

Data File : BF096950.D
Acq On : 21 Jul 2017 18:06
Operator : SJ/JU
Sample : I4302-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-4D12

Quant Time: Jul 21 23:13:20 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 18 13:33:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	122862	20.00	ng	-0.05
21) Naphthalene-d8	7.83	136	516325	20.00	ng	-0.05
38) Acenaphthene-d10	9.58	164	198212	20.00	ng	-0.05
63) Phenanthrene-d10	11.06	188	327799	20.00	ng	-0.05
75) Chrysene-d12	13.68	240	226608	20.00	ng	-0.05
86) Perylene-d12	15.04	264	221128	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	751538	91.97	ng	-0.04
7) Phenol-d6	6.21	99	910731	92.88	ng	-0.04
23) Nitrobenzene-d5	7.12	82	545451	65.43	ng	-0.05
41) 2,4,6-Tribromophenol	10.37	330	154332	91.22	ng	-0.05
44) 2-Fluorobiphenyl	8.92	172	867663	69.16	ng	-0.05
78) Terphenyl-d14	12.64	244	576684	44.13	ng	-0.05
Target Compounds						
10) Phenol	6.22	94	48504	4.38	ng	Qvalue 84
25) Isophorone	7.12	82	535191	34.51	ng	# 67
49) Dimethylphthalate	9.31	163	148620	9.96	ng	98
56) 2,4-Dinitrotoluene	9.58	165	26044	6.27	ng	# 33
66) 4-Bromophenyl-phenylether	10.37	248	10082	3.01	ng	# 1
85) Indeno(1,2,3-cd)pyrene	16.30	276	2653	3.53	ng	# 92

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

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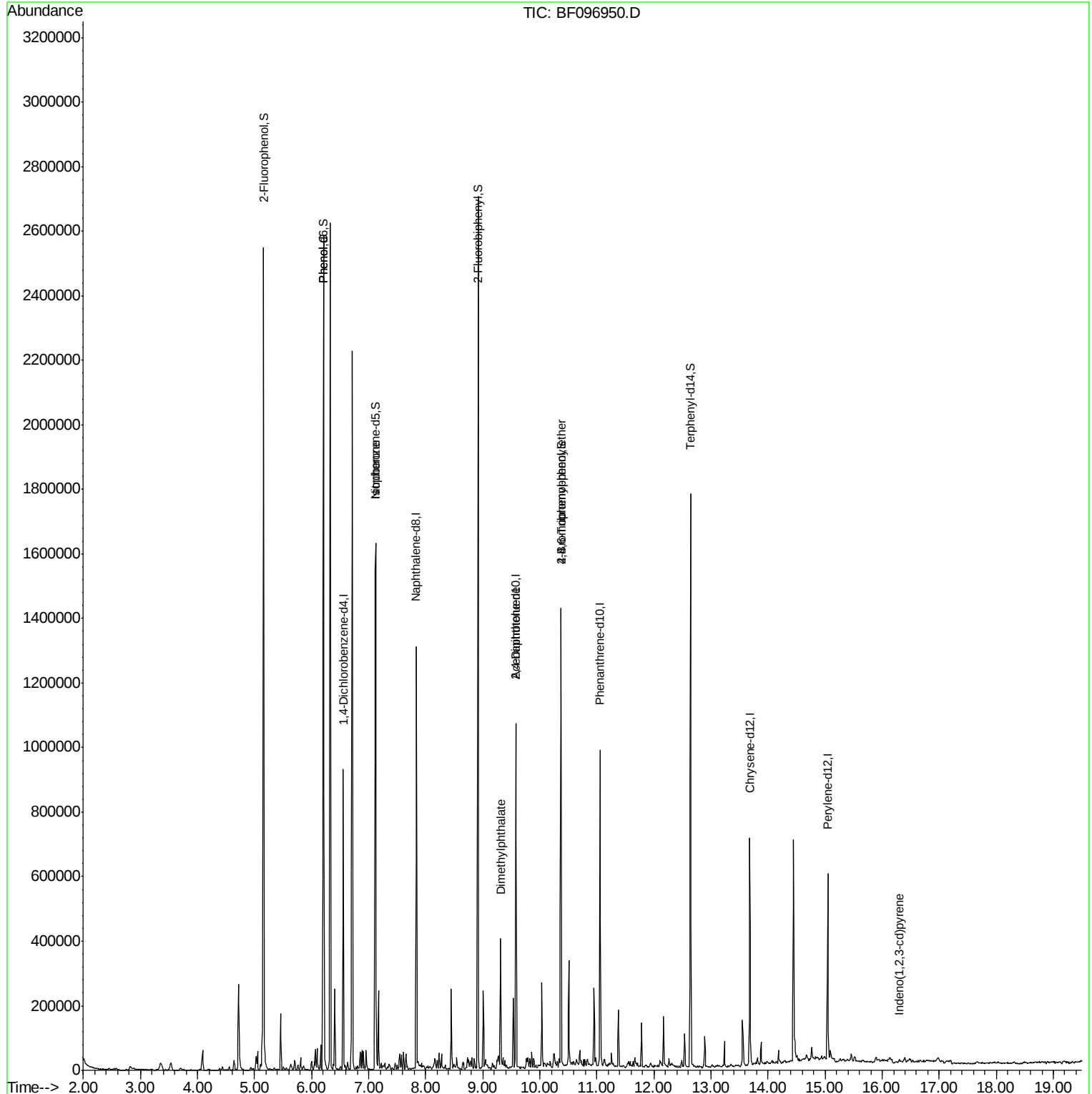
Quant Time: Jul 21 23:13:20 2017

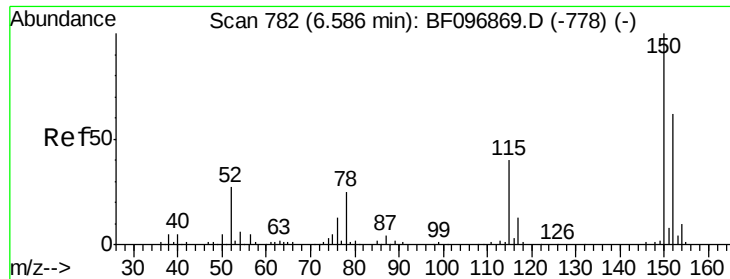
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Jul 18 13:33:22 2017

Response via : Initial Calibration

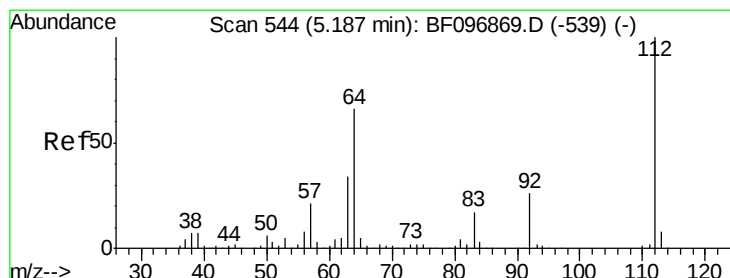
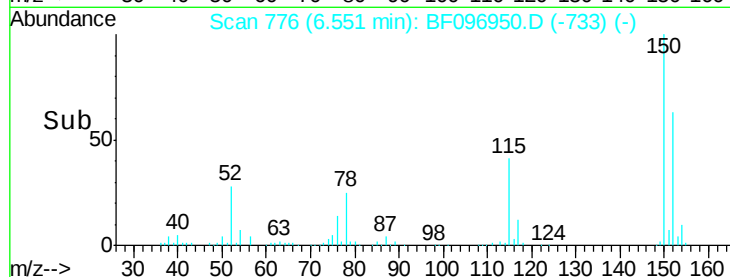
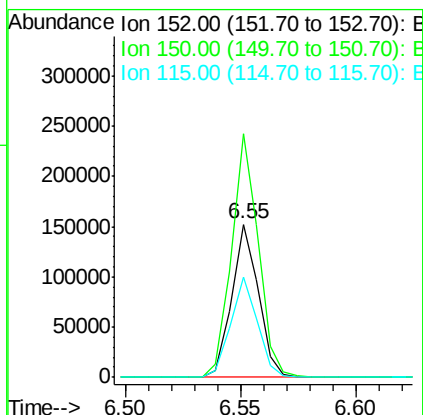
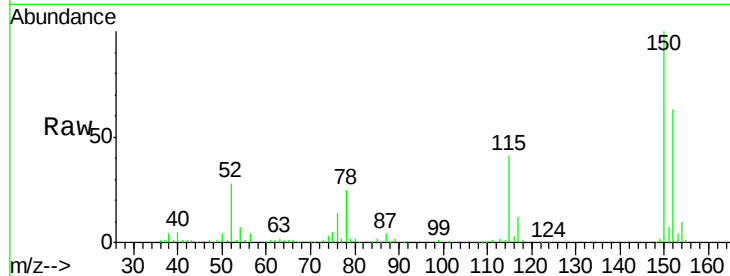




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.55 min Scan# 776
 Delta R.T. -0.05 min
 Lab File: BF096950.D
 Acq: 21 Jul 2017 18:06

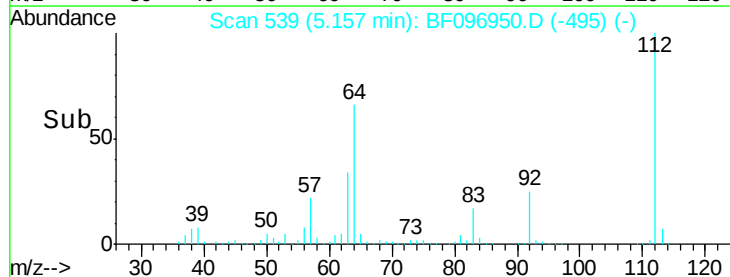
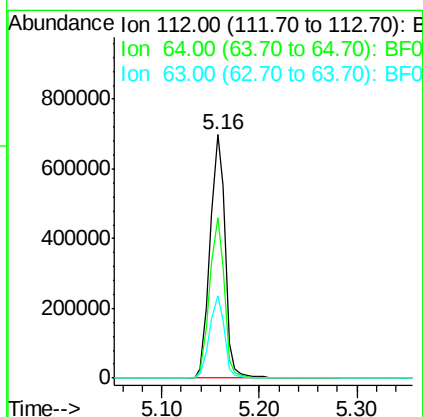
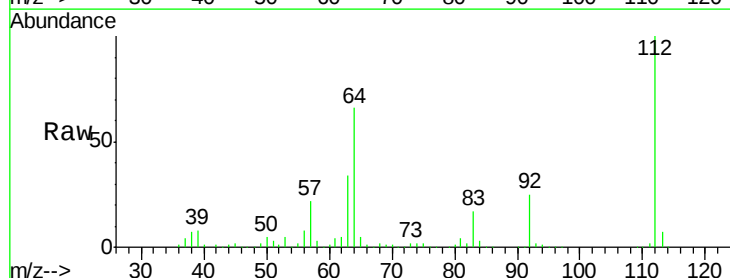
Instrument :
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 SB-4D12

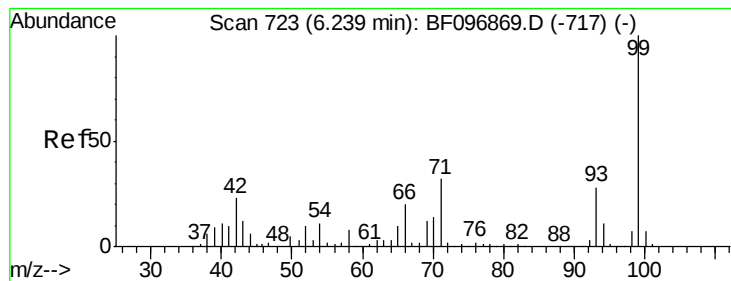
Tgt Ion:152 Resp: 122862
 Ion Ratio Lower Upper
 152 100
 150 158.9 126.2 189.2
 115 65.9 52.2 78.2



#5
 2-Fluorophenol
 Concen: 91.97 ng
 RT: 5.16 min Scan# 539
 Delta R.T. -0.04 min
 Lab File: BF096950.D
 Acq: 21 Jul 2017 18:06

Tgt Ion:112 Resp: 751538
 Ion Ratio Lower Upper
 112 100
 64 66.1 46.0 69.0
 63 33.9 23.4 35.0





#7

Phenol-d6

Concen: 92.88 ng

RT: 6.21 min Scan# 718

Delta R.T. -0.04 min

Lab File: BF096950.D

Acq: 21 Jul 2017 18:06

Instrument :

BNA_F

ClientSampleId :

SB-4D12

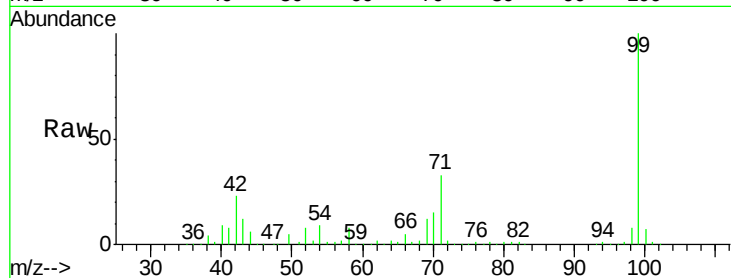
Tgt Ion: 99 Resp: 910731

Ion Ratio Lower Upper

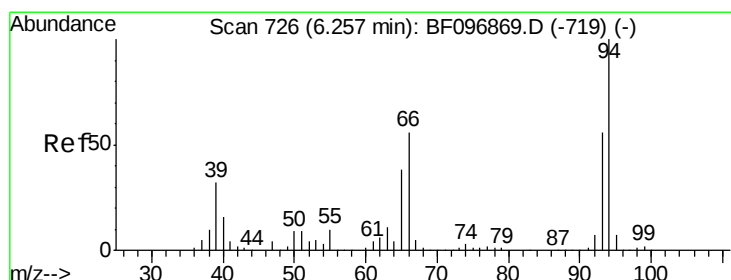
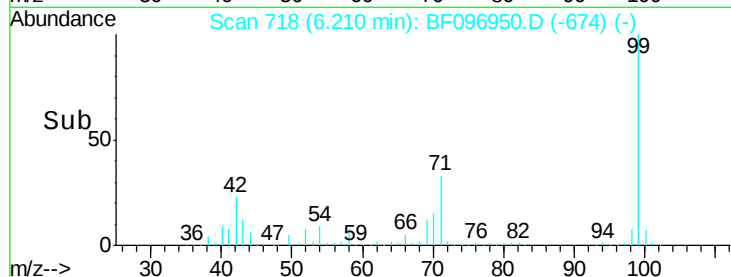
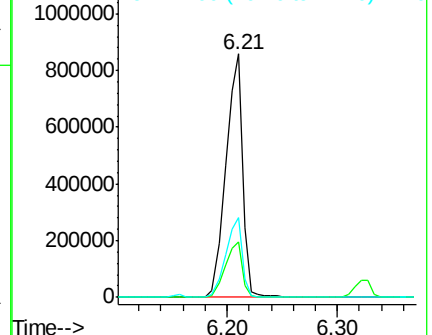
99 100

42 22.7 13.5 20.3#

71 32.8 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: 4.38 ng

RT: 6.22 min Scan# 719

Delta R.T. -0.05 min

Lab File: BF096950.D

Acq: 21 Jul 2017 18:06

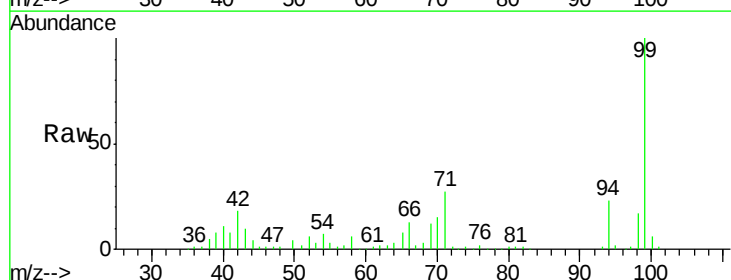
Tgt Ion: 94 Resp: 48504

Ion Ratio Lower Upper

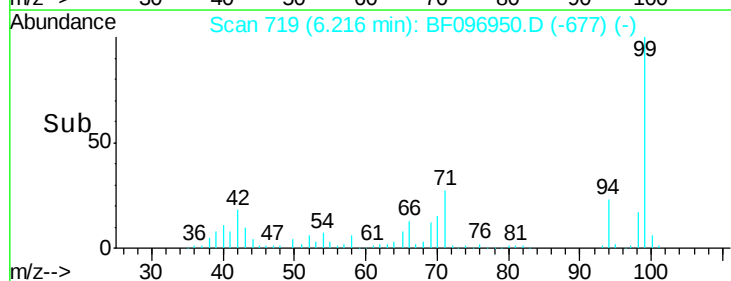
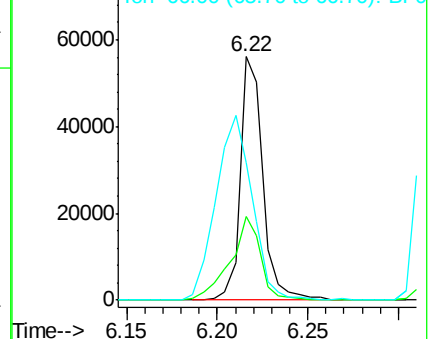
94 100

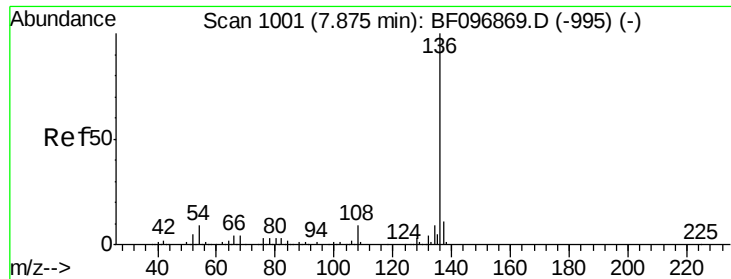
65 34.5 9.9 49.9

66 56.2 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

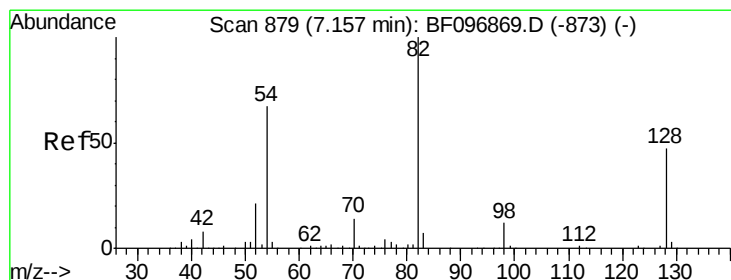
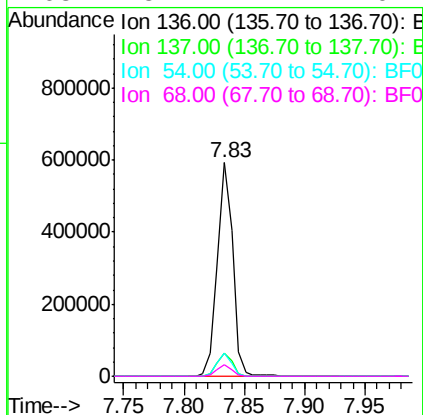
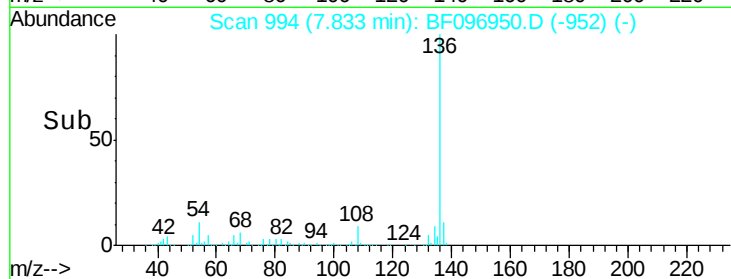
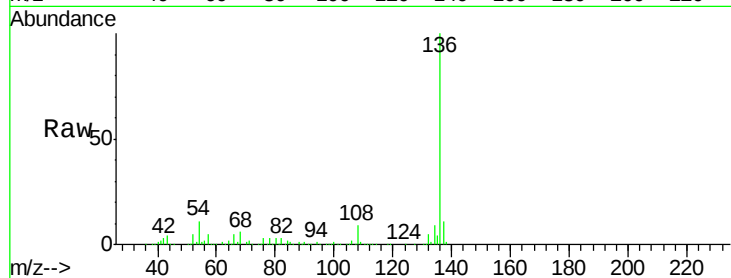




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.83 min Scan# 994
Delta R.T. -0.05 min
Lab File: BF096950.D
Acq: 21 Jul 2017 18:06

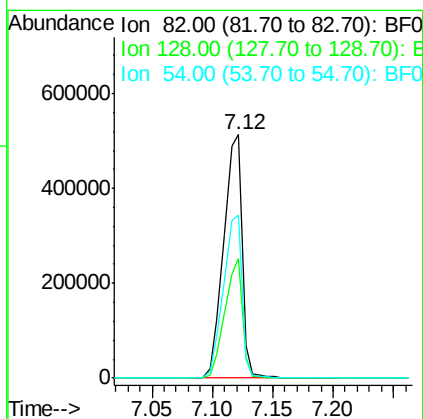
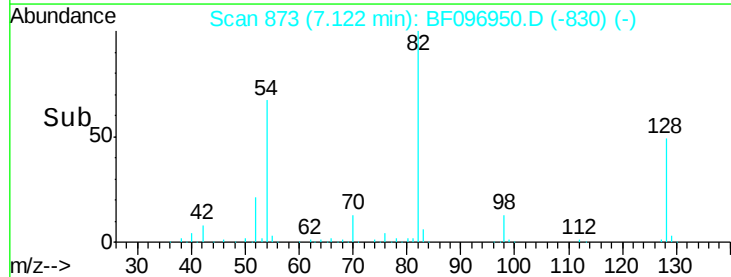
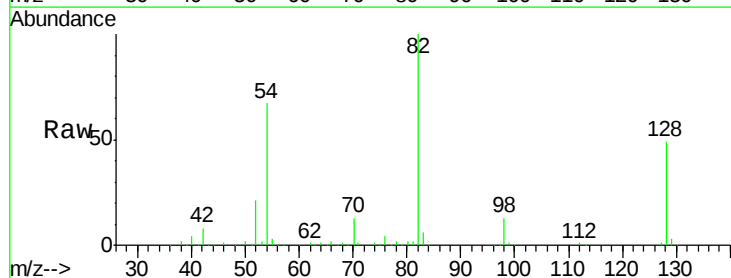
Instrument :
BNA_F
ClientSampleId :
SB-4D12

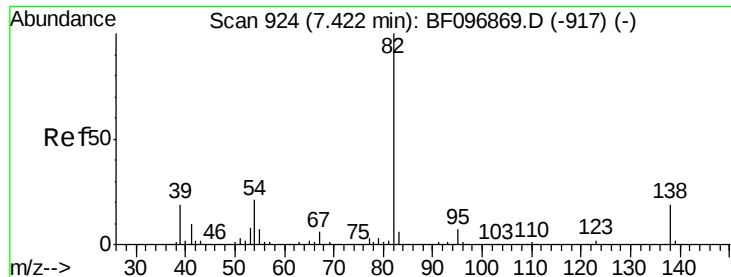
Tgt Ion:	136	Resp:	516325
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	10.8	4.9	7.3#
68	5.7	4.1	6.1



#23
Nitrobenzene-d5
Concen: 65.43 ng
RT: 7.12 min Scan# 873
Delta R.T. -0.05 min
Lab File: BF096950.D
Acq: 21 Jul 2017 18:06

Tgt Ion:	82	Resp:	545451
Ion	Ratio	Lower	Upper
82	100		
128	49.2	34.0	51.0
54	66.8	42.2	63.2#





#25

Isophorone

Concen: 34.51 ng

RT: 7.12 min Scan# 873

Delta R.T. -0.31 min

Lab File: BF096950.D

Acq: 21 Jul 2017 18:06

Instrument :

BNA_F

ClientSampleId :

SB-4D12

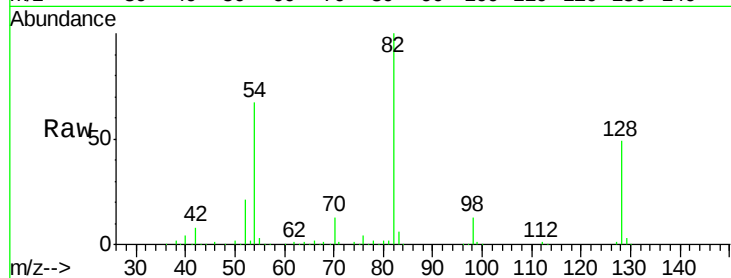
Tgt Ion: 82 Resp: 535191

Ion Ratio Lower Upper

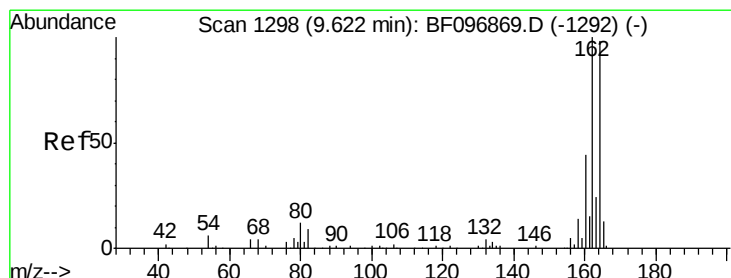
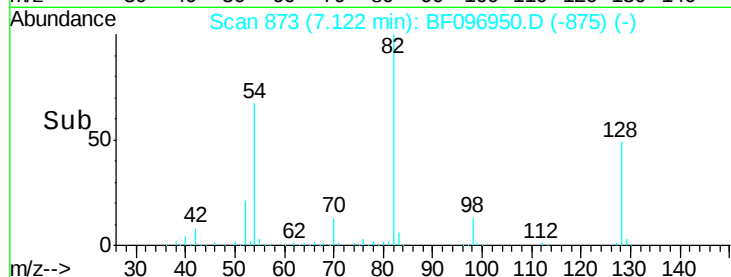
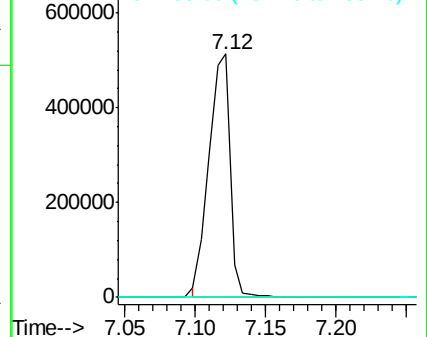
82 100

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: 20.00 ng

RT: 9.58 min Scan# 1291

Delta R.T. -0.05 min

Lab File: BF096950.D

Acq: 21 Jul 2017 18:06

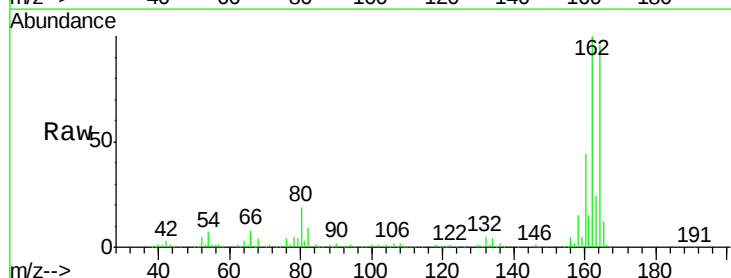
Tgt Ion: 164 Resp: 198212

Ion Ratio Lower Upper

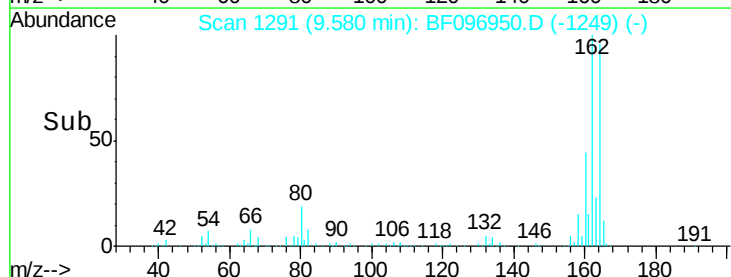
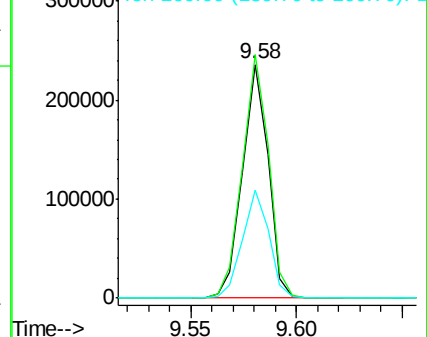
164 100

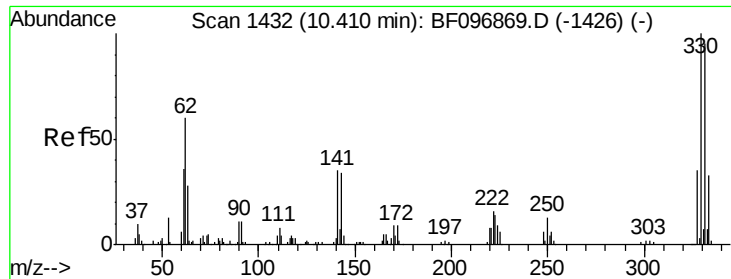
162 104.2 82.6 123.8

160 46.0 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

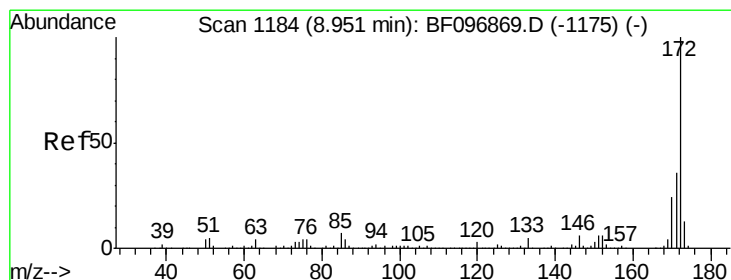
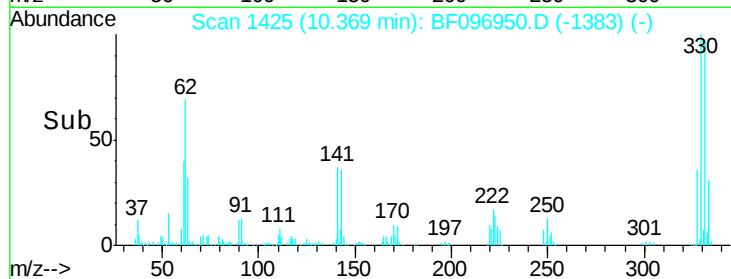
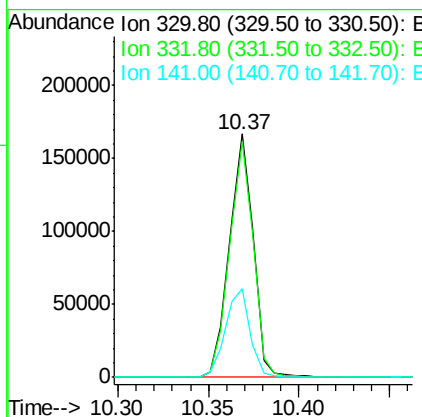
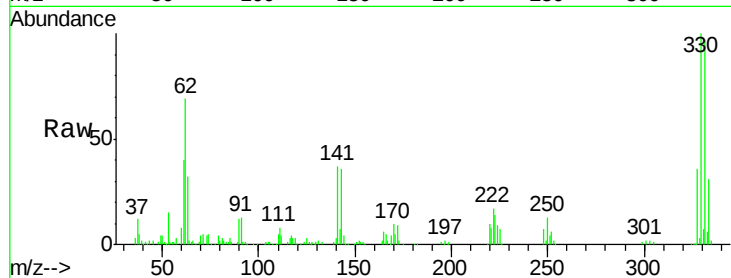




#41
 2,4,6-Tribromophenol
 Concen: 91.22 ng
 RT: 10.37 min Scan# 1425
 Delta R.T. -0.05 min
 Lab File: BF096950.D
 Acq: 21 Jul 2017 18:06

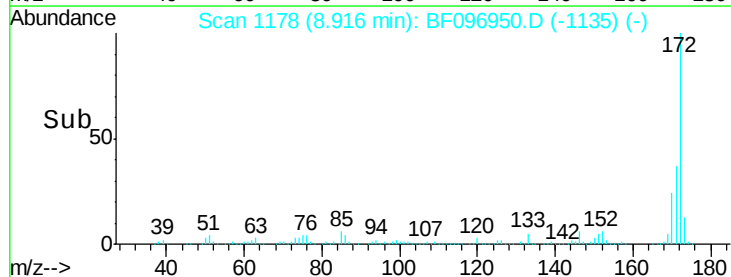
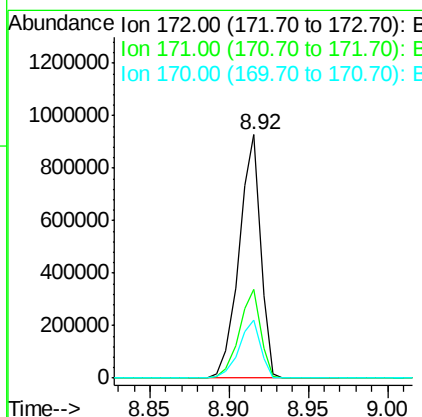
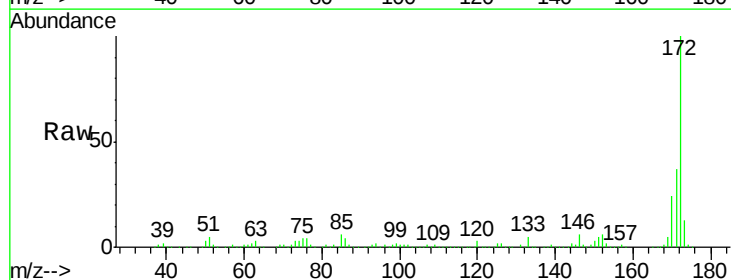
Instrument :
 BNA_F
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 SB-4D12

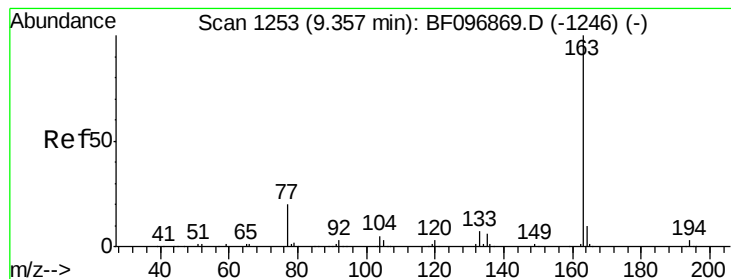
Tgt Ion:330 Resp: 154332
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.6 115.0
 141 38.0 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 69.16 ng
 RT: 8.92 min Scan# 1178
 Delta R.T. -0.05 min
 Lab File: BF096950.D
 Acq: 21 Jul 2017 18:06

Tgt Ion:172 Resp: 867663
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.6 44.4
 170 23.7 19.8 29.8





#49

Dimethylphthalate

Concen: 9.96 ng

RT: 9.31 min Scan# 1245

Delta R.T. -0.06 min

Lab File: BF096950.D

Acq: 21 Jul 2017 18:06

Instrument :

BNA_F

ClientSampleId :

SB-4D12

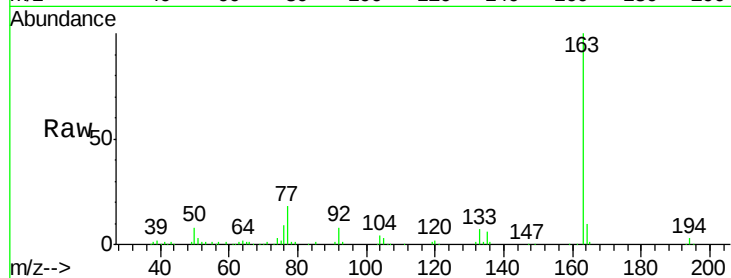
Tgt Ion:163 Resp: 148620

Ion Ratio Lower Upper

163 100

194 2.8 2.6 4.0

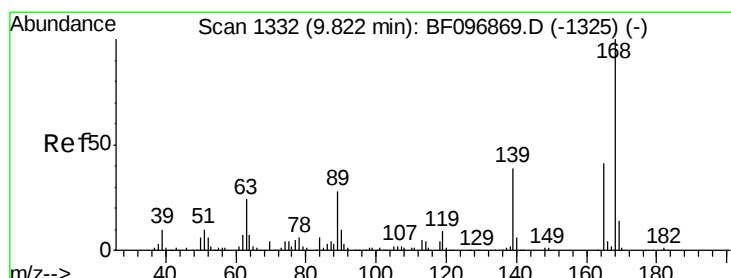
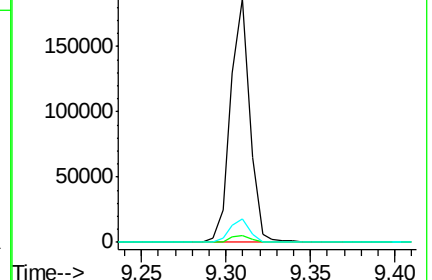
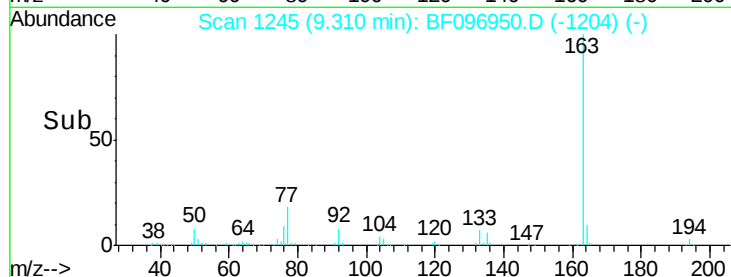
164 9.6 8.4 12.6



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: 6.27 ng

RT: 9.58 min Scan# 1291

Delta R.T. -0.25 min

Lab File: BF096950.D

Acq: 21 Jul 2017 18:06

Tgt Ion:165 Resp: 26044

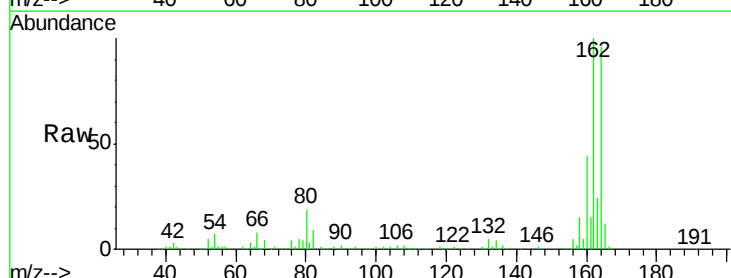
Ion Ratio Lower Upper

165 100

63 2.3 25.4 38.0#

89 1.3 46.4 69.6#

182 0.0 1.8 2.6#

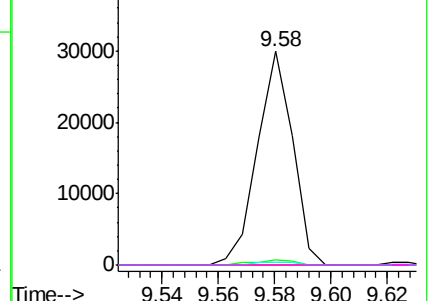
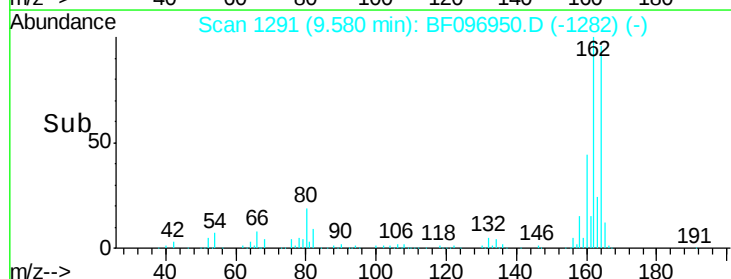


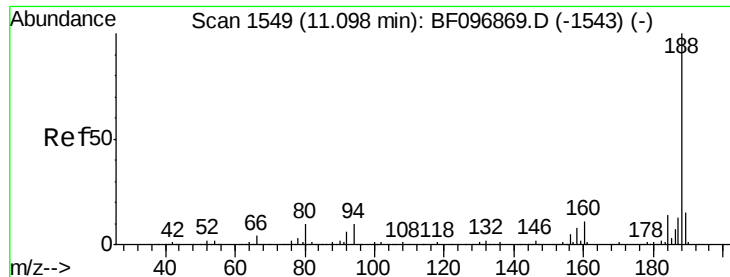
Abundance Ion 165.00 (164.70 to 165.70): E

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

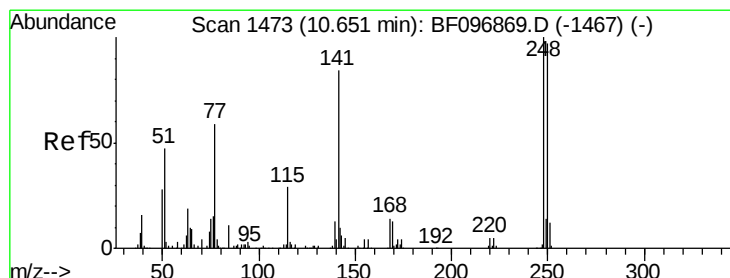
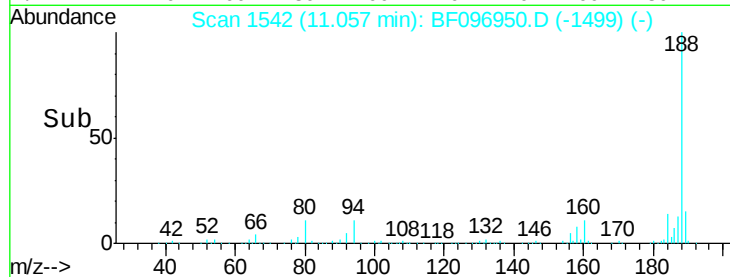
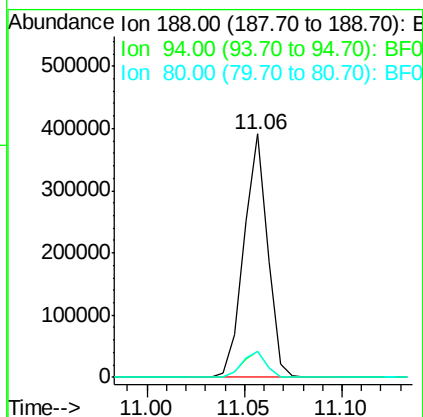
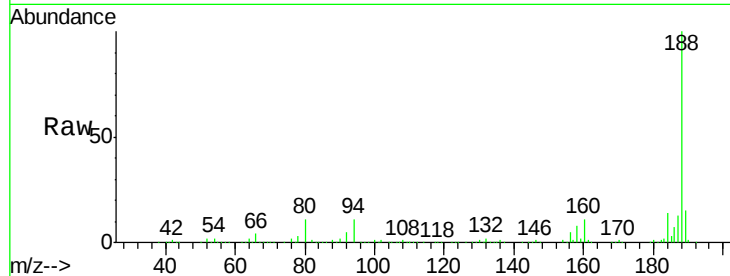




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.06 min Scan# 1542
Delta R.T. -0.05 min
Lab File: BF096950.D
Acq: 21 Jul 2017 18:06

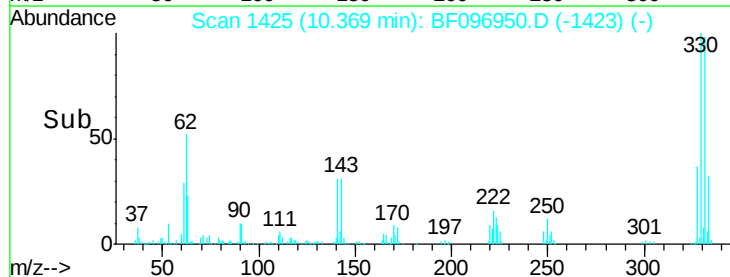
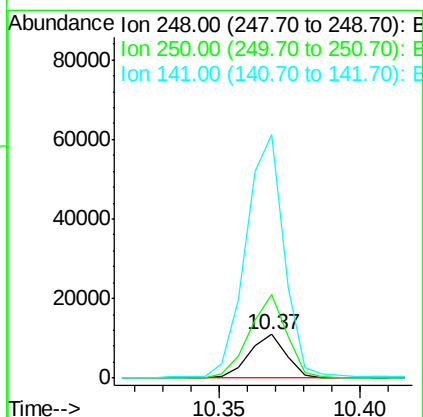
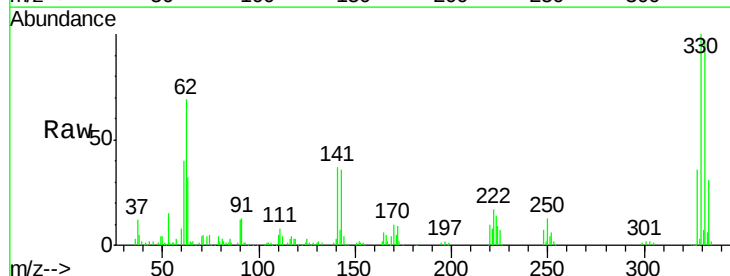
Instrument :
BNA_F
ClientSampleId :
SB-4D12

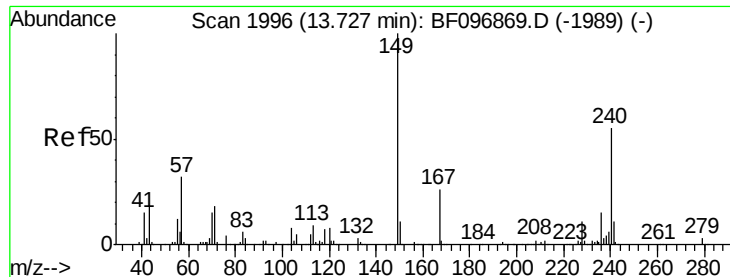
Tgt Ion:188 Resp: 327799
Ion Ratio Lower Upper
188 100
94 10.8 9.4 14.2
80 10.8 10.2 15.2



#66
4-Bromophenyl-phenylether
Concen: 3.01 ng
RT: 10.37 min Scan# 1425
Delta R.T. -0.29 min
Lab File: BF096950.D
Acq: 21 Jul 2017 18:06

Tgt Ion:248 Resp: 10082
Ion Ratio Lower Upper
248 100
250 189.5 76.8 115.2#
141 555.1 68.6 103.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.68 min Scan# 1988

Delta R.T. -0.05 min

Lab File: BF096950.D

Acq: 21 Jul 2017 18:06

Instrument :

BNA_F

ClientSampleId :

SB-4D12

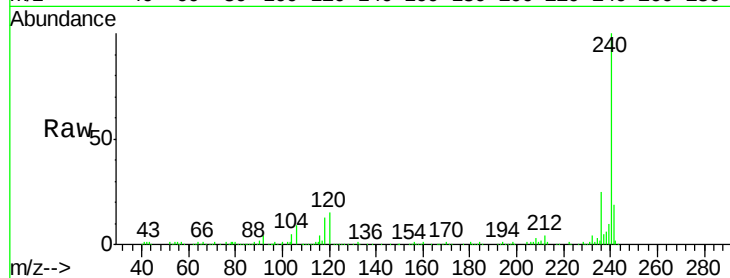
Tgt Ion:240 Resp: 226608

Ion Ratio Lower Upper

240 100

120 14.9 5.8 8.8#

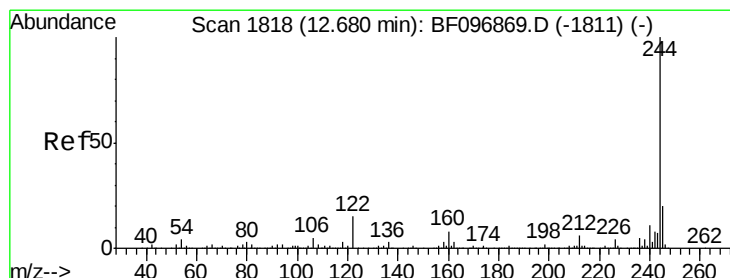
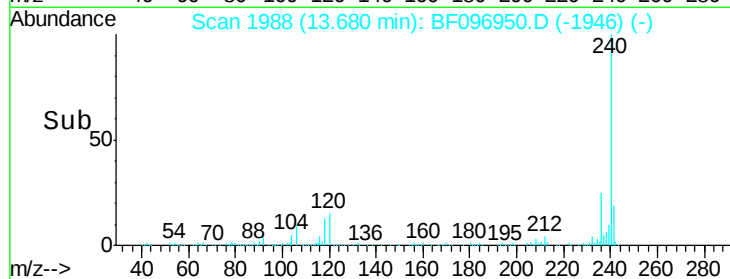
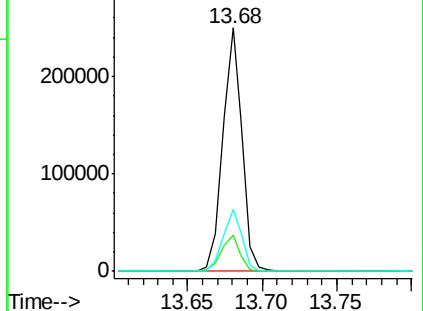
236 25.4 20.5 30.7



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: 44.13 ng

RT: 12.64 min Scan# 1812

Delta R.T. -0.05 min

Lab File: BF096950.D

Acq: 21 Jul 2017 18:06

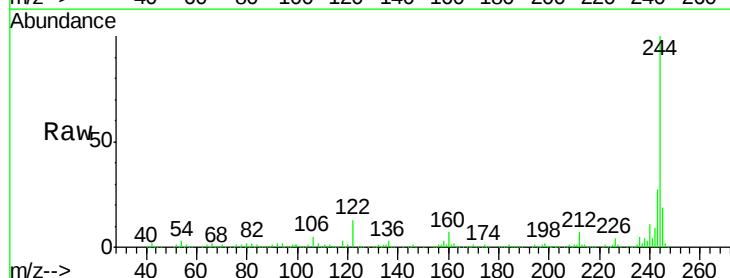
Tgt Ion:244 Resp: 576684

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

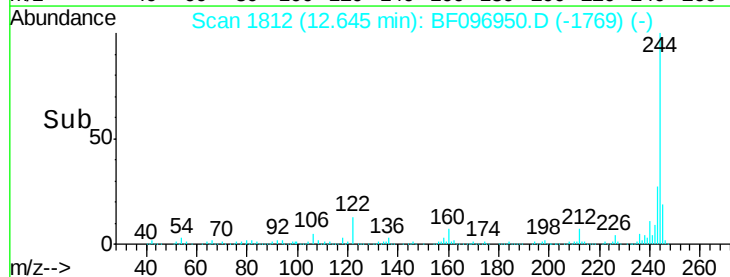
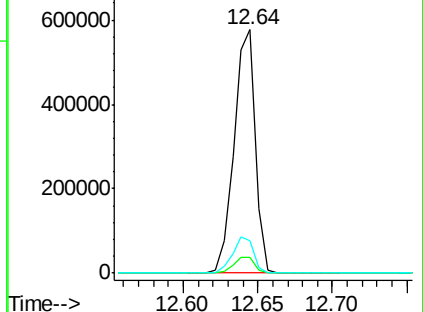
122 13.2 10.3 15.5

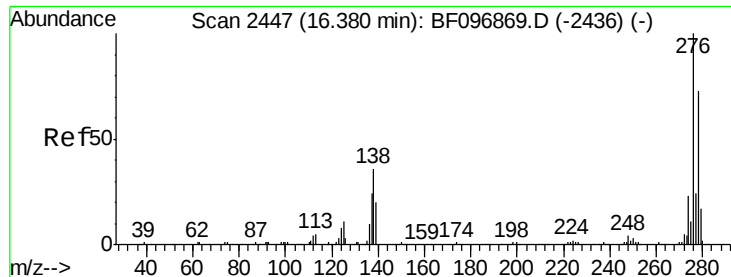


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

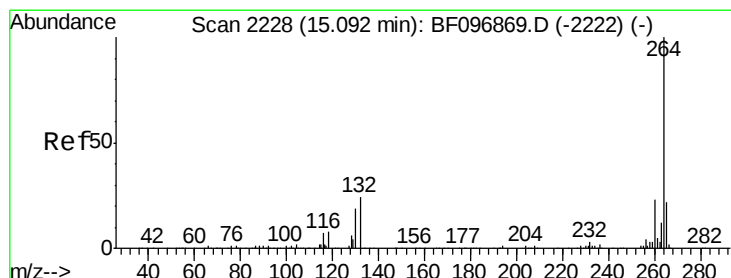
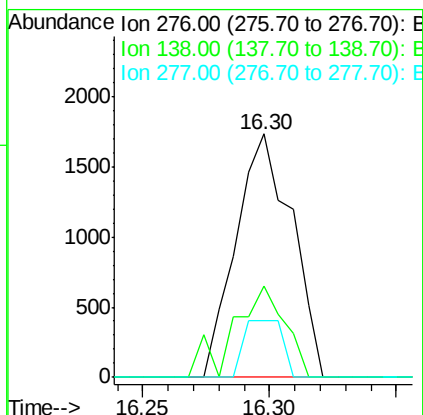
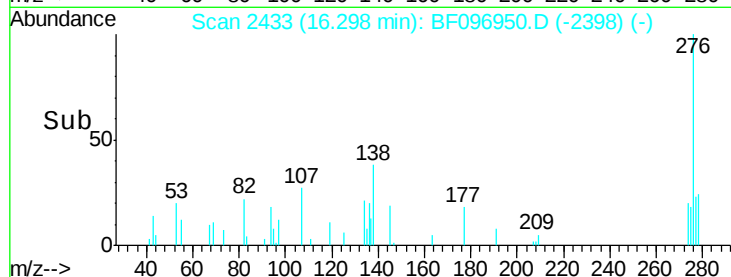
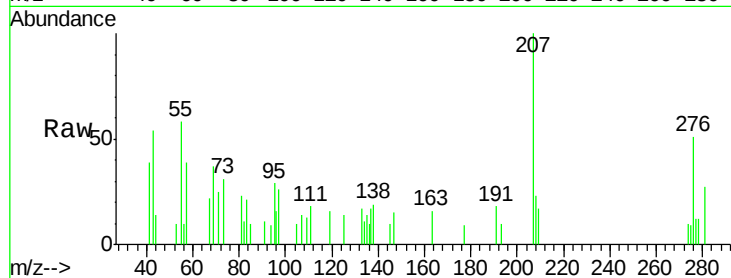




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 3.53 ng
 RT: 16.30 min Scan# 2433
 Delta R.T. -0.09 min
 Lab File: BF096950.D
 Acq: 21 Jul 2017 18:06

Instrument :
 BNA_F
 ClientSampleId :
 SB-4D12

Tgt Ion: 276 Resp: 2653
 Ion Ratio Lower Upper
 276 100
 138 34.5 27.8 41.6
 277 16.1 20.2 30.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.04 min Scan# 2220
 Delta R.T. -0.06 min
 Lab File: BF096950.D
 Acq: 21 Jul 2017 18:06

Tgt Ion: 264 Resp: 221128
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.5 29.3
 265 22.1 17.2 25.8

