

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062217\
 Data File : BF096124.D
 Acq On : 22 Jun 2017 16:17
 Operator : SJ/MA
 Sample : I3736-01RE 10X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 22 17:19:27 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 16:05:47 2017
 Response via : Initial Calibration

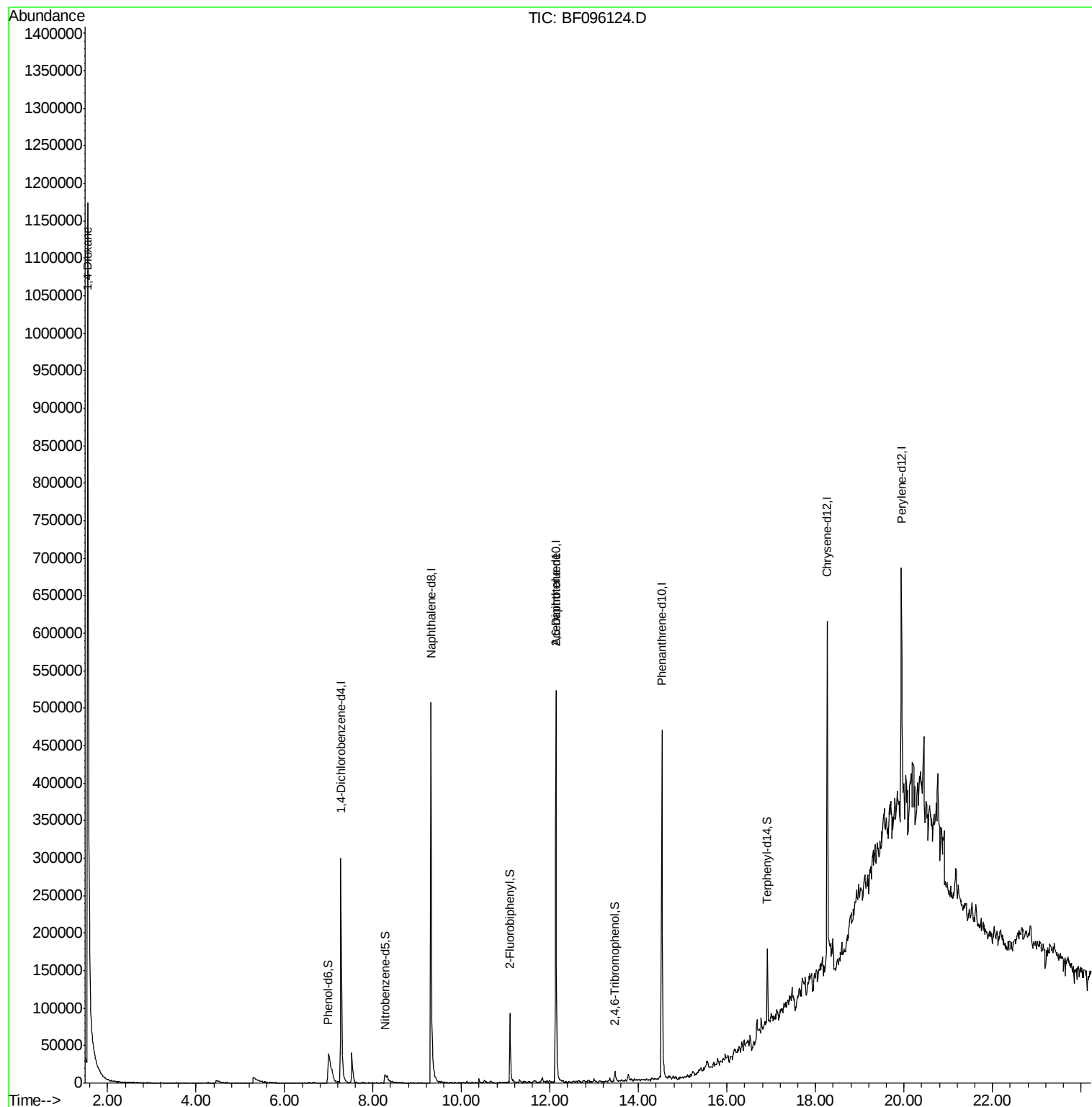
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.27	152	88387	20.00	ng	-0.02
21) Naphthalene-d8	9.31	136	418008	20.00	ng	-0.02
38) Acenaphthene-d10	12.13	164	167194	20.00	ng	-0.02
63) Phenanthrene-d10	14.53	188	272655	20.00	ng	-0.01
75) Chrysene-d12	18.26	240	203981	20.00	ng	-0.01
86) Perylene-d12	19.94	264	159413	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	5936	1.07	ng	0.12
7) Phenol-d6	6.98	99	19028	2.87	ng	0.11
23) Nitrobenzene-d5	8.27	82	19026	2.83	ng	0.05
41) 2,4,6-Tribromophenol	13.47	330	4326	2.92	ng	0.02
44) 2-Fluorobiphenyl	11.09	172	56348	4.69	ng	-0.02
78) Terphenyl-d14	16.91	244	38438	4.68	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	1.55	88	55087	20.88	ng	# 24
50) 2,6-Dinitrotoluene	12.13	165	20635	7.45	ng	# 33

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

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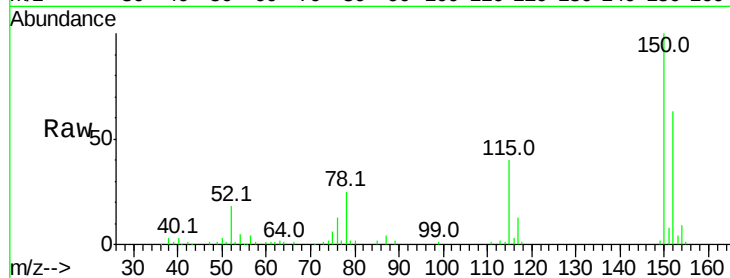


#1

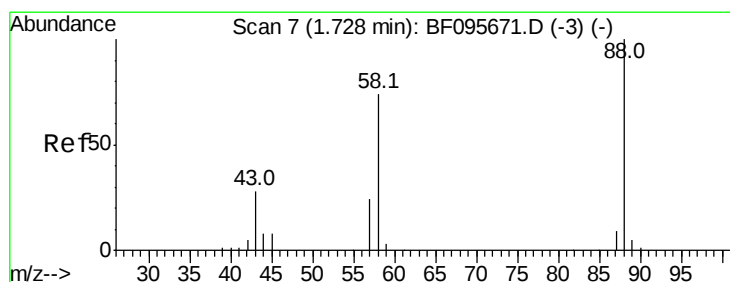
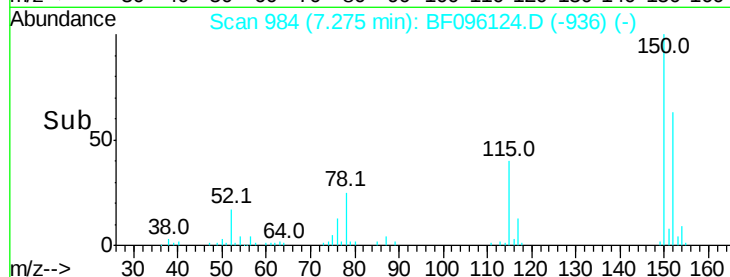
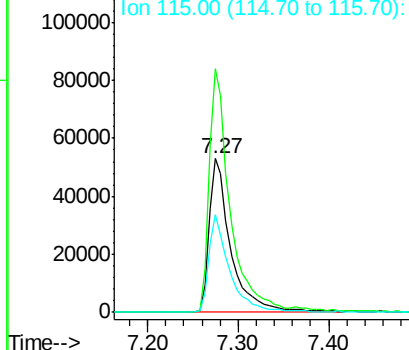
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.27 min Scan# 984
Delta R.T. -0.02 min
Lab File: BF096124.D
Acq: 22 Jun 2017 16:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 88387
Ion Ratio Lower Upper
152 100
150 158.3 126.2 189.2
115 63.5 52.2 78.2



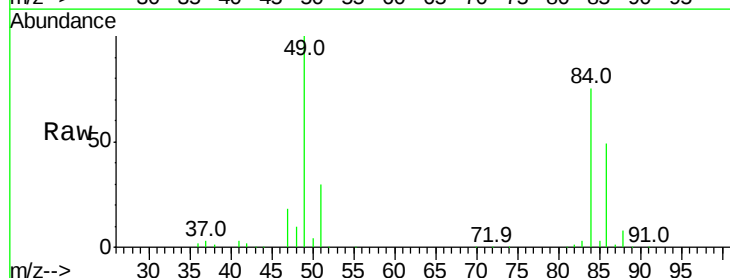
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



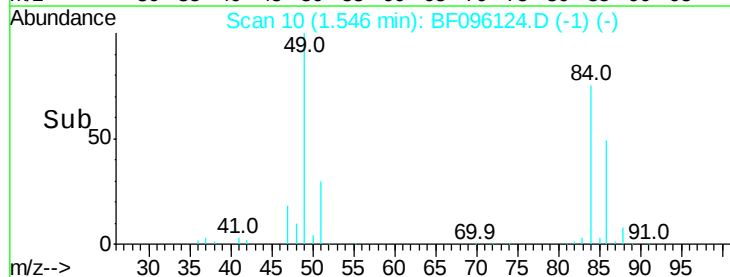
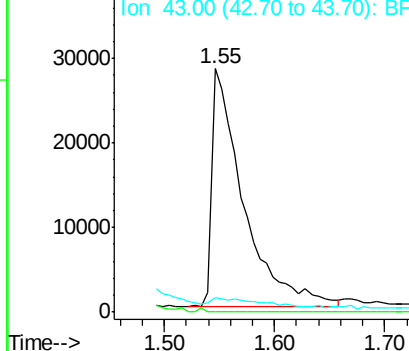
#2

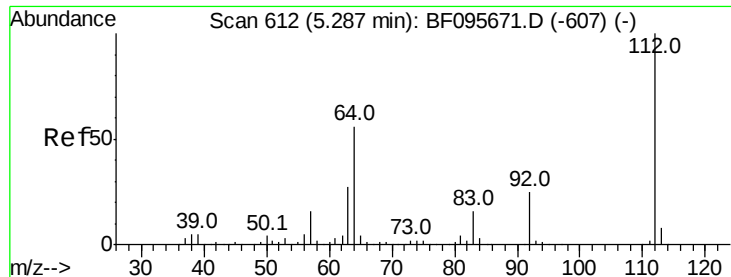
1,4-Dioxane
Concen: 20.88 ng
RT: 1.55 min Scan# 10
Delta R.T. -0.06 min
Lab File: BF096124.D
Acq: 22 Jun 2017 16:17

Tgt Ion: 88 Resp: 55087
Ion Ratio Lower Upper
88 100
58 0.3 61.4 92.0#
43 5.3 23.4 35.0#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 1.07 ng

RT: 5.30 min Scan# 649

Delta R.T. 0.12 min

Lab File: BF096124.D

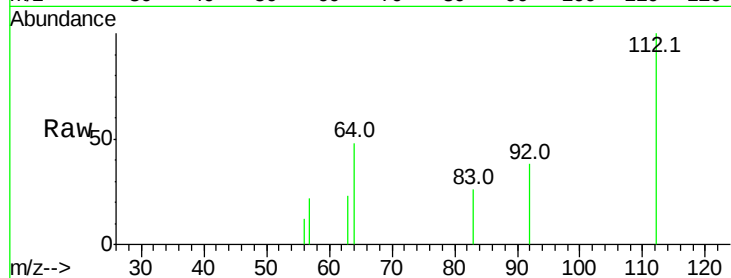
Acq: 22 Jun 2017 16:17

Instrument :

BNA_F

ClientSampleId :

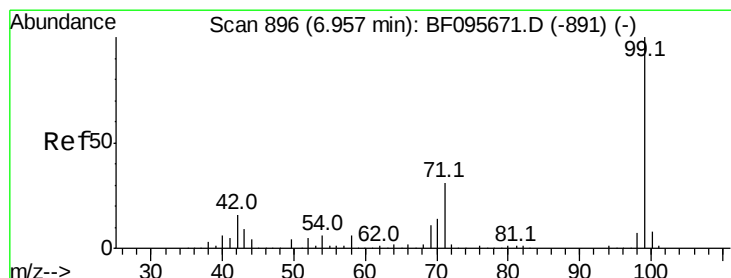
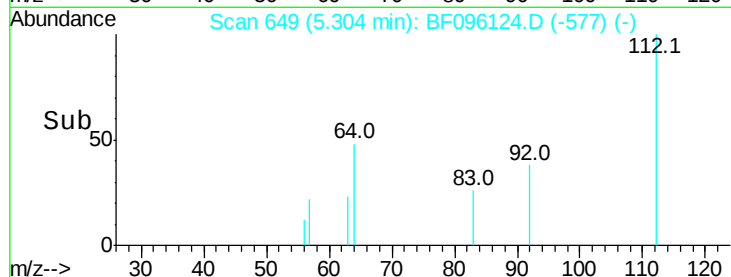
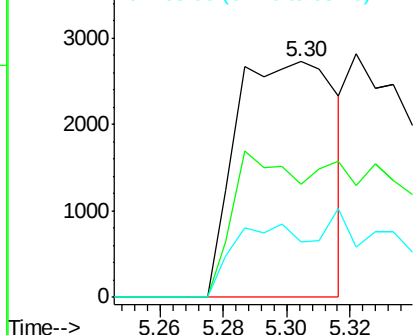
Tot Ion:	112	Resp:	5936
Ion	Ratio	Lower	Upper
112	100		
64	48.0	46.0	69.0
63	23.4	23.4	35.0



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: 2.87 ng

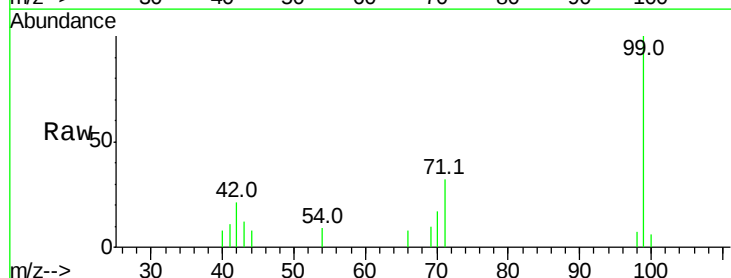
RT: 6.98 min Scan# 934

Delta R.T. 0.11 min

Lab File: BF096124.D

Acq: 22 Jun 2017 16:17

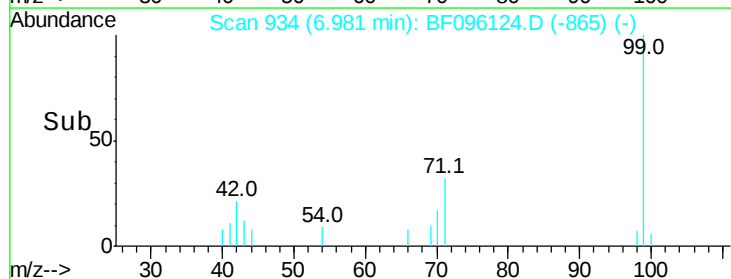
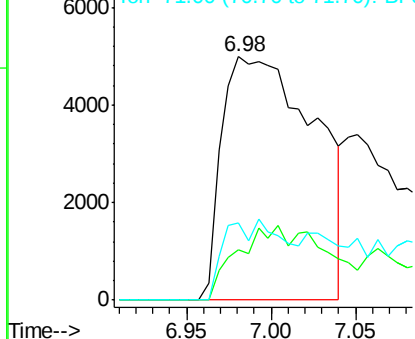
Tgt Ion:	99	Resp:	19028
Ion	Ratio	Lower	Upper
99	100		
42	20.6	13.5	20.3#
71	31.6	24.5	36.7



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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.31 min Scan# 1330

Delta R.T. -0.02 min

Lab File: BF096124.D

Acq: 22 Jun 2017 16:17

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 418008

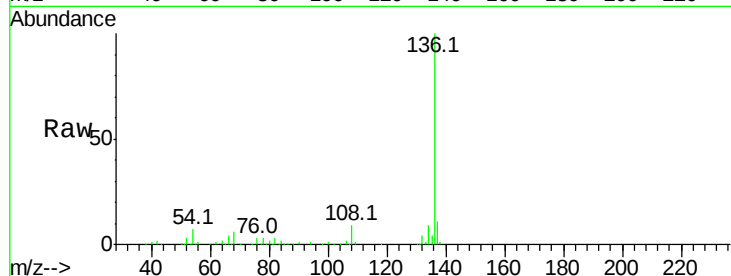
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 7.1 4.9 7.3

68 5.7 4.1 6.1

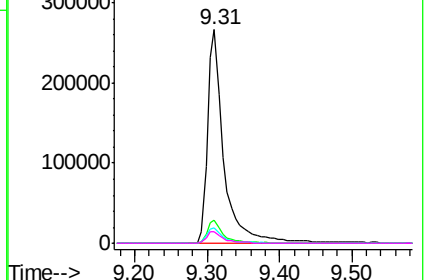
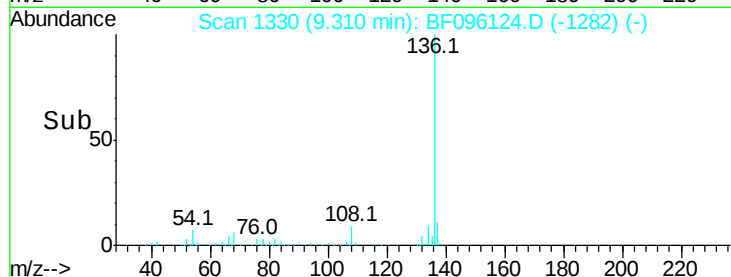


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 2.83 ng

RT: 8.27 min Scan# 1153

Delta R.T. 0.05 min

Lab File: BF096124.D

Acq: 22 Jun 2017 16:17

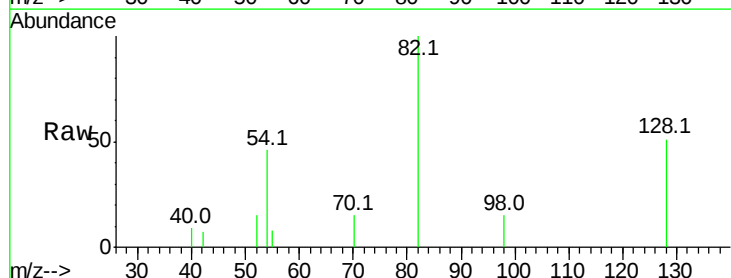
Tgt Ion: 82 Resp: 19026

Ion Ratio Lower Upper

82 100

128 51.3 34.0 51.0#

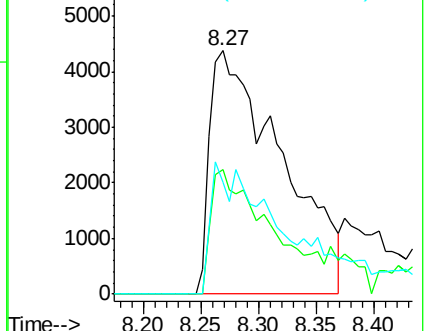
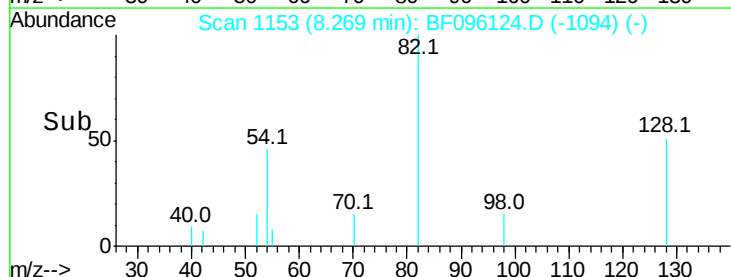
54 46.2 42.2 63.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.13 min Scan# 1809

Delta R.T. -0.02 min

Lab File: BF096124.D

Acq: 22 Jun 2017 16:17

Instrument :

BNA_F

ClientSampleId :

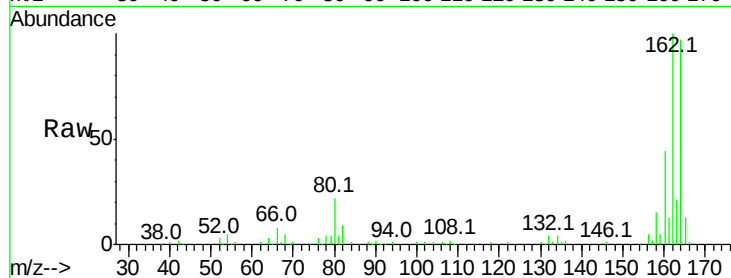
Tot Ion:164 Resp: 167194

Ion Ratio Lower Upper

164 100

162 103.0 82.6 123.8

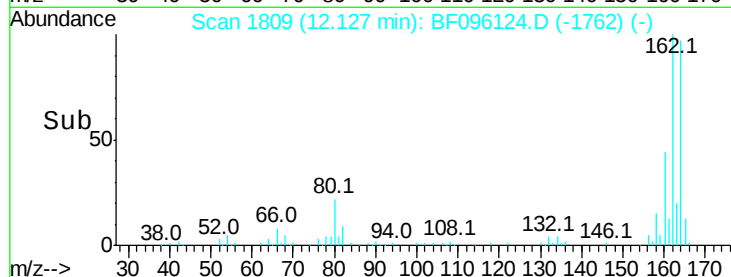
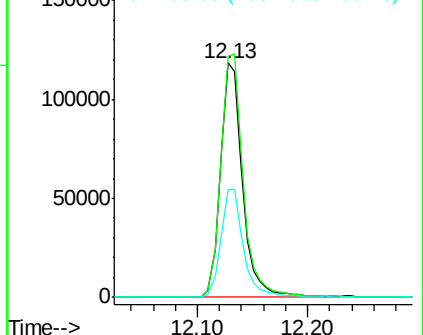
160 45.8 36.2 54.2



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: 2.92 ng

RT: 13.47 min Scan# 2037

Delta R.T. 0.02 min

Lab File: BF096124.D

Acq: 22 Jun 2017 16:17

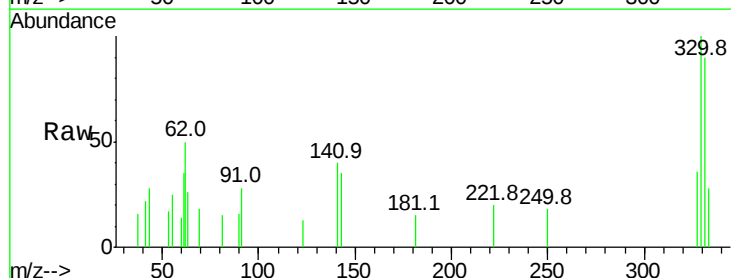
Tgt Ion:330 Resp: 4326

Ion Ratio Lower Upper

330 100

332 99.8 76.6 115.0

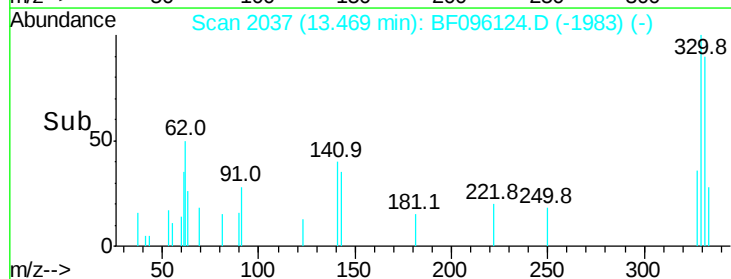
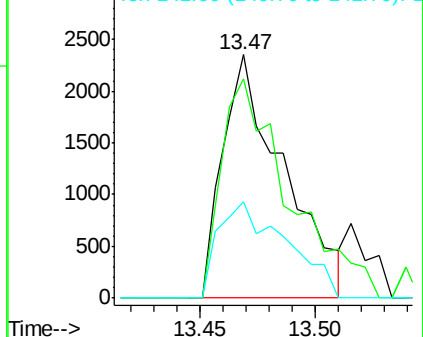
141 43.9 31.4 47.2



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

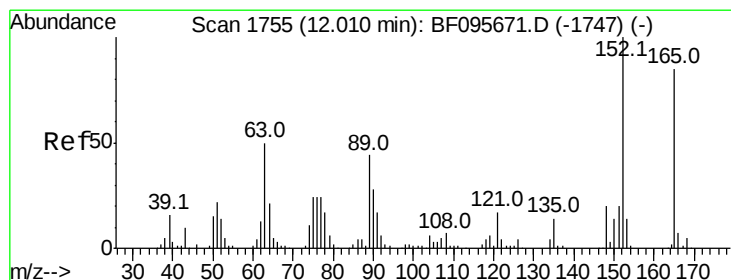
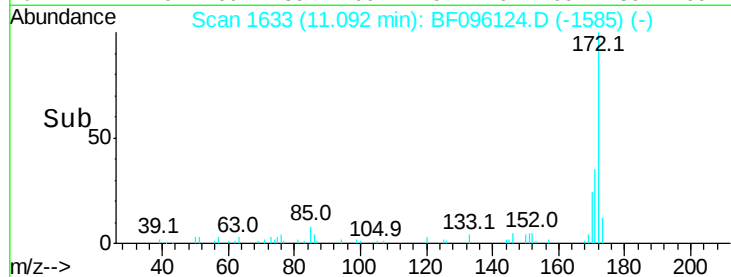
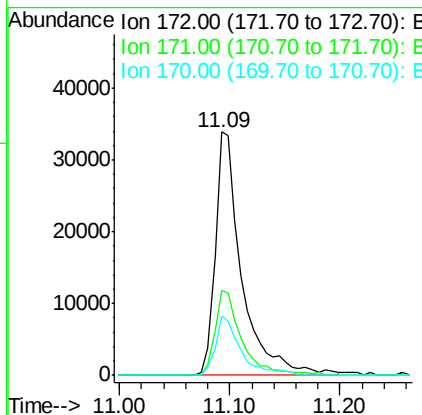
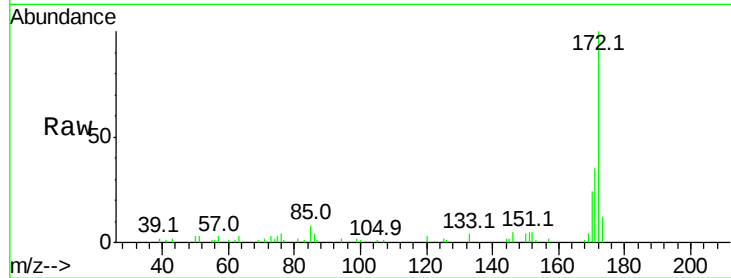




#44
 2-Fluorobiphenyl
 Concen: 4.69 ng
 RT: 11.09 min Scan# 1633
 Delta R.T. -0.02 min
 Lab File: BF096124.D
 Acq: 22 Jun 2017 16:17

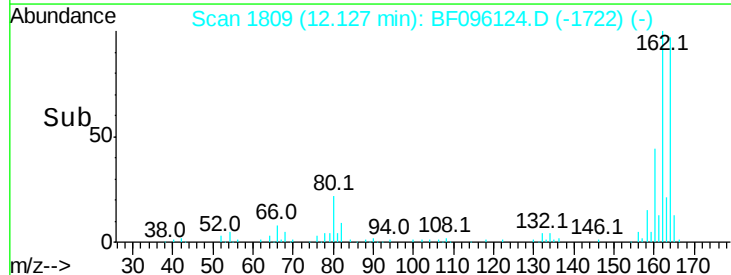
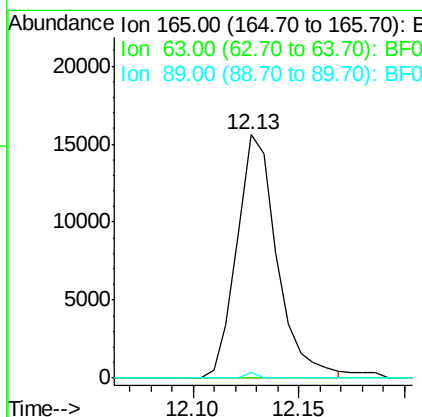
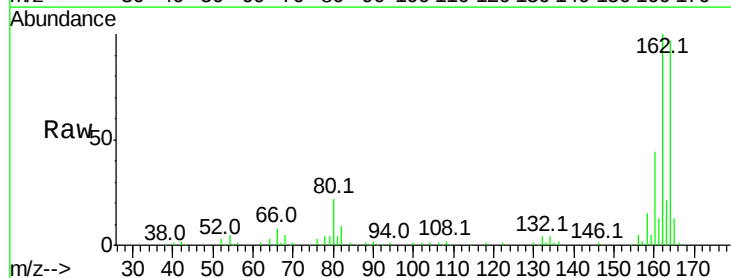
Instrument :
 BNA_F
 ClientSampleId :

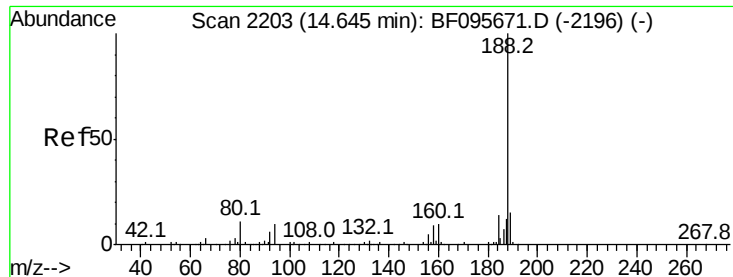
Tot Ion:172 Resp: 56348
 Ion Ratio Lower Upper
 172 100
 171 34.8 29.6 44.4
 170 24.3 19.8 29.8



#50
 2,6-Dinitrotoluene
 Concen: 7.45 ng
 RT: 12.13 min Scan# 1809
 Delta R.T. 0.21 min
 Lab File: BF096124.D
 Acq: 22 Jun 2017 16:17

Tgt Ion:165 Resp: 20635
 Ion Ratio Lower Upper
 165 100
 63 0.0 34.3 51.5#
 89 2.1 37.1 55.7#

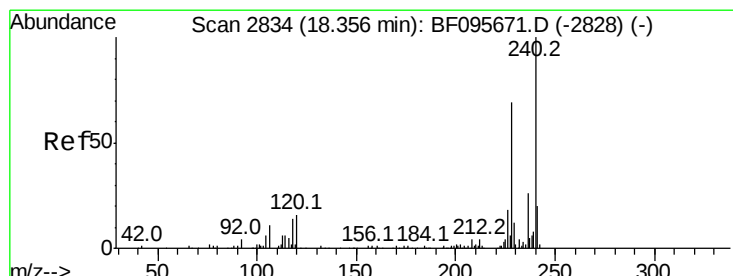
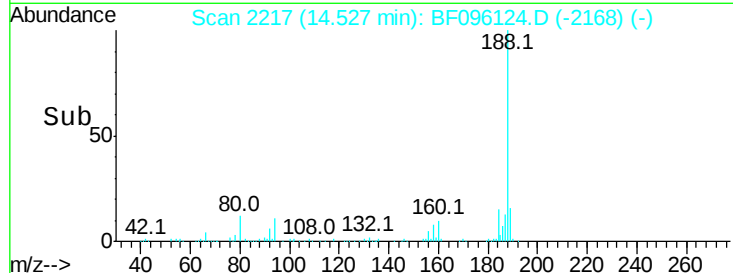
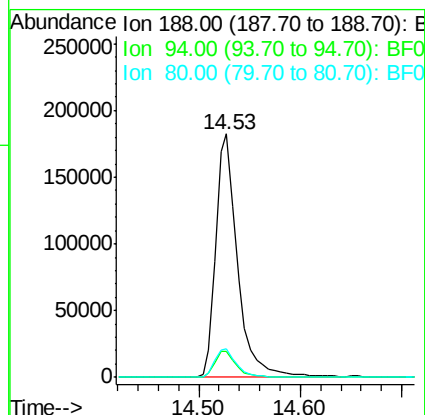
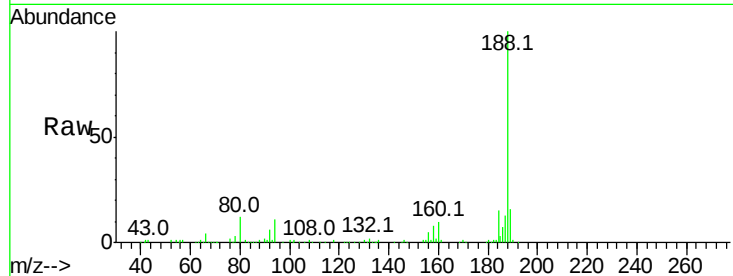




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.53 min Scan# 2217
Delta R.T. -0.01 min
Lab File: BF096124.D
Acq: 22 Jun 2017 16:17

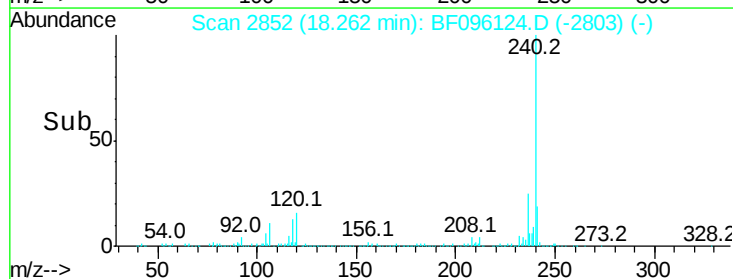
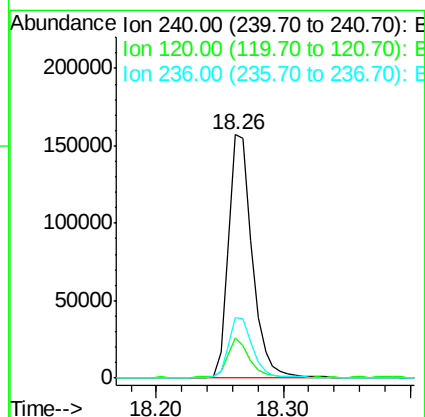
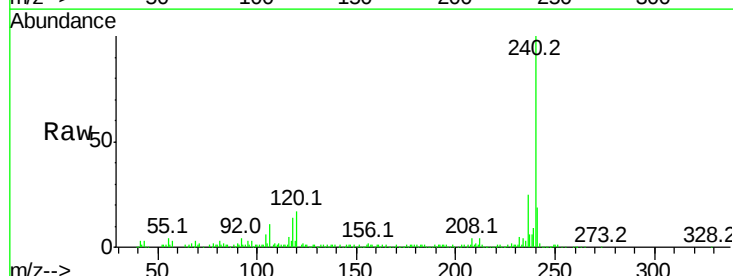
Instrument :
BNA_F
ClientSampled :

Tot Ion:188 Resp: 272655
Ion Ratio Lower Upper
188 100
94 10.6 9.4 14.2
80 11.7 10.2 15.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.26 min Scan# 2852
Delta R.T. -0.01 min
Lab File: BF096124.D
Acq: 22 Jun 2017 16:17

Tgt Ion:240 Resp: 203981
Ion Ratio Lower Upper
240 100
120 16.5 5.8 8.8#
236 24.9 20.5 30.7

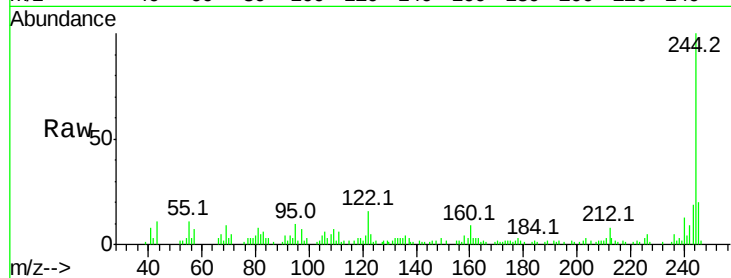




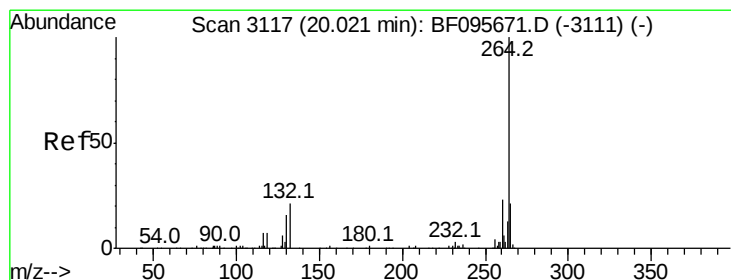
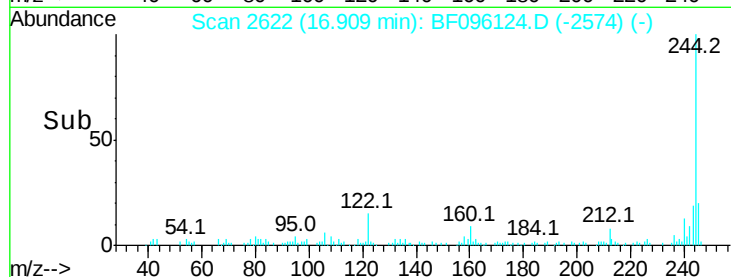
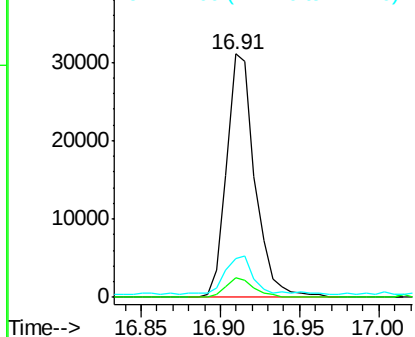
#78
 Terphenyl-d14
 Concen: 4.68 ng
 RT: 16.91 min Scan# 2622
 Delta R.T. -0.02 min
 Lab File: BF096124.D
 Acq: 22 Jun 2017 16:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 38438
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.0 9.0
 122 16.1 10.3 15.5#

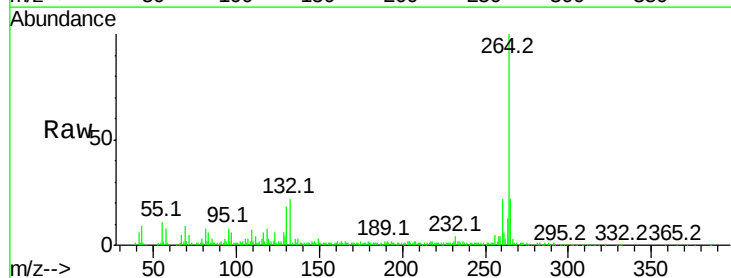


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 19.94 min Scan# 3138
 Delta R.T. 0.01 min
 Lab File: BF096124.D
 Acq: 22 Jun 2017 16:17

Tgt Ion:264 Resp: 159413
 Ion Ratio Lower Upper
 264 100
 260 22.2 19.5 29.3
 265 21.6 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

