

Data Path : Z:\HPCHEM1\BNA F\DATA\BF053117\
 Data File : BF095586.D
 Acq On : 1 Jun 2017 4:53
 Operator : SJ/MA
 Sample : I3355-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 01 07:42:11 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 01 04:09:22 2017
 Response via : Initial Calibration

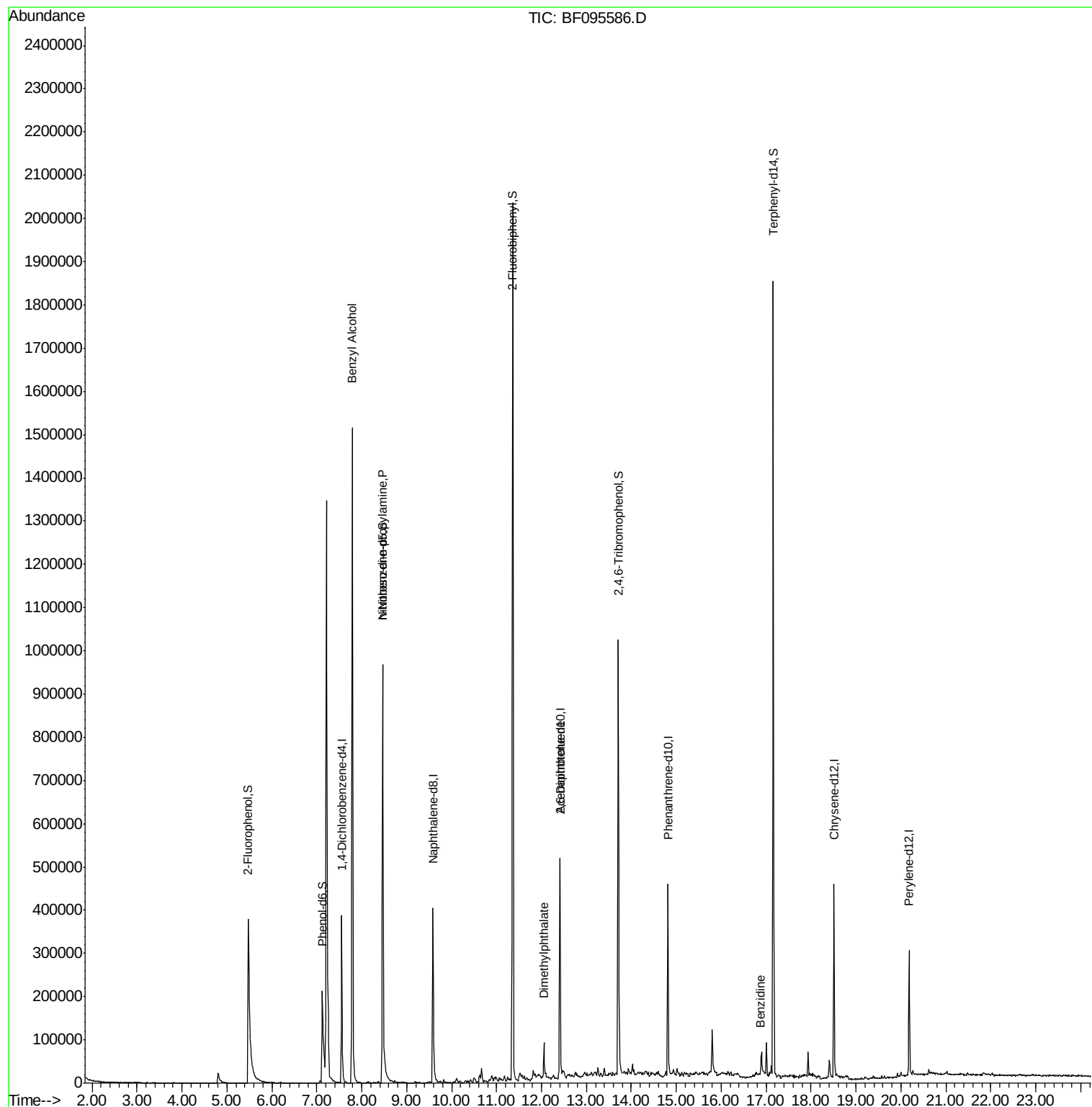
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	91993	20.00	ng	0.00
21) Naphthalene-d8	9.58	136	307840	20.00	ng	0.00
38) Acenaphthene-d10	12.41	164	145919	20.00	ng	0.00
63) Phenanthrene-d10	14.81	188	220023	20.00	ng	0.00
75) Chrysene-d12	18.51	240	196609	20.00	ng	0.00
86) Perylene-d12	20.18	264	131266	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	350769	63.57	ng	0.01
7) Phenol-d6	7.12	99	249833	37.74	ng	0.00
23) Nitrobenzene-d5	8.47	82	505560	103.56	ng	0.00
41) 2,4,6-Tribromophenol	13.71	330	170651	142.80	ng	0.00
44) 2-Fluorobiphenyl	11.36	172	925988	91.34	ng	0.00
78) Terphenyl-d14	17.16	244	696575	78.04	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.79	79	8618	2.02	ng	# 38
19) n-Nitroso-di-n-propylamine	8.47	70	62704	14.00	ng	# 76
49) Dimethylphthalate	12.05	163	42958	3.59	ng	98
50) 2,6-Dinitrotoluene	12.41	165	18414	7.53	ng	# 35
76) Benzidine	16.87	184	685	6.70	ng	# 62

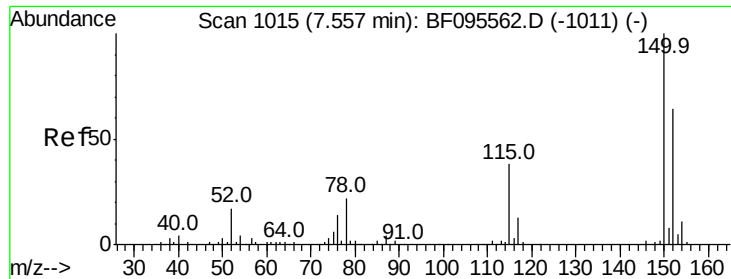
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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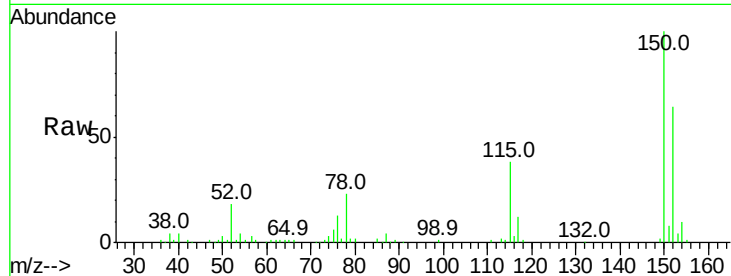


#1

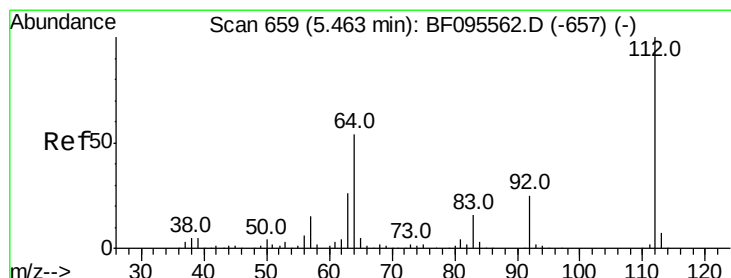
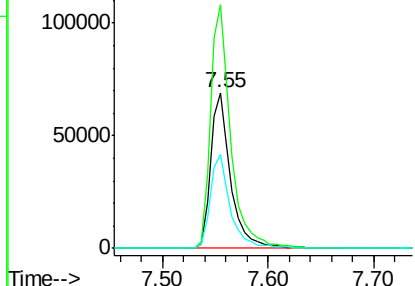
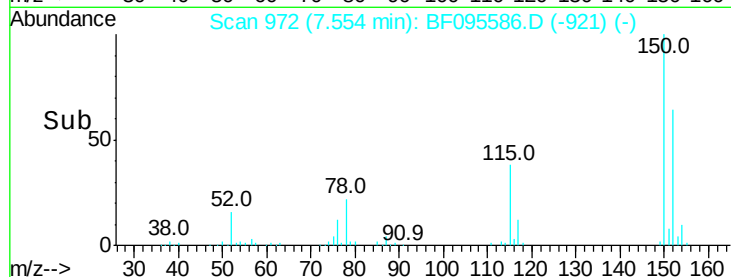
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.55 min Scan# 972
 Delta R.T. -0.00 min
 Lab File: BF095586.D
 Acq: 1 Jun 2017 4:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	126.2	189.2
115	60.0	52.2	78.2



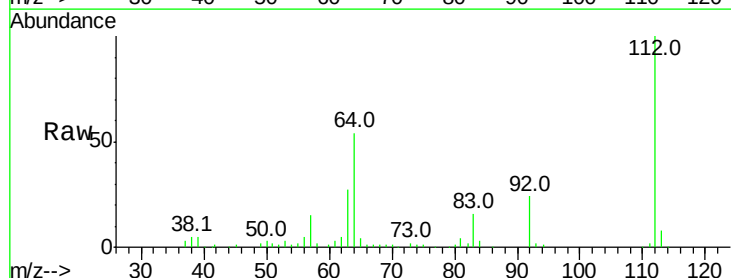
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



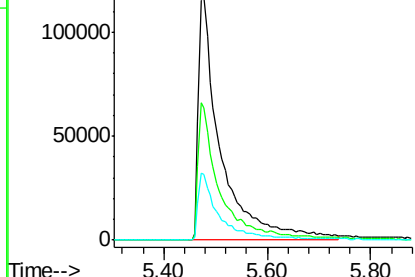
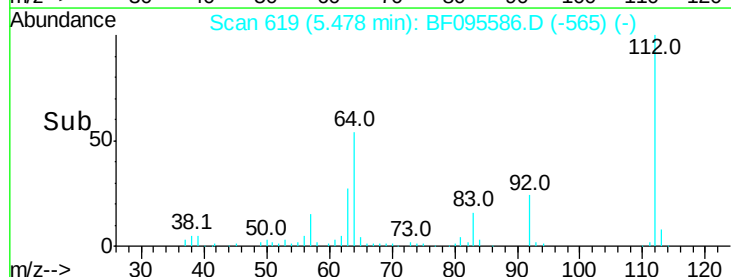
#5

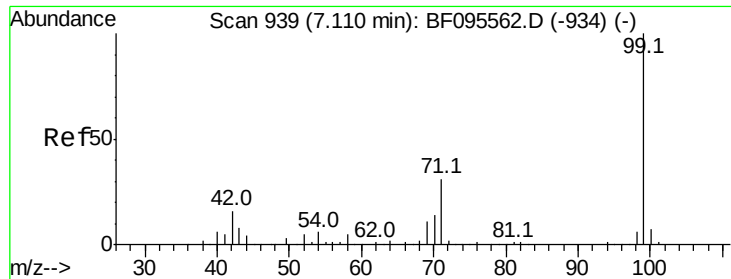
2-Fluorophenol
 Concen: 63.57 ng
 RT: 5.48 min Scan# 619
 Delta R.T. 0.01 min
 Lab File: BF095586.D
 Acq: 1 Jun 2017 4:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.3	46.0	69.0
63	27.0	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: 37.74 ng

RT: 7.12 min Scan# 898

Delta R.T. 0.01 min

Lab File: BF095586.D

Acq: 1 Jun 2017 4:53

Instrument :

BNA_F

ClientSampled :

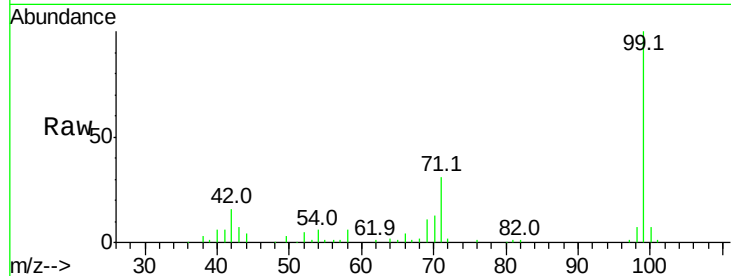
Tot Ion: 99 Resp: 249833

Ion Ratio Lower Upper

99 100

42 15.8 13.5 20.3

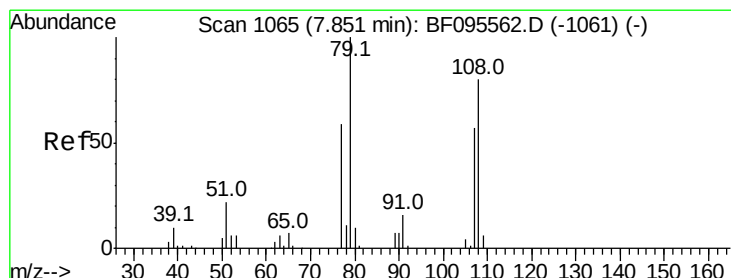
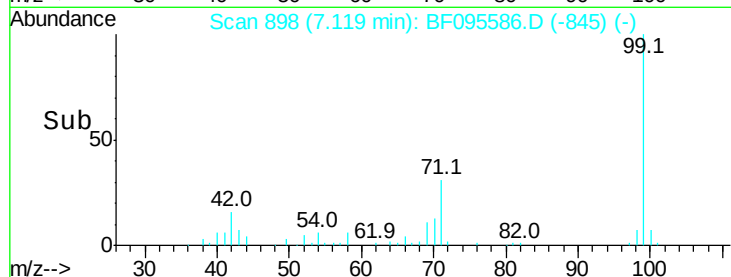
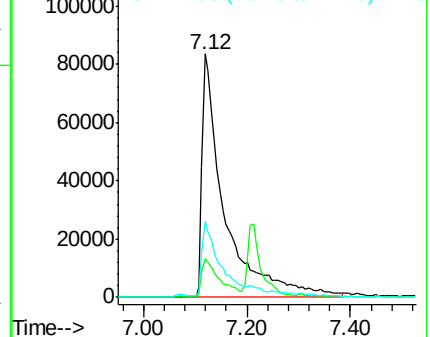
71 31.3 24.5 36.7



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



#15

Benzyl Alcohol

Concen: 2.02 ng

RT: 7.79 min Scan# 1012

Delta R.T. -0.06 min

Lab File: BF095586.D

Acq: 1 Jun 2017 4:53

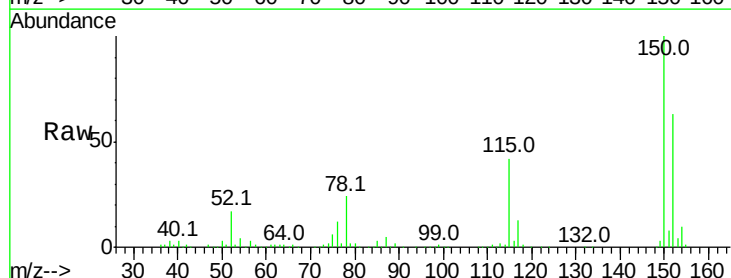
Tgt Ion: 79 Resp: 8618

Ion Ratio Lower Upper

79 100

108 26.2 63.4 95.0#

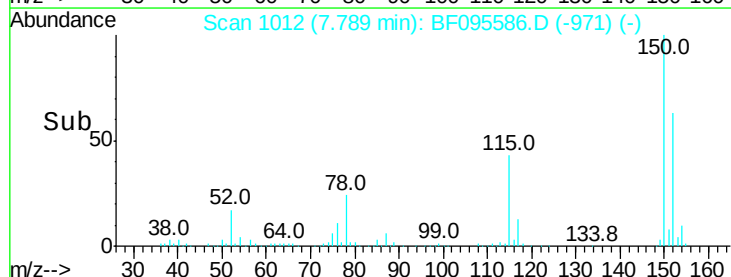
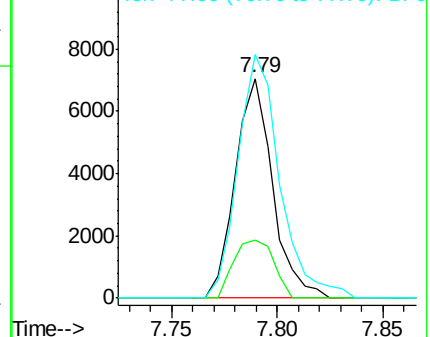
77 110.8 49.2 73.8#

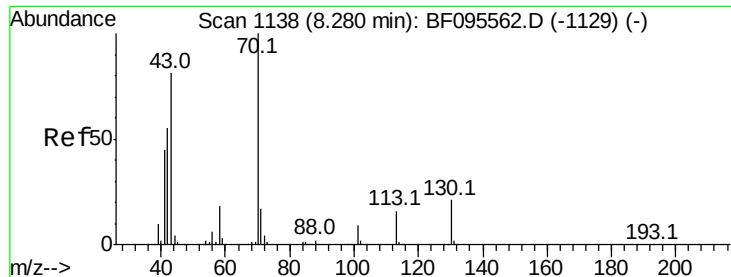


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

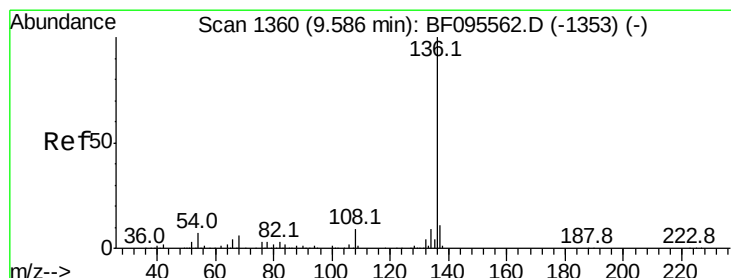
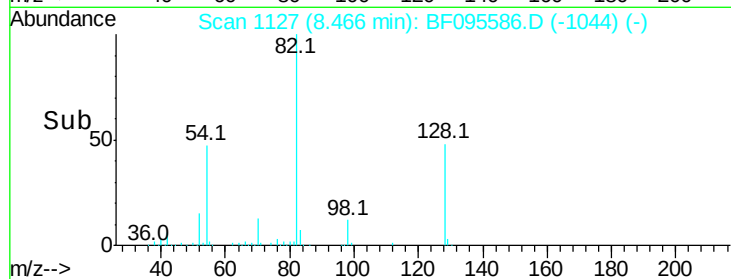
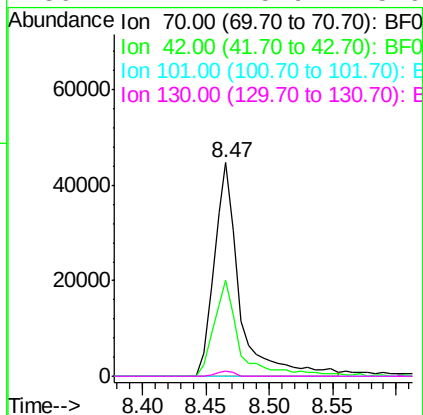
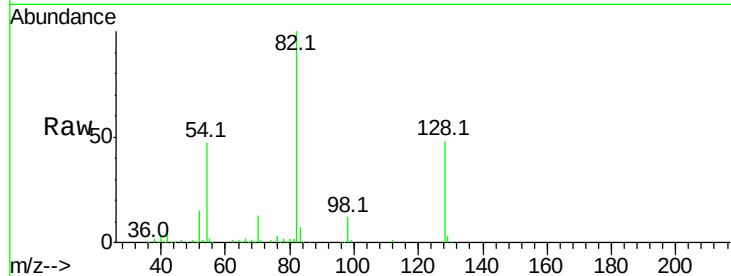




#19
n-Nitroso-di-n-propylamine
Concen: 14.00 ng
RT: 8.47 min Scan# 1127
Delta R.T. 0.19 min
Lab File: BF095586.D
Acq: 1 Jun 2017 4:53

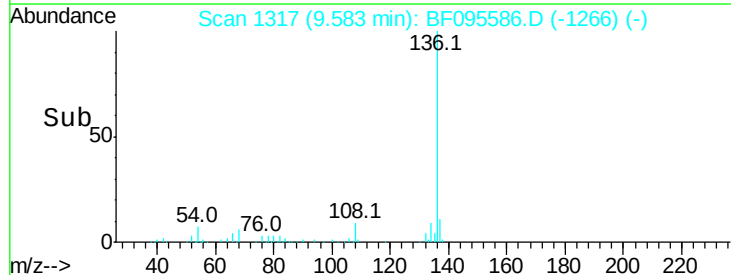
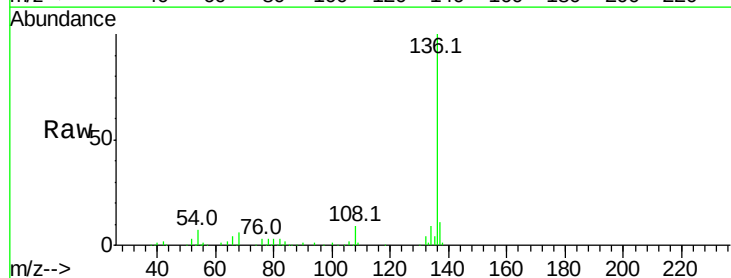
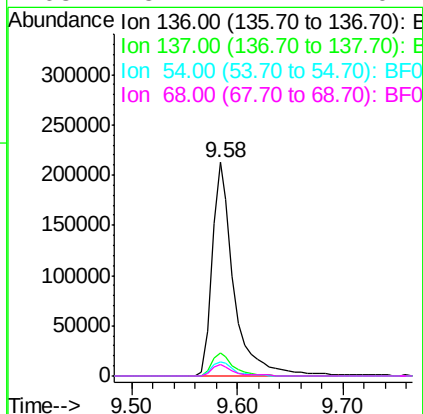
Instrument :
BNA_F
ClientSampleId :

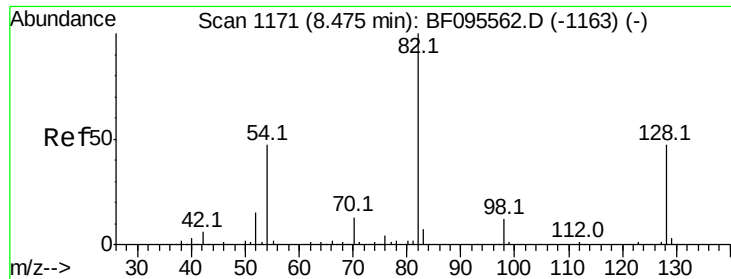
Tot Ion: 70 Resp: 62704
Ion Ratio Lower Upper
70 100
42 44.7 47.2 70.8#
101 0.0 7.2 10.8#
130 2.2 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.58 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BF095586.D
Acq: 1 Jun 2017 4:53

Tgt Ion:136 Resp: 307840
Ion Ratio Lower Upper
136 100
137 11.0 8.5 12.7
54 6.7 4.9 7.3
68 5.7 4.1 6.1

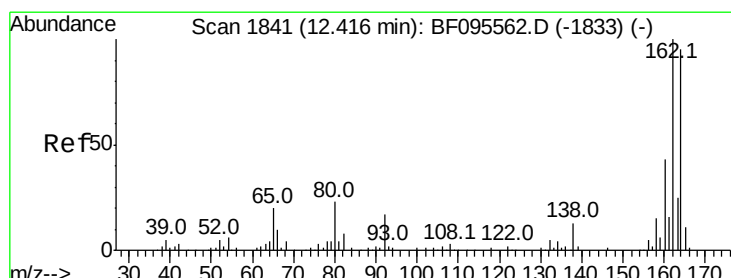
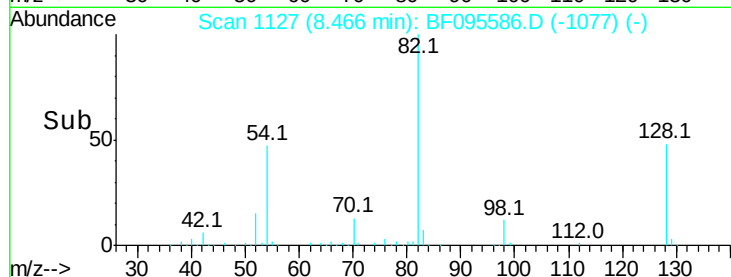
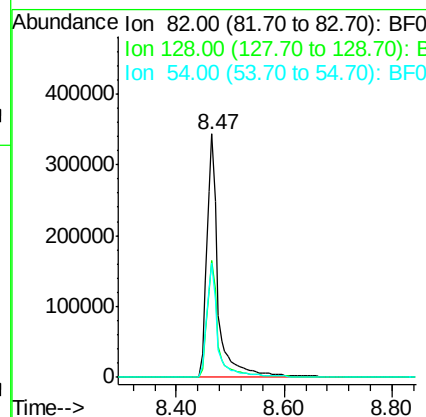
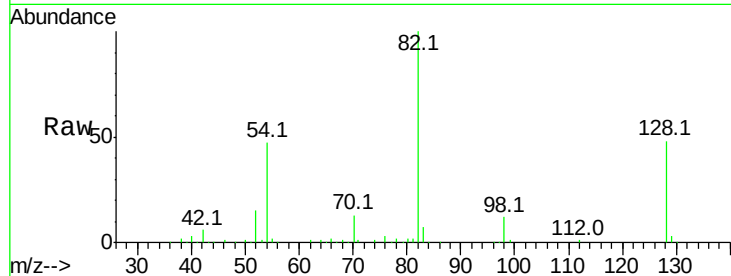




#23
 Nitrobenzene-d5
 Concen: 103.56 ng
 RT: 8.47 min Scan# 1127
 Delta R.T. -0.01 min
 Lab File: BF095586.D
 Acq: 1 Jun 2017 4:53

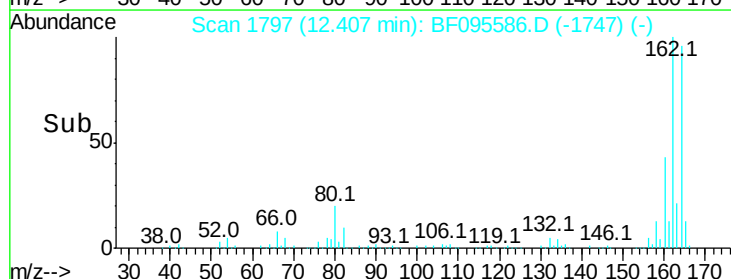
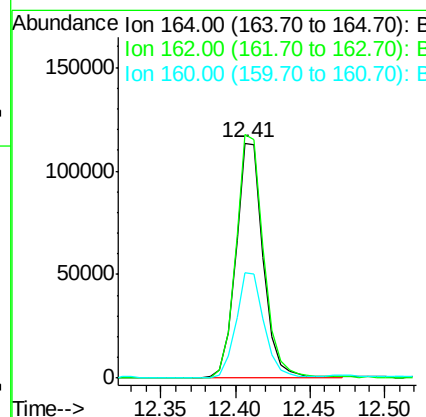
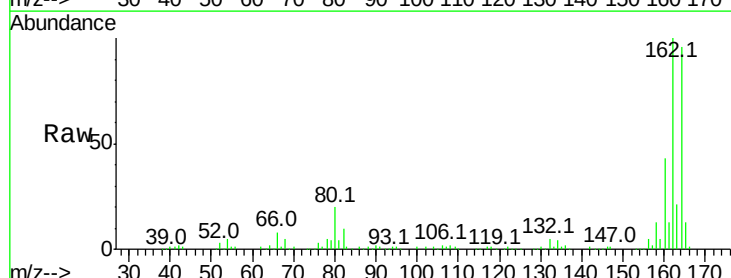
Instrument :
 BNA_F
 ClientSampled :

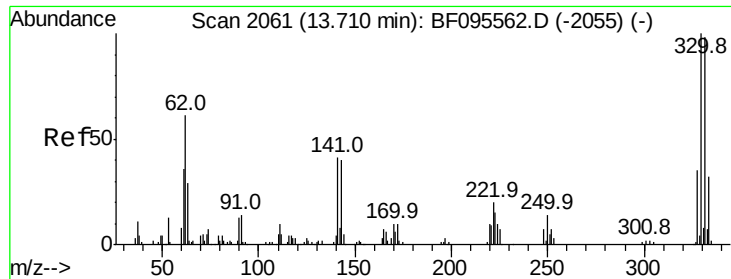
Tot Ion: 82 Resp: 505560
 Ion Ratio Lower Upper
 82 100
 128 48.1 34.0 51.0
 54 46.7 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.41 min Scan# 1797
 Delta R.T. -0.01 min
 Lab File: BF095586.D
 Acq: 1 Jun 2017 4:53

Tgt Ion:164 Resp: 145919
 Ion Ratio Lower Upper
 164 100
 162 103.7 82.6 123.8
 160 44.7 36.2 54.2

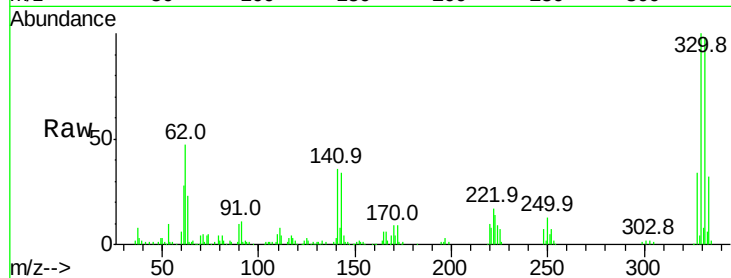




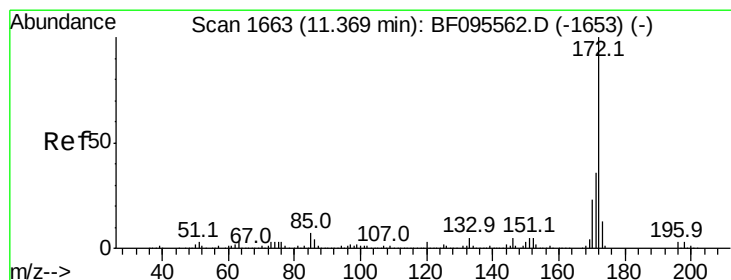
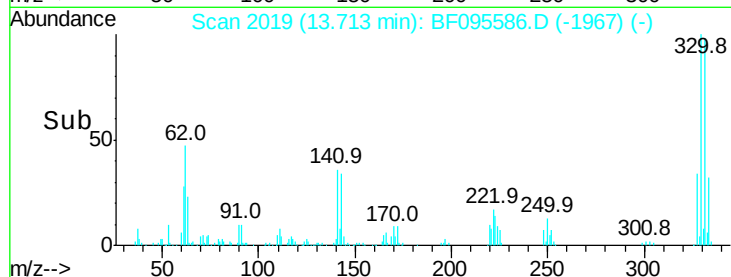
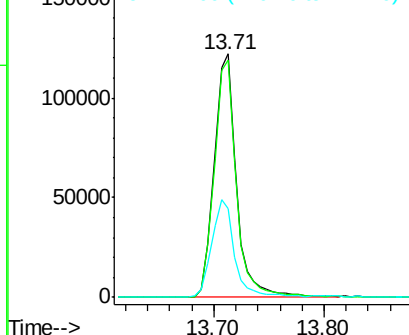
#41
 2,4,6-Tribromophenol
 Concen: 142.80 ng
 RT: 13.71 min Scan# 2019
 Delta R.T. 0.00 min
 Lab File: BF095586.D
 Acq: 1 Jun 2017 4:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 170651
 Ion Ratio Lower Upper
 330 100
 332 97.4 76.6 115.0
 141 40.7 31.4 47.2

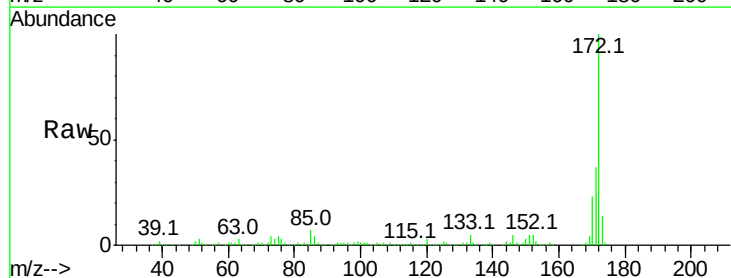


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

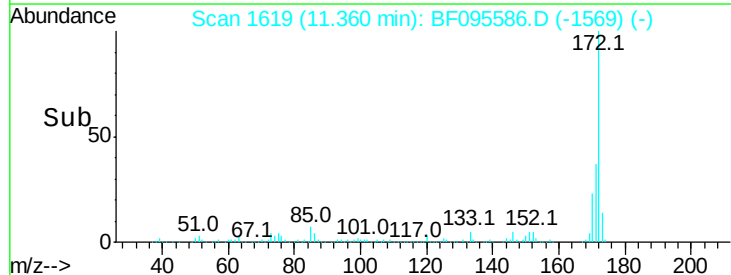
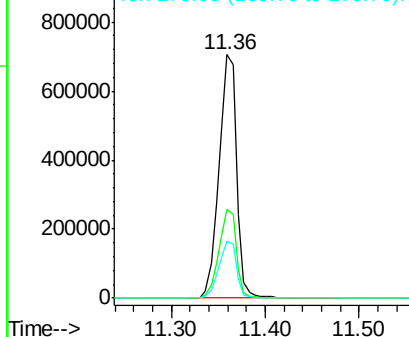


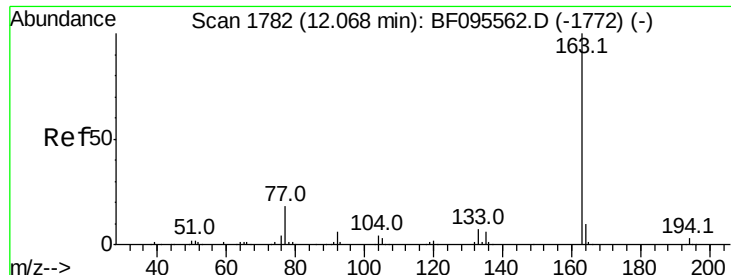
#44
 2-Fluorobiphenyl
 Concen: 91.34 ng
 RT: 11.36 min Scan# 1619
 Delta R.T. -0.01 min
 Lab File: BF095586.D
 Acq: 1 Jun 2017 4:53

Tgt Ion:172 Resp: 925988
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.6 44.4
 170 23.2 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: 3.59 ng

RT: 12.05 min Scan# 1737

Delta R.T. -0.01 min

Lab File: BF095586.D

Acq: 1 Jun 2017 4:53

Instrument :

BNA_F

ClientSampleId :

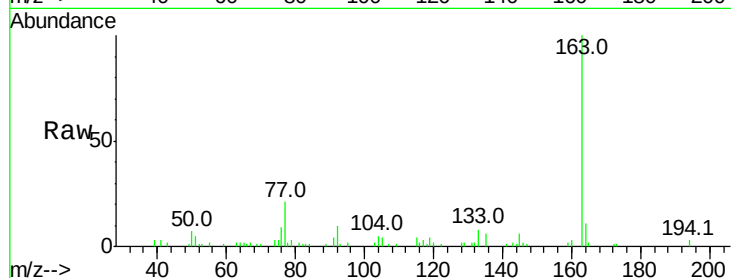
Tot Ion:163 Resp: 42958

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

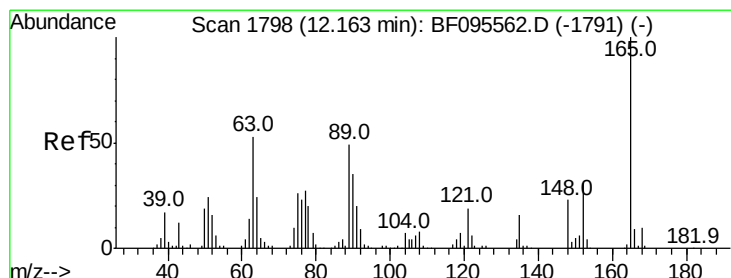
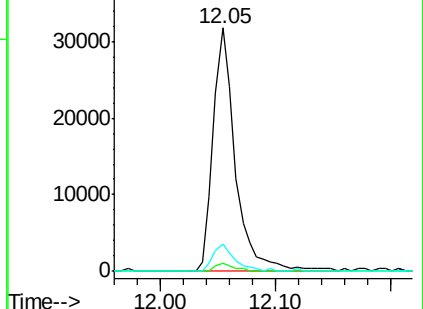
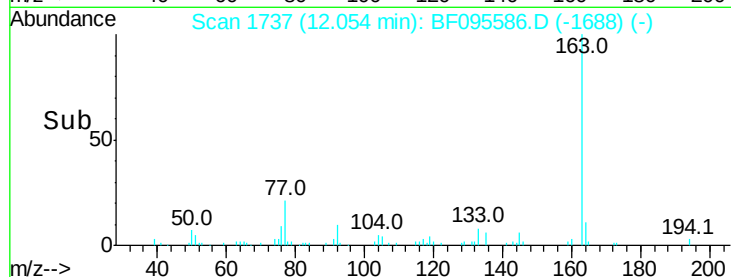
164 11.3 8.4 12.6



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



#50

2,6-Dinitrotoluene

Concen: 7.53 ng

RT: 12.41 min Scan# 1797

Delta R.T. 0.24 min

Lab File: BF095586.D

Acq: 1 Jun 2017 4:53

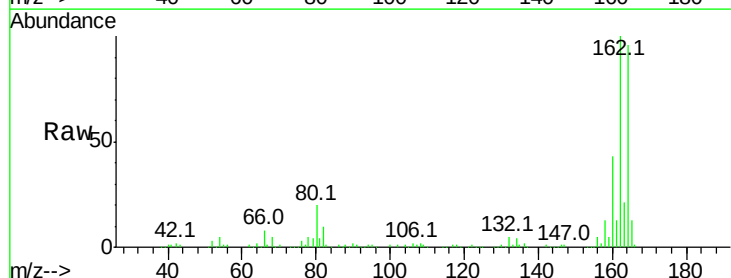
Tgt Ion:165 Resp: 18414

Ion Ratio Lower Upper

165 100

63 2.1 34.3 51.5#

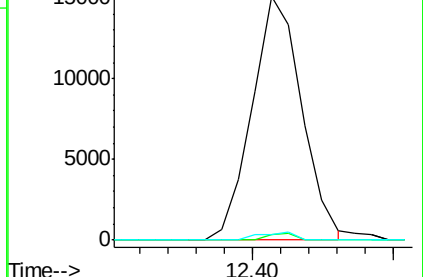
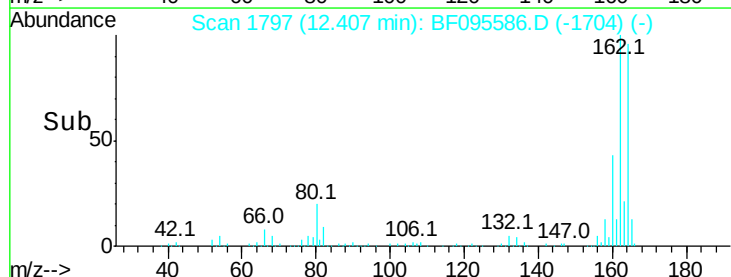
89 2.3 37.1 55.7#

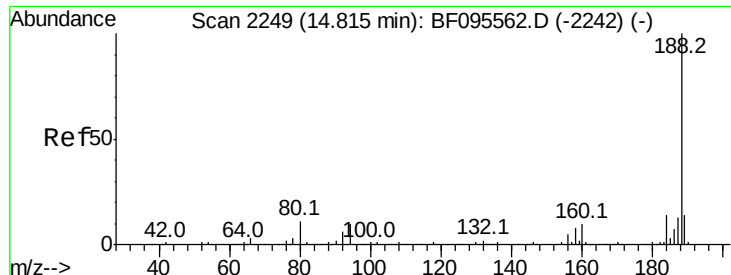


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

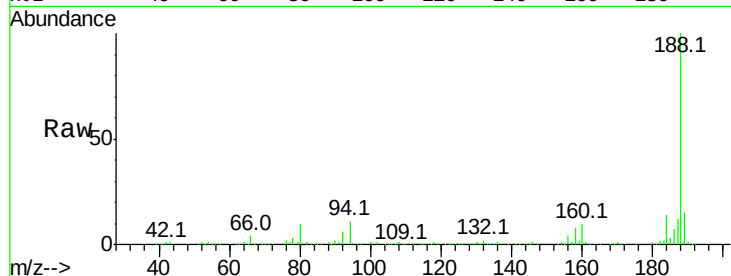




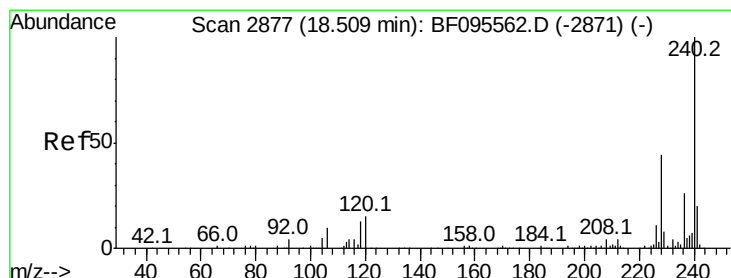
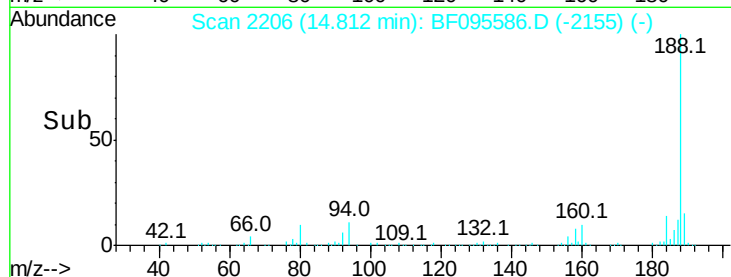
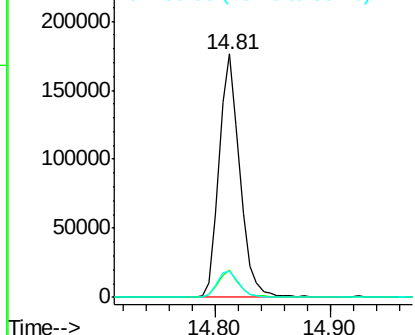
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.81 min Scan# 2206
Delta R.T. -0.00 min
Lab File: BF095586.D
Acq: 1 Jun 2017 4:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 220023
Ion Ratio Lower Upper
188 100
94 11.1 9.4 14.2
80 10.5 10.2 15.2

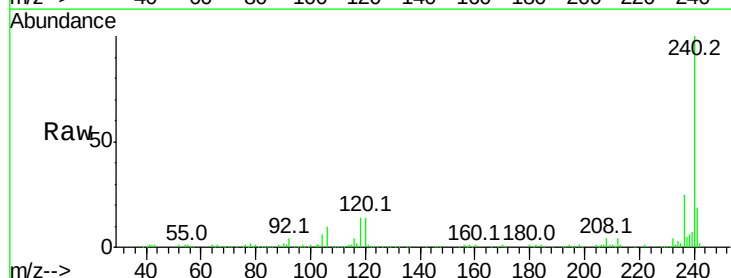


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

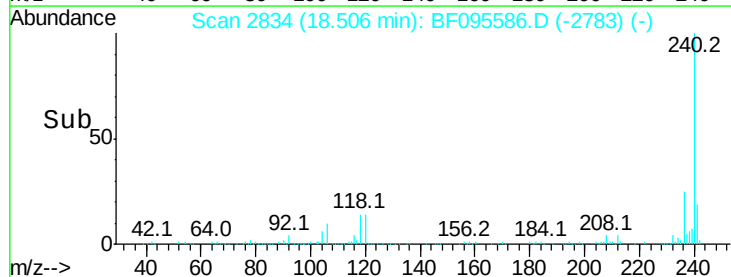
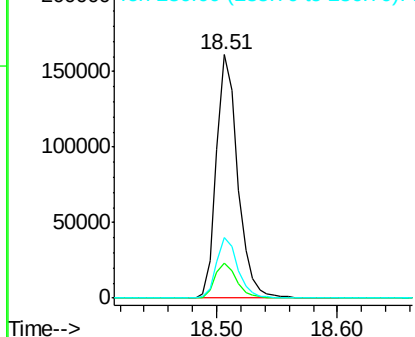


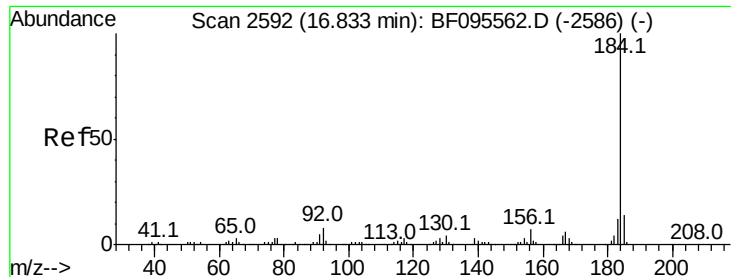
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.51 min Scan# 2834
Delta R.T. -0.00 min
Lab File: BF095586.D
Acq: 1 Jun 2017 4:53

Tgt Ion:240 Resp: 196609
Ion Ratio Lower Upper
240 100
120 14.3 5.8 8.8#
236 24.9 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





#76

Benzidine

Concen: 6.70 ng

RT: 16.87 min Scan# 2556

Delta R.T. 0.04 min

Lab File: BF095586.D

Acq: 1 Jun 2017 4:53

Instrument :

BNA_F

ClientSampleId :

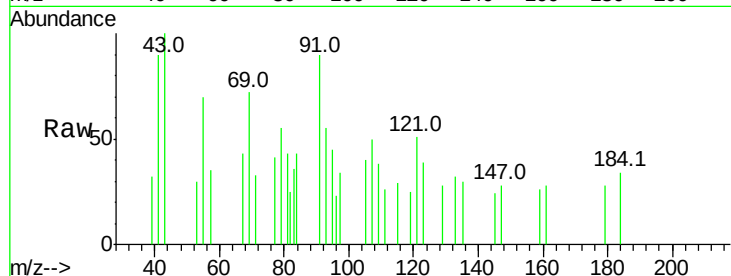
Tot Ion:184 Resp: 685

Ion Ratio Lower Upper

184 100

185 0.0 15.5 23.3#

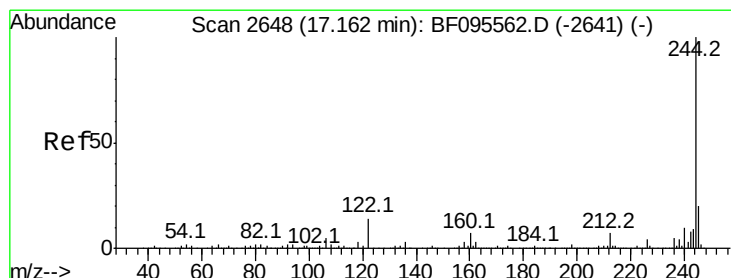
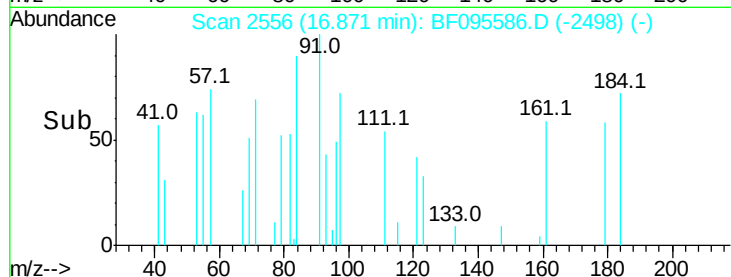
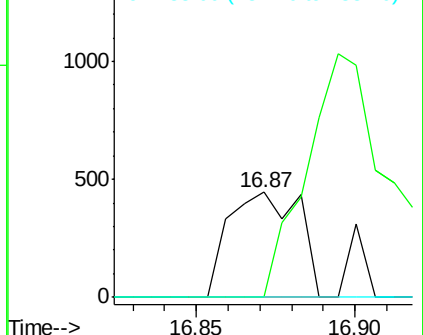
183 0.0 9.8 14.6#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 78.04 ng

RT: 17.16 min Scan# 2605

Delta R.T. -0.00 min

Lab File: BF095586.D

Acq: 1 Jun 2017 4:53

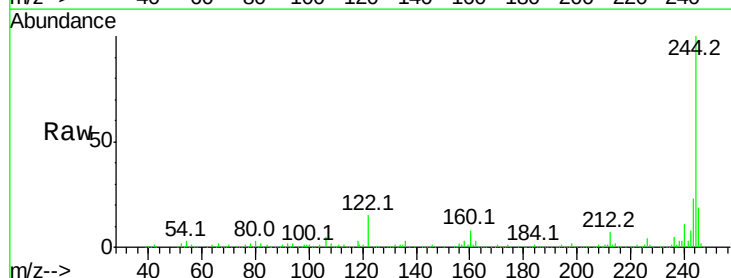
Tgt Ion:244 Resp: 696575

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

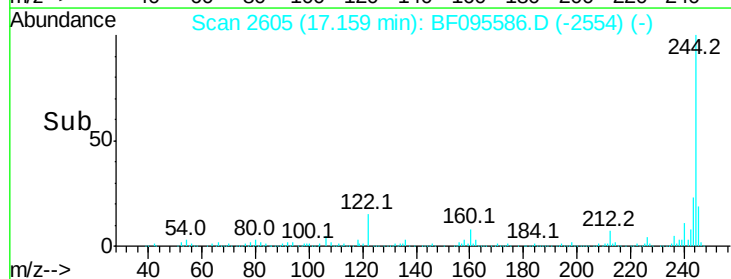
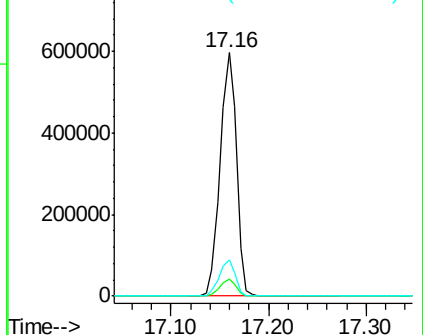
122 14.7 10.3 15.5

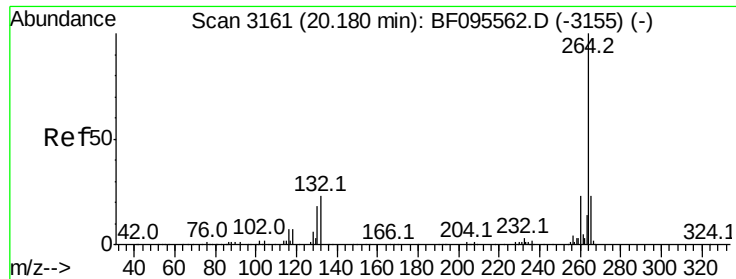


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.18 min Scan# 3119
Delta R.T. 0.00 min
Lab File: BF095586.D
Acq: 1 Jun 2017 4:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.5	29.3
265	20.7	17.2	25.8

