

Data Path : U:\HPCHEM1\BNA F\DATA\BF082117\
 Data File : BF097954.D
 Acq On : 22 Aug 2017 14:32
 Operator : SJ/JU
 Sample : I4900-13
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 22 16:01:02 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

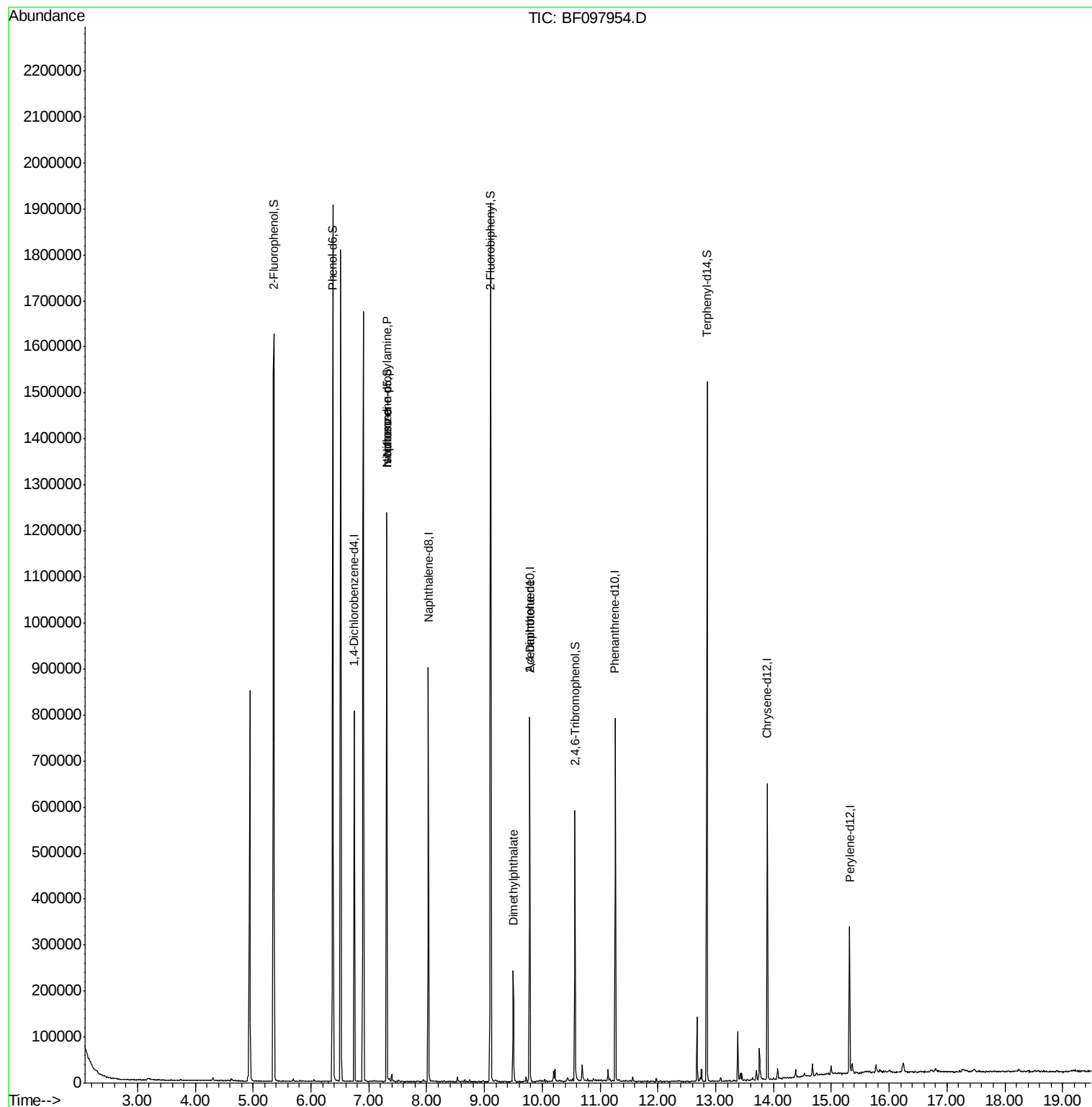
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	110526	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	393439	20.00	ng	0.00
38) Acenaphthene-d10	9.78	164	142326	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	253361	20.00	ng	0.00
75) Chrysene-d12	13.89	240	220693	20.00	ng	0.00
86) Perylene-d12	15.32	264	142457	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	458111	63.05	ng	0.00
7) Phenol-d6	6.38	99	647270	65.56	ng	0.00
23) Nitrobenzene-d5	7.31	82	391223	54.02	ng	-0.01
41) 2,4,6-Tribromophenol	10.57	330	55475	44.92	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	563309	58.15	ng	0.00
78) Terphenyl-d14	12.85	244	458346	43.31	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.31	70	53686	7.943	ng	# 70
25) Isophorone	7.31	82	382014	25.367	ng	# 67
49) Dimethylphthalate	9.50	163	83708	8.046	ng	99
56) 2,4-Dinitrotoluene	9.78	165	17996	6.905	ng	# 32

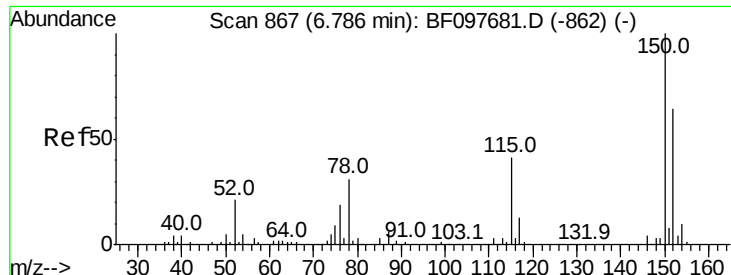
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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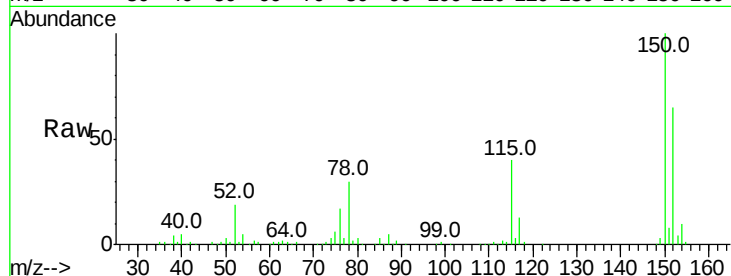


#1

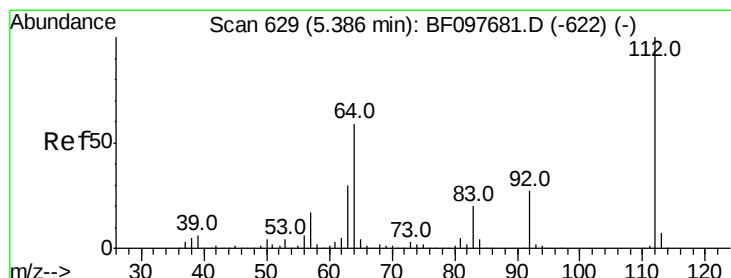
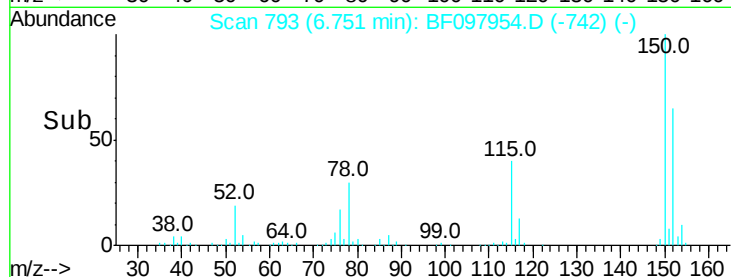
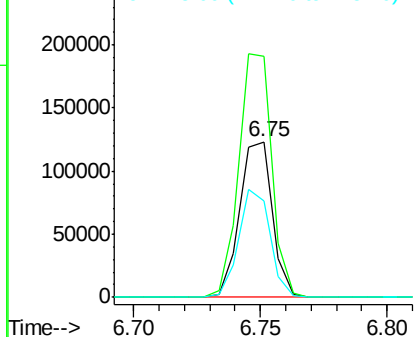
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. 0.00 min
Lab File: BF097954.D
Acq: 22 Aug 2017 14:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 110526
Ion Ratio Lower Upper
152 100
150 154.8 126.2 189.2
115 62.4 52.2 78.2



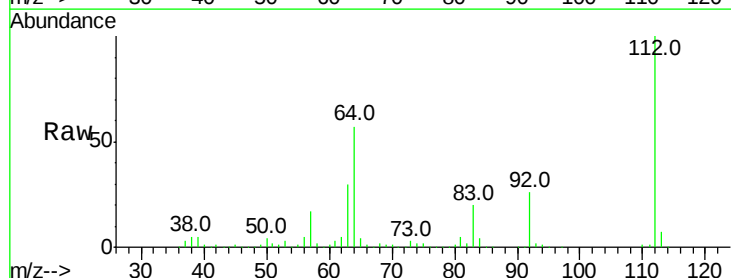
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



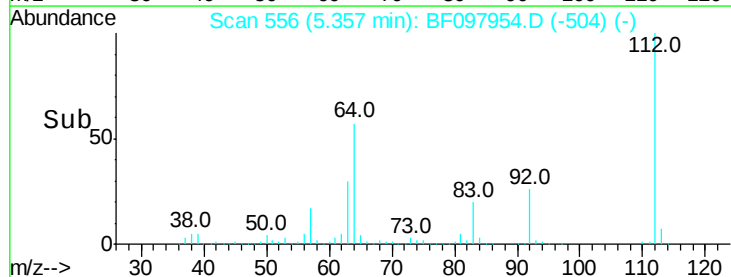
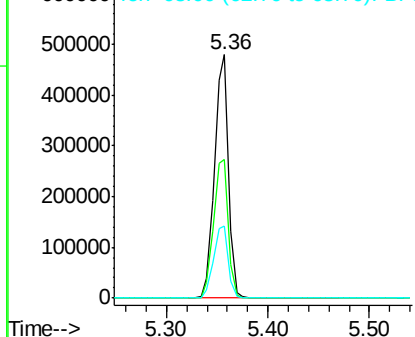
#5

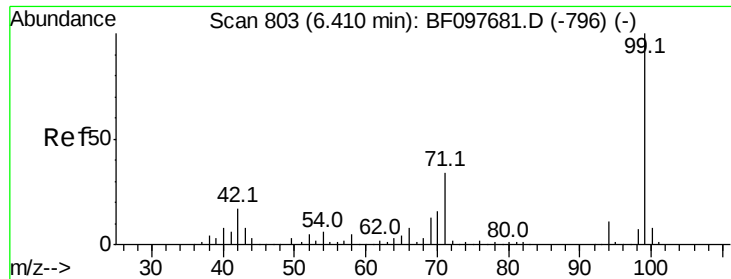
2-Fluorophenol
Concen: 63.046 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF097954.D
Acq: 22 Aug 2017 14:32

Tgt Ion:112 Resp: 458111
Ion Ratio Lower Upper
112 100
64 57.2 46.0 69.0
63 29.8 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: 65.561 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF097954.D

Acq: 22 Aug 2017 14:32

Instrument :

BNA_F

ClientSampled :

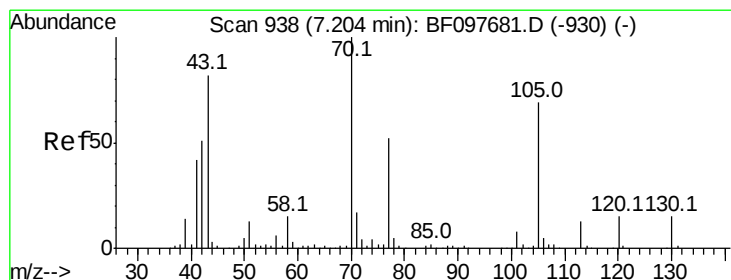
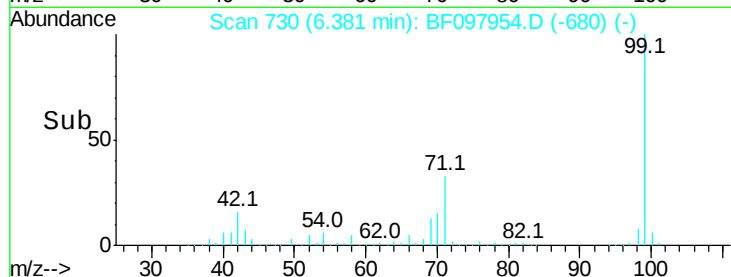
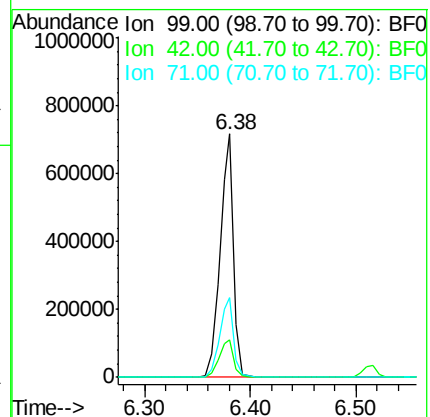
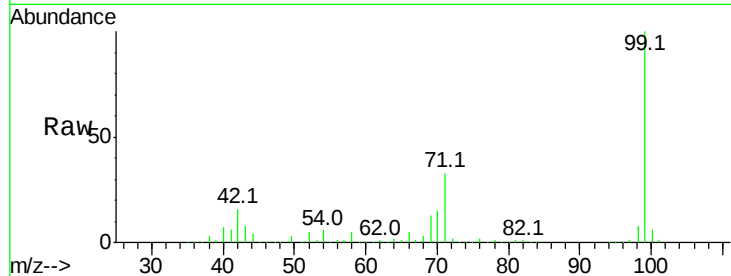
Tot Ion: 99 Resp: 647270

Ion Ratio Lower Upper

99 100

42 15.5 13.5 20.3

71 33.0 24.5 36.7



#19

n-Nitroso-di-n-propylamine

Concen: 7.943 ng

RT: 7.31 min Scan# 888

Delta R.T. 0.14 min

Lab File: BF097954.D

Acq: 22 Aug 2017 14:32

Tgt Ion: 70 Resp: 53686

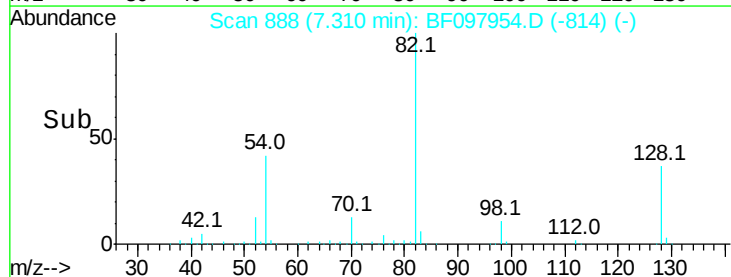
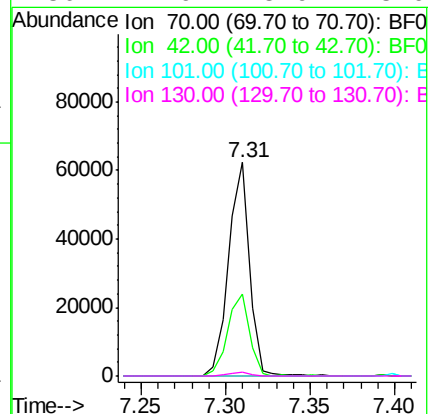
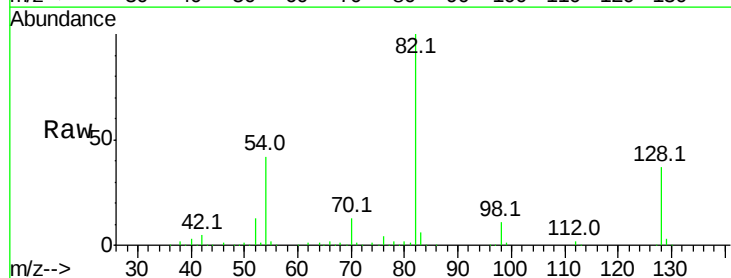
Ion Ratio Lower Upper

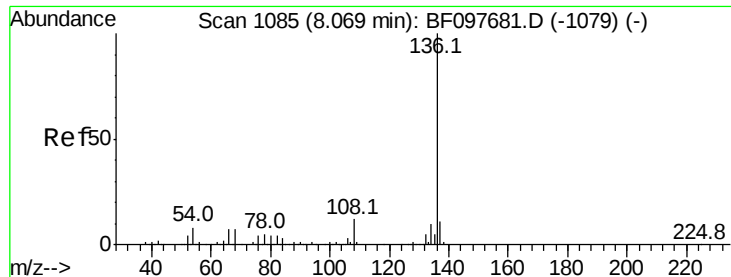
70 100

42 38.6 47.2 70.8#

101 0.0 7.2 10.8#

130 1.9 15.9 23.9#

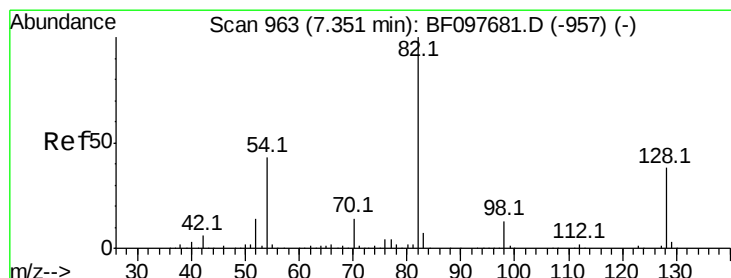
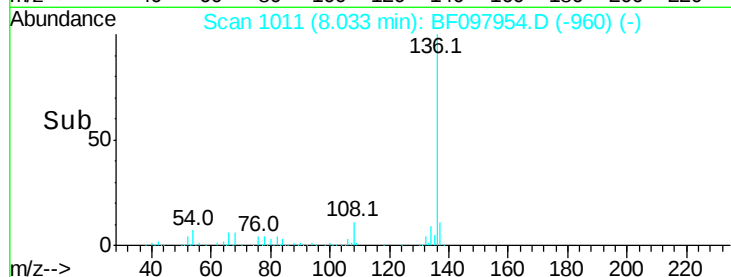
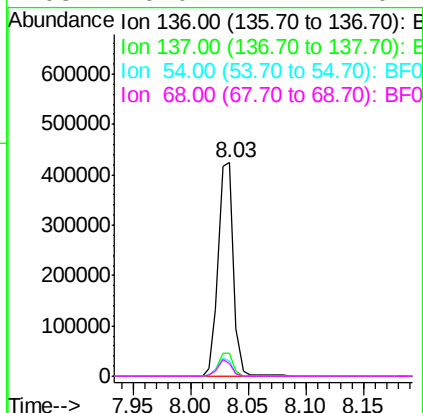
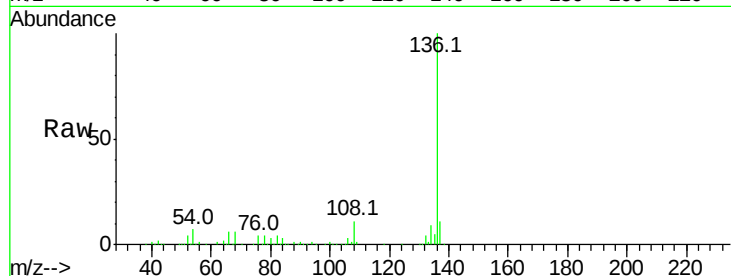




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BF097954.D
Acq: 22 Aug 2017 14:32

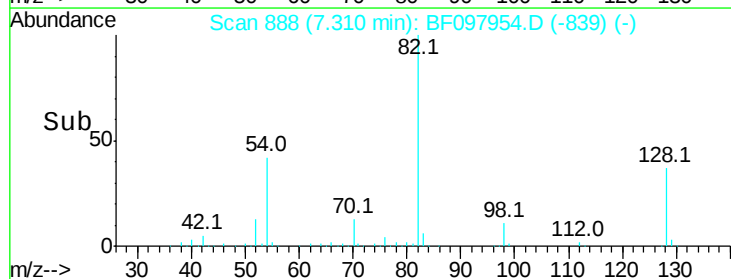
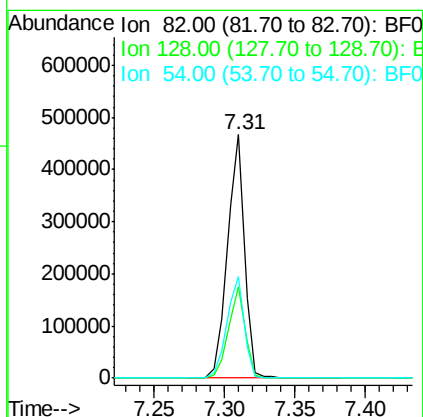
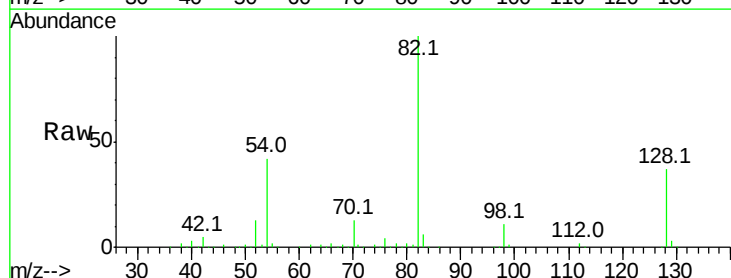
Instrument :
BNA_F
ClientSampleId :

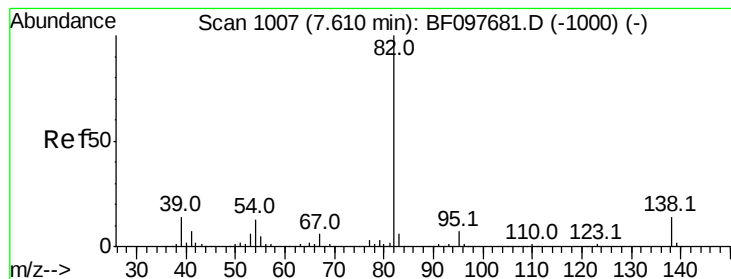
Tot Ion:	136	Resp:	393439
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.5	12.7
54	7.0	4.9	7.3
68	6.0	4.1	6.1



#23
Nitrobenzene-d5
Concen: 54.019 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF097954.D
Acq: 22 Aug 2017 14:32

Tgt Ion:	82	Resp:	391223
Ion	Ratio	Lower	Upper
82	100		
128	37.5	34.0	51.0
54	41.7	42.2	63.2#





#25

Isophorone

Concen: 25.367 ng

RT: 7.31 min Scan# 888

Delta R.T. -0.27 min

Lab File: BF097954.D

Acq: 22 Aug 2017 14:32

Instrument :

BNA_F

ClientSampleId :

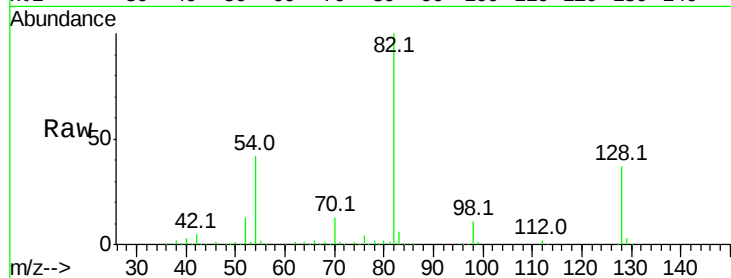
Tot Ion: 82 Resp: 382014

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

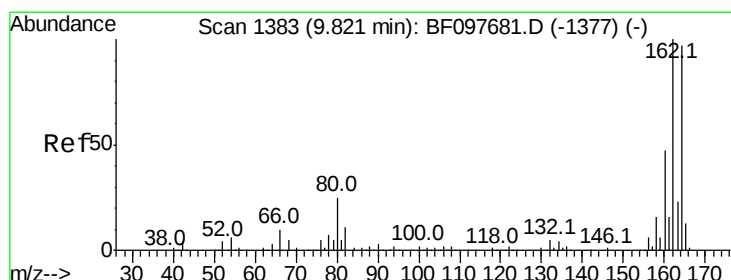
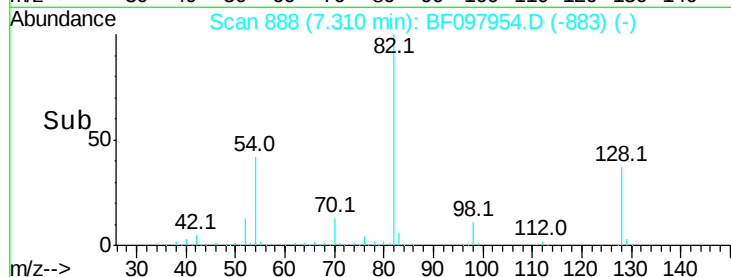
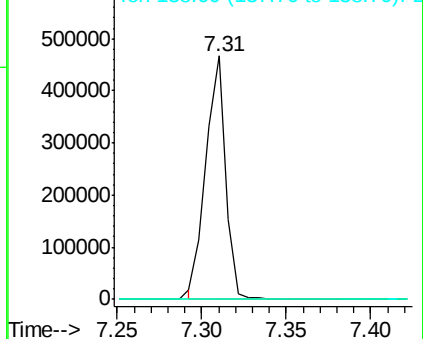
138 0.0 13.1 19.7#



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: BF097954.D

Acq: 22 Aug 2017 14:32

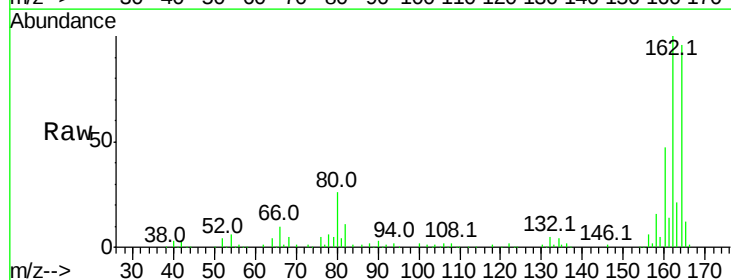
Tgt Ion:164 Resp: 142326

Ion Ratio Lower Upper

164 100

162 103.8 82.6 123.8

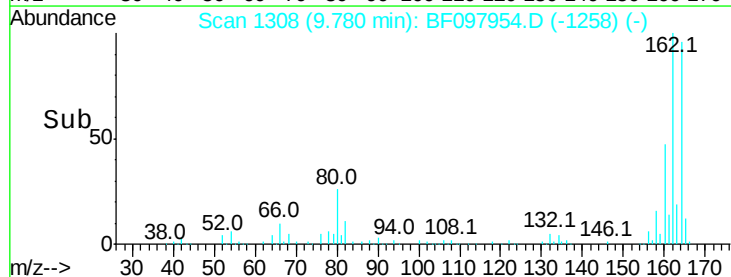
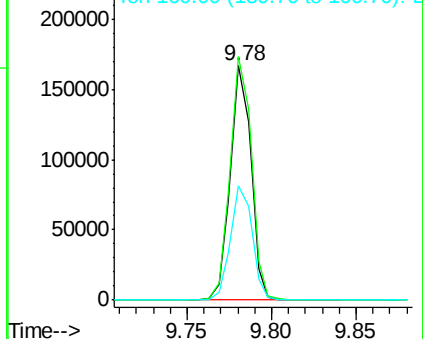
160 48.5 36.2 54.2

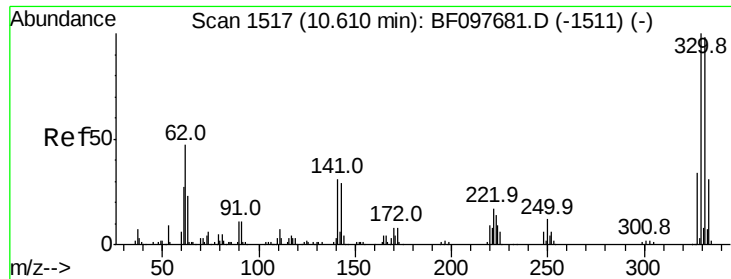


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

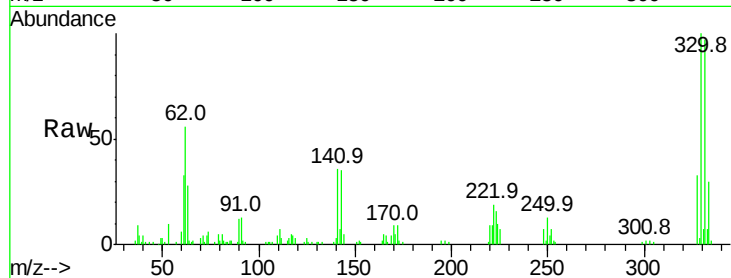




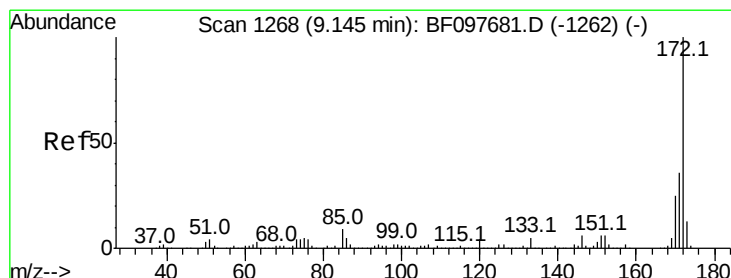
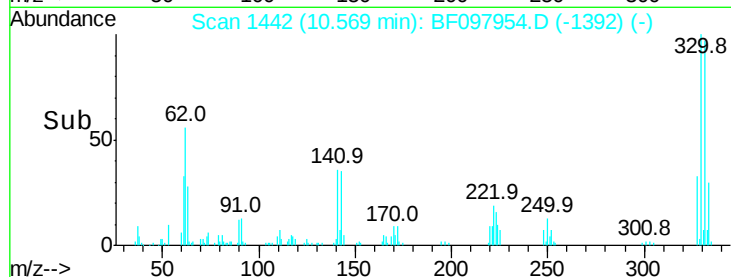
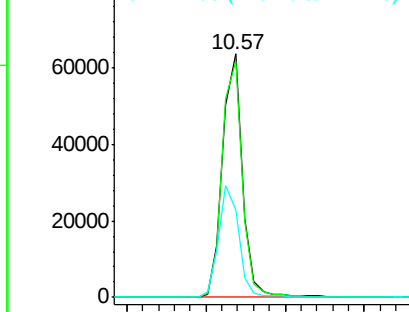
#41
 2,4,6-Tribromophenol
 Concen: 44.922 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF097954.D
 Acq: 22 Aug 2017 14:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 55475
 Ion Ratio Lower Upper
 330 100
 332 98.0 76.6 115.0
 141 46.8 31.4 47.2

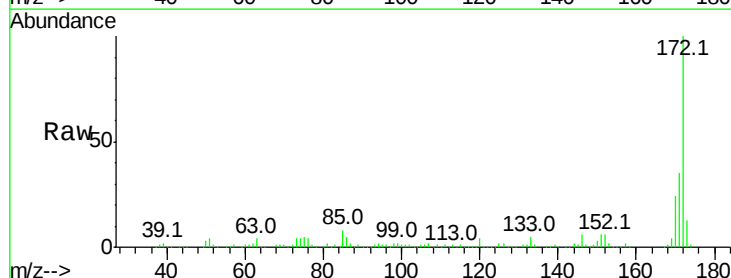


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

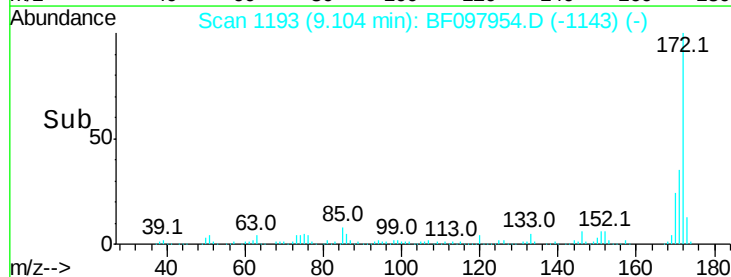
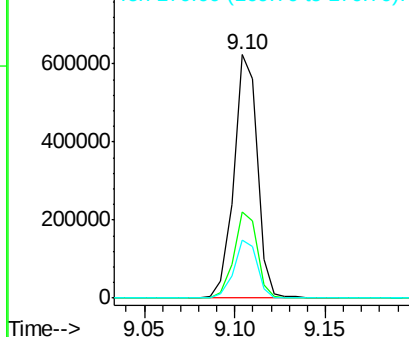


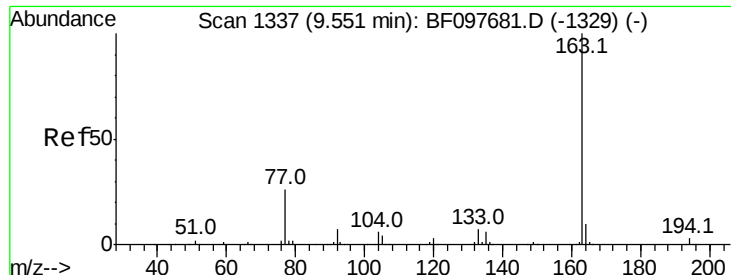
#44
 2-Fluorobiphenyl
 Concen: 58.149 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF097954.D
 Acq: 22 Aug 2017 14:32

Tgt Ion:172 Resp: 563309
 Ion Ratio Lower Upper
 172 100
 171 35.3 29.6 44.4
 170 23.7 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

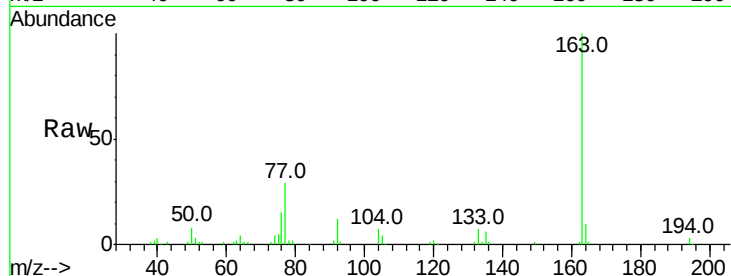




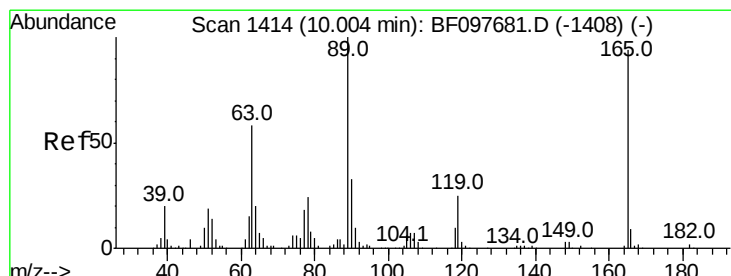
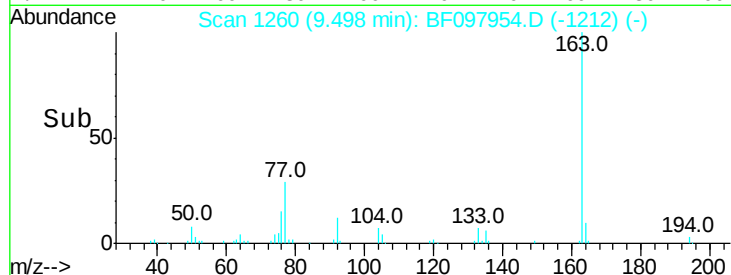
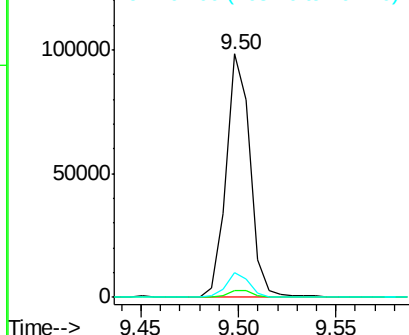
#49
 Dimethylphthalate
 Concen: 8.046 ng
 RT: 9.50 min Scan# 1260
 Delta R.T. -0.02 min
 Lab File: BF097954.D
 Acq: 22 Aug 2017 14:32

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	163	Resp:	83708
Ion	Ratio	Lower	Upper
163	100		
194	3.0	2.6	4.0
164	10.0	8.4	12.6

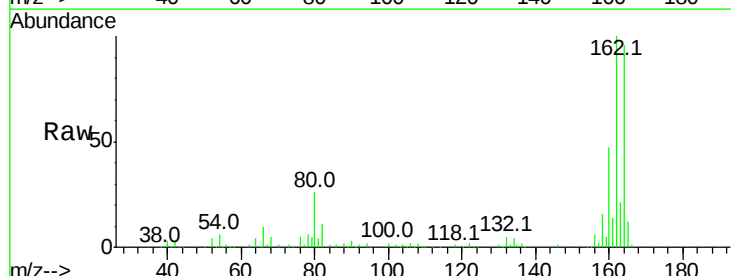


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

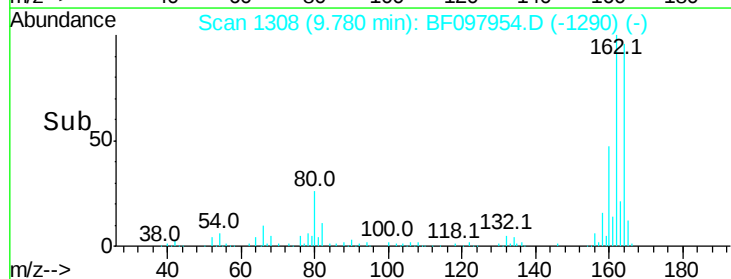
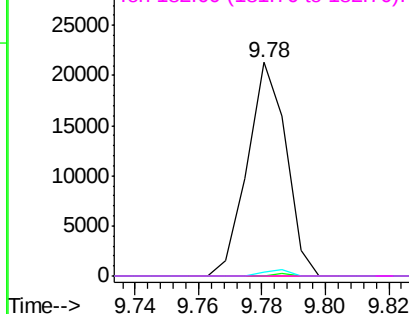


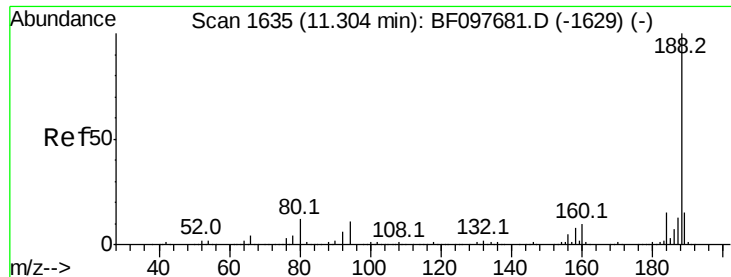
#56
 2,4-Dinitrotoluene
 Concen: 6.905 ng
 RT: 9.78 min Scan# 1308
 Delta R.T. -0.19 min
 Lab File: BF097954.D
 Acq: 22 Aug 2017 14:32

Tgt Ion:	165	Resp:	17996
Ion	Ratio	Lower	Upper
165	100		
63	0.0	25.4	38.0#
89	1.6	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: BF097954.D

Acq: 22 Aug 2017 14:32

Instrument :

BNA_F

ClientSampleId :

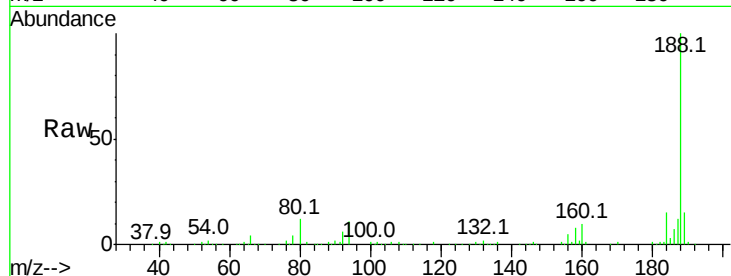
Tot Ion:188 Resp: 253361

Ion Ratio Lower Upper

188 100

94 10.9 9.4 14.2

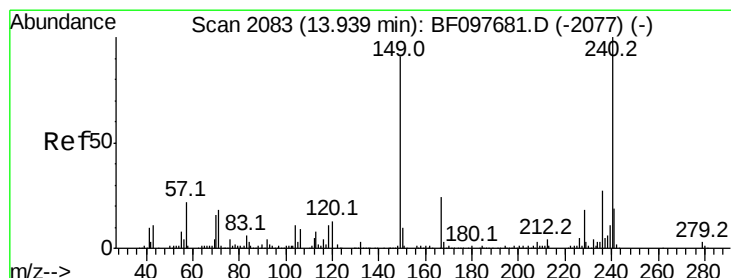
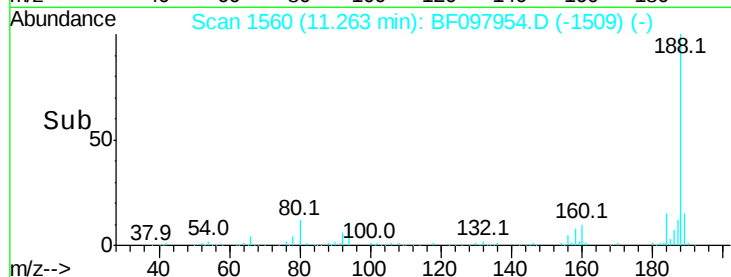
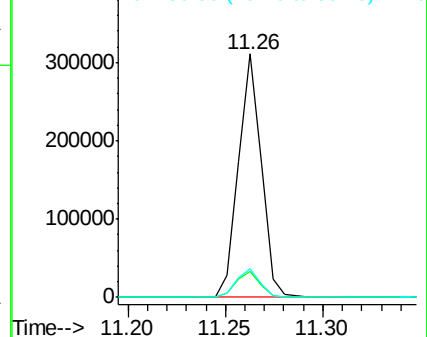
80 11.8 10.2 15.2



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.89 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF097954.D

Acq: 22 Aug 2017 14:32

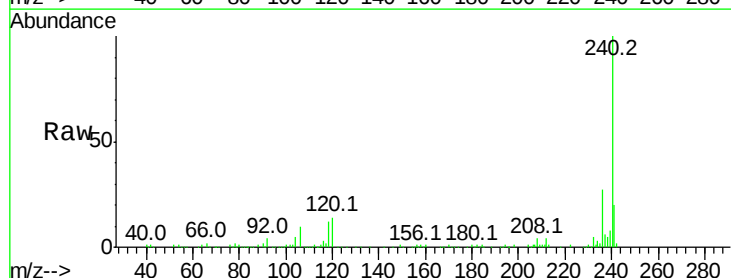
Tgt Ion:240 Resp: 220693

Ion Ratio Lower Upper

240 100

120 14.3 5.8 8.8#

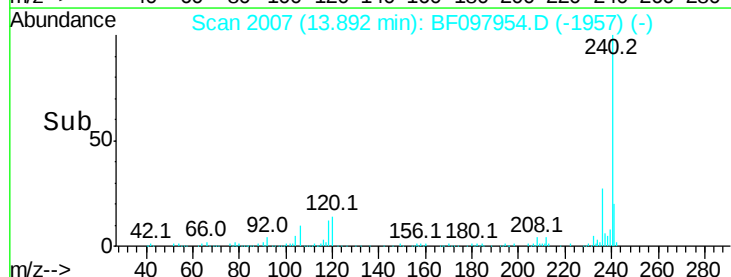
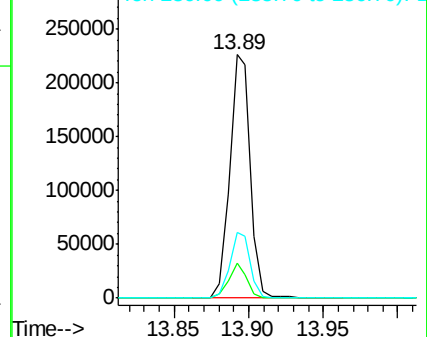
236 27.1 20.5 30.7

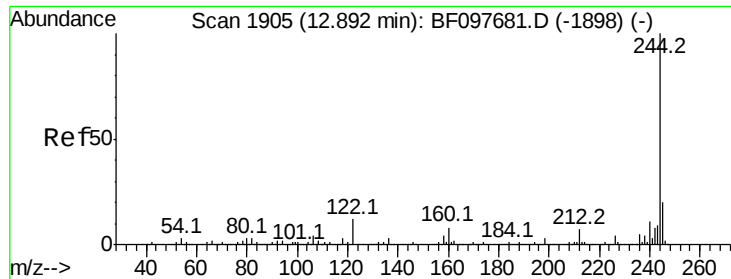


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

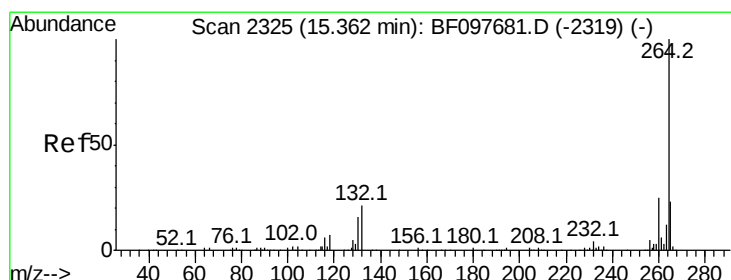
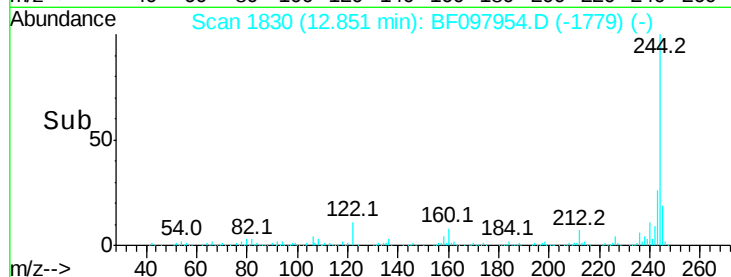
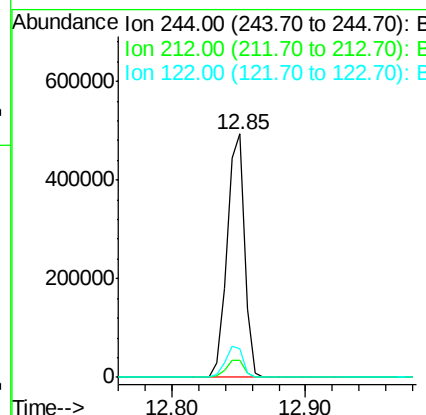
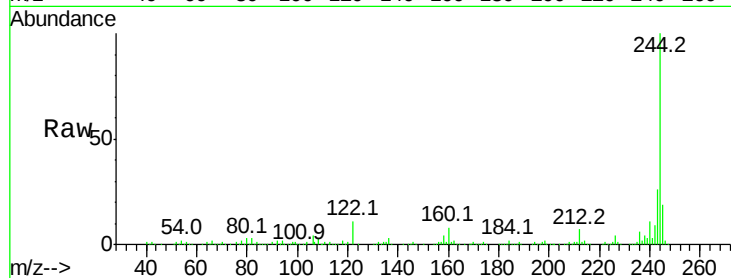




#78
 Terphenyl-d14
 Concen: 43.309 ng
 RT: 12.85 min Scan# 1830
 Delta R.T. 0.00 min
 Lab File: BF097954.D
 Acq: 22 Aug 2017 14:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 458346
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 11.5 10.3 15.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.32 min Scan# 2249
 Delta R.T. 0.01 min
 Lab File: BF097954.D
 Acq: 22 Aug 2017 14:32

Tgt Ion:264 Resp: 142457
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.5 29.3
 265 21.5 17.2 25.8

