

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051917\
 Data File : BF095270.D
 Acq On : 19 May 2017 18:58
 Operator : SJ/MA
 Sample : I3203-06
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 20 00:29:40 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

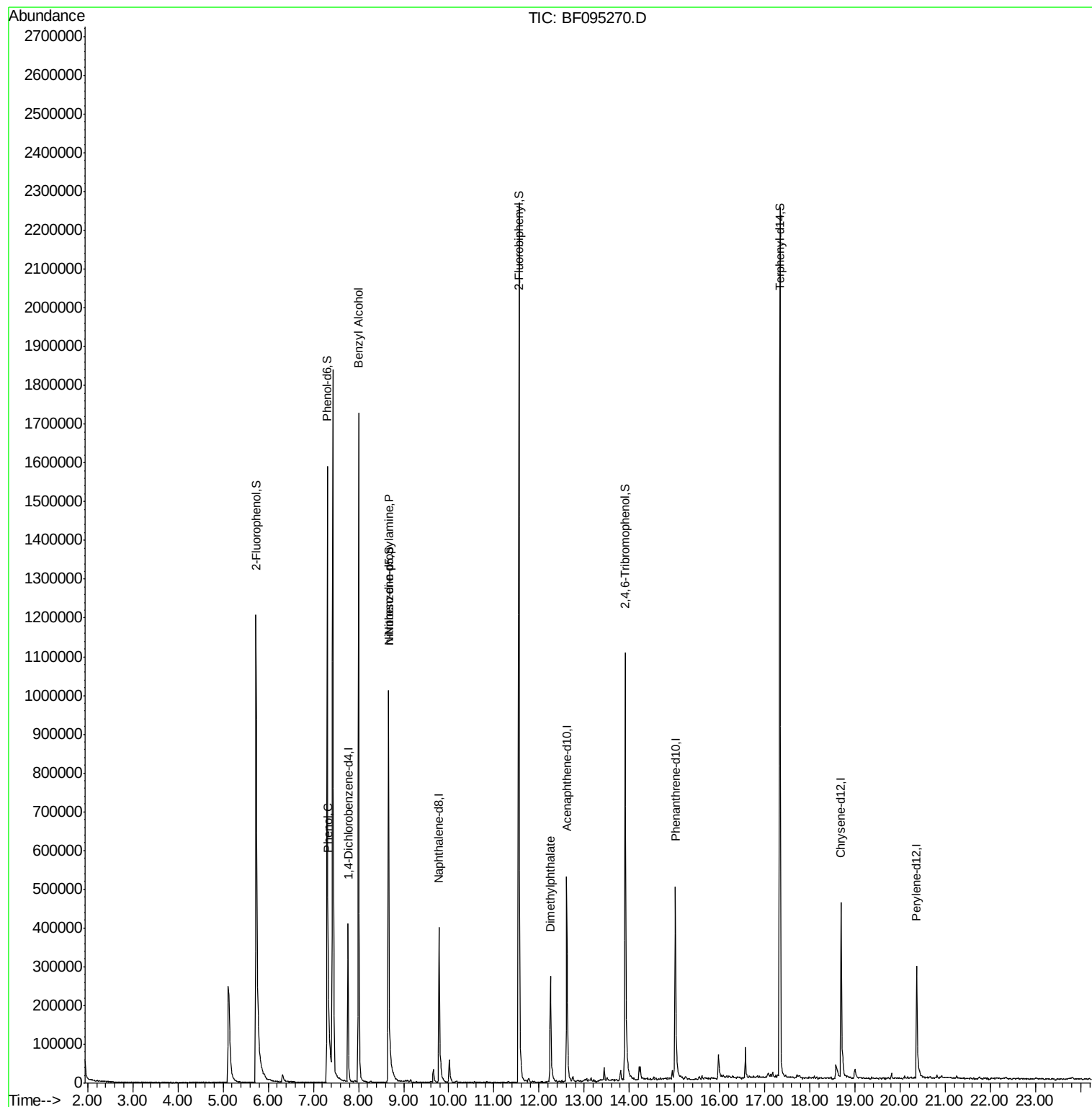
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	89996	20.00	ng	0.00
21) Naphthalene-d8	9.78	136	363399	20.00	ng	0.00
38) Acenaphthene-d10	12.61	164	180253	20.00	ng	0.00
63) Phenanthrene-d10	15.02	188	340295	20.00	ng	0.00
75) Chrysene-d12	18.69	240	284903	20.00	ng	0.00
86) Perylene-d12	20.37	264	192714	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.73	112	805009	149.13	ng	0.00
7) Phenol-d6	7.31	99	1003238	154.90	ng	0.00
23) Nitrobenzene-d5	8.67	82	589947	102.37	ng	0.00
41) 2,4,6-Tribromophenol	13.91	330	235629	159.62	ng	0.00
44) 2-Fluorobiphenyl	11.55	172	1146654	91.56	ng	0.00
78) Terphenyl-d14	17.34	244	1009540	78.05	ng	0.00
Target Compounds						
10) Phenol	7.32	94	19545	2.86	ng	# 42
15) Benzyl Alcohol	8.00	79	9083	2.18	ng	# 49
19) n-Nitroso-di-n-propylamine	8.67	70	71805	16.39	ng	# 74
49) Dimethylphthalate	12.25	163	223269	15.09	ng	99

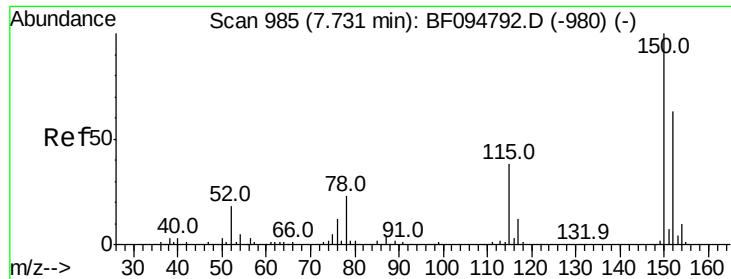
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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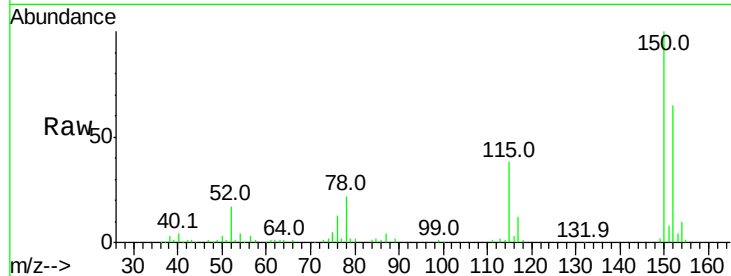


#1

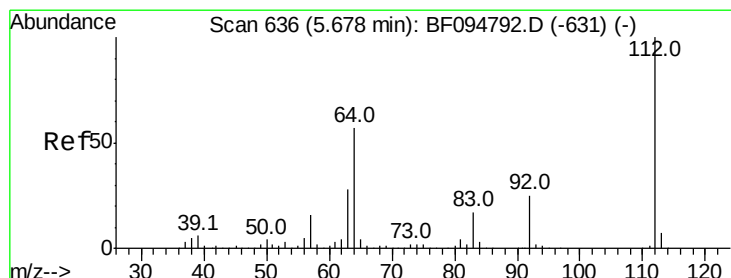
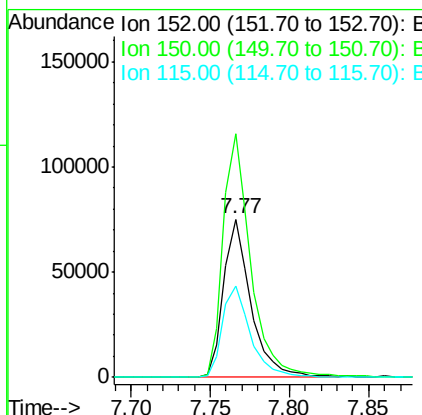
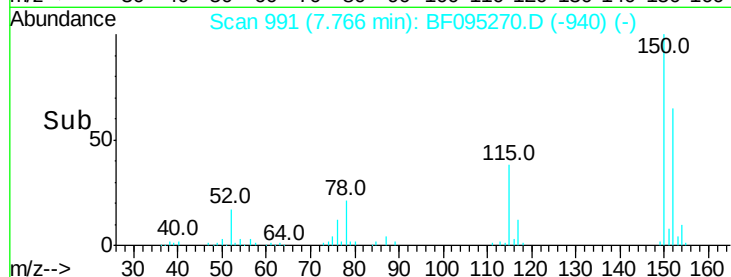
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.77 min Scan# 991
Delta R.T. 0.00 min
Lab File: BF095270.D
Acq: 19 May 2017 18:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 89996
Ion Ratio Lower Upper
152 100
150 153.6 126.2 189.2
115 58.0 52.2 78.2



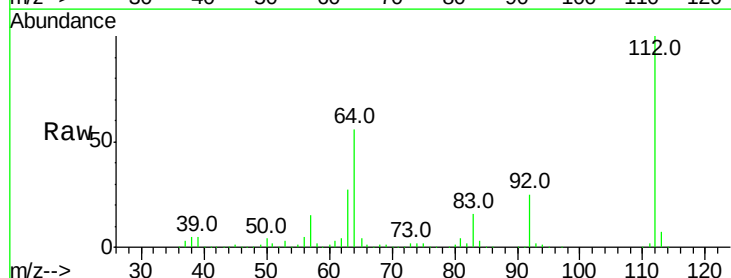
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



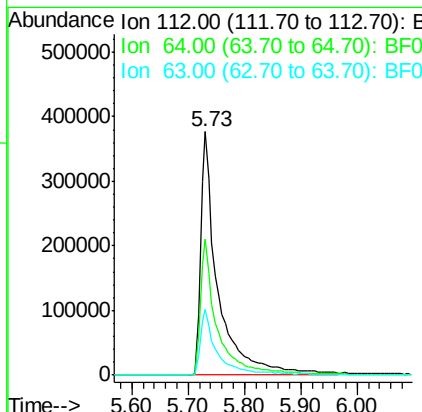
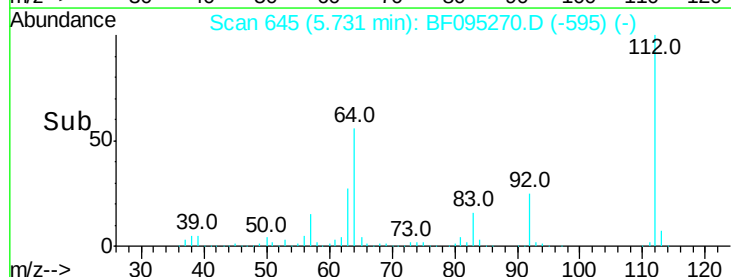
#5

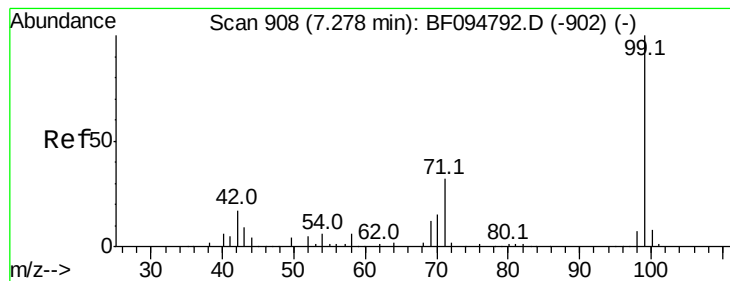
2-Fluorophenol
Concen: 149.13 ng
RT: 5.73 min Scan# 645
Delta R.T. -0.01 min
Lab File: BF095270.D
Acq: 19 May 2017 18:58

Tgt Ion:112 Resp: 805009
Ion Ratio Lower Upper
112 100
64 56.0 46.0 69.0
63 27.0 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: 154.90 ng

RT: 7.31 min Scan# 913

Delta R.T. -0.01 min

Lab File: BF095270.D

Acq: 19 May 2017 18:58

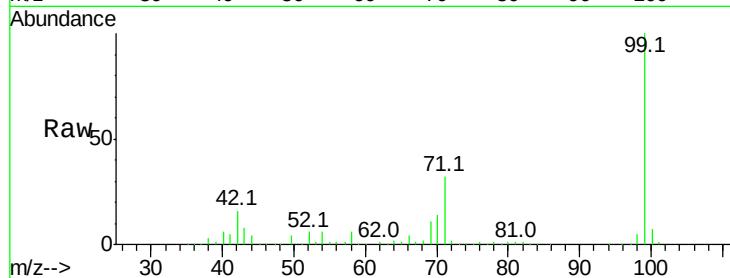
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1003238

Ion	Ratio	Lower	Upper
99	100		
42	16.2	13.5	20.3
71	32.1	24.5	36.7

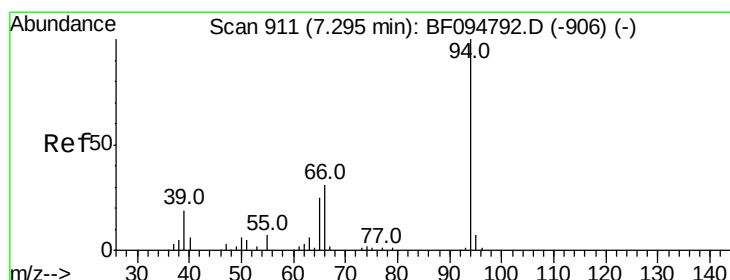
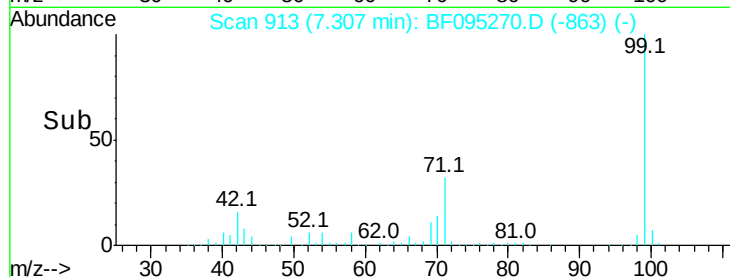
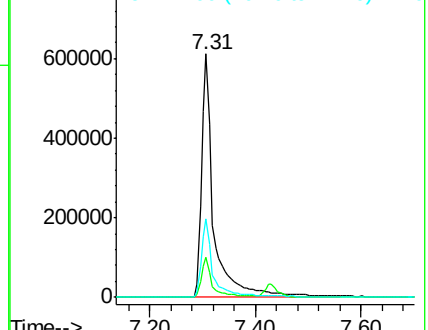


Abundance

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



#10

Phenol

Concen: 2.86 ng

RT: 7.32 min Scan# 916

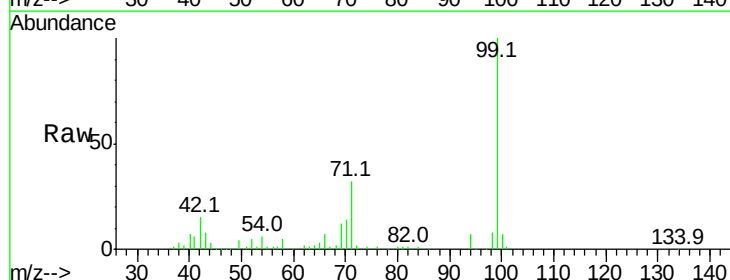
Delta R.T. -0.01 min

Lab File: BF095270.D

Acq: 19 May 2017 18:58

Tgt Ion: 94 Resp: 19545

Ion	Ratio	Lower	Upper
94	100		
65	40.1	9.9	49.9
66	97.7	23.1	63.1

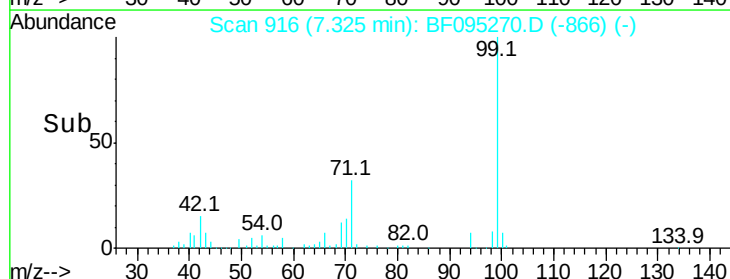
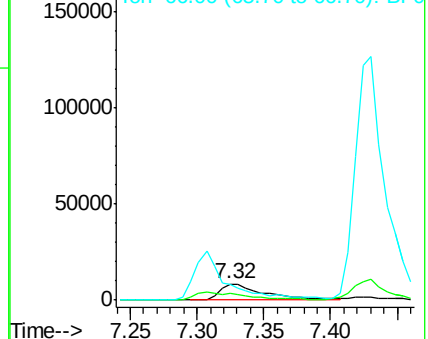


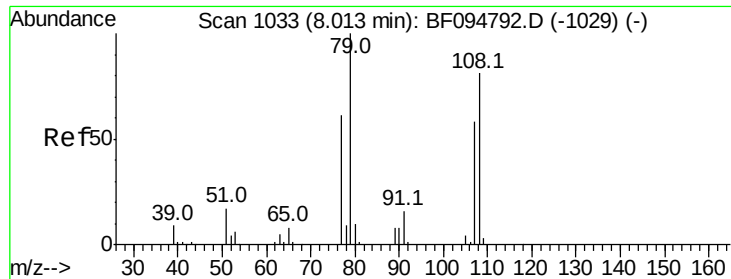
Abundance

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

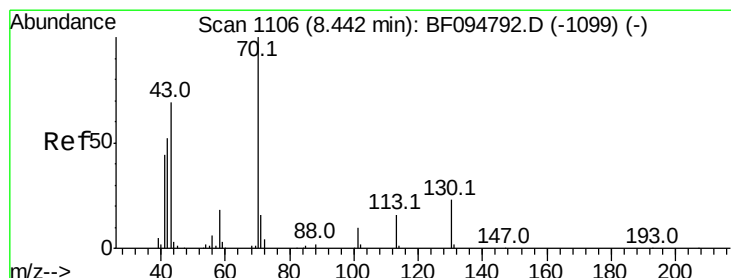
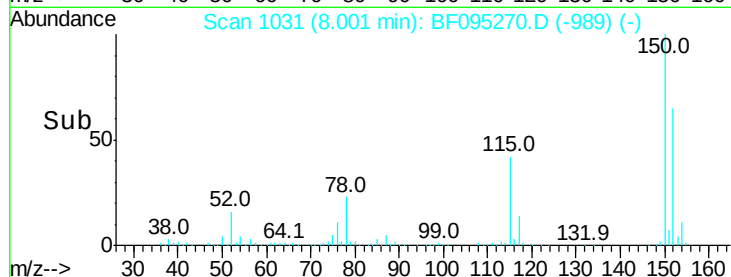
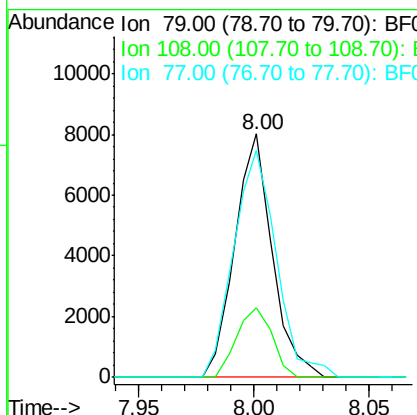
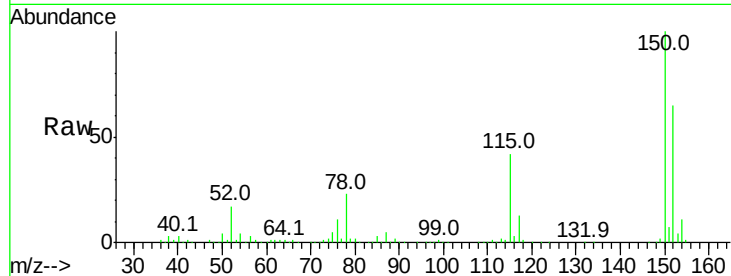




#15
Benzyl Alcohol
Concen: 2.18 ng
RT: 8.00 min Scan# 1031
Delta R.T. -0.05 min
Lab File: BF095270.D
Acq: 19 May 2017 18:58

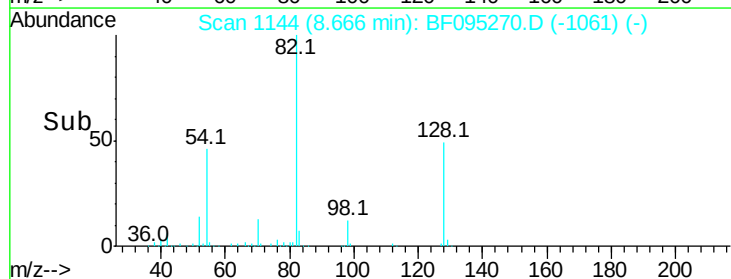
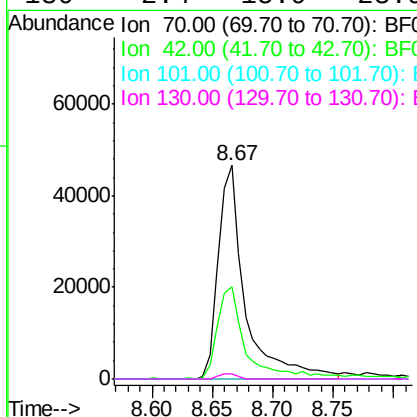
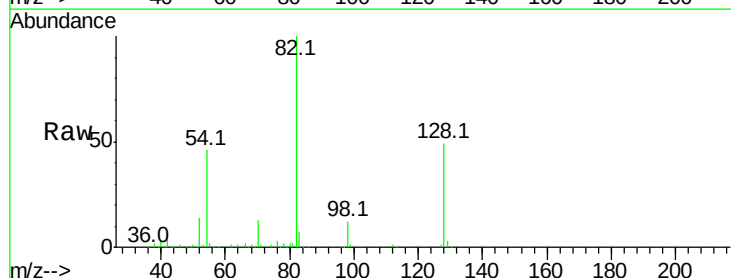
Instrument :
BNA_F
ClientSampled :

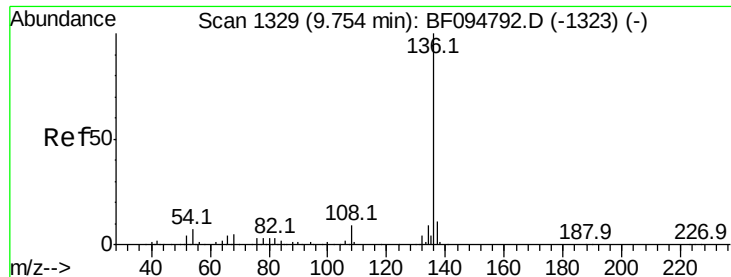
Tot Ion: 79 Resp: 9083
Ion Ratio Lower Upper
79 100
108 28.3 63.4 95.0#
77 93.1 49.2 73.8#



#19
n-Nitroso-di-n-propylamine
Concen: 16.39 ng
RT: 8.67 min Scan# 1144
Delta R.T. 0.19 min
Lab File: BF095270.D
Acq: 19 May 2017 18:58

Tgt Ion: 70 Resp: 71805
Ion Ratio Lower Upper
70 100
42 43.0 47.2 70.8#
101 0.0 7.2 10.8#
130 2.4 15.9 23.9#

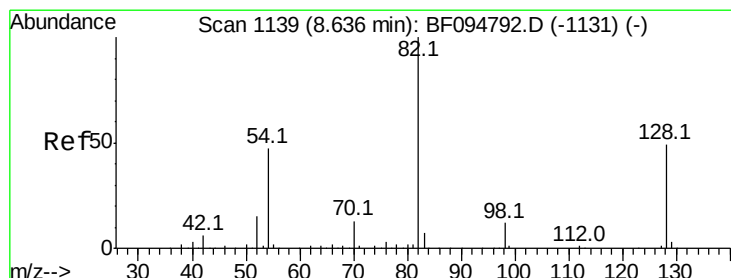
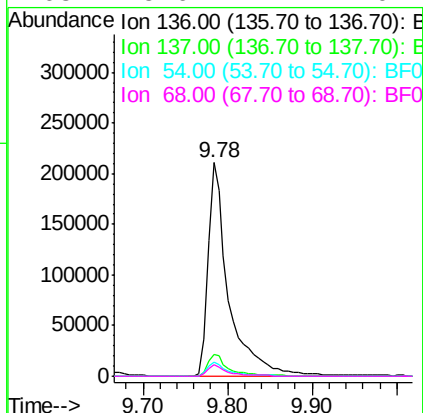
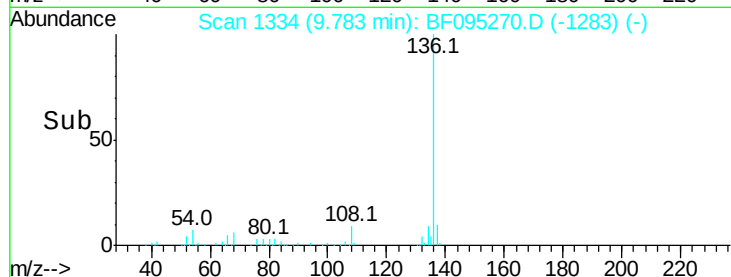
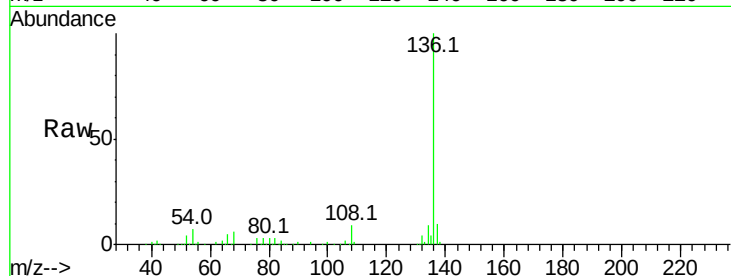




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.78 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF095270.D
Acq: 19 May 2017 18:58

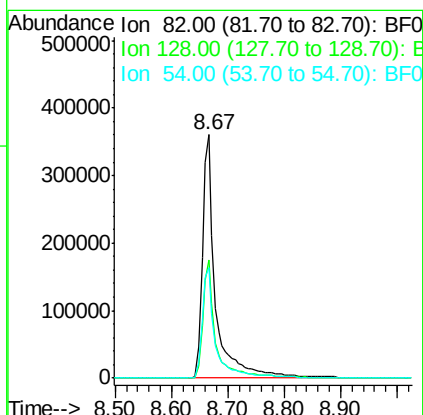
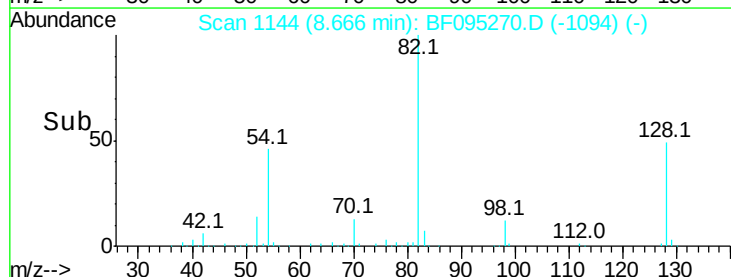
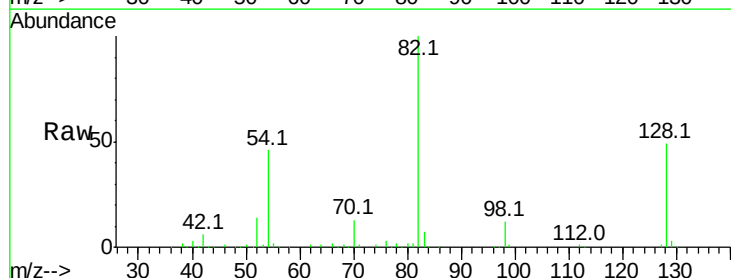
Instrument :
BNA_F
ClientSampleId :

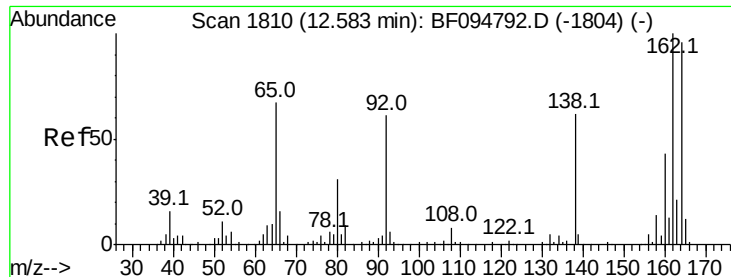
Tot Ion:136	Resp:	363399
Ion	Ratio	Lower Upper
136	100	
137	10.4	8.5 12.7
54	6.8	4.9 7.3
68	5.6	4.1 6.1



#23
Nitrobenzene-d5
Concen: 102.37 ng
RT: 8.67 min Scan# 1144
Delta R.T. -0.01 min
Lab File: BF095270.D
Acq: 19 May 2017 18:58

Tgt Ion: 82	Resp:	589947
Ion	Ratio	Lower Upper
82	100	
128	48.6	34.0 51.0
54	45.6	42.2 63.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.61 min Scan# 1815

Delta R.T. -0.01 min

Lab File: BF095270.D

Acq: 19 May 2017 18:58

Instrument :

BNA_F

ClientSampleId :

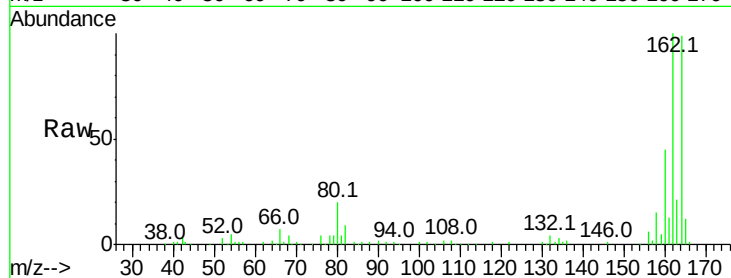
Tot Ion:164 Resp: 180253

Ion Ratio Lower Upper

164 100

162 101.1 82.6 123.8

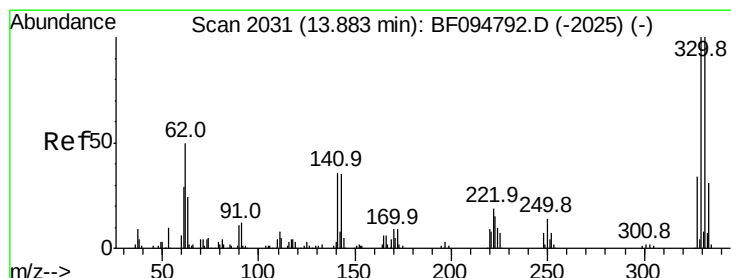
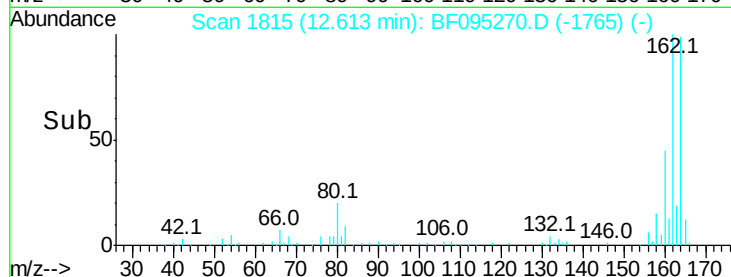
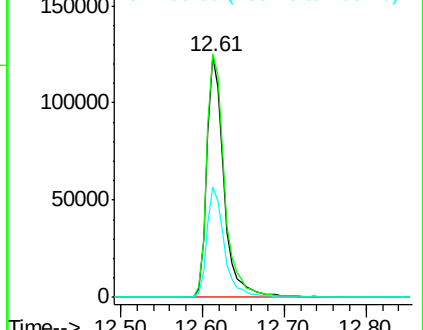
160 45.7 36.2 54.2



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: 159.62 ng

RT: 13.91 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BF095270.D

Acq: 19 May 2017 18:58

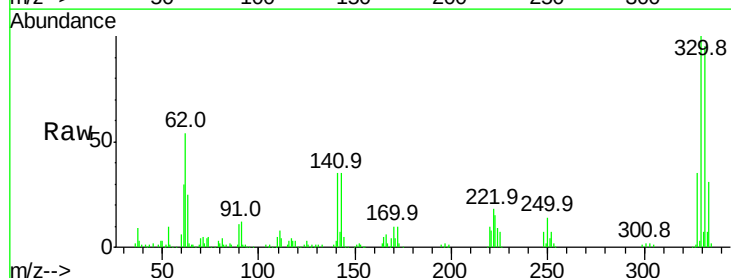
Tgt Ion:330 Resp: 235629

Ion Ratio Lower Upper

330 100

332 95.0 76.6 115.0

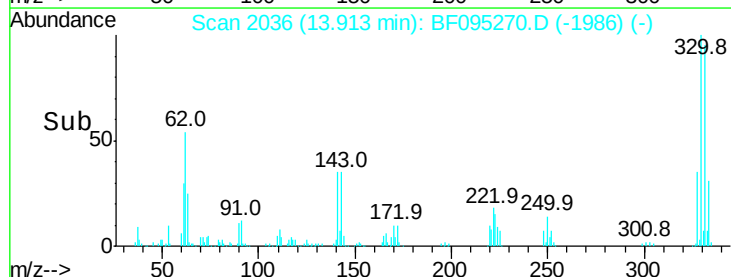
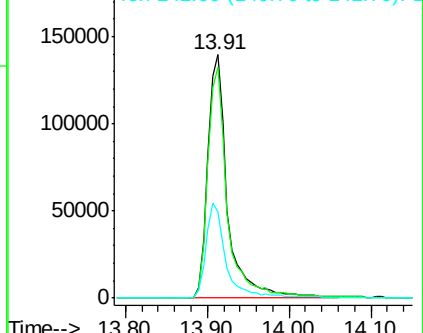
141 39.7 31.4 47.2

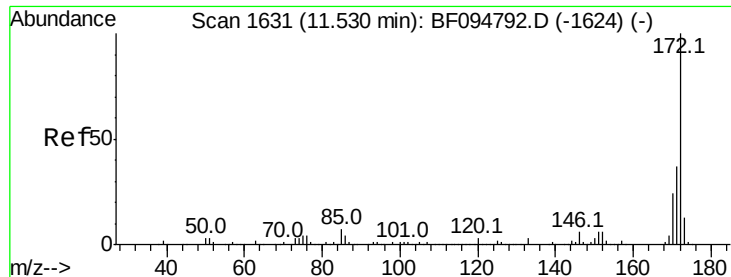


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

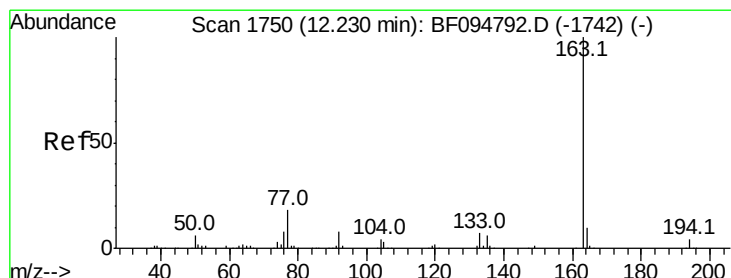
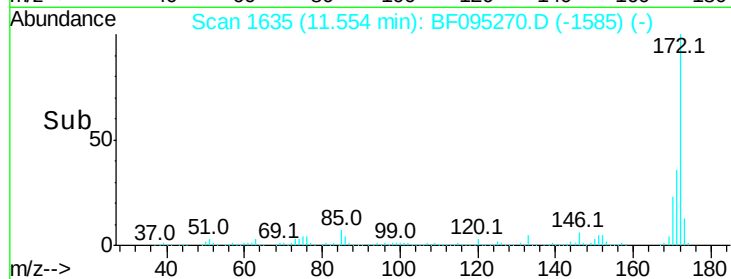
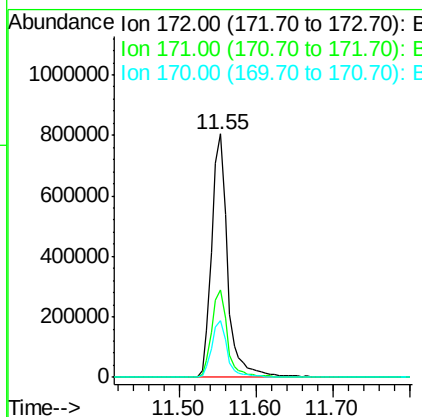
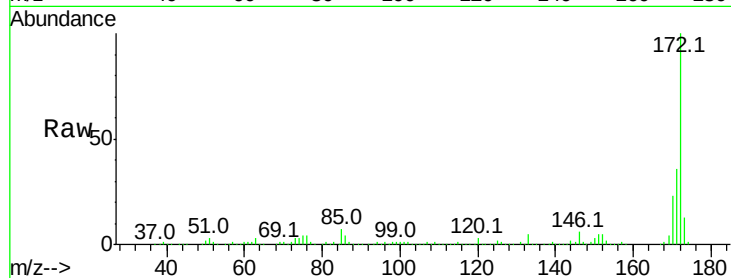




#44
 2-Fluorobiphenyl
 Concen: 91.56 ng
 RT: 11.55 min Scan# 1635
 Delta R.T. -0.01 min
 Lab File: BF095270.D
 Acq: 19 May 2017 18:58

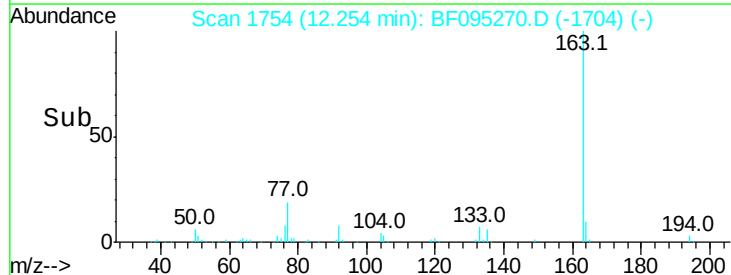
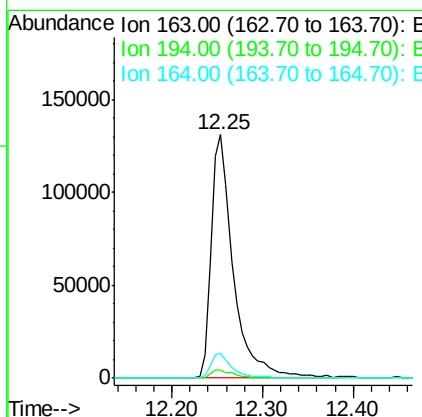
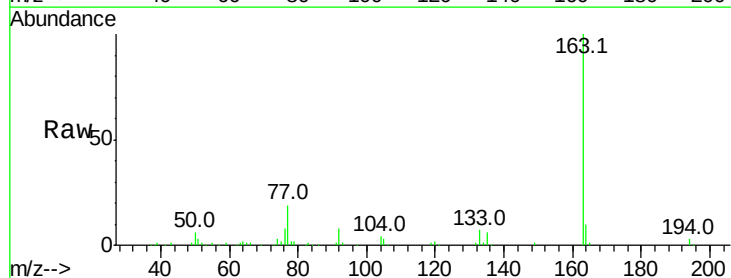
Instrument :
 BNA_F
 ClientSampleId :

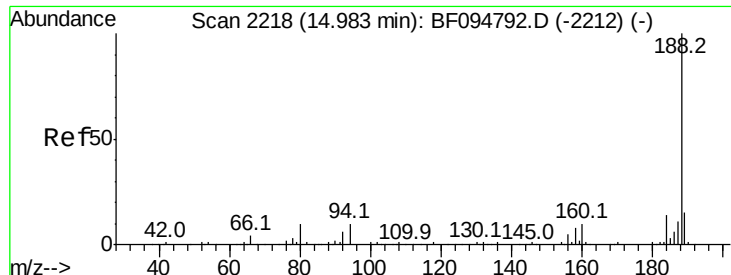
Tot Ion:172 Resp: 1146654
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.6 44.4
 170 23.2 19.8 29.8



#49
 Dimethylphthalate
 Concen: 15.09 ng
 RT: 12.25 min Scan# 1754
 Delta R.T. -0.01 min
 Lab File: BF095270.D
 Acq: 19 May 2017 18:58

Tgt Ion:163 Resp: 223269
 Ion Ratio Lower Upper
 163 100
 194 3.5 2.6 4.0
 164 10.2 8.4 12.6

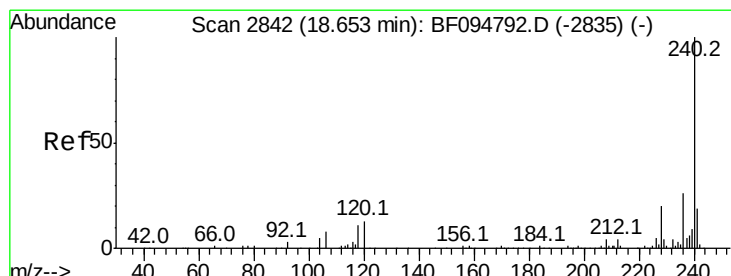
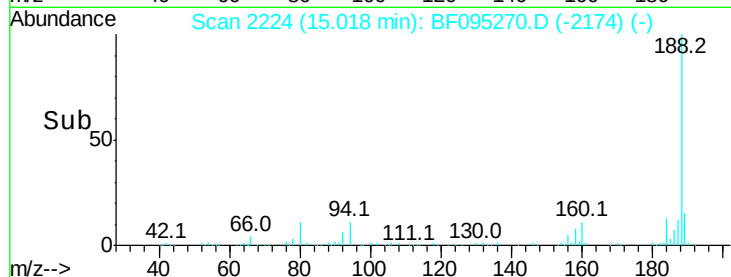
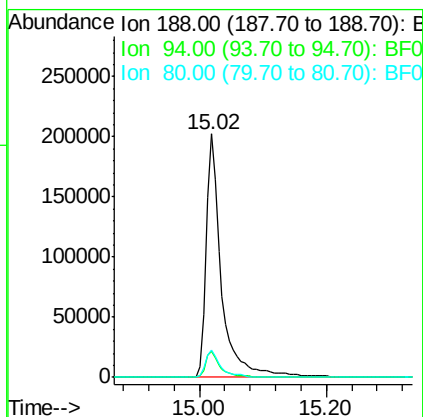
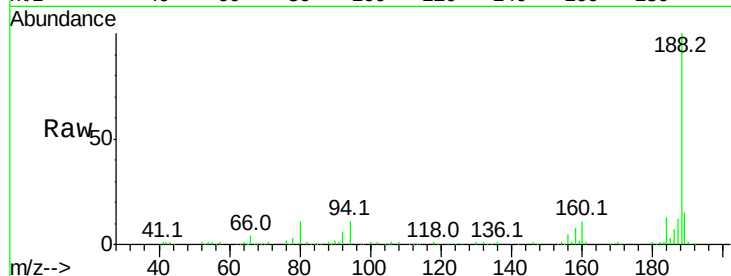




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 15.02 min Scan# 2224
 Delta R.T. -0.01 min
 Lab File: BF095270.D
 Acq: 19 May 2017 18:58

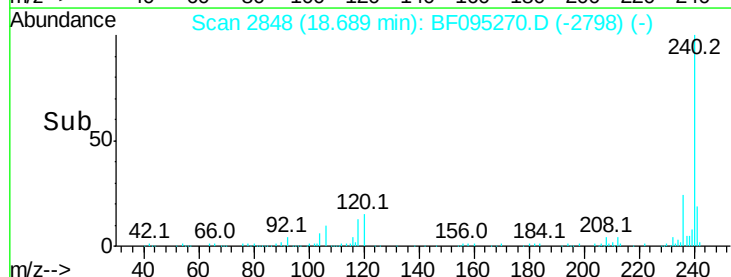
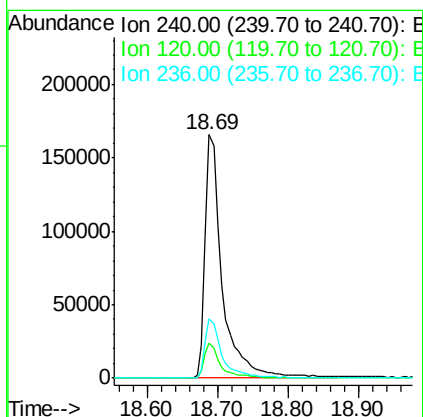
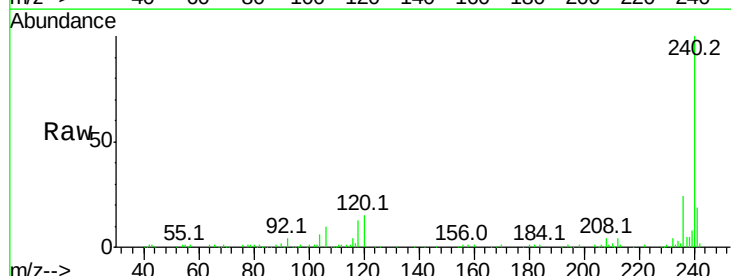
Instrument :
 BNA_F
 ClientSampled :

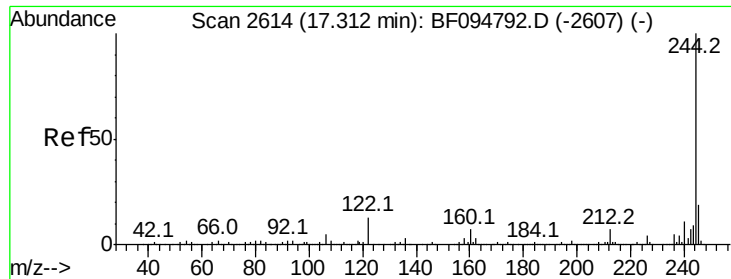
Tot Ion:188 Resp: 340295
 Ion Ratio Lower Upper
 188 100
 94 10.6 9.4 14.2
 80 11.2 10.2 15.2



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.69 min Scan# 2848
 Delta R.T. -0.01 min
 Lab File: BF095270.D
 Acq: 19 May 2017 18:58

Tgt Ion:240 Resp: 284903
 Ion Ratio Lower Upper
 240 100
 120 14.5 5.8 8.8#
 236 24.3 20.5 30.7

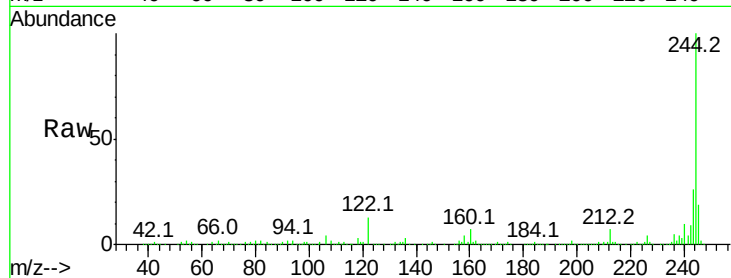




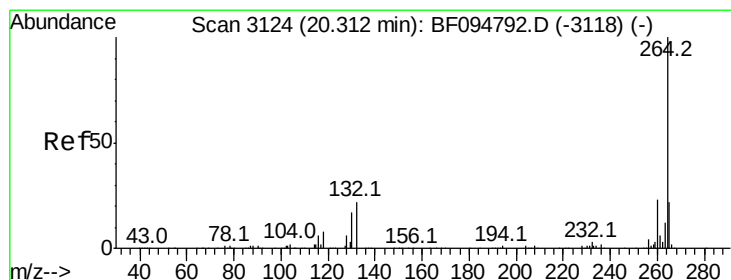
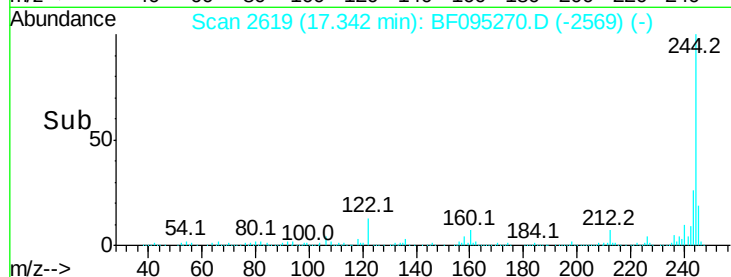
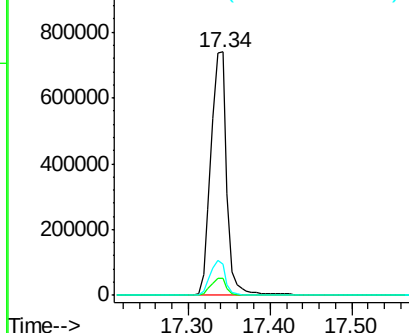
#78
 Terphenyl-d14
 Concen: 78.05 ng
 RT: 17.34 min Scan# 2619
 Delta R.T. -0.01 min
 Lab File: BF095270.D
 Acq: 19 May 2017 18:58

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:244 Resp: 1009540
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 12.7 10.3 15.5

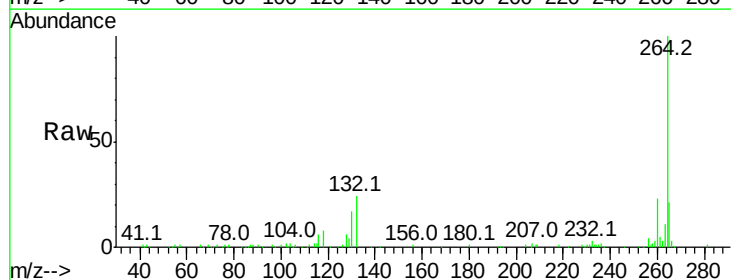


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.37 min Scan# 3133
 Delta R.T. 0.00 min
 Lab File: BF095270.D
 Acq: 19 May 2017 18:58

Tgt Ion:264 Resp: 192714
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.5 29.3
 265 20.8 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

