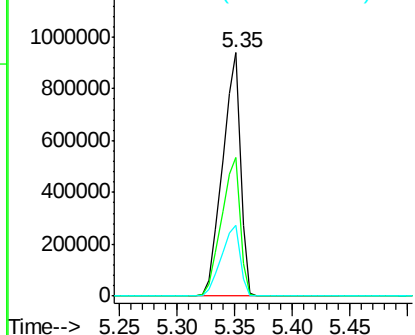
#5

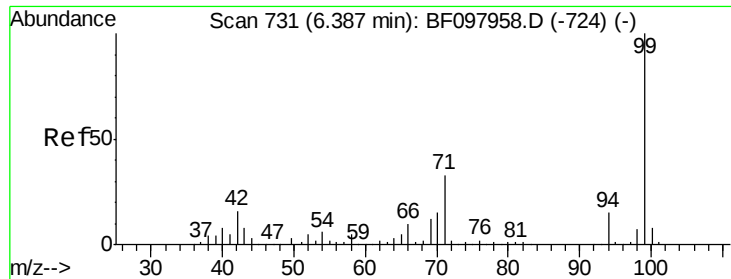
2-Fluorophenol
Concen: 135.54 ng
RT: 5.35 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF098018.D
Acq: 24 Aug 2017 22:50

Tgt Ion:112 Resp: 1013409
Ion Ratio Lower Upper
112 100
64 57.0 46.0 69.0
63 29.0 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: 136.85 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF098018.D

Acq: 24 Aug 2017 22:50

Instrument :

BNA_F

ClientSampleId :

SASP2P-TP-106-S(0-5)COMP

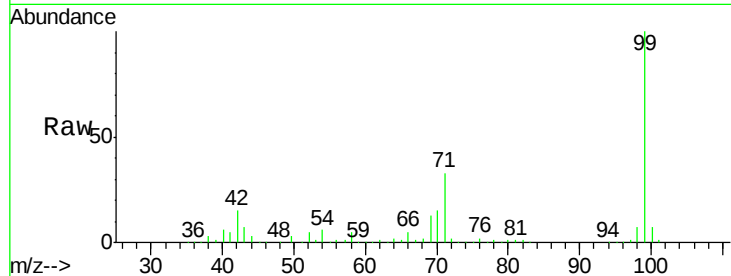
Tot Ion: 99 Resp: 1390203

Ion Ratio Lower Upper

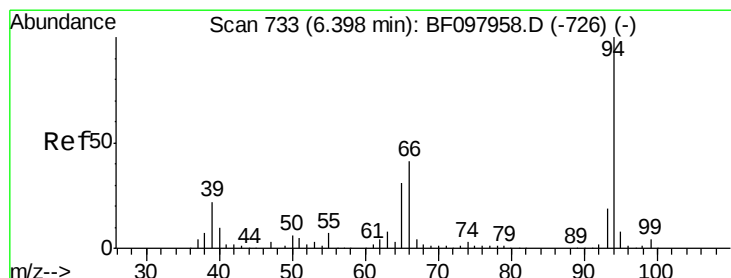
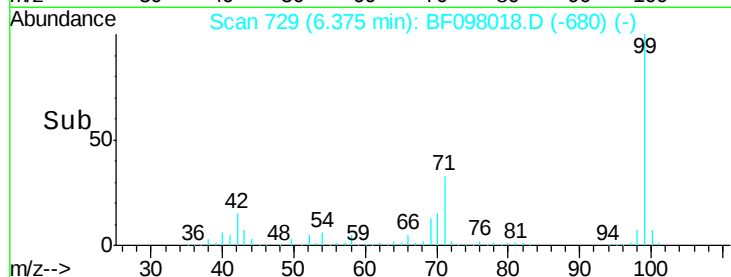
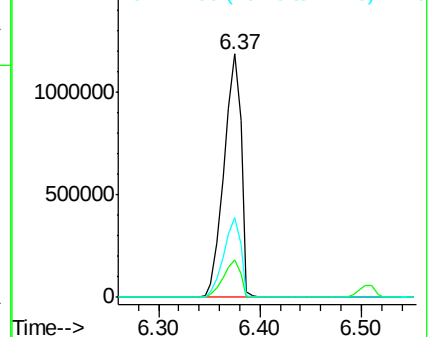
99 100

42 15.4 13.5 20.3

71 32.9 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



#10

Phenol

Concen: 2.67 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF098018.D

Acq: 24 Aug 2017 22:50

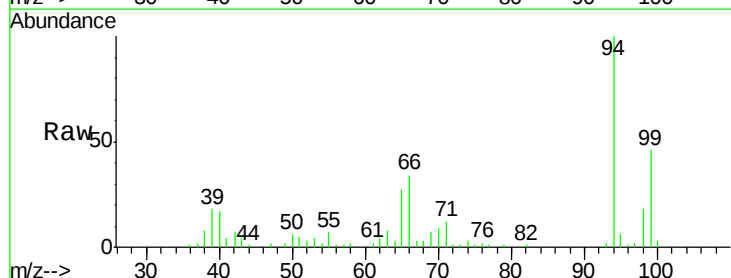
Tgt Ion: 94 Resp: 31773

Ion Ratio Lower Upper

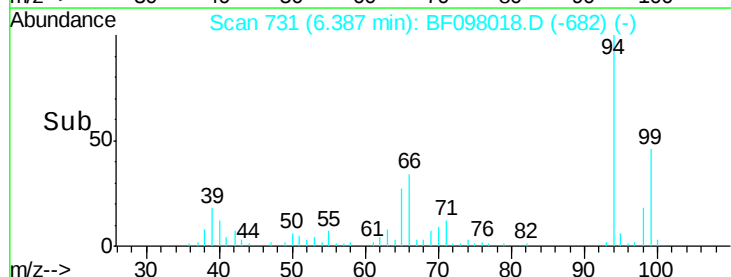
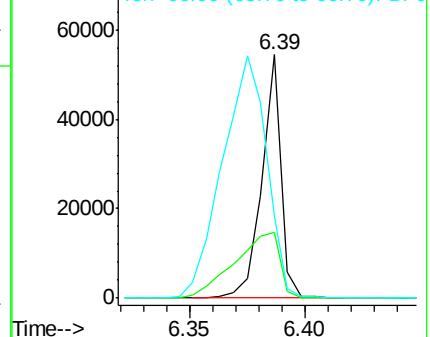
94 100

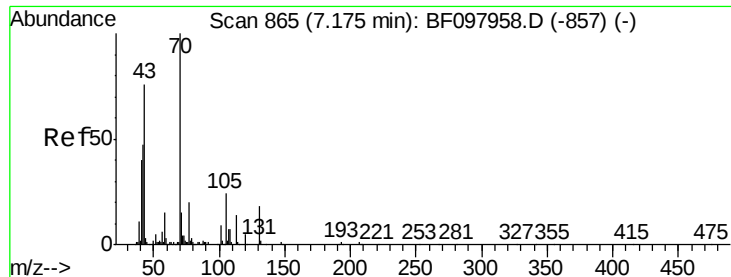
65 26.8 9.9 49.9

66 34.1 23.1 63.1



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0

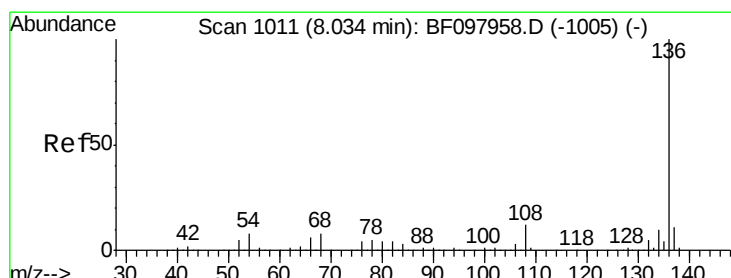
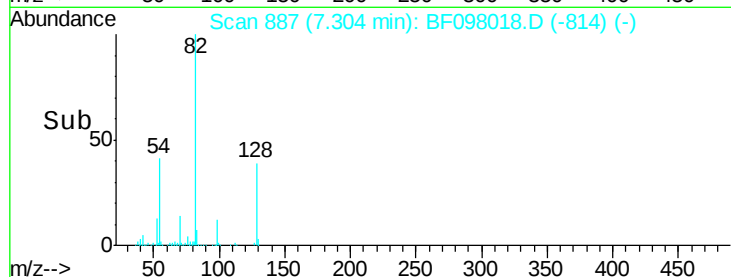
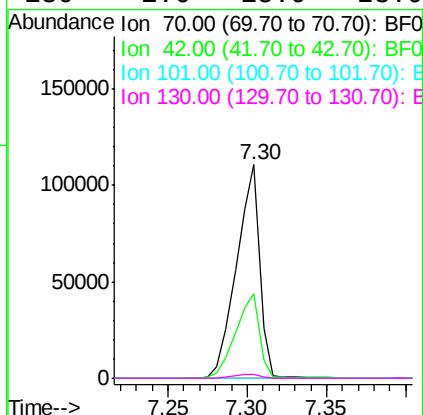
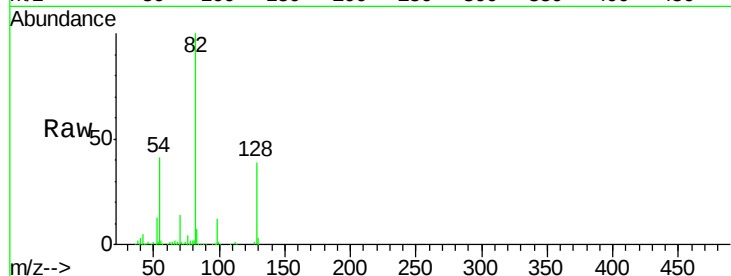




#19
n-Nitroso-di-n-propylamine
Concen: 16.06 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.13 min
Lab File: BF098018.D
Acq: 24 Aug 2017 22:50

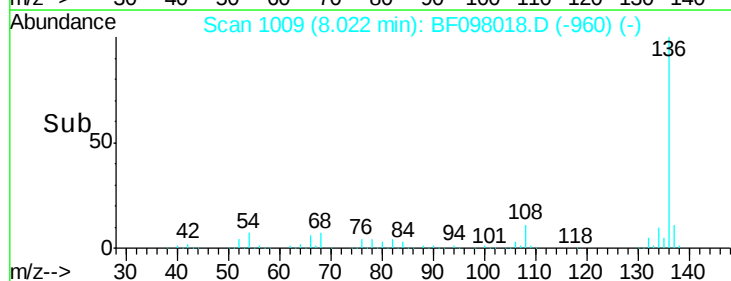
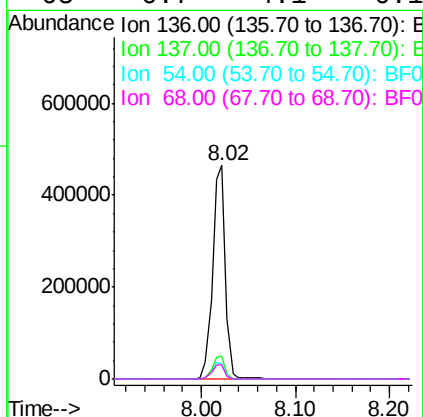
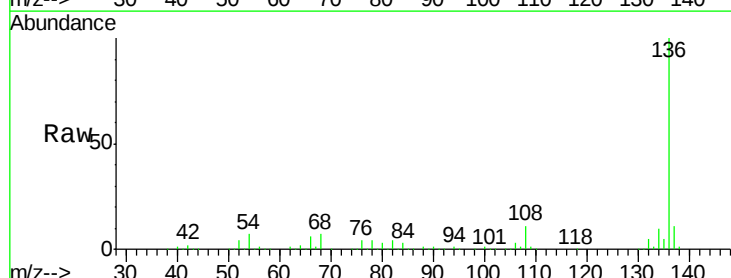
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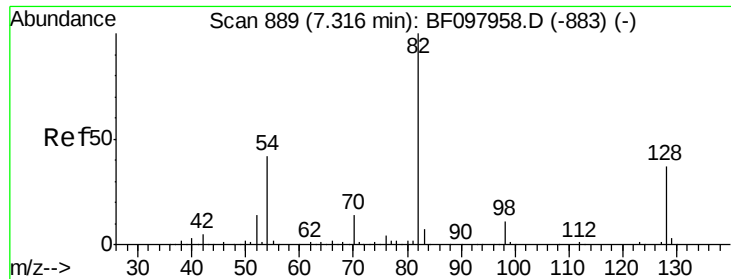
Tot Ion: 70 Resp: 111665
Ion Ratio Lower Upper
70 100
42 39.7 47.2 70.8#
101 0.0 7.2 10.8#
130 1.6 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF098018.D
Acq: 24 Aug 2017 22:50

Tgt Ion: 136 Resp: 447895
Ion Ratio Lower Upper
136 100
137 10.7 8.5 12.7
54 7.3 4.9 7.3#
68 6.7 4.1 6.1#

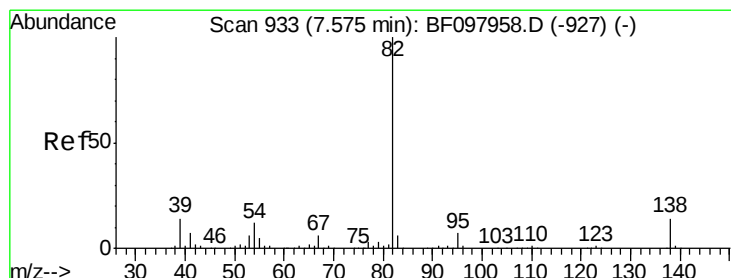
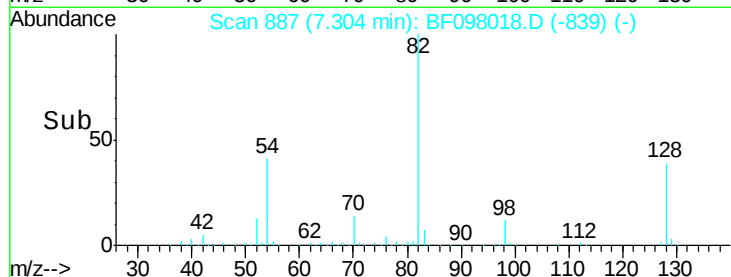
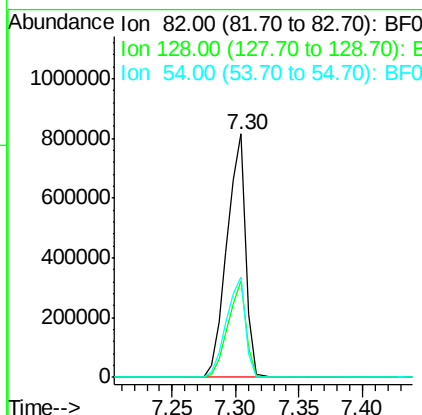
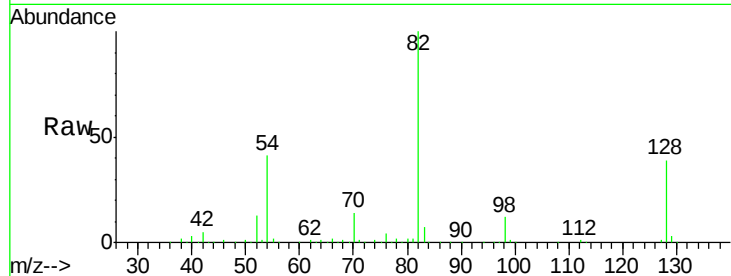




#23
Nitrobenzene-d5
Concen: 101.12 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.02 min
Lab File: BF098018.D
Acq: 24 Aug 2017 22:50

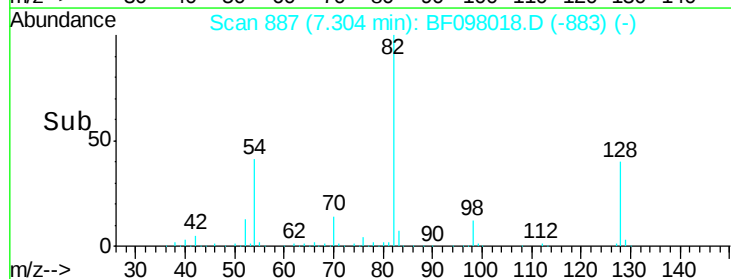
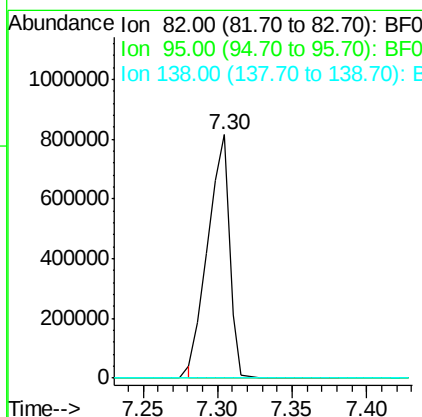
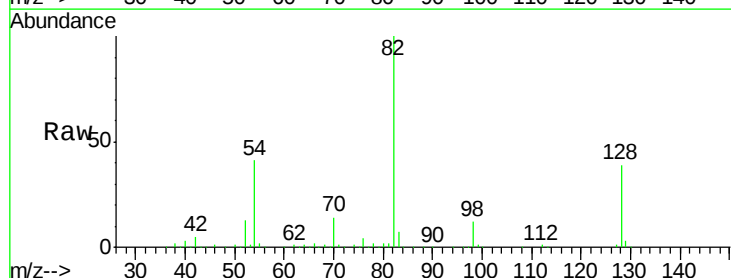
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SASP2P-TP-106-S(0-5)COMP

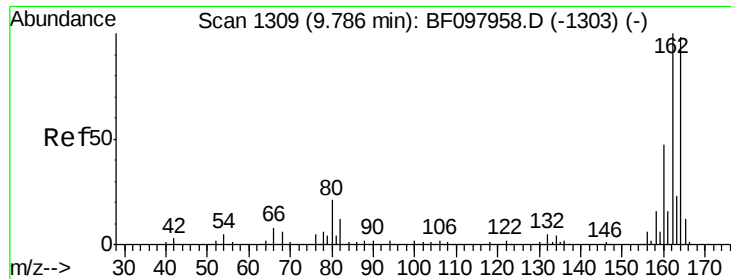
Tot Ion: 82 Resp: 833705
Ion Ratio Lower Upper
82 100
128 39.5 34.0 51.0
54 41.3 42.2 63.2#



#25
Isophorone
Concen: 47.53 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.28 min
Lab File: BF098018.D
Acq: 24 Aug 2017 22:50

Tgt Ion: 82 Resp: 814834
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 13.1 19.7#

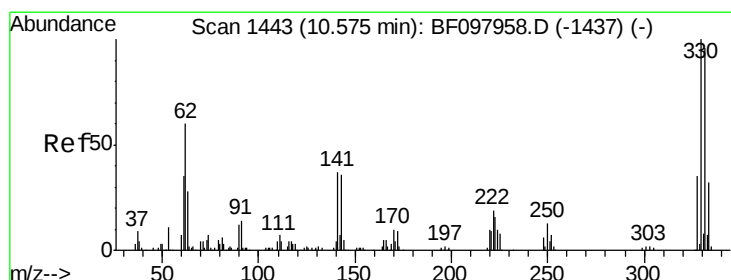
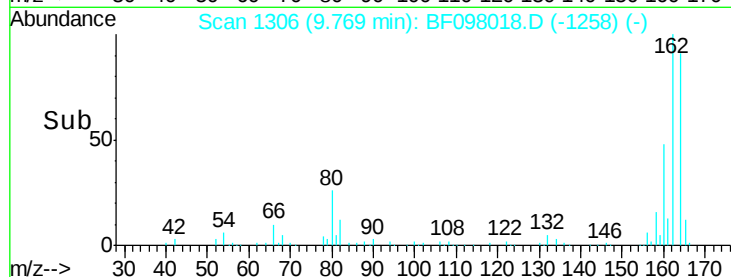
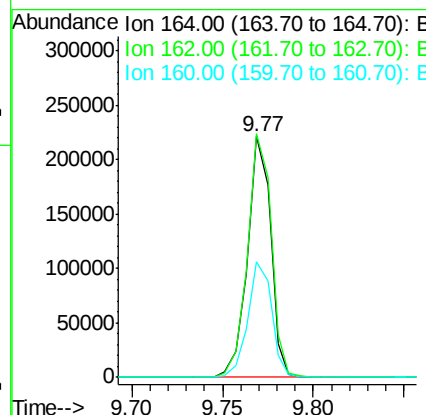
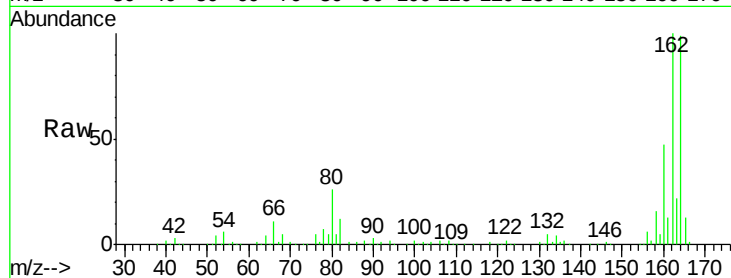




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. -0.02 min
 Lab File: BF098018.D
 Acq: 24 Aug 2017 22:50

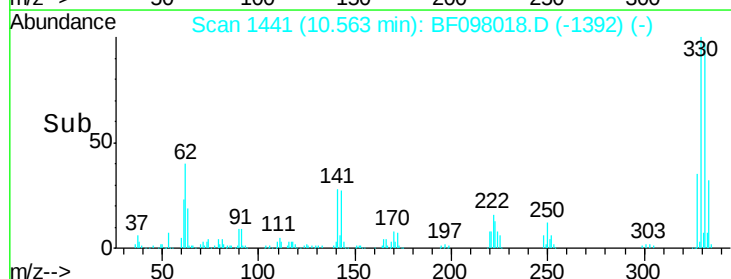
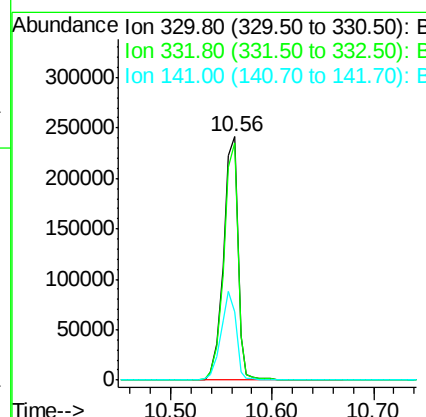
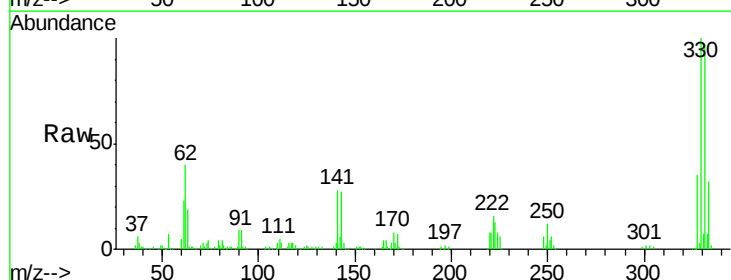
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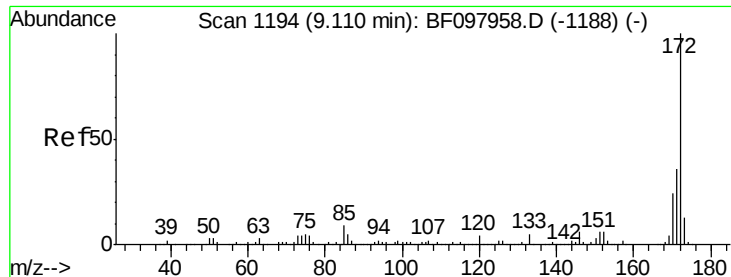
Tot Ion:164 Resp: 196448
 Ion Ratio Lower Upper
 164 100
 162 101.2 82.6 123.8
 160 47.9 36.2 54.2



#41
 2,4,6-Tribromophenol
 Concen: 141.38 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF098018.D
 Acq: 24 Aug 2017 22:50

Tgt Ion:330 Resp: 240976
 Ion Ratio Lower Upper
 330 100
 332 95.7 76.6 115.0
 141 37.9 31.4 47.2

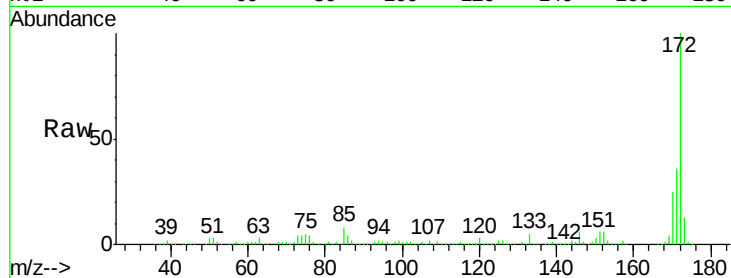




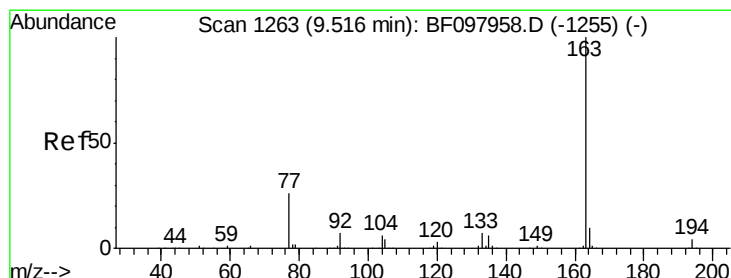
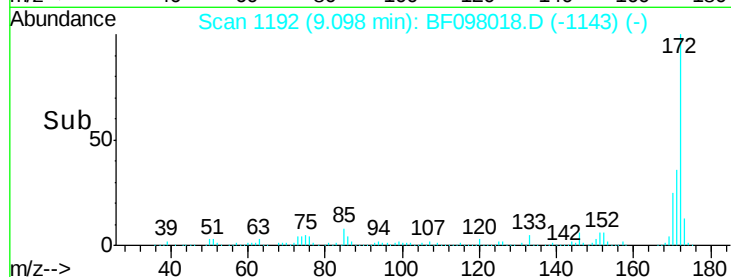
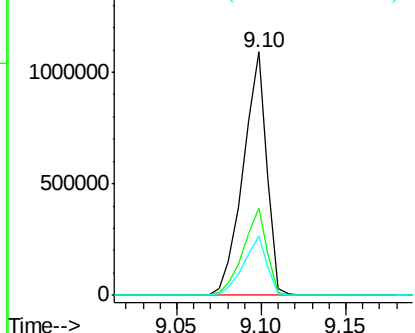
#44
2-Fluorobiphenyl
Concen: 79.53 ng
RT: 9.10 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BF098018.D
Acq: 24 Aug 2017 22:50

Instrument :
BNA_F
ClientSampleId :
SASP2P-TP-106-S(0-5)COMP

Tot Ion:172 Resp: 1063340
Ion Ratio Lower Upper
172 100
171 36.1 29.6 44.4
170 24.6 19.8 29.8

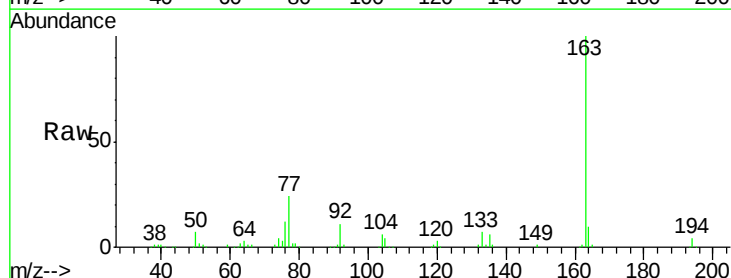


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

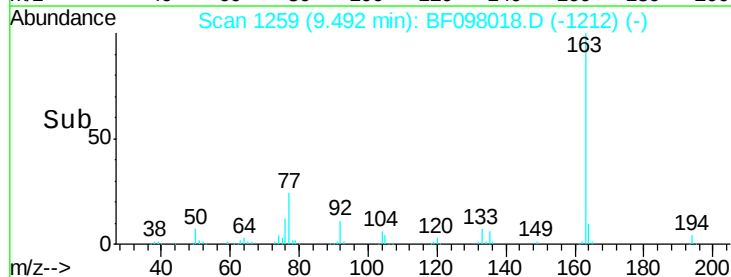
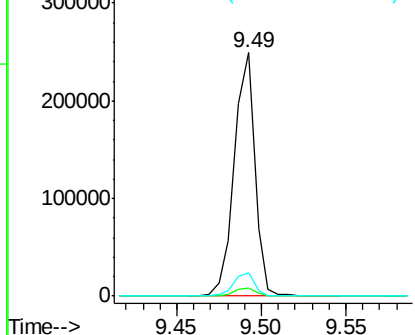


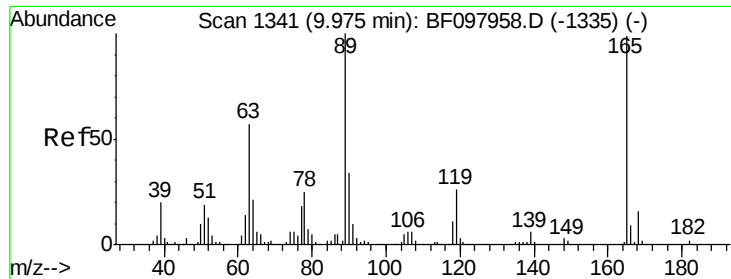
#49
Dimethylphthalate
Concen: 14.75 ng
RT: 9.49 min Scan# 1259
Delta R.T. -0.02 min
Lab File: BF098018.D
Acq: 24 Aug 2017 22:50

Tgt Ion:163 Resp: 211831
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 9.7 8.4 12.6



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

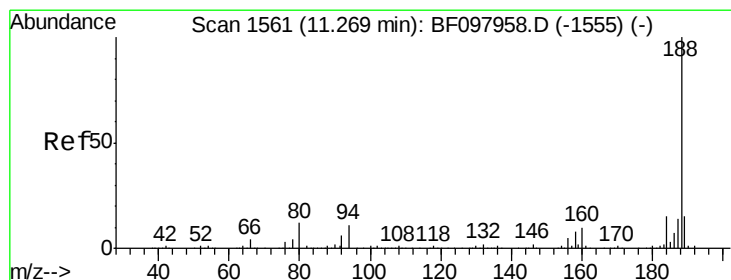
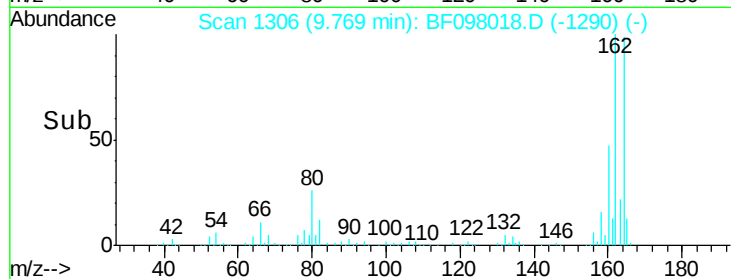
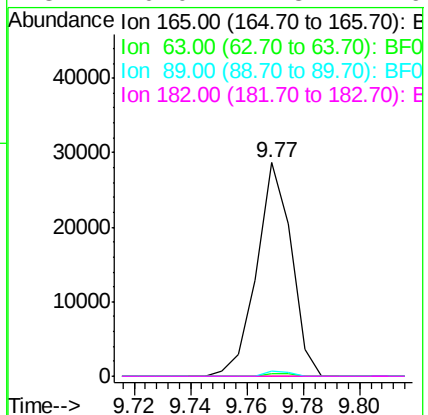
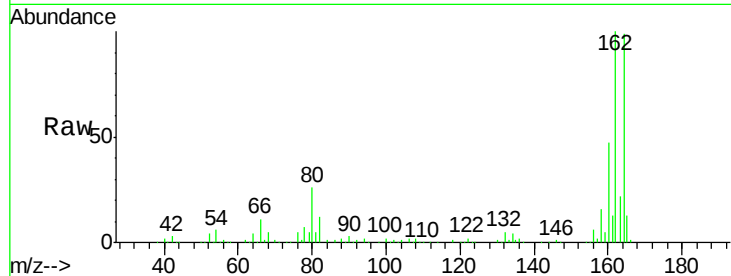




#56
 2,4-Dinitrotoluene
 Concen: 6.80 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. -0.21 min
 Lab File: BF098018.D
 Acq: 24 Aug 2017 22:50

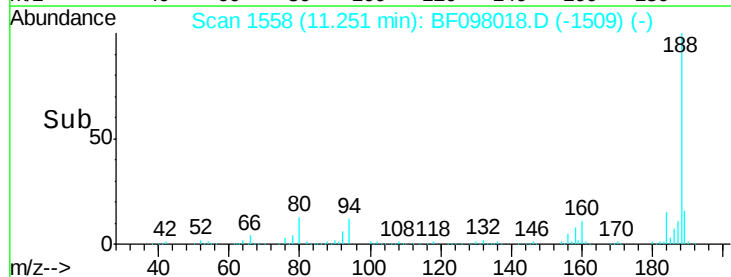
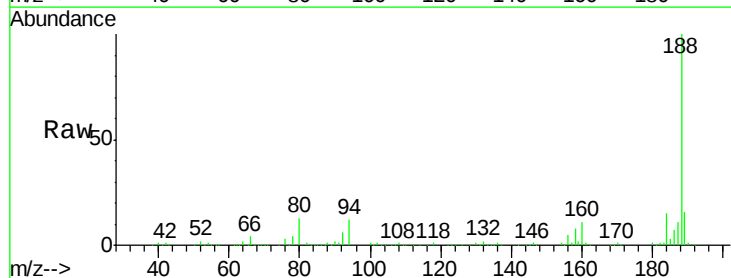
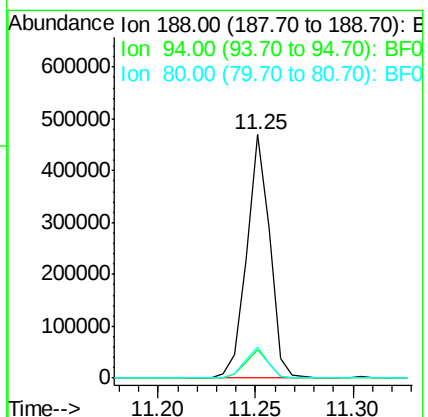
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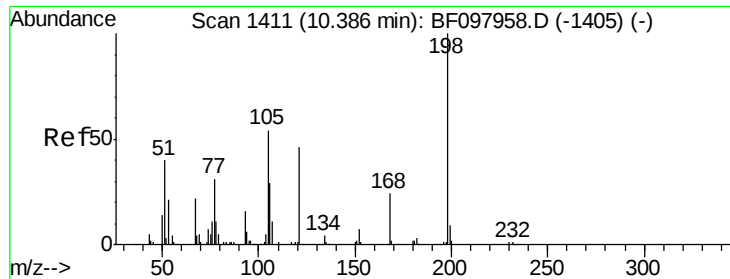
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	25.4	38.0#
89	2.2	46.4	69.6#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.25 min Scan# 1558
 Delta R.T. -0.01 min
 Lab File: BF098018.D
 Acq: 24 Aug 2017 22:50

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.8	9.4	14.2
80	12.9	10.2	15.2

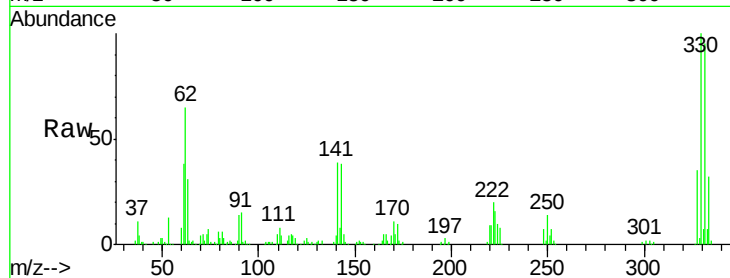




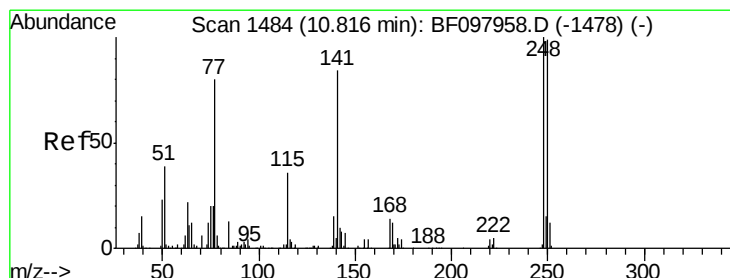
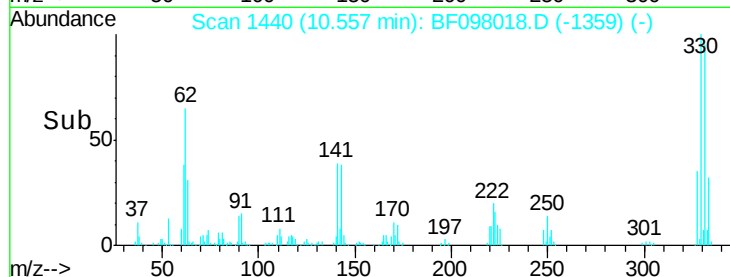
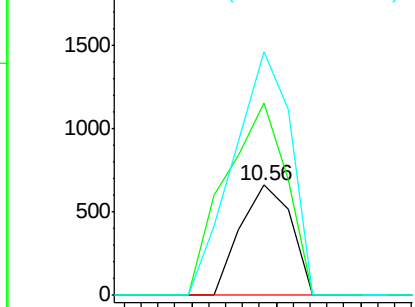
#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.57 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. 0.18 min
 Lab File: BF098018.D
 Acq: 24 Aug 2017 22:50

Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-TP-106-S(0-5)COMP

Tot Ion:198 Resp: 554
 Ion Ratio Lower Upper
 198 100
 51 174.9 53.2 93.2#
 105 221.3 45.8 85.8#

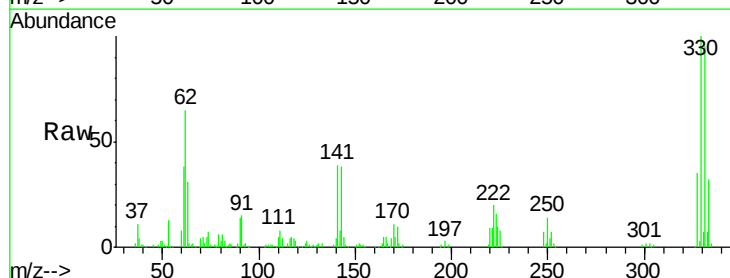


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

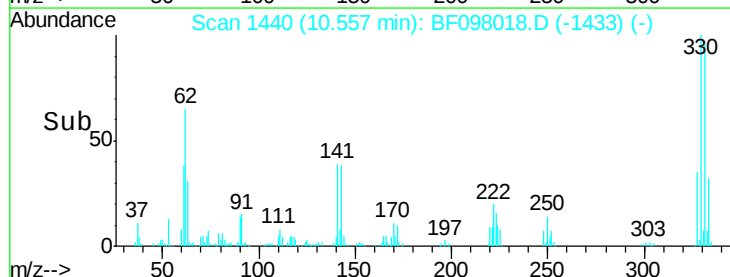
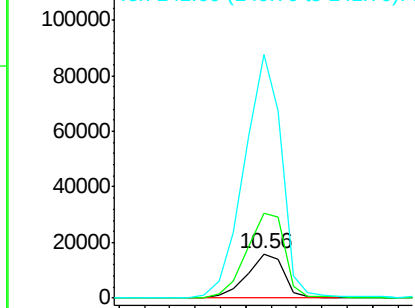


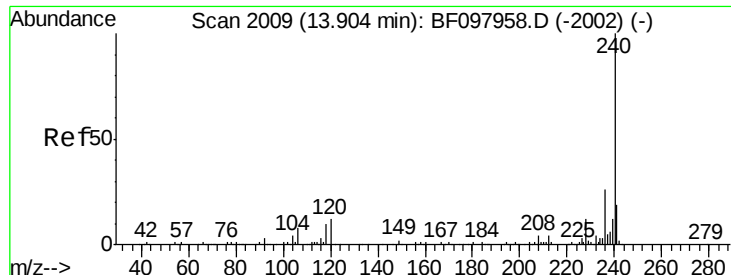
#66
 4-Bromophenyl-phenylether
 Concen: 3.99 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.26 min
 Lab File: BF098018.D
 Acq: 24 Aug 2017 22:50

Tgt Ion:248 Resp: 15916
 Ion Ratio Lower Upper
 248 100
 250 193.6 76.8 115.2#
 141 552.8 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: 20.00 ng

RT: 13.88 min Scan# 2005

Delta R.T. -0.02 min

Lab File: BF098018.D

Acq: 24 Aug 2017 22:50

Instrument :

BNA_F

ClientSampleId :

SASP2P-TP-106-S(0-5)COMP

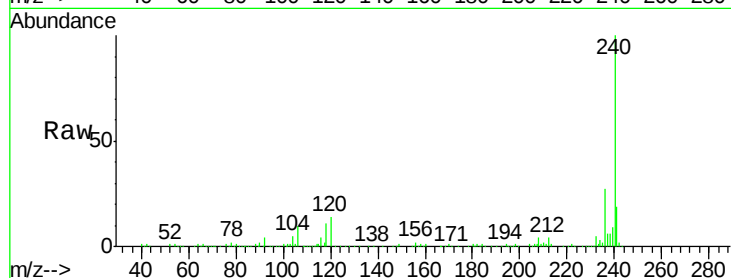
Tot Ion:240 Resp: 289953

Ion Ratio Lower Upper

240 100

120 13.8 5.8 8.8#

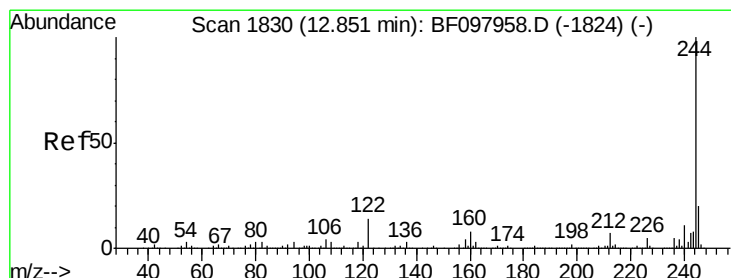
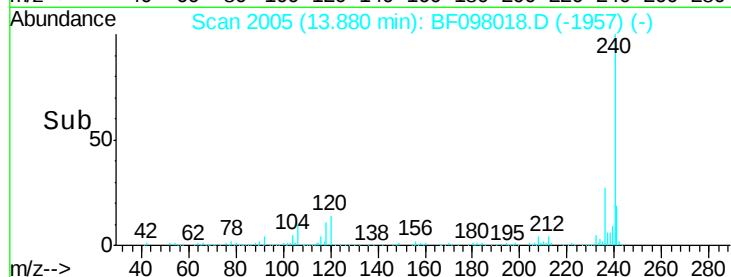
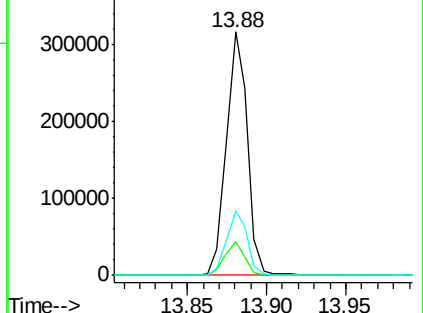
236 26.7 20.5 30.7



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: 62.53 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF098018.D

Acq: 24 Aug 2017 22:50

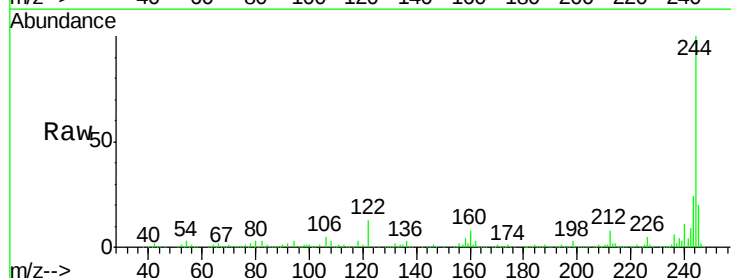
Tgt Ion:244 Resp: 869437

Ion Ratio Lower Upper

244 100

212 7.6 6.0 9.0

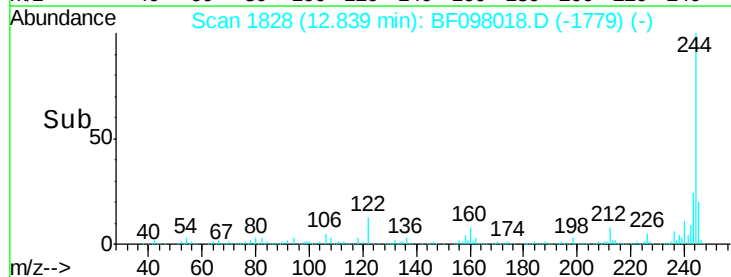
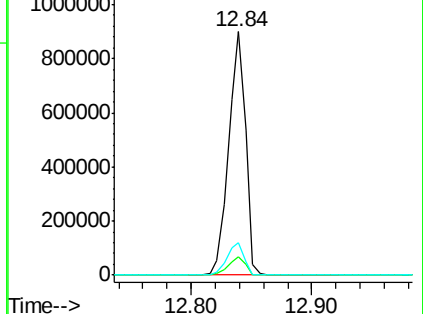
122 13.3 10.3 15.5

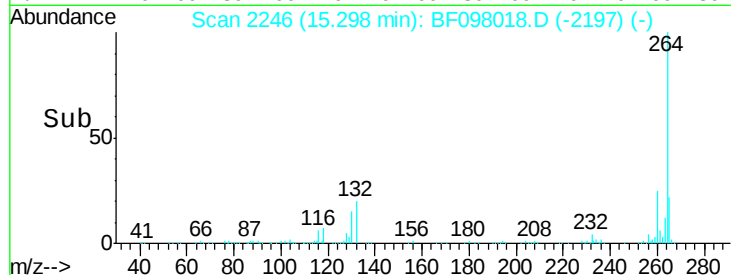
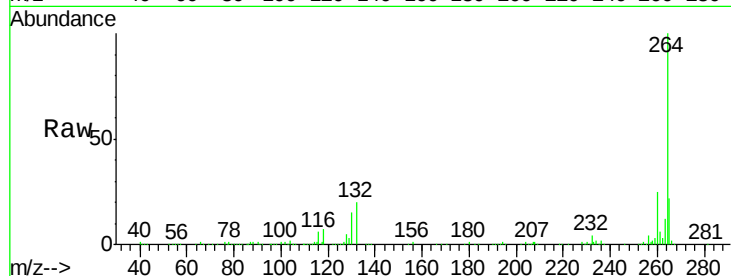
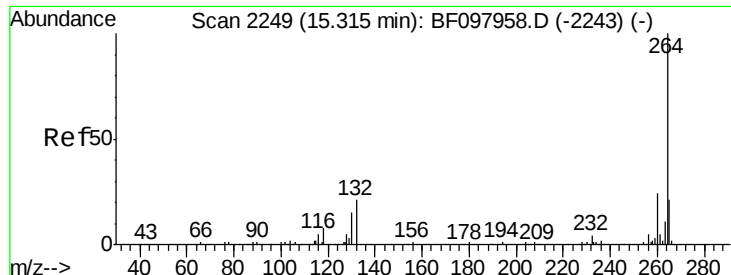


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.30 min Scan# 2246
 Delta R.T. -0.01 min
 Lab File: BF098018.D
 Acq: 24 Aug 2017 22:50

Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-TP-106-S(0-5)COMP

Tot Ion:	264	Resp:	251180
Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.5	29.3
265	21.7	17.2	25.8

