

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061417\
 Data File : BF095930.D
 Acq On : 14 Jun 2017 19:15
 Operator : SJ/MA
 Sample : I3550-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 15 01:07:37 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:15:31 2017
 Response via : Initial Calibration

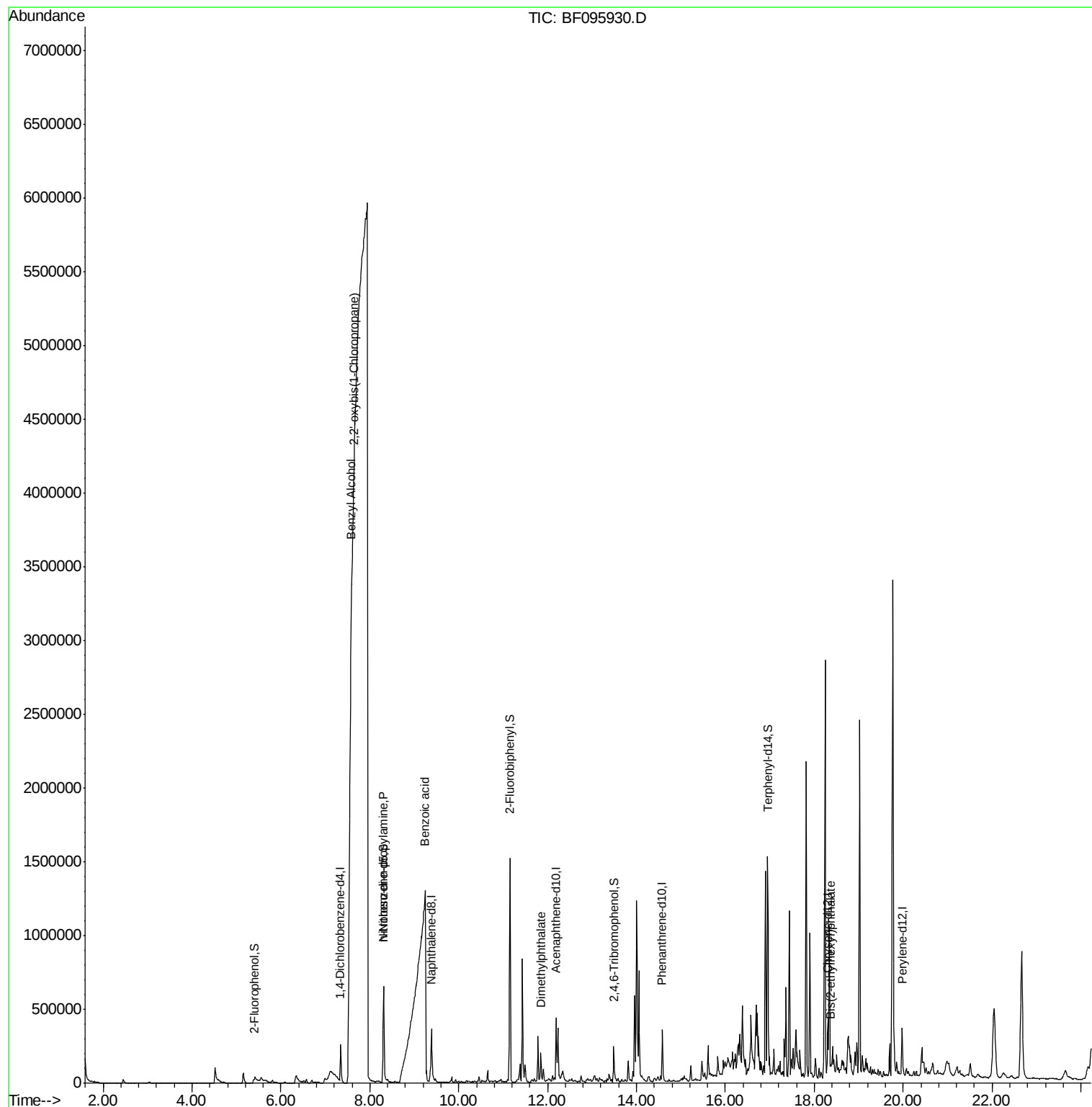
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.34	152	72209	20.00	ng	-0.06
21) Naphthalene-d8	9.39	136	289766	20.00	ng	-0.05
38) Acenaphthene-d10	12.19	164	124600	20.00	ng	-0.06
63) Phenanthrene-d10	14.58	188	183569	20.00	ng	-0.06
75) Chrysene-d12	18.30	240	145426	20.00	ng	-0.05
86) Perylene-d12	19.97	264	121330	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	38057	8.40	ng	0.12
7) Phenol-d6	6.99	99	2635	0.49	ng	0.04
23) Nitrobenzene-d5	8.31	82	361512	77.48	ng	-0.01
41) 2,4,6-Tribromophenol	13.49	330	45335	41.12	ng	-0.06
44) 2-Fluorobiphenyl	11.15	172	689953	77.06	ng	-0.06
78) Terphenyl-d14	16.96	244	408761	69.76	ng	-0.06
Target Compounds						
15) Benzyl Alcohol	7.58	79	13916	3.74	ng	# 33
16) 2,2'-oxybis(1-Chloropropan	7.63	45	25684	4.10	ng	92
19) n-Nitroso-di-n-propylamine	8.31	70	44648	12.99	ng	# 74
32) Benzoic acid	9.24	122	2634	6.05	ng	# 7
49) Dimethylphthalate	11.84	163	107956	11.41	ng	99
83) Bis(2-ethylhexyl)phthalate	18.37	149	15547	2.33	ng	97

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

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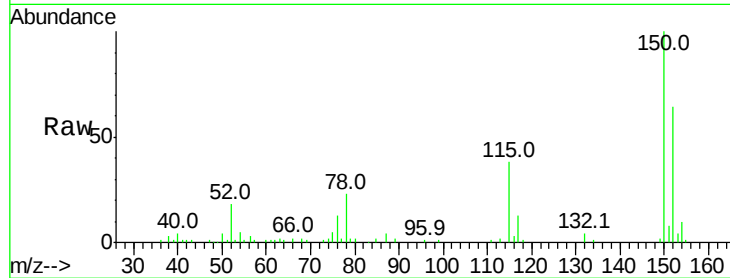


#1

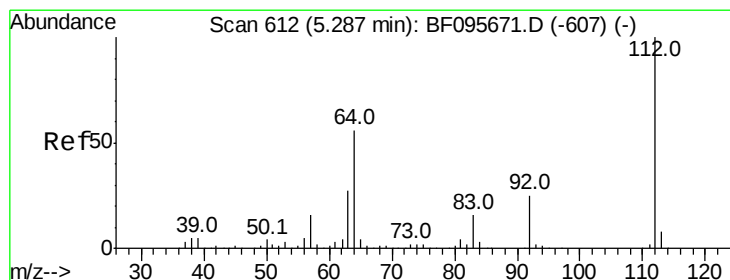
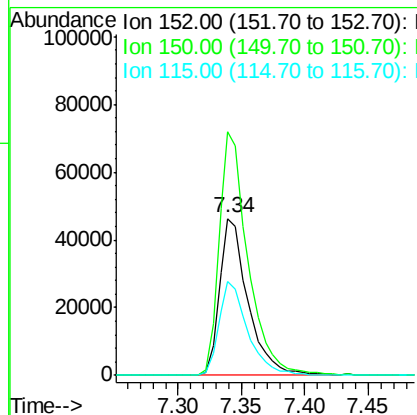
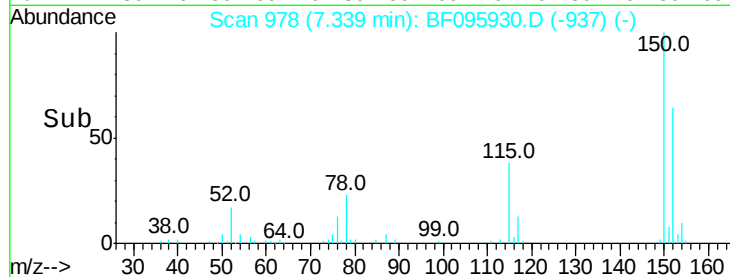
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.34 min Scan# 978
Delta R.T. -0.06 min
Lab File: BF095930.D
Acq: 14 Jun 2017 19:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 72209
Ion Ratio Lower Upper
152 100
150 155.5 126.2 189.2
115 59.8 52.2 78.2



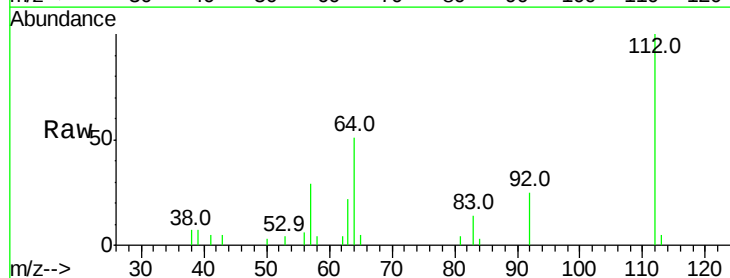
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



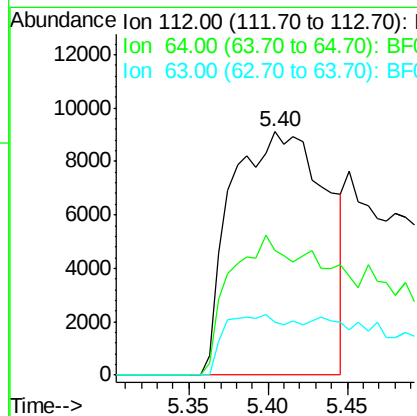
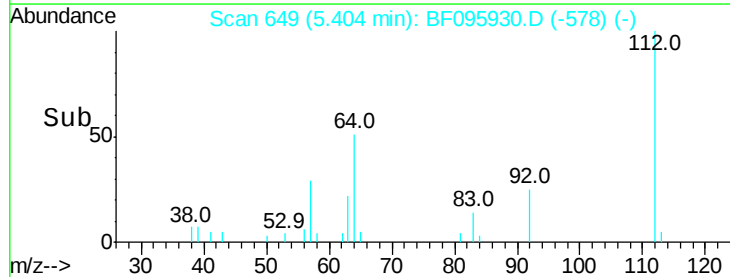
#5

2-Fluorophenol
Concen: 8.40 ng
RT: 5.40 min Scan# 649
Delta R.T. 0.12 min
Lab File: BF095930.D
Acq: 14 Jun 2017 19:15

Tgt Ion:112 Resp: 38057
Ion Ratio Lower Upper
112 100
64 51.2 46.0 69.0
63 22.0 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: 0.49 ng

RT: 6.99 min Scan# 919

Delta R.T. 0.04 min

Lab File: BF095930.D

Acq: 14 Jun 2017 19:15

Instrument :

BNA_F

ClientSampled :

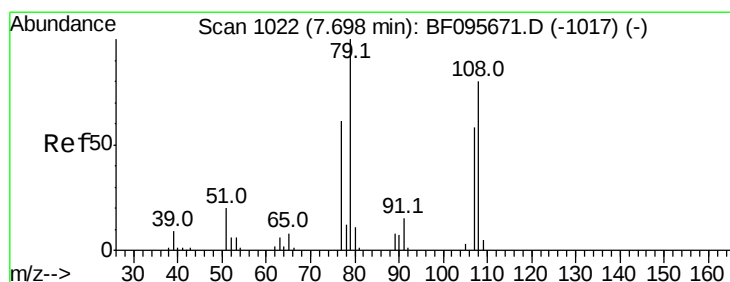
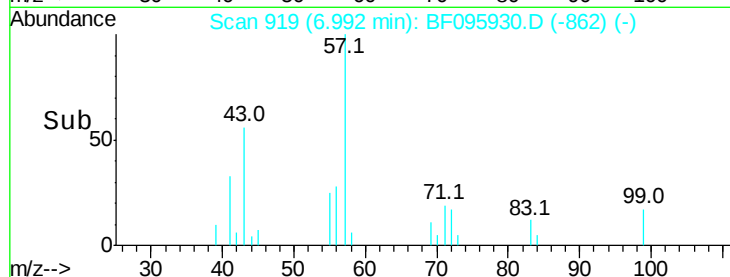
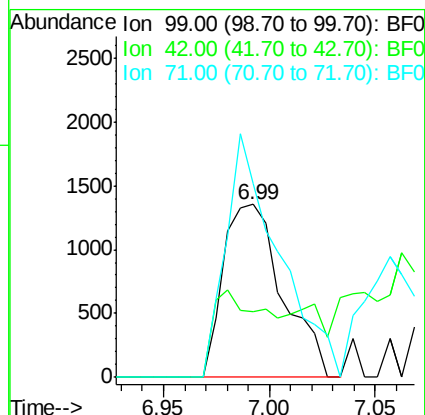
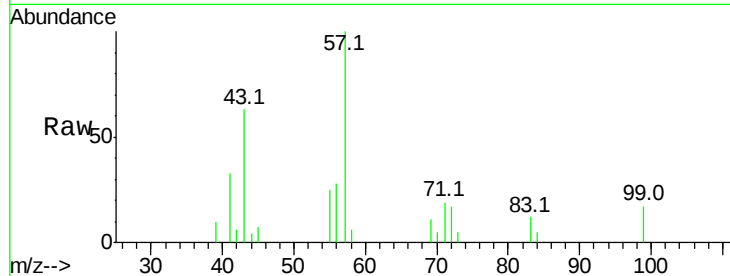
Tot Ion: 99 Resp: 2635

Ion Ratio Lower Upper

99 100

42 37.8 13.5 20.3#

71 111.8 24.5 36.7#



#15

Benzyl Alcohol

Concen: 3.74 ng

RT: 7.58 min Scan# 1019

Delta R.T. -0.12 min

Lab File: BF095930.D

Acq: 14 Jun 2017 19:15

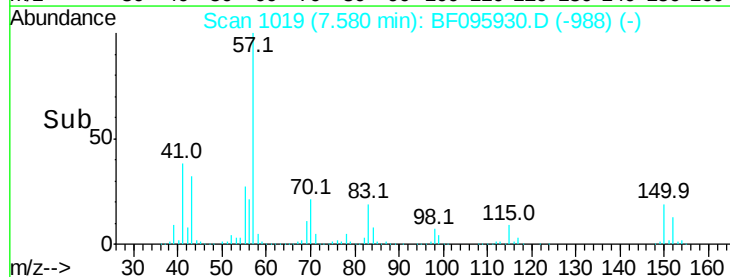
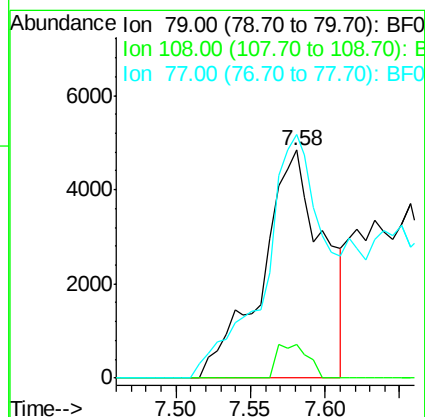
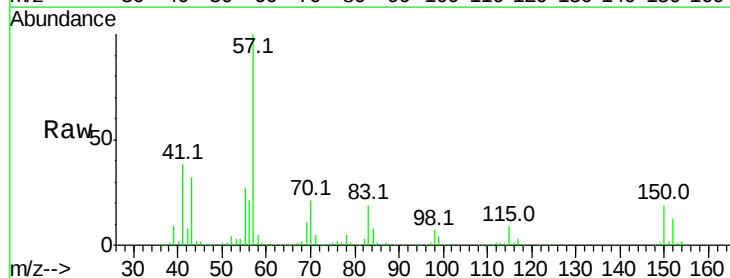
Tgt Ion: 79 Resp: 13916

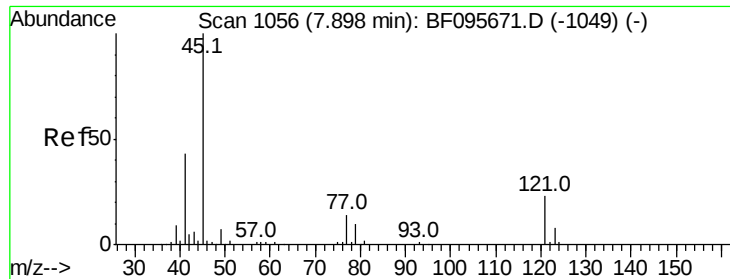
Ion Ratio Lower Upper

79 100

108 14.5 63.4 95.0#

77 106.7 49.2 73.8#

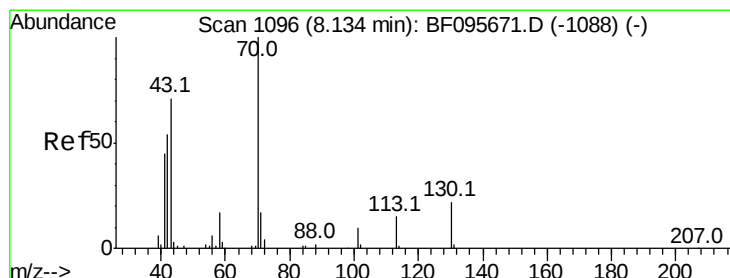
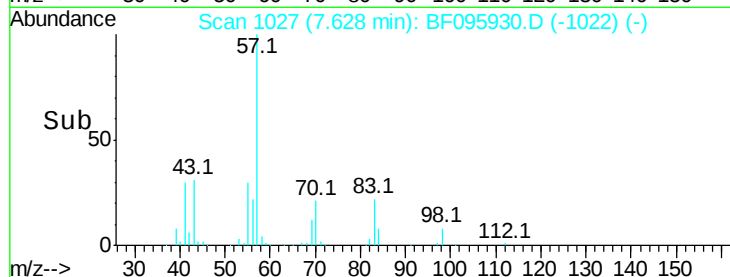
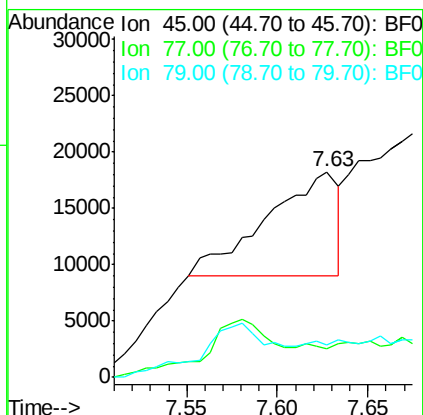
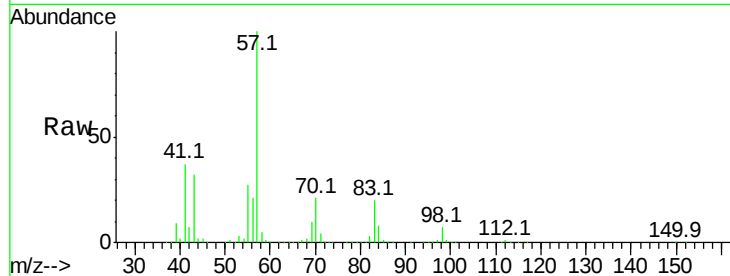




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 4.10 ng
RT: 7.63 min Scan# 1027
Delta R.T. -0.27 min
Lab File: BF095930.D
Acq: 14 Jun 2017 19:15

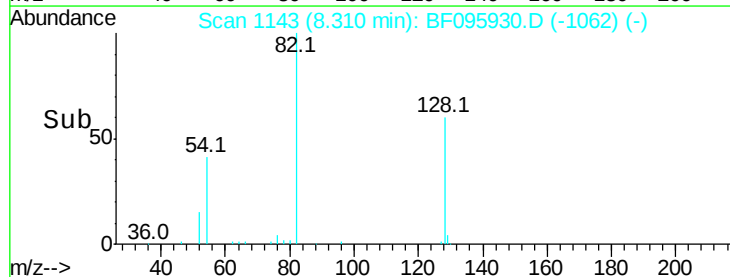
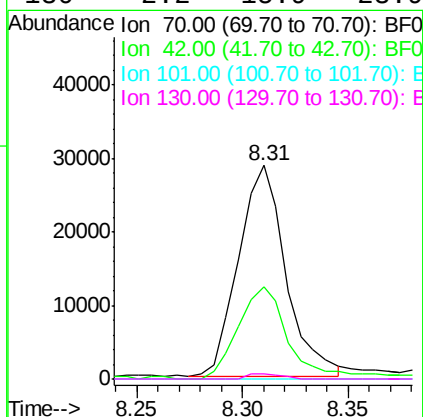
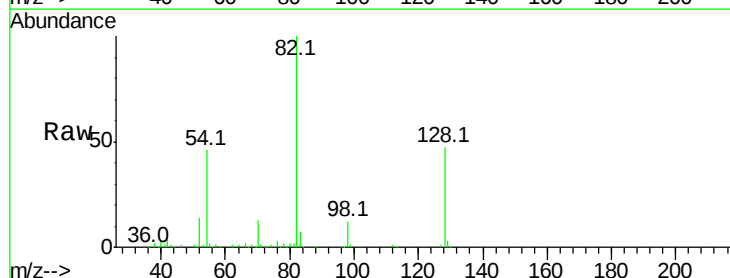
Instrument :
BNA_F
ClientSampled :

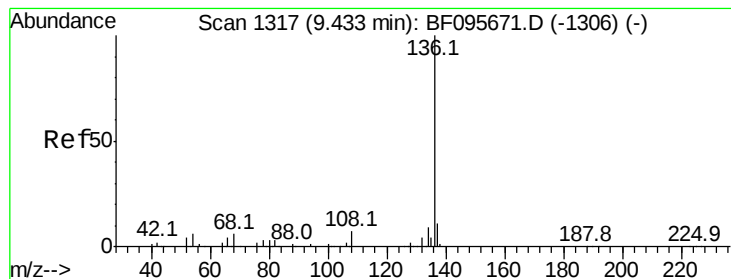
Tot Ion: 45 Resp: 25684
Ion Ratio Lower Upper
45 100
77 13.7 0.0 33.2
79 16.0 0.0 30.0



#19
n-Nitroso-di-n-propylamine
Concen: 12.99 ng
RT: 8.31 min Scan# 1143
Delta R.T. 0.18 min
Lab File: BF095930.D
Acq: 14 Jun 2017 19:15

Tgt Ion: 70 Resp: 44648
Ion Ratio Lower Upper
70 100
42 43.1 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: 9.39 min Scan# 1326

Delta R.T. -0.05 min

Lab File: BF095930.D

Acq: 14 Jun 2017 19:15

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 289766

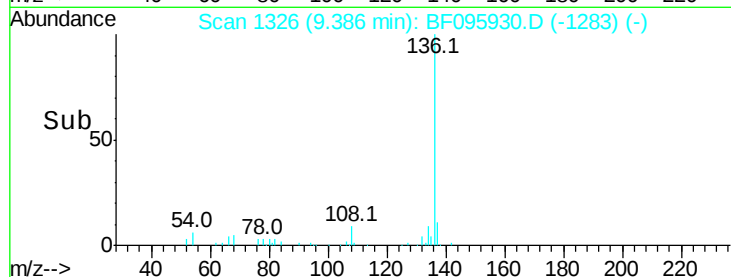
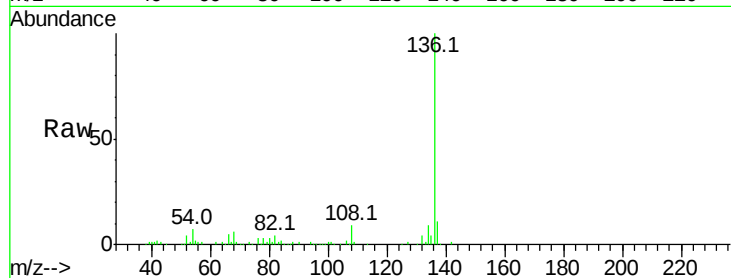
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 7.4 4.9 7.3#

68 6.2 4.1 6.1#



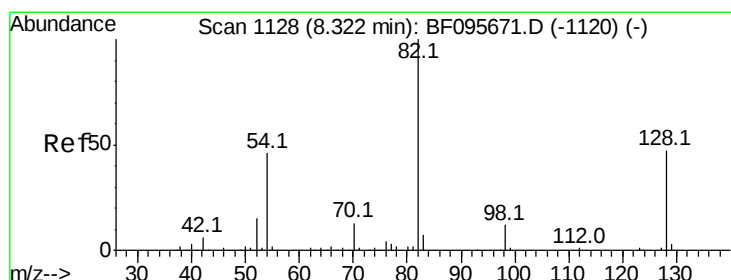
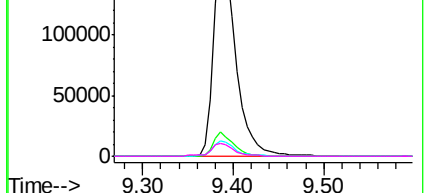
Abundance Ion 136.00 (135.70 to 136.70): E

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

Time-->



#23

Nitrobenzene-d5

Concen: 77.48 ng

RT: 8.31 min Scan# 1143

Delta R.T. -0.01 min

Lab File: BF095930.D

Acq: 14 Jun 2017 19:15

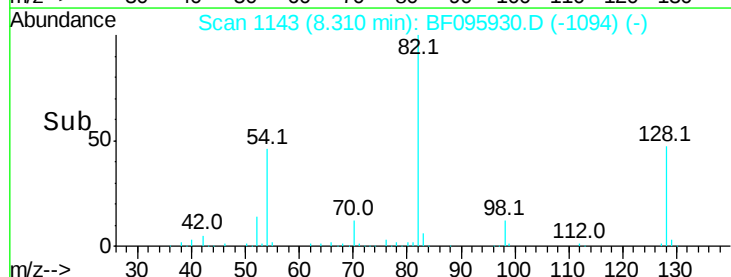
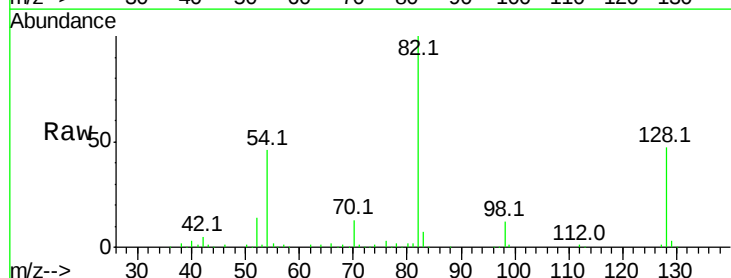
Tgt Ion: 82 Resp: 361512

Ion Ratio Lower Upper

82 100

128 47.3 34.0 51.0

54 45.7 42.2 63.2

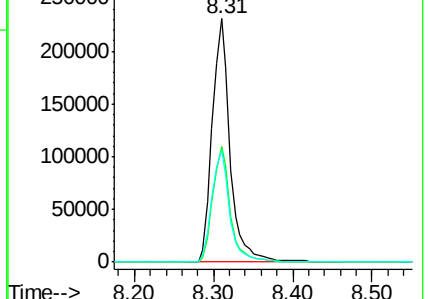


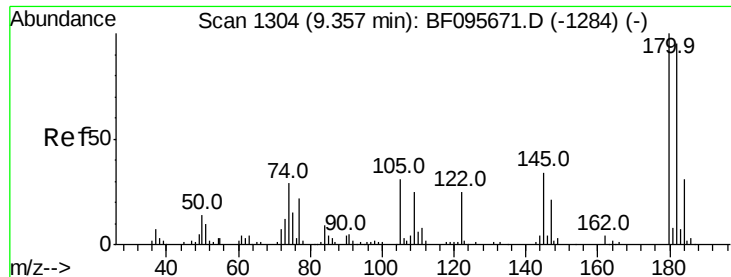
Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

Time-->





#32

Benzoic acid

Concen: 6.05 ng

RT: 9.24 min Scan# 1301

Delta R.T. -0.12 min

Lab File: BF095930.D

Acq: 14 Jun 2017 19:15

Instrument :

BNA_F

ClientSampled :

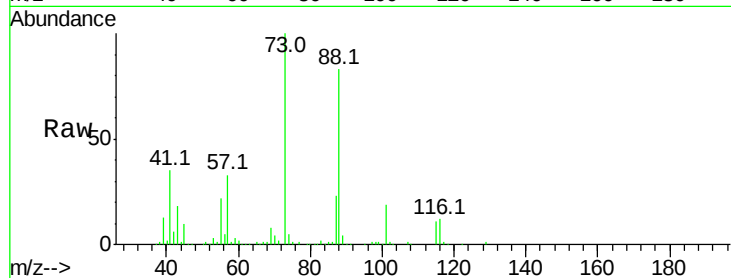
Tot Ion:122 Resp: 2634

Ion Ratio Lower Upper

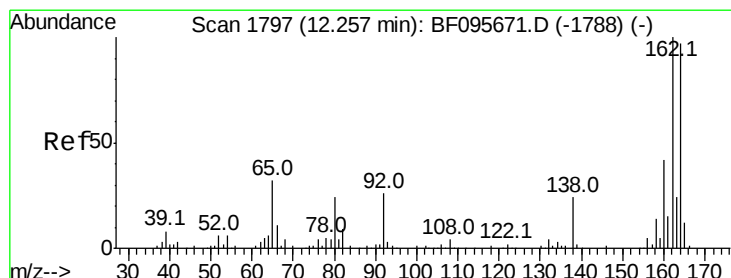
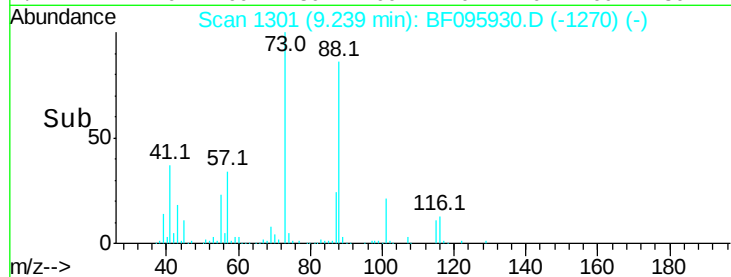
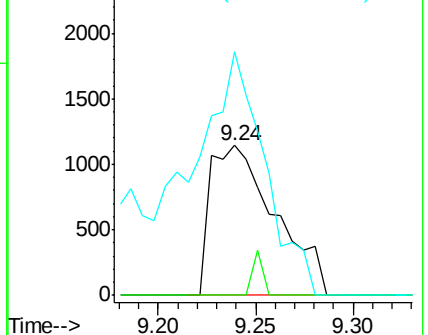
122 100

105 0.0 103.3 143.3#

77 162.4 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: 12.19 min Scan# 1803

Delta R.T. -0.06 min

Lab File: BF095930.D

Acq: 14 Jun 2017 19:15

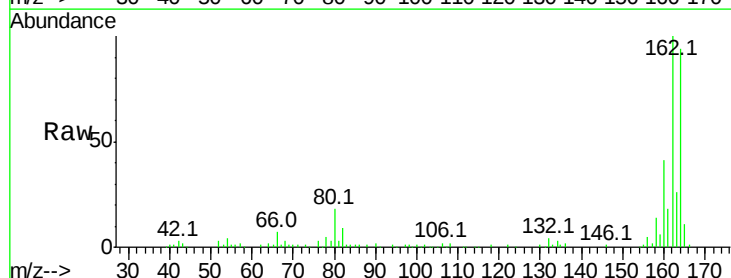
Tgt Ion:164 Resp: 124600

Ion Ratio Lower Upper

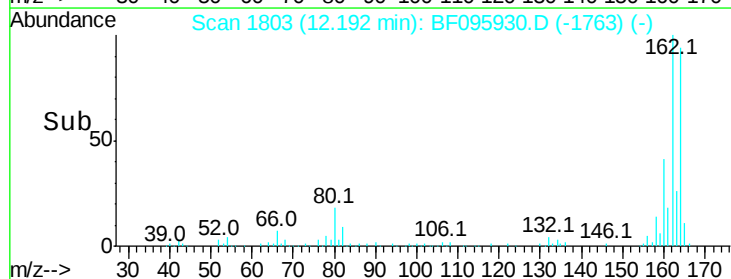
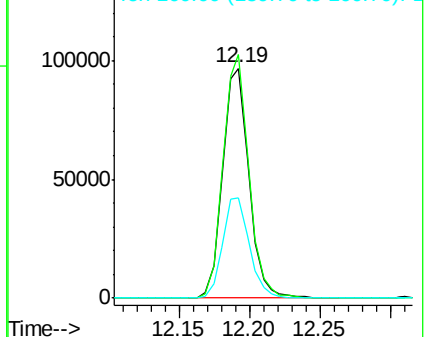
164 100

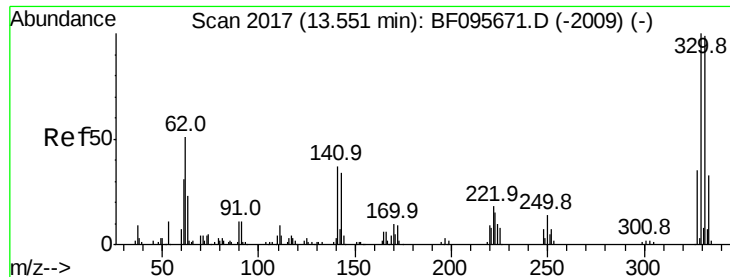
162 105.9 82.6 123.8

160 43.7 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

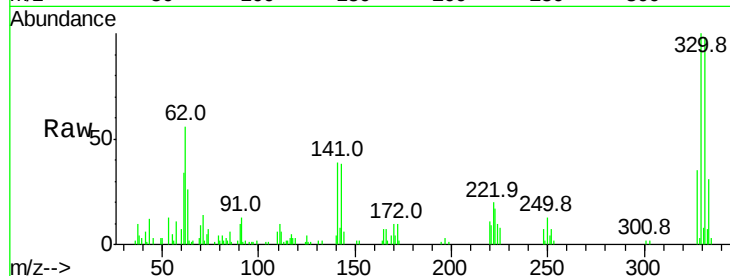




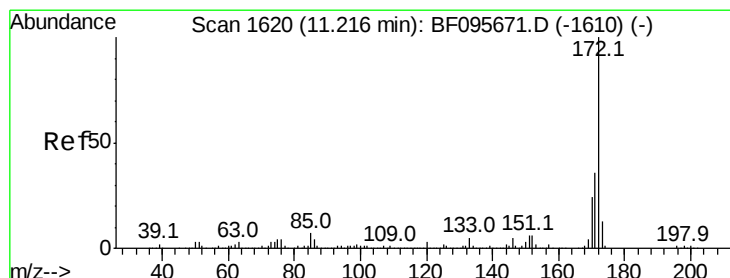
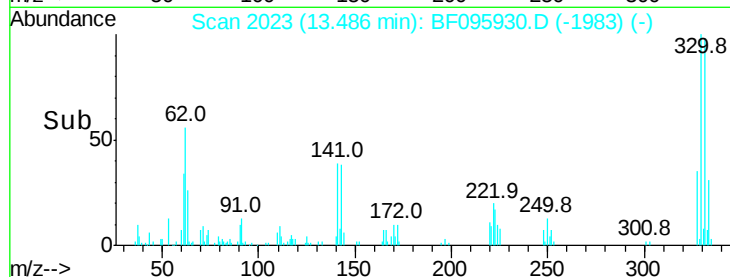
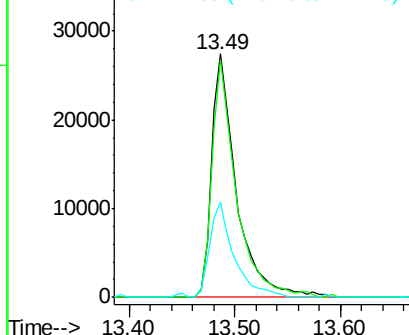
#41
 2,4,6-Tribromophenol
 Concen: 41.12 ng
 RT: 13.49 min Scan# 2023
 Delta R.T. -0.06 min
 Lab File: BF095930.D
 Acq: 14 Jun 2017 19:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 45335
 Ion Ratio Lower Upper
 330 100
 332 95.3 76.6 115.0
 141 38.1 31.4 47.2

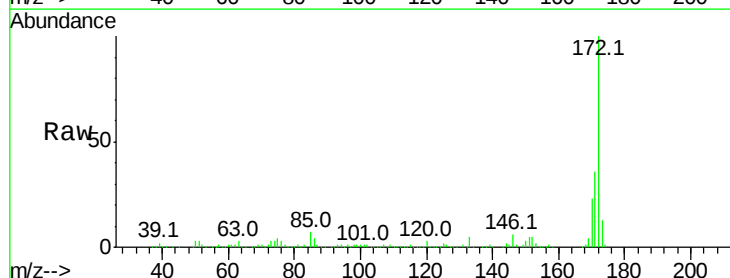


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

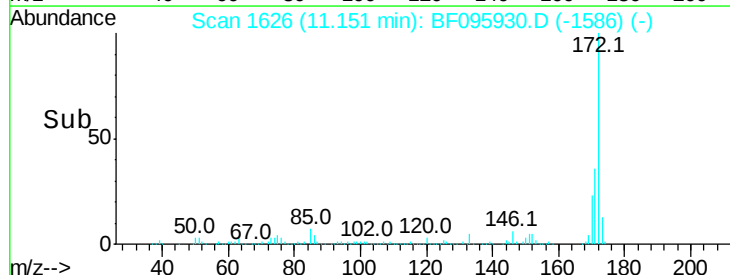
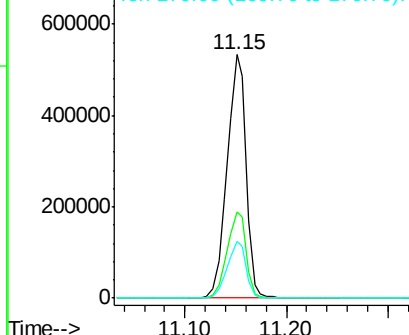


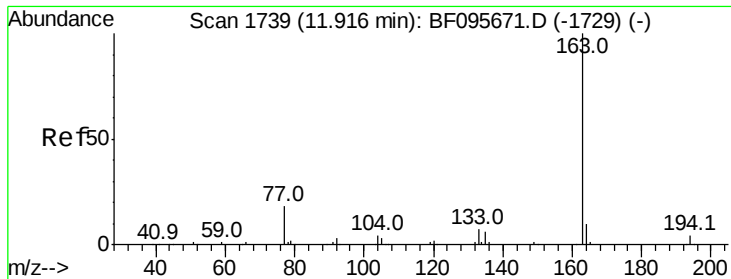
#44
 2-Fluorobiphenyl
 Concen: 77.06 ng
 RT: 11.15 min Scan# 1626
 Delta R.T. -0.06 min
 Lab File: BF095930.D
 Acq: 14 Jun 2017 19:15

Tgt Ion:172 Resp: 689953
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.6 44.4
 170 23.1 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: 11.41 ng

RT: 11.84 min Scan# 1744

Delta R.T. -0.07 min

Lab File: BF095930.D

Acq: 14 Jun 2017 19:15

Instrument :

BNA_F

ClientSampleId :

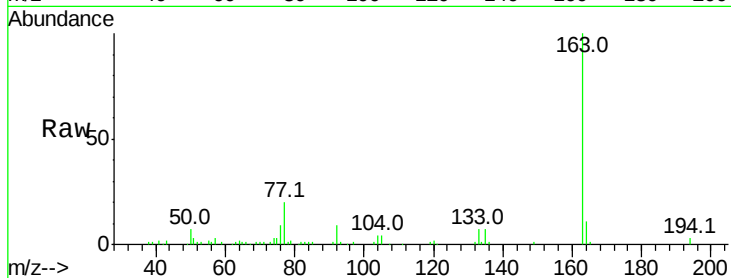
Tot Ion:163 Resp: 107956

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

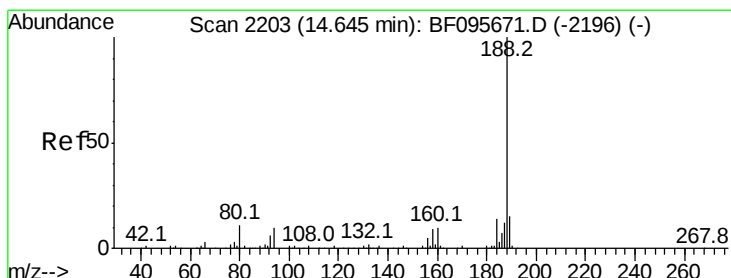
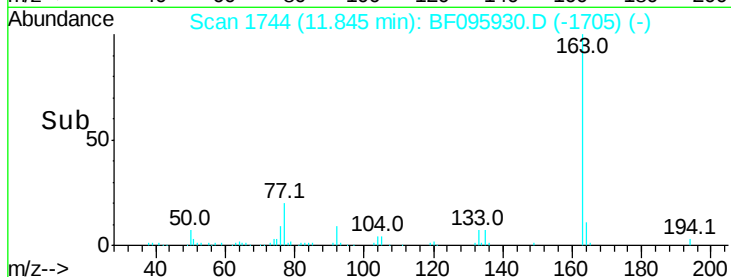
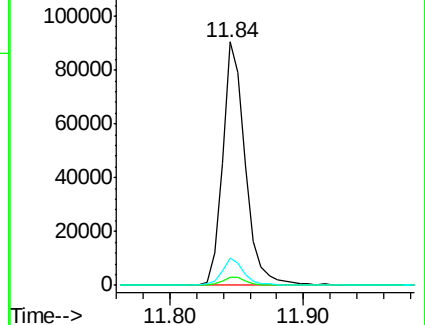
164 11.0 8.4 12.6



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 14.58 min Scan# 2209

Delta R.T. -0.06 min

Lab File: BF095930.D

Acq: 14 Jun 2017 19:15

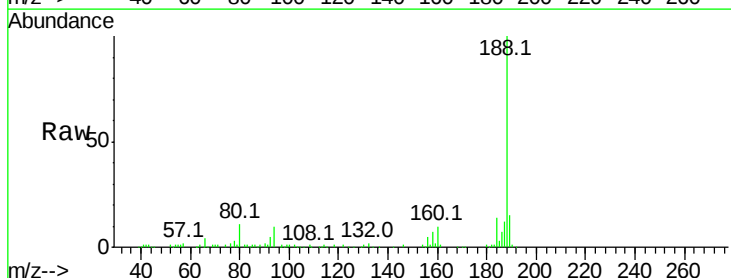
Tgt Ion:188 Resp: 183569

Ion Ratio Lower Upper

188 100

94 9.6 9.4 14.2

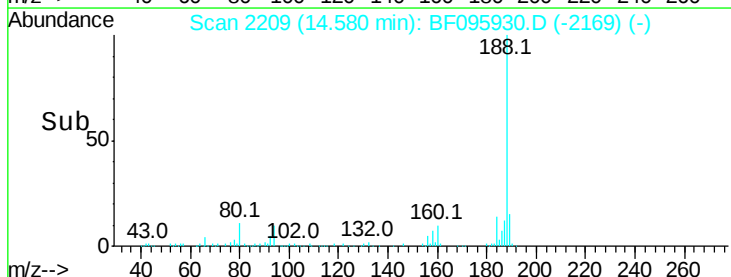
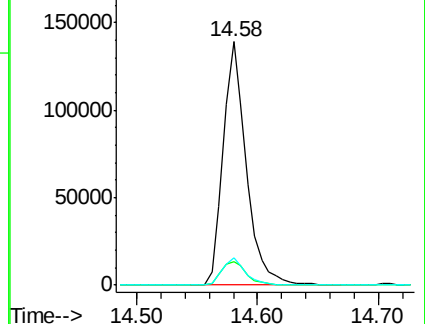
80 11.0 10.2 15.2

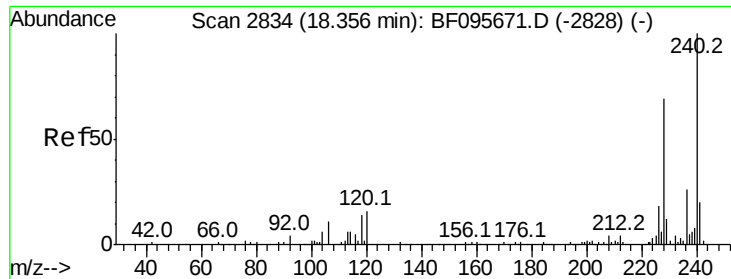


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

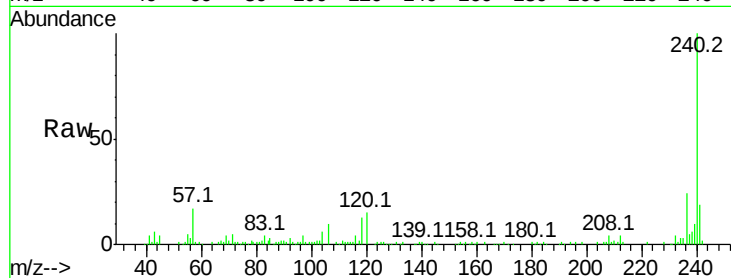




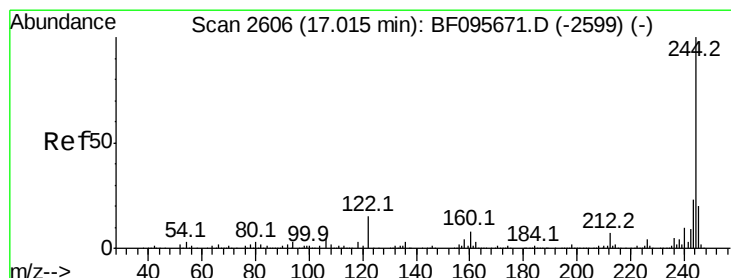
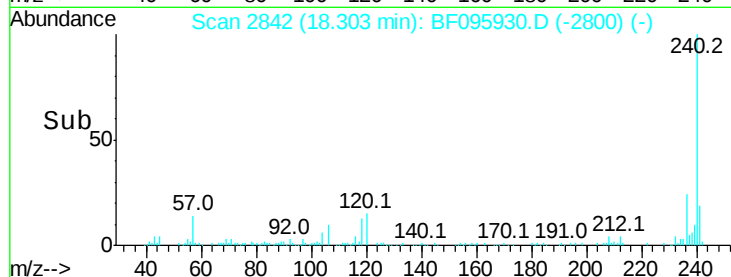
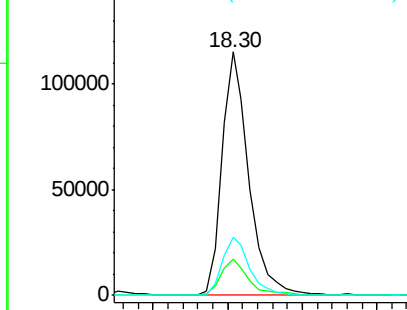
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.30 min Scan# 2842
 Delta R.T. -0.05 min
 Lab File: BF095930.D
 Acq: 14 Jun 2017 19:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:240 Resp: 145426
 Ion Ratio Lower Upper
 240 100
 120 14.6 5.8 8.8#
 236 24.1 20.5 30.7

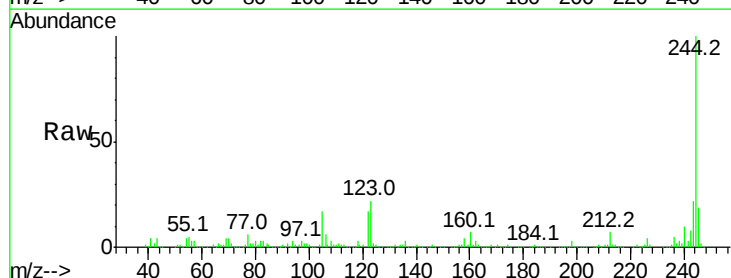


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

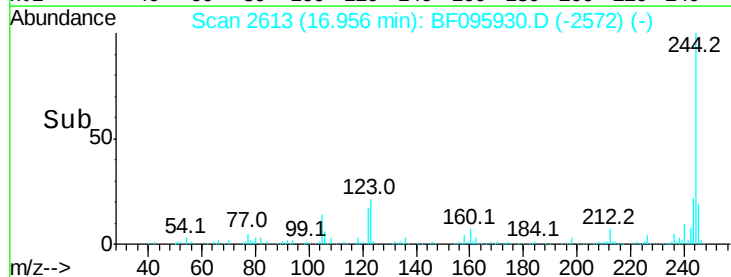
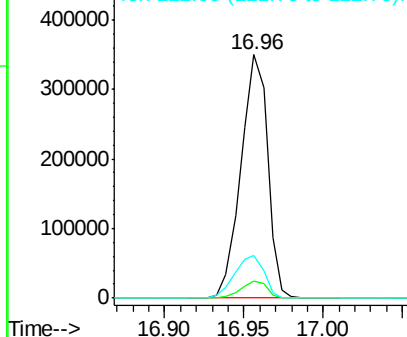


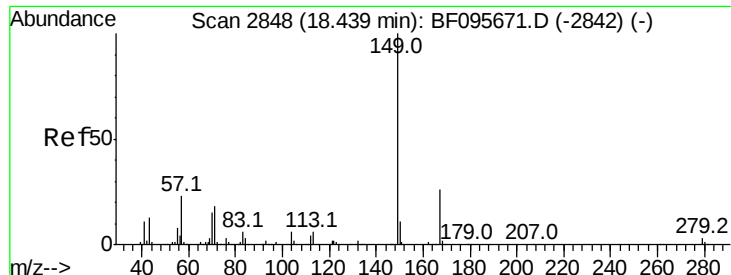
#78
 Terphenyl-d14
 Concen: 69.76 ng
 RT: 16.96 min Scan# 2613
 Delta R.T. -0.06 min
 Lab File: BF095930.D
 Acq: 14 Jun 2017 19:15

Tgt Ion:244 Resp: 408761
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 17.5 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





#83

Bis(2-ethylhexyl)phthalate

Concen: 2.33 ng

RT: 18.37 min Scan# 2854

Delta R.T. -0.06 min

Lab File: BF095930.D

Acq: 14 Jun 2017 19:15

Instrument :

BNA_F

ClientSampleId :

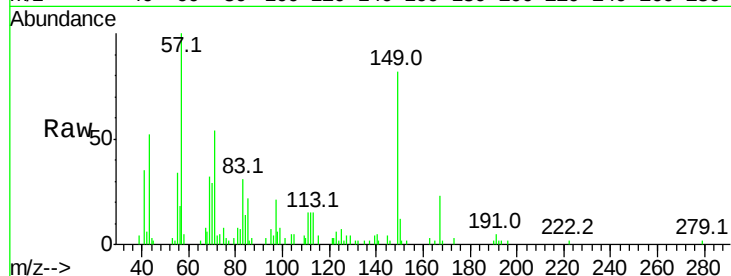
Tot Ion:149 Resp: 15547

Ion Ratio Lower Upper

149 100

167 27.9 21.0 31.4

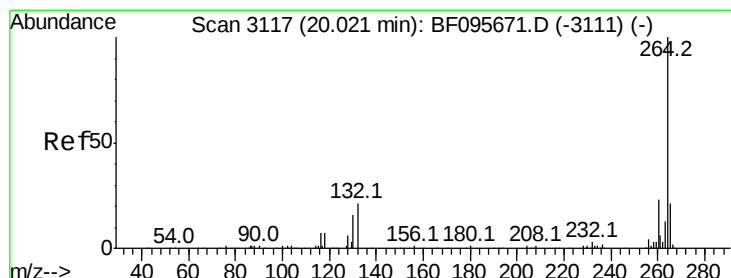
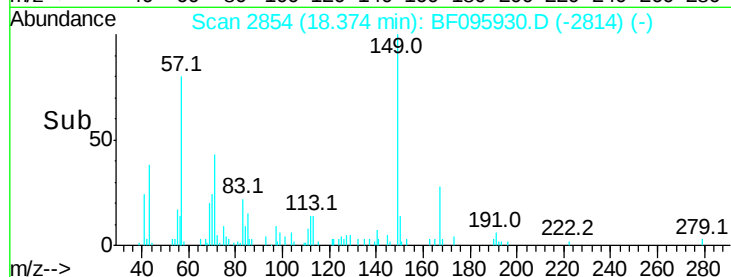
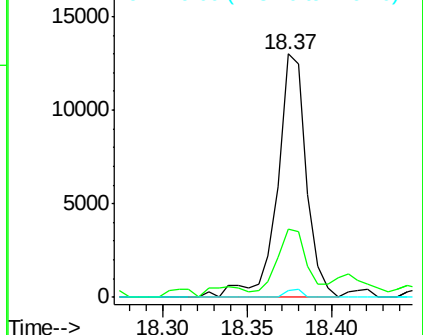
279 2.8 1.9 2.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 19.97 min Scan# 3126

Delta R.T. -0.05 min

Lab File: BF095930.D

Acq: 14 Jun 2017 19:15

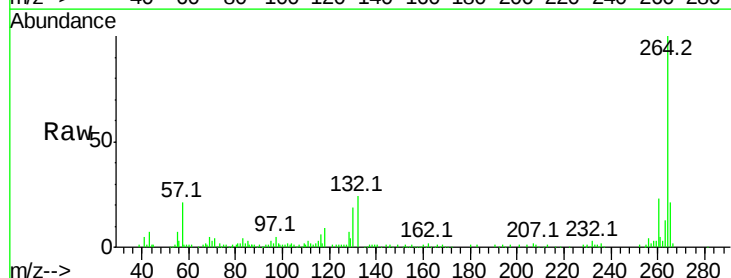
Tgt Ion:264 Resp: 121330

Ion Ratio Lower Upper

264 100

260 22.9 19.5 29.3

265 21.2 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

