

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051517\
 Data File : BF095136.D
 Acq On : 15 May 2017 20:51
 Operator : SJ/MA
 Sample : I3147-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 16 05:59:07 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

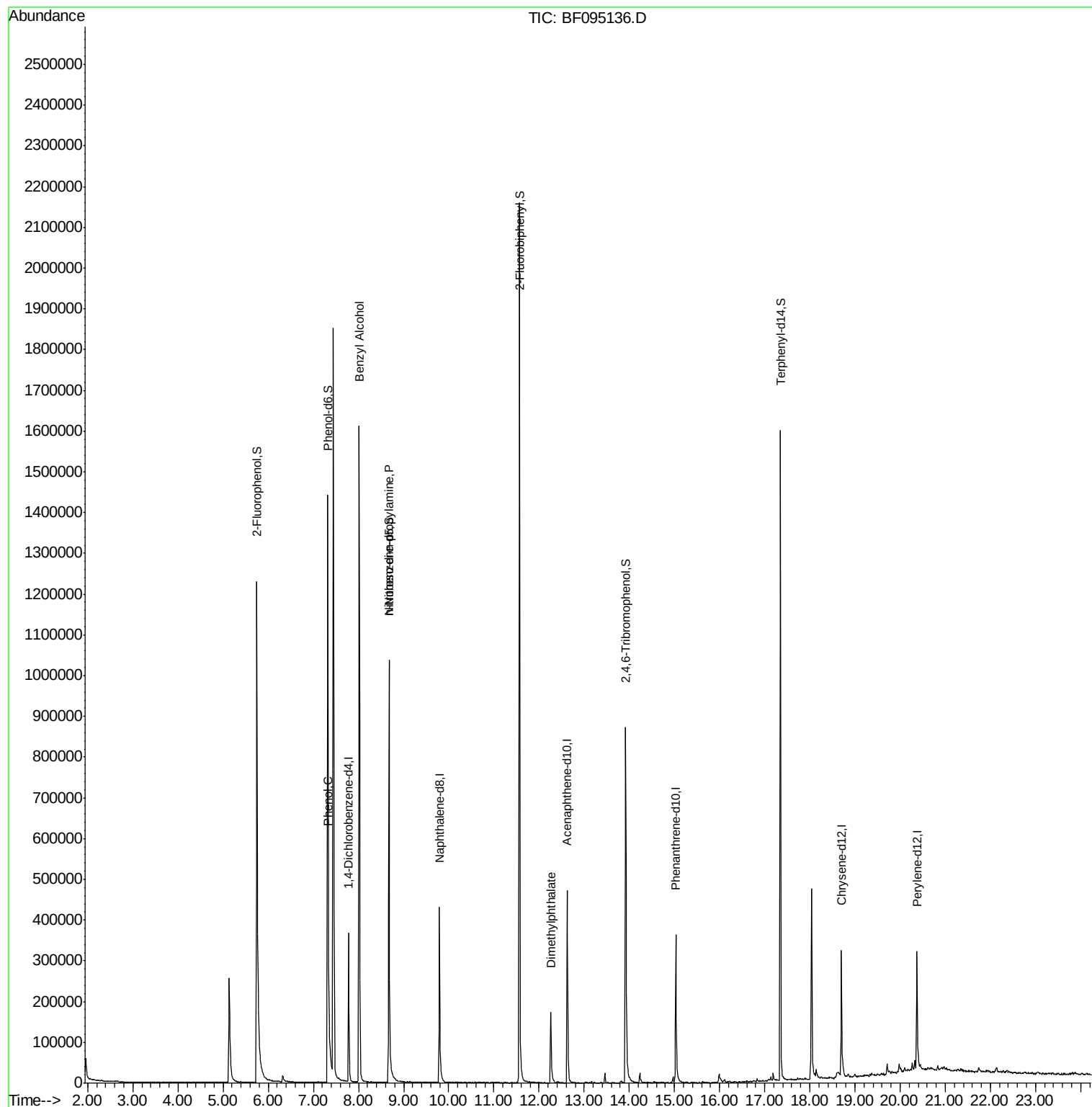
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	83043	20.00	ng	0.05
21) Naphthalene-d8	9.80	136	320786	20.00	ng	0.04
38) Acenaphthene-d10	12.62	164	142528	20.00	ng	0.04
63) Phenanthrene-d10	15.03	188	220541	20.00	ng	0.05
75) Chrysene-d12	18.70	240	153894	20.00	ng	0.05
86) Perylene-d12	20.37	264	150906	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.75	112	718232	144.20	ng	0.07
7) Phenol-d6	7.32	99	882016	147.58	ng	0.04
23) Nitrobenzene-d5	8.68	82	505240	99.32	ng	0.04
41) 2,4,6-Tribromophenol	13.92	330	167246	143.28	ng	0.04
44) 2-Fluorobiphenyl	11.57	172	1026662	103.68	ng	0.04
78) Terphenyl-d14	17.35	244	629484	90.09	ng	0.04
Target Compounds						
10) Phenol	7.34	94	16744	2.66	ng	# 61
15) Benzyl Alcohol	8.01	79	8012	2.08	ng	# 53
19) n-Nitroso-di-n-propylamine	8.68	70	63524	15.72	ng	# 76
49) Dimethylphthalate	12.26	163	145888	12.47	ng	96

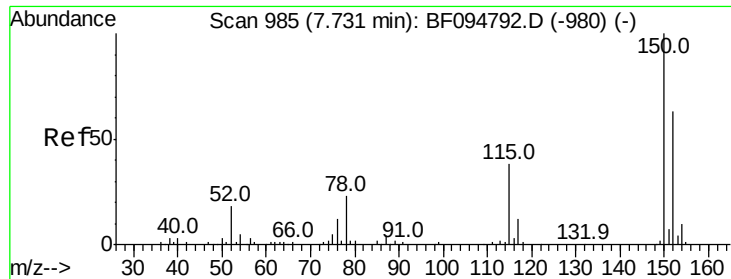
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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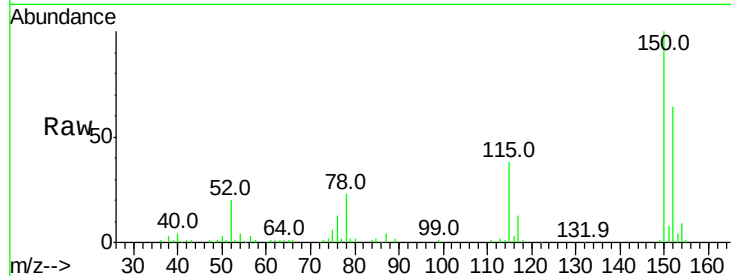


#1

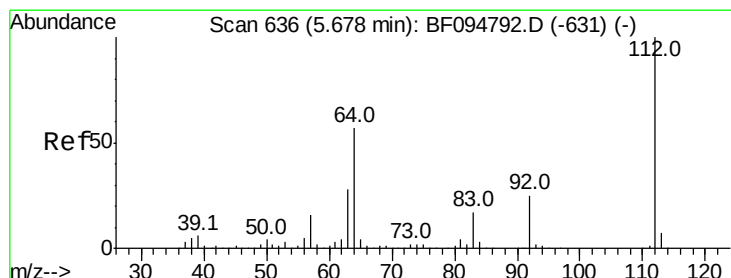
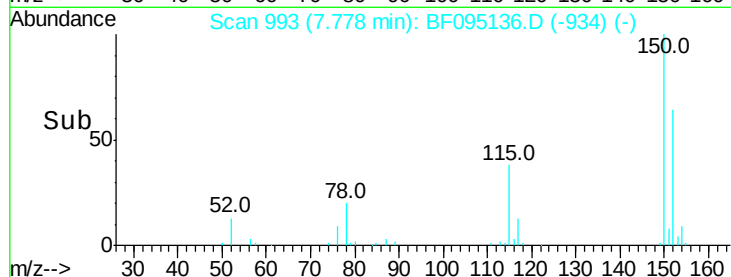
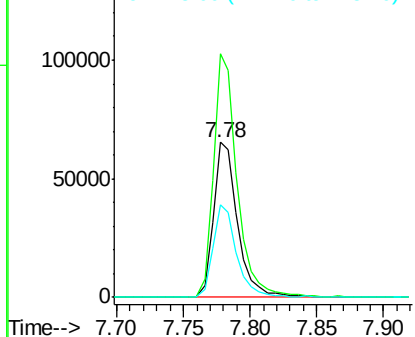
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.78 min Scan# 993
Delta R.T. 0.05 min
Lab File: BF095136.D
Acq: 15 May 2017 20:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 83043
Ion Ratio Lower Upper
152 100
150 157.1 126.2 189.2
115 59.9 52.2 78.2



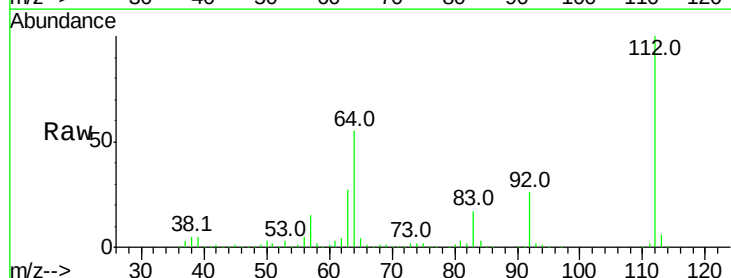
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



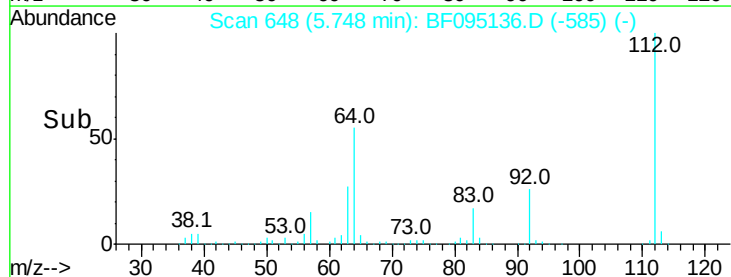
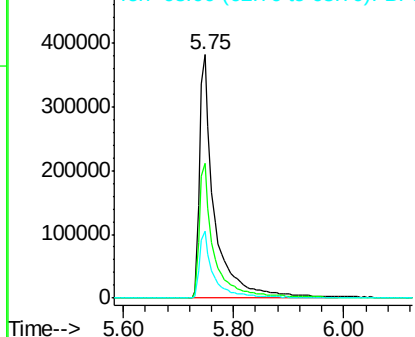
#5

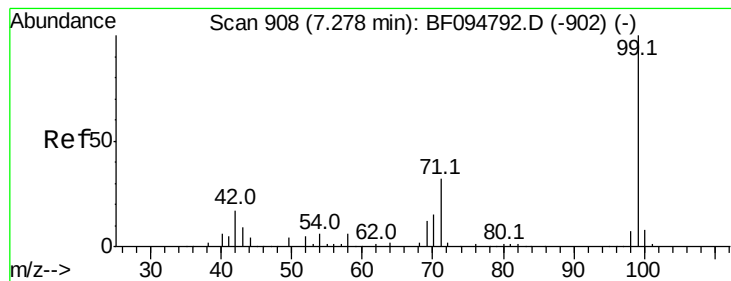
2-Fluorophenol
Concen: 144.20 ng
RT: 5.75 min Scan# 648
Delta R.T. 0.07 min
Lab File: BF095136.D
Acq: 15 May 2017 20:51

Tgt Ion:112 Resp: 718232
Ion Ratio Lower Upper
112 100
64 55.5 46.0 69.0
63 27.3 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: 147.58 ng

RT: 7.32 min Scan# 915

Delta R.T. 0.04 min

Lab File: BF095136.D

Acq: 15 May 2017 20:51

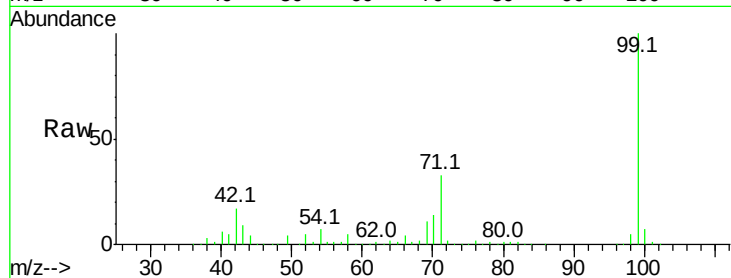
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 882016

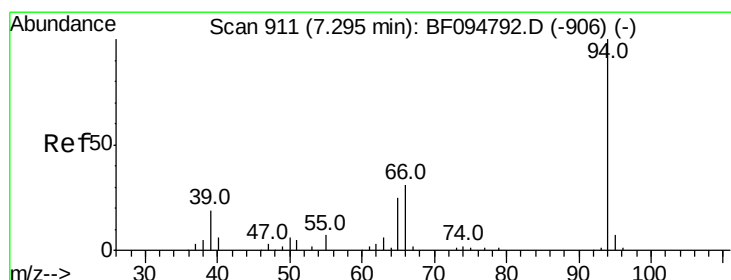
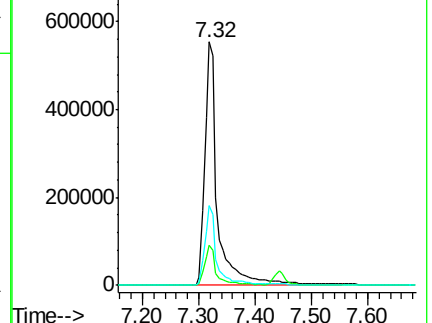
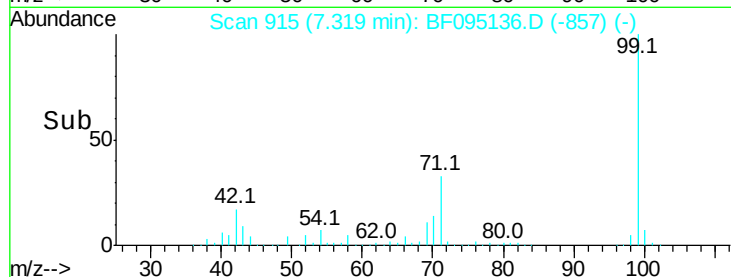
Ion	Ratio	Lower	Upper
99	100		
42	16.7	13.5	20.3
71	32.6	24.5	36.7



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: 2.66 ng

RT: 7.34 min Scan# 918

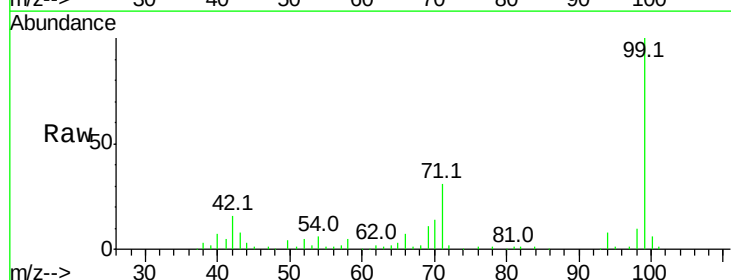
Delta R.T. 0.04 min

Lab File: BF095136.D

Acq: 15 May 2017 20:51

Tgt Ion: 94 Resp: 16744

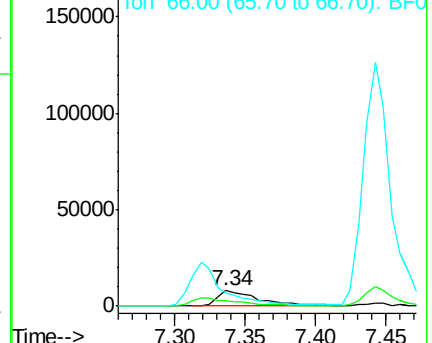
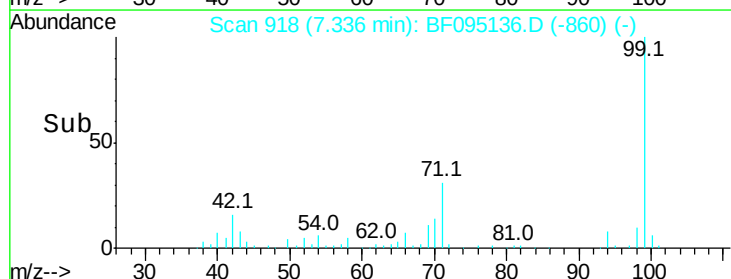
Ion	Ratio	Lower	Upper
94	100		
65	32.6	9.9	49.9
66	83.3	23.1	63.1

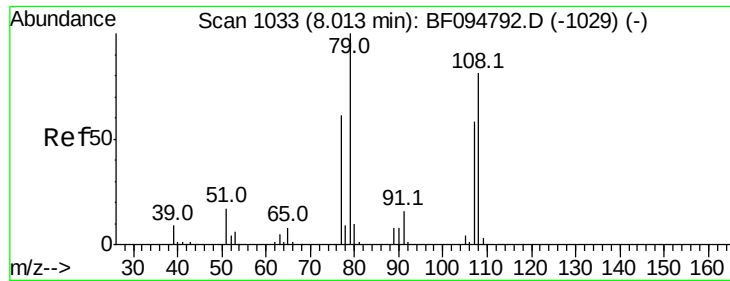


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

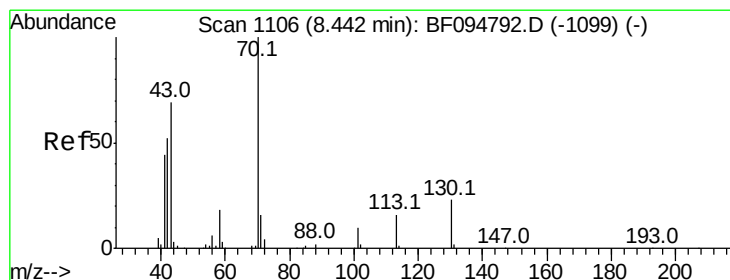
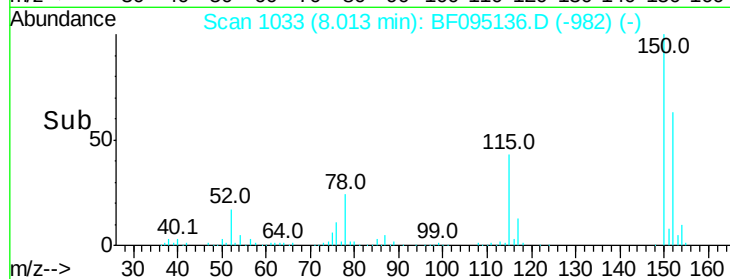
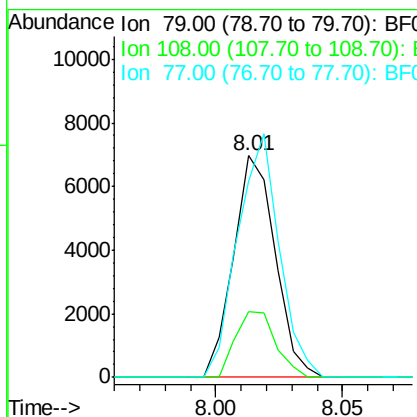
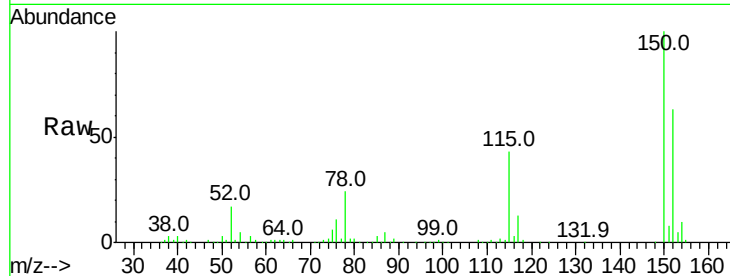




#15
Benzyl Alcohol
Concen: 2.08 ng
RT: 8.01 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF095136.D
Acq: 15 May 2017 20:51

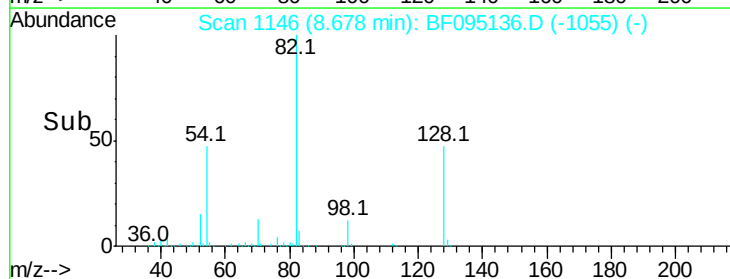
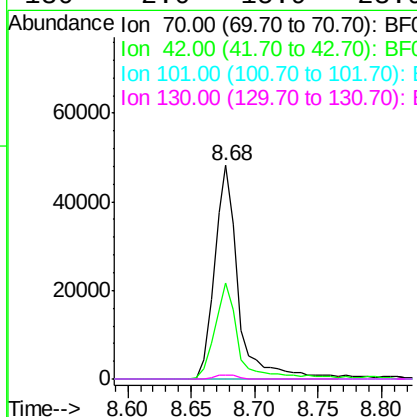
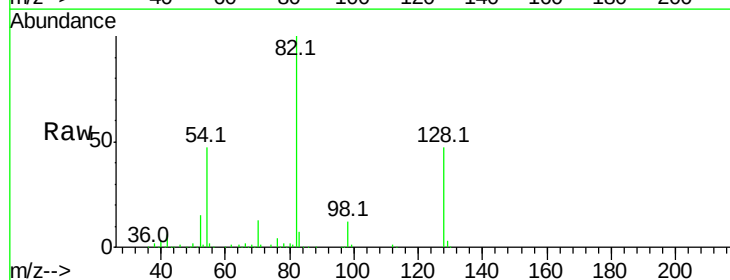
Instrument :
BNA_F
ClientSampled :

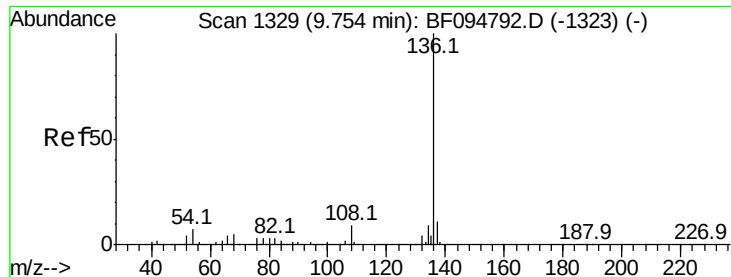
Tot Ion: 79 Resp: 8012
Ion Ratio Lower Upper
79 100
108 29.8 63.4 95.0#
77 88.7 49.2 73.8#



#19
n-Nitroso-di-n-propylamine
Concen: 15.72 ng
RT: 8.68 min Scan# 1146
Delta R.T. 0.24 min
Lab File: BF095136.D
Acq: 15 May 2017 20:51

Tgt Ion: 70 Resp: 63524
Ion Ratio Lower Upper
70 100
42 44.9 47.2 70.8#
101 0.0 7.2 10.8#
130 2.0 15.9 23.9#

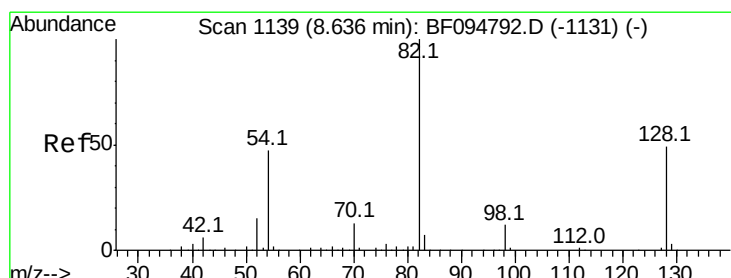
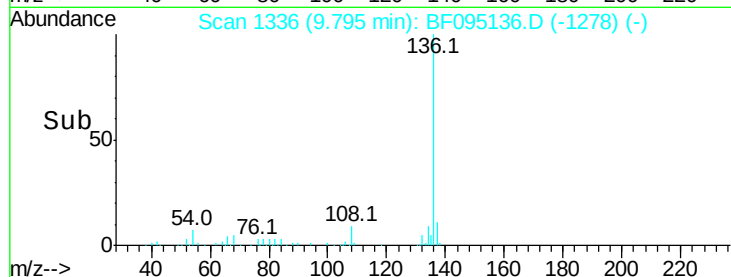
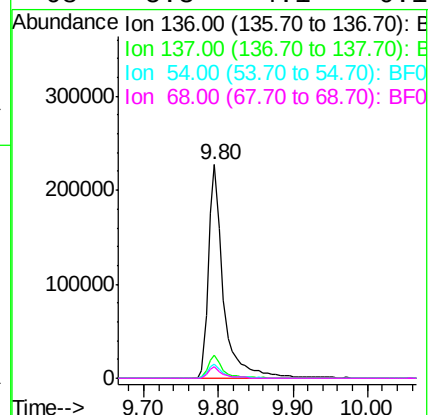
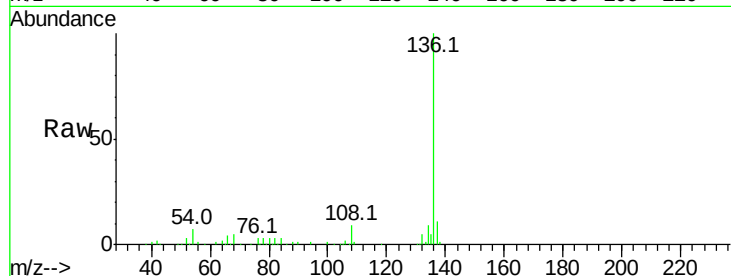




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.80 min Scan# 1336
Delta R.T. 0.04 min
Lab File: BF095136.D
Acq: 15 May 2017 20:51

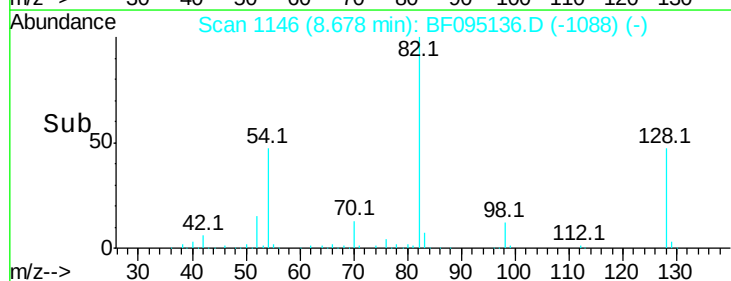
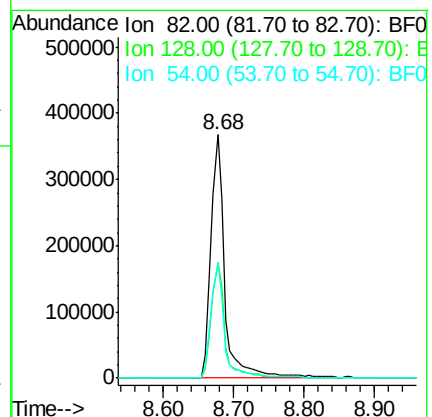
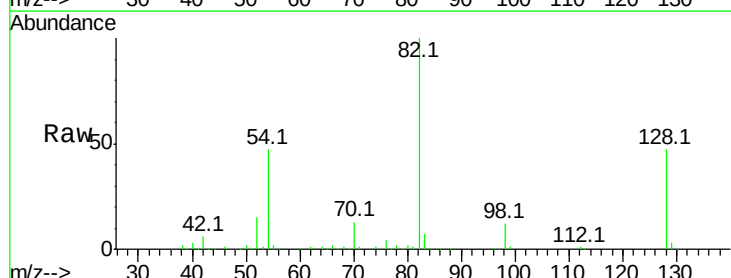
Instrument :
BNA_F
ClientSampleId :

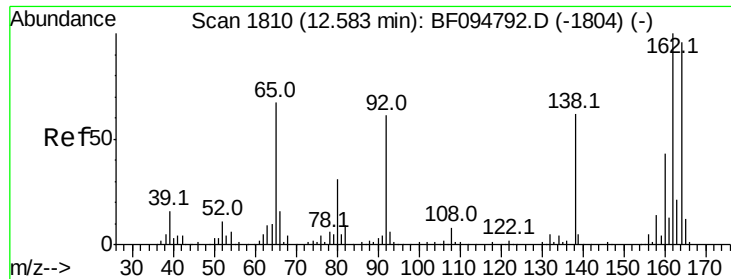
Tot Ion:136	Resp:	320786
Ion	Ratio	Lower Upper
136	100	
137	10.8	8.5 12.7
54	6.6	4.9 7.3
68	5.3	4.1 6.1



#23
Nitrobenzene-d5
Concen: 99.32 ng
RT: 8.68 min Scan# 1146
Delta R.T. 0.04 min
Lab File: BF095136.D
Acq: 15 May 2017 20:51

Tgt Ion: 82	Resp:	505240
Ion	Ratio	Lower Upper
82	100	
128	47.4	34.0 51.0
54	46.8	42.2 63.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.62 min Scan# 1817

Delta R.T. 0.04 min

Lab File: BF095136.D

Acq: 15 May 2017 20:51

Instrument :

BNA_F

ClientSampleId :

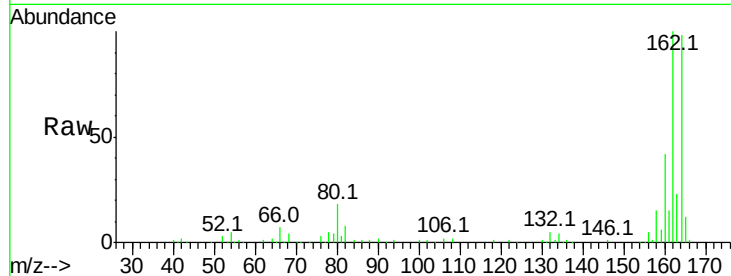
Tot Ion:164 Resp: 142528

Ion Ratio Lower Upper

164 100

162 102.3 82.6 123.8

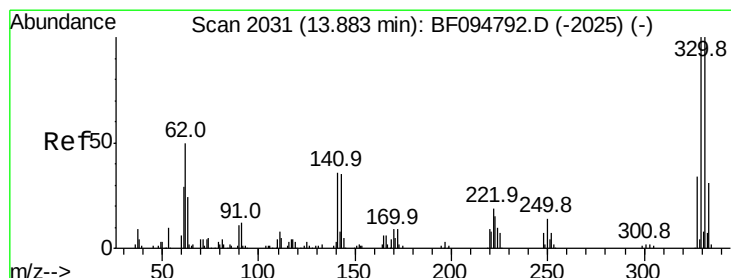
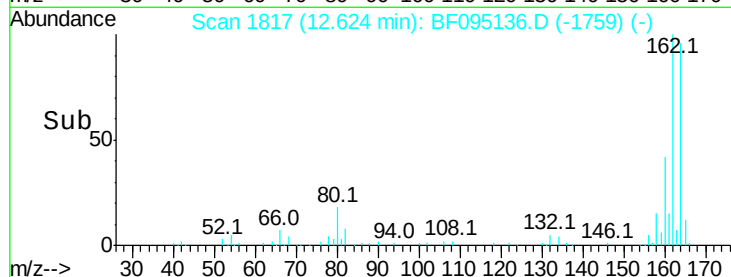
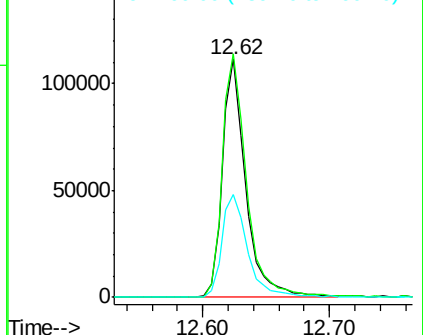
160 43.1 36.2 54.2



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: 143.28 ng

RT: 13.92 min Scan# 2038

Delta R.T. 0.04 min

Lab File: BF095136.D

Acq: 15 May 2017 20:51

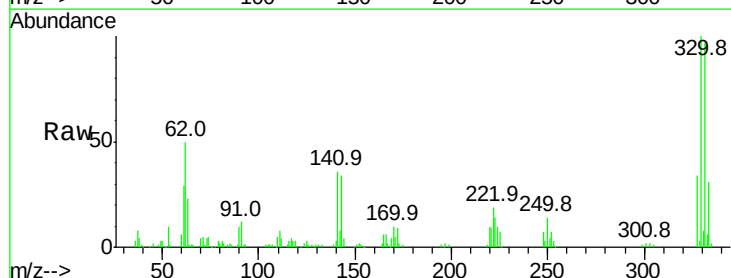
Tgt Ion:330 Resp: 167246

Ion Ratio Lower Upper

330 100

332 94.7 76.6 115.0

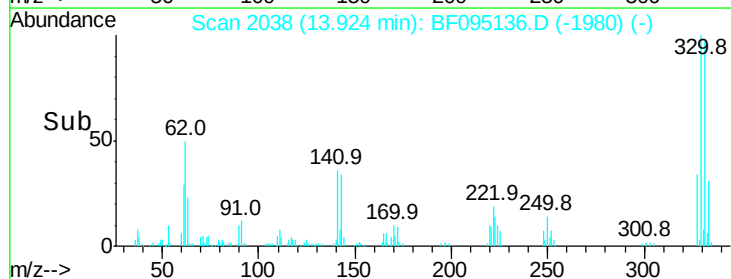
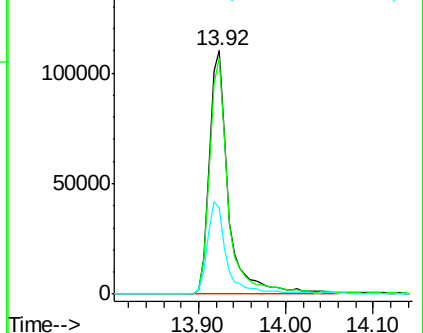
141 38.4 31.4 47.2

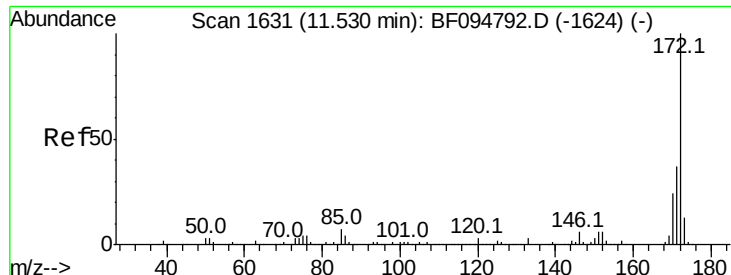


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

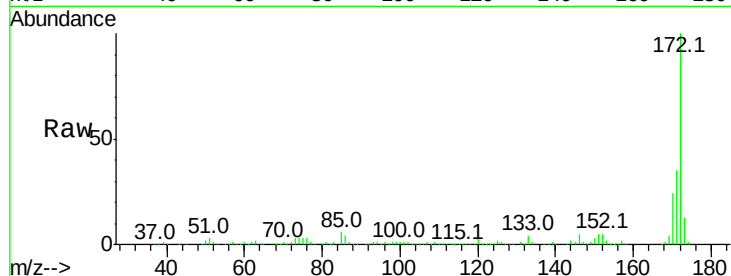




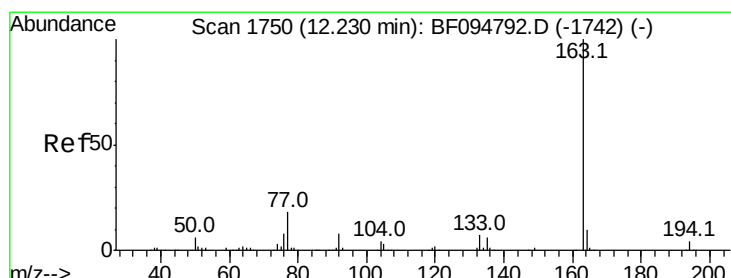
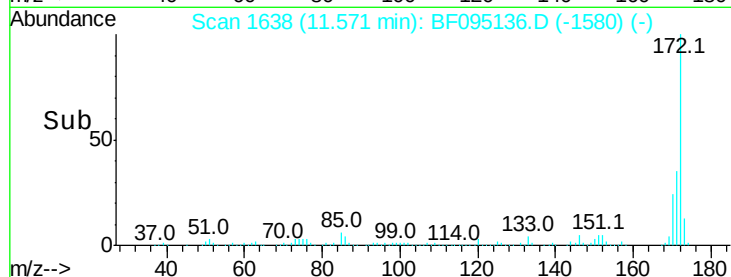
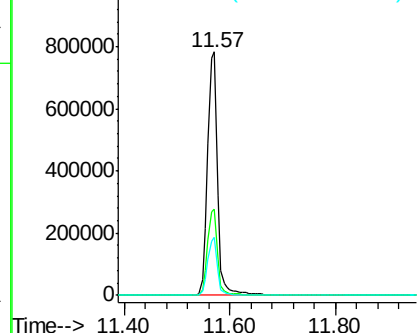
#44
2-Fluorobiphenyl
Concen: 103.68 ng
RT: 11.57 min Scan# 1638
Delta R.T. 0.04 min
Lab File: BF095136.D
Acq: 15 May 2017 20:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1026662
Ion Ratio Lower Upper
172 100
171 35.2 29.6 44.4
170 23.6 19.8 29.8

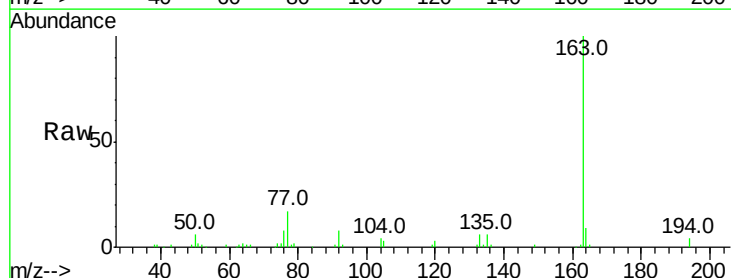


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

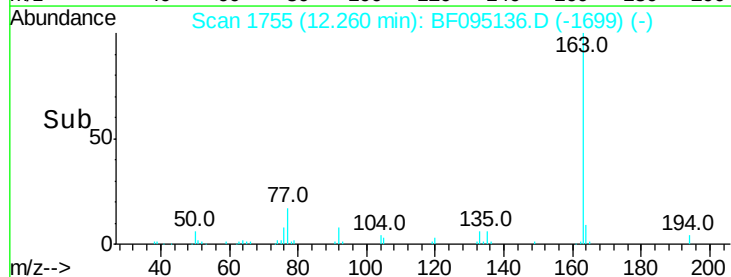
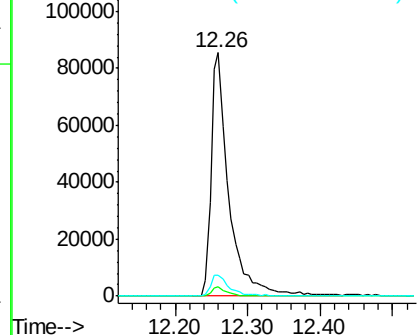


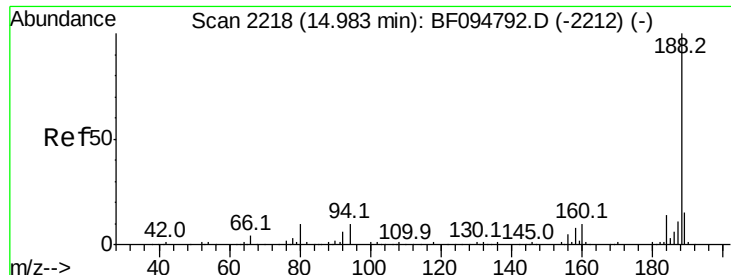
#49
Dimethylphthalate
Concen: 12.47 ng
RT: 12.26 min Scan# 1755
Delta R.T. 0.03 min
Lab File: BF095136.D
Acq: 15 May 2017 20:51

Tgt Ion:163 Resp: 145888
Ion Ratio Lower Upper
163 100
194 3.9 2.6 4.0
164 8.7 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

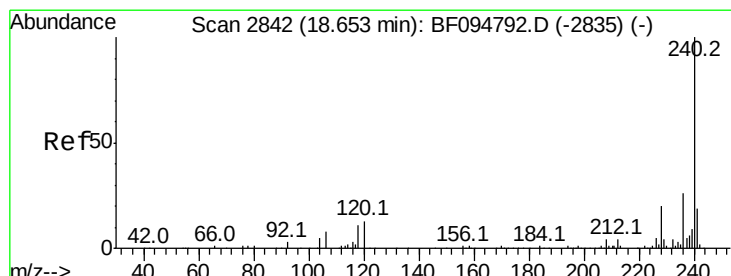
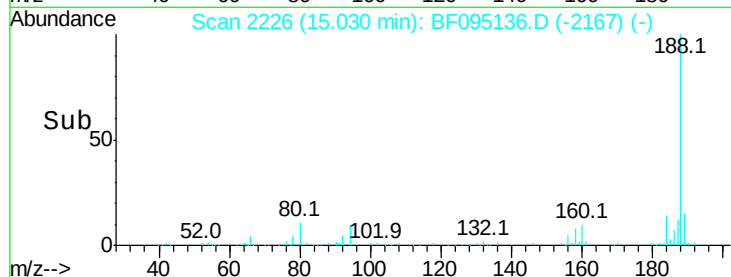
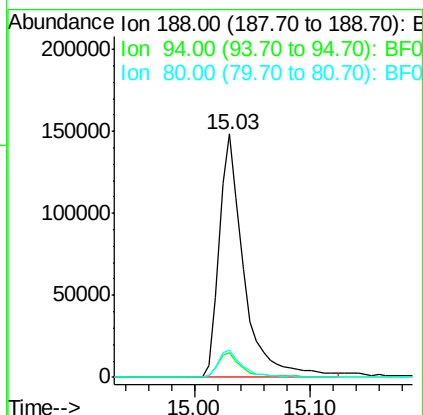
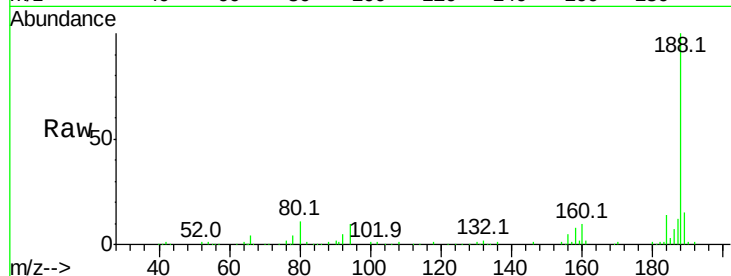




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 15.03 min Scan# 2226
 Delta R.T. 0.05 min
 Lab File: BF095136.D
 Acq: 15 May 2017 20:51

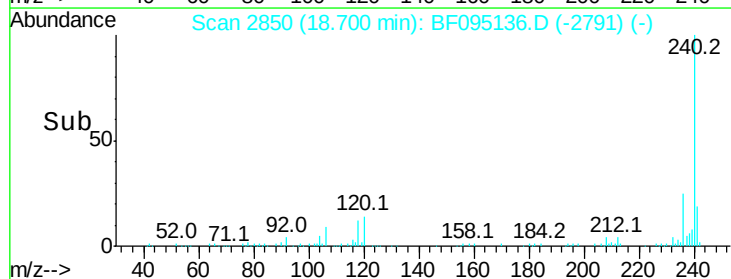
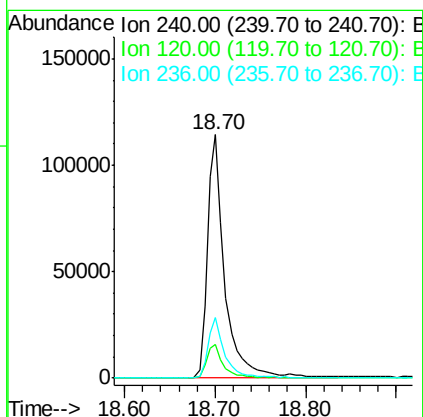
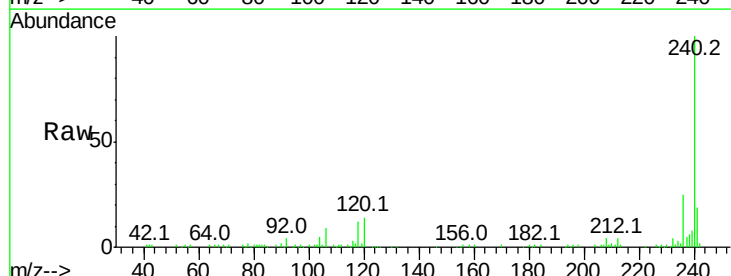
Instrument :
 BNA_F
 ClientSampleId :

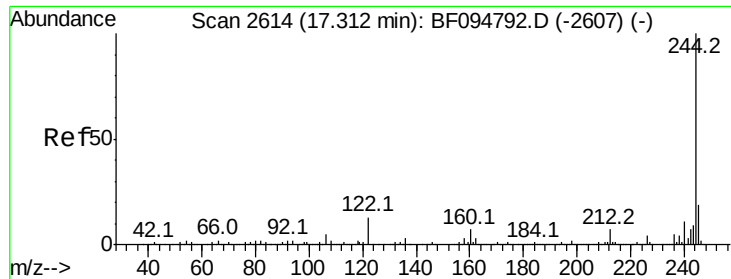
Tot Ion:188 Resp: 220541
 Ion Ratio Lower Upper
 188 100
 94 10.0 9.4 14.2
 80 11.0 10.2 15.2



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.70 min Scan# 2850
 Delta R.T. 0.05 min
 Lab File: BF095136.D
 Acq: 15 May 2017 20:51

Tgt Ion:240 Resp: 153894
 Ion Ratio Lower Upper
 240 100
 120 14.1 5.8 8.8#
 236 25.0 20.5 30.7

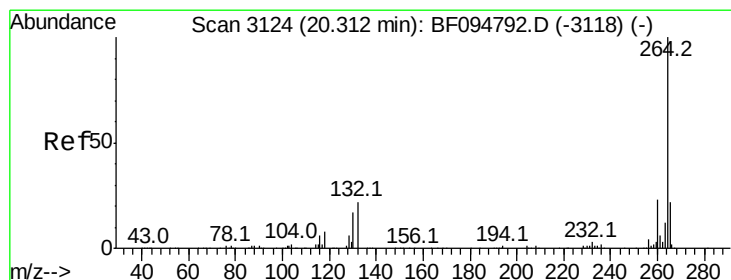
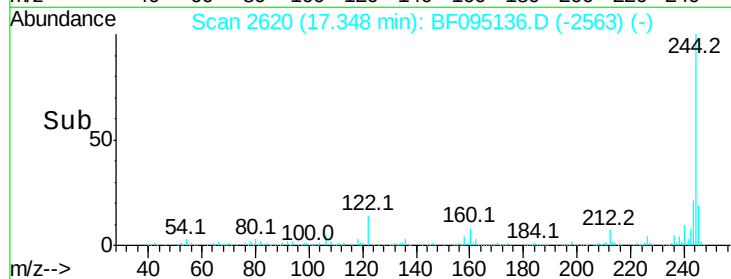
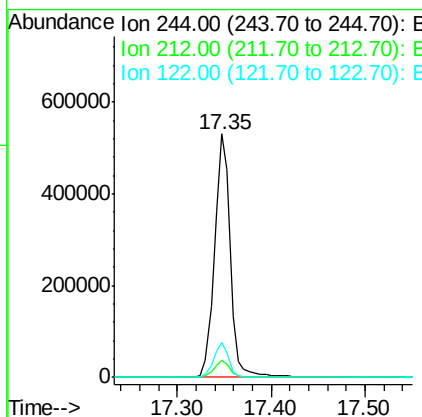
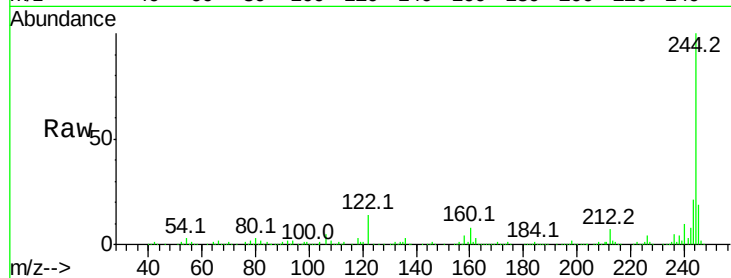




#78
 Terphenyl-d14
 Concen: 90.09 ng
 RT: 17.35 min Scan# 2620
 Delta R.T. 0.04 min
 Lab File: BF095136.D
 Acq: 15 May 2017 20:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 629484
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 14.2 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.37 min Scan# 3134
 Delta R.T. 0.06 min
 Lab File: BF095136.D
 Acq: 15 May 2017 20:51

Tgt Ion:264 Resp: 150906
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.5 29.3
 265 21.9 17.2 25.8

