

Data Path : Z:\HPCHEM1\BNA_F\Data\BF061917\
 Data File : BF096041.D
 Acq On : 20 Jun 2017 12:16
 Operator : SJ/MA
 Sample : I3686-03 5X
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-S5-WSW

Quant Time: Jun 20 14:07:50 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 16 17:12:03 2017
 Response via : Initial Calibration

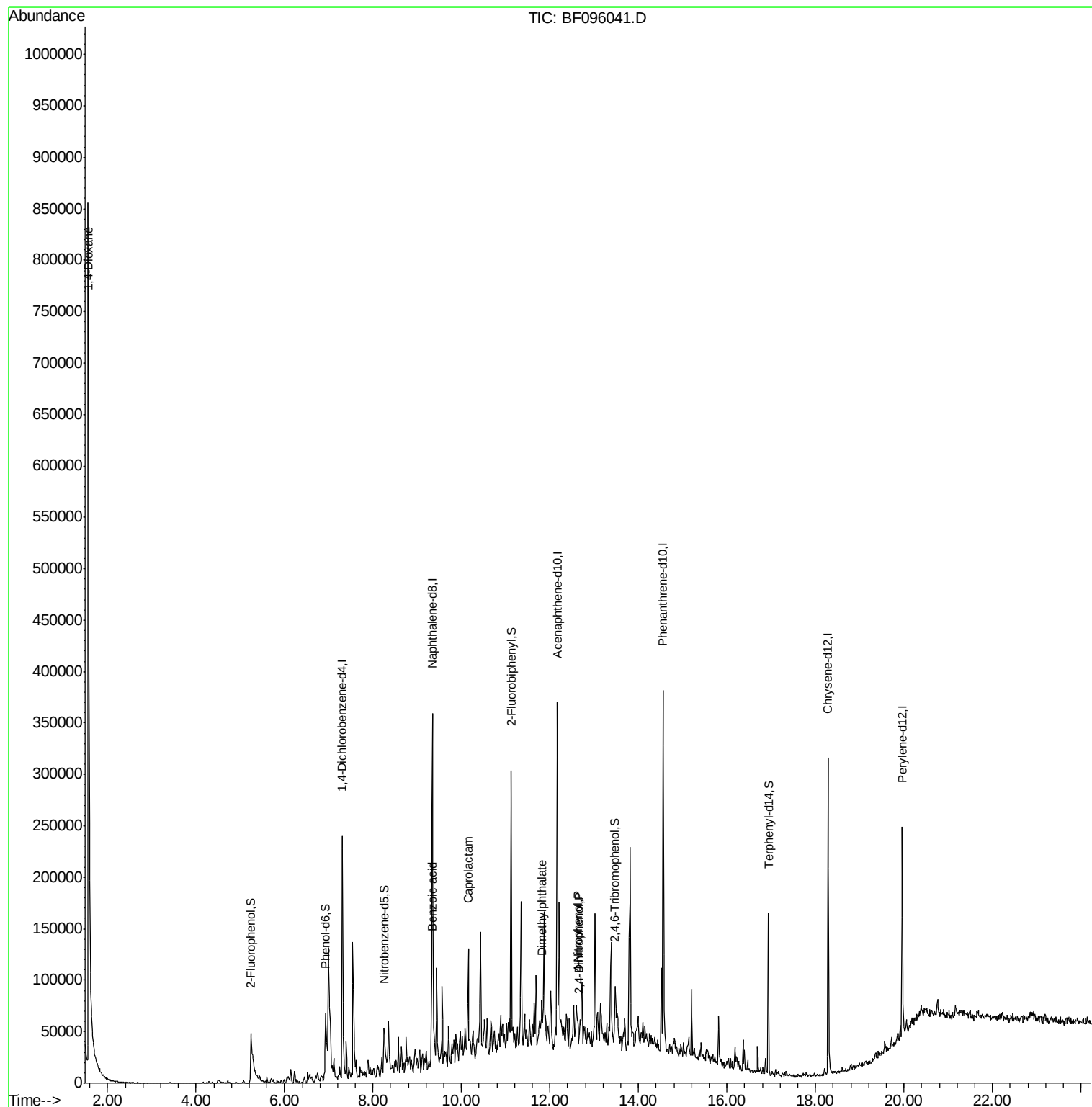
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.30	152	59887	20.00	ng	-0.02
21) Naphthalene-d8	9.34	136	235607	20.00	ng	-0.02
38) Acenaphthene-d10	12.16	164	92327	20.00	ng	-0.02
63) Phenanthrene-d10	14.56	188	153197	20.00	ng	-0.01
75) Chrysene-d12	18.29	240	128902	20.00	ng	-0.01
86) Perylene-d12	19.96	264	93050	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	59454	15.82	ng	0.02
7) Phenol-d6	6.93	99	88245	19.61	ng	0.02
23) Nitrobenzene-d5	8.25	82	41336	10.90	ng	0.00
41) 2,4,6-Tribromophenol	13.47	330	11187	13.69	ng	0.00
44) 2-Fluorobiphenyl	11.12	172	79858	12.04	ng	-0.02
78) Terphenyl-d14	16.93	244	56628	10.90	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	1.56	88	43506	24.333	ng	# 21
32) Benzoic acid	9.32	122	119	5.168	ng	# 56
35) Caprolactam	10.15	113	3178	3.367	ng	# 45
49) Dimethylphthalate	11.82	163	14646	2.089	ng	99
53) 2,4-Dinitrophenol	12.65	184	113	6.595	ng	# 4
55) 4-Nitrophenol	12.63	139	134	4.748	ng	# 1

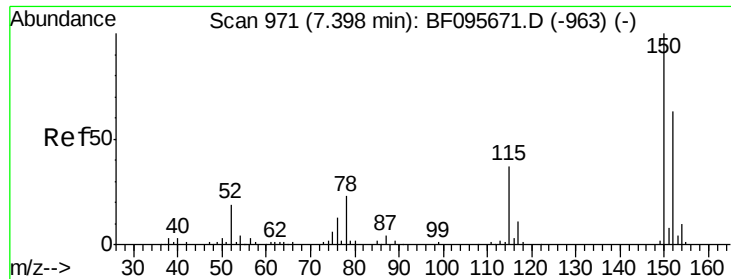
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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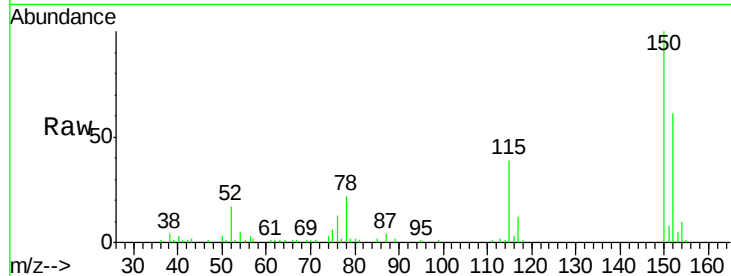


#1

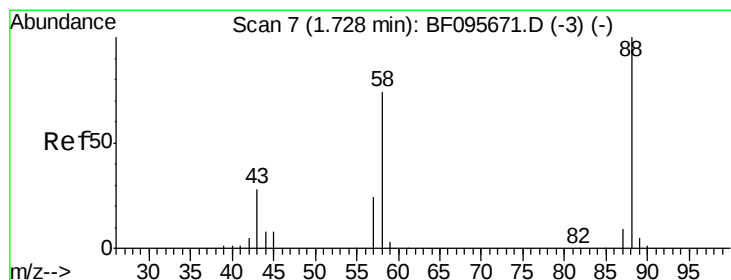
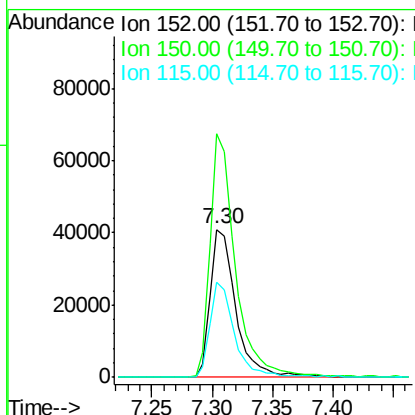
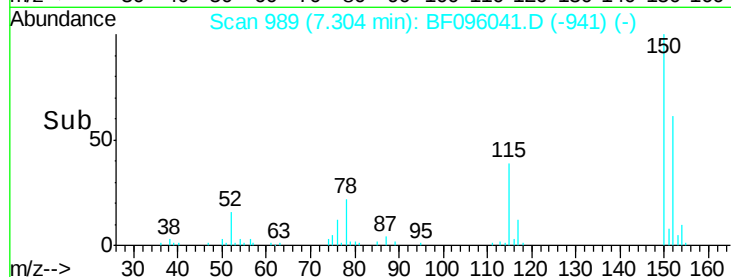
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.30 min Scan# 989
Delta R.T. -0.02 min
Lab File: BF096041.D
Acq: 20 Jun 2017 12:16

Instrument :
BNA_F
ClientSampleId :
E2-S5-WSW

Tgt Ion:152 Resp: 59887
Ion Ratio Lower Upper
152 100
150 164.5 126.2 189.2
115 64.0 52.2 78.2



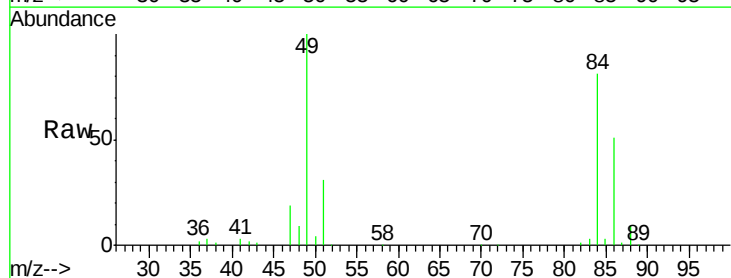
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



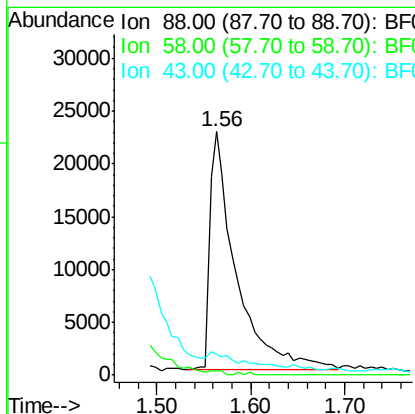
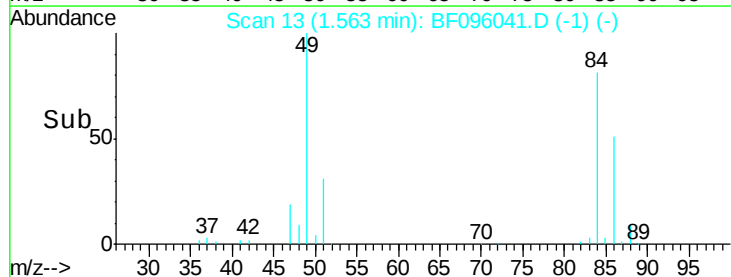
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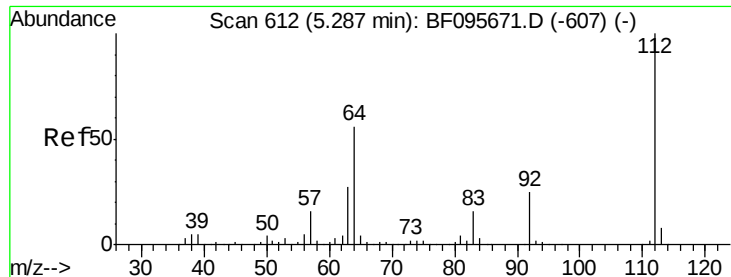
1,4-Dioxane
Concen: 24.333 ng
RT: 1.56 min Scan# 13
Delta R.T. -0.07 min
Lab File: BF096041.D
Acq: 20 Jun 2017 12:16

Tgt Ion: 88 Resp: 43506
Ion Ratio Lower Upper
88 100
58 0.0 61.4 92.0#
43 0.0 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: 15.819 ng

RT: 5.24 min Scan# 638

Delta R.T. 0.02 min

Lab File: BF096041.D

Acq: 20 Jun 2017 12:16

Instrument :

BNA_F

ClientSampleId :

E2-S5-WSW

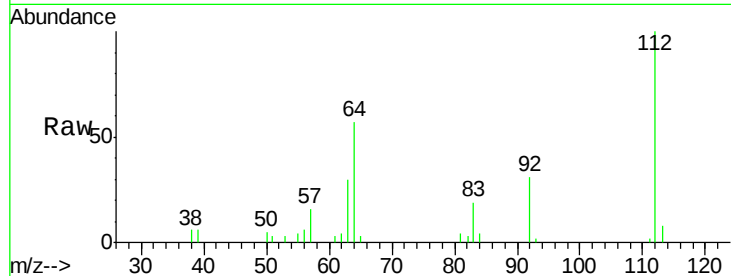
Tgt Ion: 112 Resp: 59454

Ion Ratio Lower Upper

112 100

64 56.8 46.0 69.0

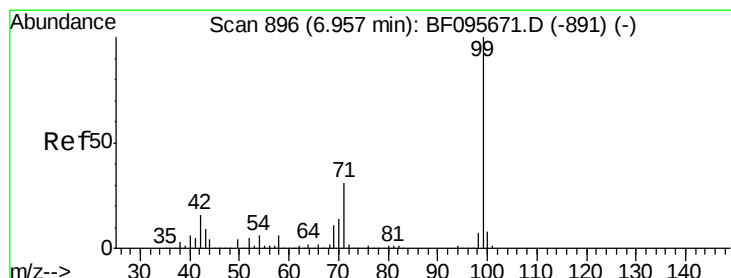
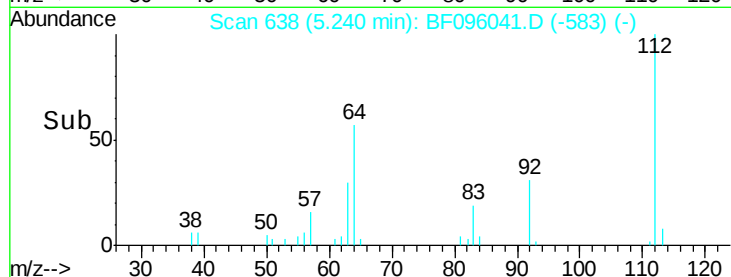
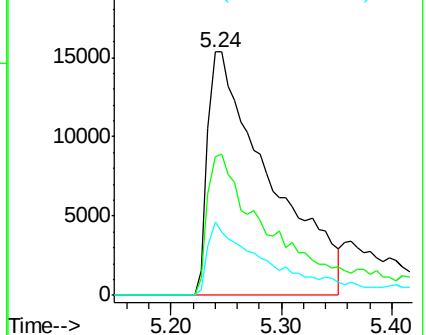
63 29.9 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): BF0

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#7

Phenol-d6

Concen: 19.613 ng

RT: 6.93 min Scan# 925

Delta R.T. 0.02 min

Lab File: BF096041.D

Acq: 20 Jun 2017 12:16

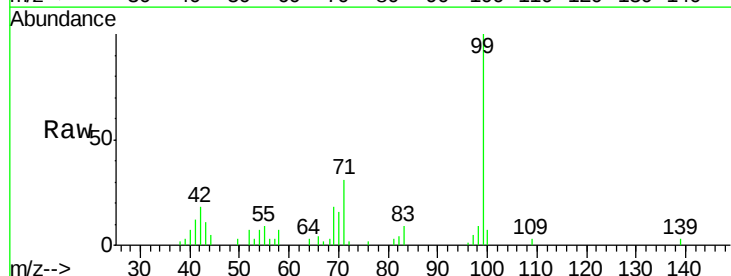
Tgt Ion: 99 Resp: 88245

Ion Ratio Lower Upper

99 100

42 17.7 13.5 20.3

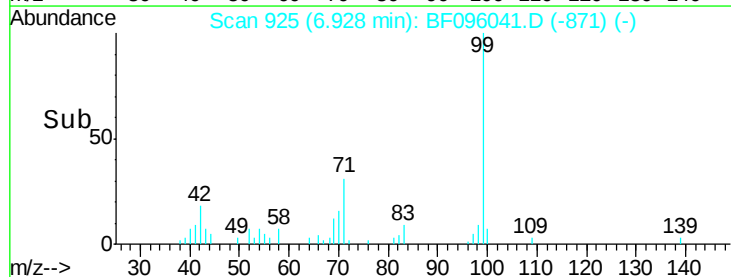
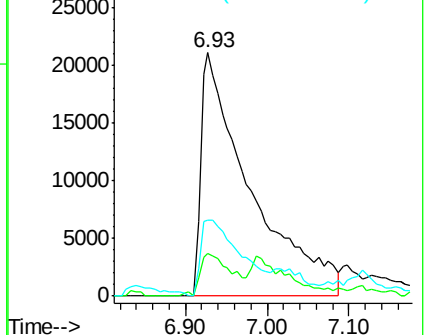
71 30.9 24.5 36.7

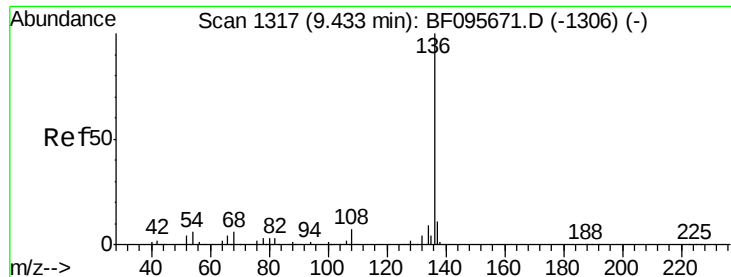


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

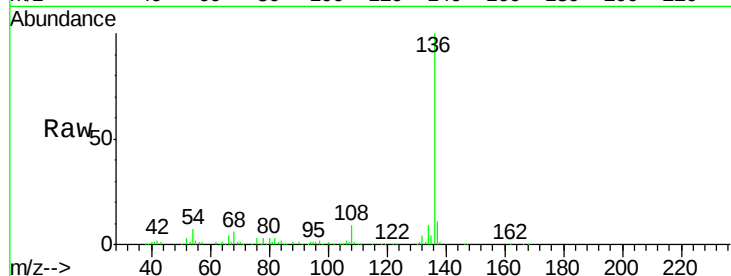




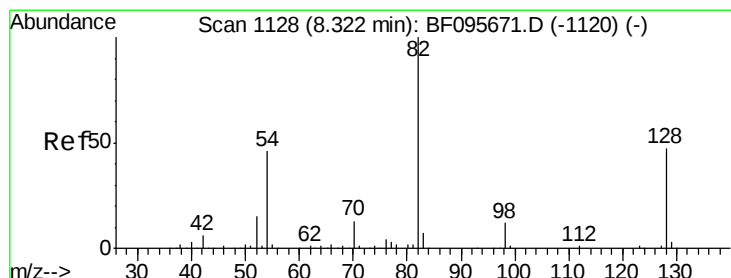
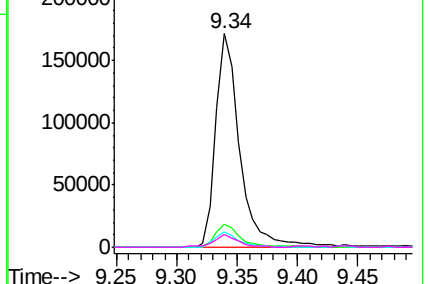
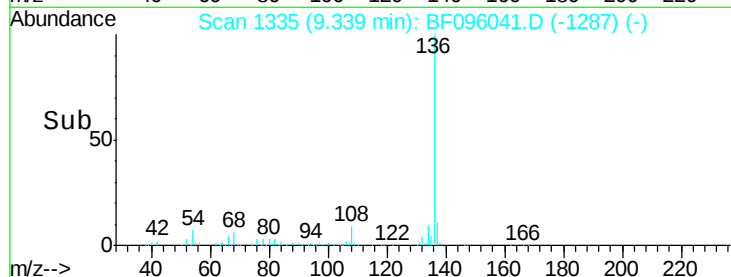
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 9.34 min Scan# 1335
Delta R.T. -0.02 min
Lab File: BF096041.D
Acq: 20 Jun 2017 12:16

Instrument :
BNA_F
ClientSampleId :
E2-S5-WSW

Tgt Ion:	136	Resp:	235607
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	7.0	4.9	7.3
68	5.8	4.1	6.1

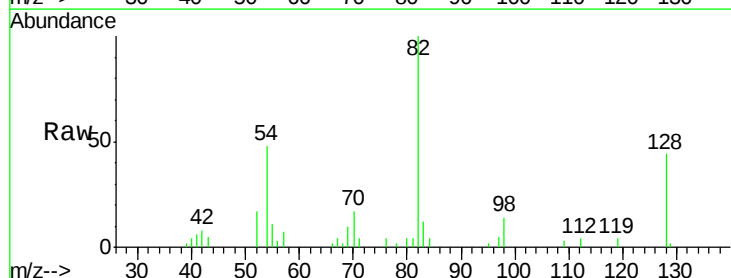


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

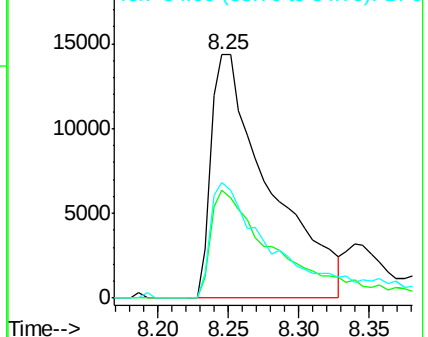
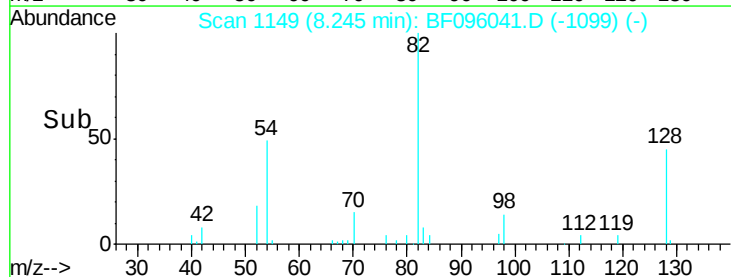


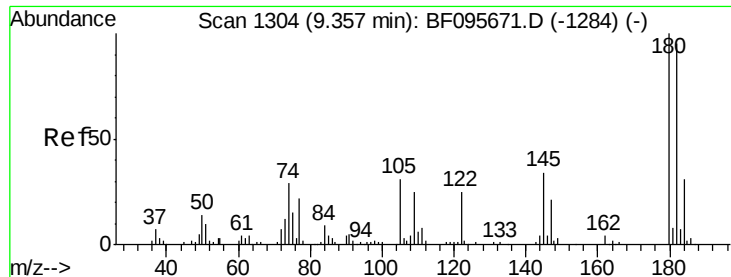
#23
Nitrobenzene-d5
Concen: 10.896 ng
RT: 8.25 min Scan# 1149
Delta R.T. -0.01 min
Lab File: BF096041.D
Acq: 20 Jun 2017 12:16

Tgt Ion:	82	Resp:	41336
Ion	Ratio	Lower	Upper
82	100		
128	44.3	34.0	51.0
54	47.6	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

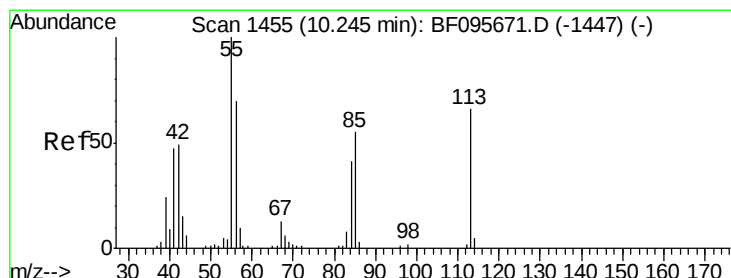
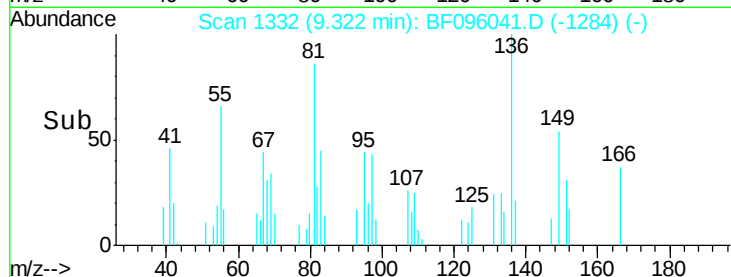
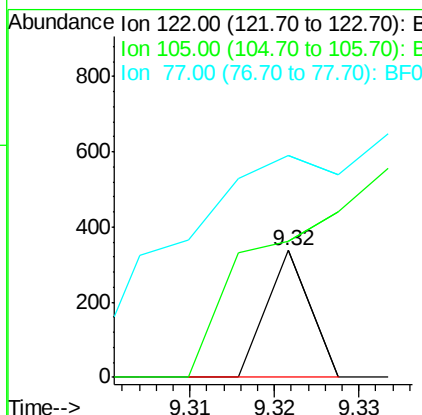
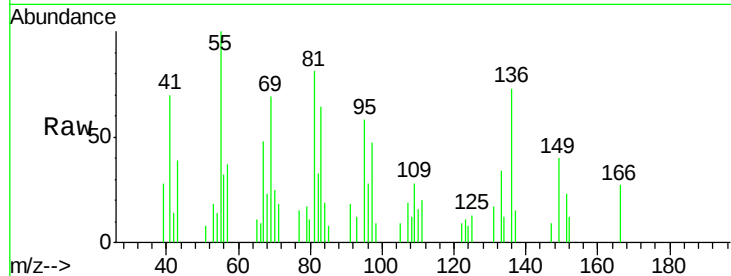




#32
Benzoic acid
Concen: 5.168 ng
RT: 9.32 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BF096041.D
Acq: 20 Jun 2017 12:16

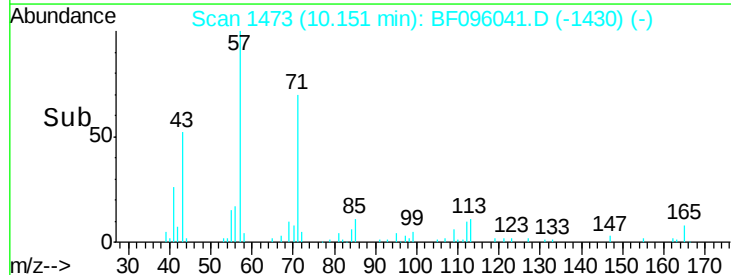
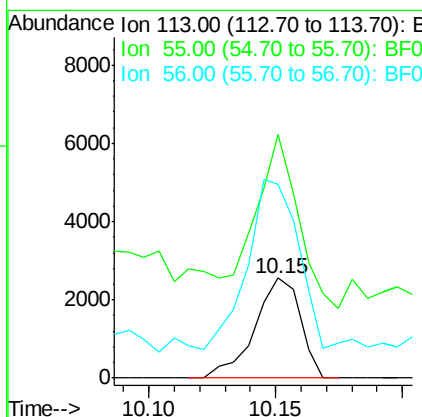
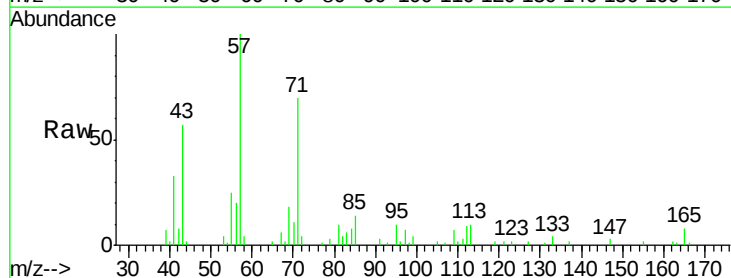
Instrument :
BNA_F
ClientSampleId :
E2-S5-WSW

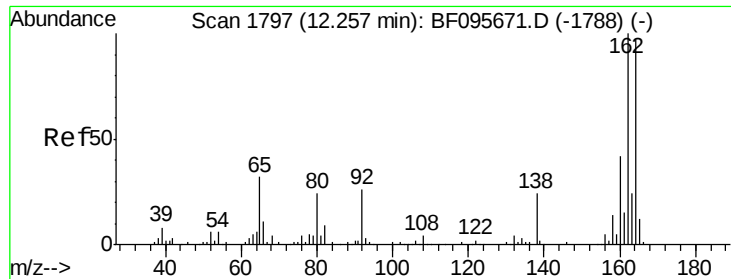
Tgt Ion:122 Resp: 119
Ion Ratio Lower Upper
122 100
105 107.7 103.3 143.3
77 174.6 73.7 113.7#



#35
Caprolactam
Concen: 3.367 ng
RT: 10.15 min Scan# 1473
Delta R.T. -0.05 min
Lab File: BF096041.D
Acq: 20 Jun 2017 12:16

Tgt Ion:113 Resp: 3178
Ion Ratio Lower Upper
113 100
55 243.1 150.2 190.2#
56 193.2 107.8 147.8#

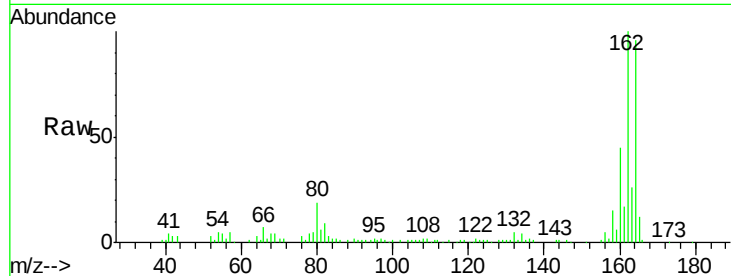




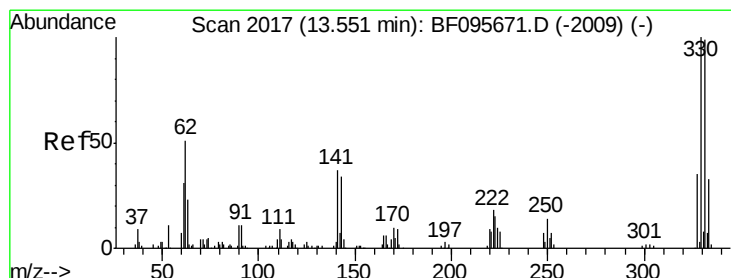
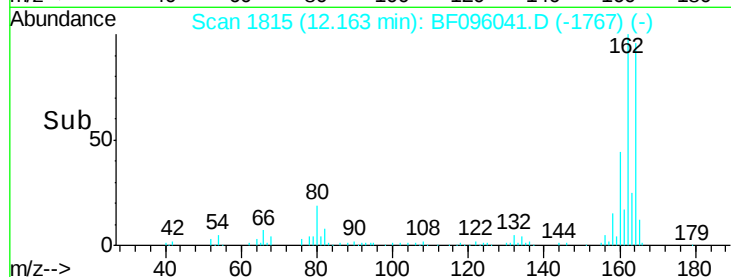
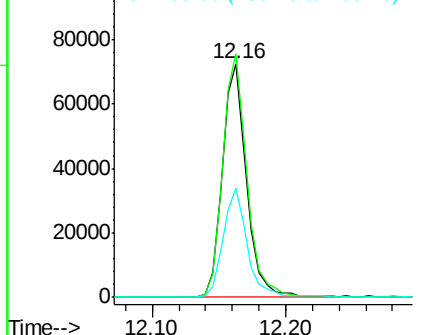
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 12.16 min Scan# 1815
 Delta R.T. -0.02 min
 Lab File: BF096041.D
 Acq: 20 Jun 2017 12:16

Instrument :
 BNA_F
 ClientSampleId :
 E2-S5-WSW

Tgt Ion:164 Resp: 92327
 Ion Ratio Lower Upper
 164 100
 162 104.2 82.6 123.8
 160 46.8 36.2 54.2

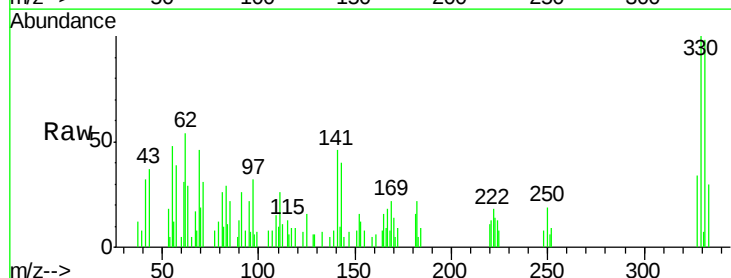


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

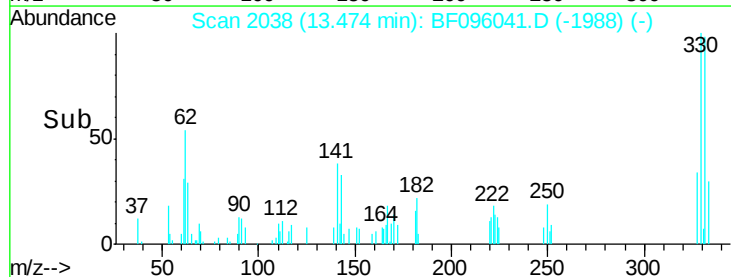
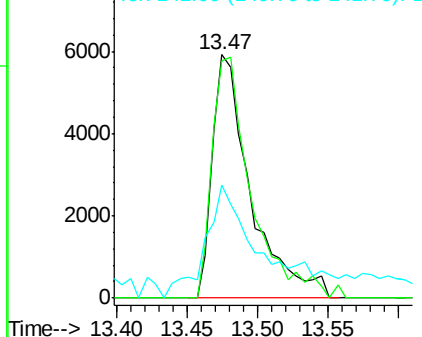


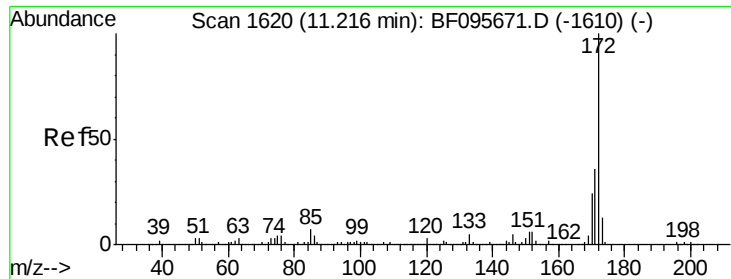
#41
 2,4,6-Tribromophenol
 Concen: 13.695 ng
 RT: 13.47 min Scan# 2038
 Delta R.T. -0.01 min
 Lab File: BF096041.D
 Acq: 20 Jun 2017 12:16

Tgt Ion:330 Resp: 11187
 Ion Ratio Lower Upper
 330 100
 332 101.6 76.6 115.0
 141 69.5 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

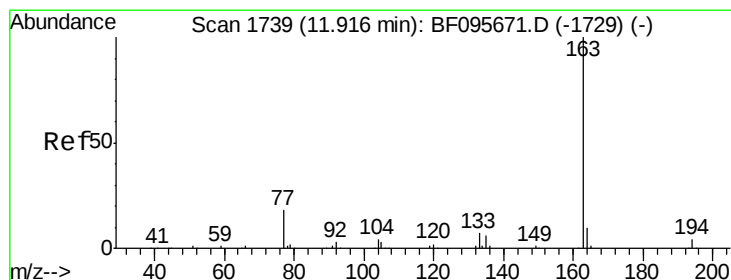
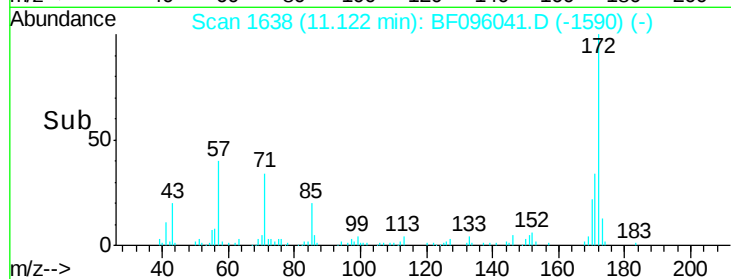
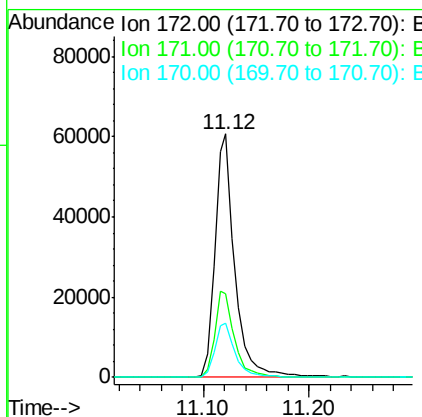
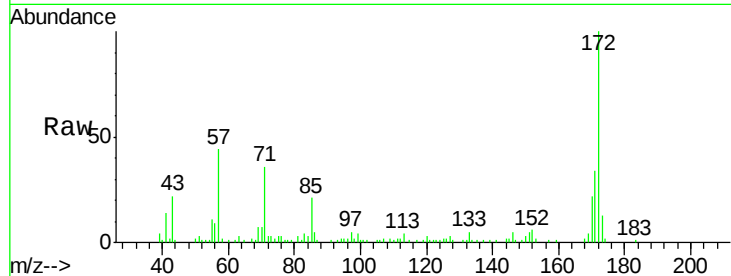




#44
2-Fluorobiphenyl
Concen: 12.036 ng
RT: 11.12 min Scan# 1638
Delta R.T. -0.02 min
Lab File: BF096041.D
Acq: 20 Jun 2017 12:16

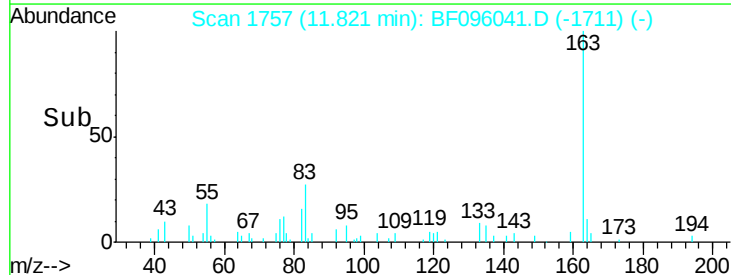
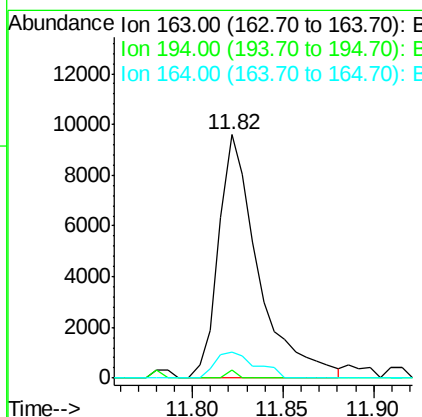
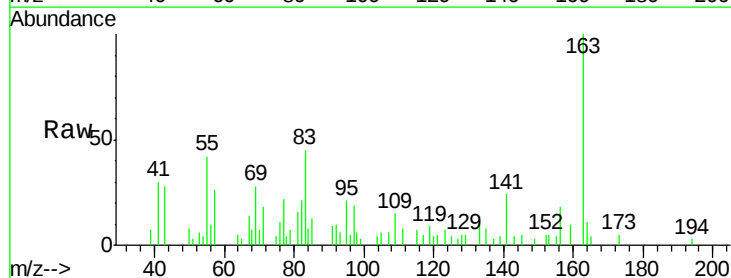
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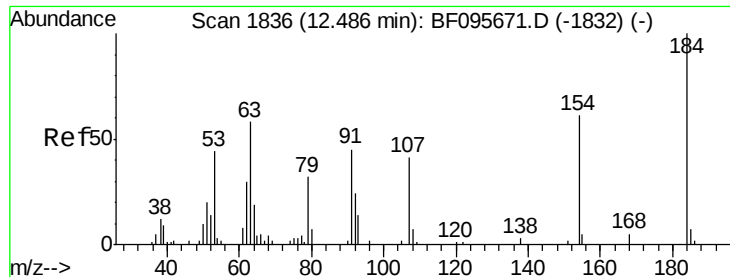
Tgt Ion:172 Resp: 79858
Ion Ratio Lower Upper
172 100
171 34.1 29.6 44.4
170 22.4 19.8 29.8



#49
Dimethylphthalate
Concen: 2.089 ng
RT: 11.82 min Scan# 1757
Delta R.T. -0.03 min
Lab File: BF096041.D
Acq: 20 Jun 2017 12:16

Tgt Ion:163 Resp: 14646
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 10.9 8.4 12.6

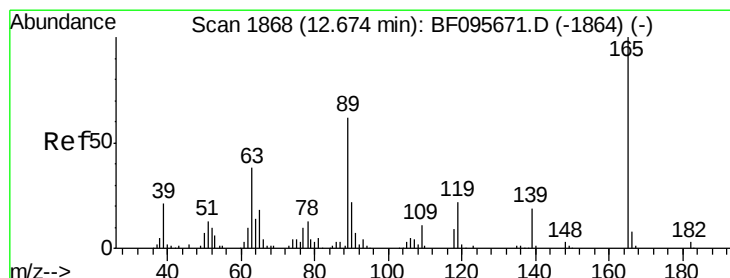
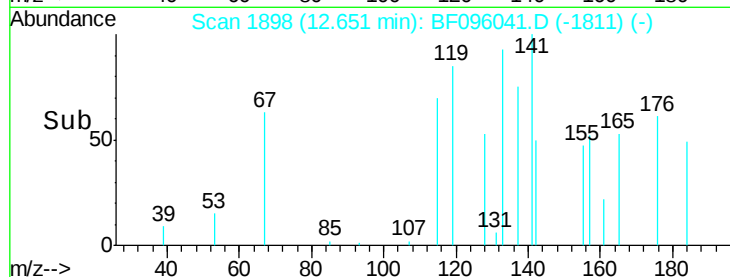
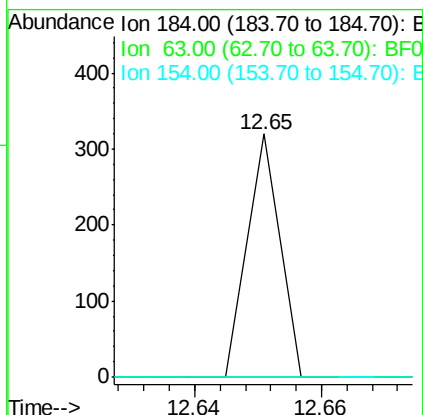
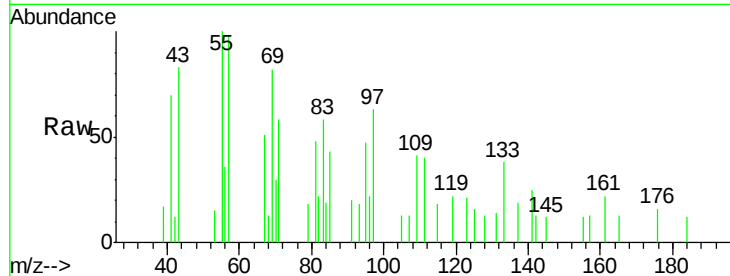




#53
 2,4-Dinitrophenol
 Concen: 6.595 ng
 RT: 12.65 min Scan# 1898
 Delta R.T. 0.21 min
 Lab File: BF096041.D
 Acq: 20 Jun 2017 12:16

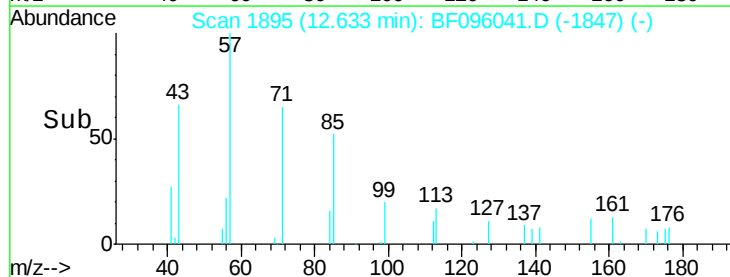
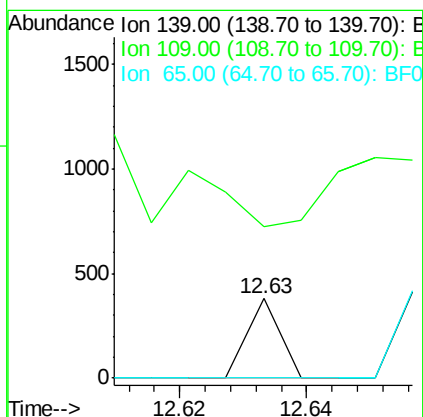
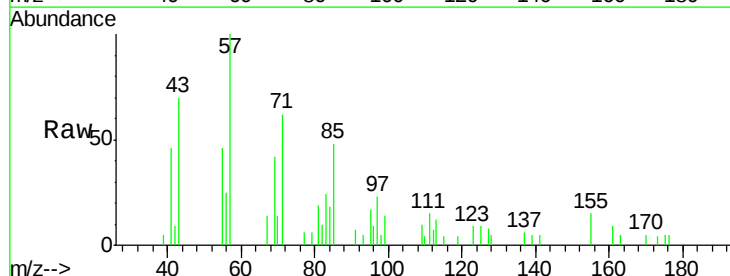
Instrument :
 BNA_F
 ClientSampleId :
 E2-S5-WSW

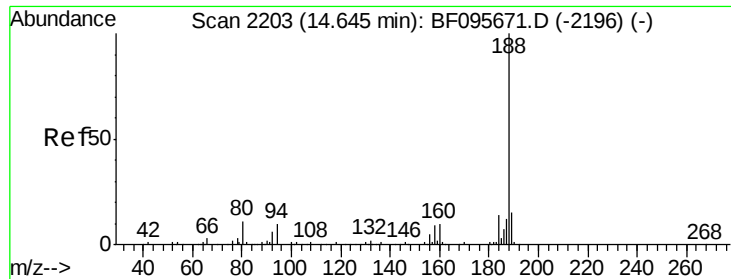
Tgt Ion:184 Resp: 113
 Ion Ratio Lower Upper
 184 100
 63 0.0 62.7 94.1#
 154 0.0 81.1 121.7#



#55
 4-Nitrophenol
 Concen: 4.748 ng
 RT: 12.63 min Scan# 1895
 Delta R.T. -0.02 min
 Lab File: BF096041.D
 Acq: 20 Jun 2017 12:16

Tgt Ion:139 Resp: 134
 Ion Ratio Lower Upper
 139 100
 109 191.0 34.1 74.1#
 65 0.0 31.4 71.4#

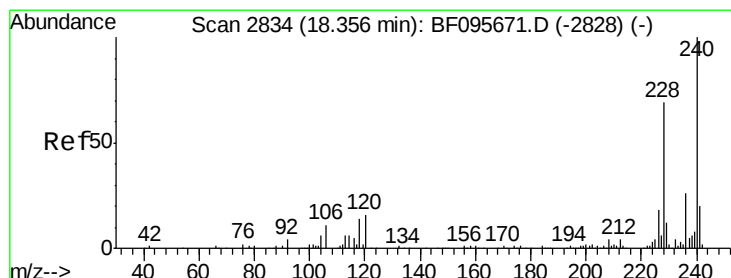
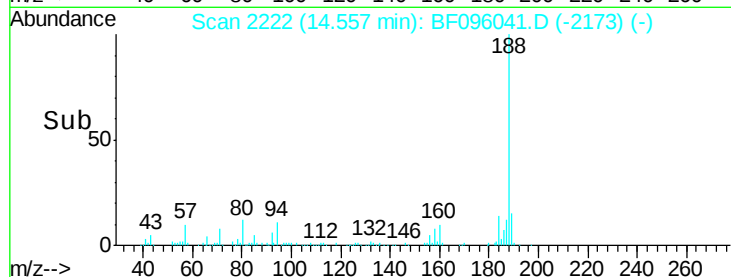
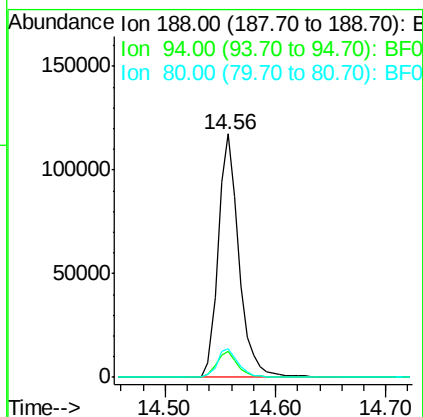
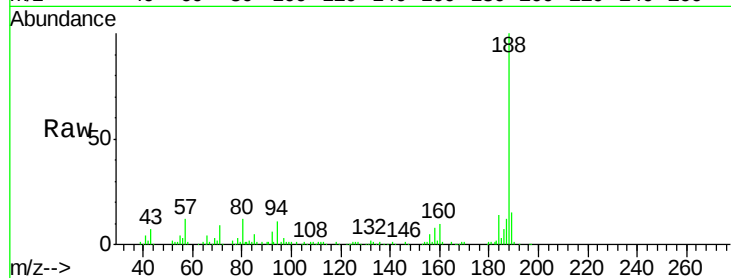




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 14.56 min Scan# 2222
Delta R.T. -0.01 min
Lab File: BF096041.D
Acq: 20 Jun 2017 12:16

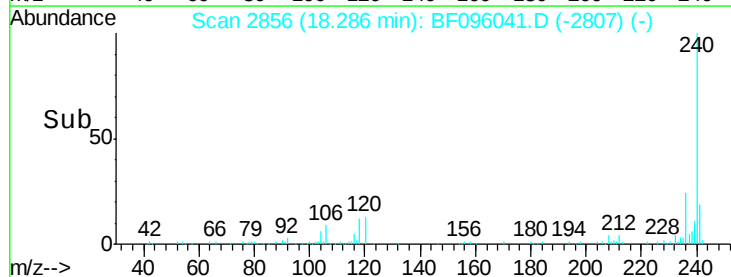
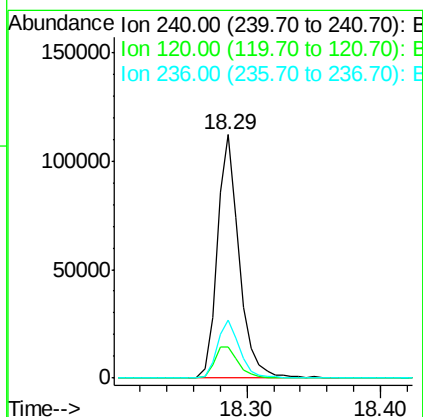
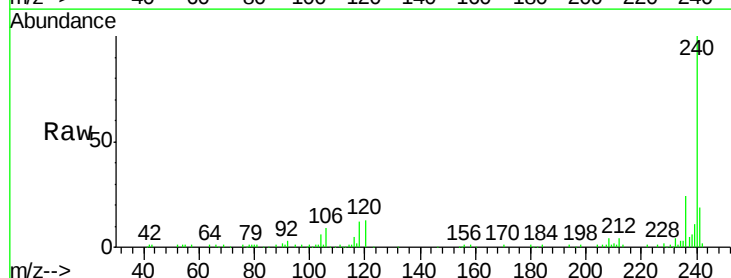
Instrument :
BNA_F
ClientSampleId :
E2-S5-WSW

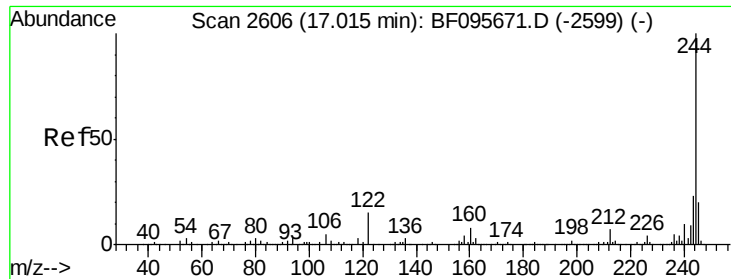
Tgt Ion:188 Resp: 153197
Ion Ratio Lower Upper
188 100
94 10.6 9.4 14.2
80 11.9 10.2 15.2



#75
Chrysene-d12
Concen: 20.000 ng
RT: 18.29 min Scan# 2856
Delta R.T. -0.01 min
Lab File: BF096041.D
Acq: 20 Jun 2017 12:16

Tgt Ion:240 Resp: 128902
Ion Ratio Lower Upper
240 100
120 13.0 5.8 8.8#
236 24.1 20.5 30.7

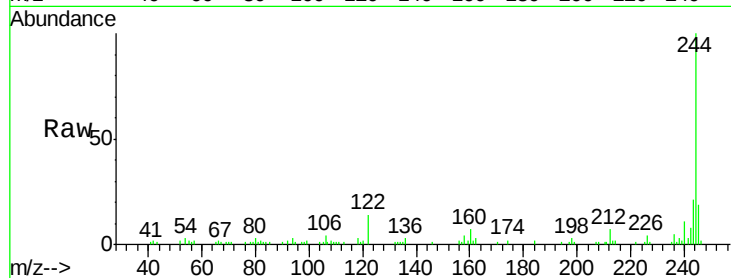




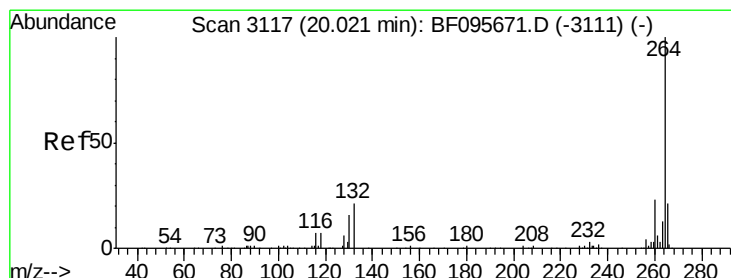
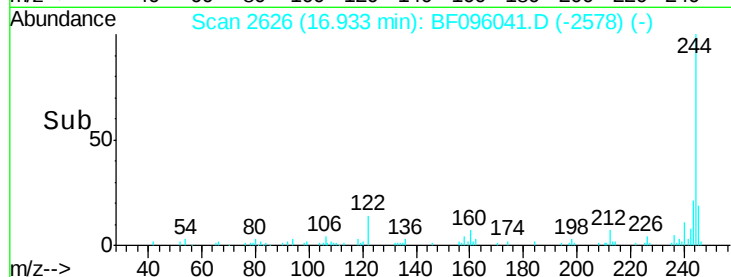
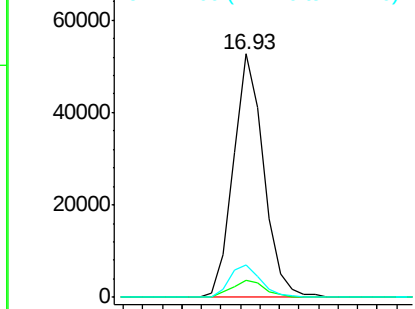
#78
 Terphenyl-d14
 Concen: 10.903 ng
 RT: 16.93 min Scan# 2626
 Delta R.T. -0.02 min
 Lab File: BF096041.D
 Acq: 20 Jun 2017 12:16

Instrument :
 BNA_F
 ClientSampleId :
 E2-S5-WSW

Tgt Ion:244 Resp: 56628
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 13.5 10.3 15.5

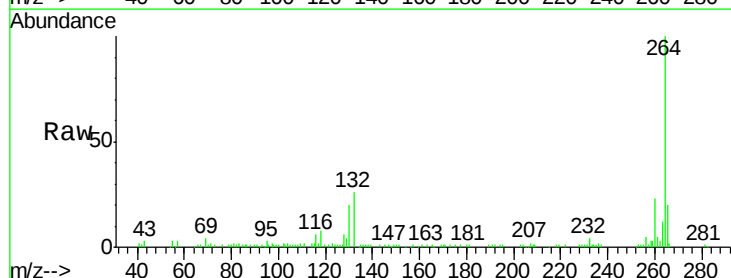


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 19.96 min Scan# 3140
 Delta R.T. -0.01 min
 Lab File: BF096041.D
 Acq: 20 Jun 2017 12:16

Tgt Ion:264 Resp: 93050
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.5 29.3
 265 20.1 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

