

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060117\
 Data File : BF095622.D
 Acq On : 2 Jun 2017 7:05
 Operator : SJ/MA
 Sample : I3398-02
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 02 08:06:45 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 18:51:16 2017
 Response via : Initial Calibration

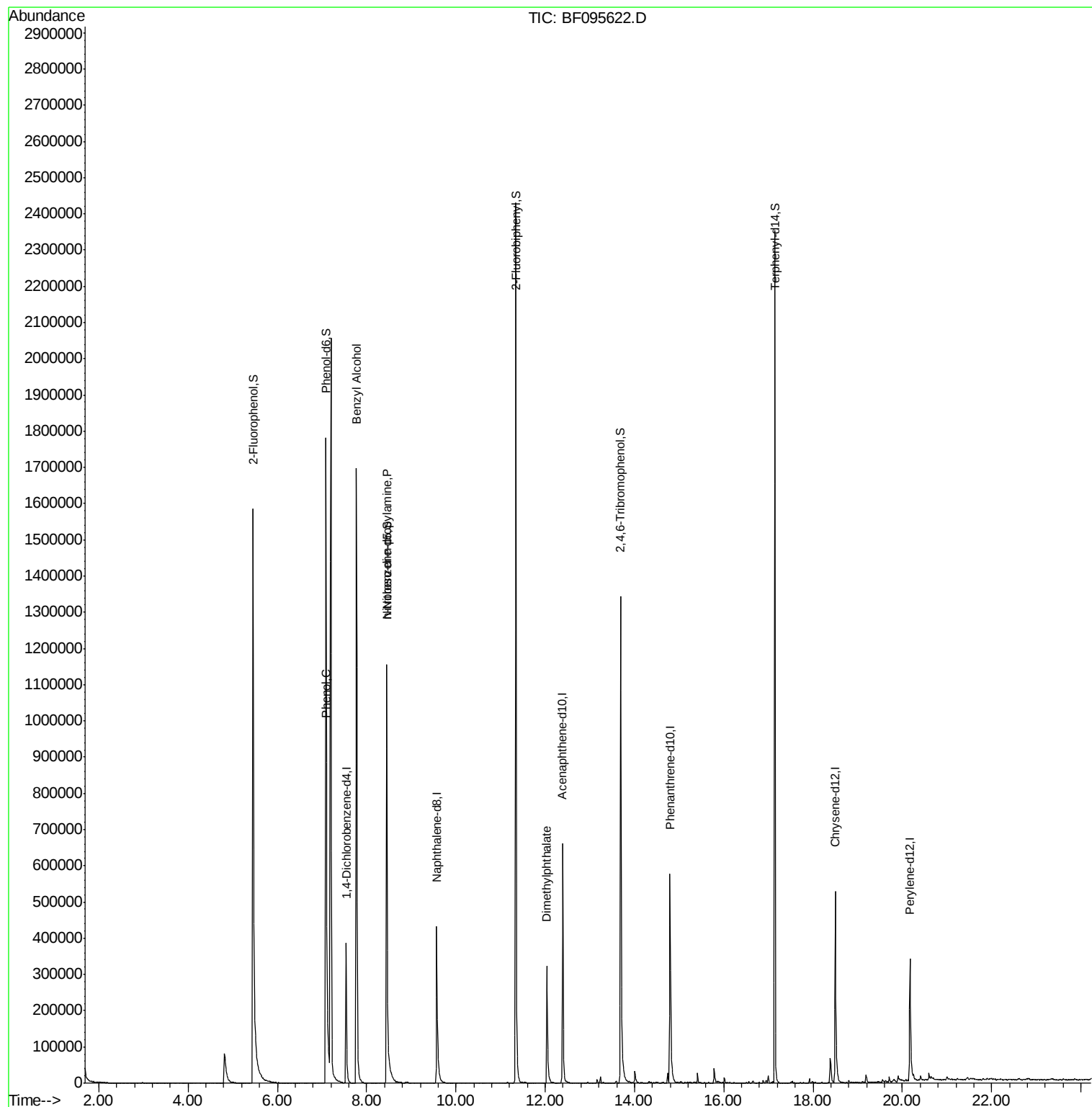
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	98713	20.00	ng	0.00
21) Naphthalene-d8	9.57	136	404683	20.00	ng	0.00
38) Acenaphthene-d10	12.39	164	195024	20.00	ng	0.00
63) Phenanthrene-d10	14.80	188	392856	20.00	ng	0.00
75) Chrysene-d12	18.50	240	311955	20.00	ng	0.00
86) Perylene-d12	20.17	264	206071	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	945381	159.67	ng	0.01
7) Phenol-d6	7.09	99	1072835	151.02	ng	0.00
23) Nitrobenzene-d5	8.45	82	680142	105.98	ng	-0.01
41) 2,4,6-Tribromophenol	13.69	330	259367	162.39	ng	0.00
44) 2-Fluorobiphenyl	11.35	172	1162628	85.81	ng	0.00
78) Terphenyl-d14	17.15	244	1000633	70.65	ng	0.00
Target Compounds						
10) Phenol	7.10	94	34346	4.59	ng	# 77
15) Benzyl Alcohol	7.77	79	9947	2.18	ng	# 35
19) n-Nitroso-di-n-propylamine	8.45	70	82851	17.24	ng	# 76
49) Dimethylphthalate	12.04	163	250512	15.65	ng	100

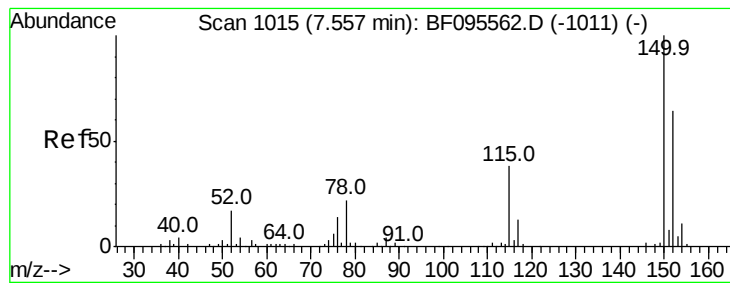
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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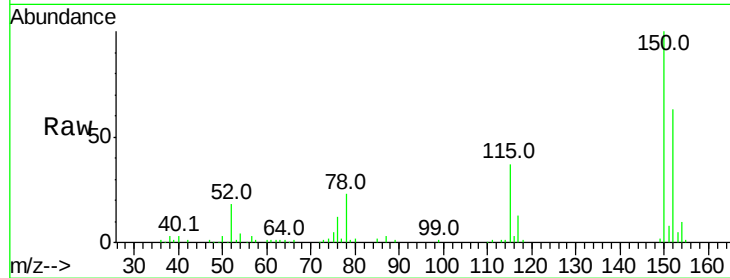


#1

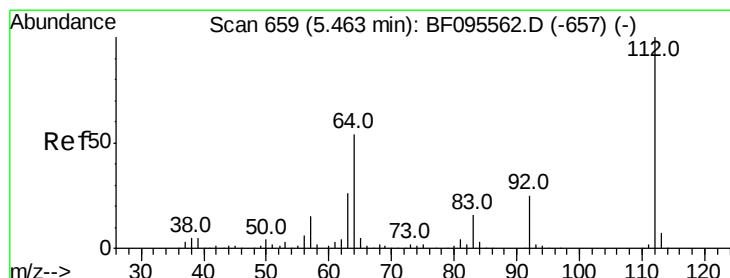
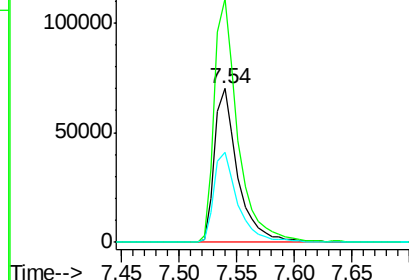
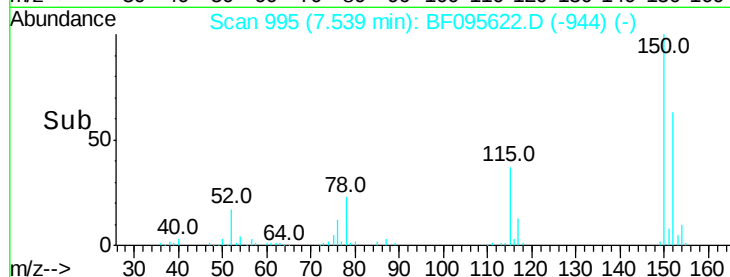
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.54 min Scan# 995
Delta R.T. -0.00 min
Lab File: BF095622.D
Acq: 2 Jun 2017 7:05

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 98713
Ion Ratio Lower Upper
152 100
150 158.3 126.2 189.2
115 58.5 52.2 78.2



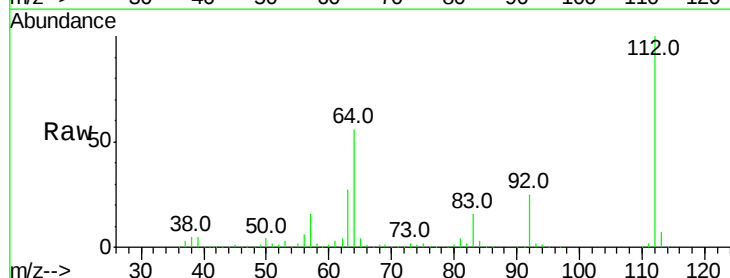
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



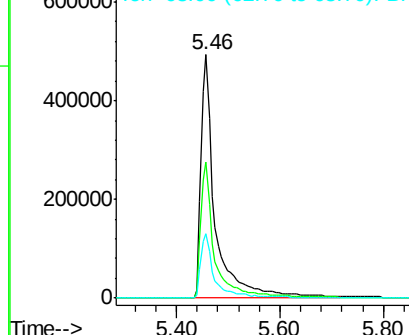
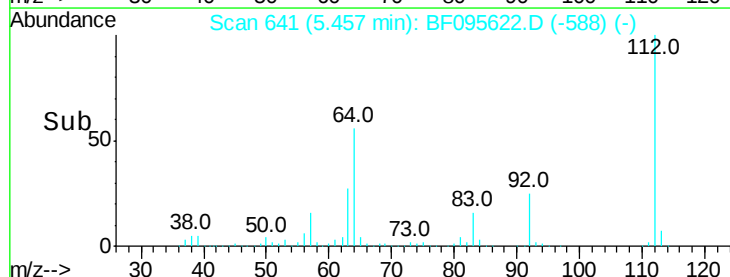
#5

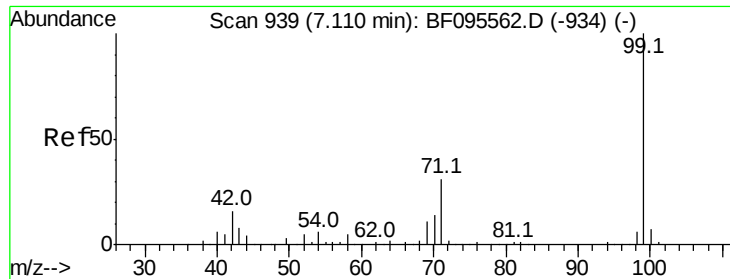
2-Fluorophenol
Concen: 159.67 ng
RT: 5.46 min Scan# 641
Delta R.T. 0.01 min
Lab File: BF095622.D
Acq: 2 Jun 2017 7:05

Tgt Ion:112 Resp: 945381
Ion Ratio Lower Upper
112 100
64 55.7 46.0 69.0
63 26.6 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: 151.02 ng

RT: 7.09 min Scan# 919

Delta R.T. -0.01 min

Lab File: BF095622.D

Acq: 2 Jun 2017 7:05

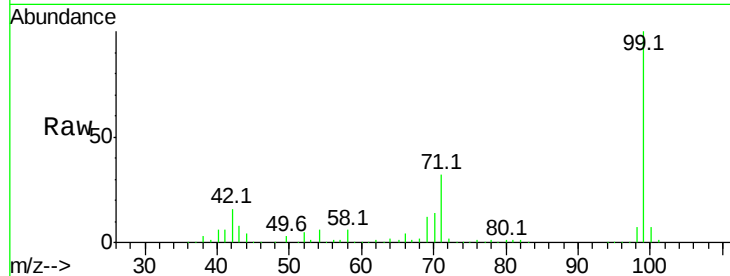
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1072835

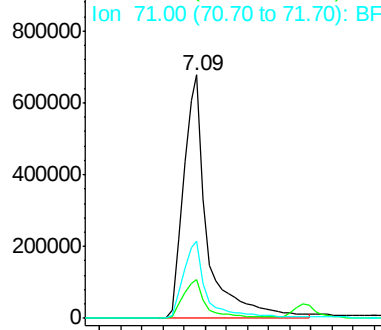
Ion	Ratio	Lower	Upper
99	100		
42	15.8	13.5	20.3
71	32.0	24.5	36.7



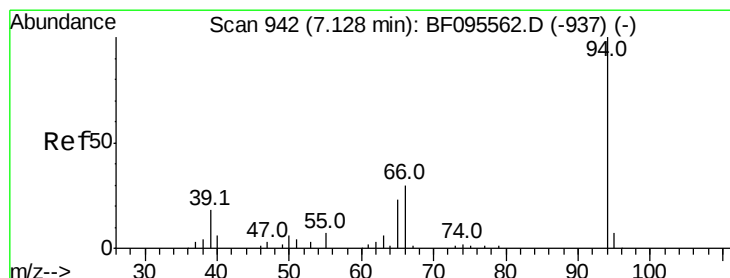
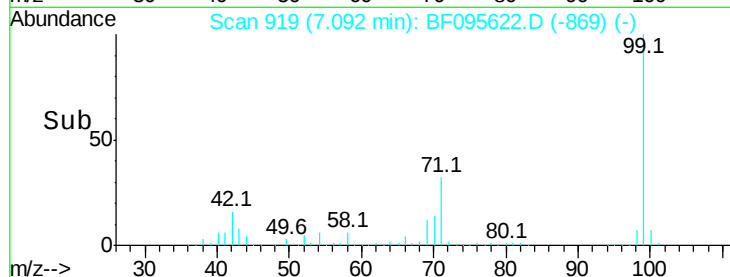
Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



Time-->



#10

Phenol

Concen: 4.59 ng

RT: 7.10 min Scan# 921

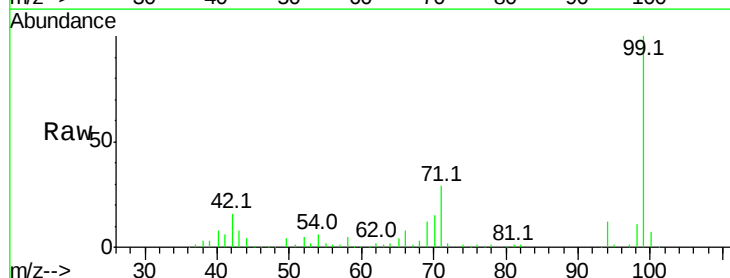
Delta R.T. -0.01 min

Lab File: BF095622.D

Acq: 2 Jun 2017 7:05

Tgt Ion: 94 Resp: 34346

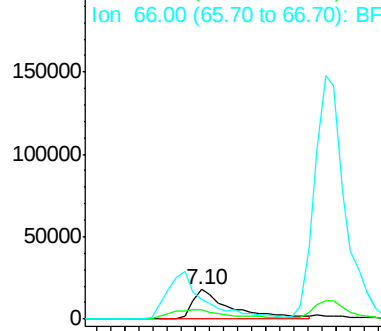
Ion	Ratio	Lower	Upper
94	100		
65	32.0	9.9	49.9
66	66.1	23.1	63.1



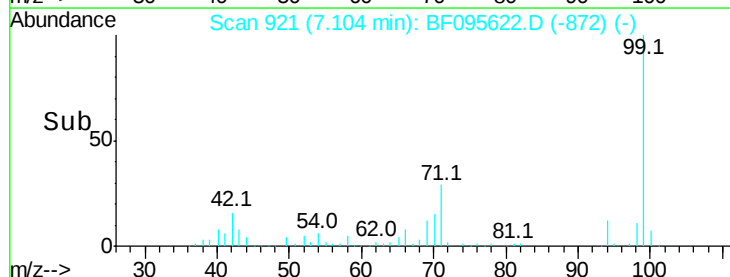
Abundance Ion 94.00 (93.70 to 94.70): BF0

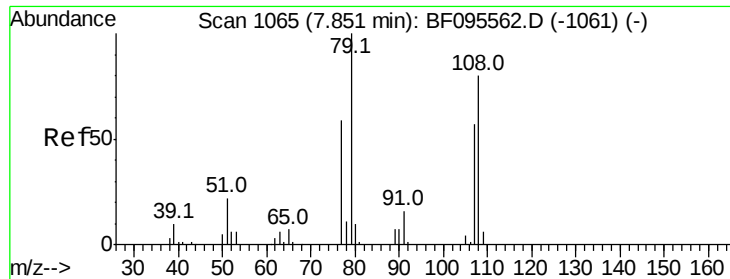
Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



Time-->





#15

Benzyl Alcohol

Concen: 2.18 ng

RT: 7.77 min Scan# 1035

Delta R.T. -0.06 min

Lab File: BF095622.D

Acq: 2 Jun 2017 7:05

Instrument :

BNA_F

ClientSampleId :

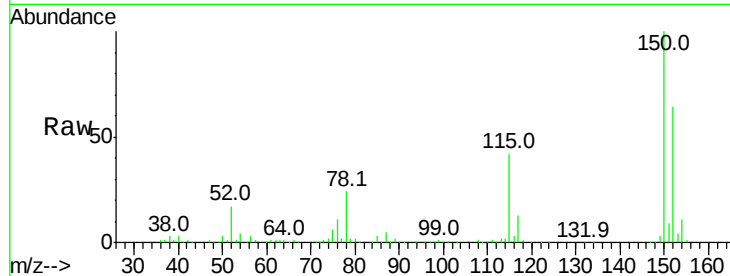
Tot Ion: 79 Resp: 9947

Ion Ratio Lower Upper

79 100

108 32.2 63.4 95.0#

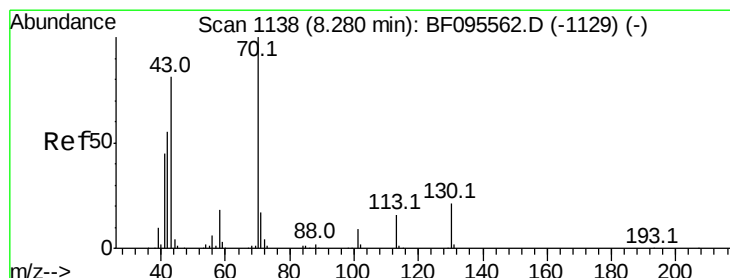
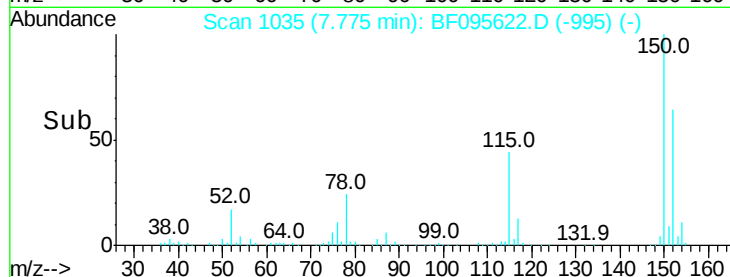
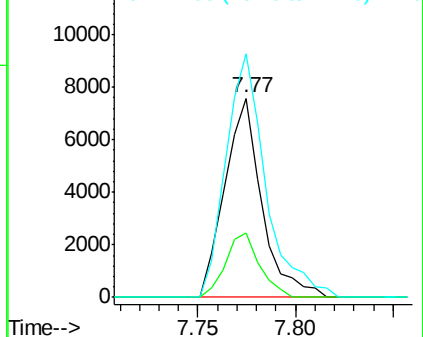
77 122.5 49.2 73.8#



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: 17.24 ng

RT: 8.45 min Scan# 1150

Delta R.T. 0.18 min

Lab File: BF095622.D

Acq: 2 Jun 2017 7:05

Tgt Ion: 70 Resp: 82851

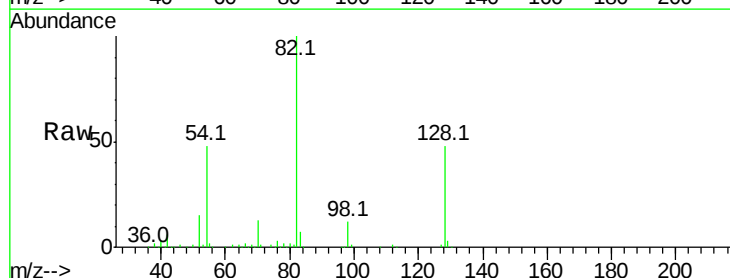
Ion Ratio Lower Upper

70 100

42 45.0 47.2 70.8#

101 0.0 7.2 10.8#

130 2.5 15.9 23.9#

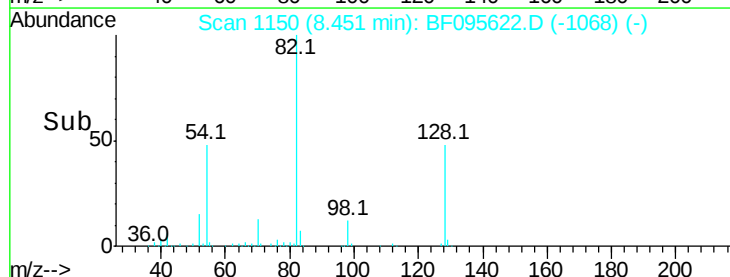
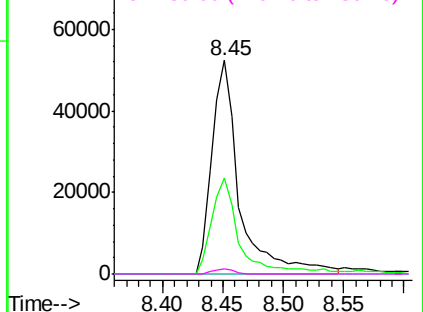


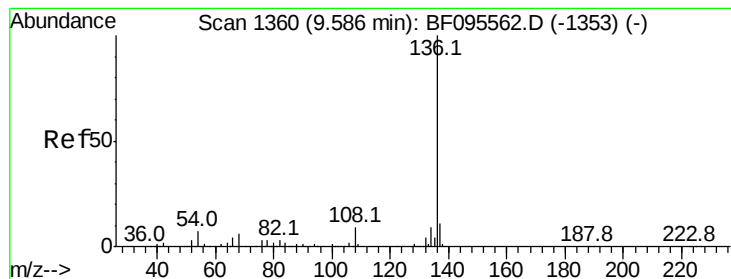
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.57 min Scan# 1340

Delta R.T. -0.01 min

Lab File: BF095622.D

Acq: 2 Jun 2017 7:05

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 404683

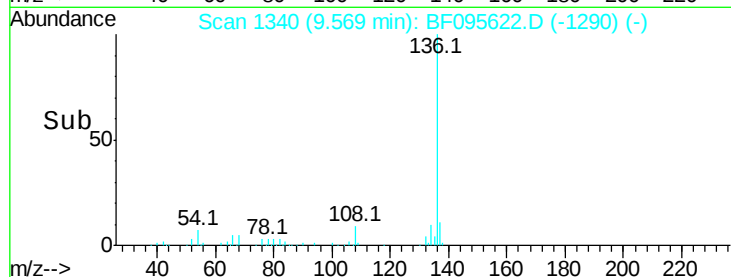
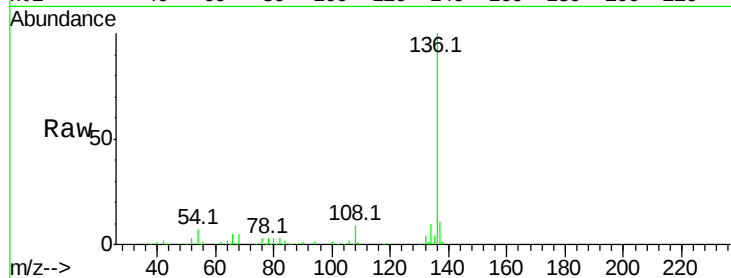
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 6.8 4.9 7.3

68 5.5 4.1 6.1

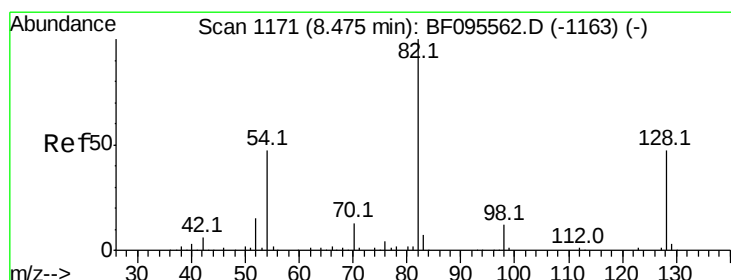
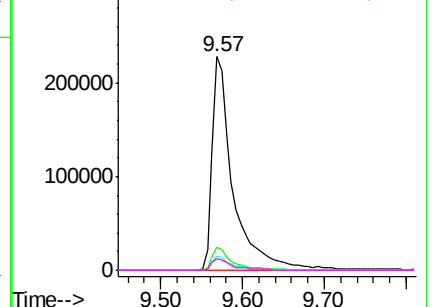


Abundance Ion 136.00 (135.70 to 136.70): E

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: 105.98 ng

RT: 8.45 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF095622.D

Acq: 2 Jun 2017 7:05

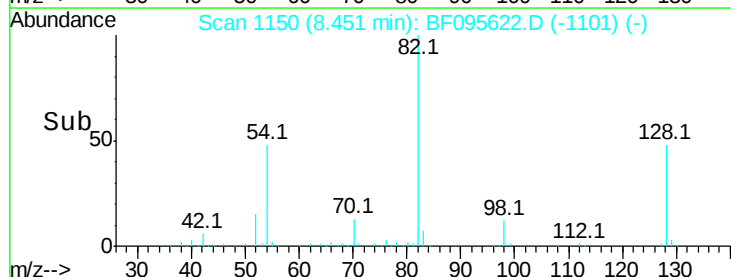
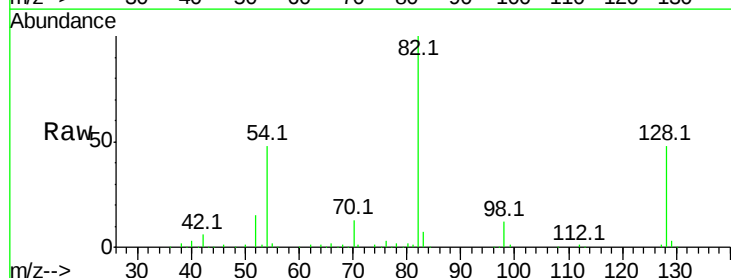
Tgt Ion: 82 Resp: 680142

Ion Ratio Lower Upper

82 100

128 48.2 34.0 51.0

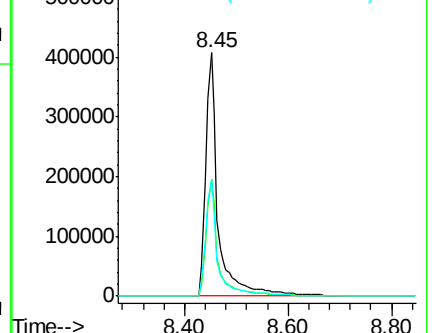
54 47.8 42.2 63.2

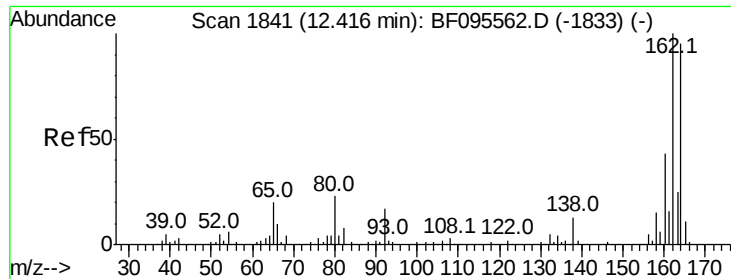


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 12.39 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF095622.D

Acq: 2 Jun 2017 7:05

Instrument :

BNA_F

ClientSampleId :

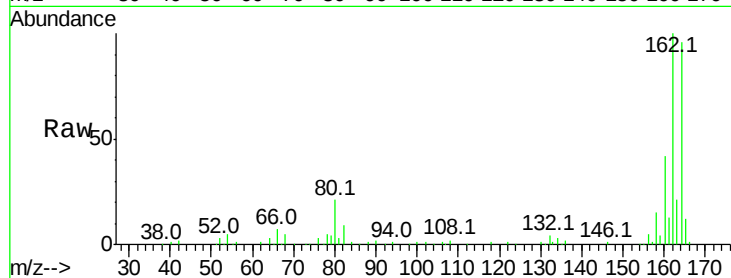
Tot Ion:164 Resp: 195024

Ion Ratio Lower Upper

164 100

162 104.4 82.6 123.8

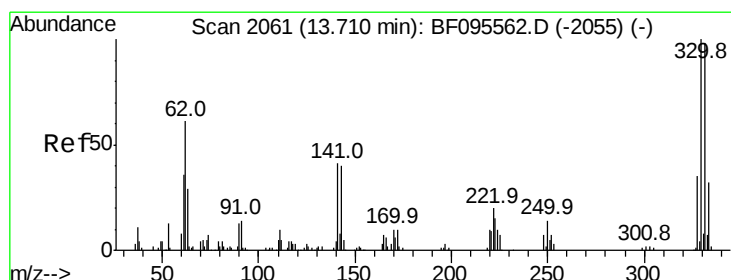
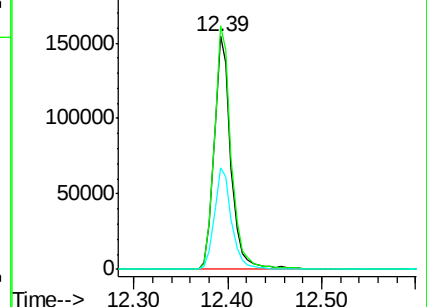
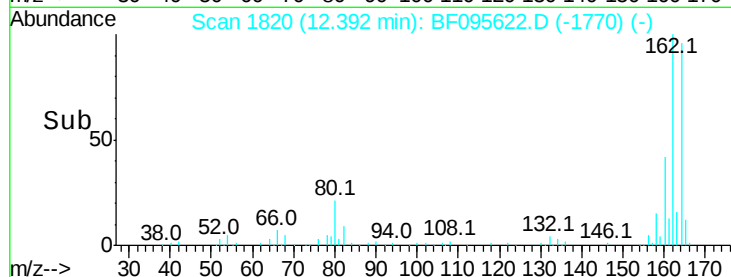
160 43.7 36.2 54.2



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: 162.39 ng

RT: 13.69 min Scan# 2041

Delta R.T. -0.01 min

Lab File: BF095622.D

Acq: 2 Jun 2017 7:05

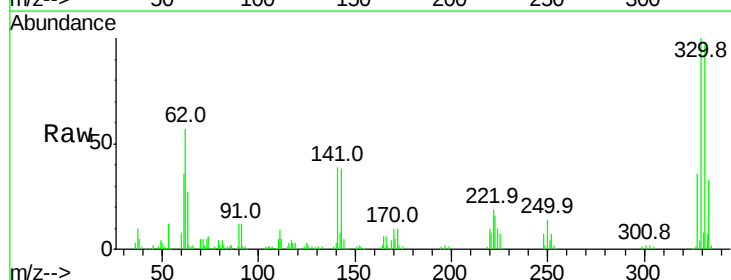
Tgt Ion:330 Resp: 259367

Ion Ratio Lower Upper

330 100

332 96.4 76.6 115.0

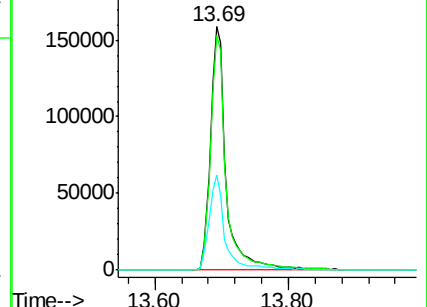
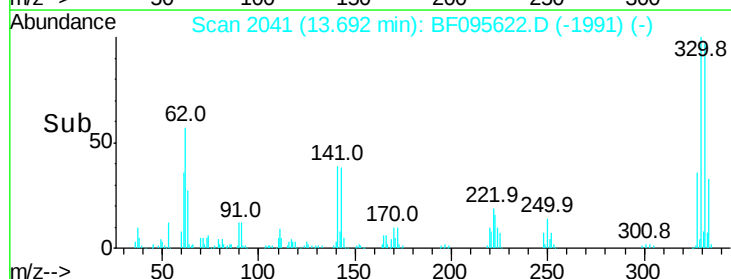
141 38.5 31.4 47.2

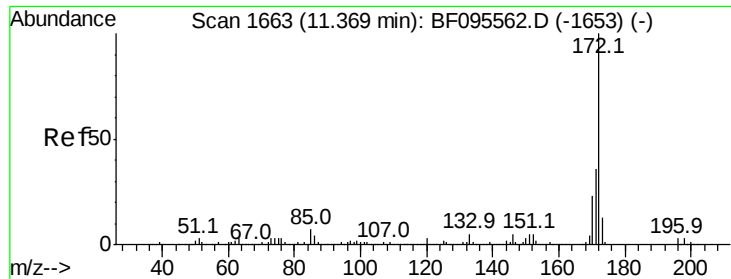


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

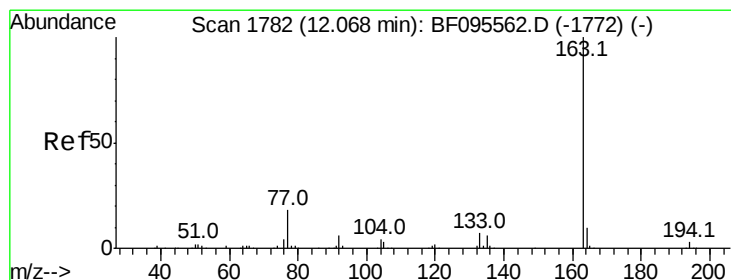
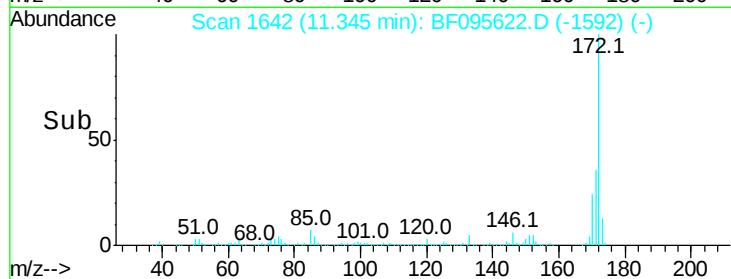
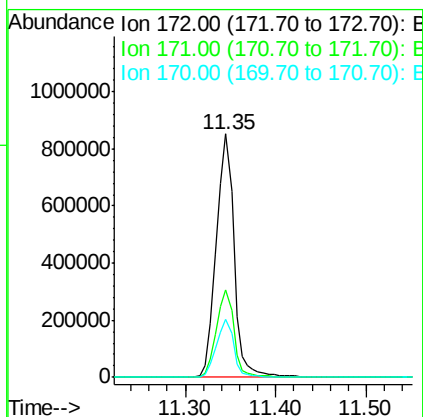
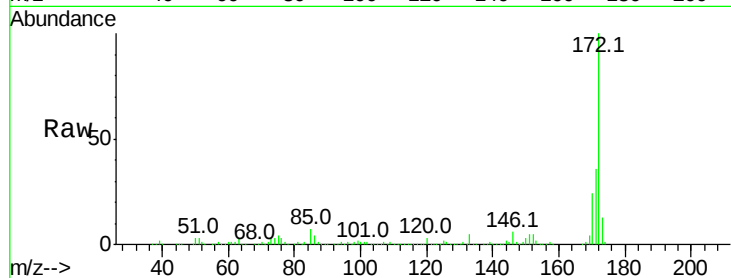




#44
2-Fluorobiphenyl
Concen: 85.81 ng
RT: 11.35 min Scan# 1642
Delta R.T. -0.01 min
Lab File: BF095622.D
Acq: 2 Jun 2017 7:05

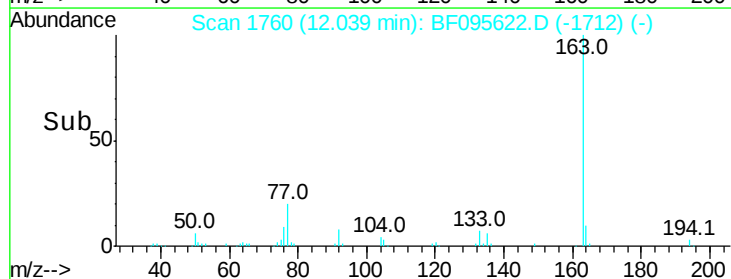
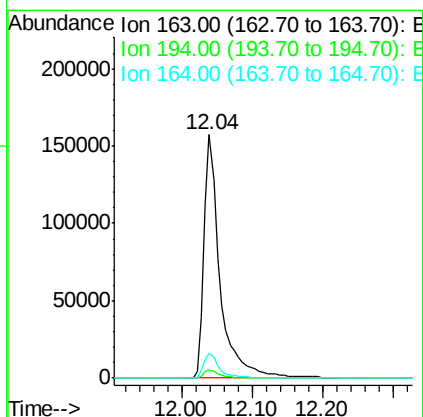
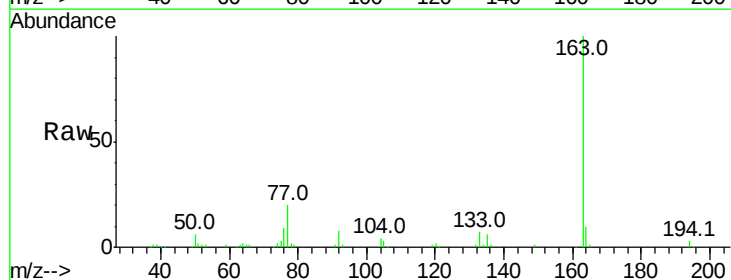
Instrument :
BNA_F
ClientSampled :

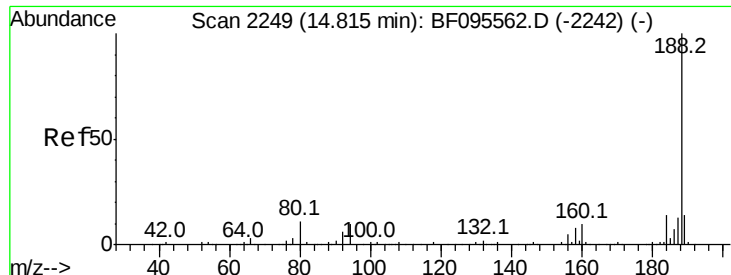
Tot Ion:172 Resp: 1162628
Ion Ratio Lower Upper
172 100
171 36.0 29.6 44.4
170 23.7 19.8 29.8



#49
Dimethylphthalate
Concen: 15.65 ng
RT: 12.04 min Scan# 1760
Delta R.T. -0.02 min
Lab File: BF095622.D
Acq: 2 Jun 2017 7:05

Tgt Ion:163 Resp: 250512
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 10.3 8.4 12.6

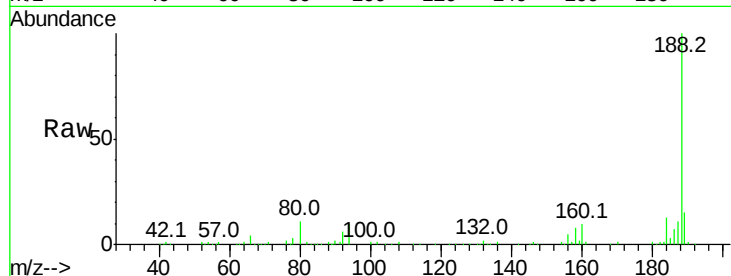




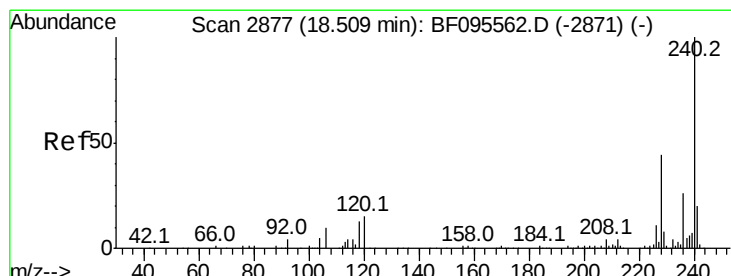
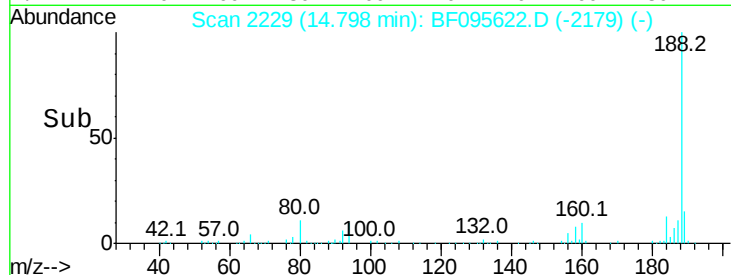
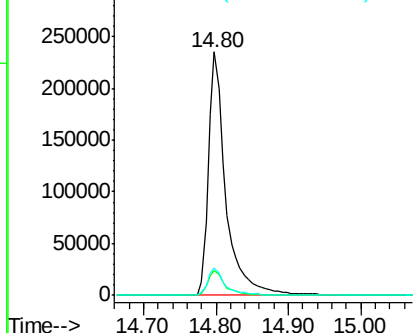
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 2229
 Delta R.T. -0.01 min
 Lab File: BF095622.D
 Acq: 2 Jun 2017 7:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 392856
 Ion Ratio Lower Upper
 188 100
 94 10.4 9.4 14.2
 80 11.3 10.2 15.2

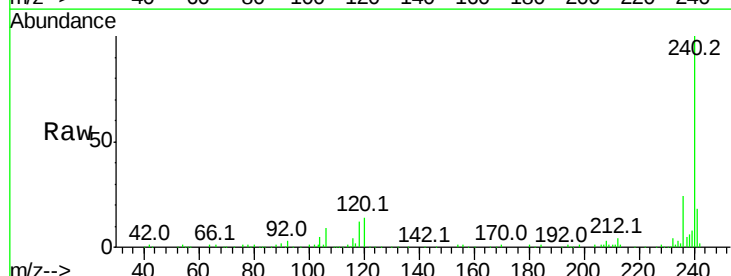


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

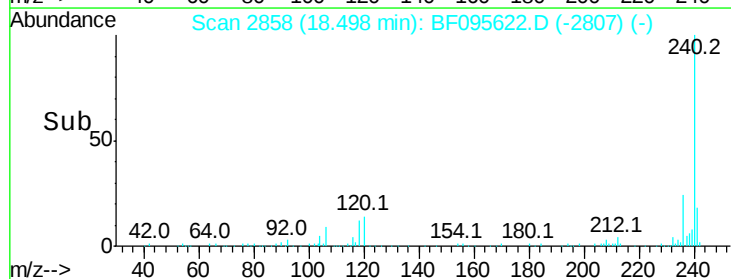
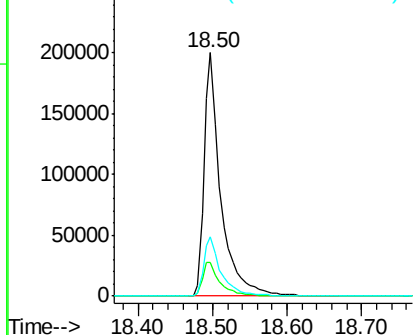


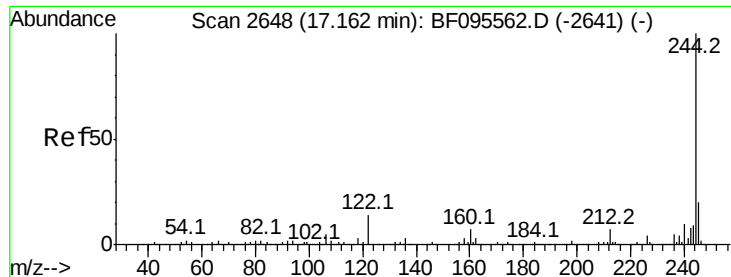
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.50 min Scan# 2858
 Delta R.T. -0.00 min
 Lab File: BF095622.D
 Acq: 2 Jun 2017 7:05

Tgt Ion:240 Resp: 311955
 Ion Ratio Lower Upper
 240 100
 120 13.9 5.8 8.8#
 236 24.5 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

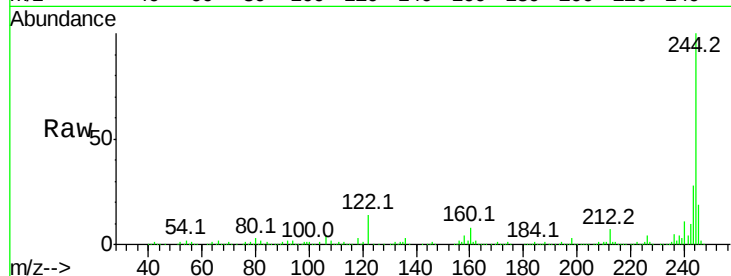




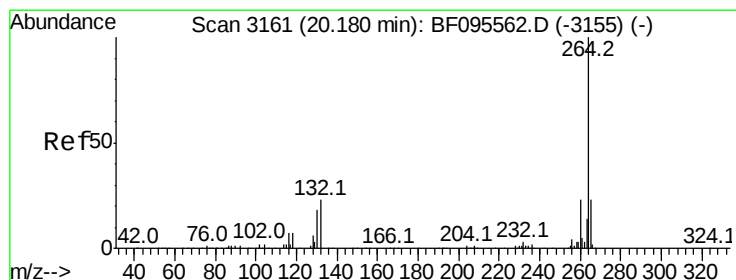
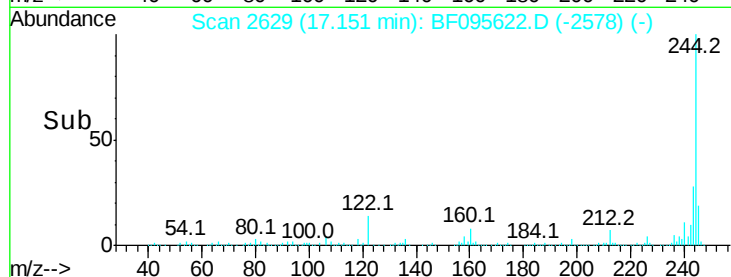
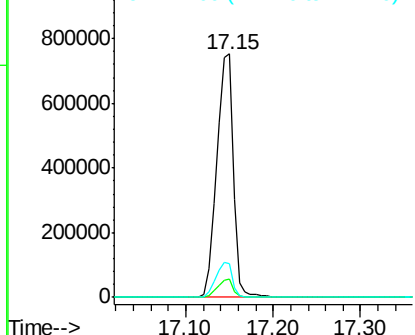
#78
 Terphenyl-d14
 Concen: 70.65 ng
 RT: 17.15 min Scan# 2629
 Delta R.T. -0.00 min
 Lab File: BF095622.D
 Acq: 2 Jun 2017 7:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1000633
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 13.8 10.3 15.5

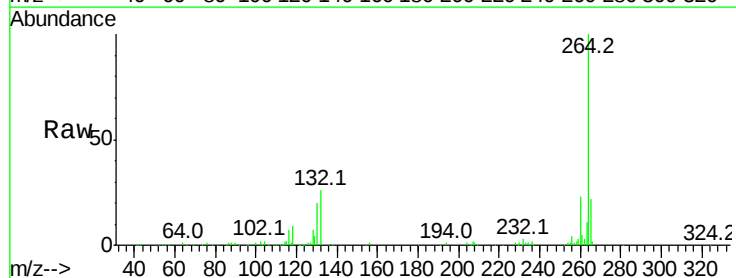


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.17 min Scan# 3142
 Delta R.T. -0.00 min
 Lab File: BF095622.D
 Acq: 2 Jun 2017 7:05

Tgt Ion:264 Resp: 206071
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.5 29.3
 265 21.8 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

