

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091217\
 Data File : BF098459.D
 Acq On : 12 Sep 2017 19:23
 Operator : SJ/JU
 Sample : I5158-01 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-090717

Quant Time: Sep 13 00:59:29 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

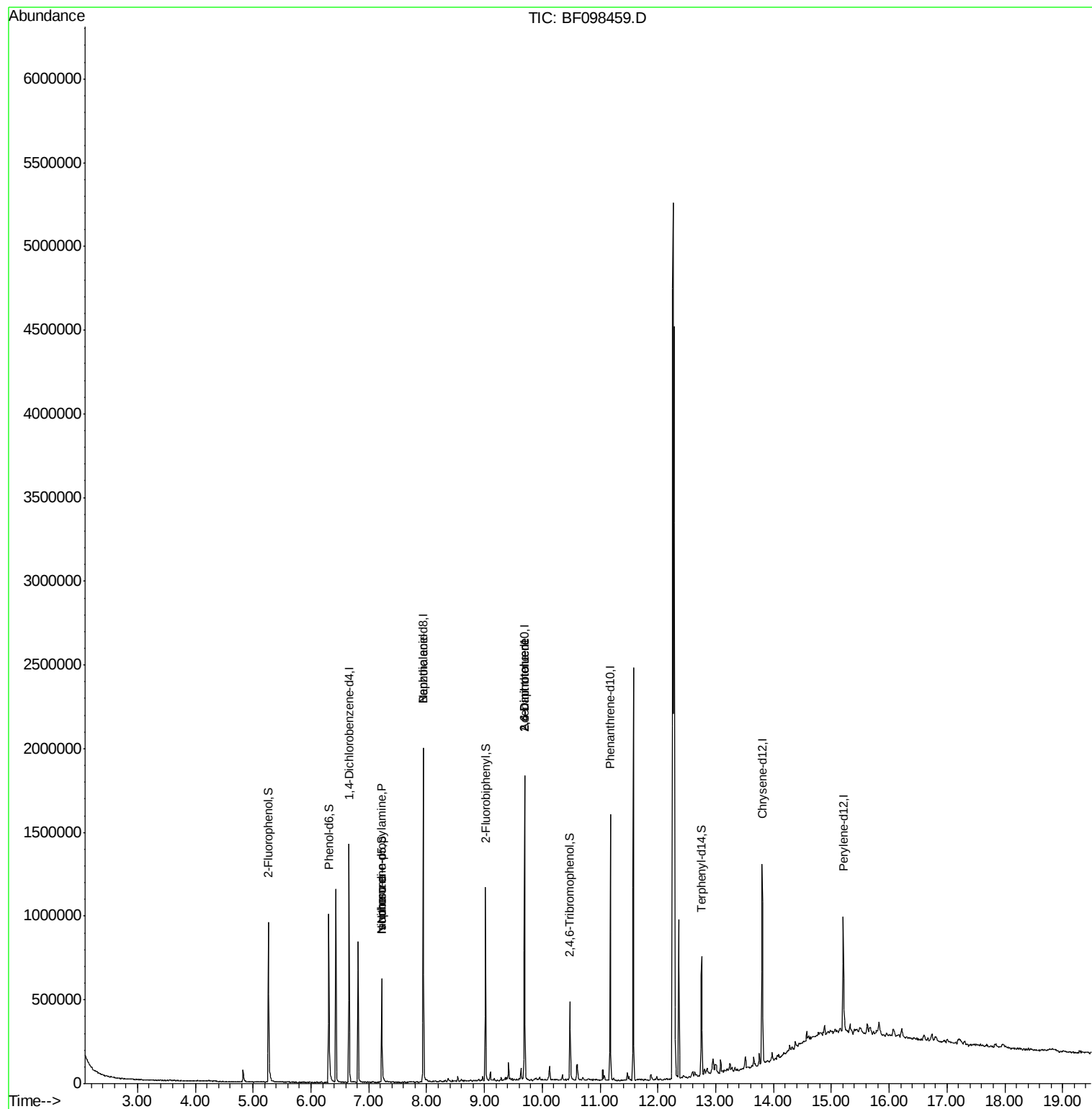
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	199052	20.00	ng	-0.01
21) Naphthalene-d8	7.95	136	800195	20.00	ng	0.00
38) Acenaphthene-d10	9.69	164	319971	20.00	ng	-0.01
63) Phenanthrene-d10	11.17	188	498472	20.00	ng	-0.01
75) Chrysene-d12	13.80	240	374468	20.00	ng	-0.01
86) Perylene-d12	15.20	264	283543	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	295708	21.96	ng	-0.01
7) Phenol-d6	6.30	99	368130	21.54	ng	-0.02
23) Nitrobenzene-d5	7.23	82	204044	14.22	ng	-0.01
41) 2,4,6-Tribromophenol	10.48	330	41658	19.51	ng	-0.01
44) 2-Fluorobiphenyl	9.02	172	326172	17.28	ng	-0.02
78) Terphenyl-d14	12.76	244	197885	11.41	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.23	70	27419	2.550	ng	# 79
25) Isophorone	7.23	82	198739	6.843	ng	# 67
32) Benzoic acid	7.95	122	151	7.984	ng	# 1
50) 2,6-Dinitrotoluene	9.69	165	41967	8.249	ng	# 34
56) 2,4-Dinitrotoluene	9.69	165	41967	6.785	ng	# 33

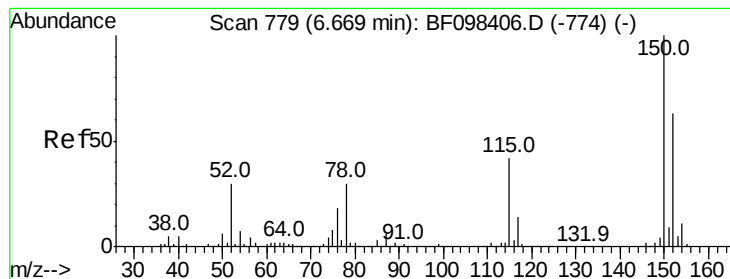
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091217\
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Misc :
ALS Vial : 14 Sample Multiplier: 1

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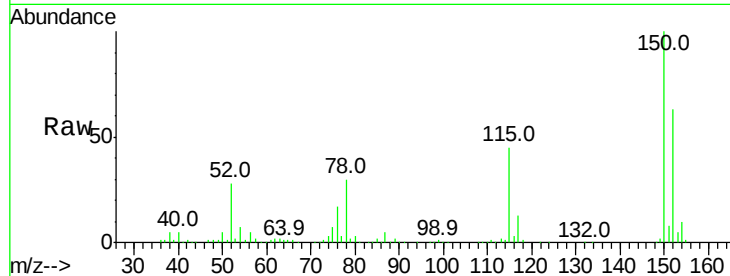


#1

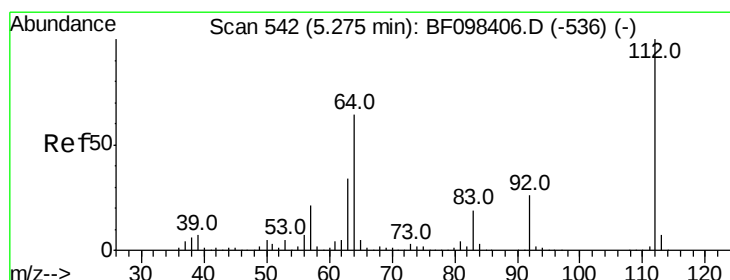
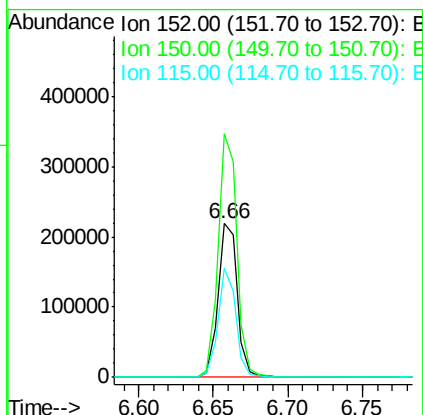
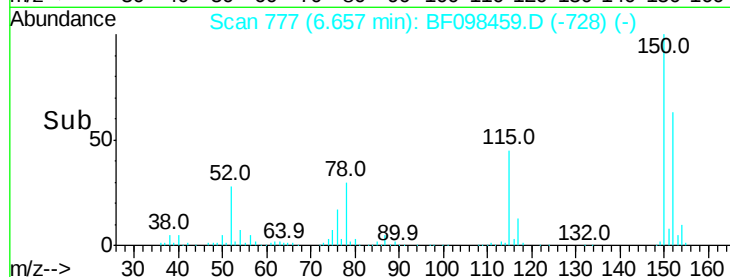
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.66 min Scan# 777
 Delta R.T. -0.01 min
 Lab File: BF098459.D
 Acq: 12 Sep 2017 19:23

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-090717

Tot Ion:152 Resp: 199052
 Ion Ratio Lower Upper
 152 100
 150 158.3 126.2 189.2
 115 71.0 52.2 78.2



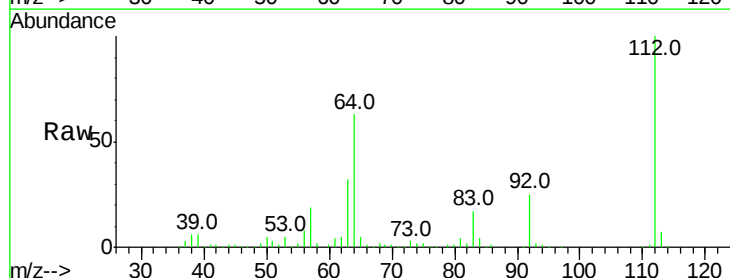
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



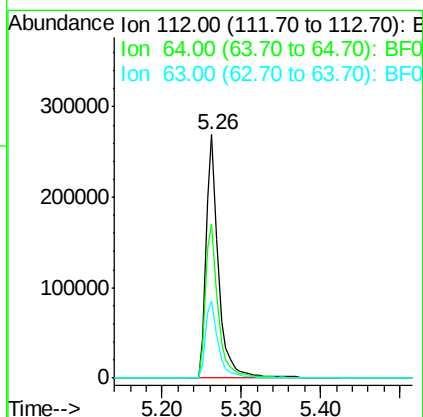
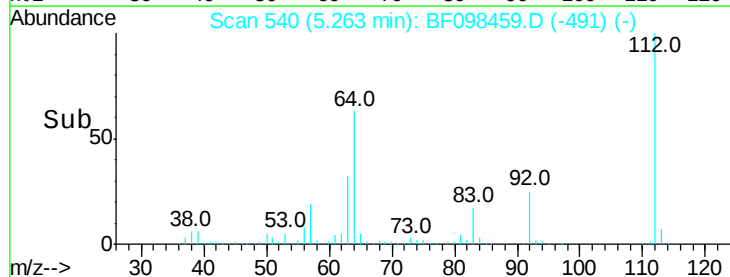
#5

2-Fluorophenol
 Concen: 21.965 ng
 RT: 5.26 min Scan# 540
 Delta R.T. -0.01 min
 Lab File: BF098459.D
 Acq: 12 Sep 2017 19:23

Tgt Ion:112 Resp: 295708
 Ion Ratio Lower Upper
 112 100
 64 63.4 46.0 69.0
 63 31.7 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: 21.536 ng

RT: 6.30 min Scan# 717

Delta R.T. -0.02 min

Lab File: BF098459.D

Acq: 12 Sep 2017 19:23

Instrument :

BNA_F

ClientSampleId :

BU-02-090717

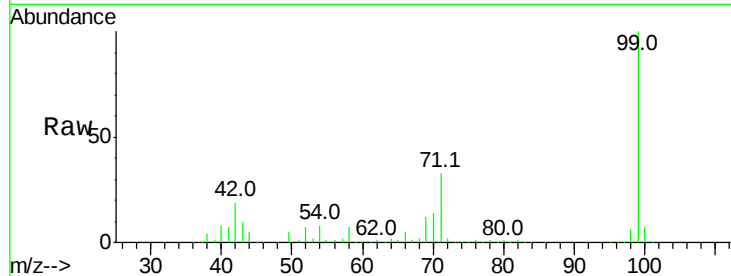
Tot Ion: 99 Resp: 368130

Ion Ratio Lower Upper

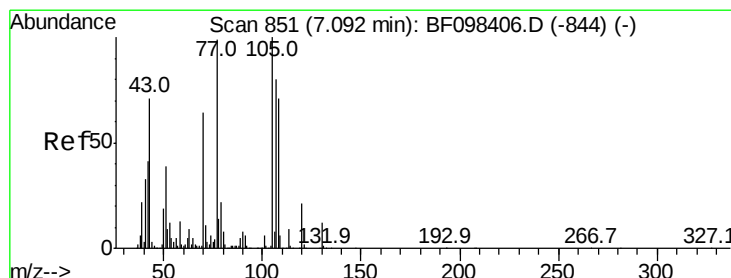
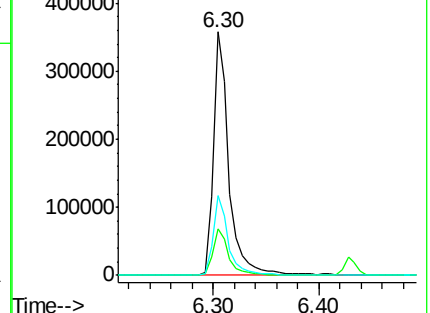
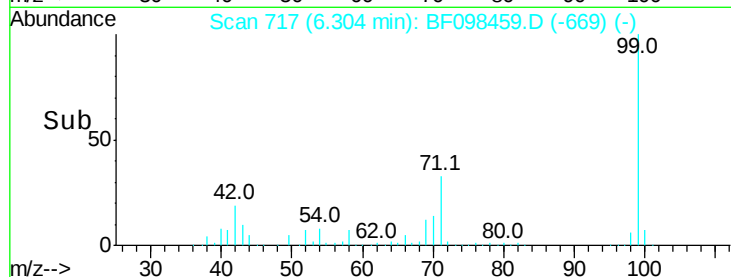
99 100

42 19.0 13.5 20.3

71 32.5 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



#19

n-Nitroso-di-n-propylamine

Concen: 2.550 ng

RT: 7.23 min Scan# 874

Delta R.T. 0.14 min

Lab File: BF098459.D

Acq: 12 Sep 2017 19:23

Tgt Ion: 70 Resp: 27419

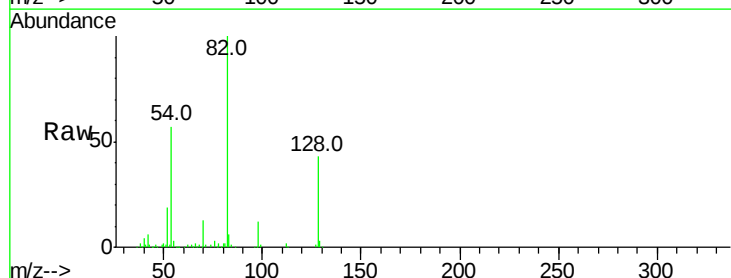
Ion Ratio Lower Upper

70 100

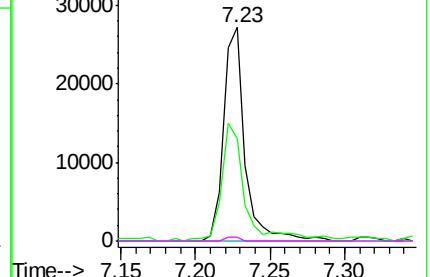
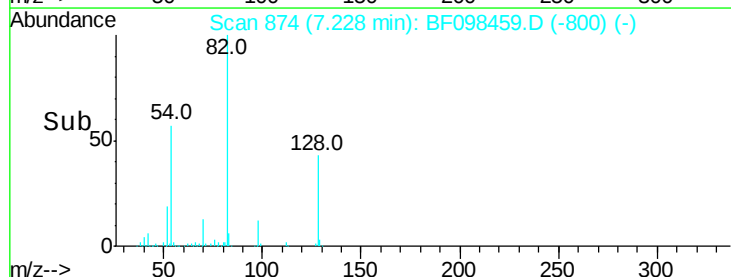
42 48.1 47.2 70.8

101 0.0 7.2 10.8#

130 1.8 15.9 23.9#



Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): BF0
Ion 130.00 (129.70 to 130.70): BF0

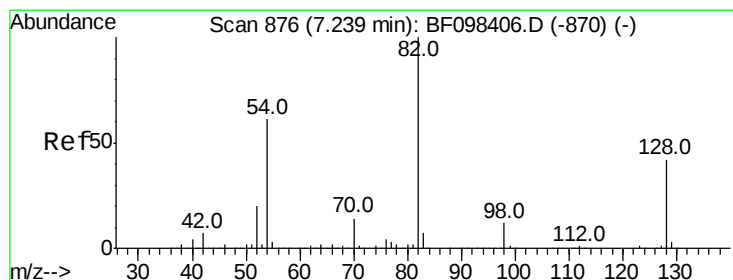
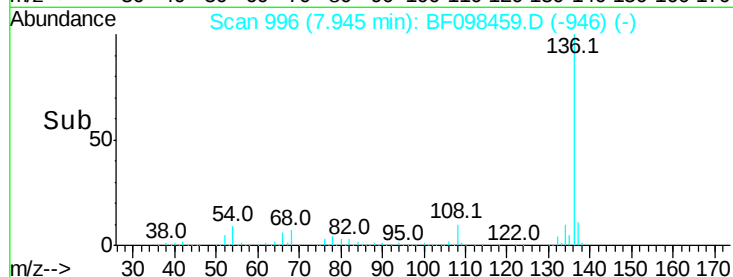
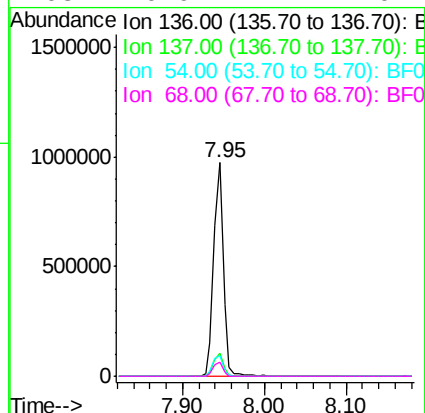
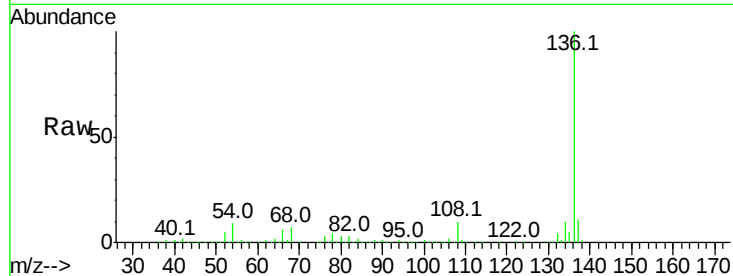




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF098459.D
Acq: 12 Sep 2017 19:23

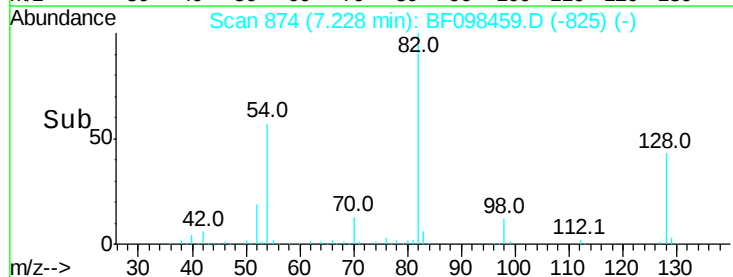
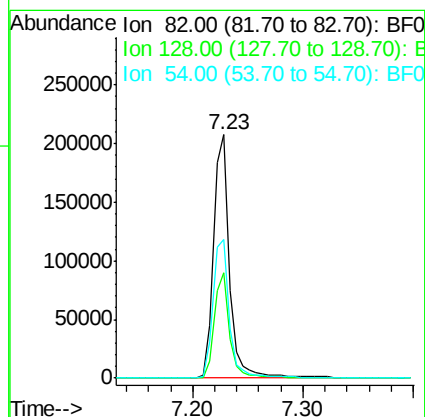
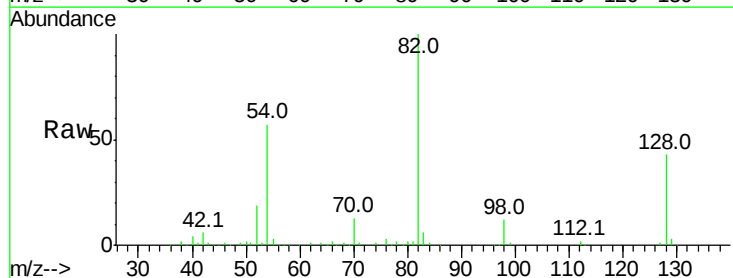
Instrument :
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ClientSampleId :
BU-02-090717

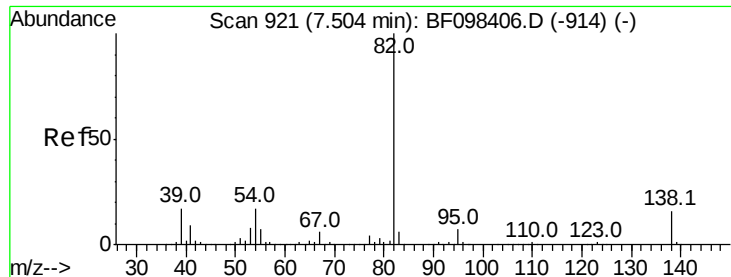
Tot Ion:	136	Resp:	800195
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	9.4	4.9	7.3#
68	6.9	4.1	6.1#



#23
Nitrobenzene-d5
Concen: 14.216 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF098459.D
Acq: 12 Sep 2017 19:23

Tgt Ion:	82	Resp:	204044
Ion	Ratio	Lower	Upper
82	100		
128	43.4	34.0	51.0
54	56.9	42.2	63.2





#25

Isophorone

Concen: 6.843 ng

RT: 7.23 min Scan# 874

Delta R.T. -0.28 min

Lab File: BF098459.D

Acq: 12 Sep 2017 19:23

Instrument :

BNA_F

ClientSampleId :

BU-02-090717

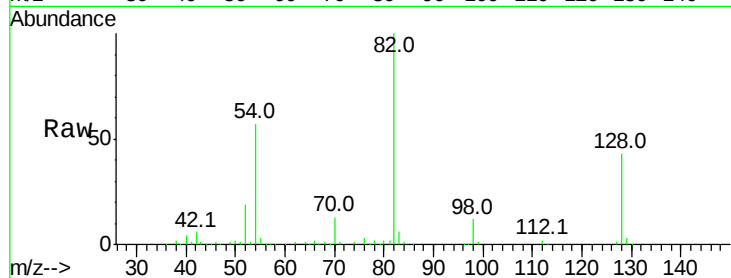
Tot Ion: 82 Resp: 198739

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

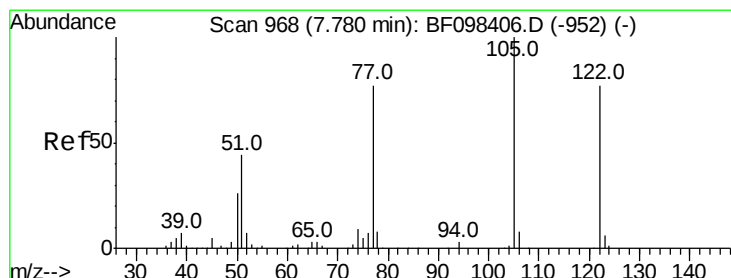
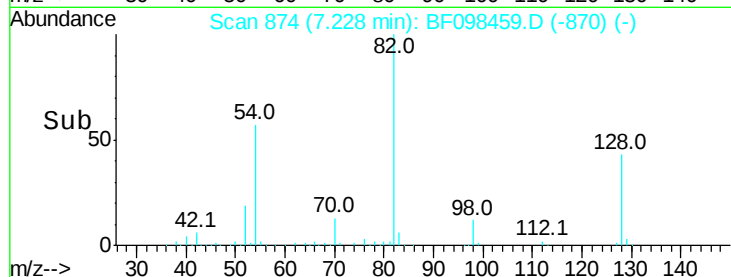
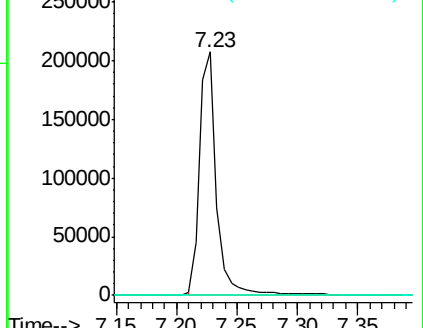
138 0.0 13.1 19.7#



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



#32

Benzoic acid

Concen: 7.984 ng

RT: 7.95 min Scan# 996

Delta R.T. 0.17 min

Lab File: BF098459.D

Acq: 12 Sep 2017 19:23

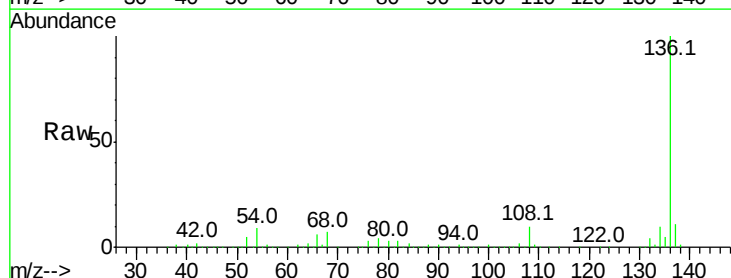
Tgt Ion: 122 Resp: 151

Ion Ratio Lower Upper

122 100

105 216.9 103.3 143.3#

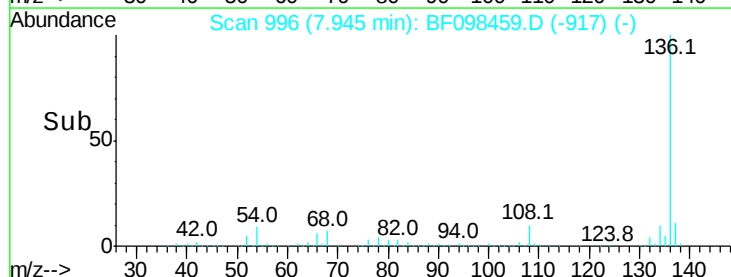
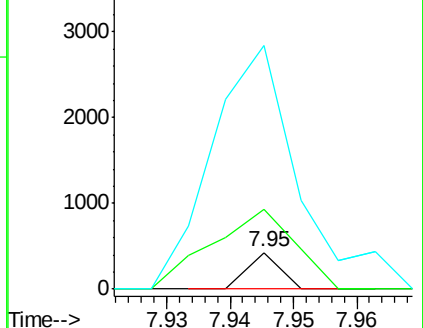
77 664.9 73.7 113.7#

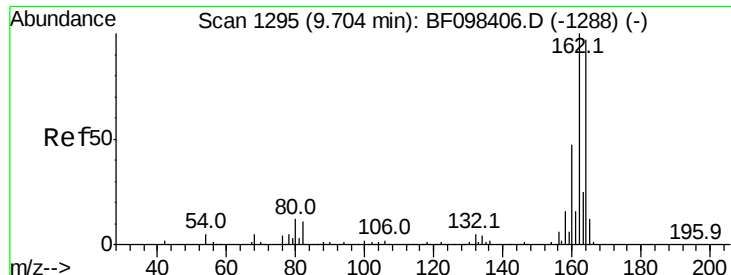


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

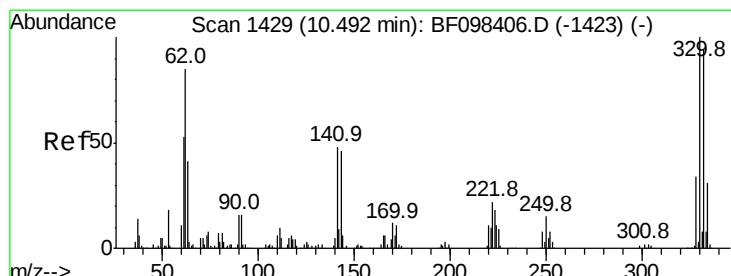
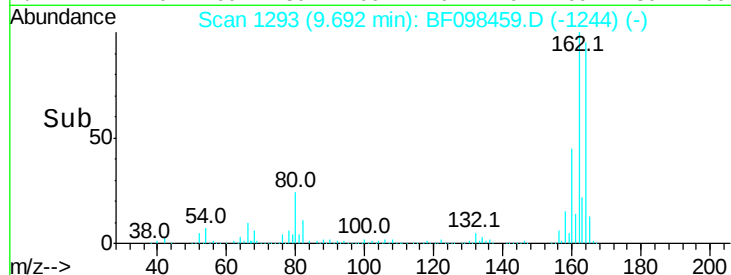
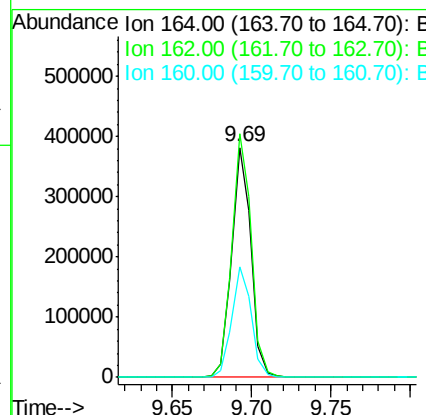
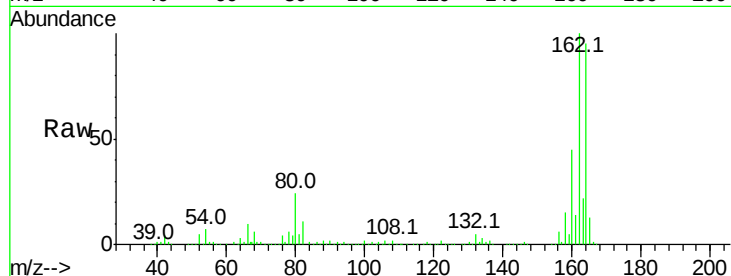




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF098459.D
Acq: 12 Sep 2017 19:23

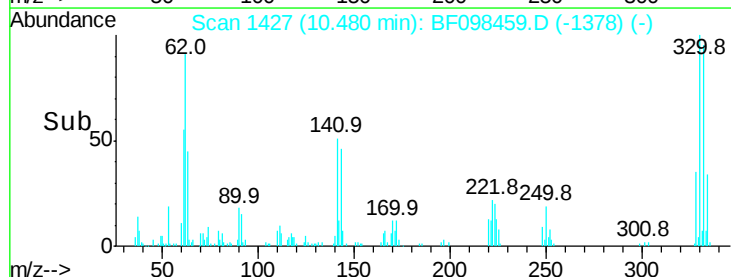
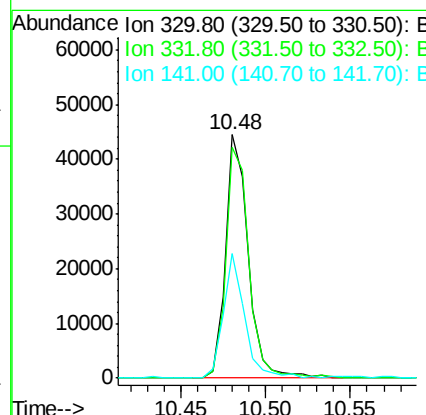
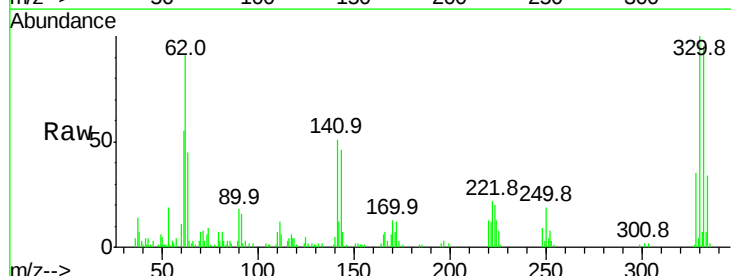
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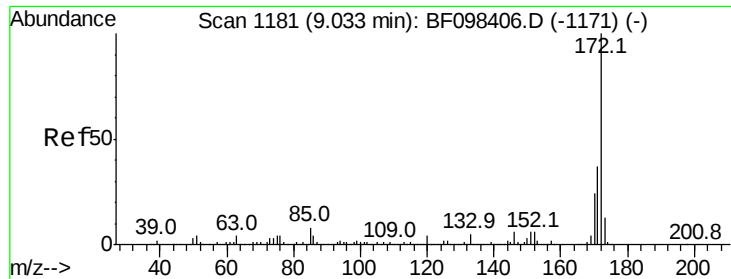
Tot Ion:164 Resp: 319971
Ion Ratio Lower Upper
164 100
162 105.8 82.6 123.8
160 47.8 36.2 54.2



#41
2,4,6-Tribromophenol
Concen: 19.507 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF098459.D
Acq: 12 Sep 2017 19:23

Tgt Ion:330 Resp: 41658
Ion Ratio Lower Upper
330 100
332 97.1 76.6 115.0
141 48.6 31.4 47.2#

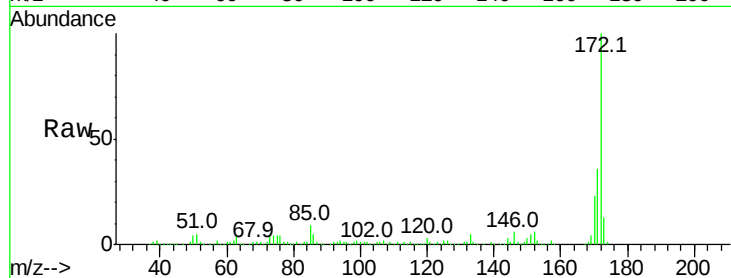




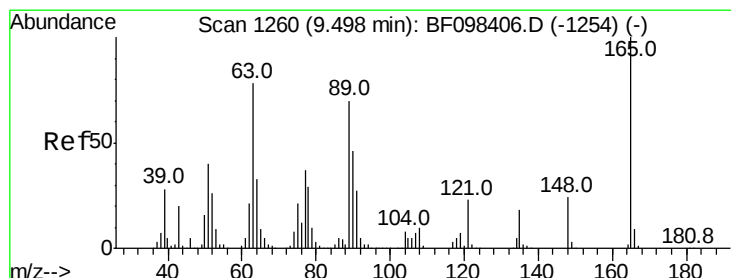
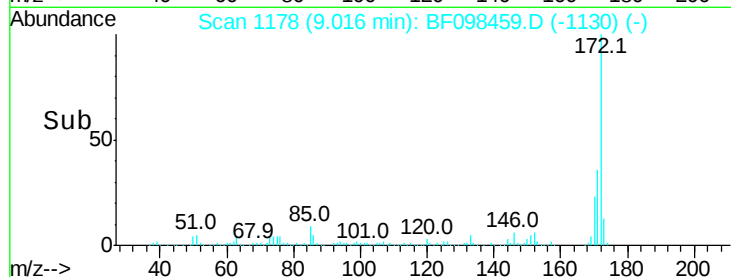
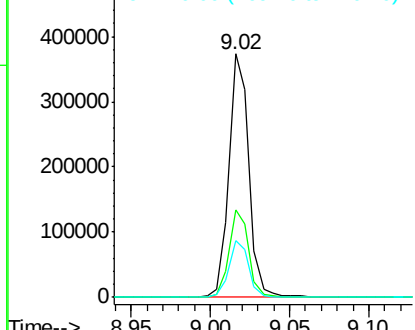
#44
 2-Fluorobiphenyl
 Concen: 17.278 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.02 min
 Lab File: BF098459.D
 Acq: 12 Sep 2017 19:23

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-090717

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	23.4	19.8	29.8

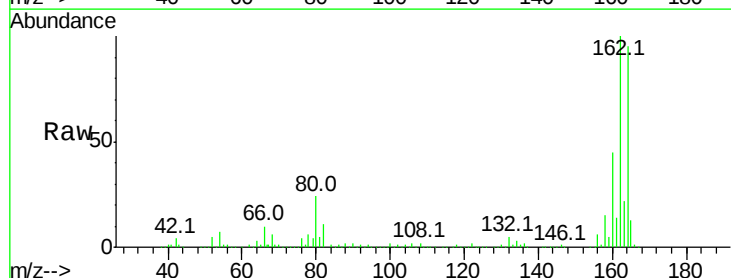


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

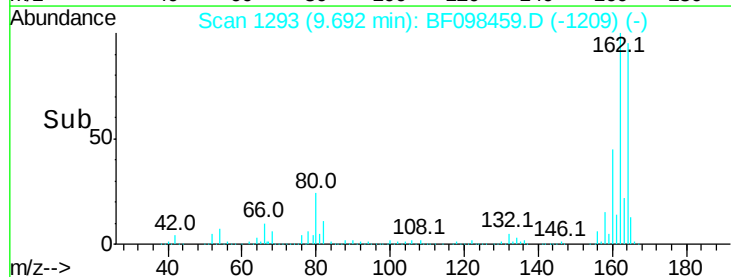
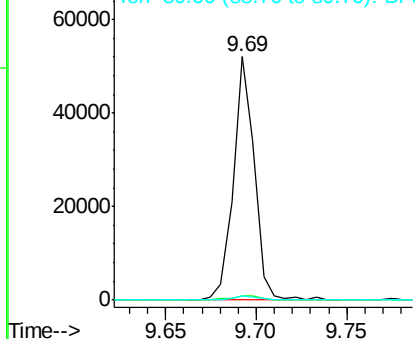


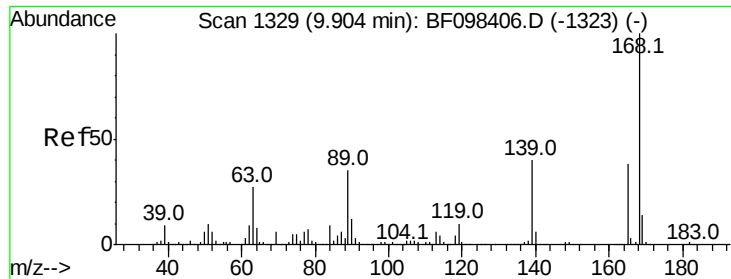
#50
 2,6-Dinitrotoluene
 Concen: 8.249 ng
 RT: 9.69 min Scan# 1293
 Delta R.T. 0.19 min
 Lab File: BF098459.D
 Acq: 12 Sep 2017 19:23

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	34.3	51.5#
89	1.8	37.1	55.7#



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

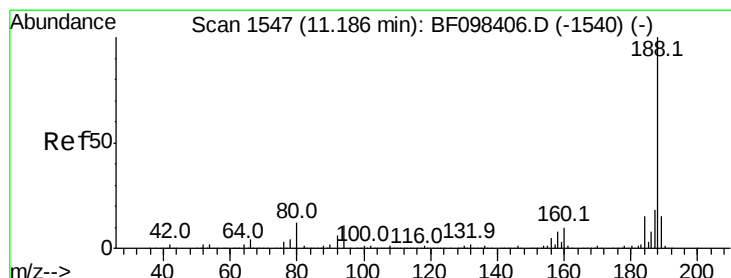
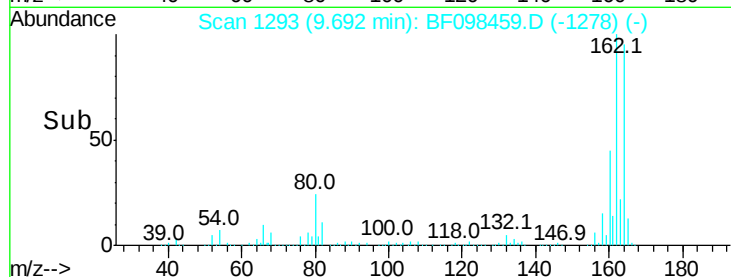
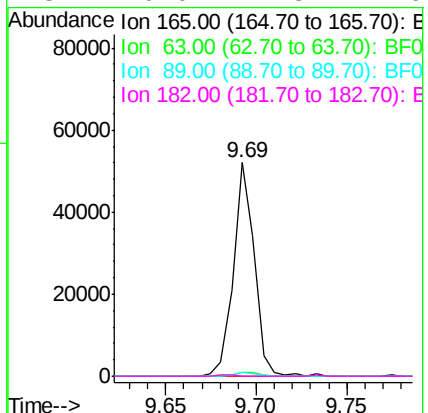
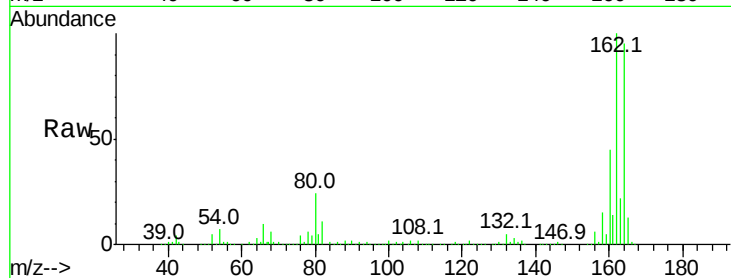




#56
 2,4-Dinitrotoluene
 Concen: 6.785 ng
 RT: 9.69 min Scan# 1293
 Delta R.T. -0.21 min
 Lab File: BF098459.D
 Acq: 12 Sep 2017 19:23

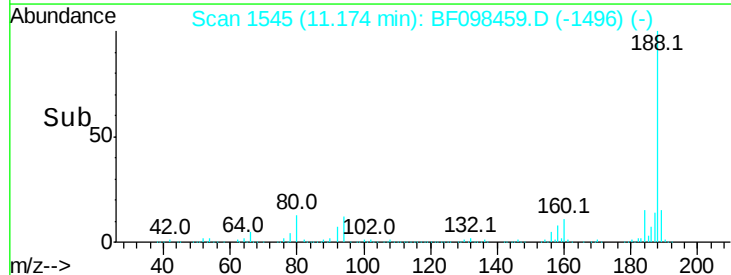
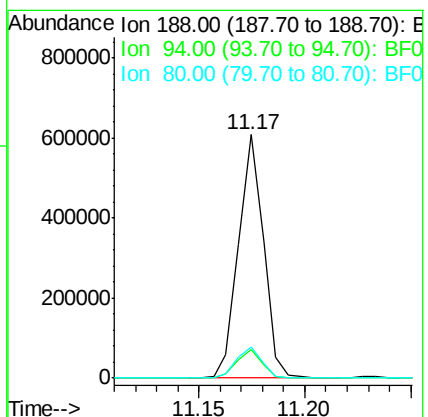
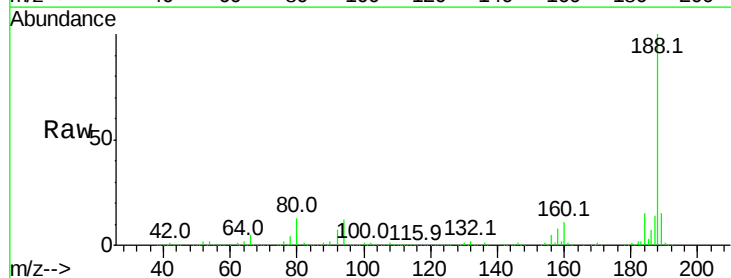
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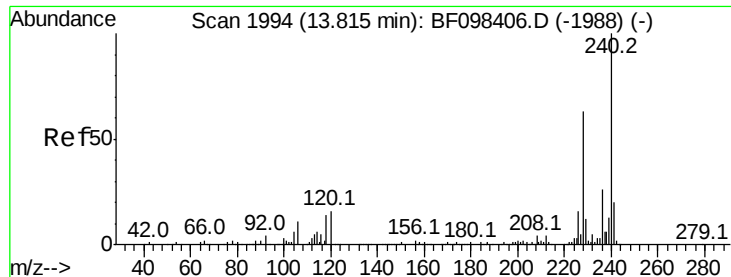
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.7	25.4	38.0#
89	1.8	46.4	69.6#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.17 min Scan# 1545
 Delta R.T. -0.01 min
 Lab File: BF098459.D
 Acq: 12 Sep 2017 19:23

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.6	9.4	14.2
80	12.9	10.2	15.2





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.80 min Scan# 1992

Delta R.T. -0.01 min

Lab File: BF098459.D

Acq: 12 Sep 2017 19:23

Instrument :

BNA_F

ClientSampleId :

BU-02-090717

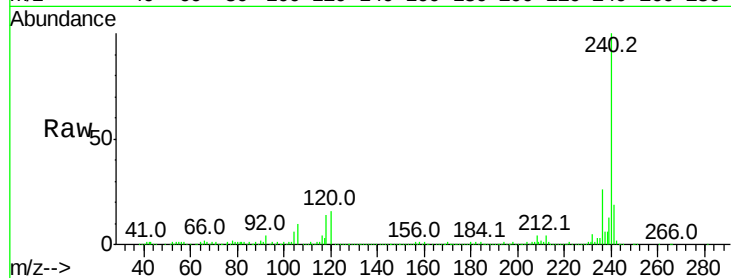
Tot Ion:240 Resp: 374468

Ion Ratio Lower Upper

240 100

120 15.5 5.8 8.8#

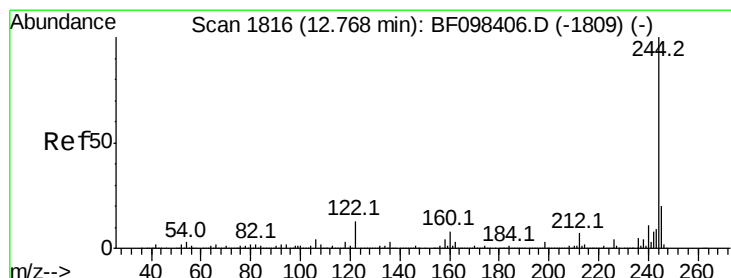
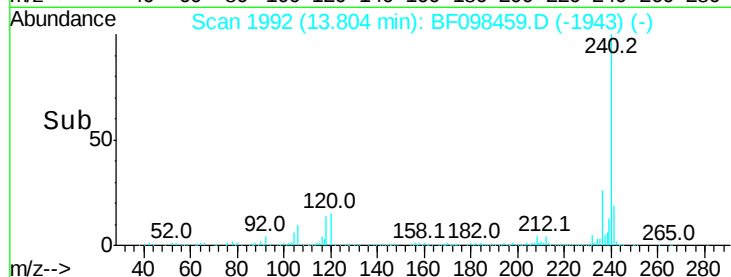
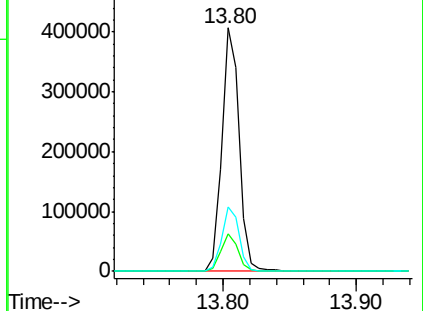
236 26.3 20.5 30.7



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: 11.406 ng

RT: 12.76 min Scan# 1814

Delta R.T. -0.01 min

Lab File: BF098459.D

Acq: 12 Sep 2017 19:23

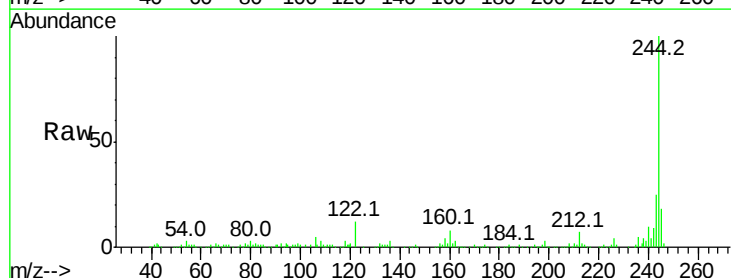
Tgt Ion:244 Resp: 197885

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

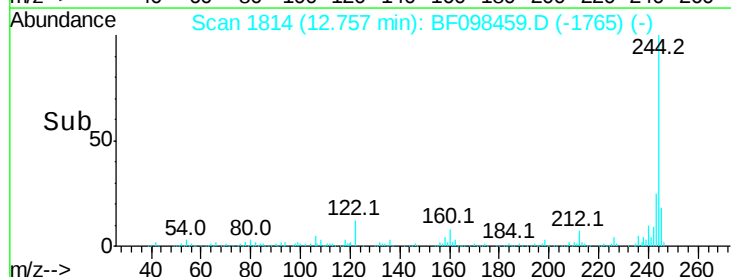
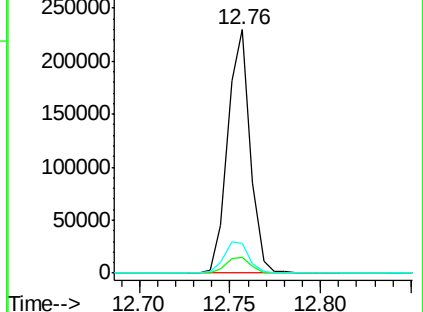
122 12.5 10.3 15.5

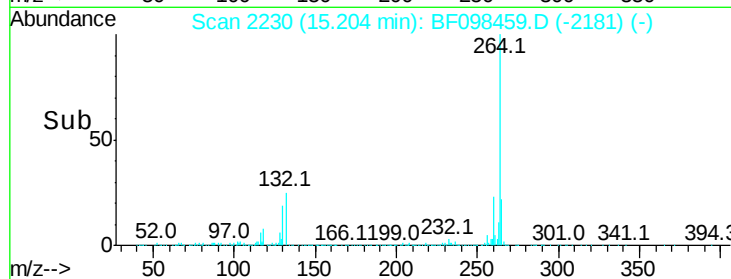
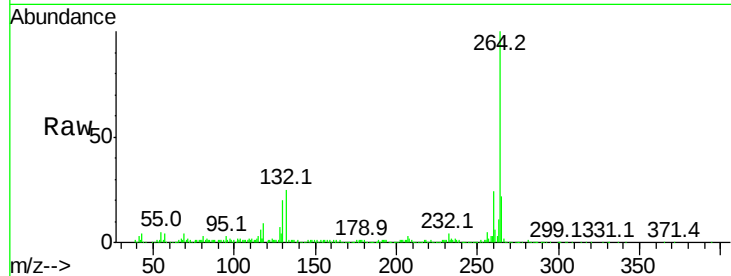
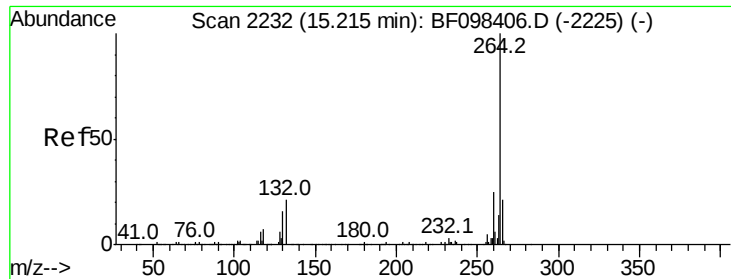


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.20 min Scan# 2230
 Delta R.T. -0.01 min
 Lab File: BF098459.D
 Acq: 12 Sep 2017 19:23

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-090717

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.5	29.3
265	21.9	17.2	25.8

