

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082117\
 Data File : BF097943.D
 Acq On : 22 Aug 2017 9:25
 Operator : SJ/JU
 Sample : I4872-18
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-20-COMP

Quant Time: Aug 22 12:07:26 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

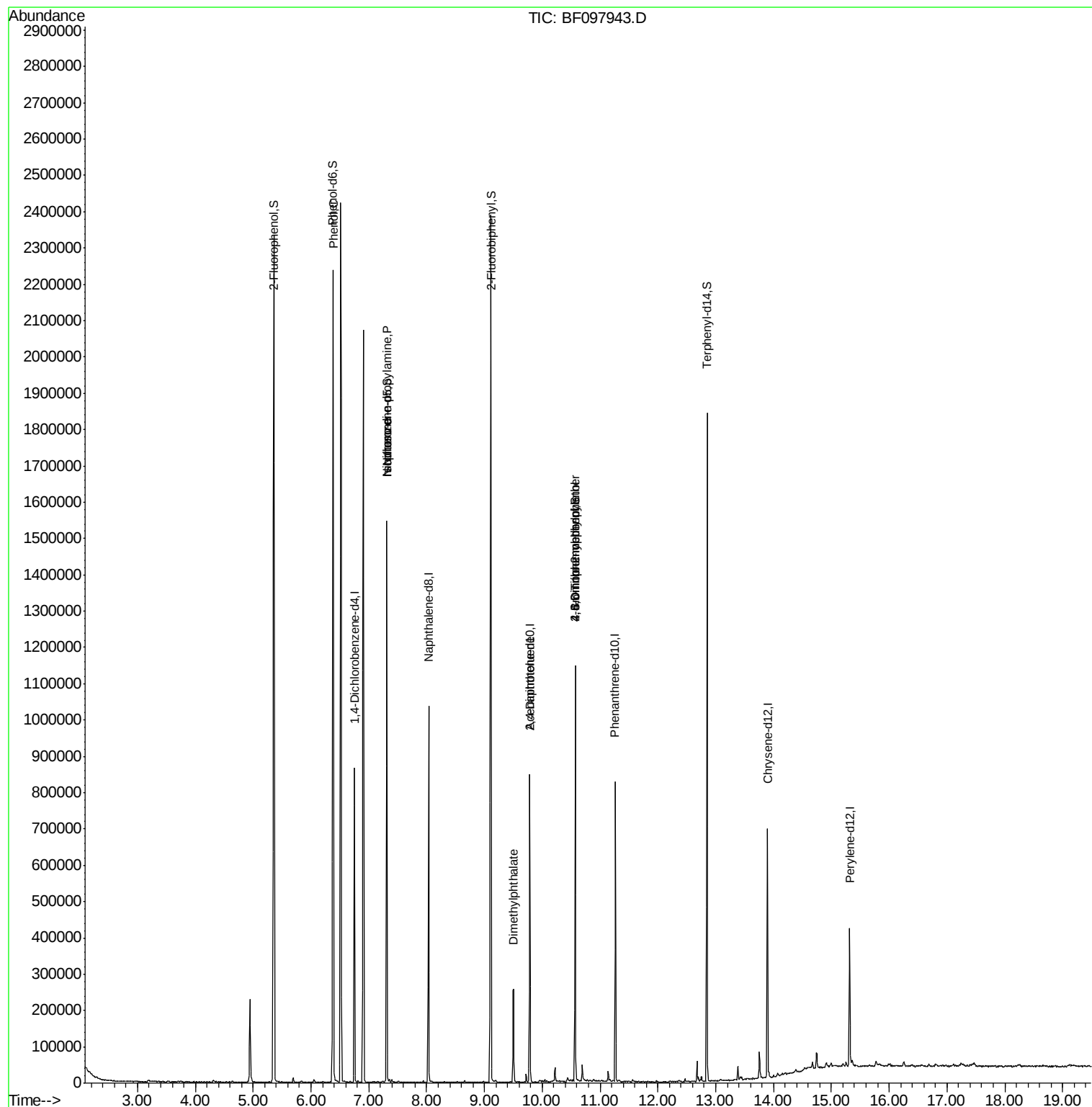
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	116845	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	425567	20.00	ng	0.00
38) Acenaphthene-d10	9.79	164	157723	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	269605	20.00	ng	0.00
75) Chrysene-d12	13.90	240	230599	20.00	ng	0.00
86) Perylene-d12	15.32	264	155955	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	669778	87.19	ng	0.00
7) Phenol-d6	6.38	99	898434	86.08	ng	0.00
23) Nitrobenzene-d5	7.31	82	515353	65.79	ng	-0.01
41) 2,4,6-Tribromophenol	10.57	330	105321	76.96	ng	0.00
44) 2-Fluorobiphenyl	9.11	172	719124	66.99	ng	0.00
78) Terphenyl-d14	12.85	244	509984	46.12	ng	0.00
Target Compounds						
10) Phenol	6.39	94	28835	2.362	ng	98
19) n-Nitroso-di-n-propylamine	7.31	70	69322	9.702	ng	# 73
25) Isophorone	7.31	82	504358	30.963	ng	# 67
49) Dimethylphthalate	9.50	163	96136	8.339	ng	96
56) 2,4-Dinitrotoluene	9.79	165	20124	6.968	ng	# 34
64) 4,6-Dinitro-2-methylphenol	10.57	198	245	8.480	ng	# 1
66) 4-Bromophenyl-phenylether	10.57	248	7367	2.631	ng	# 1

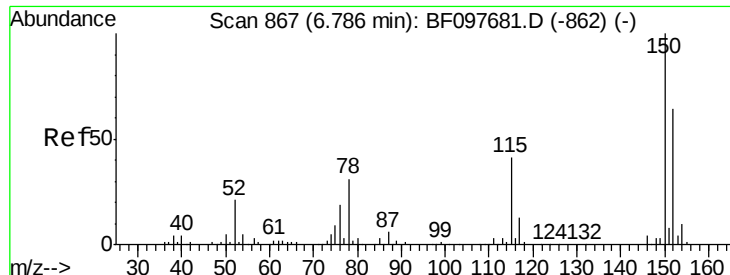
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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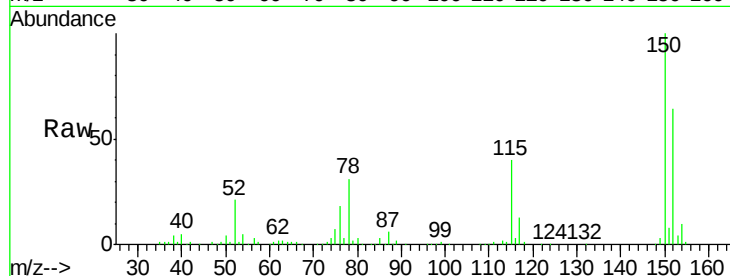




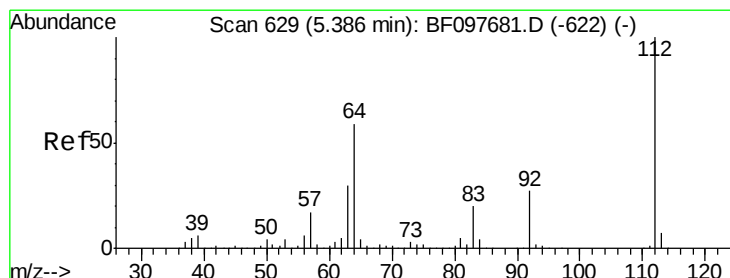
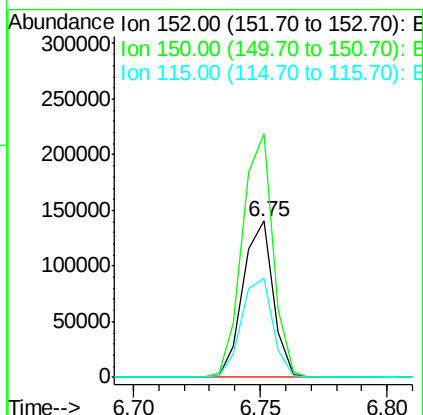
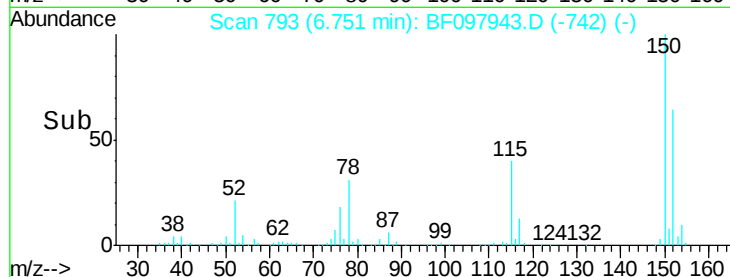
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.75 min Scan# 793
 Delta R.T. 0.00 min
 Lab File: BF097943.D
 Acq: 22 Aug 2017 9:25

Instrument :
 BNA_F
 ClientSampleId :
 SB-20-COMP

Tgt Ion:152 Resp: 116845
 Ion Ratio Lower Upper
 152 100
 150 155.6 126.2 189.2
 115 63.0 52.2 78.2

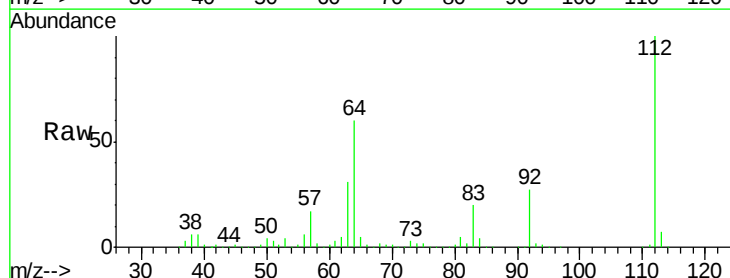


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

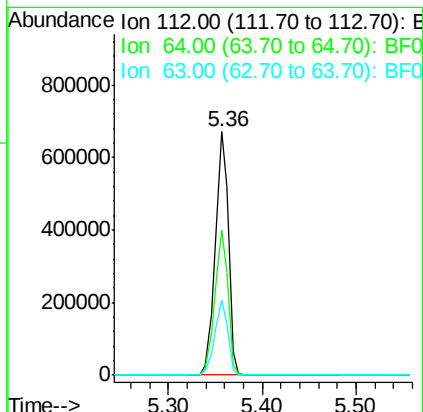
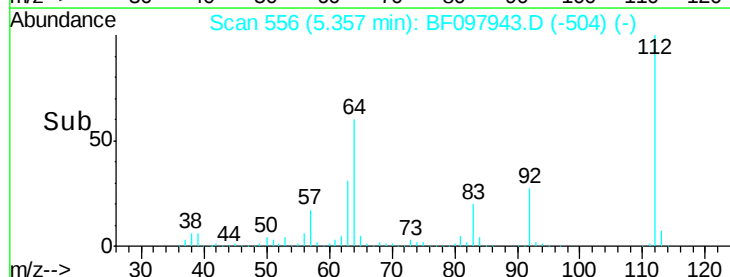


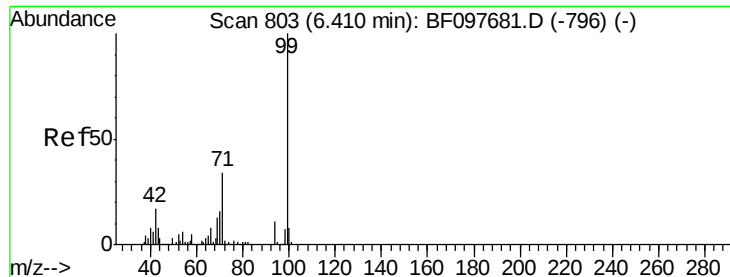
#5
 2-Fluorophenol
 Concen: 87.191 ng
 RT: 5.36 min Scan# 556
 Delta R.T. 0.01 min
 Lab File: BF097943.D
 Acq: 22 Aug 2017 9:25

Tgt Ion:112 Resp: 669778
 Ion Ratio Lower Upper
 112 100
 64 59.7 46.0 69.0
 63 30.5 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: 86.079 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF097943.D

Acq: 22 Aug 2017 9:25

Instrument :

BNA_F

ClientSampleId :

SB-20-COMP

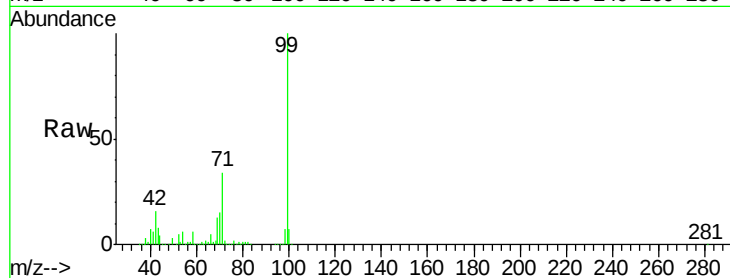
Tgt Ion: 99 Resp: 898434

Ion Ratio Lower Upper

99 100

42 16.5 13.5 20.3

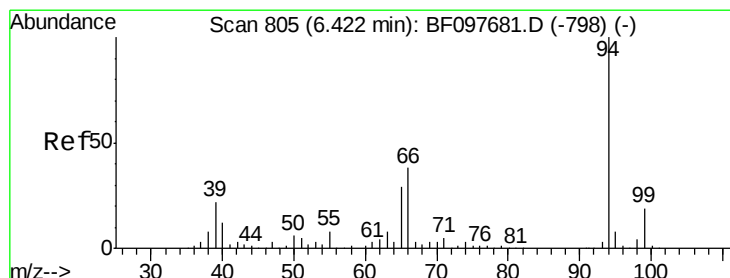
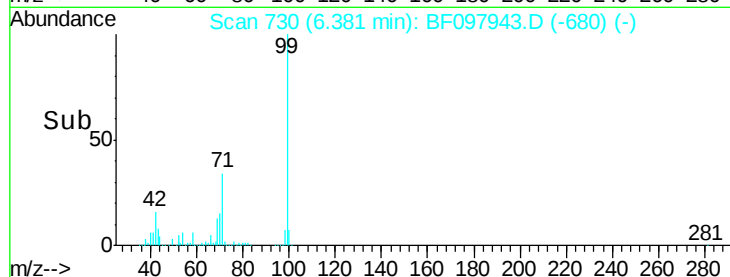
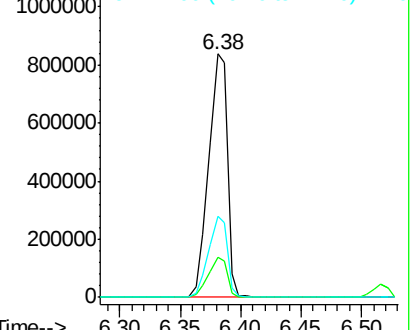
71 33.5 24.5 36.7



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: 2.362 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF097943.D

Acq: 22 Aug 2017 9:25

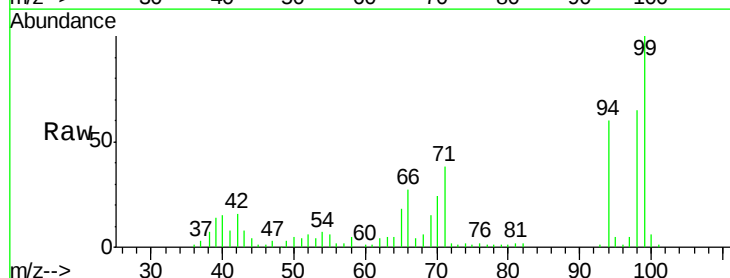
Tgt Ion: 94 Resp: 28835

Ion Ratio Lower Upper

94 100

65 29.3 9.9 49.9

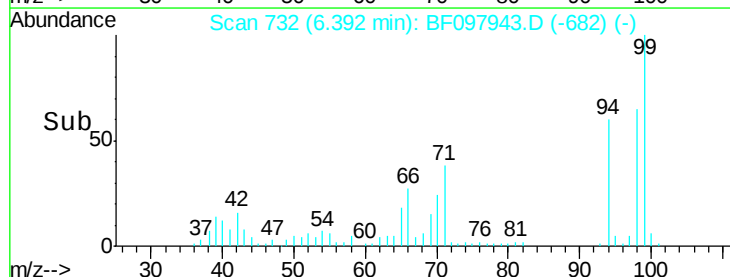
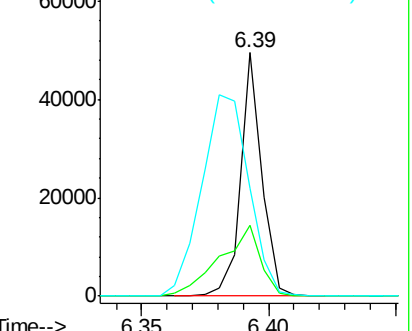
66 44.4 23.1 63.1

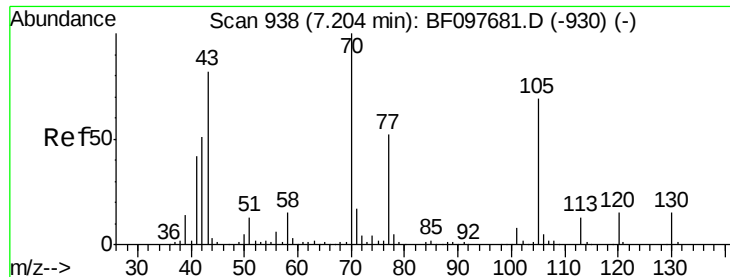


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

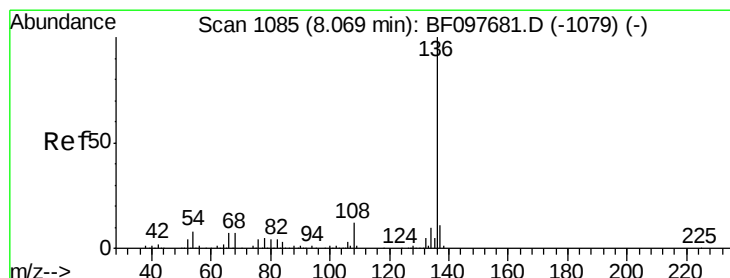
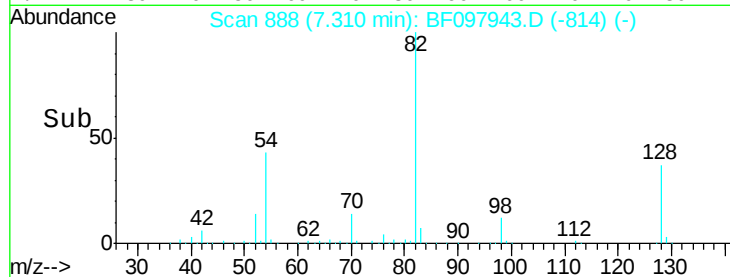
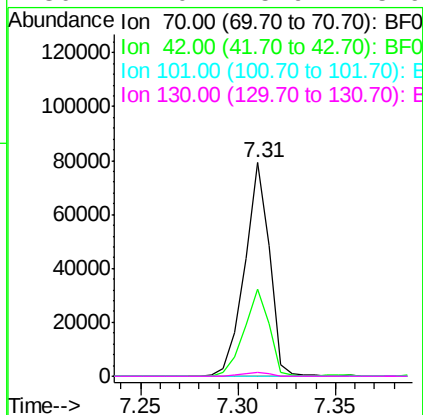
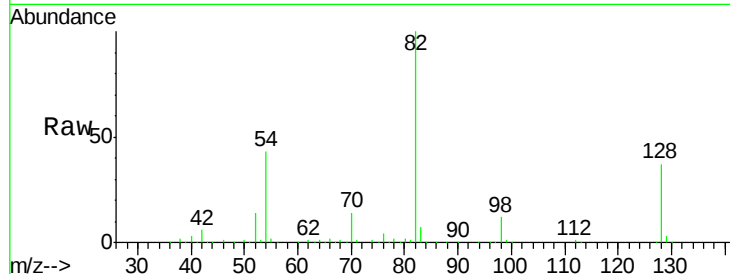




#19
n-Nitroso-di-n-propylamine
Concen: 9.702 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.14 min
Lab File: BF097943.D
Acq: 22 Aug 2017 9:25

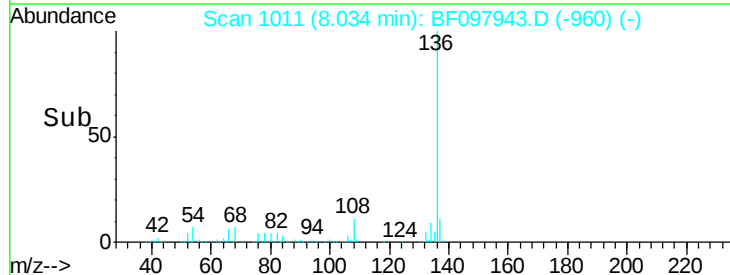
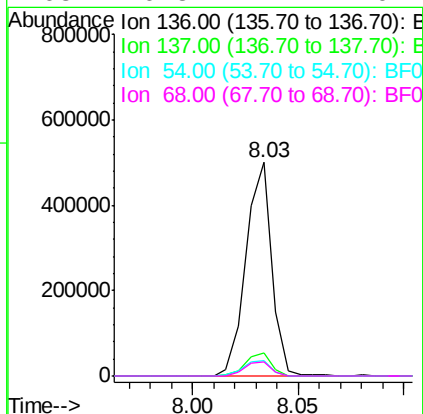
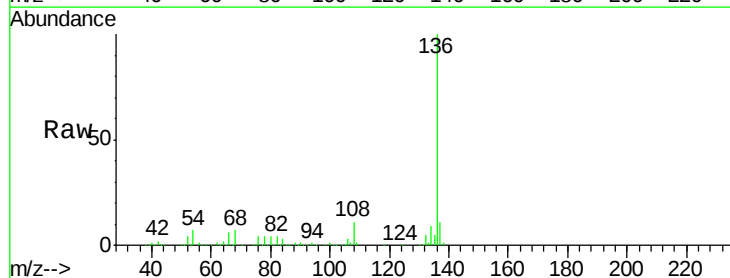
Instrument :
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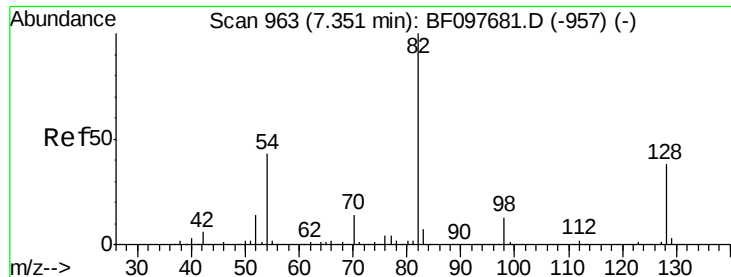
Tgt Ion: 70 Resp: 69322
Ion Ratio Lower Upper
70 100
42 41.0 47.2 70.8#
101 0.0 7.2 10.8#
130 2.0 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BF097943.D
Acq: 22 Aug 2017 9:25

Tgt Ion: 136 Resp: 425567
Ion Ratio Lower Upper
136 100
137 10.6 8.5 12.7
54 7.1 4.9 7.3
68 6.8 4.1 6.1#

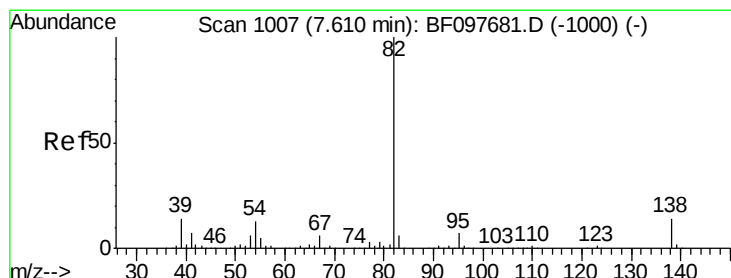
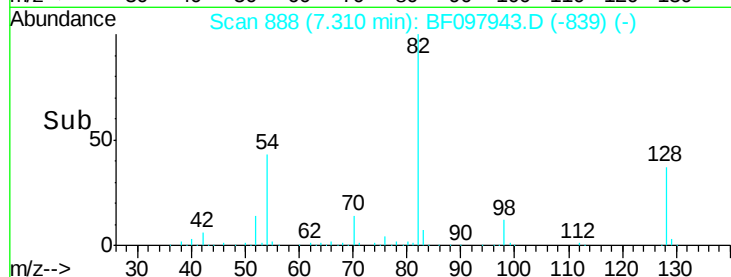
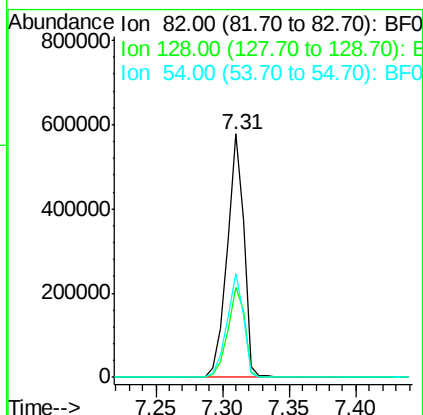
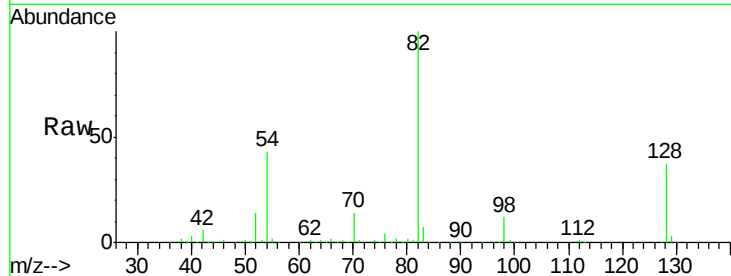




#23
 Nitrobenzene-d5
 Concen: 65.786 ng
 RT: 7.31 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BF097943.D
 Acq: 22 Aug 2017 9:25

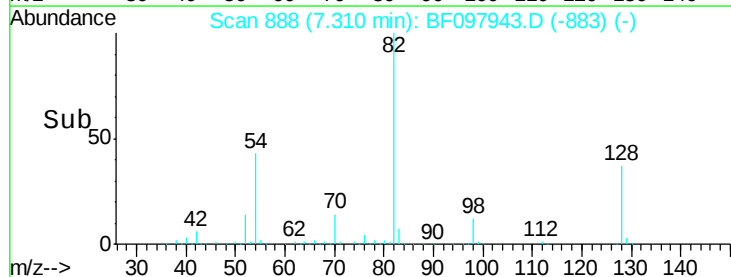
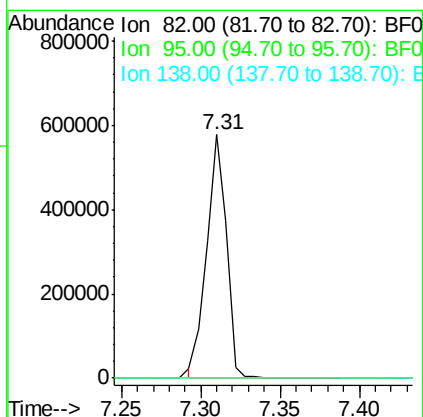
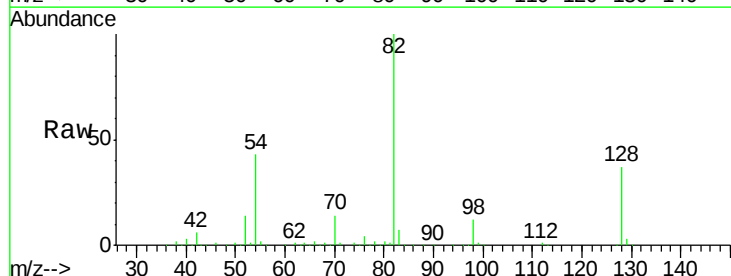
Instrument :
 BNA_F
 ClientSampleId :
 SB-20-COMP

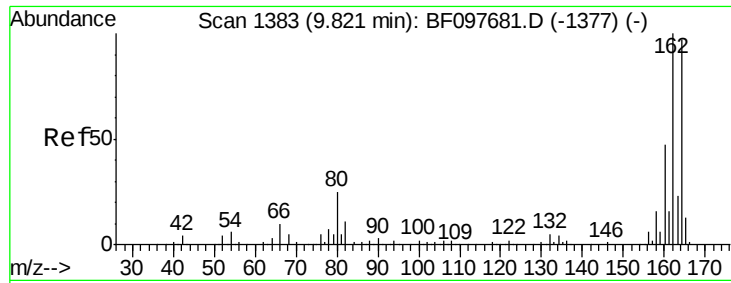
Tgt Ion	Ratio	Lower	Upper
82	100		
128	36.9	34.0	51.0
54	42.8	42.2	63.2



#25
 Isophorone
 Concen: 30.963 ng
 RT: 7.31 min Scan# 888
 Delta R.T. -0.27 min
 Lab File: BF097943.D
 Acq: 22 Aug 2017 9:25

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

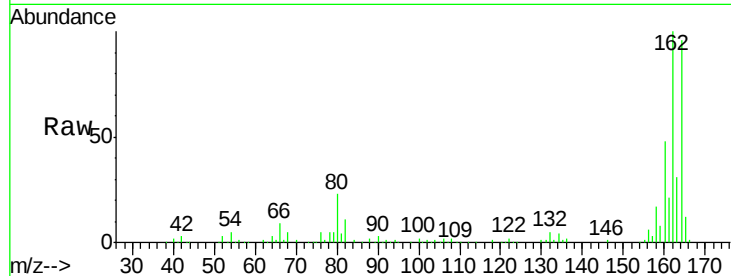




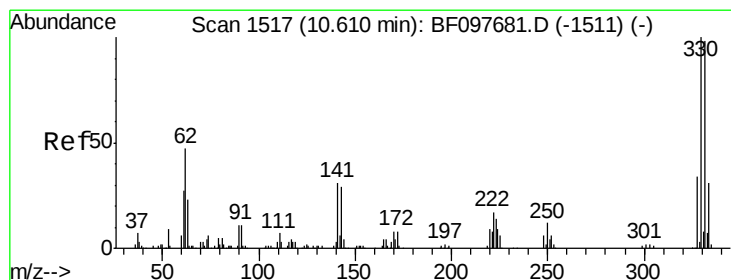
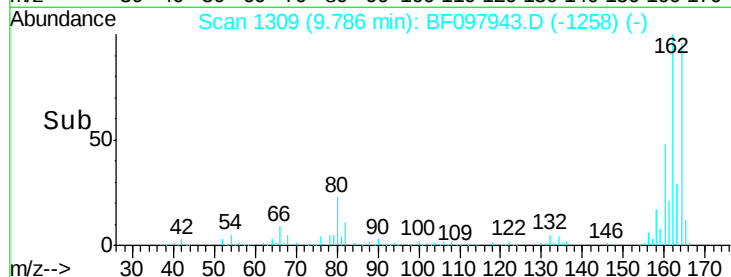
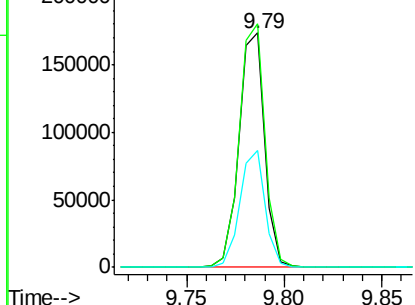
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.79 min Scan# 1309
 Delta R.T. 0.00 min
 Lab File: BF097943.D
 Acq: 22 Aug 2017 9:25

Instrument :
 BNA_F
 ClientSampleId :
 SB-20-COMP

Tgt Ion:164 Resp: 157723
 Ion Ratio Lower Upper
 164 100
 162 103.9 82.6 123.8
 160 49.8 36.2 54.2

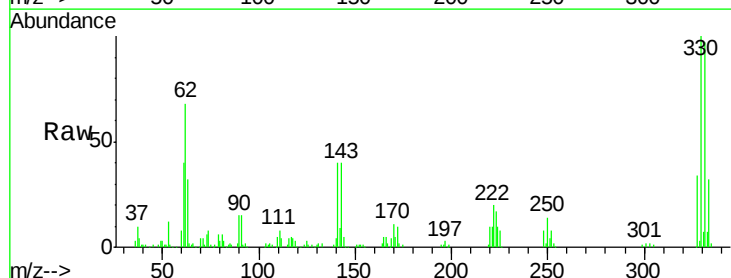


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

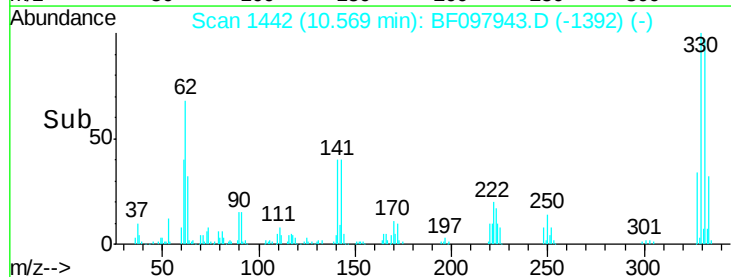
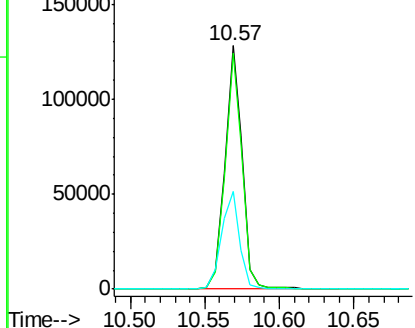


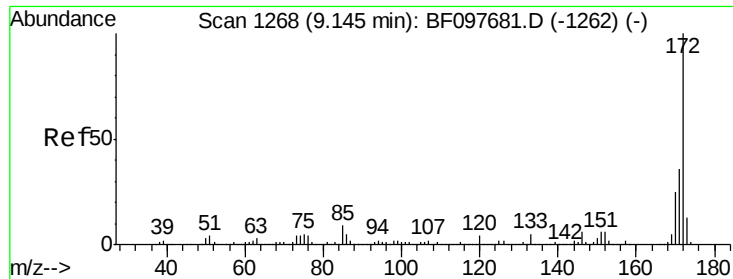
#41
 2,4,6-Tribromophenol
 Concen: 76.961 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF097943.D
 Acq: 22 Aug 2017 9:25

Tgt Ion:330 Resp: 105321
 Ion Ratio Lower Upper
 330 100
 332 96.1 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

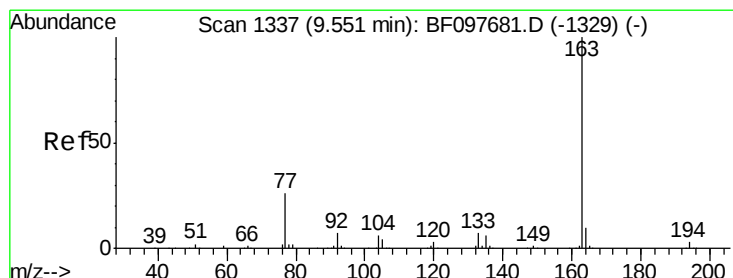
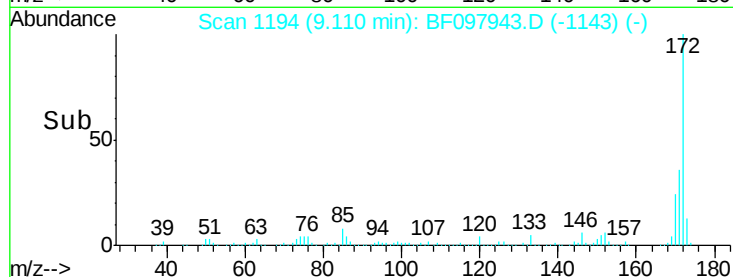
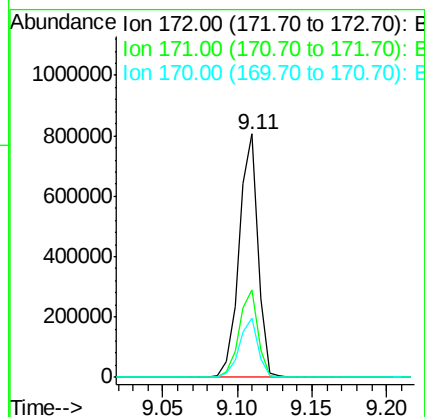
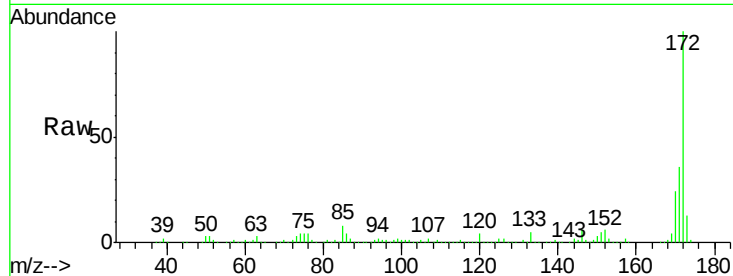




#44
 2-Fluorobiphenyl
 Concen: 66.987 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: BF097943.D
 Acq: 22 Aug 2017 9:25

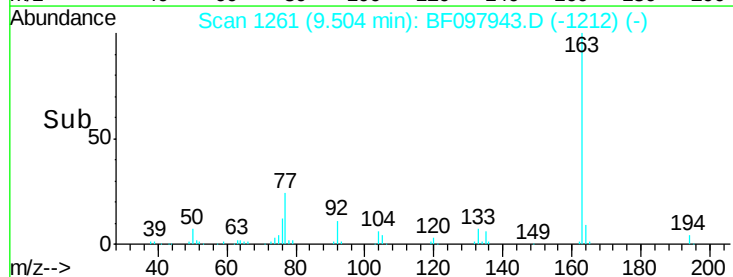
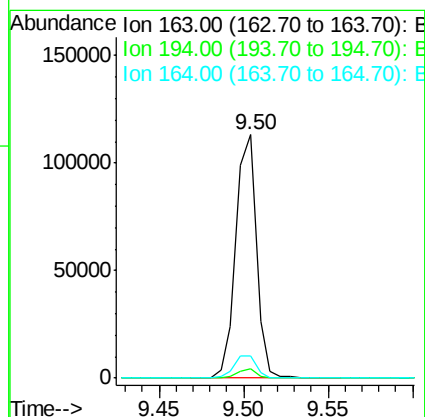
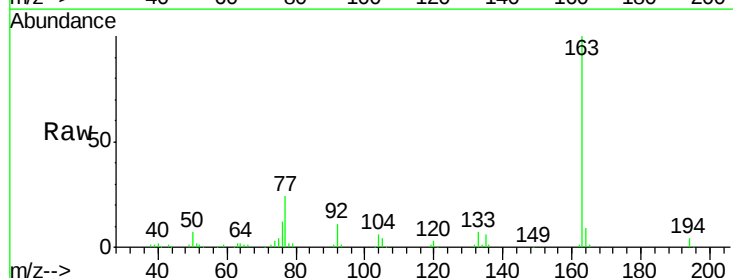
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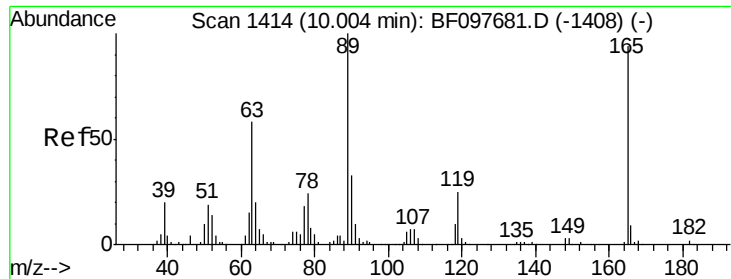
Tgt Ion:172 Resp: 719124
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.6 44.4
 170 24.4 19.8 29.8



#49
 Dimethylphthalate
 Concen: 8.339 ng
 RT: 9.50 min Scan# 1261
 Delta R.T. -0.01 min
 Lab File: BF097943.D
 Acq: 22 Aug 2017 9:25

Tgt Ion:163 Resp: 96136
 Ion Ratio Lower Upper
 163 100
 194 3.8 2.6 4.0
 164 8.9 8.4 12.6

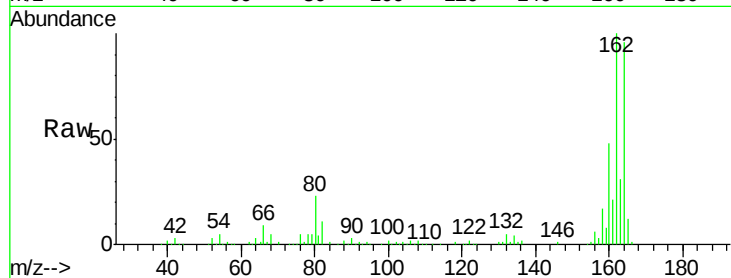




#56
 2,4-Dinitrotoluene
 Concen: 6.968 ng
 RT: 9.79 min Scan# 1309
 Delta R.T. -0.19 min
 Lab File: BF097943.D
 Acq: 22 Aug 2017 9:25

Instrument :
 BNA_F
 ClientSampleId :
 SB-20-COMP

Tgt Ion:	165	Resp:	20124
Ion	Ratio	Lower	Upper
165	100		
63	2.0	25.4	38.0#
89	2.4	46.4	69.6#
182	0.0	1.8	2.6#

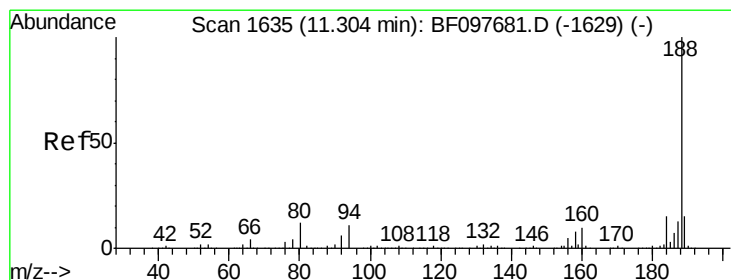
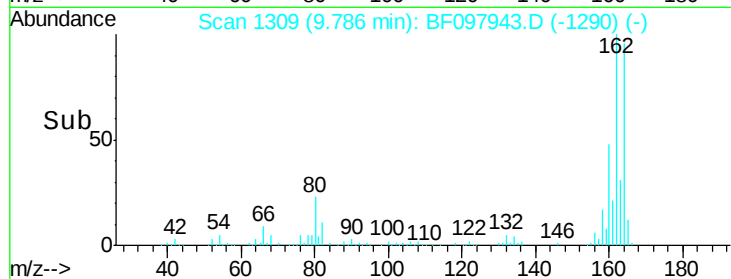
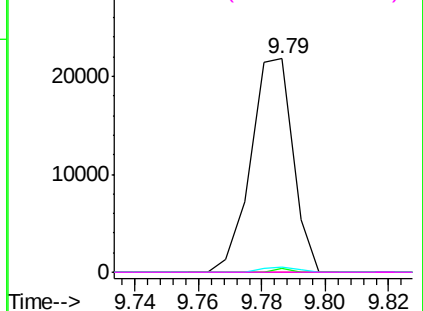


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

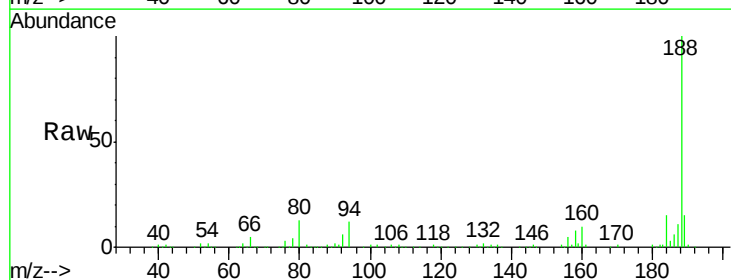
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.26 min Scan# 1560
 Delta R.T. 0.00 min
 Lab File: BF097943.D
 Acq: 22 Aug 2017 9:25

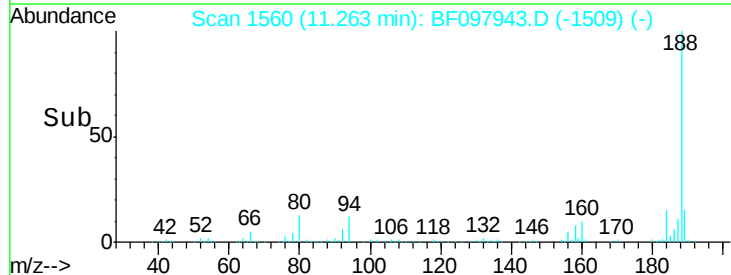
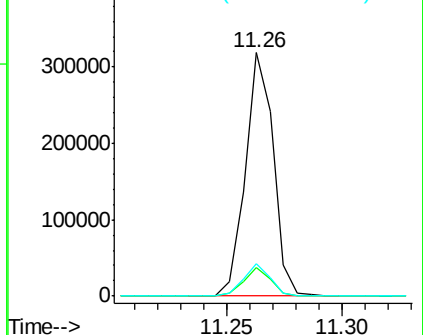
Tgt Ion:	188	Resp:	269605
Ion	Ratio	Lower	Upper
188	100		
94	11.7	9.4	14.2
80	13.3	10.2	15.2

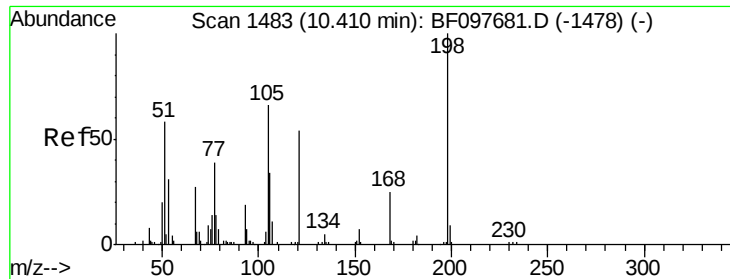


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

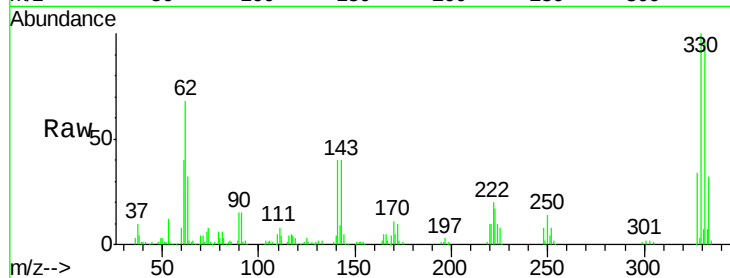




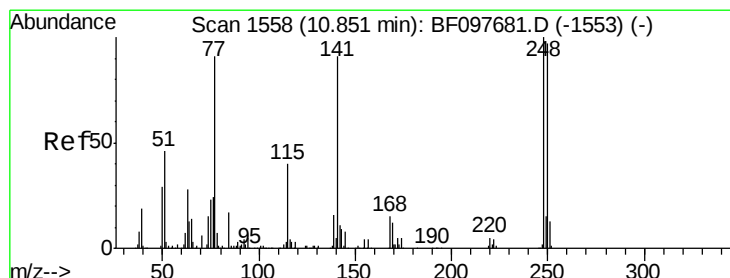
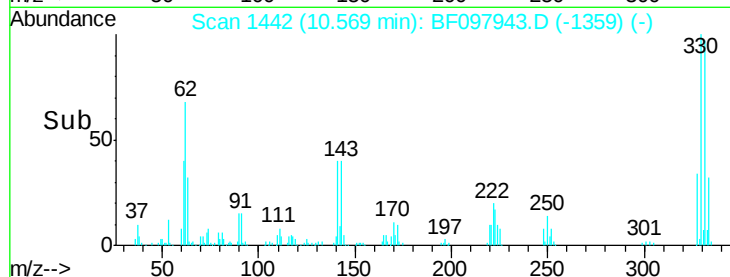
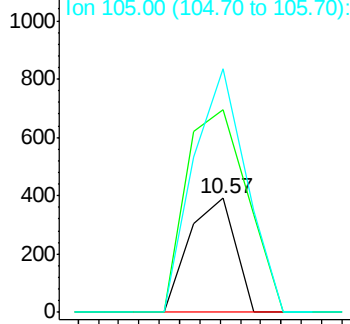
#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.480 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. 0.19 min
 Lab File: BF097943.D
 Acq: 22 Aug 2017 9:25

Instrument :
 BNA_F
 ClientSampleId :
 SB-20-COMP

Tgt Ion:198 Resp: 245
 Ion Ratio Lower Upper
 198 100
 51 178.3 53.2 93.2#
 105 213.6 45.8 85.8#

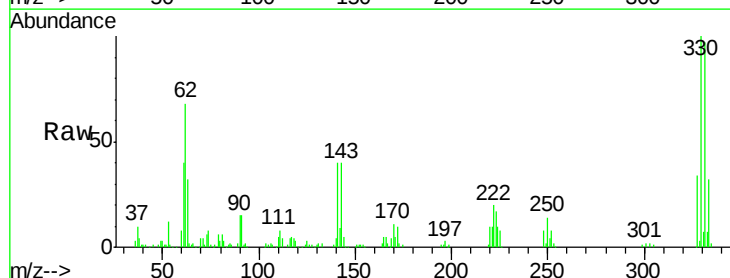


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

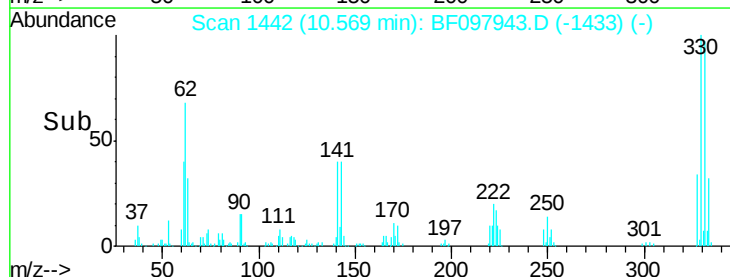
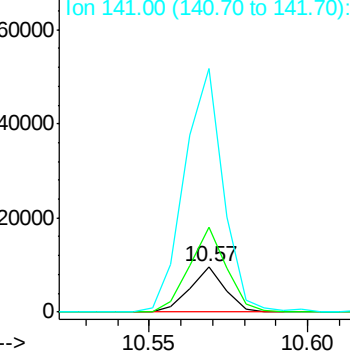


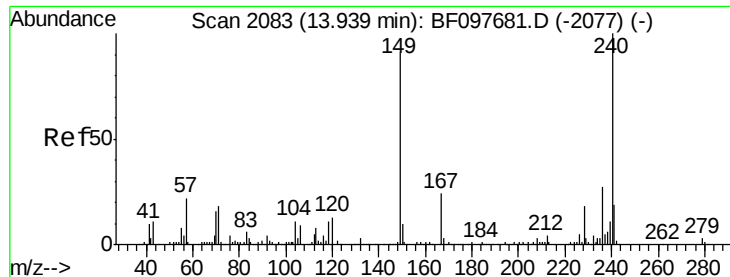
#66
 4-Bromophenyl-phenylether
 Concen: 2.631 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.25 min
 Lab File: BF097943.D
 Acq: 22 Aug 2017 9:25

Tgt Ion:248 Resp: 7367
 Ion Ratio Lower Upper
 248 100
 250 186.7 76.8 115.2#
 141 532.3 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: BF097943.D

Acq: 22 Aug 2017 9:25

Instrument :

BNA_F

ClientSampleId :

SB-20-COMP

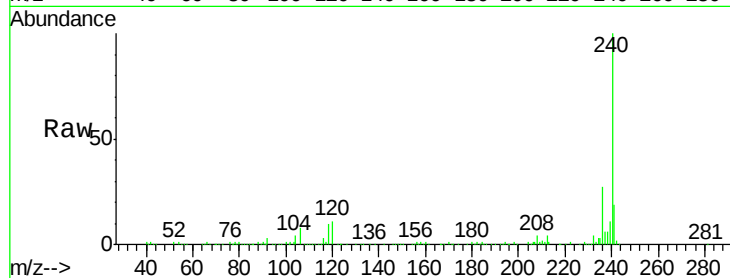
Tgt Ion:240 Resp: 230599

Ion Ratio Lower Upper

240 100

120 11.4 5.8 8.8#

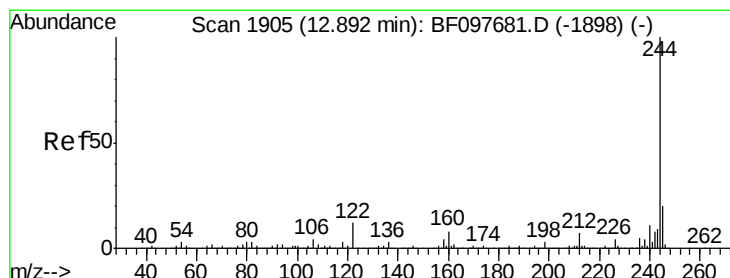
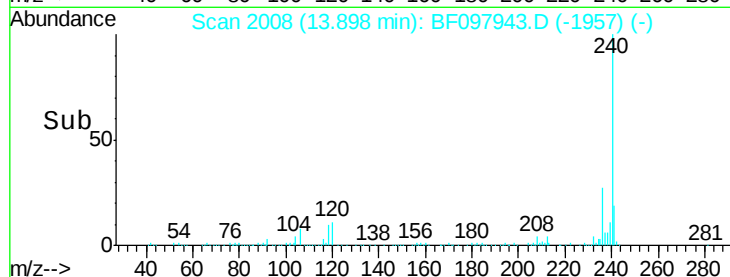
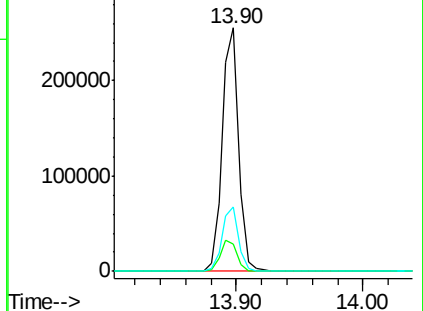
236 26.5 20.5 30.7



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: 46.118 ng

RT: 12.85 min Scan# 1830

Delta R.T. 0.00 min

Lab File: BF097943.D

Acq: 22 Aug 2017 9:25

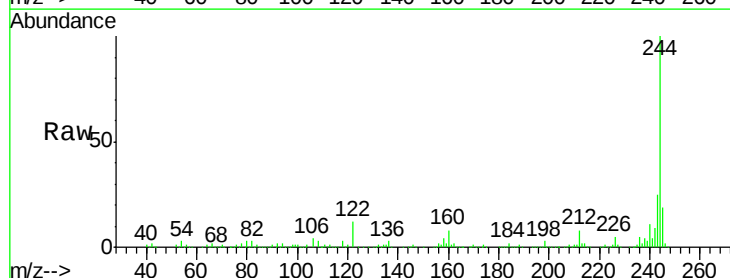
Tgt Ion:244 Resp: 509984

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

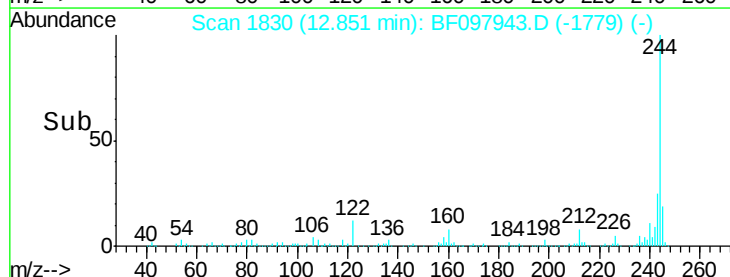
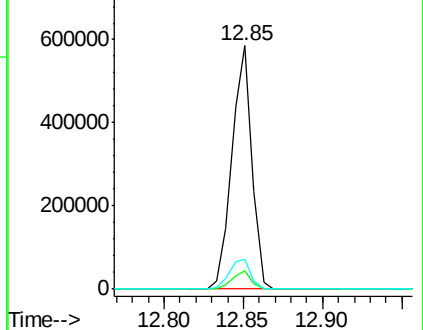
122 12.5 10.3 15.5

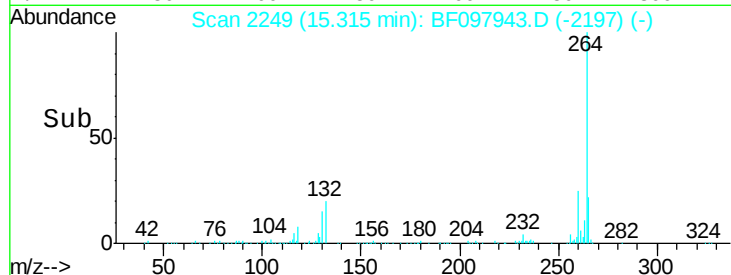
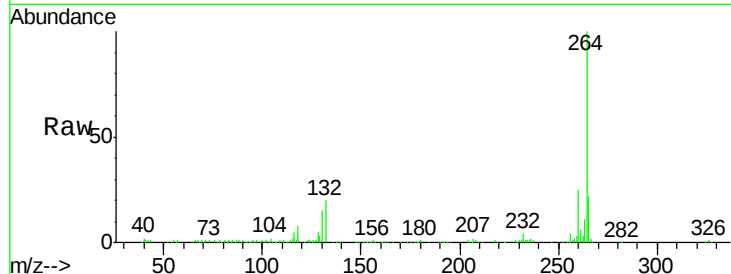
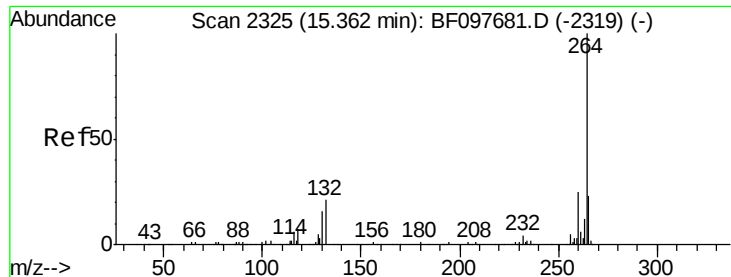


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF097943.D
Acq: 22 Aug 2017 9:25

Instrument :
BNA_F
ClientSampleId :
SB-20-COMP

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.4	19.5	29.3
265	21.9	17.2	25.8

