

Data Path : Z:\HPCHEM1\BNA F\Data\BF051117\
 Data File : BF095086.D
 Acq On : 11 May 2017 18:32
 Operator : SJ/MA
 Sample : I3062-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 11 18:59:10 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

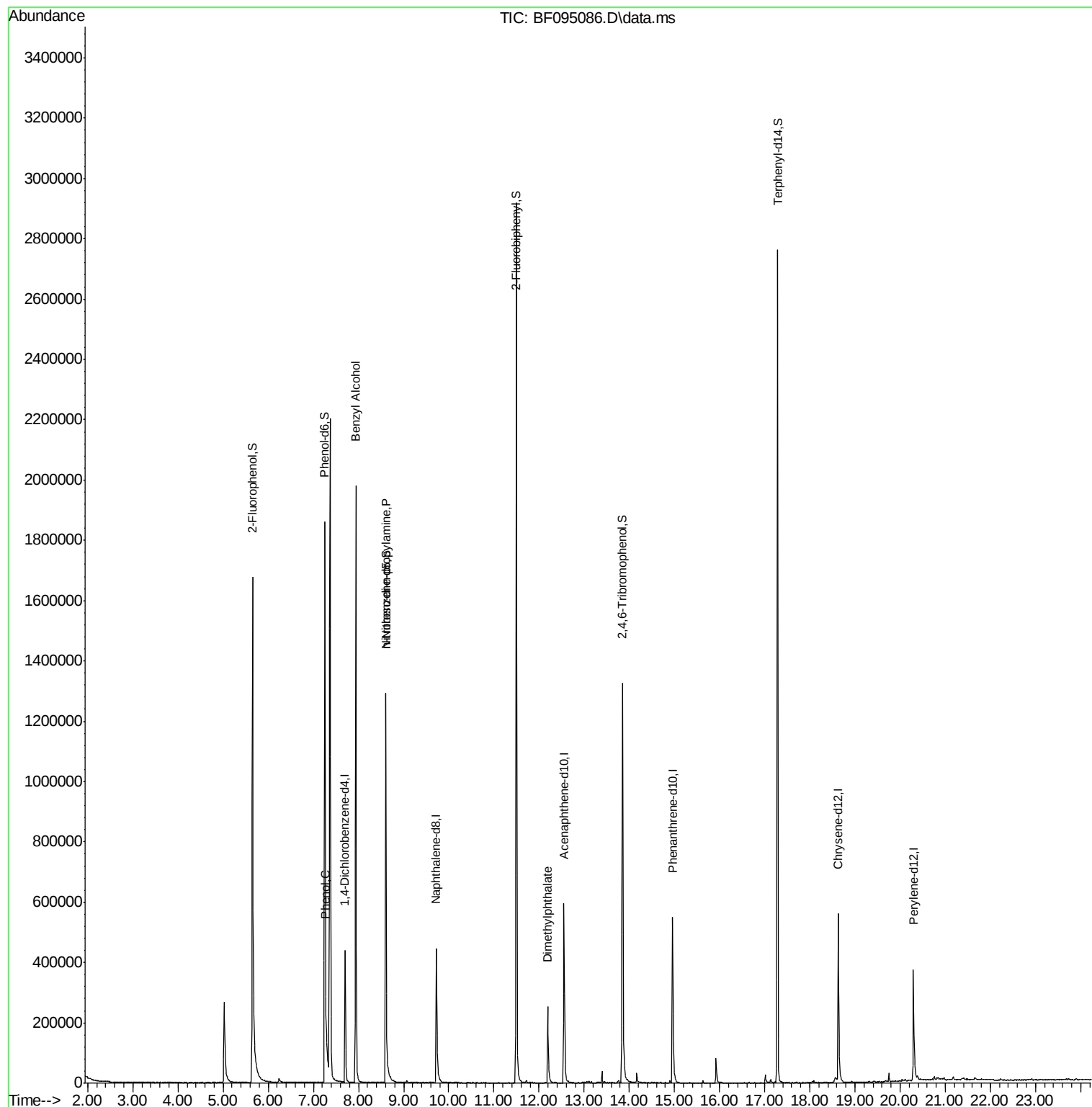
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.707	152	100168	20.00	ng	-0.02
21) Naphthalene-d8	9.725	136	394081	20.00	ng	-0.03
38) Acenaphthene-d10	12.554	164	190592	20.00	ng	-0.03
63) Phenanthrene-d10	14.959	188	370189	20.00	ng	-0.02
75) Chrysene-d12	18.630	240	316048	20.00	ng	-0.02
86) Perylene-d12	20.294	264	223206	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.654	112	917672	152.74	ng	-0.02
7) Phenol-d6	7.254	99	1101993	152.87	ng	-0.02
23) Nitrobenzene-d5	8.607	82	655117	104.83	ng	-0.03
41) 2,4,6-Tribromophenol	13.854	330	252758	161.93	ng	-0.03
44) 2-Fluorobiphenyl	11.501	172	1292706	97.62	ng	-0.03
78) Terphenyl-d14	17.289	244	1158971	80.77	ng	-0.02
Target Compounds						
10) Phenol	7.272	94	25504	3.36	ng	# 80
15) Benzyl Alcohol	7.942	79	9995	2.16	ng	# 45
19) n-Nitroso-di-n-propyla...	8.607	70	82593	16.94	ng	# 76
49) Dimethylphthalate	12.195	163	200056	12.79	ng	99

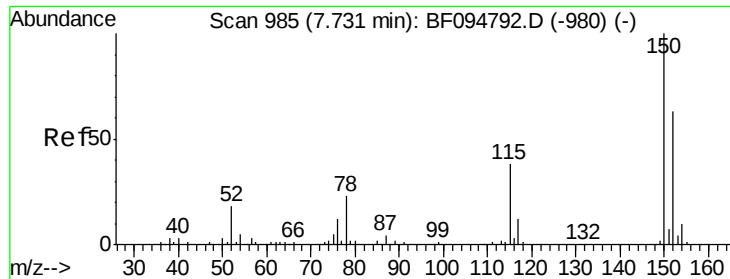
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.707 min Scan# 98

Delta R.T. -0.024 min

Lab File: BF095086.D

Acq: 11 May 2017 18:32

Instrument :

BNA_F

ClientSampleId :

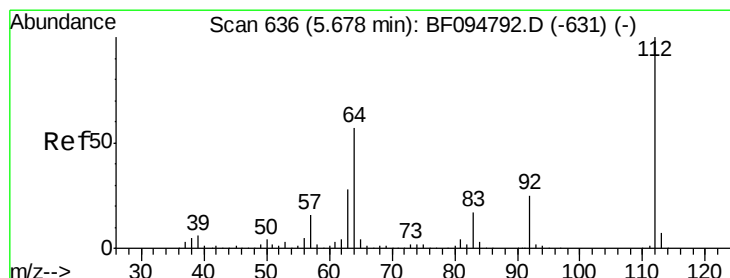
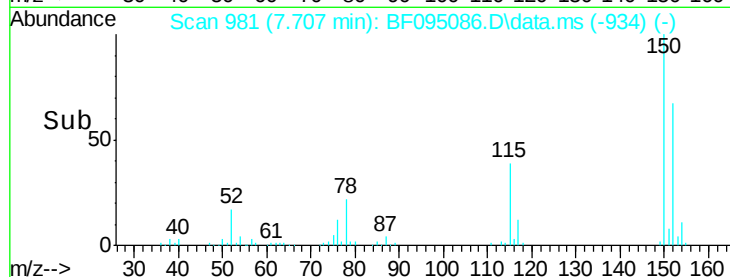
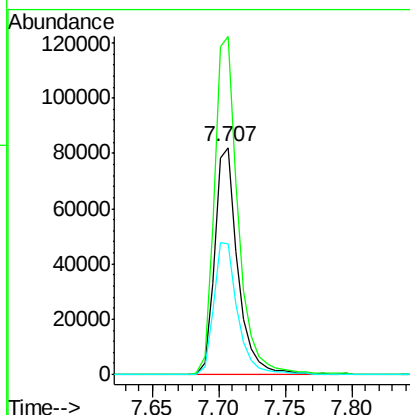
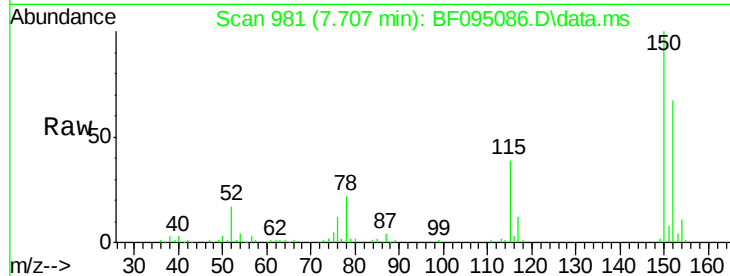
Tot Ion:152 Resp: 100168

Ion Ratio Lower Upper

152 100

150 149.1 126.2 189.2

115 57.8 52.2 78.2



#5

2-Fluorophenol

Concen: 152.74 ng

RT: 5.654 min Scan# 632

Delta R.T. -0.024 min

Lab File: BF095086.D

Acq: 11 May 2017 18:32

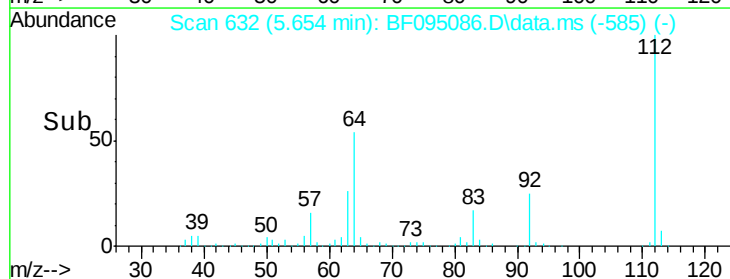
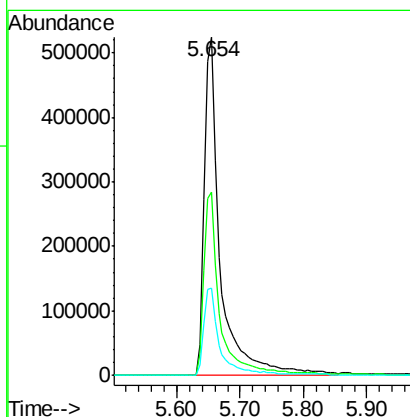
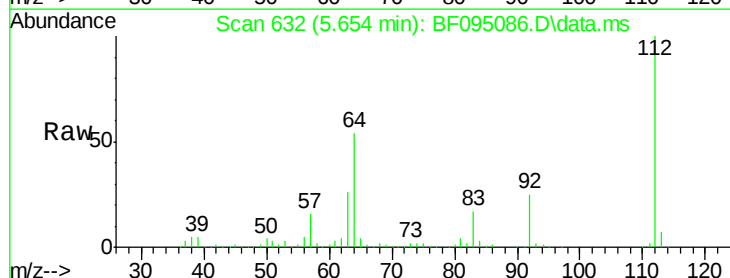
Tgt Ion:112 Resp: 917672

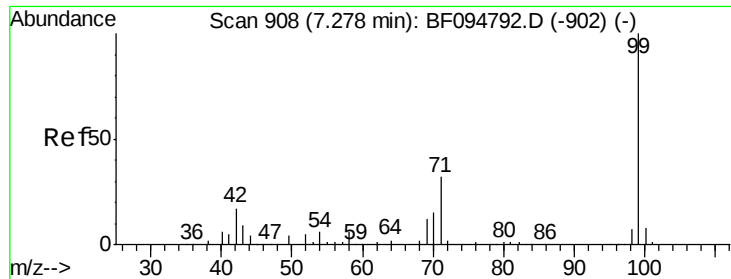
Ion Ratio Lower Upper

112 100

64 54.1 46.0 69.0

63 26.0 23.4 35.0





#7

Phenol-d6

Concen: 152.87 ng

RT: 7.254 min Scan# 90

Delta R.T. -0.024 min

Lab File: BF095086.D

Acq: 11 May 2017 18:32

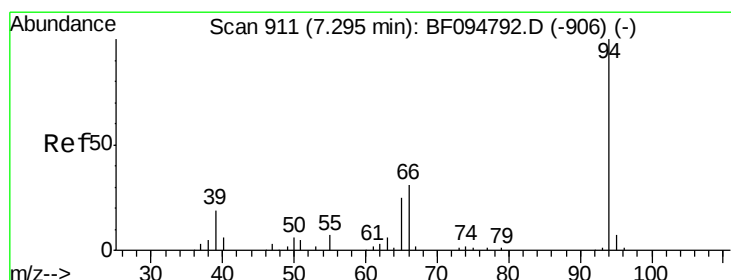
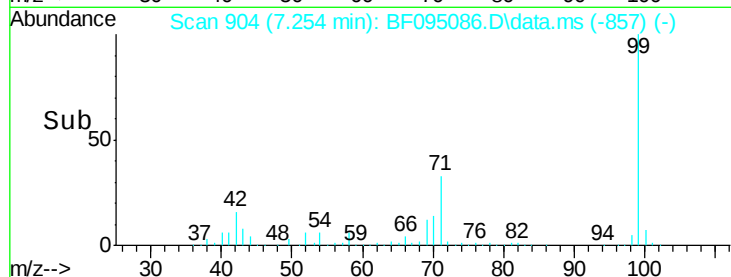
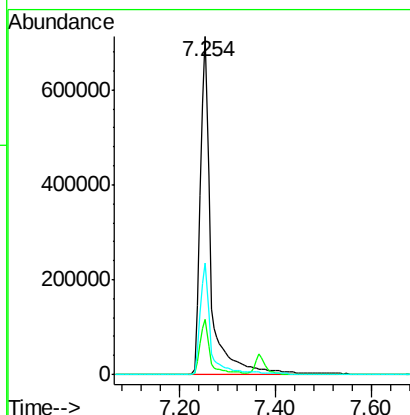
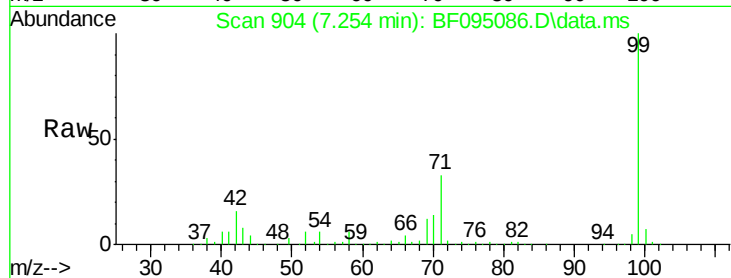
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1101993

Ion	Ratio	Lower	Upper
99	100		
42	16.2	13.5	20.3
71	33.2	24.5	36.7



#10

Phenol

Concen: 3.36 ng

RT: 7.272 min Scan# 907

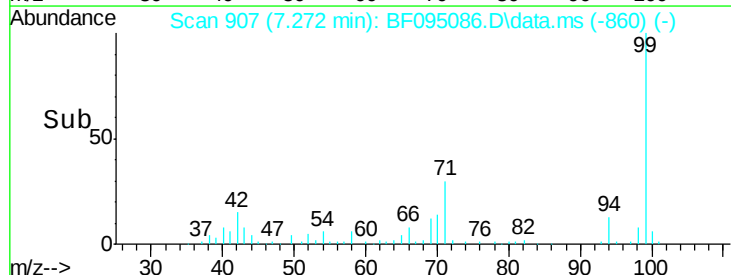
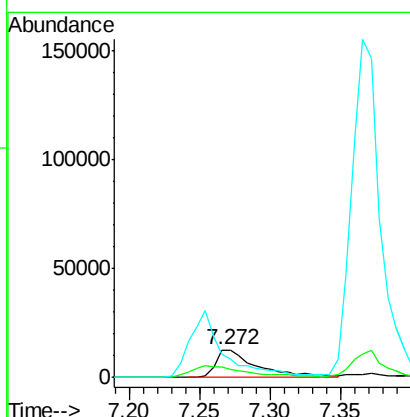
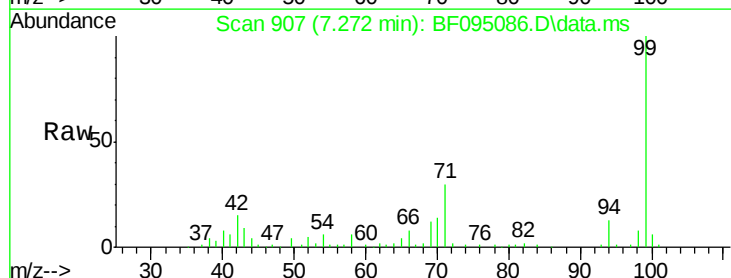
Delta R.T. -0.024 min

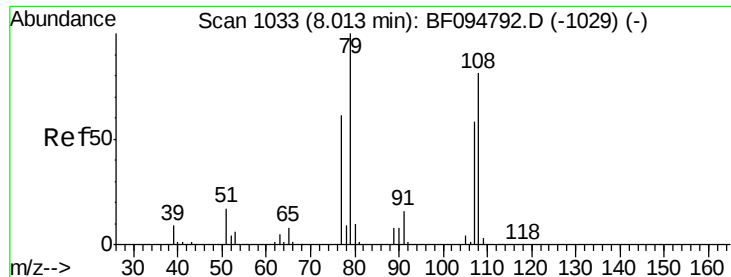
Lab File: BF095086.D

Acq: 11 May 2017 18:32

Tgt Ion: 94 Resp: 25504

Ion	Ratio	Lower	Upper
94	100		
65	30.9	9.9	49.9
66	64.1	23.1	63.1#





#15

Benzyl Alcohol

Concen: 2.16 ng

RT: 7.942 min Scan# 10

Delta R.T. -0.071 min

Lab File: BF095086.D

Acq: 11 May 2017 18:32

Instrument :

BNA_F

ClientSampleId :

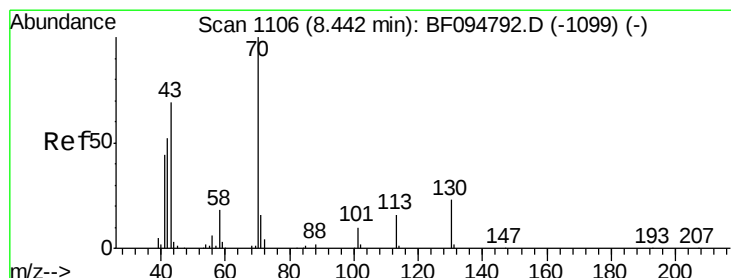
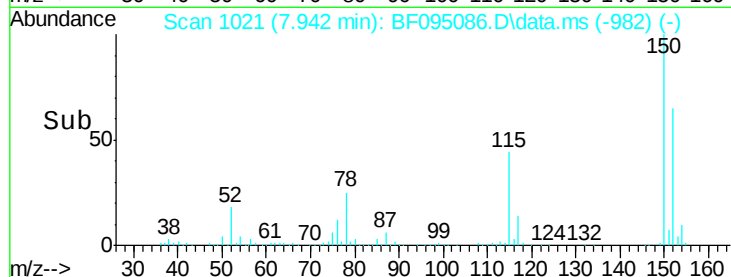
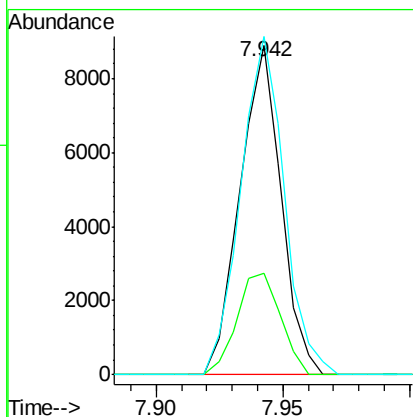
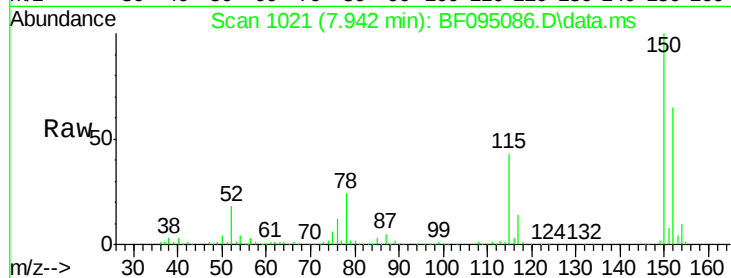
Tot Ion: 79 Resp: 9995

Ion Ratio Lower Upper

79 100

108 30.9 63.4 95.0#

77 102.8 49.2 73.8#



#19

n-Nitroso-di-n-propylamine

Concen: 16.94 ng

RT: 8.607 min Scan# 1134

Delta R.T. 0.165 min

Lab File: BF095086.D

Acq: 11 May 2017 18:32

Tgt Ion: 70 Resp: 82593

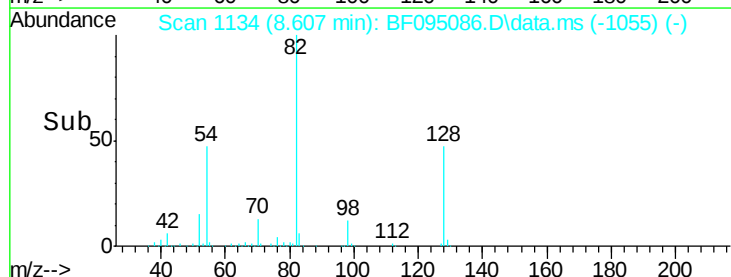
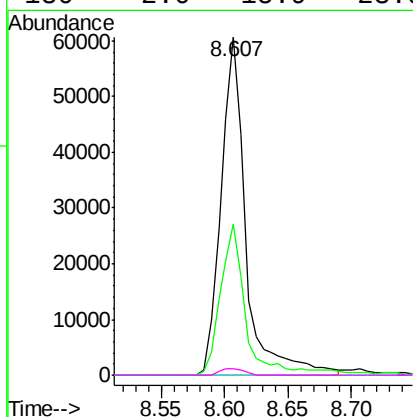
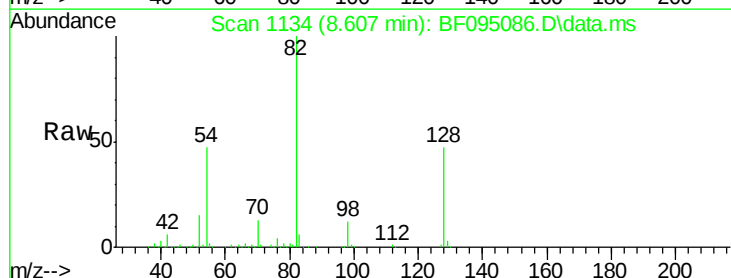
Ion Ratio Lower Upper

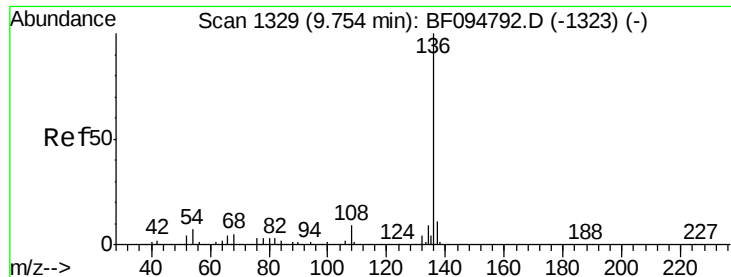
70 100

42 44.7 47.2 70.8#

101 0.0 7.2 10.8#

130 2.0 15.9 23.9#

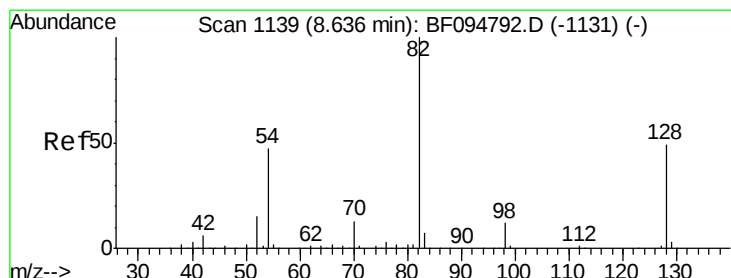
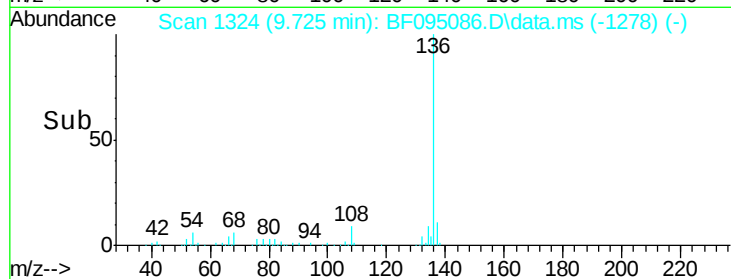
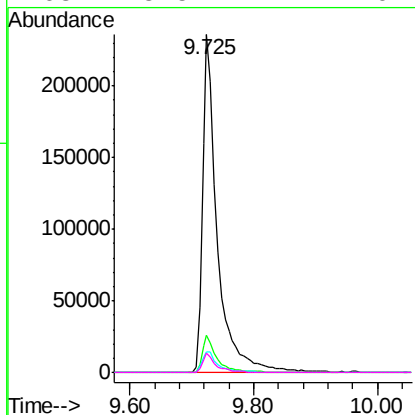
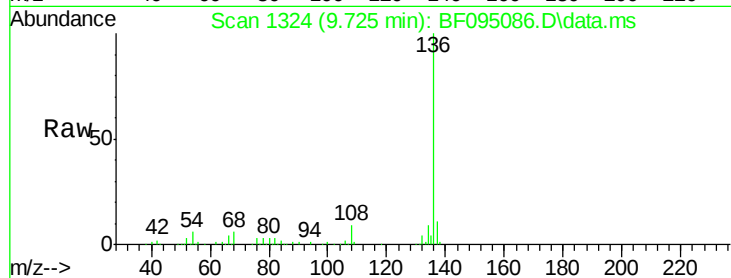




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.725 min Scan# 1329
Delta R.T. -0.029 min
Lab File: BF095086.D
Acq: 11 May 2017 18:32

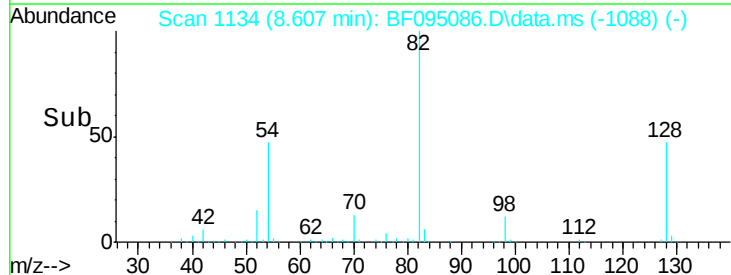
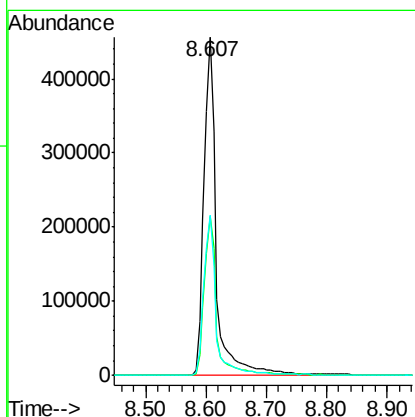
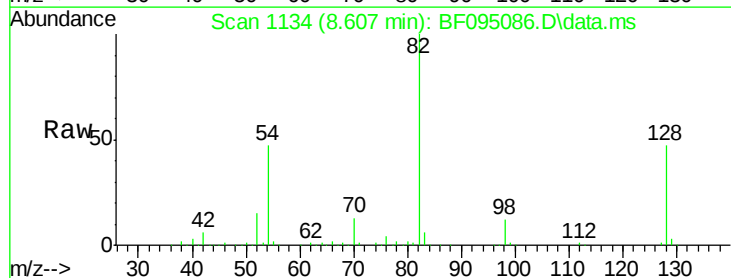
Instrument :
BNA_F
ClientSampleId :

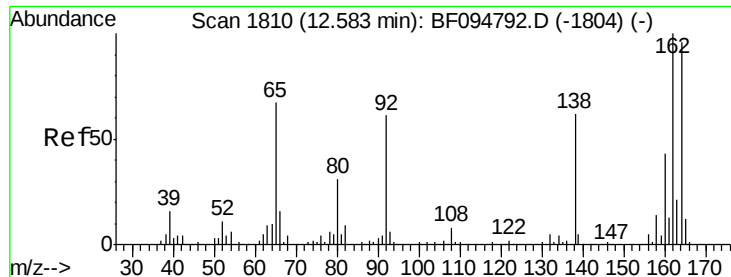
Tot Ion:	136	Resp:	394081
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.5	12.7
54	6.3	4.9	7.3
68	5.5	4.1	6.1



#23
Nitrobenzene-d5
Concen: 104.83 ng
RT: 8.607 min Scan# 1134
Delta R.T. -0.029 min
Lab File: BF095086.D
Acq: 11 May 2017 18:32

Tgt Ion:	82	Resp:	655117
Ion Ratio	Lower	Upper	
82	100		
128	47.1	34.0	51.0
54	47.2	42.2	63.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.554 min Scan# 18

Delta R.T. -0.029 min

Lab File: BF095086.D

Acq: 11 May 2017 18:32

Instrument :

BNA_F

ClientSampleId :

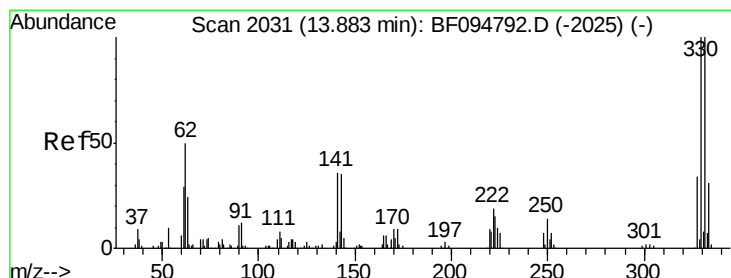
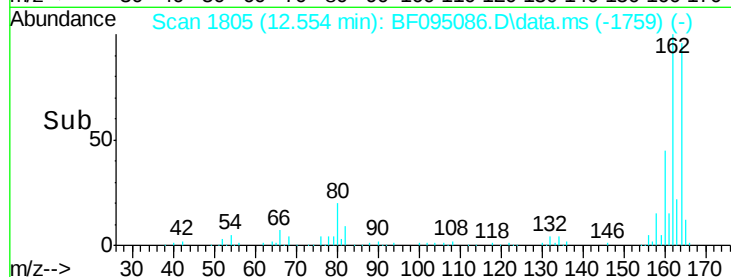
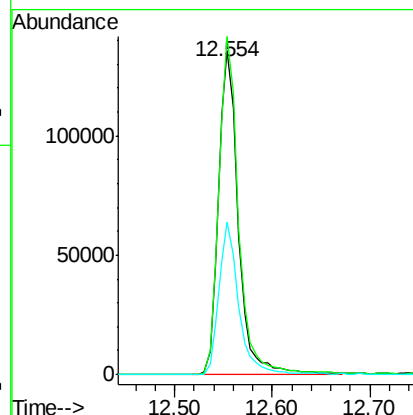
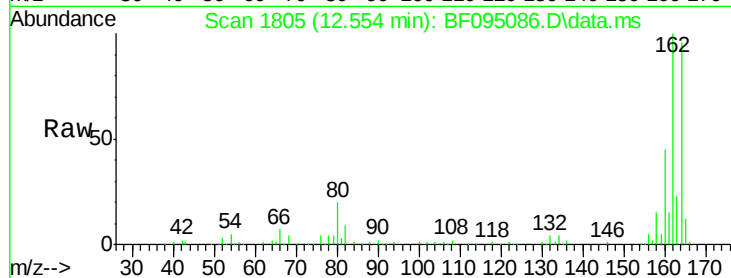
Tot Ion:164 Resp: 190592

Ion Ratio Lower Upper

164 100

162 104.5 82.6 123.8

160 47.3 36.2 54.2



#41

2,4,6-Tribromophenol

Concen: 161.93 ng

RT: 13.854 min Scan# 2026

Delta R.T. -0.029 min

Lab File: BF095086.D

Acq: 11 May 2017 18:32

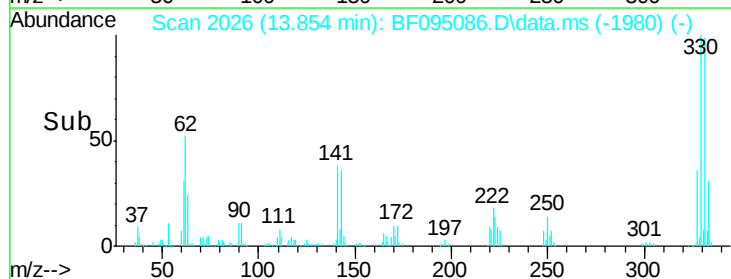
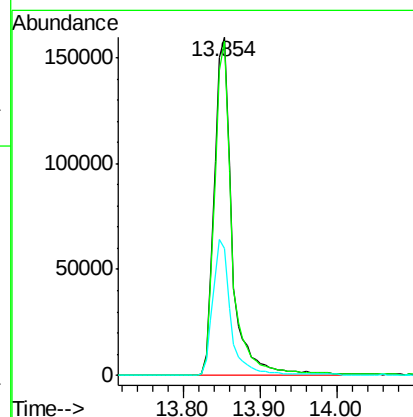
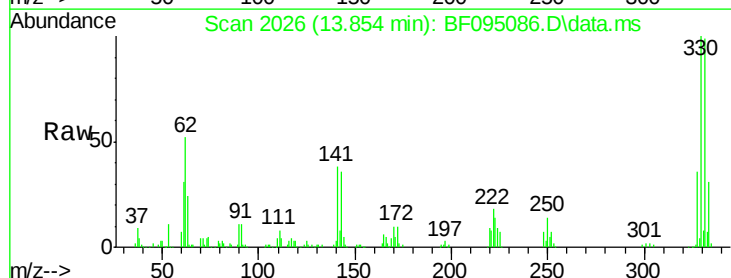
Tgt Ion:330 Resp: 252758

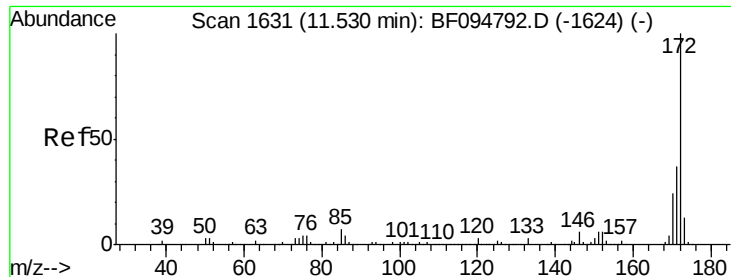
Ion Ratio Lower Upper

330 100

332 96.8 76.6 115.0

141 40.4 31.4 47.2

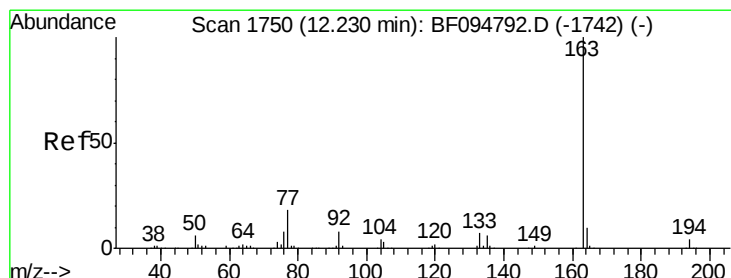
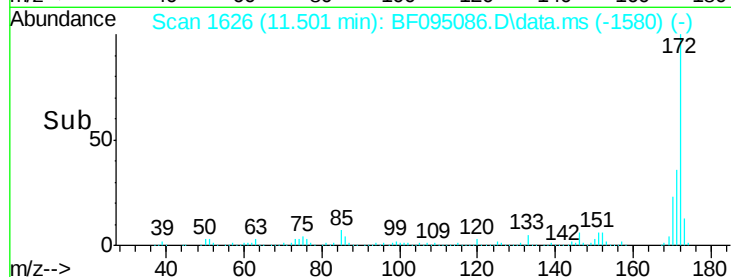
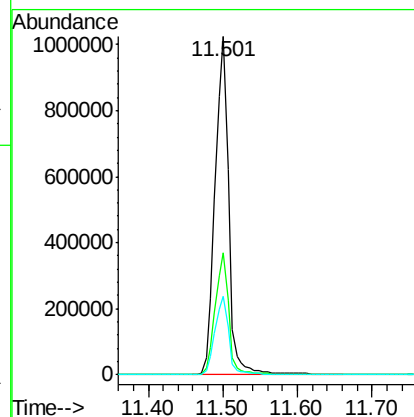
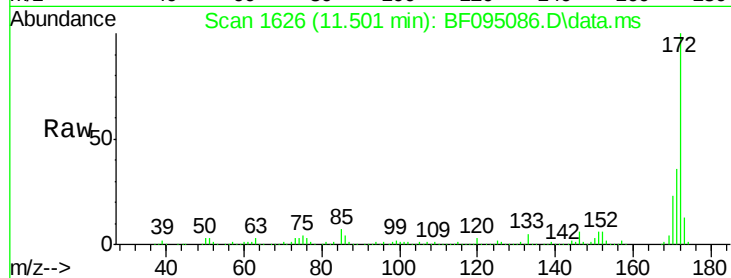




#44
2-Fluorobiphenyl
Concen: 97.62 ng
RT: 11.501 min Scan# 16
Delta R.T. -0.029 min
Lab File: BF095086.D
Acq: 11 May 2017 18:32

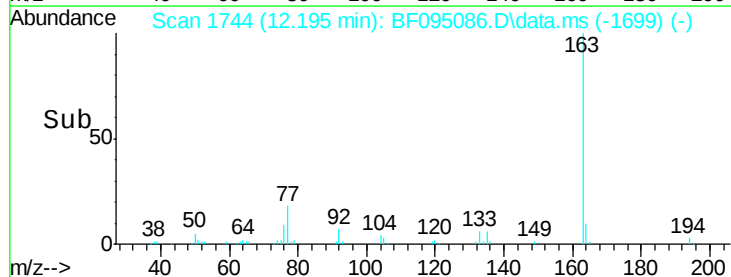
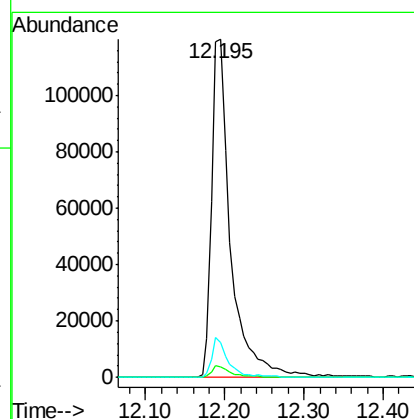
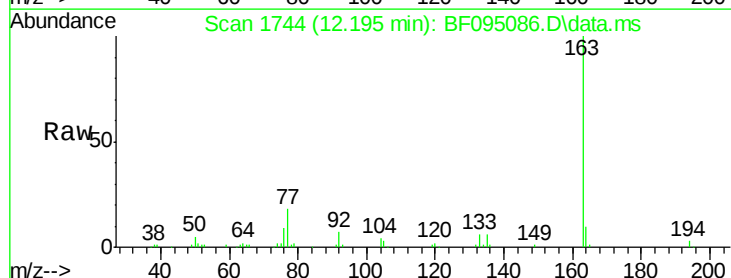
Instrument :
BNA_F
ClientSampleId :

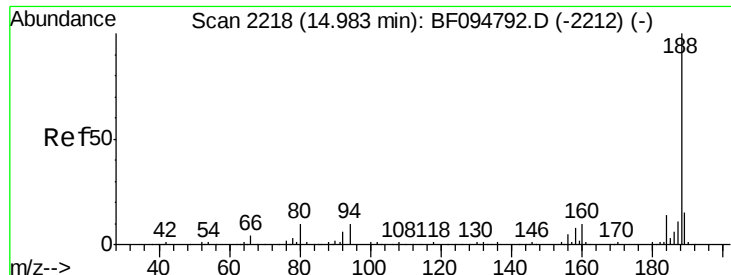
Tot Ion:172 Resp: 1292706
Ion Ratio Lower Upper
172 100
171 35.9 29.6 44.4
170 23.3 19.8 29.8



#49
Dimethylphthalate
Concen: 12.79 ng
RT: 12.195 min Scan# 1744
Delta R.T. -0.035 min
Lab File: BF095086.D
Acq: 11 May 2017 18:32

Tgt Ion:163 Resp: 200056
Ion Ratio Lower Upper
163 100
194 3.1 2.6 4.0
164 10.2 8.4 12.6

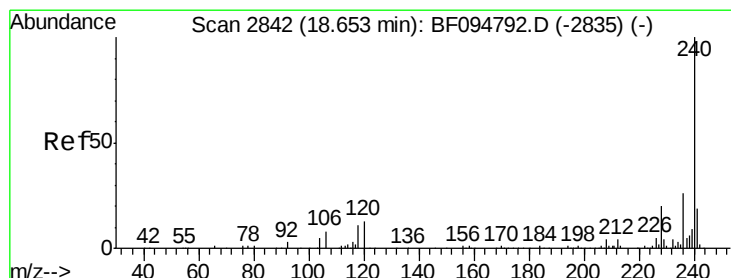
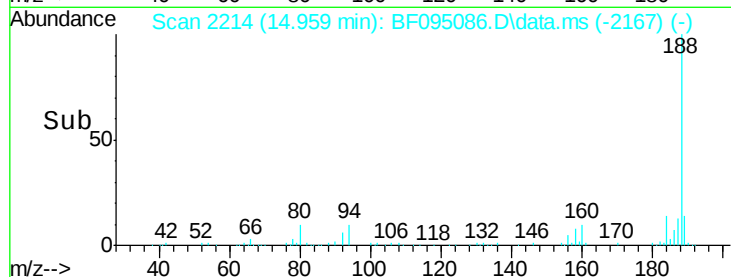
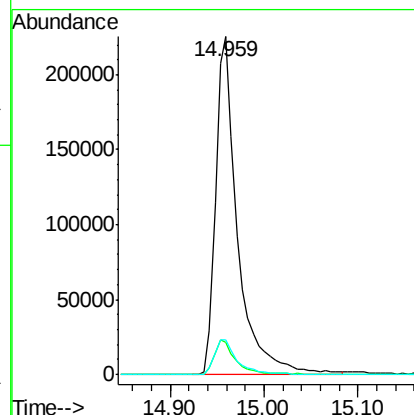
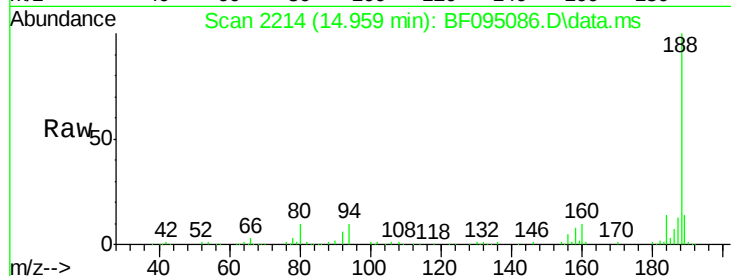




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.959 min Scan# 2218
Delta R.T. -0.024 min
Lab File: BF095086.D
Acq: 11 May 2017 18:32

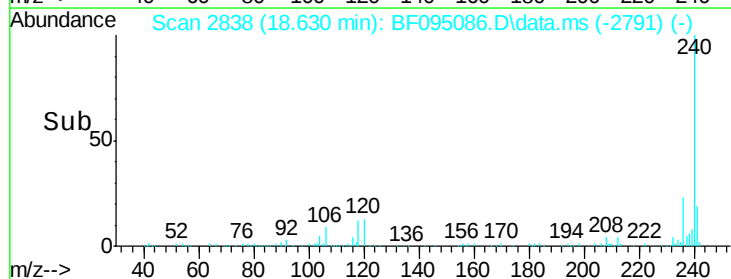
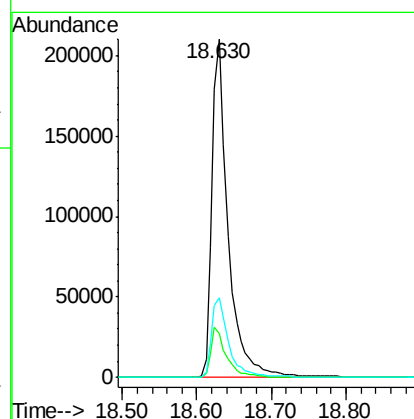
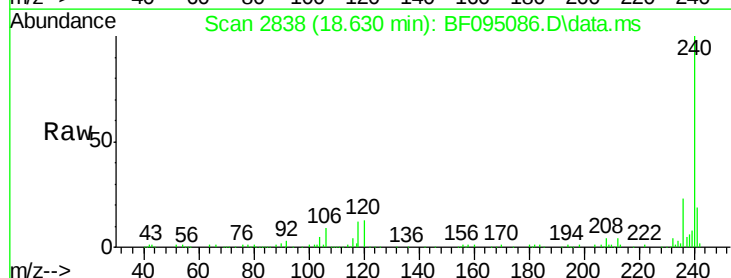
Instrument :
BNA_F
ClientSampleId :

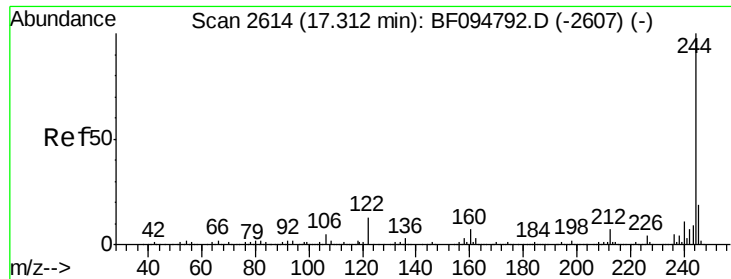
Tot Ion:188 Resp: 370189
Ion Ratio Lower Upper
188 100
94 9.5 9.4 14.2
80 10.4 10.2 15.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.630 min Scan# 2838
Delta R.T. -0.024 min
Lab File: BF095086.D
Acq: 11 May 2017 18:32

Tgt Ion:240 Resp: 316048
Ion Ratio Lower Upper
240 100
120 13.0 5.8 8.8#
236 23.4 20.5 30.7





#78

Terphenyl-d14

Concen: 80.77 ng

RT: 17.289 min Scan# 2614

Delta R.T. -0.024 min

Lab File: BF095086.D

Acq: 11 May 2017 18:32

Instrument :

BNA_F

ClientSampleId :

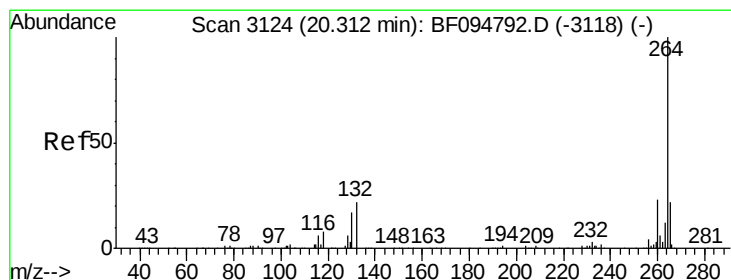
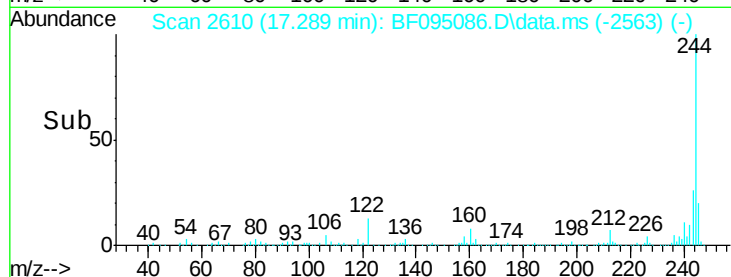
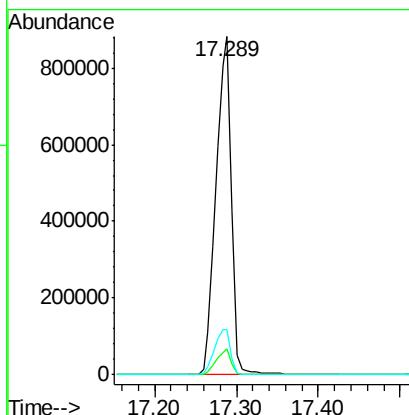
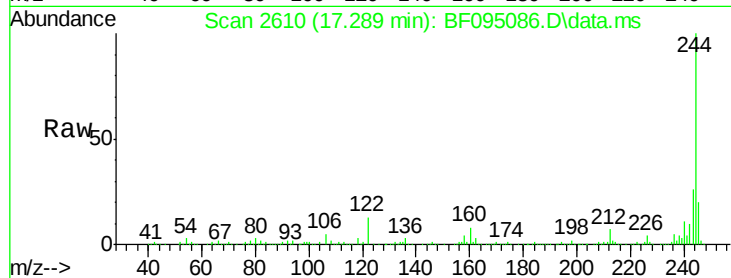
Tot Ion:244 Resp: 1158971

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

122 13.4 10.3 15.5



#86

Perylene-d12

Concen: 20.00 ng

RT: 20.294 min Scan# 3121

Delta R.T. -0.018 min

Lab File: BF095086.D

Acq: 11 May 2017 18:32

Tgt Ion:264 Resp: 223206

Ion Ratio Lower Upper

264 100

260 21.4 19.5 29.3

265 20.9 17.2 25.8

