

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082117\
 Data File : BF097942.D
 Acq On : 22 Aug 2017 8:57
 Operator : SJ/JU
 Sample : I4872-14
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-14-COMP

Quant Time: Aug 22 12:06:59 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

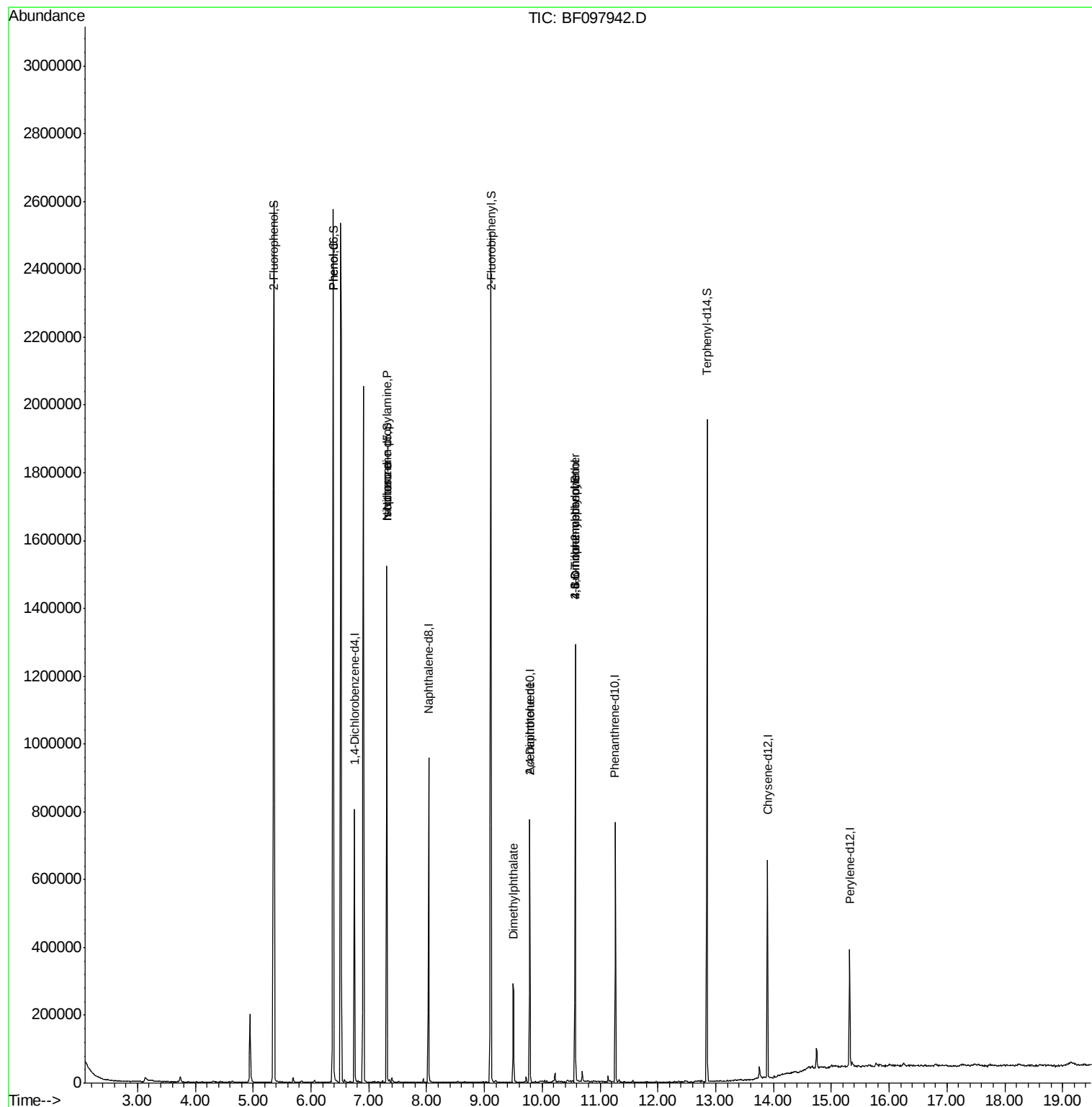
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	107944	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	388971	20.00	ng	0.00
38) Acenaphthene-d10	9.78	164	141783	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	248283	20.00	ng	0.00
75) Chrysene-d12	13.90	240	212906	20.00	ng	0.00
86) Perylene-d12	15.32	264	142714	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	737784	103.96	ng	0.00
7) Phenol-d6	6.39	99	976511	101.27	ng	0.00
23) Nitrobenzene-d5	7.31	82	552882	77.22	ng	-0.01
41) 2,4,6-Tribromophenol	10.57	330	120550	97.99	ng	0.00
44) 2-Fluorobiphenyl	9.11	172	735471	76.21	ng	0.00
78) Terphenyl-d14	12.85	244	558281	54.68	ng	0.00
Target Compounds						
10) Phenol	6.39	94	29004	2.572	ng	82
19) n-Nitroso-di-n-propylamine	7.31	70	74916	11.350	ng	# 71
25) Isophorone	7.31	82	543693	36.518	ng	# 67
49) Dimethylphthalate	9.50	163	106741	10.299	ng	98
56) 2,4-Dinitrotoluene	9.78	165	17407	6.705	ng	# 34
64) 4,6-Dinitro-2-methylphenol	10.57	198	126	8.410	ng	# 1
66) 4-Bromophenyl-phenylether	10.57	248	8008	3.106	ng	# 1

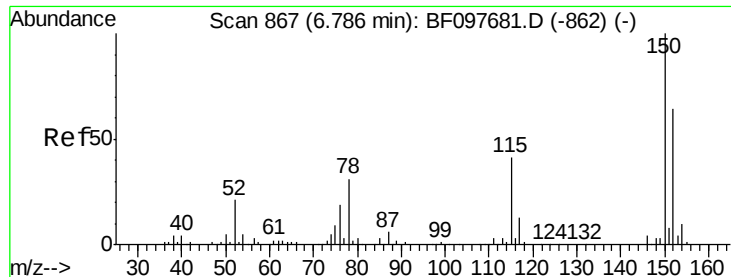
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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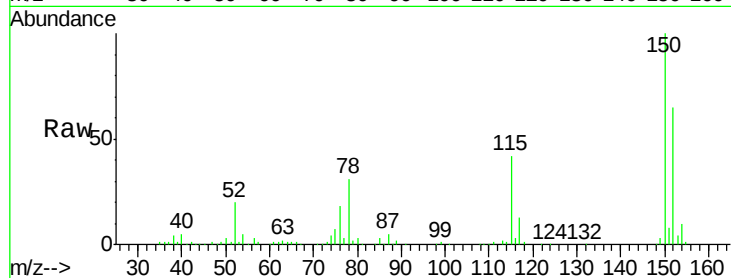


#1

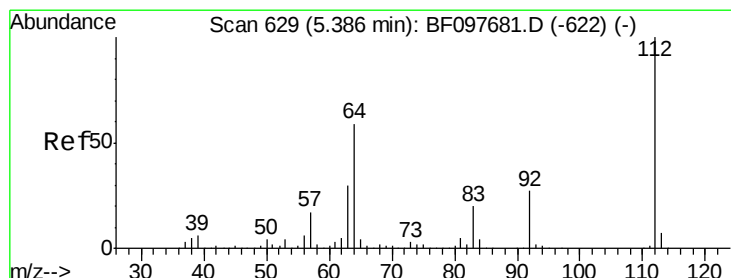
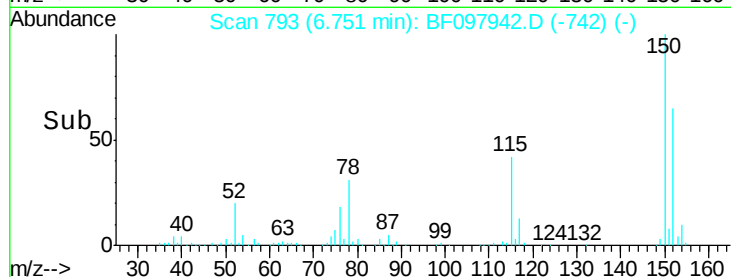
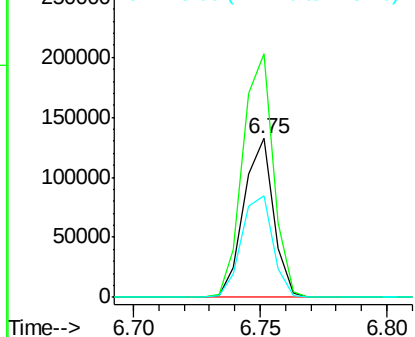
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. 0.00 min
Lab File: BF097942.D
Acq: 22 Aug 2017 8:57

Instrument :
BNA_F
ClientSampleId :
SB-14-COMP

Tgt Ion:152 Resp: 107944
Ion Ratio Lower Upper
152 100
150 153.2 126.2 189.2
115 63.6 52.2 78.2



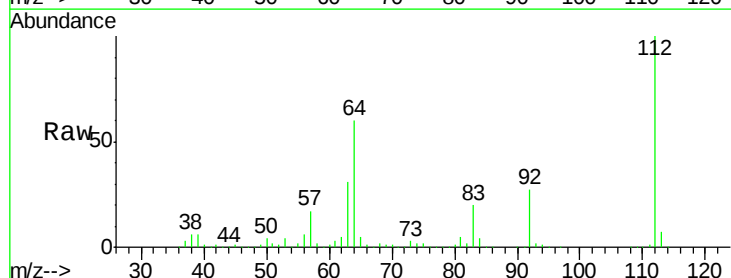
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



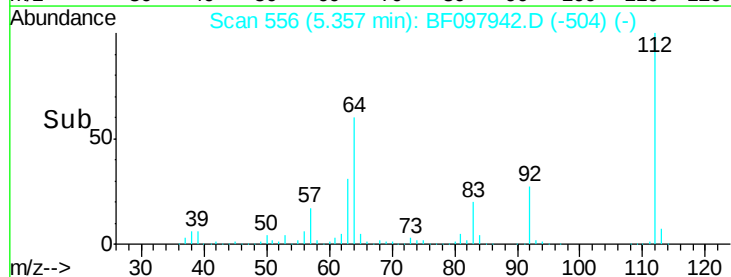
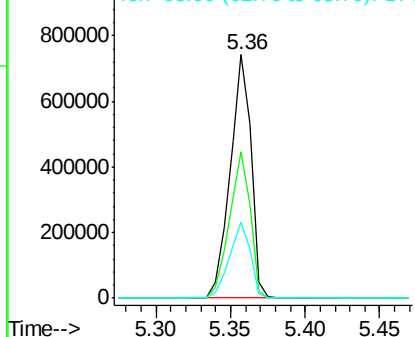
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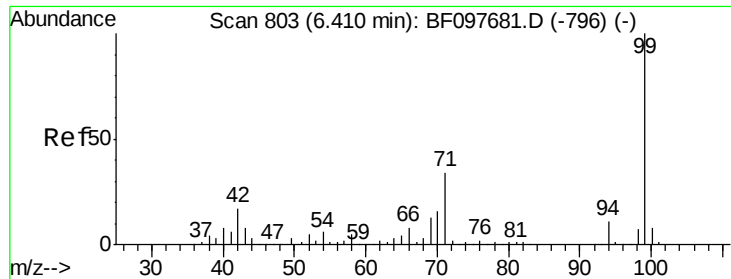
2-Fluorophenol
Concen: 103.964 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF097942.D
Acq: 22 Aug 2017 8:57

Tgt Ion:112 Resp: 737784
Ion Ratio Lower Upper
112 100
64 60.3 46.0 69.0
63 31.3 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: 101.275 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF097942.D

Acq: 22 Aug 2017 8:57

Instrument :

BNA_F

ClientSampleId :

SB-14-COMP

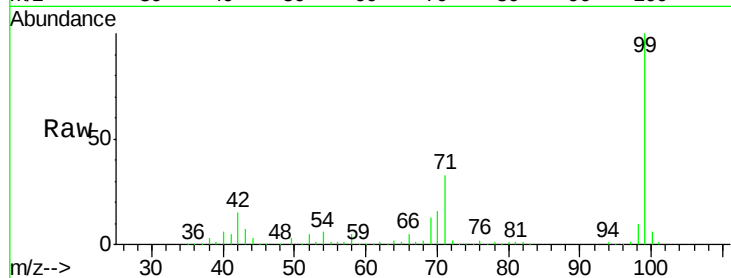
Tgt Ion: 99 Resp: 976511

Ion Ratio Lower Upper

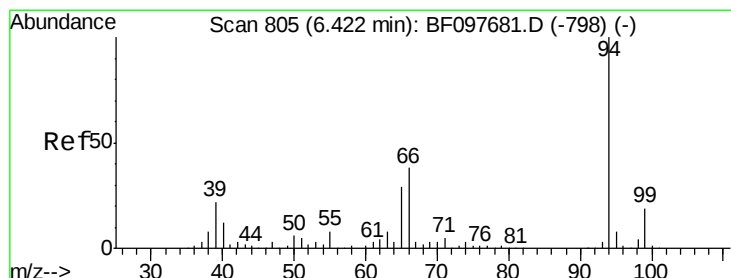
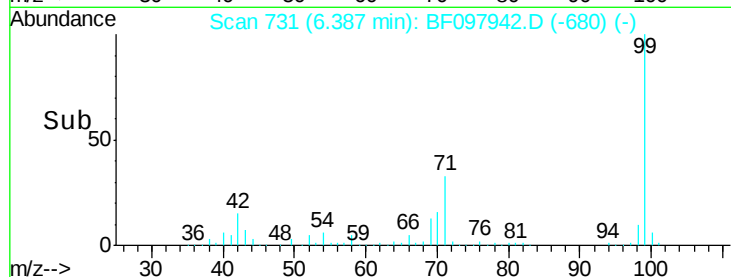
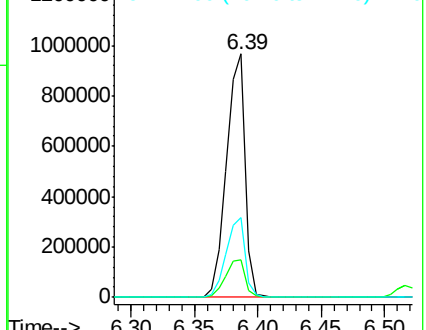
99 100

42 15.5 13.5 20.3

71 32.6 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: 2.572 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF097942.D

Acq: 22 Aug 2017 8:57

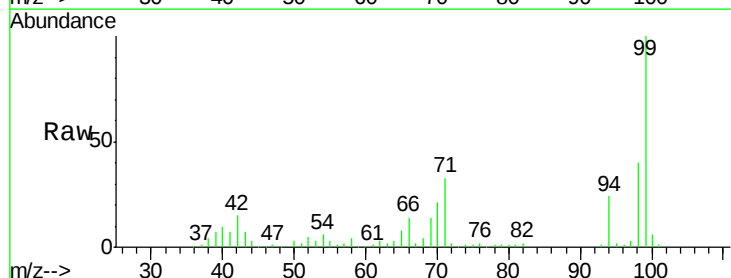
Tgt Ion: 94 Resp: 29004

Ion Ratio Lower Upper

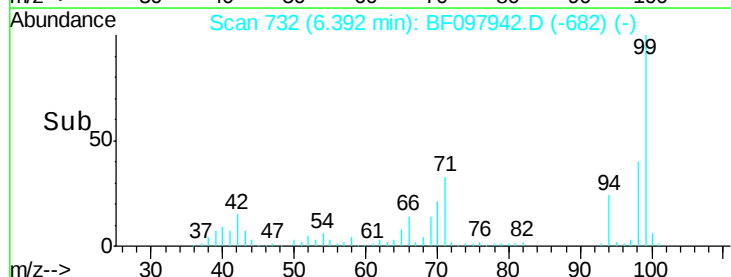
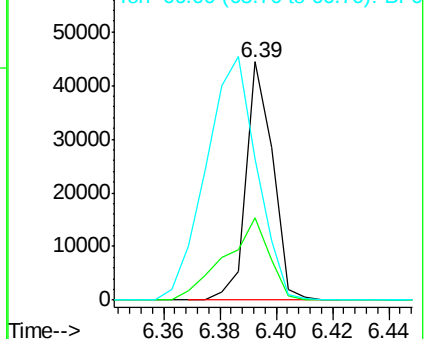
94 100

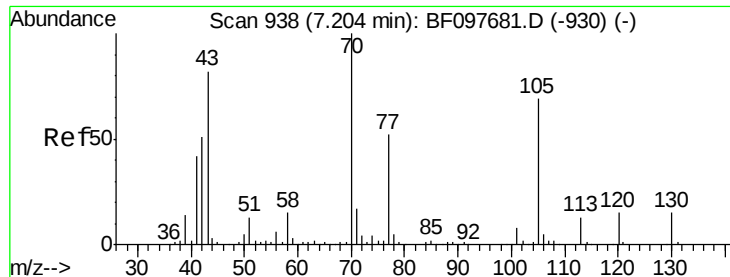
65 34.5 9.9 49.9

66 59.4 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

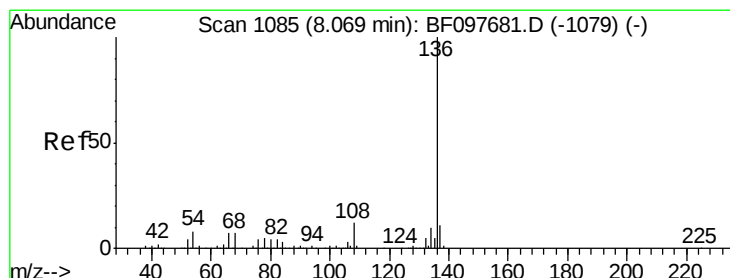
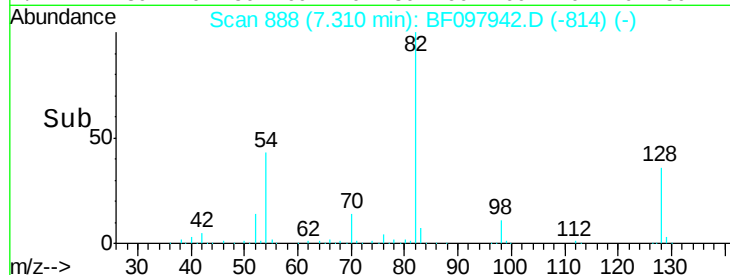
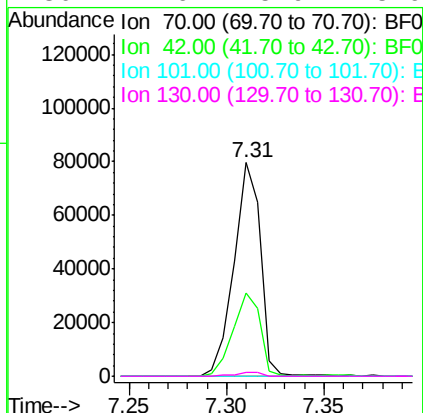
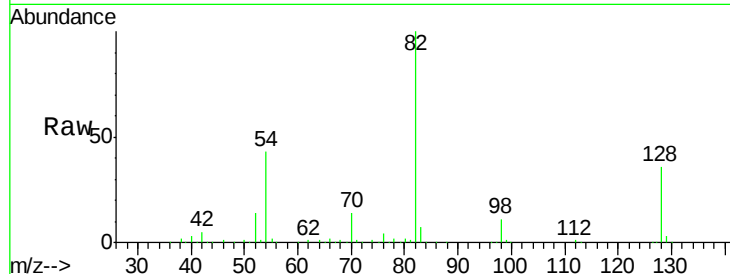




#19
n-Nitroso-di-n-propylamine
Concen: 11.350 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.14 min
Lab File: BF097942.D
Acq: 22 Aug 2017 8:57

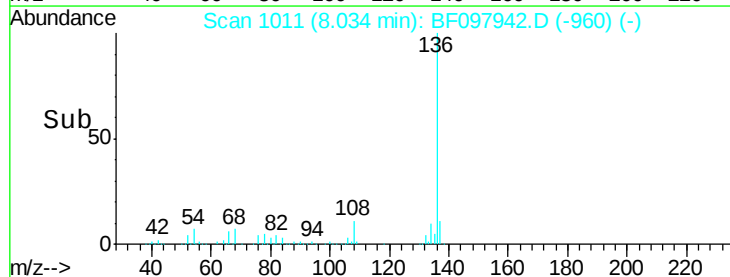
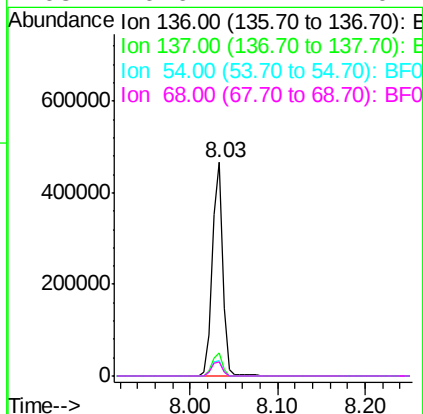
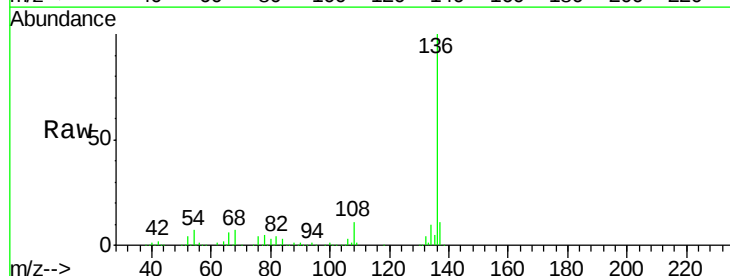
Instrument :
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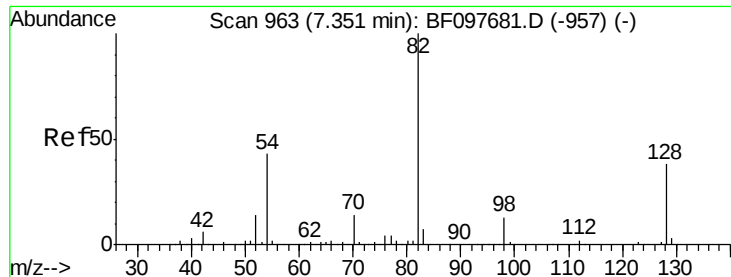
Tgt Ion: 70 Resp: 74916
Ion Ratio Lower Upper
70 100
42 39.2 47.2 70.8#
101 0.0 7.2 10.8#
130 1.6 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BF097942.D
Acq: 22 Aug 2017 8:57

Tgt Ion: 136 Resp: 388971
Ion Ratio Lower Upper
136 100
137 10.7 8.5 12.7
54 7.0 4.9 7.3
68 6.6 4.1 6.1#

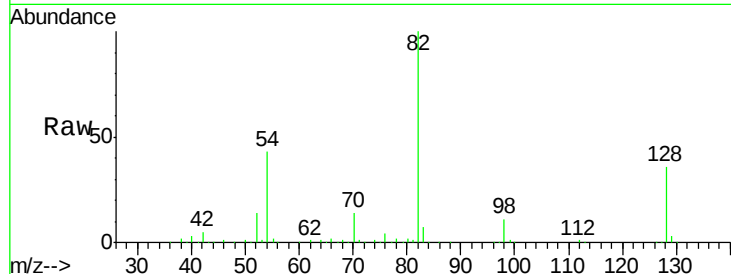




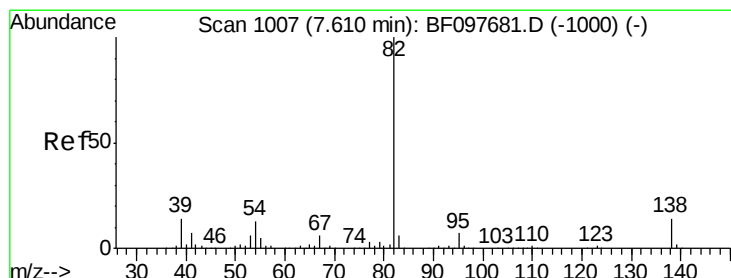
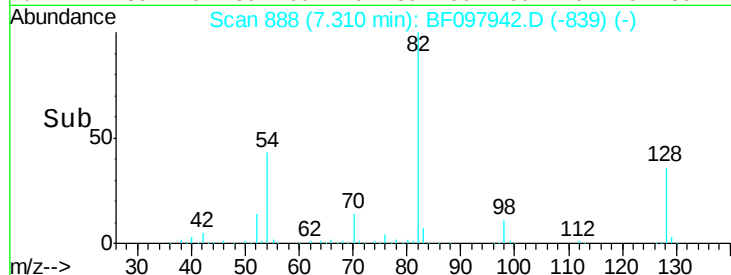
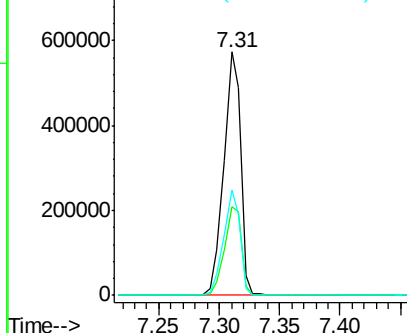
#23
Nitrobenzene-d5
Concen: 77.217 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF097942.D
Acq: 22 Aug 2017 8:57

Instrument :
BNA_F
ClientSampleId :
SB-14-COMP

Tgt Ion	Ratio	Lower	Upper
82	100		
128	36.5	34.0	51.0
54	43.2	42.2	63.2

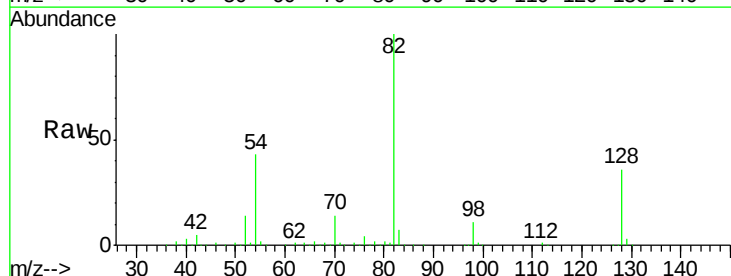


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

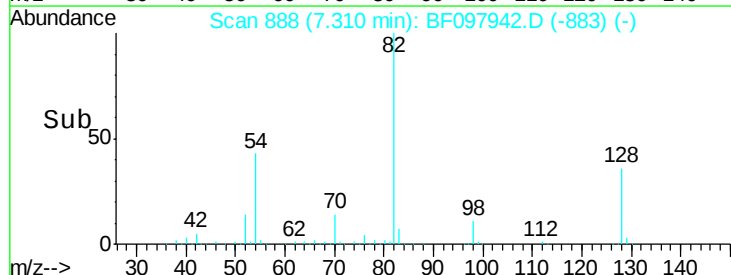
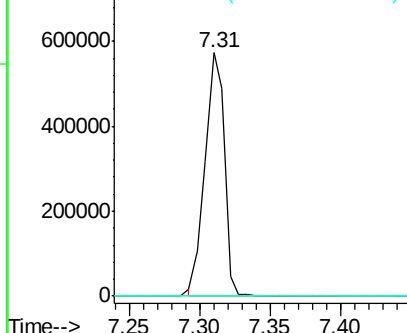


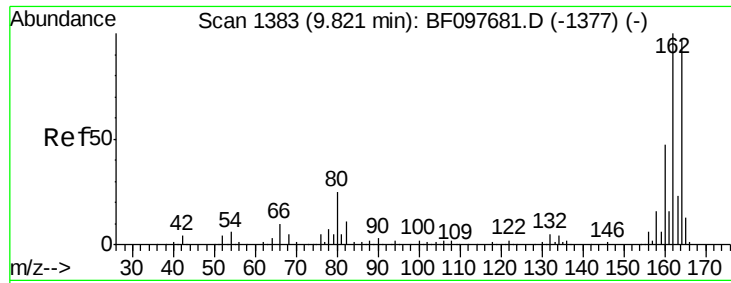
#25
Isophorone
Concen: 36.518 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.27 min
Lab File: BF097942.D
Acq: 22 Aug 2017 8:57

Tgt 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

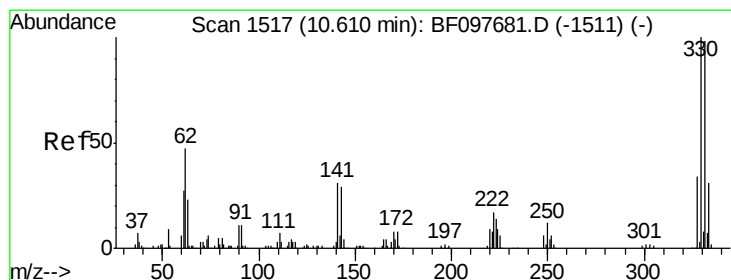
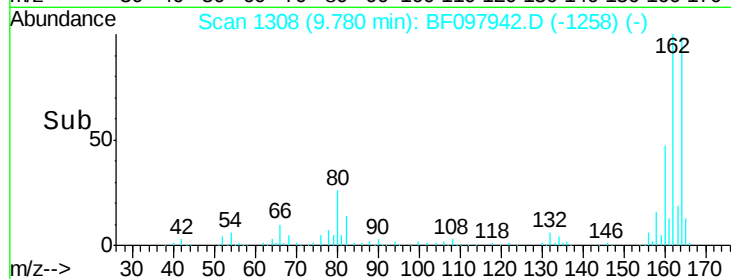
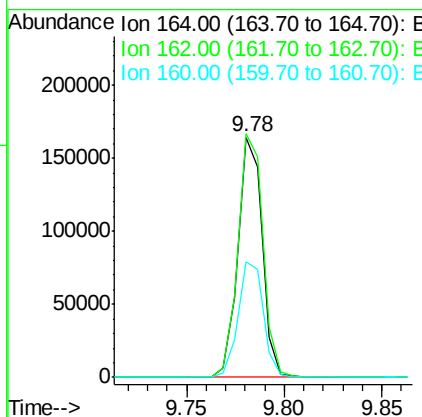
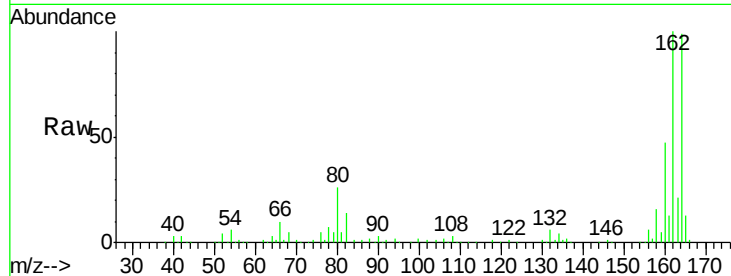




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.78 min Scan# 1308
 Delta R.T. -0.01 min
 Lab File: BF097942.D
 Acq: 22 Aug 2017 8:57

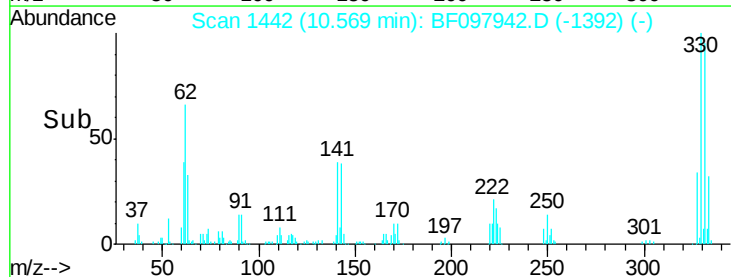
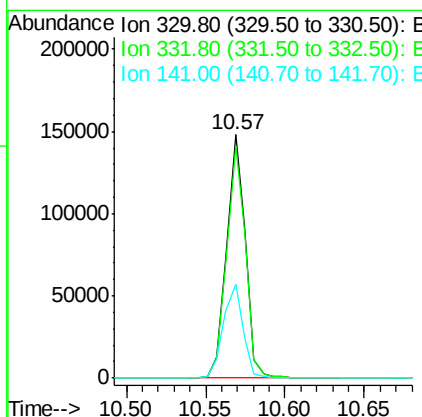
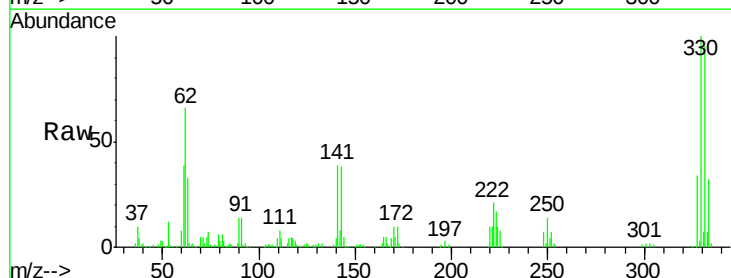
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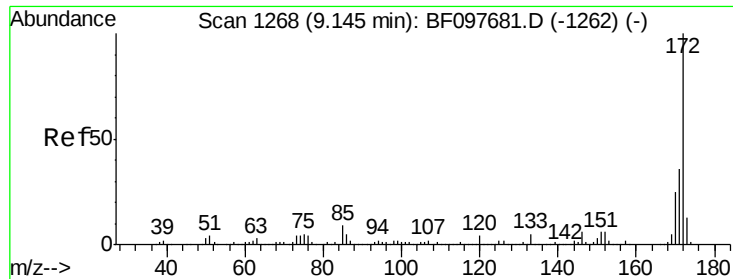
Tgt Ion:164 Resp: 141783
 Ion Ratio Lower Upper
 164 100
 162 101.3 82.6 123.8
 160 48.0 36.2 54.2



#41
 2,4,6-Tribromophenol
 Concen: 97.992 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF097942.D
 Acq: 22 Aug 2017 8:57

Tgt Ion:330 Resp: 120550
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.6 115.0
 141 41.2 31.4 47.2

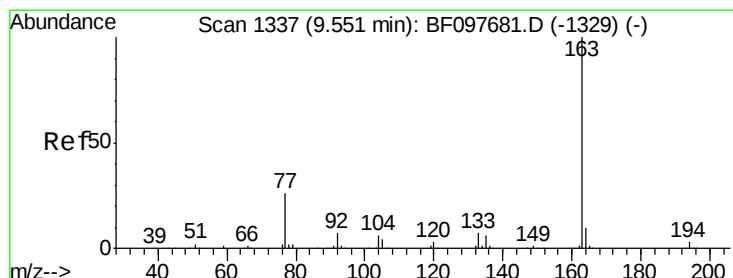
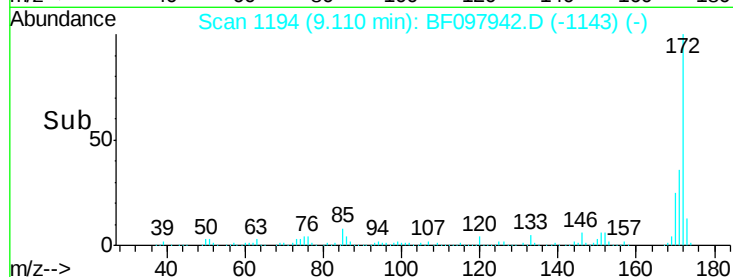
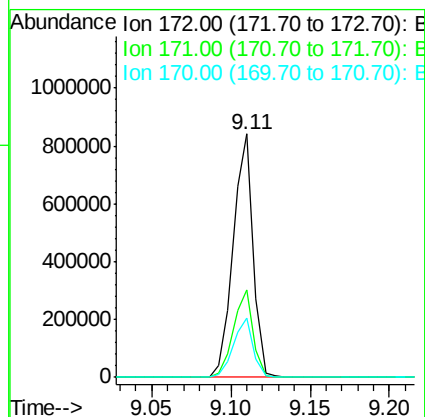
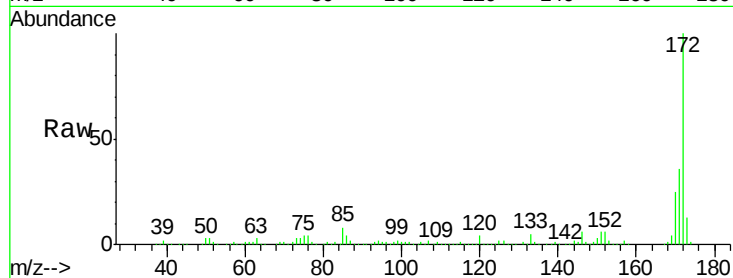




#44
 2-Fluorobiphenyl
 Concen: 76.212 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: BF097942.D
 Acq: 22 Aug 2017 8:57

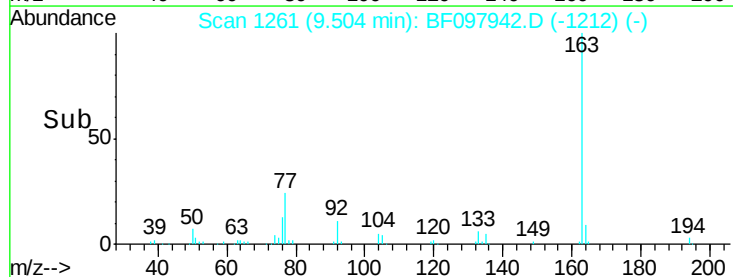
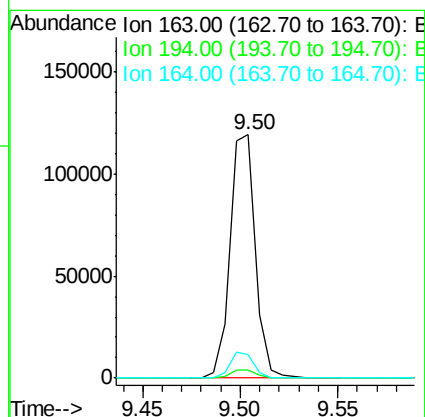
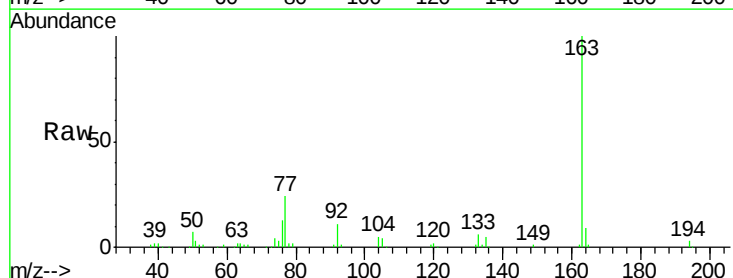
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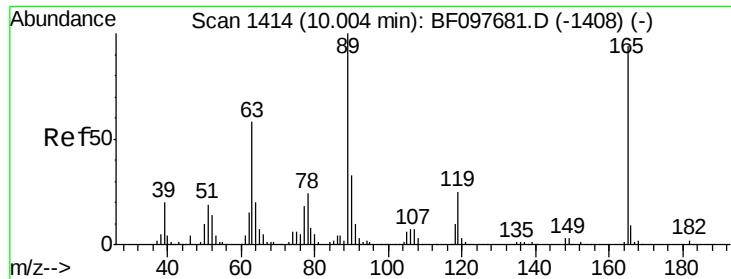
Tgt Ion:172 Resp: 735471
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.6 44.4
 170 24.5 19.8 29.8



#49
 Dimethylphthalate
 Concen: 10.299 ng
 RT: 9.50 min Scan# 1261
 Delta R.T. -0.01 min
 Lab File: BF097942.D
 Acq: 22 Aug 2017 8:57

Tgt Ion:163 Resp: 106741
 Ion Ratio Lower Upper
 163 100
 194 3.2 2.6 4.0
 164 9.4 8.4 12.6

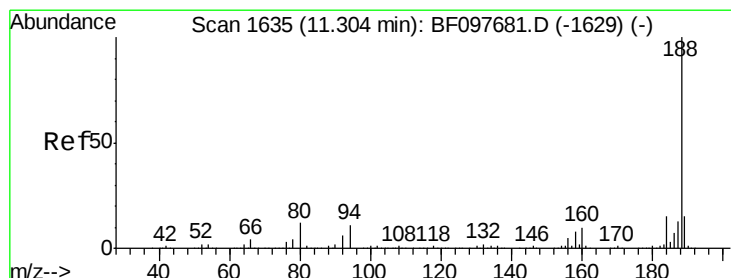
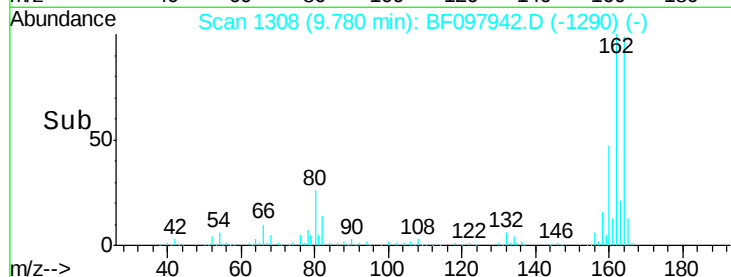
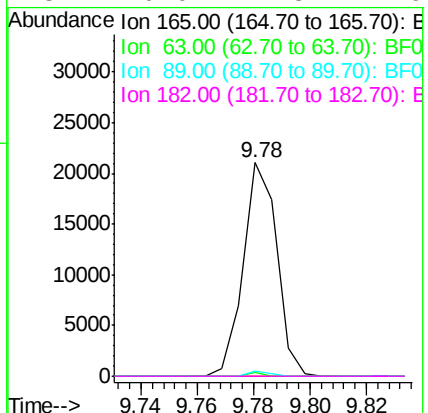
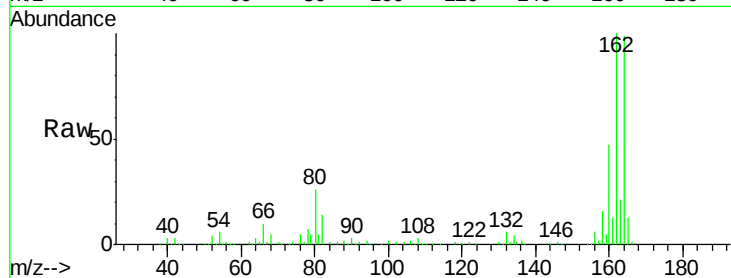




#56
 2,4-Dinitrotoluene
 Concen: 6.705 ng
 RT: 9.78 min Scan# 1308
 Delta R.T. -0.19 min
 Lab File: BF097942.D
 Acq: 22 Aug 2017 8:57

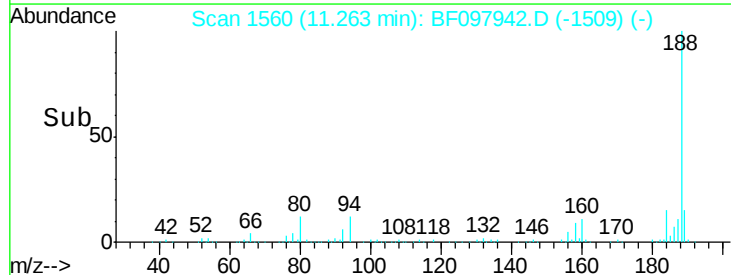
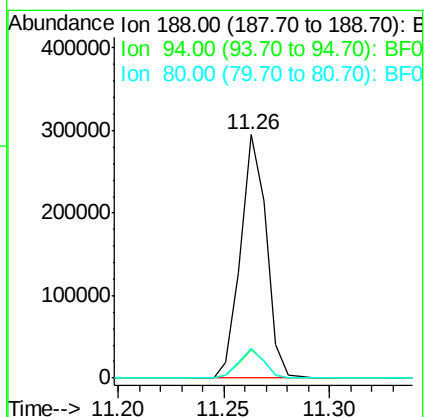
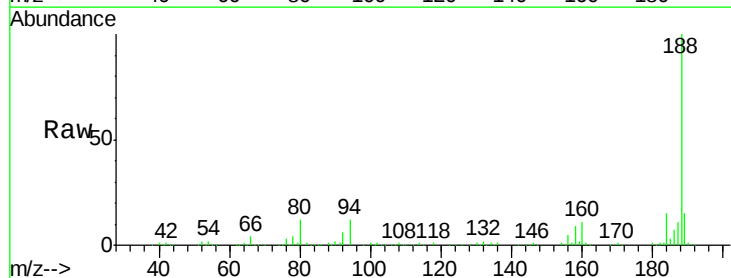
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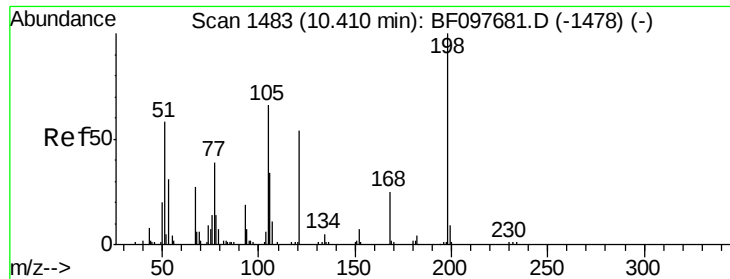
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	25.4	38.0#
89	2.6	46.4	69.6#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.26 min Scan# 1560
 Delta R.T. 0.00 min
 Lab File: BF097942.D
 Acq: 22 Aug 2017 8:57

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.8	9.4	14.2
80	12.5	10.2	15.2

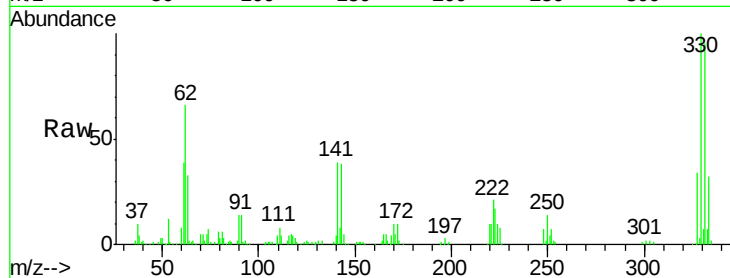




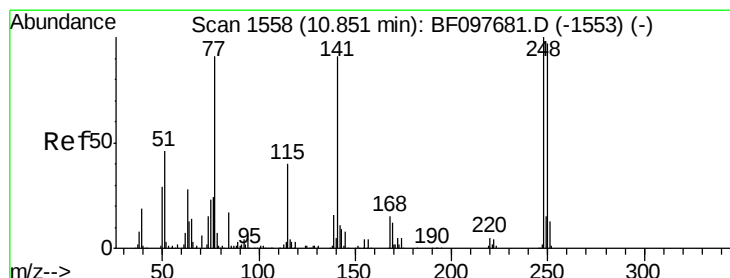
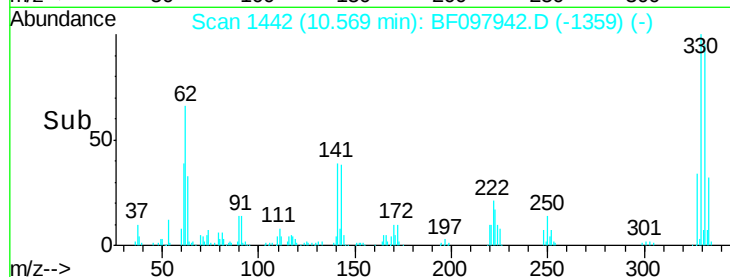
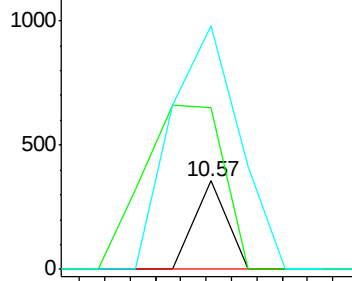
#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.410 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. 0.19 min
 Lab File: BF097942.D
 Acq: 22 Aug 2017 8:57

Instrument :
 BNA_F
 ClientSampleId :
 SB-14-COMP

Tgt Ion:198 Resp: 126
 Ion Ratio Lower Upper
 198 100
 51 182.6 53.2 93.2#
 105 274.5 45.8 85.8#

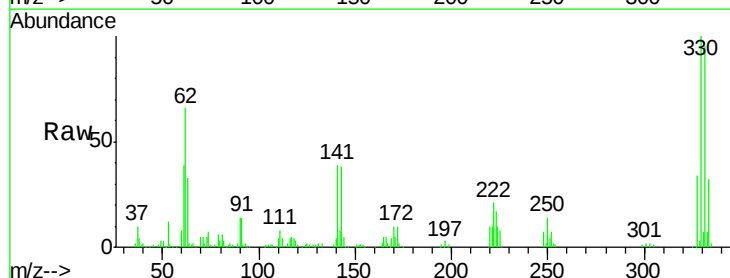


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

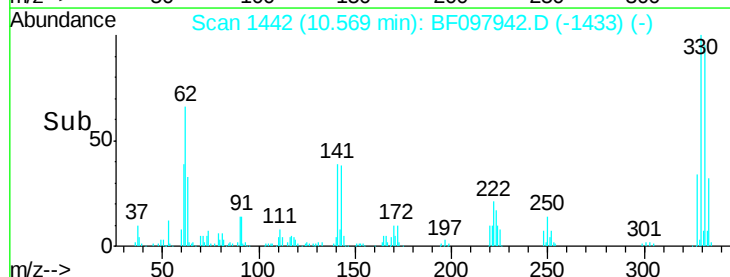
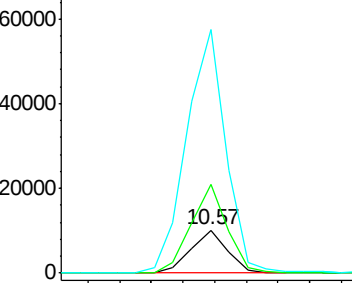


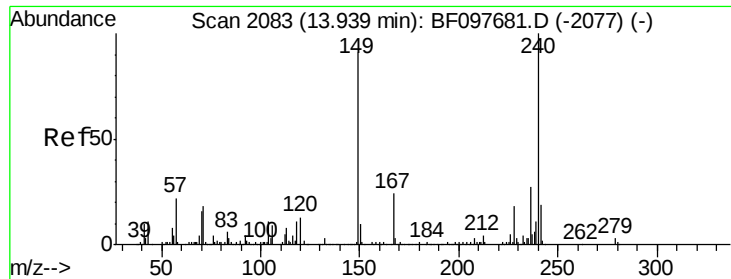
#66
 4-Bromophenyl-phenylether
 Concen: 3.106 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.25 min
 Lab File: BF097942.D
 Acq: 22 Aug 2017 8:57

Tgt Ion:248 Resp: 8008
 Ion Ratio Lower Upper
 248 100
 250 207.3 76.8 115.2#
 141 567.4 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: 13.90 min Scan# 2008

Delta R.T. 0.00 min

Lab File: BF097942.D

Acq: 22 Aug 2017 8:57

Instrument :

BNA_F

ClientSampleId :

SB-14-COMP

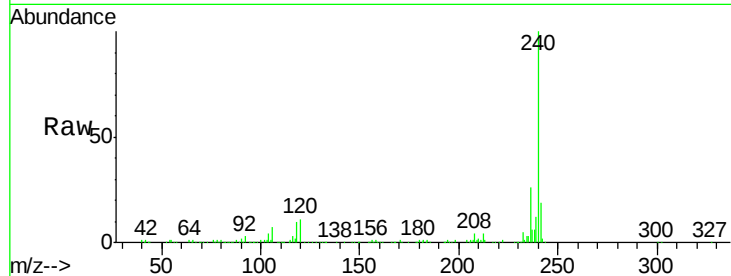
Tgt Ion:240 Resp: 212906

Ion Ratio Lower Upper

240 100

120 11.2 5.8 8.8#

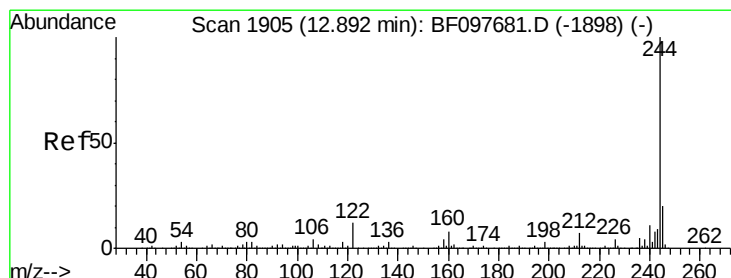
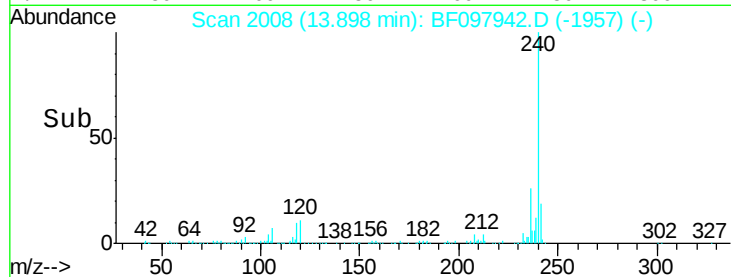
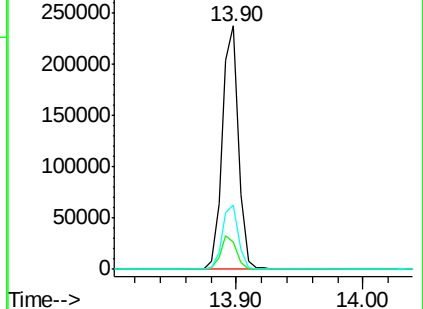
236 26.3 20.5 30.7



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: 54.682 ng

RT: 12.85 min Scan# 1830

Delta R.T. 0.00 min

Lab File: BF097942.D

Acq: 22 Aug 2017 8:57

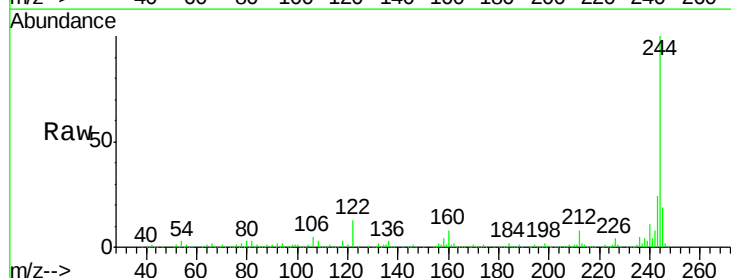
Tgt Ion:244 Resp: 558281

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

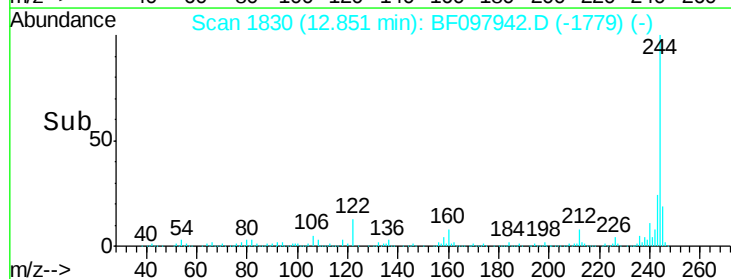
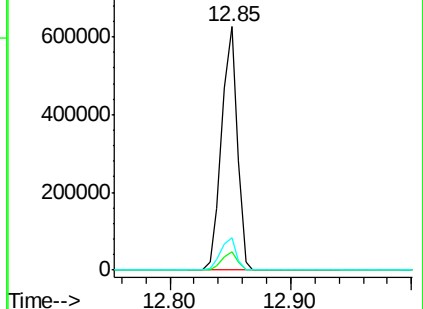
122 13.2 10.3 15.5

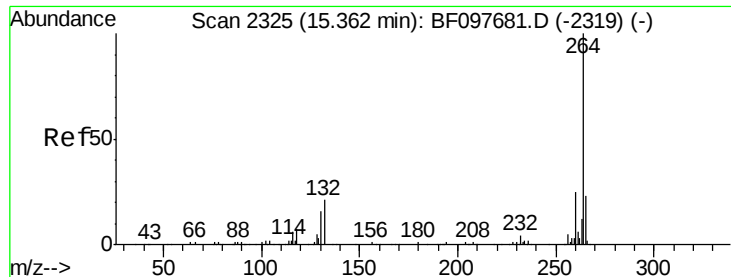


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2249
Delta R.T. 0.01 min
Lab File: BF097942.D
Acq: 22 Aug 2017 8:57

Instrument :
BNA_F
ClientSampleId :
SB-14-COMP

Tgt Ion: 264 Resp: 142714
Ion Ratio Lower Upper
264 100
260 23.7 19.5 29.3
265 22.0 17.2 25.8

