

Data Path : Z:\HPCHEM1\BNA F\DATA\BF053117\
 Data File : BF095588.D
 Acq On : 1 Jun 2017 5:57
 Operator : SJ/MA
 Sample : I3353-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 01 07:42:33 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

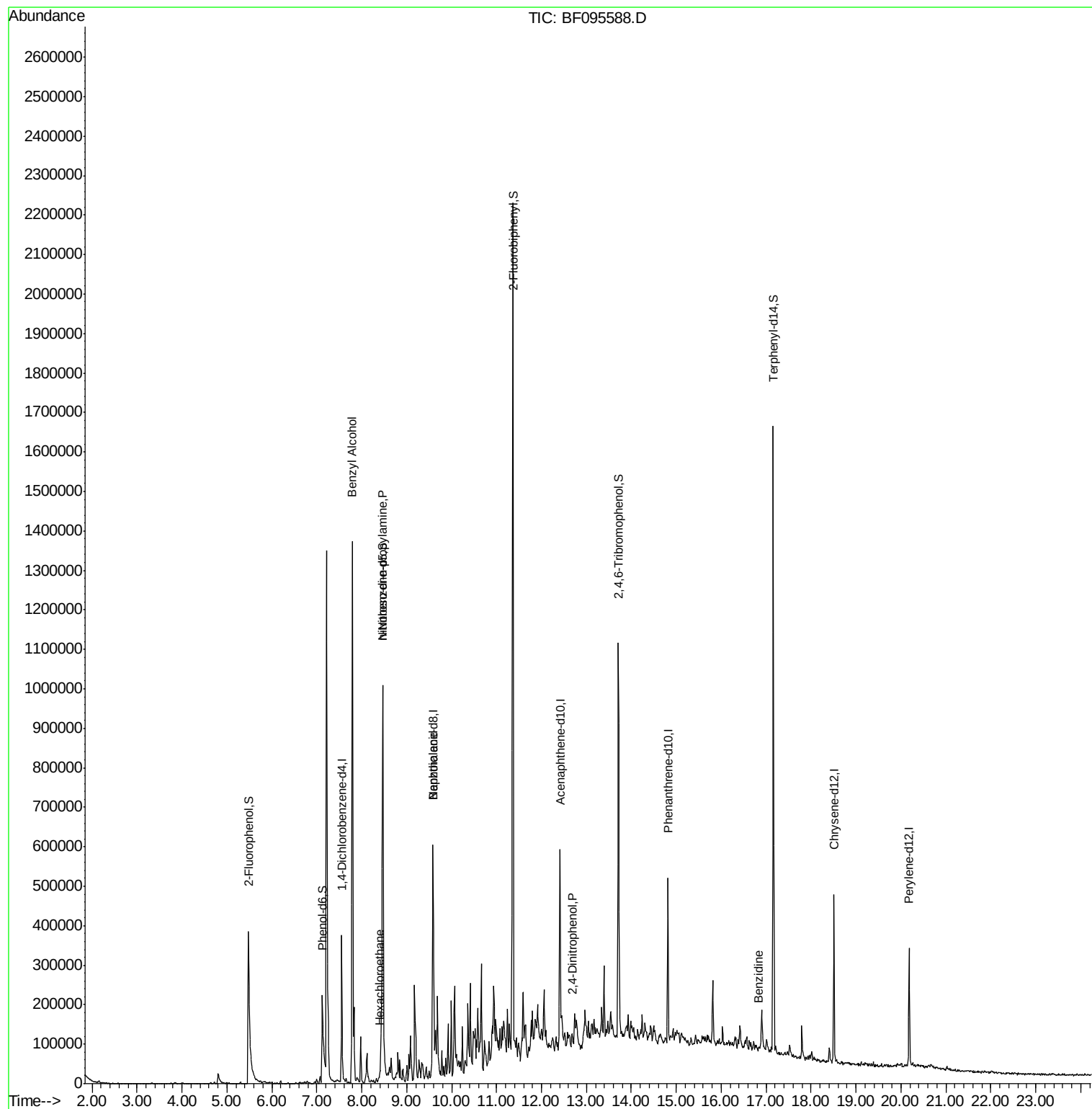
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	84238	20.00	ng	0.00
21) Naphthalene-d8	9.58	136	329719	20.00	ng	0.00
38) Acenaphthene-d10	12.41	164	135478	20.00	ng	0.00
63) Phenanthrene-d10	14.81	188	199869	20.00	ng	0.00
75) Chrysene-d12	18.51	240	169232	20.00	ng	0.00
86) Perylene-d12	20.18	264	129516	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	313289	62.01	ng	0.01
7) Phenol-d6	7.12	99	251003	41.40	ng	0.00
23) Nitrobenzene-d5	8.47	82	520011	99.45	ng	0.00
41) 2,4,6-Tribromophenol	13.71	330	161801	145.83	ng	0.00
44) 2-Fluorobiphenyl	11.37	172	1001126	106.36	ng	0.00
78) Terphenyl-d14	17.16	244	630577	82.07	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.79	79	8210	2.11	ng	# 42
18) Hexachloroethane	8.40	117	10462	4.67	ng	# 1
19) n-Nitroso-di-n-propylamine	8.47	70	63316	15.44	ng	# 75
32) Benzoic acid	9.58	122	546	5.24	ng	# 1
53) 2,4-Dinitrophenol	12.70	184	2673	8.22	ng	# 17
76) Benzidine	16.84	184	128	6.61	ng	# 1

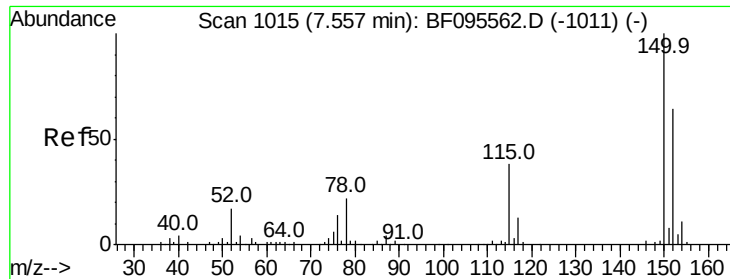
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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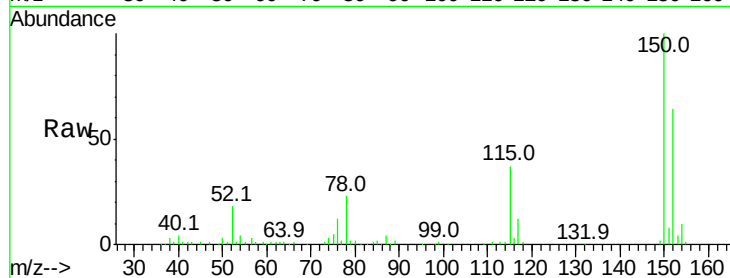




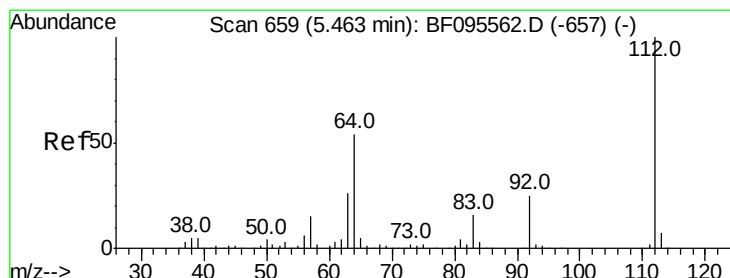
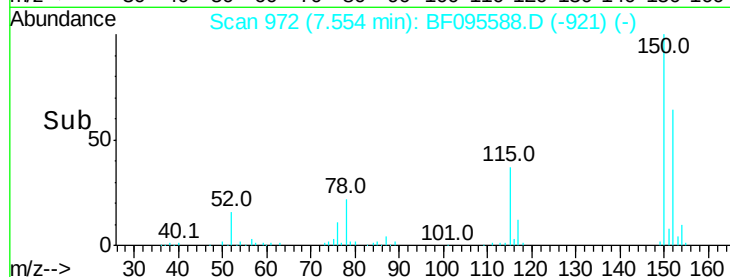
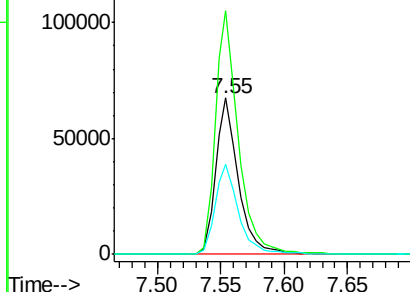
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.55 min Scan# 972
 Delta R.T. -0.00 min
 Lab File: BF095588.D
 Acq: 1 Jun 2017 5:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 84238
 Ion Ratio Lower Upper
 152 100
 150 155.8 126.2 189.2
 115 57.9 52.2 78.2

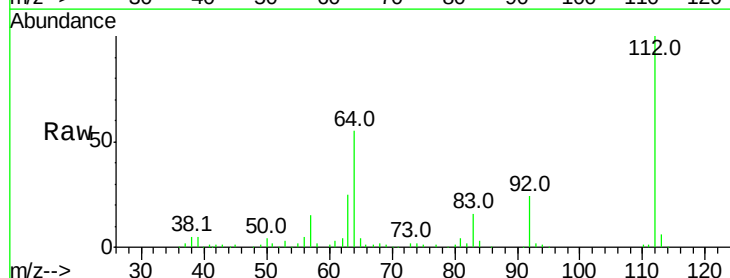


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

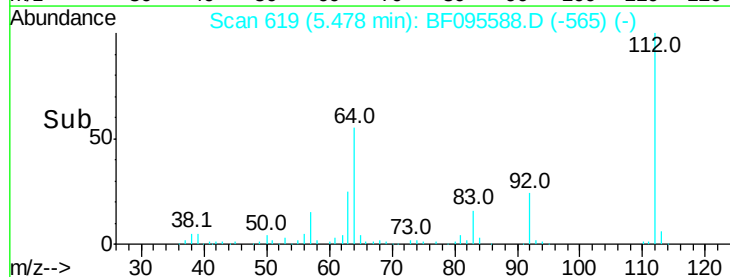
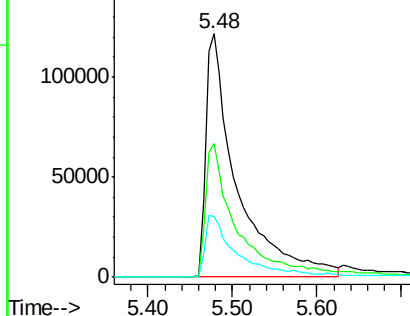


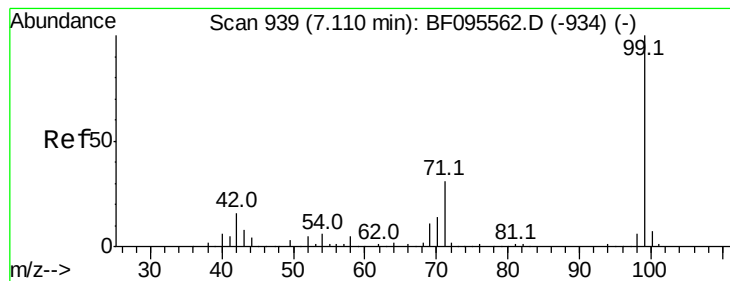
#5
 2-Fluorophenol
 Concen: 62.01 ng
 RT: 5.48 min Scan# 619
 Delta R.T. 0.01 min
 Lab File: BF095588.D
 Acq: 1 Jun 2017 5:57

Tgt Ion:112 Resp: 313289
 Ion Ratio Lower Upper
 112 100
 64 54.8 46.0 69.0
 63 24.8 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: 41.40 ng

RT: 7.12 min Scan# 898

Delta R.T. 0.01 min

Lab File: BF095588.D

Acq: 1 Jun 2017 5:57

Instrument :

BNA_F

ClientSampled :

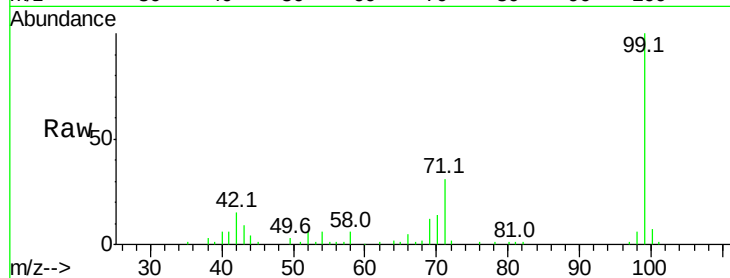
Tot Ion: 99 Resp: 251003

Ion Ratio Lower Upper

99 100

42 15.2 13.5 20.3

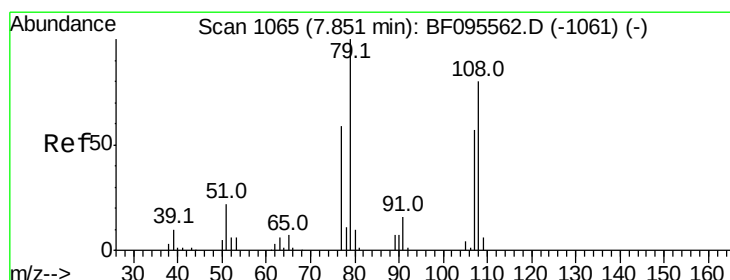
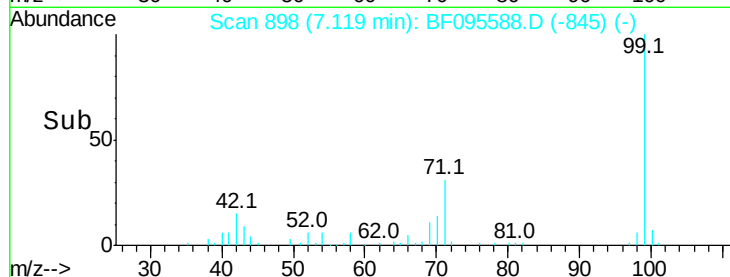
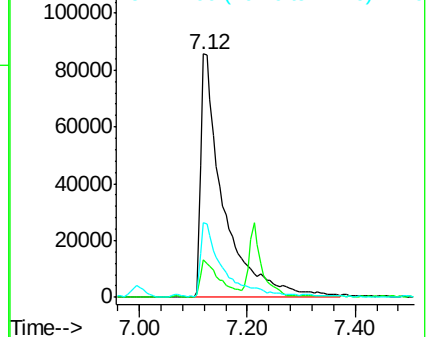
71 30.9 24.5 36.7



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



#15

Benzyl Alcohol

Concen: 2.11 ng

RT: 7.79 min Scan# 1012

Delta R.T. -0.06 min

Lab File: BF095588.D

Acq: 1 Jun 2017 5:57

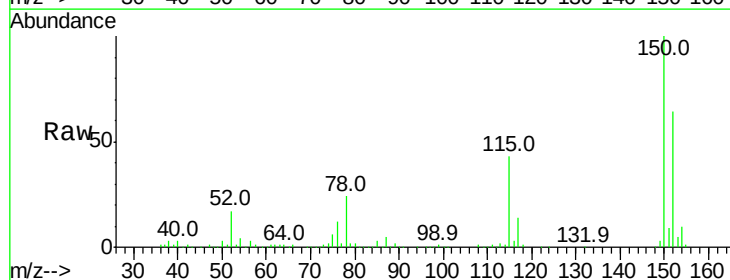
Tgt Ion: 79 Resp: 8210

Ion Ratio Lower Upper

79 100

108 33.6 63.4 95.0#

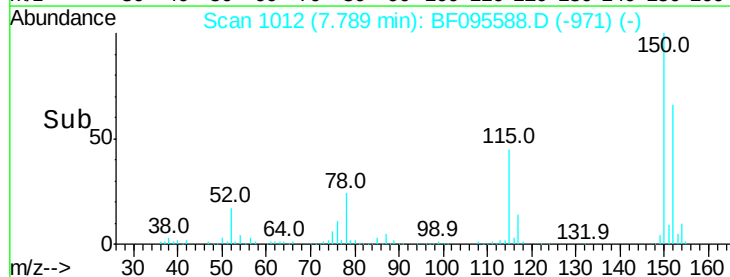
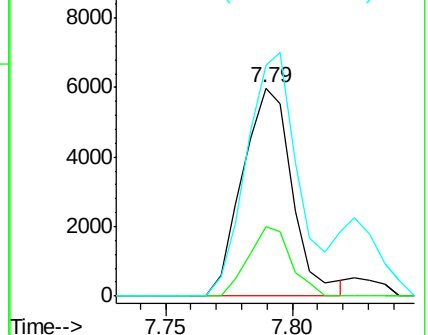
77 111.1 49.2 73.8#

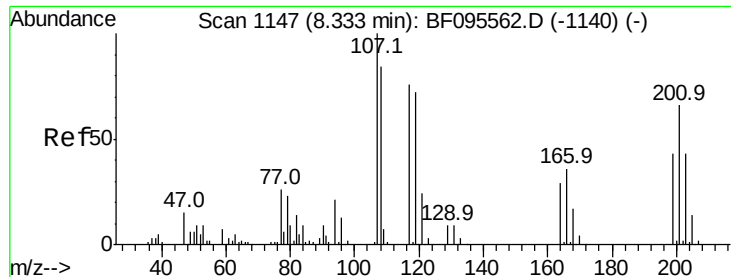


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

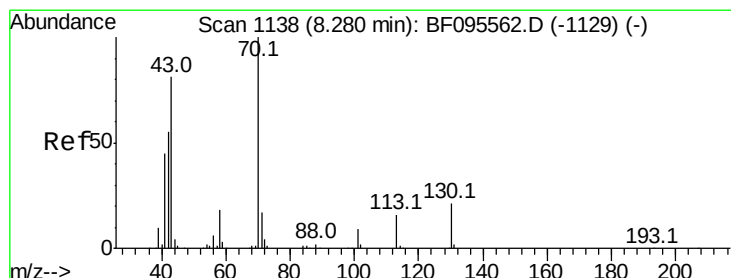
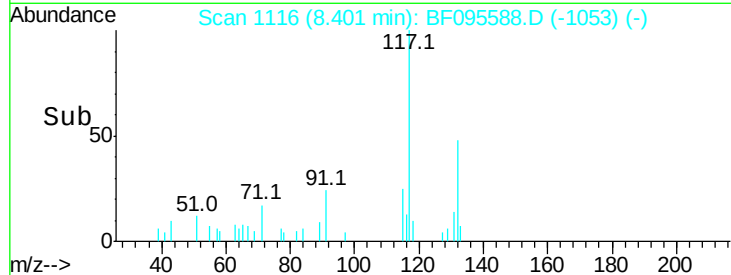
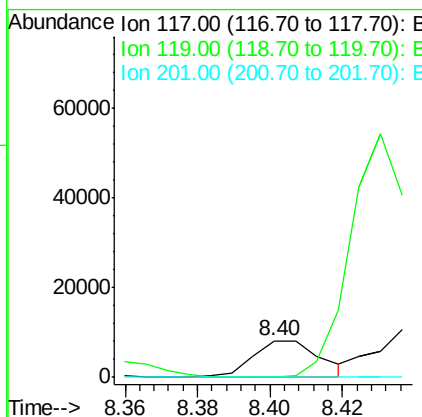
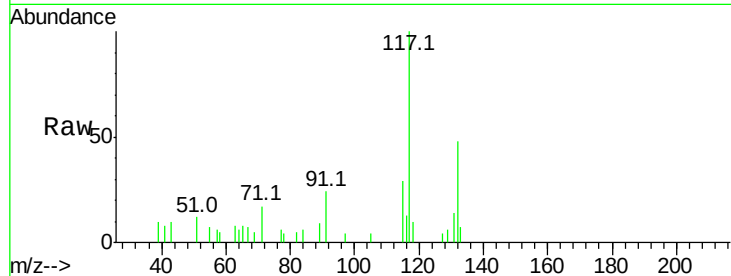




#18
 Hexachloroethane
 Concen: 4.67 ng
 RT: 8.40 min Scan# 1116
 Delta R.T. 0.07 min
 Lab File: BF095588.D
 Acq: 1 Jun 2017 5:57

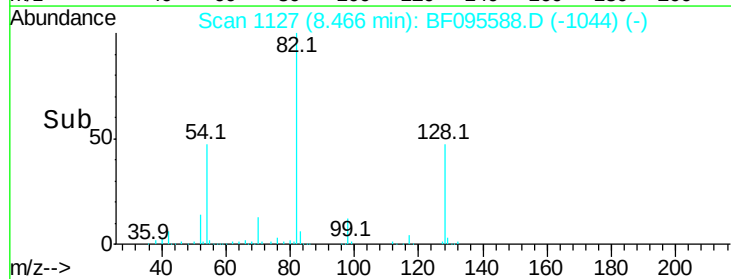
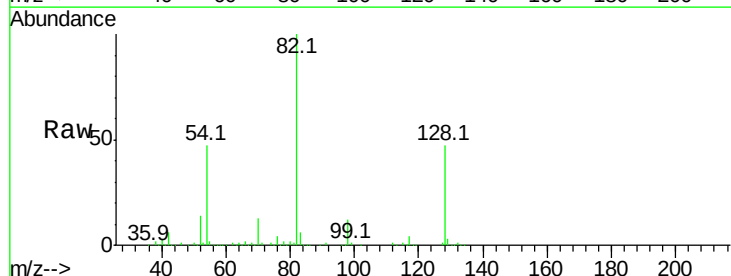
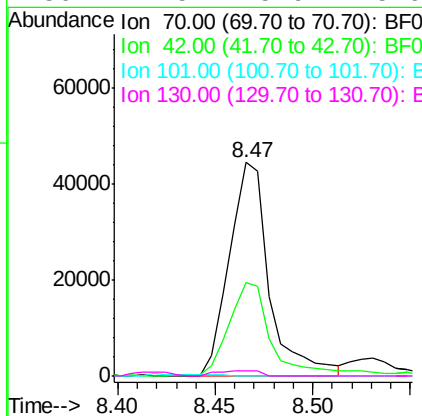
Instrument :
 BNA_F
 ClientSampleId :

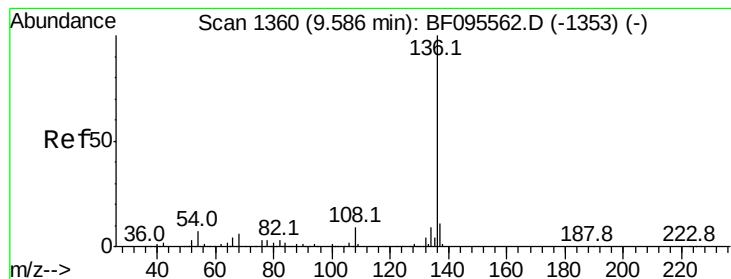
Tot Ion	Ratio	Lower	Upper
117	100		
119	0.0	77.4	116.0#
201	0.0	94.6	141.8#



#19
 n-Nitroso-di-n-propylamine
 Concen: 15.44 ng
 RT: 8.47 min Scan# 1127
 Delta R.T. 0.19 min
 Lab File: BF095588.D
 Acq: 1 Jun 2017 5:57

Tgt Ion	Ratio	Lower	Upper
70	100		
42	43.9	47.2	70.8#
101	0.0	7.2	10.8#
130	2.5	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: BF095588.D

Acq: 1 Jun 2017 5:57

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 329719

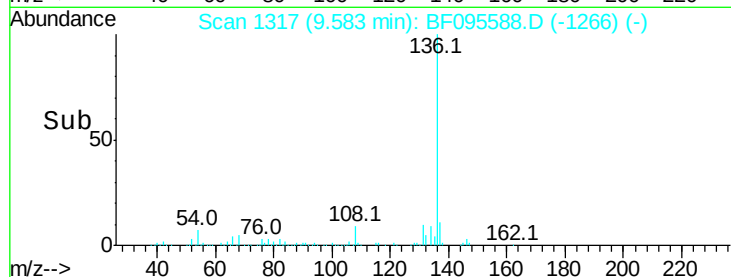
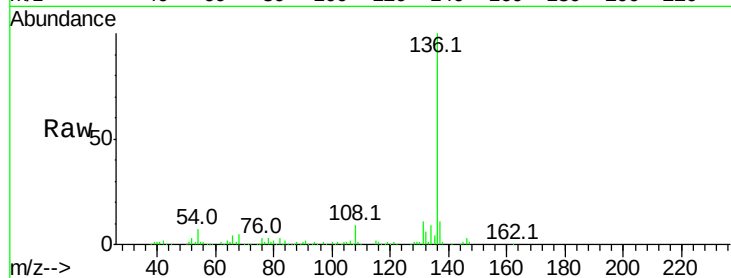
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 6.8 4.9 7.3

68 5.4 4.1 6.1

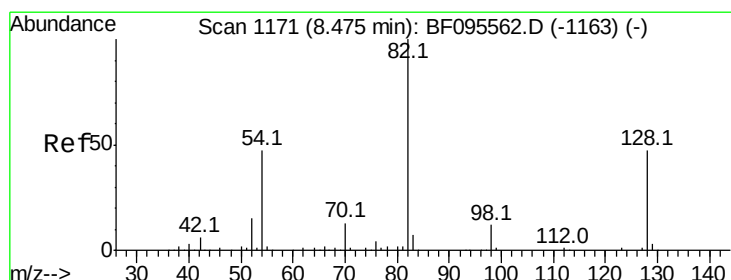
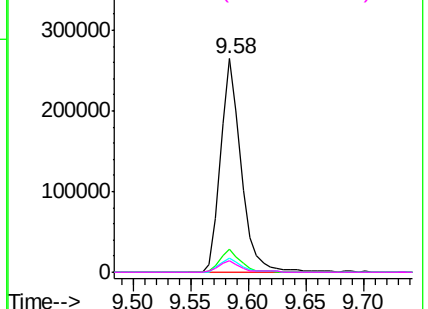


Abundance Ion 136.00 (135.70 to 136.70): B

Ion 137.00 (136.70 to 137.70): B

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 99.45 ng

RT: 8.47 min Scan# 1128

Delta R.T. -0.00 min

Lab File: BF095588.D

Acq: 1 Jun 2017 5:57

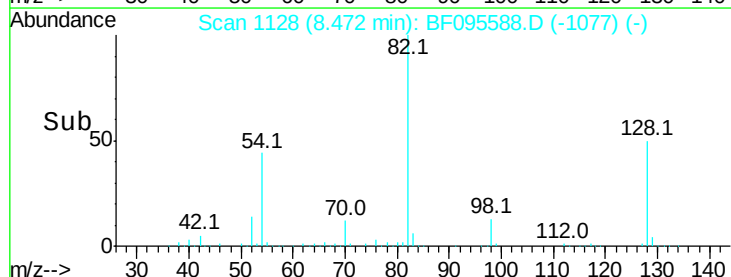
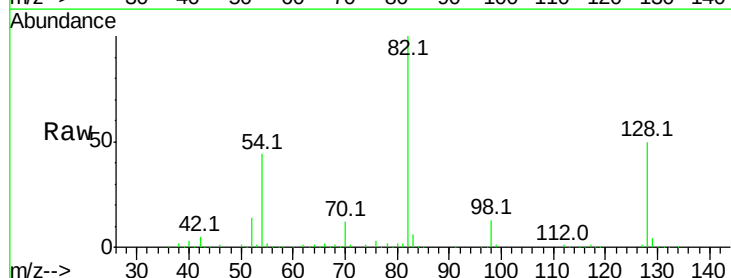
Tgt Ion: 82 Resp: 520011

Ion Ratio Lower Upper

82 100

128 49.7 34.0 51.0

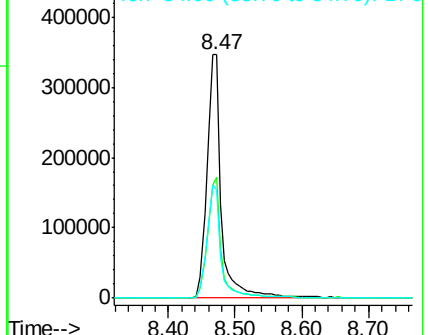
54 44.4 42.2 63.2

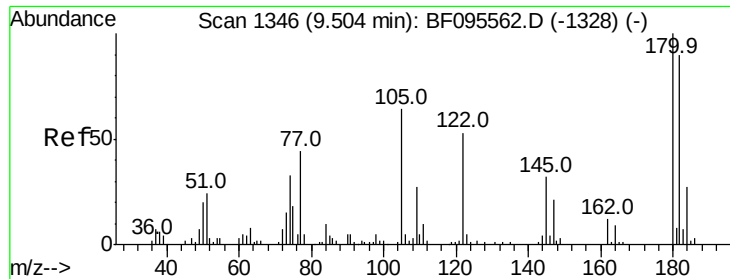


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): B

Ion 54.00 (53.70 to 54.70): BF0

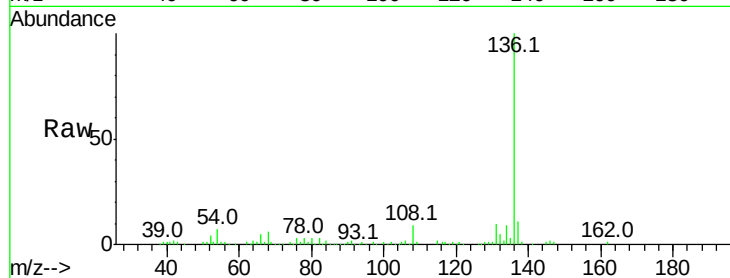




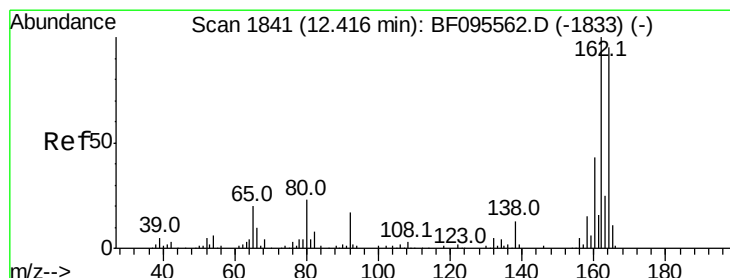
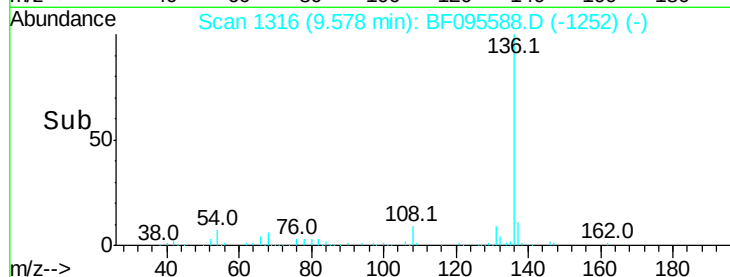
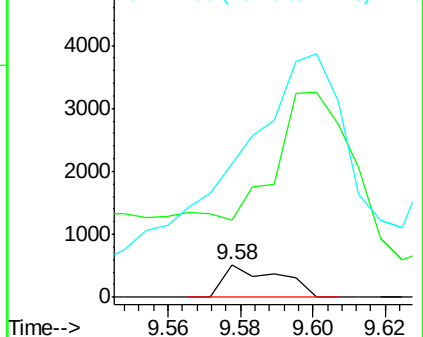
#32
Benzoic acid
Concen: 5.24 ng
RT: 9.58 min Scan# 1316
Delta R.T. 0.07 min
Lab File: BF095588.D
Acq: 1 Jun 2017 5:57

Instrument :
BNA_F
ClientSampled :

Tot Ion:122 Resp: 546
Ion Ratio Lower Upper
122 100
105 237.8 103.3 143.3#
77 410.4 73.7 113.7#

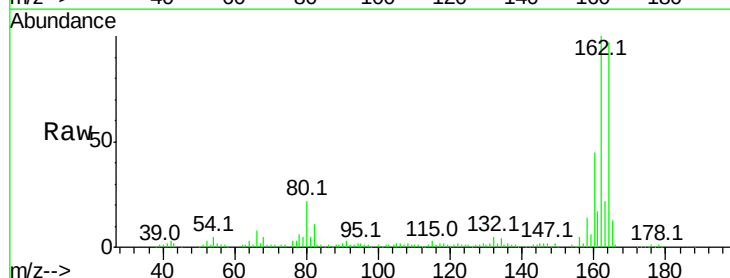


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

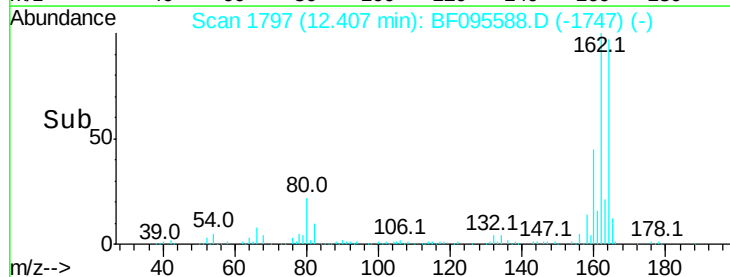
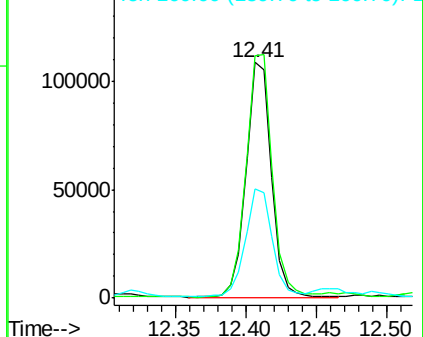


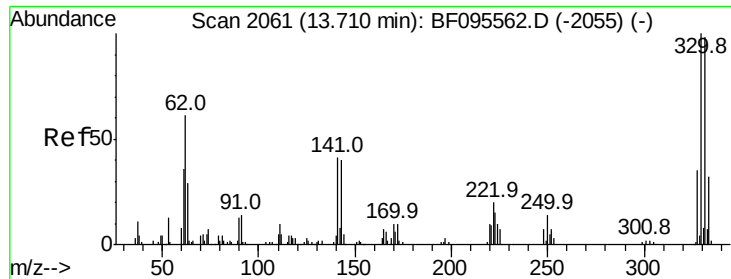
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.41 min Scan# 1797
Delta R.T. -0.01 min
Lab File: BF095588.D
Acq: 1 Jun 2017 5:57

Tgt Ion:164 Resp: 135478
Ion Ratio Lower Upper
164 100
162 102.7 82.6 123.8
160 46.3 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

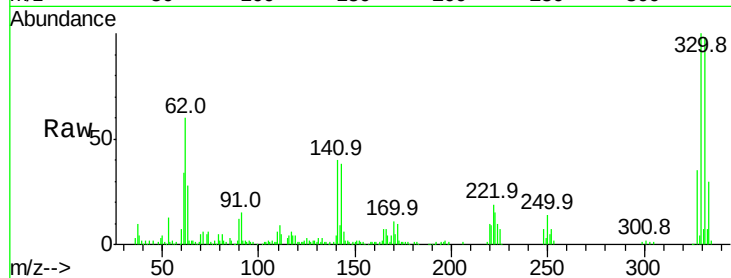




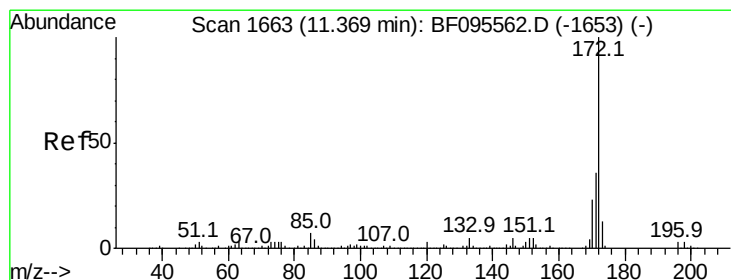
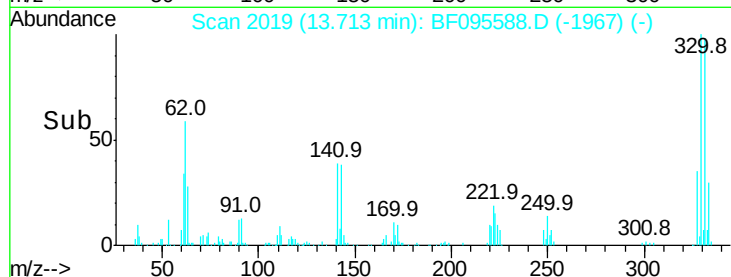
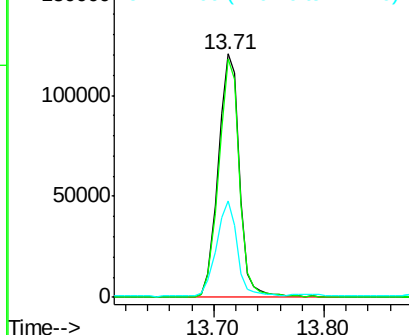
#41
 2,4,6-Tribromophenol
 Concen: 145.83 ng
 RT: 13.71 min Scan# 2019
 Delta R.T. 0.00 min
 Lab File: BF095588.D
 Acq: 1 Jun 2017 5:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 161801
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.6 115.0
 141 37.7 31.4 47.2

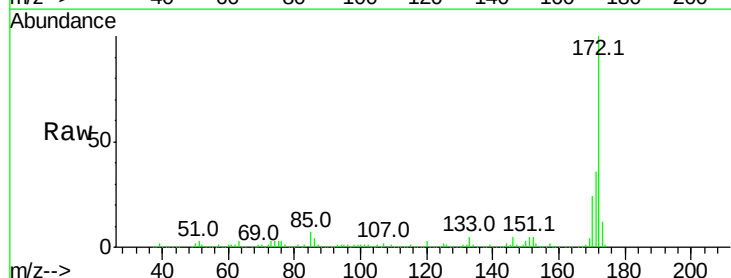


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

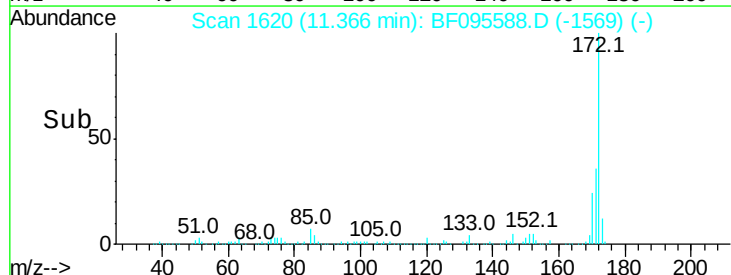
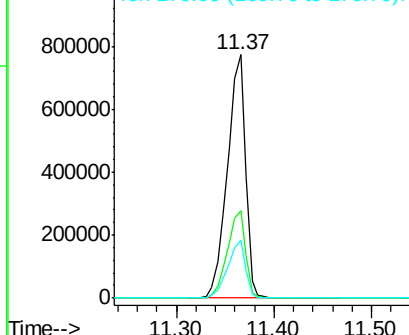


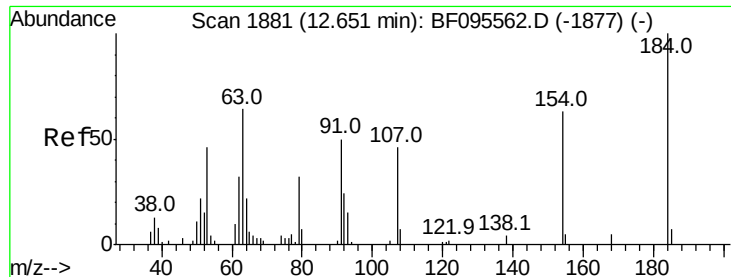
#44
 2-Fluorobiphenyl
 Concen: 106.36 ng
 RT: 11.37 min Scan# 1620
 Delta R.T. -0.00 min
 Lab File: BF095588.D
 Acq: 1 Jun 2017 5:57

Tgt Ion:172 Resp: 1001126
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.6 44.4
 170 23.6 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





#53

2,4-Dinitrophenol

Concen: 8.22 ng

RT: 12.70 min Scan# 1847

Delta R.T. 0.05 min

Lab File: BF095588.D

Acq: 1 Jun 2017 5:57

Instrument :

BNA_F

ClientSampleId :

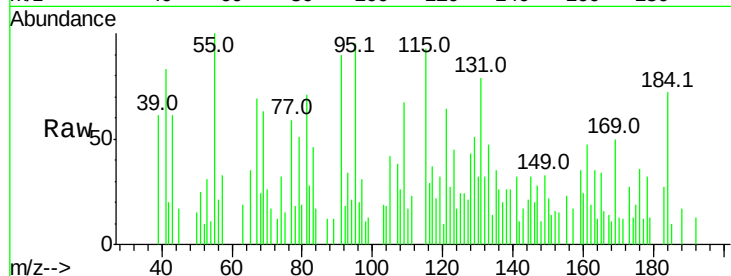
Tot Ion:184 Resp: 2673

Ion Ratio Lower Upper

184 100

63 26.8 62.7 94.1#

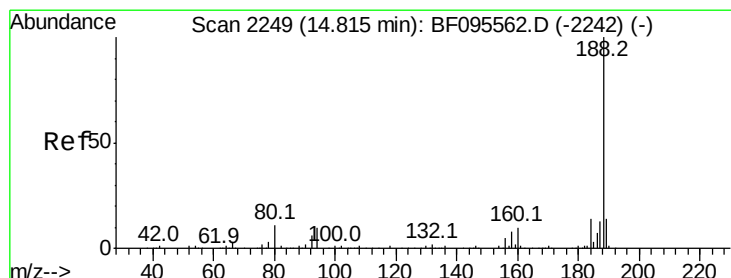
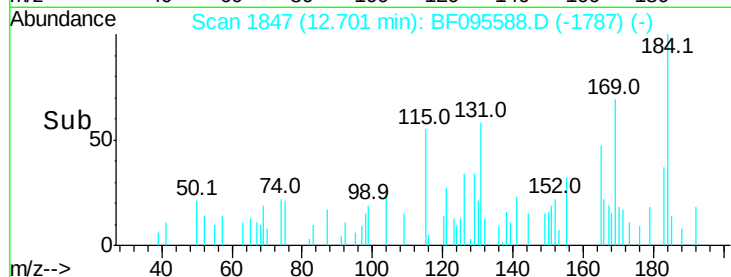
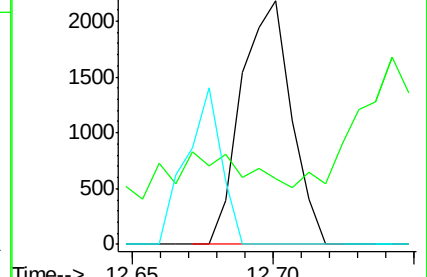
154 0.0 81.1 121.7#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 14.81 min Scan# 2206

Delta R.T. -0.00 min

Lab File: BF095588.D

Acq: 1 Jun 2017 5:57

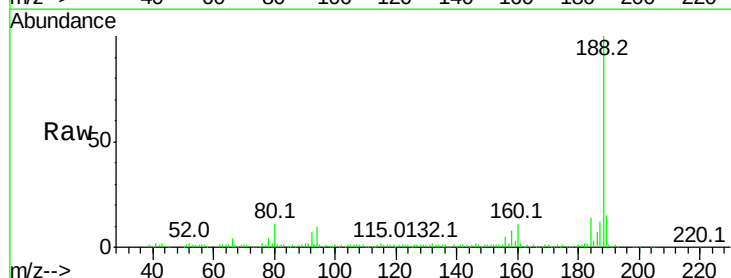
Tgt Ion:188 Resp: 199869

Ion Ratio Lower Upper

188 100

94 10.5 9.4 14.2

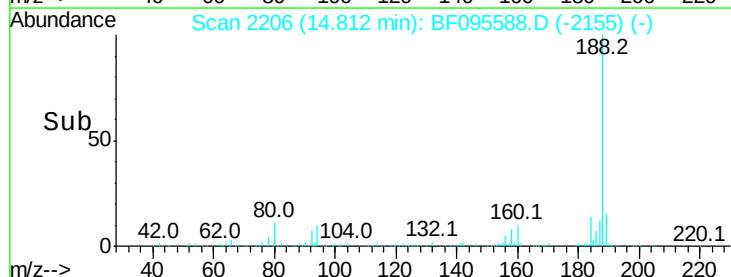
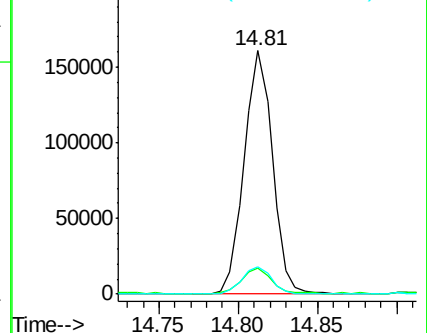
80 11.0 10.2 15.2

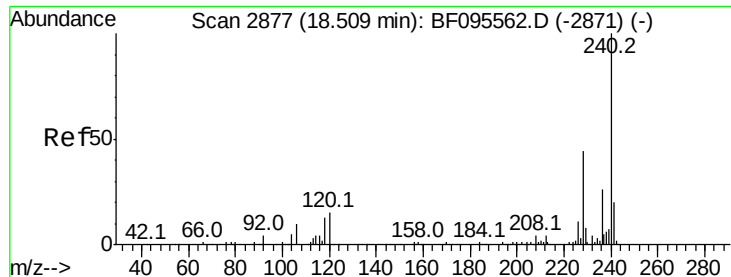


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF095588.D

Acq: 1 Jun 2017 5:57

Instrument :

BNA_F

ClientSampleId :

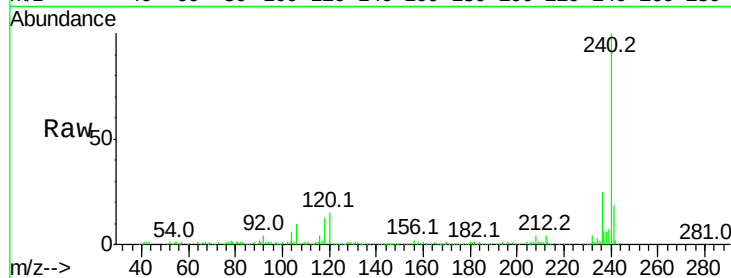
Tot Ion:240 Resp: 169232

Ion Ratio Lower Upper

240 100

120 14.9 5.8 8.8#

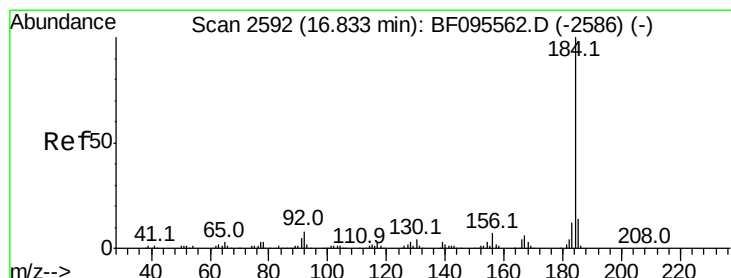
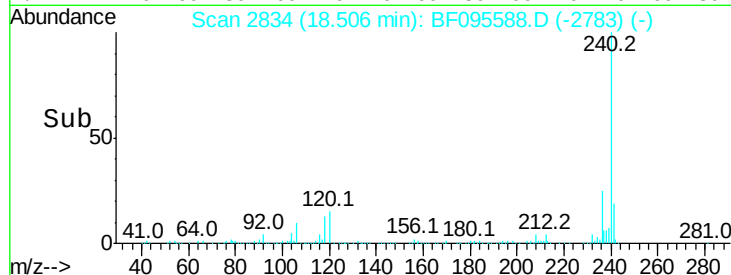
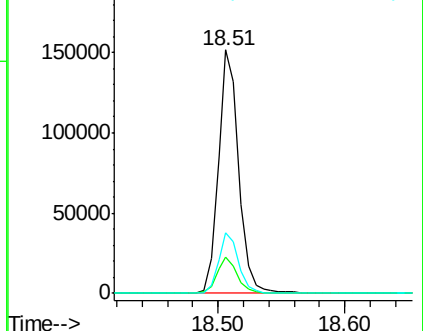
236 24.9 20.5 30.7



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: 6.61 ng

RT: 16.84 min Scan# 2550

Delta R.T. 0.00 min

Lab File: BF095588.D

Acq: 1 Jun 2017 5:57

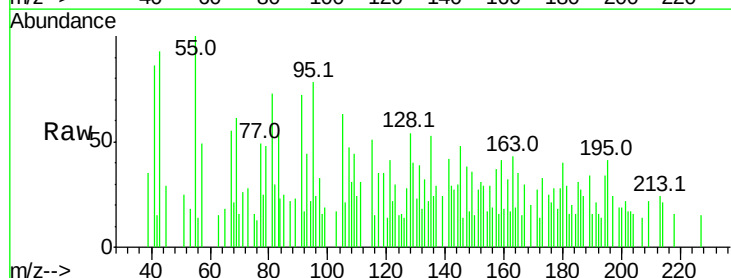
Tgt Ion:184 Resp: 128

Ion Ratio Lower Upper

184 100

185 190.1 15.5 23.3#

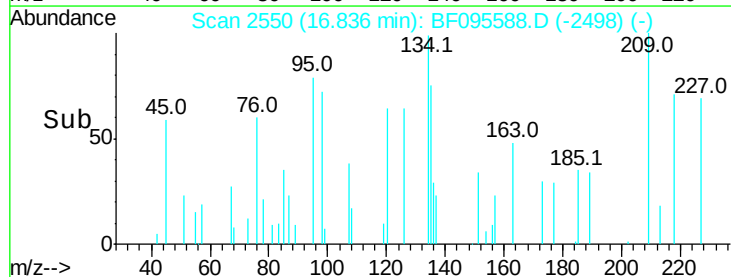
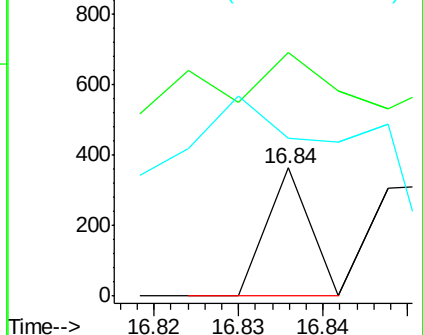
183 123.4 9.8 14.6#

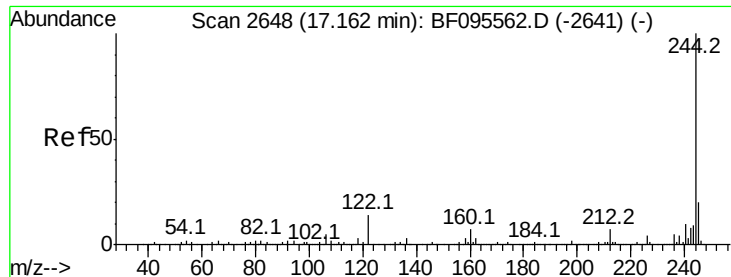


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

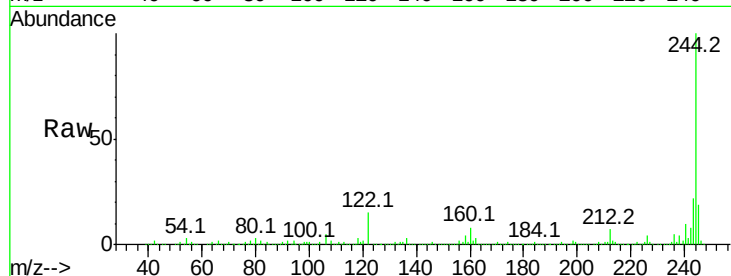




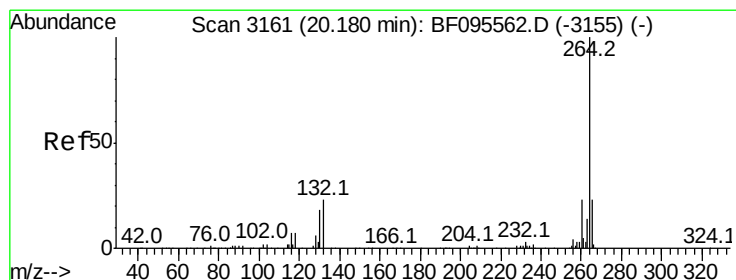
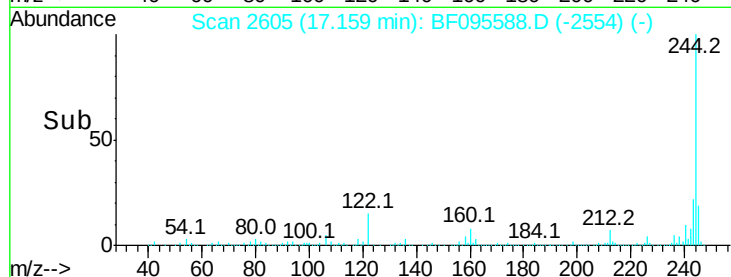
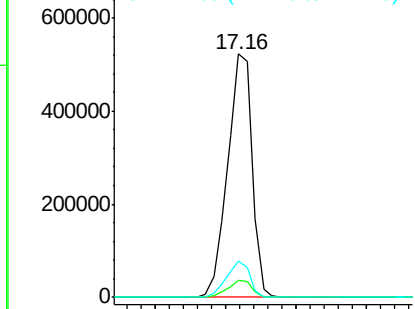
#78
 Terphenyl-d14
 Concen: 82.07 ng
 RT: 17.16 min Scan# 2605
 Delta R.T. -0.00 min
 Lab File: BF095588.D
 Acq: 1 Jun 2017 5:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 630577
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 15.0 10.3 15.5

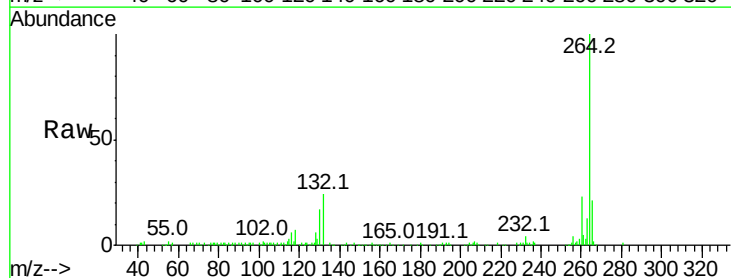


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.18 min Scan# 3119
 Delta R.T. 0.00 min
 Lab File: BF095588.D
 Acq: 1 Jun 2017 5:57

Tgt Ion:264 Resp: 129516
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.5 29.3
 265 21.0 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

