

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050817\
 Data File : BF094991.D
 Acq On : 8 May 2017 21:09
 Operator : SJ/MA
 Sample : I3010-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-2

Quant Time: May 09 02:17:01 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

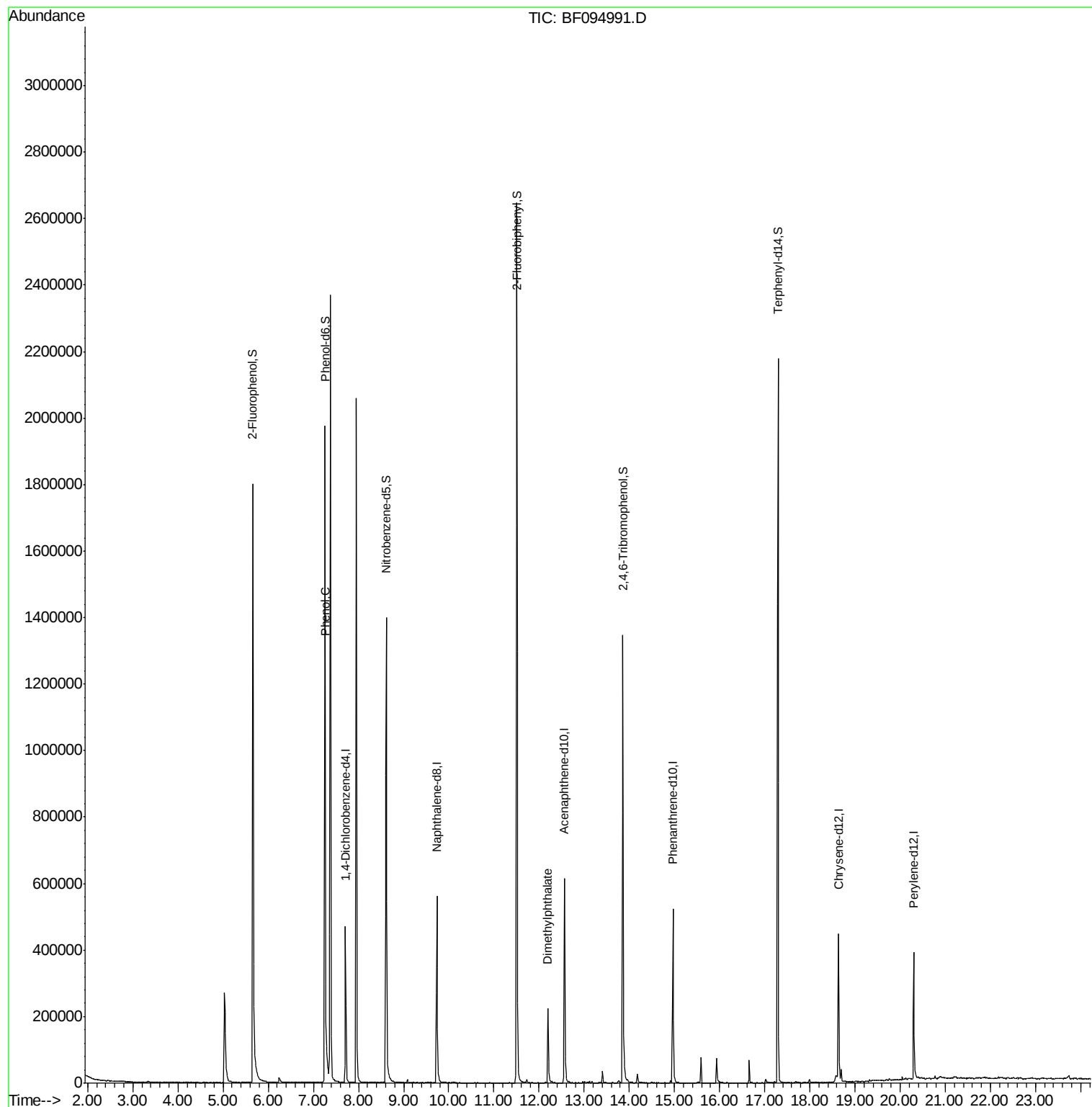
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	103213	20.00	ng	-0.02
21) Naphthalene-d8	9.74	136	419730	20.00	ng	-0.02
38) Acenaphthene-d10	12.56	164	187364	20.00	ng	-0.02
63) Phenanthrene-d10	14.97	188	299368	20.00	ng	-0.02
75) Chrysene-d12	18.64	240	216957	20.00	ng	-0.02
86) Perylene-d12	20.30	264	192100	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	876553	141.59	ng	-0.02
7) Phenol-d6	7.26	99	1131343	152.31	ng	-0.02
23) Nitrobenzene-d5	8.62	82	686658	103.16	ng	-0.02
41) 2,4,6-Tribromophenol	13.86	330	231021	150.56	ng	-0.02
44) 2-Fluorobiphenyl	11.51	172	1223045	93.96	ng	-0.02
78) Terphenyl-d14	17.29	244	915266	92.92	ng	-0.02
Target Compounds						
10) Phenol	7.27	94	19485	2.49	ng	85
49) Dimethylphthalate	12.19	163	151729	9.86	ng	99

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

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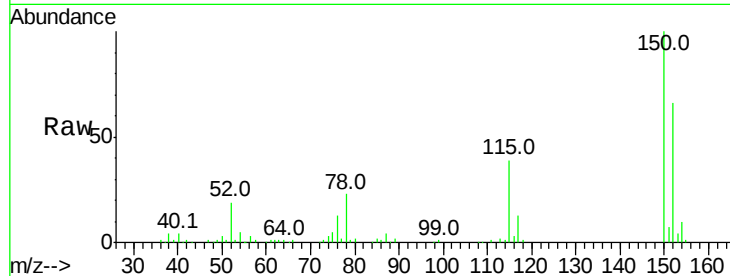


#1

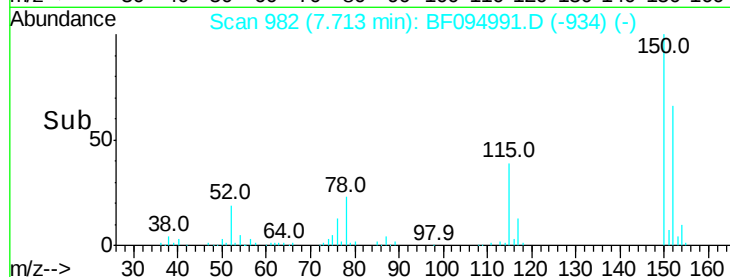
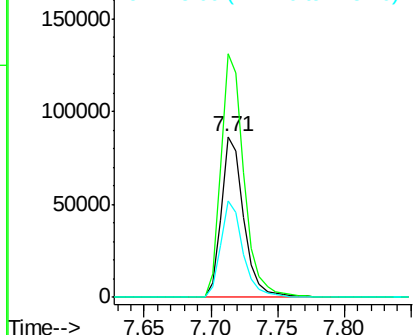
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.71 min Scan# 982
Delta R.T. -0.02 min
Lab File: BF094991.D
Acq: 8 May 2017 21:09

Instrument :
BNA_F
ClientSampleId :
S-2

Tot Ion:152 Resp: 103213
Ion Ratio Lower Upper
152 100
150 151.7 126.2 189.2
115 59.9 52.2 78.2



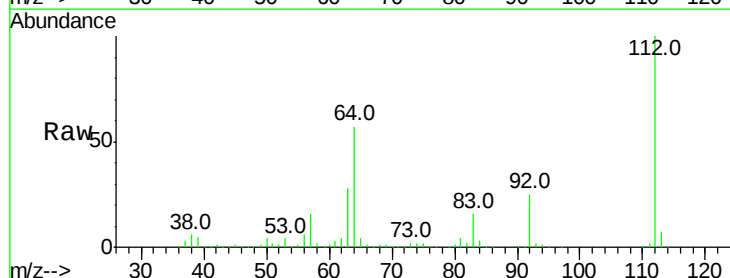
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



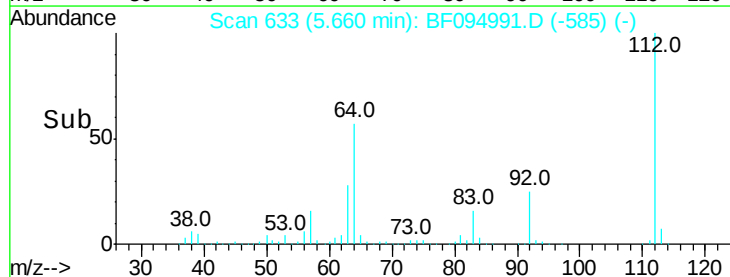
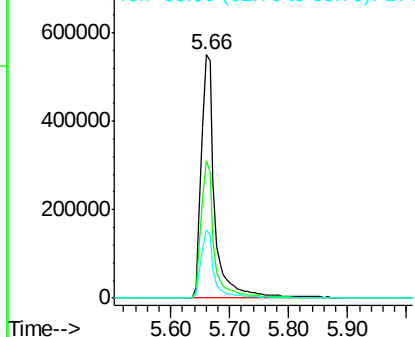
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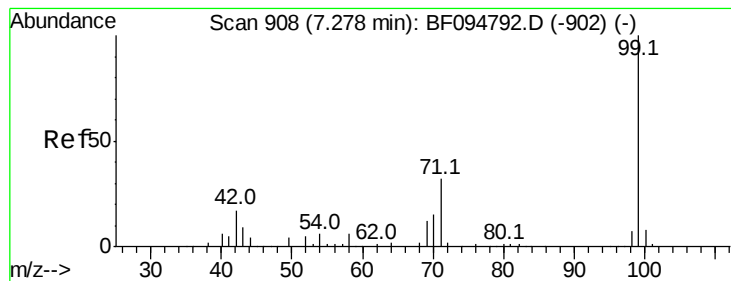
2-Fluorophenol
Concen: 141.59 ng
RT: 5.66 min Scan# 633
Delta R.T. -0.02 min
Lab File: BF094991.D
Acq: 8 May 2017 21:09

Tgt Ion:112 Resp: 876553
Ion Ratio Lower Upper
112 100
64 56.7 46.0 69.0
63 28.2 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: 152.31 ng

RT: 7.26 min Scan# 905

Delta R.T. -0.02 min

Lab File: BF094991.D

Acq: 8 May 2017 21:09

Instrument :

BNA_F

ClientSampled :

S-2

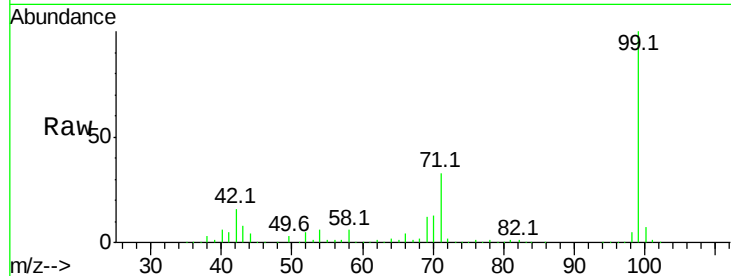
Tot Ion: 99 Resp: 1131343

Ion Ratio Lower Upper

99 100

42 16.2 13.5 20.3

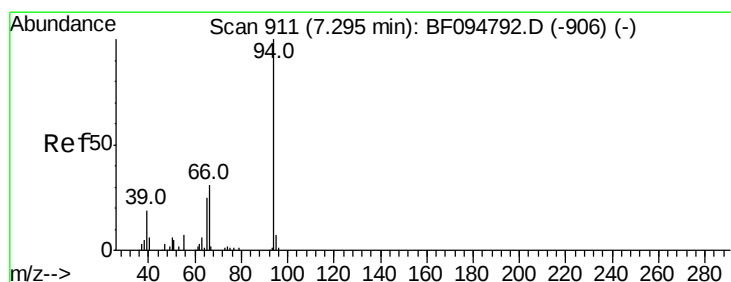
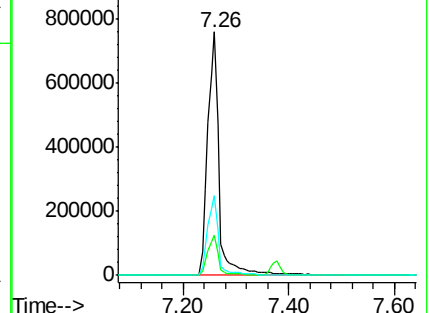
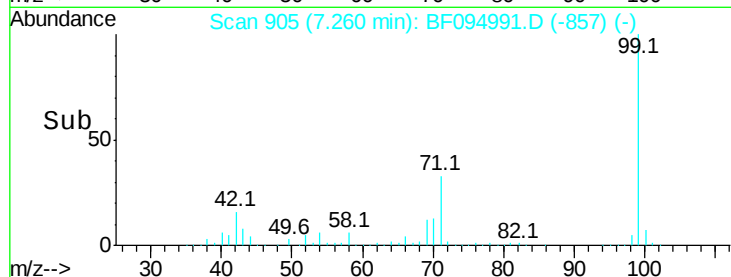
71 32.9 24.5 36.7



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: 2.49 ng

RT: 7.27 min Scan# 907

Delta R.T. -0.02 min

Lab File: BF094991.D

Acq: 8 May 2017 21:09

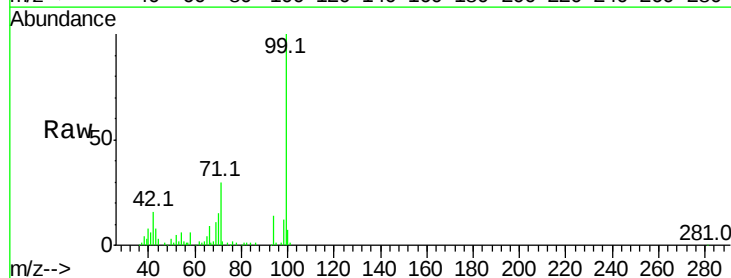
Tgt Ion: 94 Resp: 19485

Ion Ratio Lower Upper

94 100

65 29.9 9.9 49.9

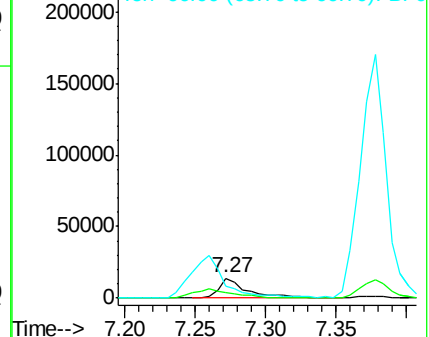
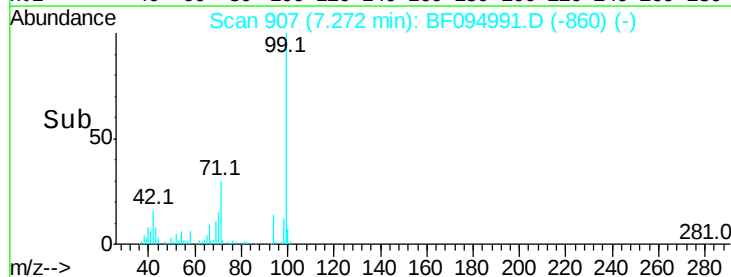
66 59.3 23.1 63.1



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

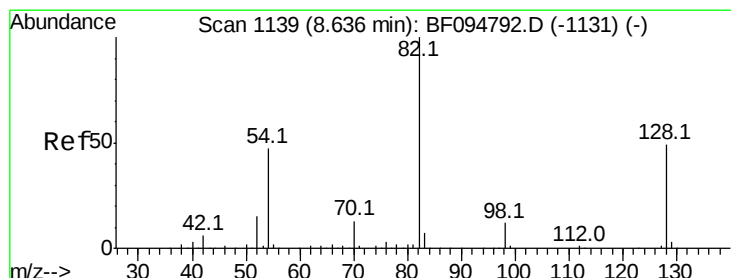
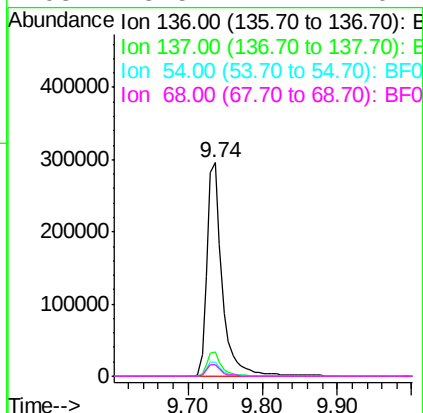
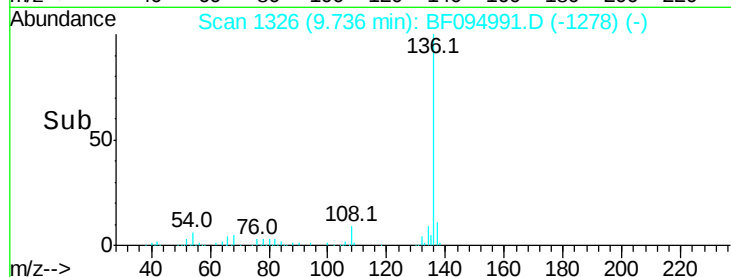
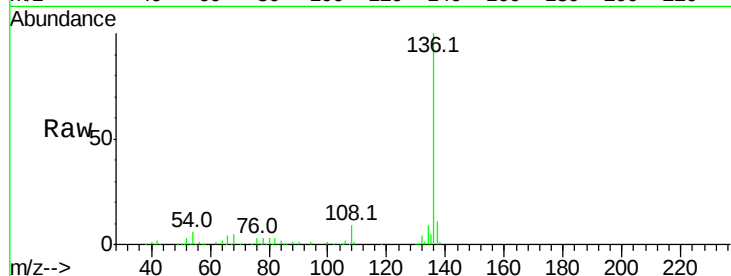




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.74 min Scan# 1326
Delta R.T. -0.02 min
Lab File: BF094991.D
Acq: 8 May 2017 21:09

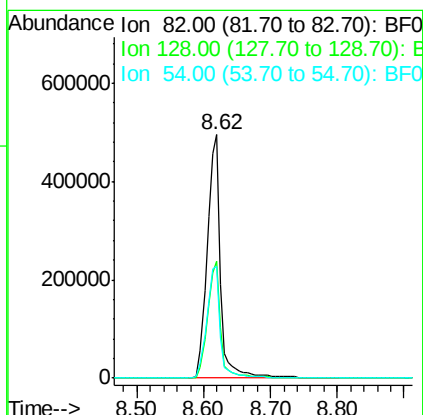
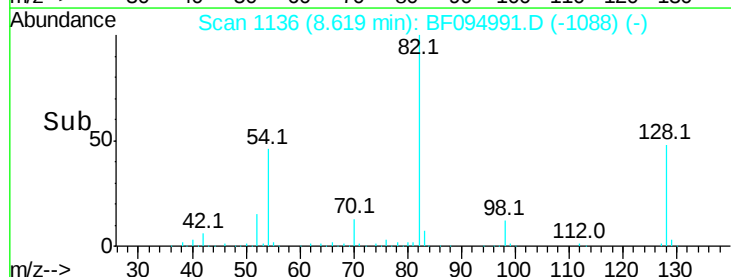
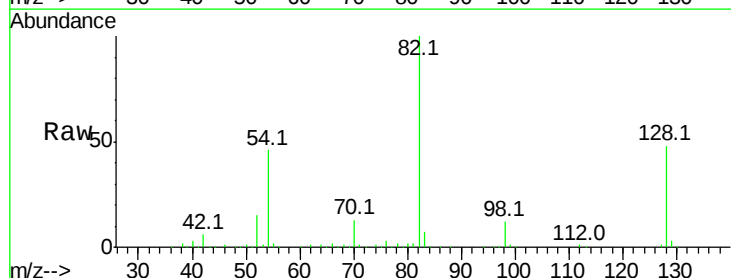
Instrument :
BNA_F
ClientSampleId :
S-2

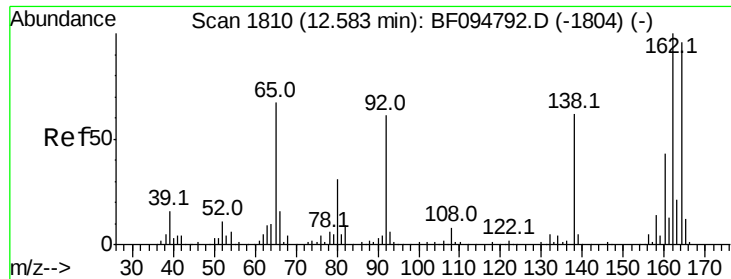
Tot Ion:136	Resp:	419730
Ion	Ratio	Lower Upper
136	100	
137	11.3	8.5 12.7
54	6.3	4.9 7.3
68	5.5	4.1 6.1



#23
Nitrobenzene-d5
Concen: 103.16 ng
RT: 8.62 min Scan# 1136
Delta R.T. -0.02 min
Lab File: BF094991.D
Acq: 8 May 2017 21:09

Tgt Ion: 82	Resp:	686658
Ion	Ratio	Lower Upper
82	100	
128	48.1	34.0 51.0
54	45.9	42.2 63.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.56 min Scan# 1806

Delta R.T. -0.02 min

Lab File: BF094991.D

Acq: 8 May 2017 21:09

Instrument :

BNA_F

ClientSampleId :

S-2

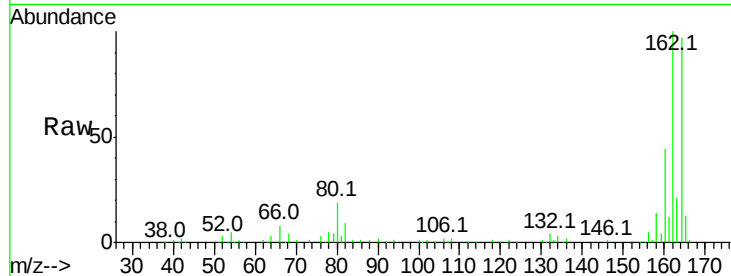
Tot Ion:164 Resp: 187364

Ion Ratio Lower Upper

164 100

162 103.3 82.6 123.8

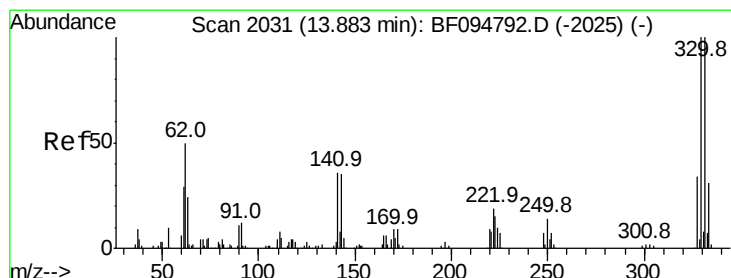
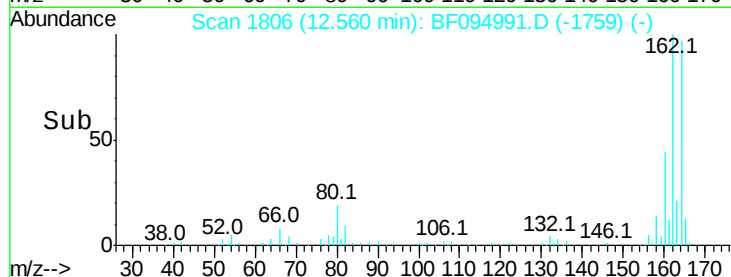
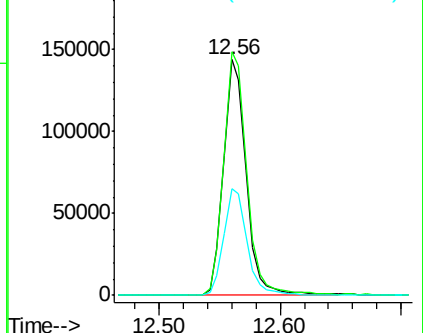
160 45.3 36.2 54.2



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: 150.56 ng

RT: 13.86 min Scan# 2027

Delta R.T. -0.02 min

Lab File: BF094991.D

Acq: 8 May 2017 21:09

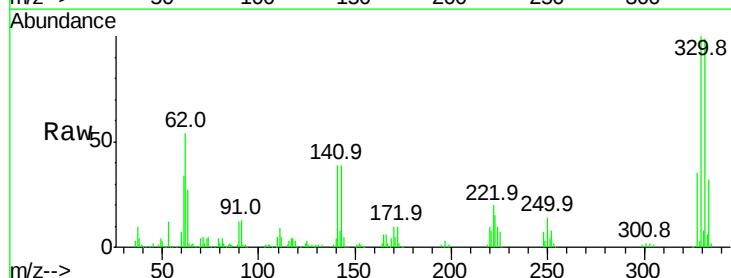
Tgt Ion:330 Resp: 231021

Ion Ratio Lower Upper

330 100

332 95.6 76.6 115.0

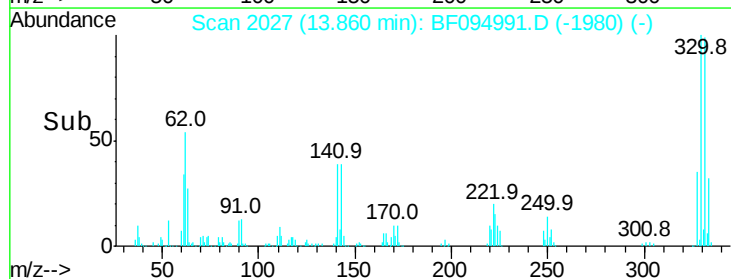
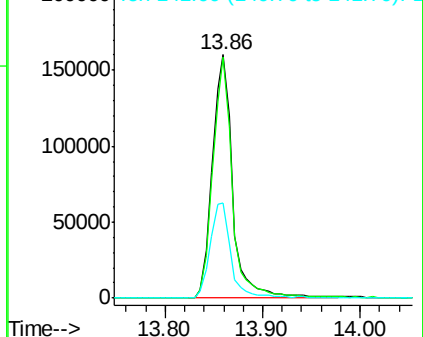
141 40.3 31.4 47.2

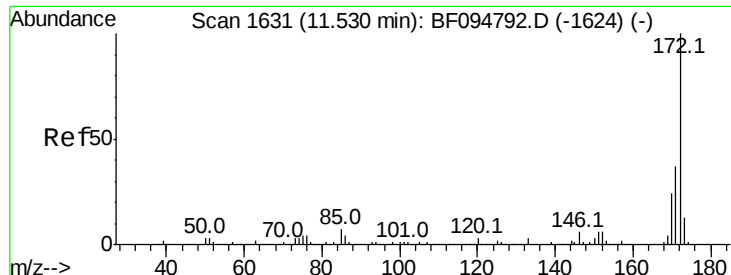


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



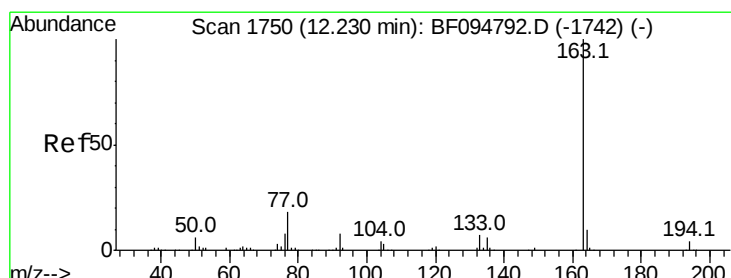
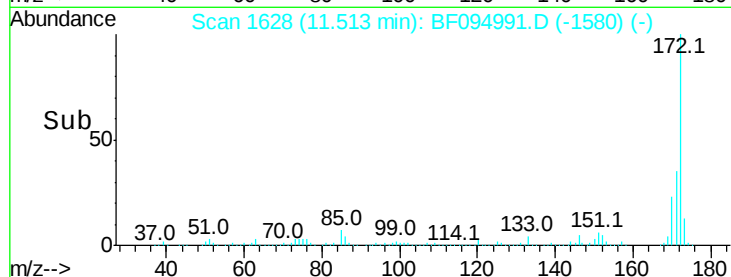
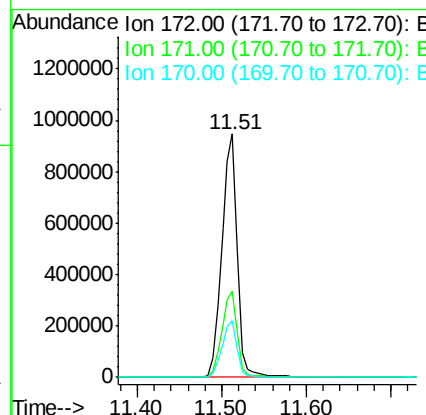
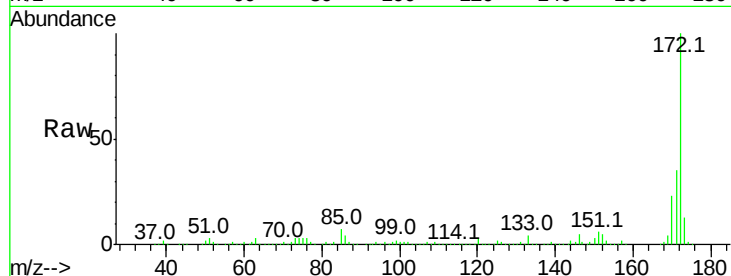


#44
 2-Fluorobiphenyl
 Concen: 93.96 ng
 RT: 11.51 min Scan# 1628
 Delta R.T. -0.02 min
 Lab File: BF094991.D
 Acq: 8 May 2017 21:09

Instrument :
 BNA_F
 ClientSampleId :
 S-2

Tot Ion:172 Resp: 1223045

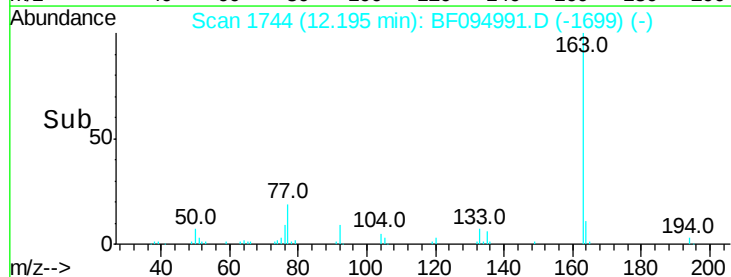
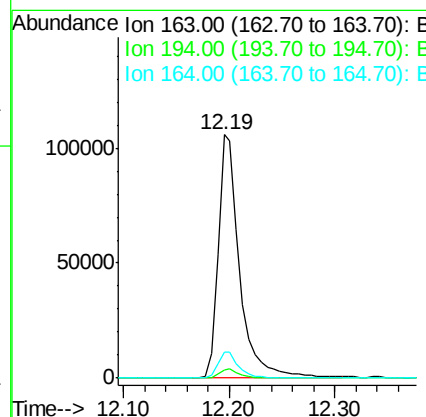
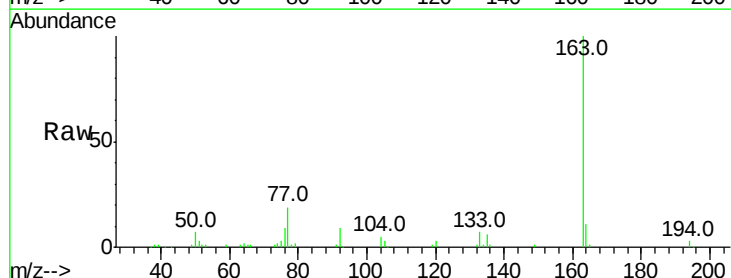
Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.6	44.4
170	23.1	19.8	29.8



#49
 Dimethylphthalate
 Concen: 9.86 ng
 RT: 12.19 min Scan# 1744
 Delta R.T. -0.04 min
 Lab File: BF094991.D
 Acq: 8 May 2017 21:09

Tgt Ion:163 Resp: 151729

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.6	4.0
164	10.9	8.4	12.6

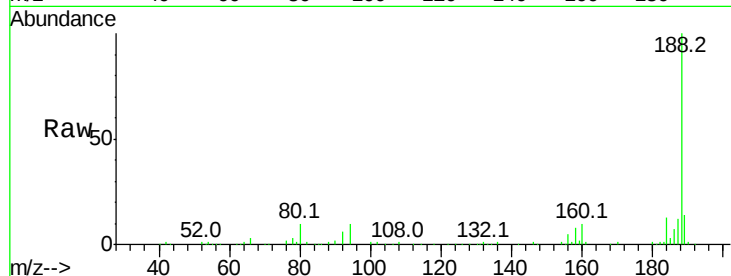




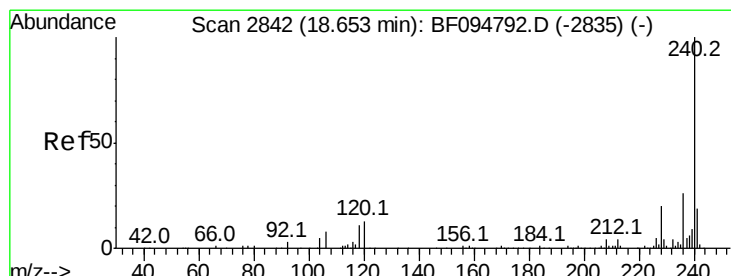
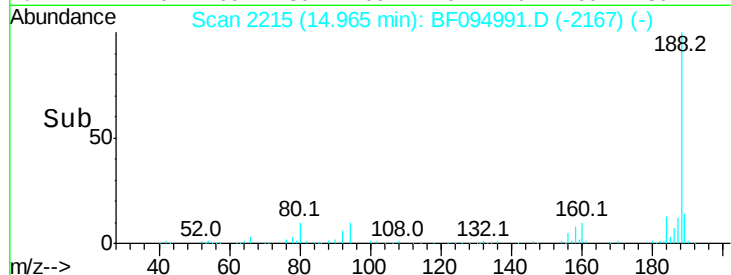
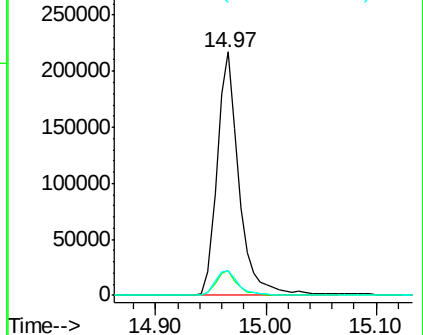
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.97 min Scan# 2215
Delta R.T. -0.02 min
Lab File: BF094991.D
Acq: 8 May 2017 21:09

Instrument :
BNA_F
ClientSampled :
S-2

Tot Ion:188 Resp: 299368
Ion Ratio Lower Upper
188 100
94 10.1 9.4 14.2
80 10.1 10.2 15.2#

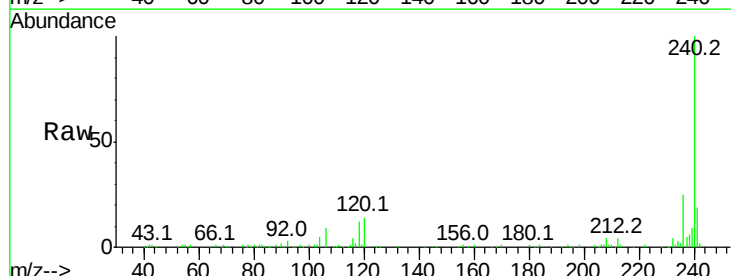


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

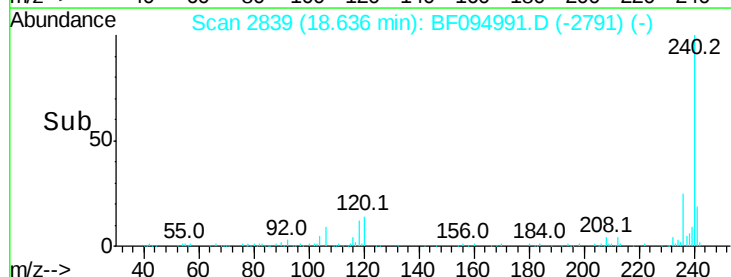
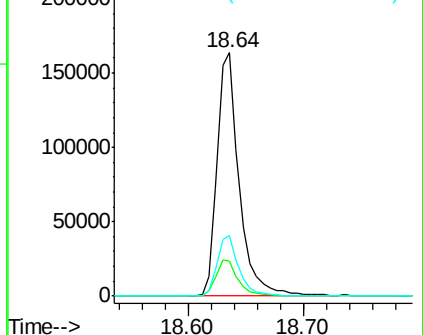


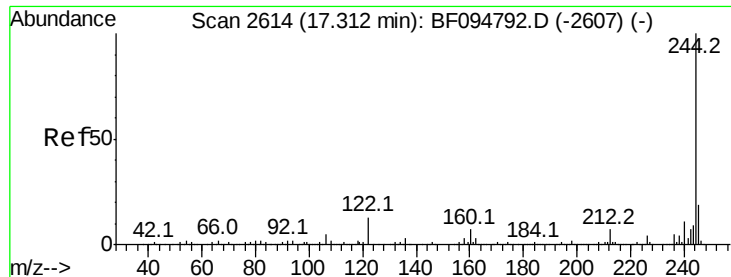
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.64 min Scan# 2839
Delta R.T. -0.02 min
Lab File: BF094991.D
Acq: 8 May 2017 21:09

Tgt Ion:240 Resp: 216957
Ion Ratio Lower Upper
240 100
120 14.2 5.8 8.8#
236 24.7 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

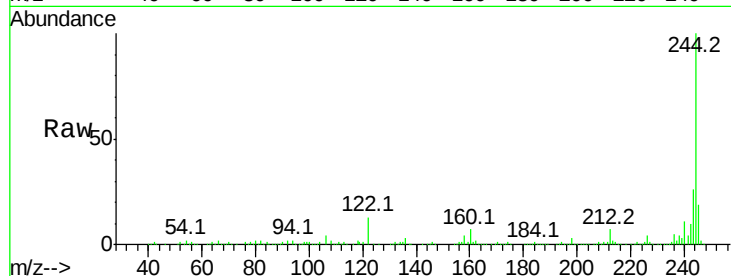




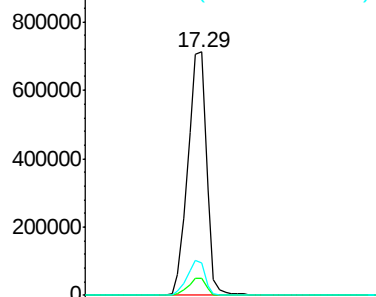
#78
 Terphenyl-d14
 Concen: 92.92 ng
 RT: 17.29 min Scan# 2611
 Delta R.T. -0.02 min
 Lab File: BF094991.D
 Acq: 8 May 2017 21:09

Instrument :
 BNA_F
 ClientSampleId :
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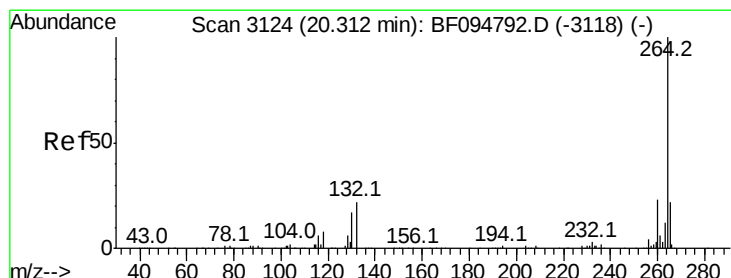
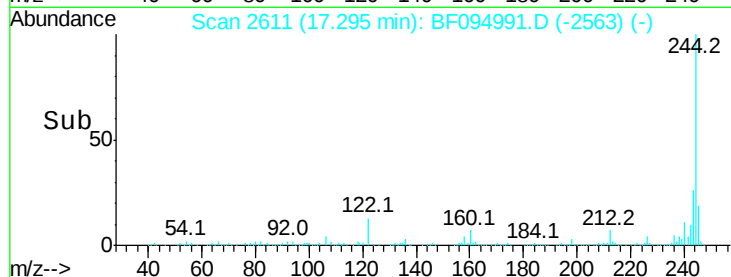
Tot Ion:244 Resp: 915266
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 13.3 10.3 15.5



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

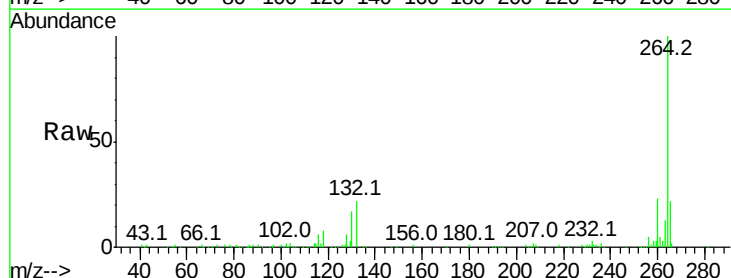


Time--> 17.20 17.30 17.40

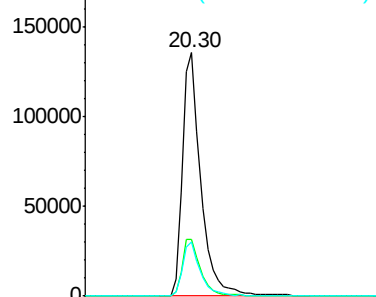


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.30 min Scan# 3122
 Delta R.T. -0.01 min
 Lab File: BF094991.D
 Acq: 8 May 2017 21:09

Tgt Ion:264 Resp: 192100
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.5 29.3
 265 22.0 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



Time--> 20.20 20.30 20.40

