

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052317\
 Data File : BF095379.D
 Acq On : 24 May 2017 8:34
 Operator : SJ/MA
 Sample : I3303-01
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 24 11:47:51 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 18 17:07:53 2017
 Response via : Initial Calibration

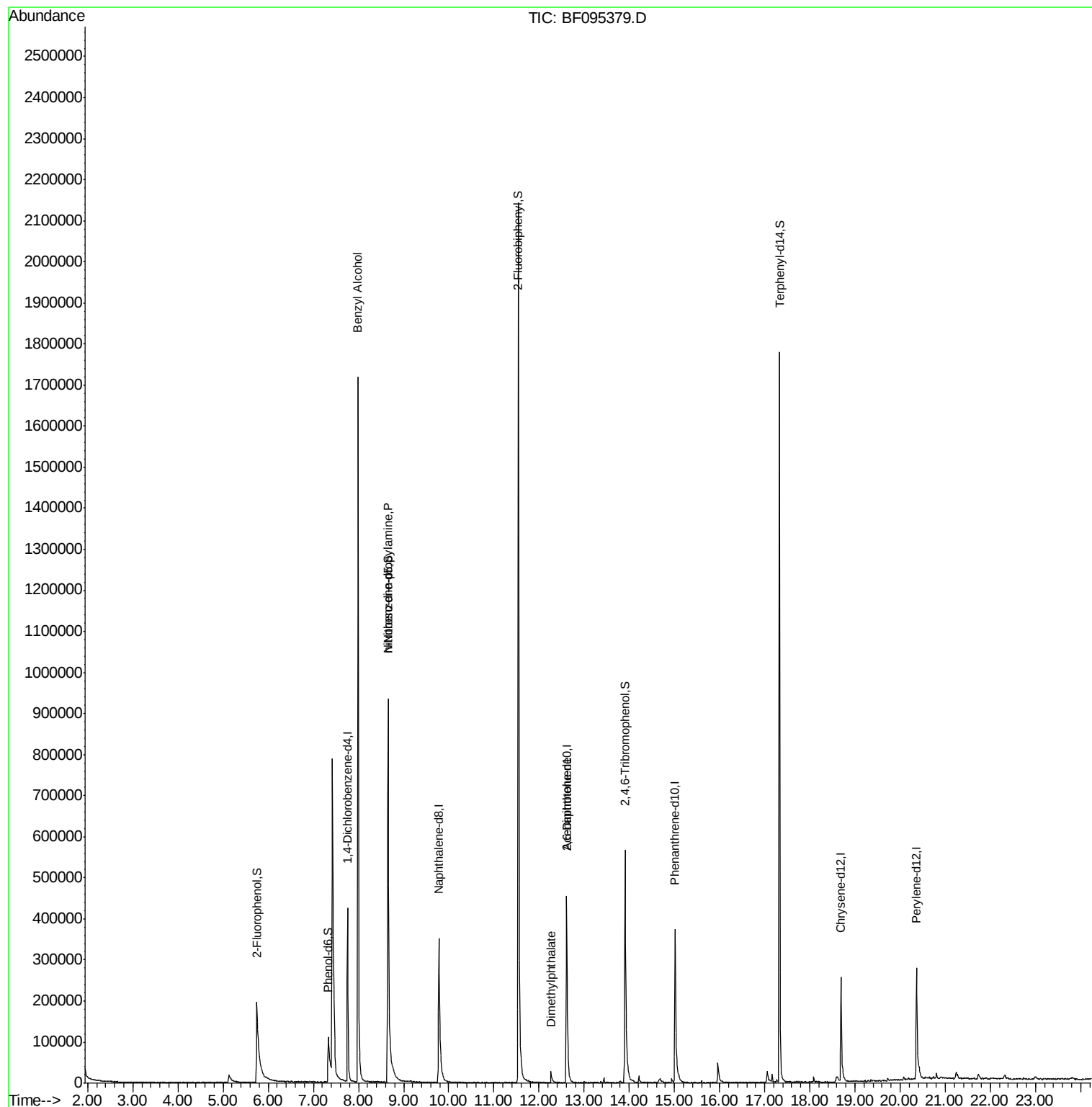
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	101775	20.00	ng	-0.01
21) Naphthalene-d8	9.78	136	423414	20.00	ng	0.00
38) Acenaphthene-d10	12.61	164	193482	20.00	ng	-0.01
63) Phenanthrene-d10	15.01	188	313161	20.00	ng	-0.01
75) Chrysene-d12	18.69	240	162319	20.00	ng	0.00
86) Perylene-d12	20.37	264	185619	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.75	112	241074	39.49	ng	0.01
7) Phenol-d6	7.33	99	176324	24.07	ng	0.02
23) Nitrobenzene-d5	8.65	82	647206	96.39	ng	-0.02
41) 2,4,6-Tribromophenol	13.91	330	143569	90.61	ng	-0.01
44) 2-Fluorobiphenyl	11.54	172	1200233	89.29	ng	-0.02
78) Terphenyl-d14	17.33	244	777478	105.50	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	7.99	79	9768	2.07	ng	# 43
19) n-Nitroso-di-n-propylamine	8.65	70	73238	14.78	ng	# 77
49) Dimethylphthalate	12.27	163	32595	2.05	ng	# 95
50) 2,6-Dinitrotoluene	12.61	165	19137	5.91	ng	# 31

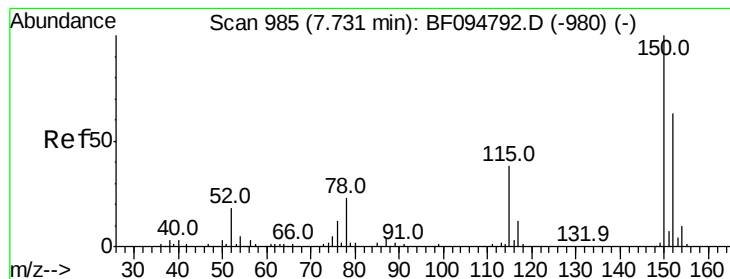
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.75 min Scan# 989

Delta R.T. -0.01 min

Lab File: BF095379.D

Acq: 24 May 2017 8:34

Instrument :

BNA_F

ClientSampleId :

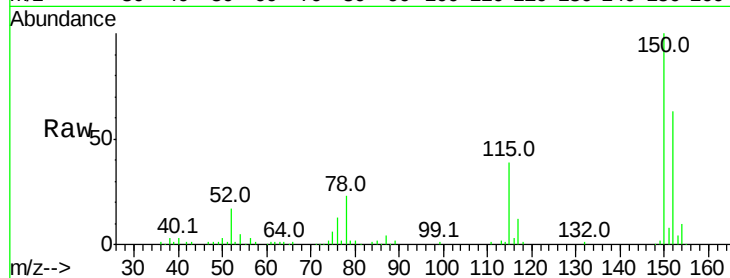
Tot Ion:152 Resp: 101775

Ion Ratio Lower Upper

152 100

150 159.9 126.2 189.2

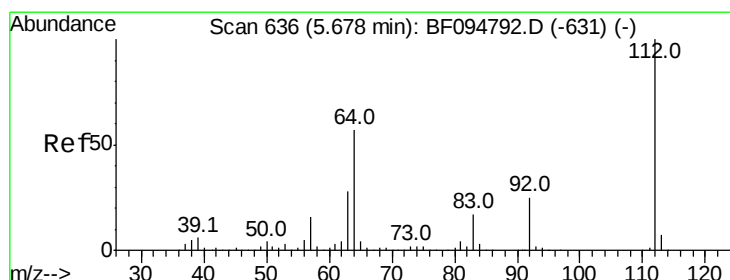
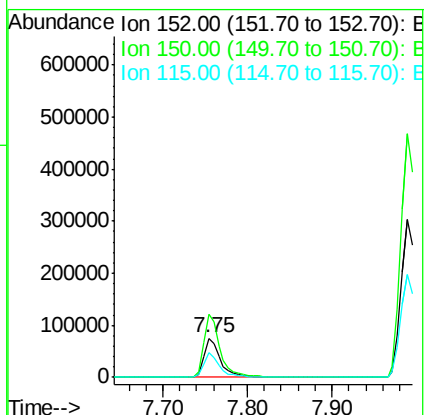
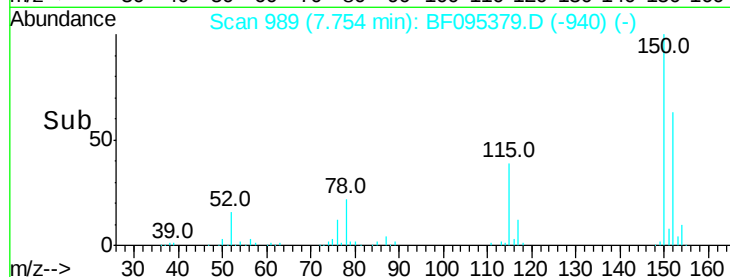
115 61.7 52.2 78.2



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: 39.49 ng

RT: 5.75 min Scan# 648

Delta R.T. 0.01 min

Lab File: BF095379.D

Acq: 24 May 2017 8:34

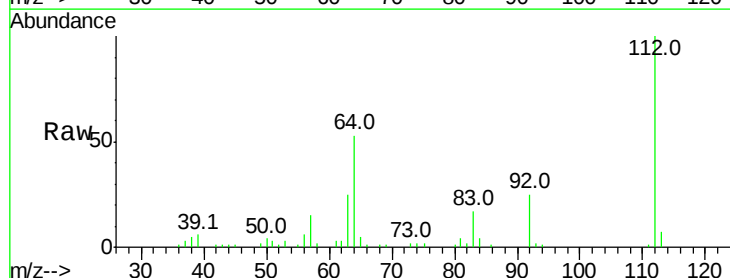
Tgt Ion:112 Resp: 241074

Ion Ratio Lower Upper

112 100

64 53.5 46.0 69.0

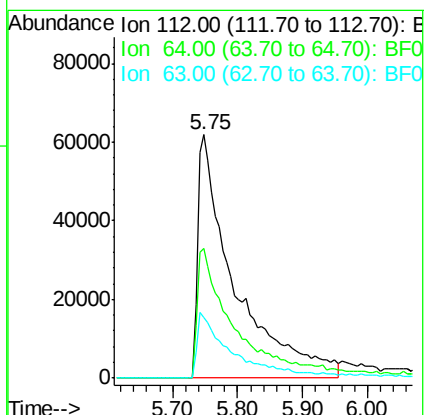
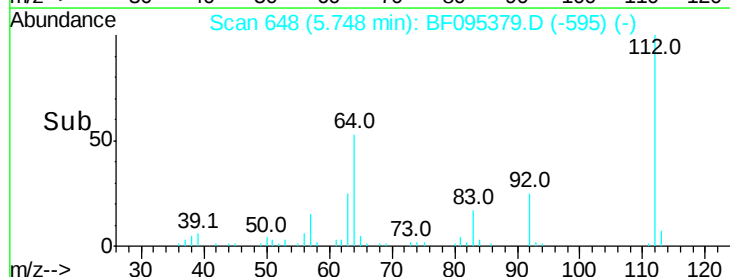
63 25.1 23.4 35.0



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: 24.07 ng

RT: 7.33 min Scan# 917

Delta R.T. 0.02 min

Lab File: BF095379.D

Acq: 24 May 2017 8:34

Instrument :

BNA_F

ClientSampleId :

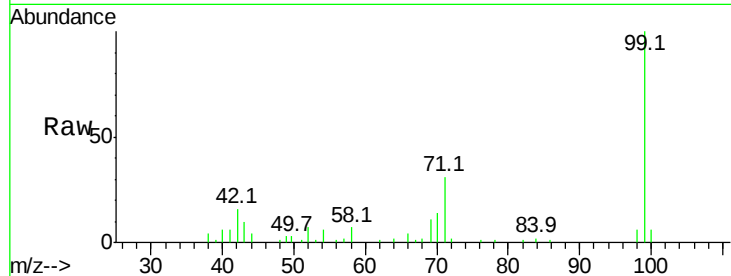
Tot Ion: 99 Resp: 176324

Ion Ratio Lower Upper

99 100

42 16.0 13.5 20.3

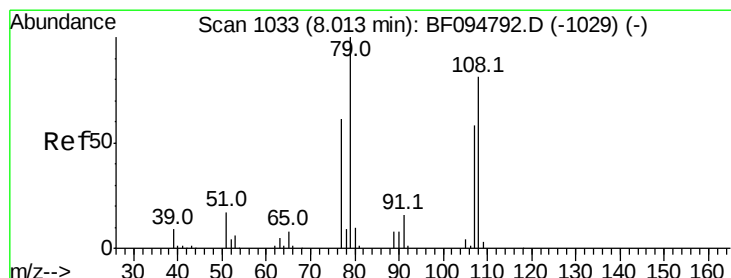
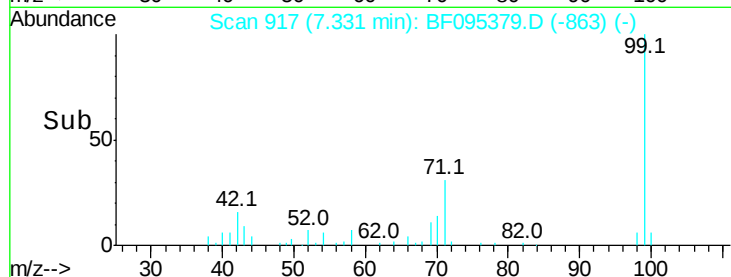
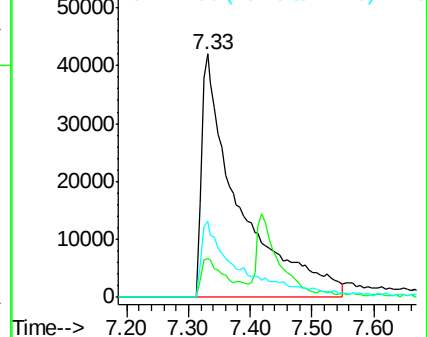
71 31.4 24.5 36.7



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: 2.07 ng

RT: 7.99 min Scan# 1029

Delta R.T. -0.06 min

Lab File: BF095379.D

Acq: 24 May 2017 8:34

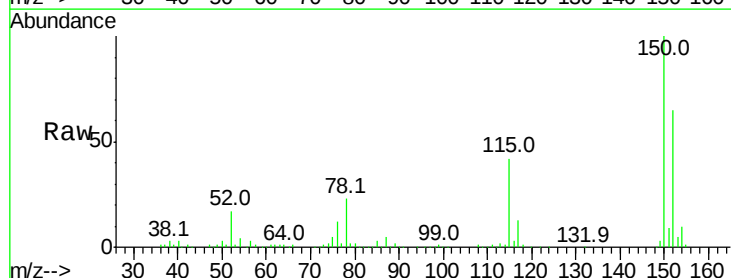
Tgt Ion: 79 Resp: 9768

Ion Ratio Lower Upper

79 100

108 33.7 63.4 95.0#

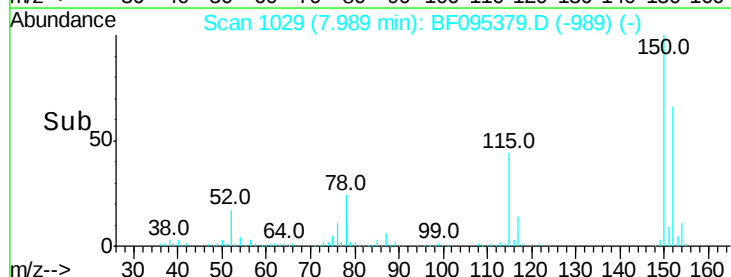
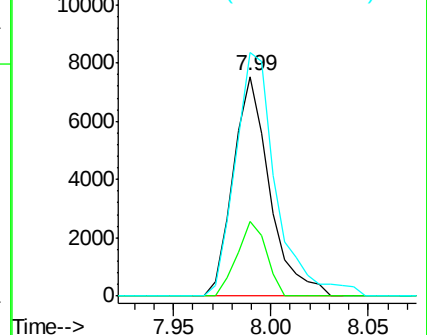
77 110.7 49.2 73.8#

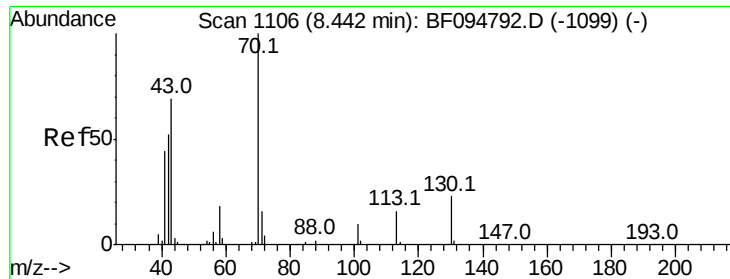


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

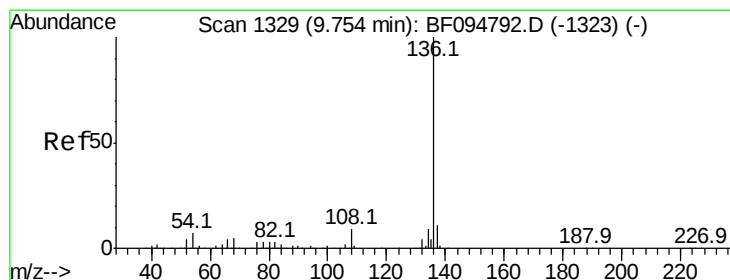
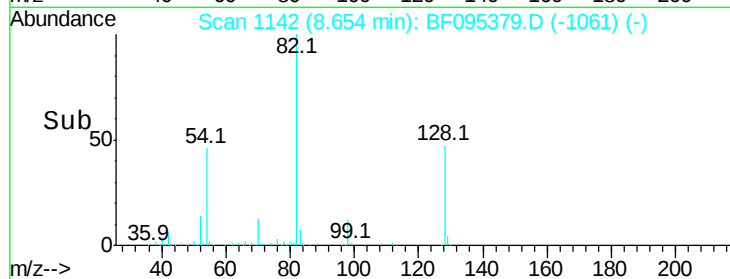
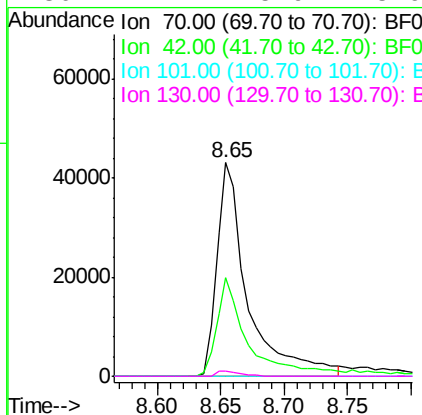
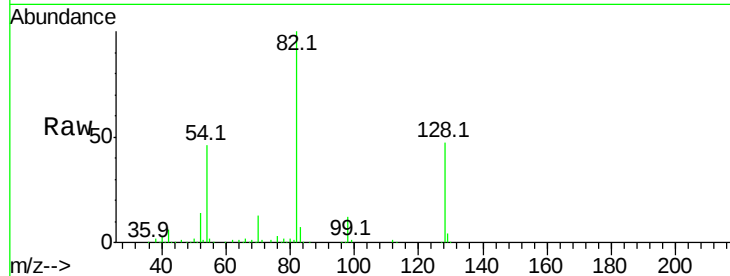




#19
n-Nitroso-di-n-propylamine
Concen: 14.78 ng
RT: 8.65 min Scan# 1142
Delta R.T. 0.18 min
Lab File: BF095379.D
Acq: 24 May 2017 8:34

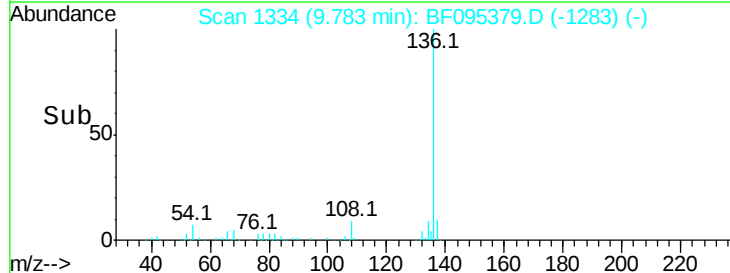
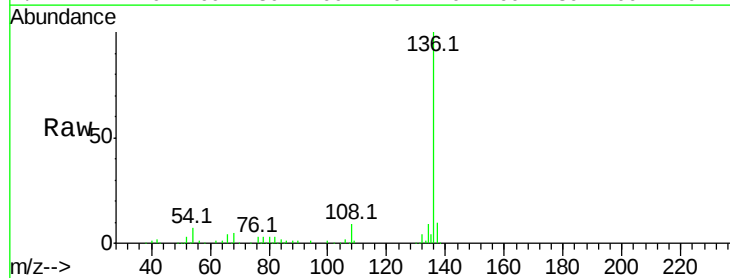
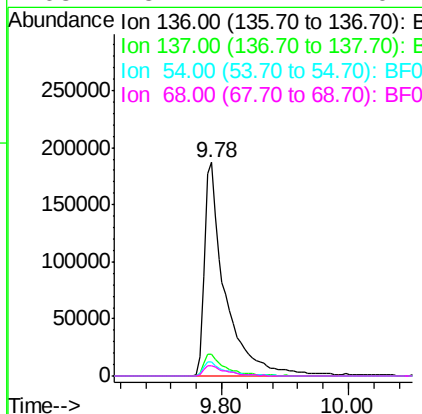
Instrument :
BNA_F
ClientSampleId :

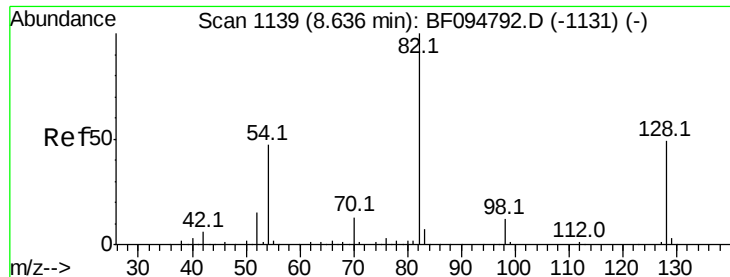
Tot Ion: 70 Resp: 73238
Ion Ratio Lower Upper
70 100
42 46.0 47.2 70.8#
101 0.0 7.2 10.8#
130 2.4 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.78 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF095379.D
Acq: 24 May 2017 8:34

Tgt Ion: 136 Resp: 423414
Ion Ratio Lower Upper
136 100
137 10.1 8.5 12.7
54 6.6 4.9 7.3
68 5.1 4.1 6.1

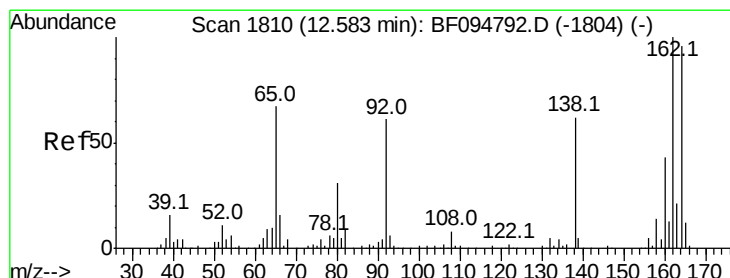
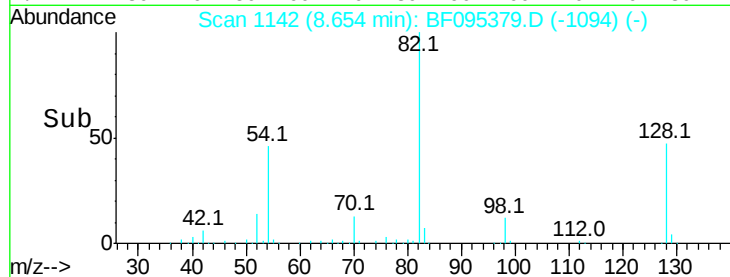
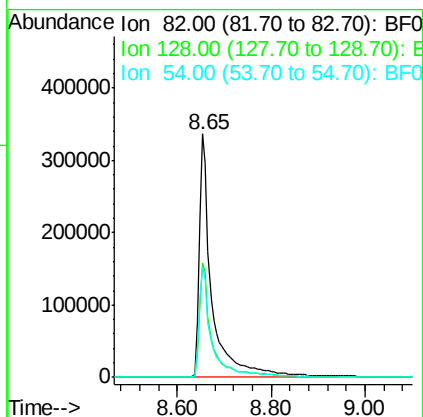
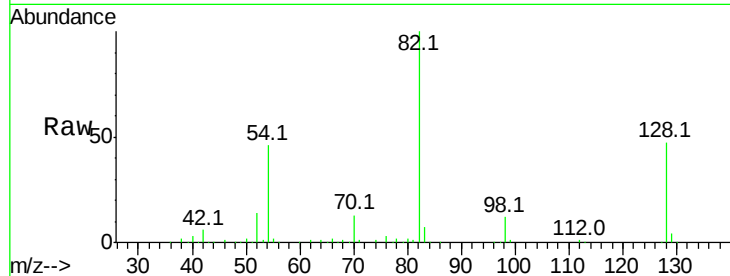




#23
 Nitrobenzene-d5
 Concen: 96.39 ng
 RT: 8.65 min Scan# 1142
 Delta R.T. -0.02 min
 Lab File: BF095379.D
 Acq: 24 May 2017 8:34

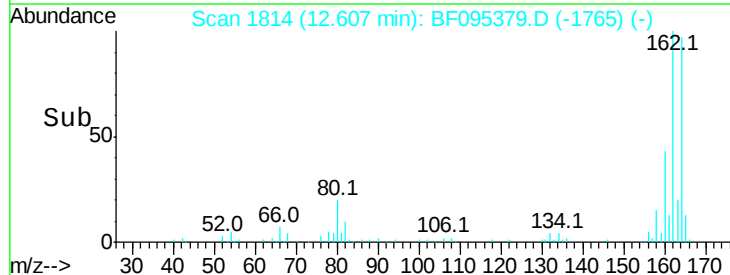
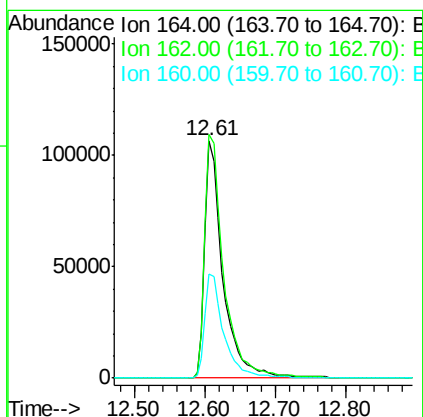
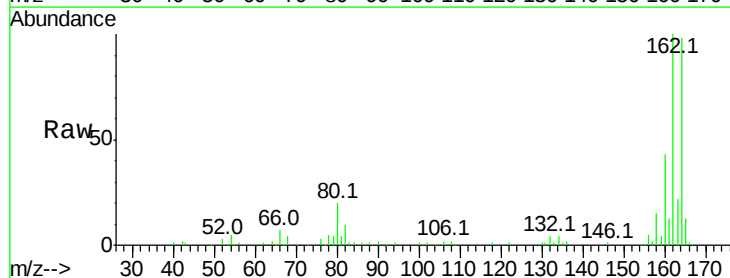
Instrument :
 BNA_F
 ClientSampleId :

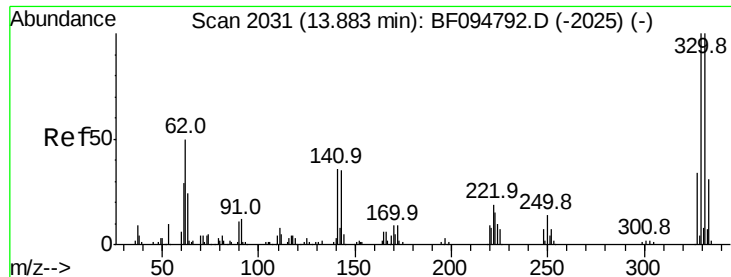
Tot Ion: 82 Resp: 647206
 Ion Ratio Lower Upper
 82 100
 128 47.2 34.0 51.0
 54 45.6 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.61 min Scan# 1814
 Delta R.T. -0.01 min
 Lab File: BF095379.D
 Acq: 24 May 2017 8:34

Tgt Ion:164 Resp: 193482
 Ion Ratio Lower Upper
 164 100
 162 102.6 82.6 123.8
 160 43.9 36.2 54.2

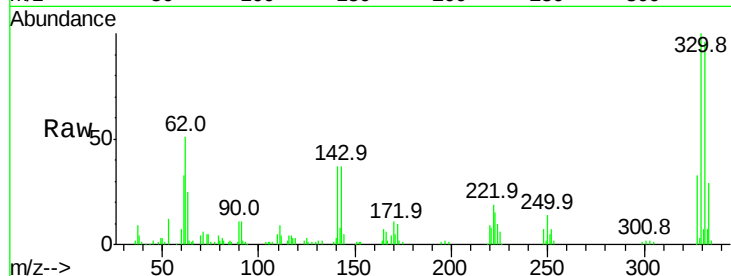




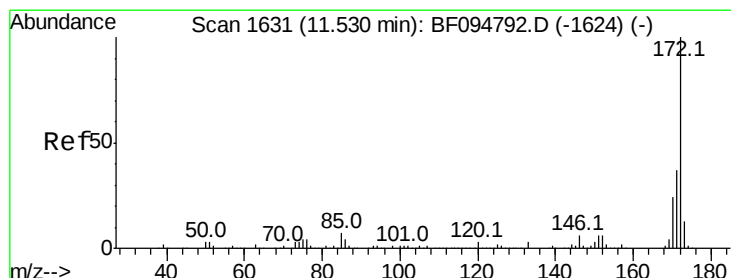
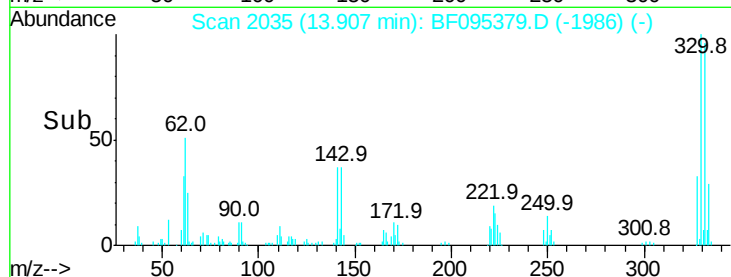
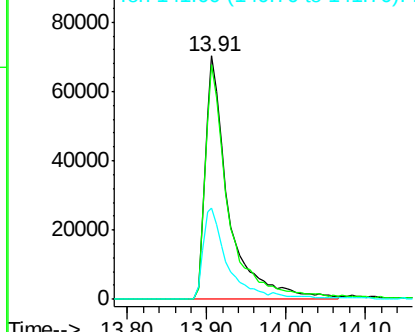
#41
 2,4,6-Tribromophenol
 Concen: 90.61 ng
 RT: 13.91 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BF095379.D
 Acq: 24 May 2017 8:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 143569
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.6 115.0
 141 40.5 31.4 47.2

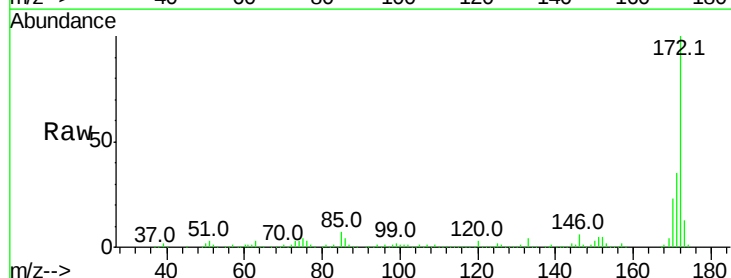


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

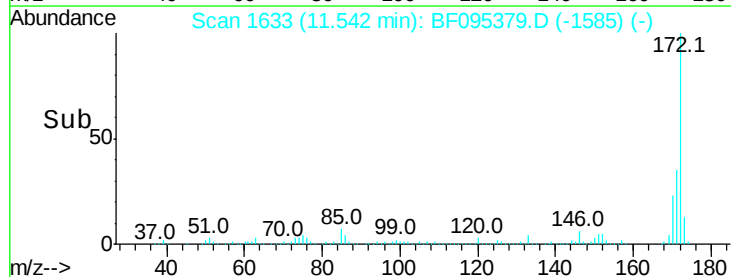
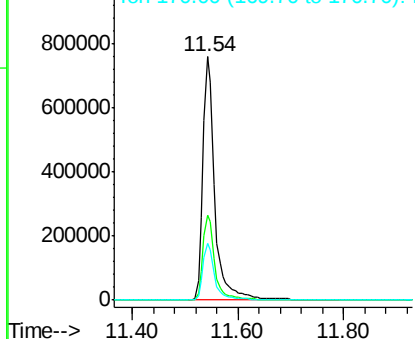


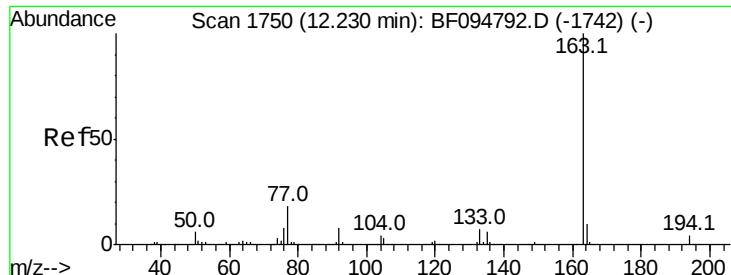
#44
 2-Fluorobiphenyl
 Concen: 89.29 ng
 RT: 11.54 min Scan# 1633
 Delta R.T. -0.02 min
 Lab File: BF095379.D
 Acq: 24 May 2017 8:34

Tgt Ion:172 Resp: 1200233
 Ion Ratio Lower Upper
 172 100
 171 35.0 29.6 44.4
 170 23.0 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: 2.05 ng

RT: 12.27 min Scan# 1756

Delta R.T. 0.01 min

Lab File: BF095379.D

Acq: 24 May 2017 8:34

Instrument :

BNA_F

ClientSampled :

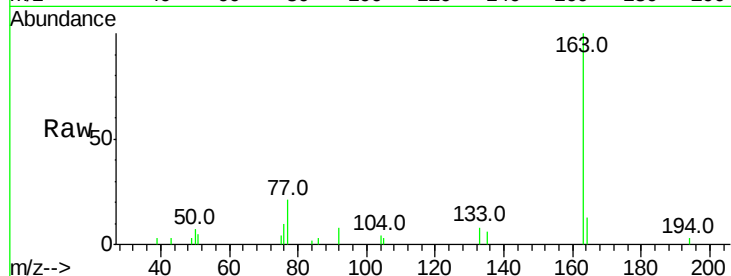
Tot Ion:163 Resp: 32595

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

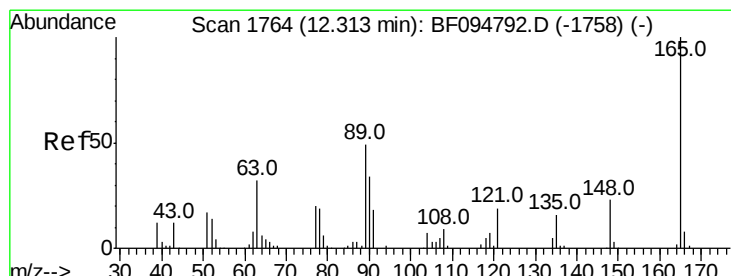
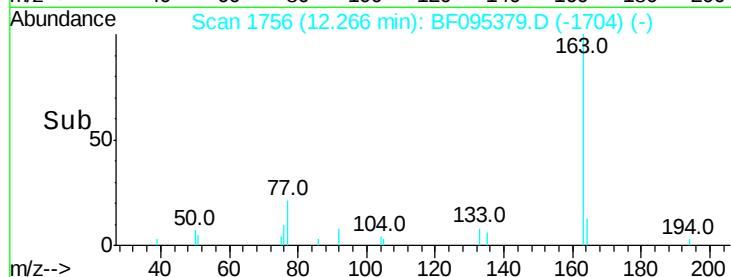
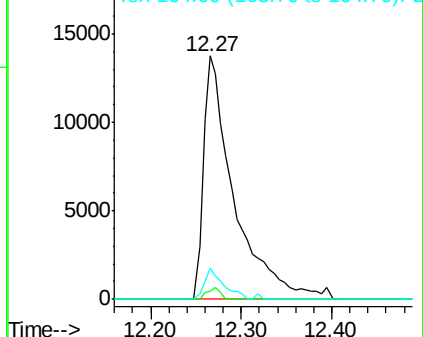
164 12.9 8.4 12.6#



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: 5.91 ng

RT: 12.61 min Scan# 1814

Delta R.T. 0.25 min

Lab File: BF095379.D

Acq: 24 May 2017 8:34

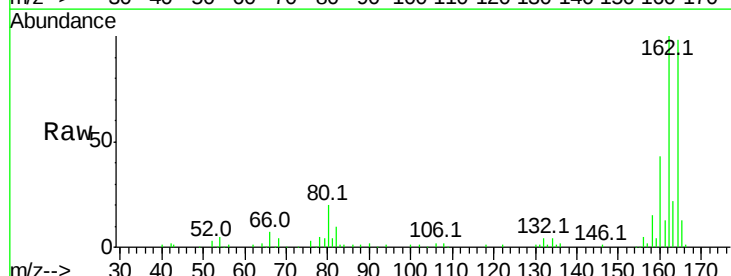
Tgt Ion:165 Resp: 19137

Ion Ratio Lower Upper

165 100

63 0.0 34.3 51.5#

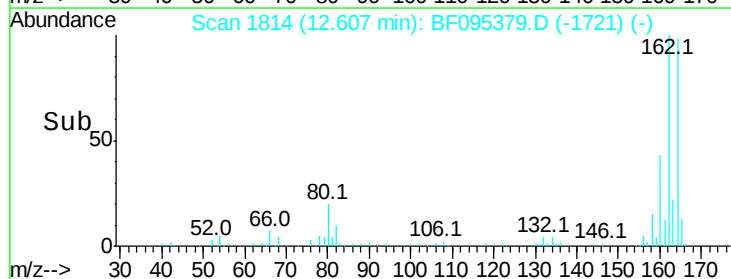
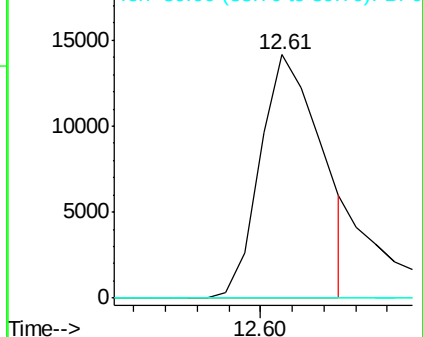
89 0.0 37.1 55.7#

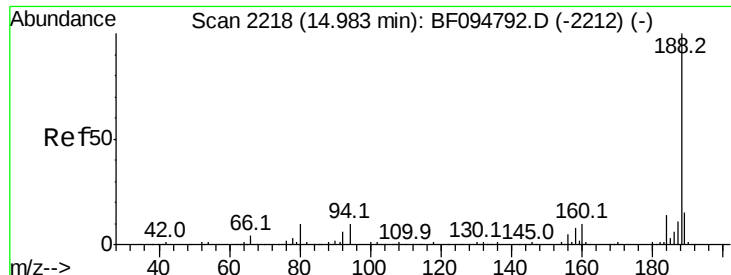


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

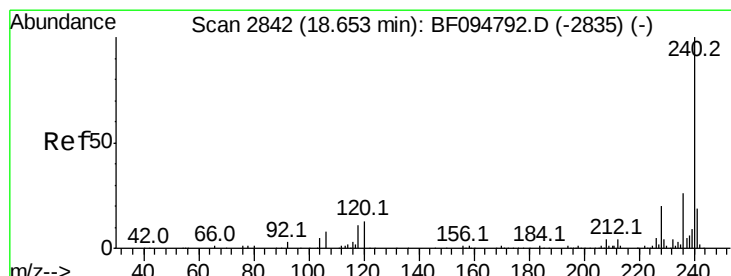
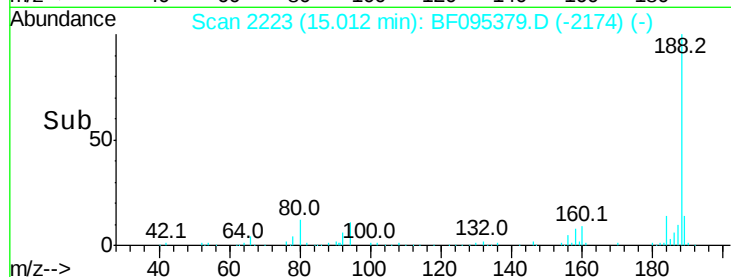
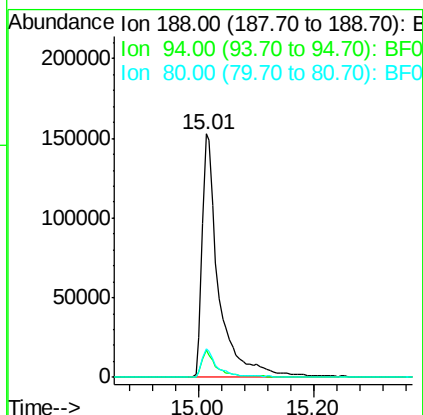
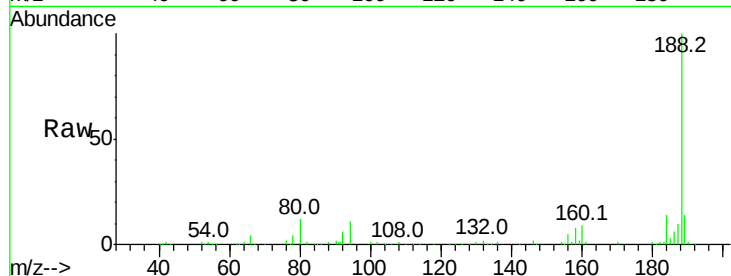




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 15.01 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: BF095379.D
 Acq: 24 May 2017 8:34

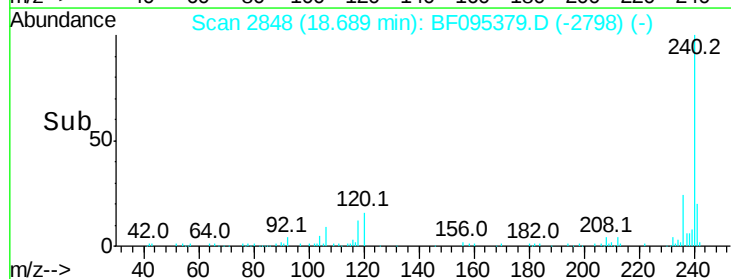
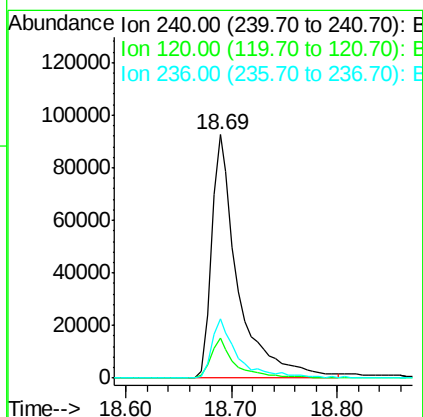
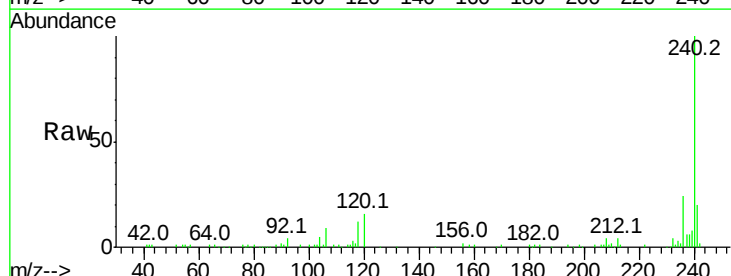
Instrument :
 BNA_F
 ClientSampleId :

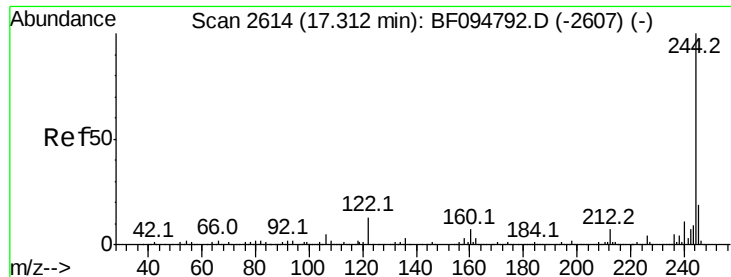
Tot Ion:188 Resp: 313161
 Ion Ratio Lower Upper
 188 100
 94 11.0 9.4 14.2
 80 11.6 10.2 15.2



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.69 min Scan# 2848
 Delta R.T. -0.01 min
 Lab File: BF095379.D
 Acq: 24 May 2017 8:34

Tgt Ion:240 Resp: 162319
 Ion Ratio Lower Upper
 240 100
 120 16.3 5.8 8.8#
 236 24.2 20.5 30.7





#78

Terphenyl-d14

Concen: 105.50 ng

RT: 17.33 min Scan# 2617

Delta R.T. -0.02 min

Lab File: BF095379.D

Acq: 24 May 2017 8:34

Instrument :

BNA_F

ClientSampleId :

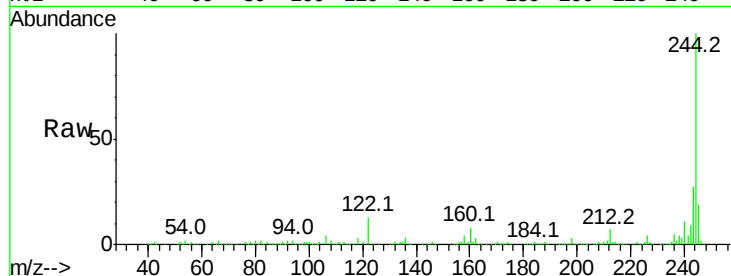
Tot Ion:244 Resp: 777478

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

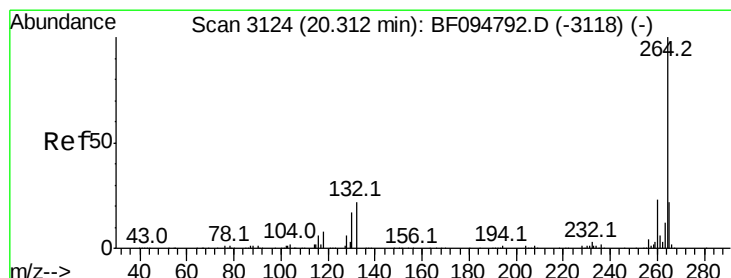
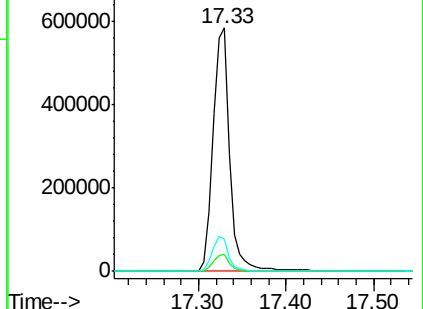
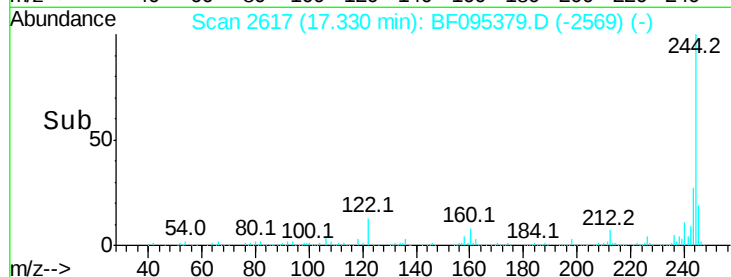
122 13.4 10.3 15.5



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: 20.37 min Scan# 3133

Delta R.T. 0.00 min

Lab File: BF095379.D

Acq: 24 May 2017 8:34

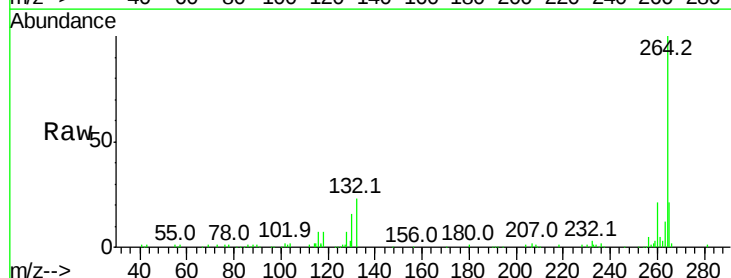
Tgt Ion:264 Resp: 185619

Ion Ratio Lower Upper

264 100

260 21.5 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

