

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050917\
 Data File : BF095037.D
 Acq On : 9 May 2017 23:20
 Operator : SJ/MA
 Sample : I3035-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TANK-265563

Quant Time: May 10 02:21:22 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

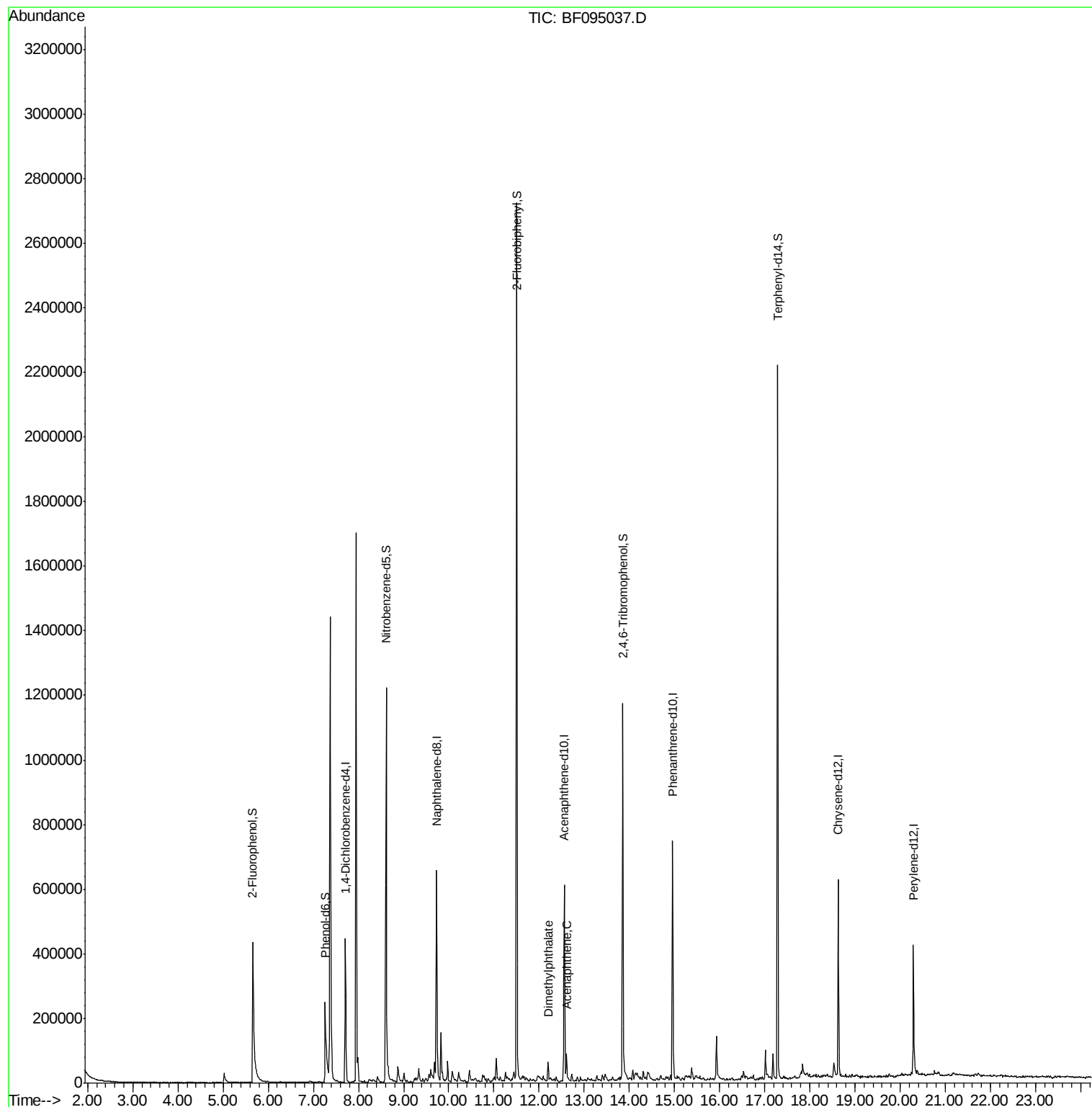
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	99138	20.00	ng	-0.02
21) Naphthalene-d8	9.73	136	416377	20.00	ng	-0.02
38) Acenaphthene-d10	12.56	164	174648	20.00	ng	-0.02
63) Phenanthrene-d10	14.96	188	351575	20.00	ng	-0.02
75) Chrysene-d12	18.63	240	268207	20.00	ng	-0.02
86) Perylene-d12	20.29	264	183739	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	308478	51.88	ng	-0.02
7) Phenol-d6	7.26	99	238457	33.42	ng	-0.02
23) Nitrobenzene-d5	8.61	82	563136	85.28	ng	-0.02
41) 2,4,6-Tribromophenol	13.86	330	196270	137.22	ng	-0.02
44) 2-Fluorobiphenyl	11.51	172	1156015	95.27	ng	-0.02
78) Terphenyl-d14	17.29	244	855523	70.26	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	12.20	163	32854	2.29	ng	99
51) Acenaphthene	12.61	154	24059	2.17	ng	97

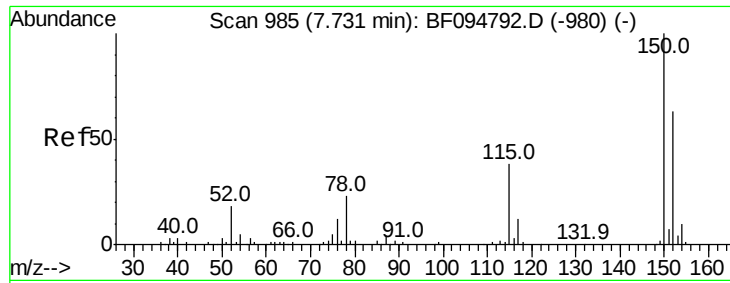
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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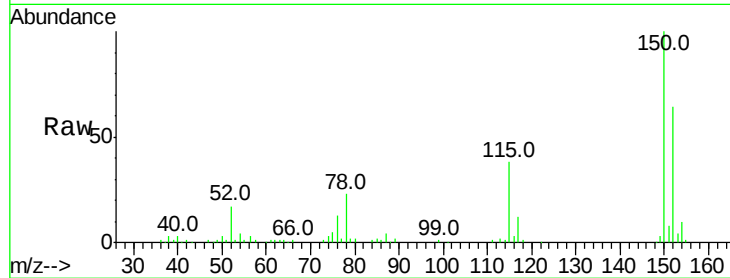


#1

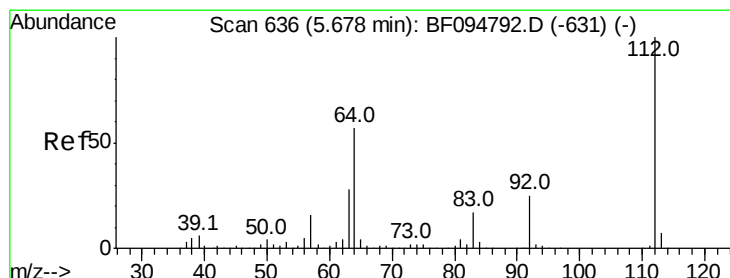
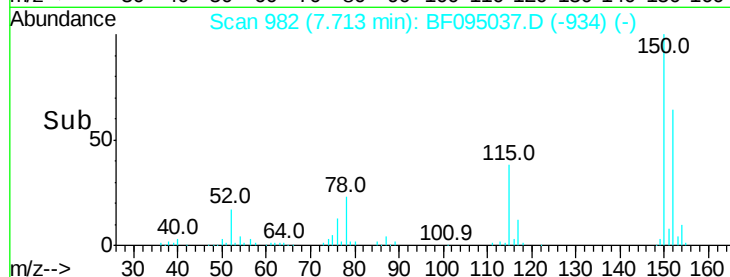
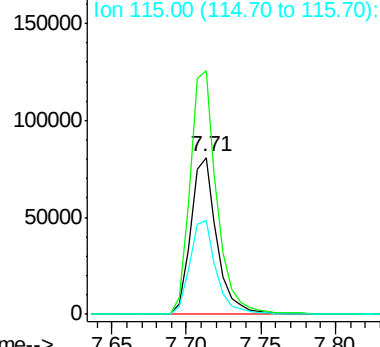
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.71 min Scan# 982
Delta R.T. -0.02 min
Lab File: BF095037.D
Acq: 9 May 2017 23:20

Instrument :
BNA_F
ClientSampleId :
TANK-265563

Tot Ion:152 Resp: 99138
Ion Ratio Lower Upper
152 100
150 155.1 126.2 189.2
115 59.5 52.2 78.2



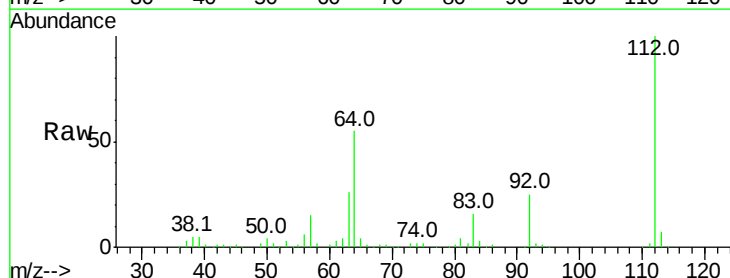
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



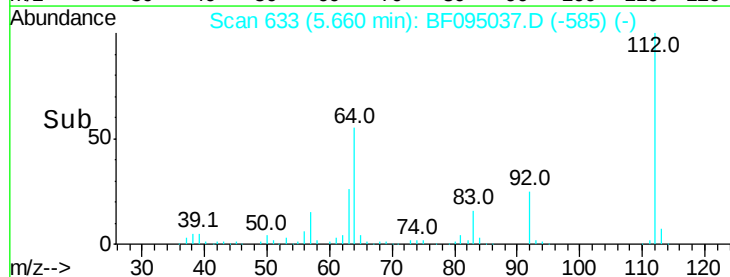
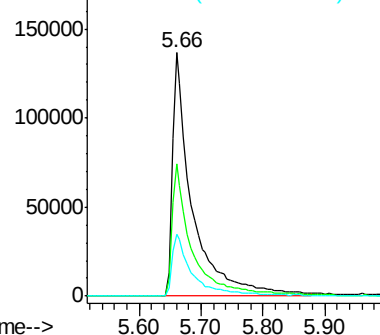
#5

2-Fluorophenol
Concen: 51.88 ng
RT: 5.66 min Scan# 633
Delta R.T. -0.02 min
Lab File: BF095037.D
Acq: 9 May 2017 23:20

Tgt Ion:112 Resp: 308478
Ion Ratio Lower Upper
112 100
64 54.6 46.0 69.0
63 25.6 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: 33.42 ng

RT: 7.26 min Scan# 905

Delta R.T. -0.02 min

Lab File: BF095037.D

Acq: 9 May 2017 23:20

Instrument :

BNA_F

ClientSampleId :

TANK-265563

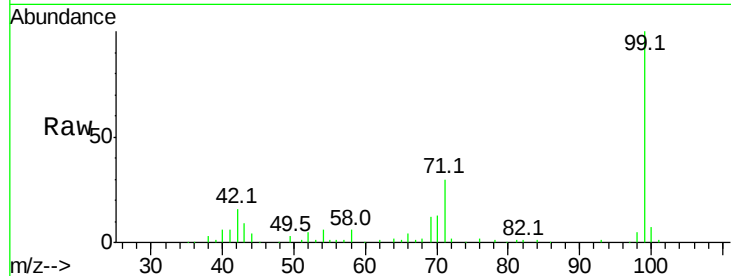
Tot Ion: 99 Resp: 238457

Ion Ratio Lower Upper

99 100

42 16.3 13.5 20.3

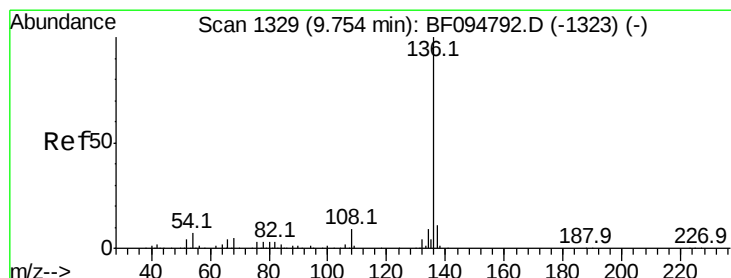
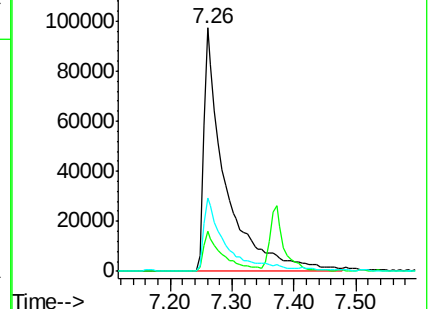
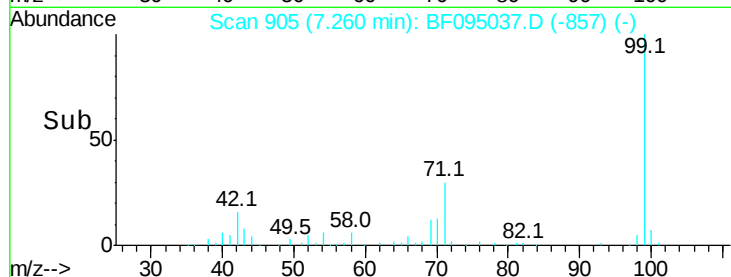
71 30.3 24.5 36.7



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.73 min Scan# 1325

Delta R.T. -0.02 min

Lab File: BF095037.D

Acq: 9 May 2017 23:20

Tgt Ion: 136 Resp: 416377

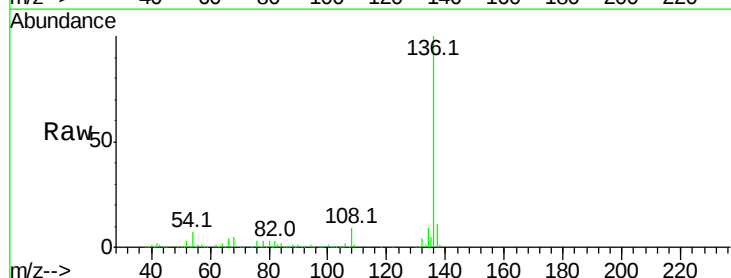
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 6.7 4.9 7.3

68 5.0 4.1 6.1

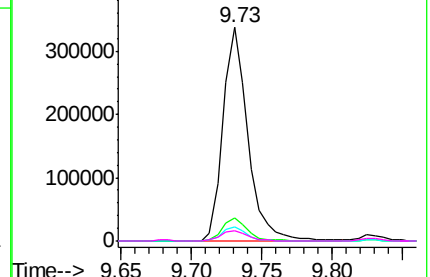
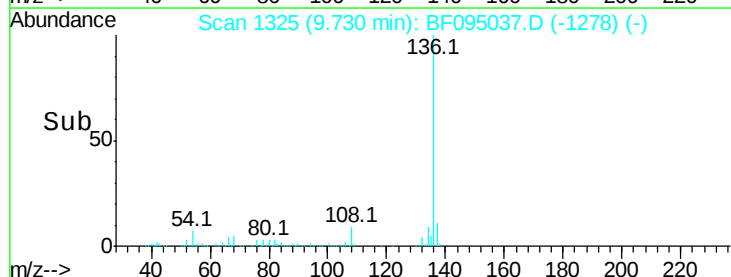


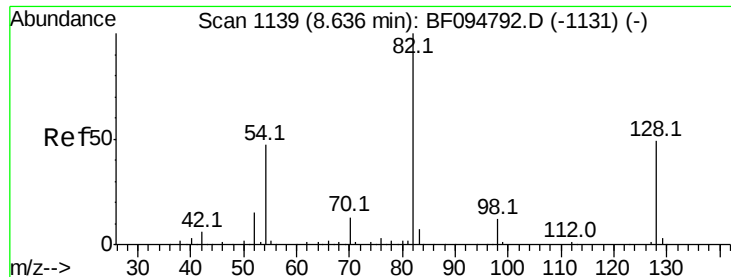
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

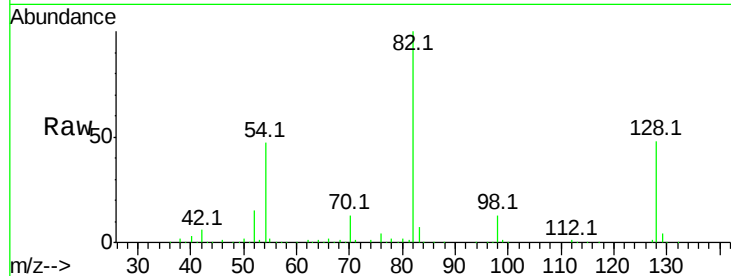




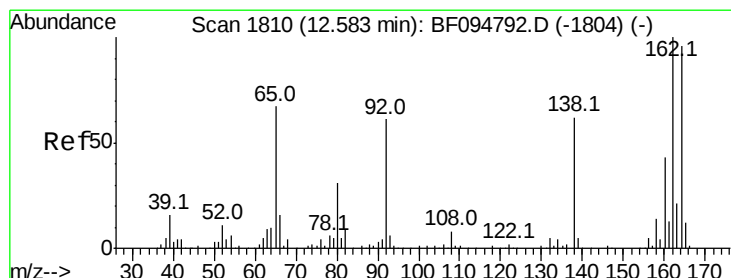
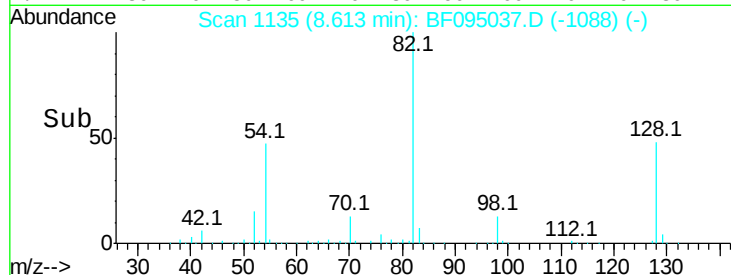
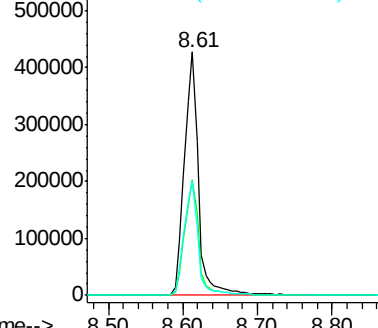
#23
Nitrobenzene-d5
Concen: 85.28 ng
RT: 8.61 min Scan# 1135
Delta R.T. -0.02 min
Lab File: BF095037.D
Acq: 9 May 2017 23:20

Instrument :
BNA_F
ClientSampleId :
TANK-265563

Tot Ion: 82 Resp: 563136
Ion Ratio Lower Upper
82 100
128 47.7 34.0 51.0
54 46.8 42.2 63.2

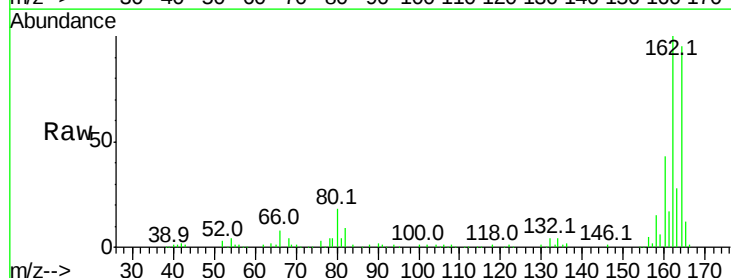


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

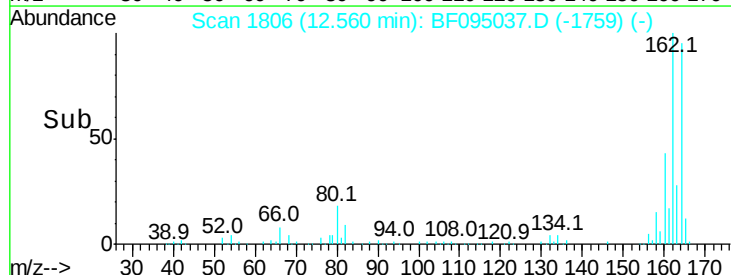
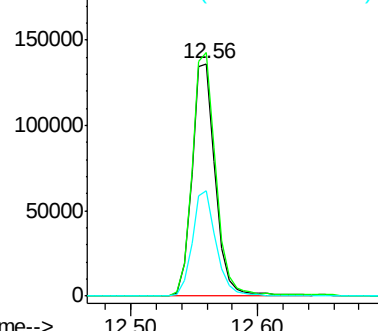


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.56 min Scan# 1806
Delta R.T. -0.02 min
Lab File: BF095037.D
Acq: 9 May 2017 23:20

Tgt Ion: 164 Resp: 174648
Ion Ratio Lower Upper
164 100
162 104.9 82.6 123.8
160 45.5 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

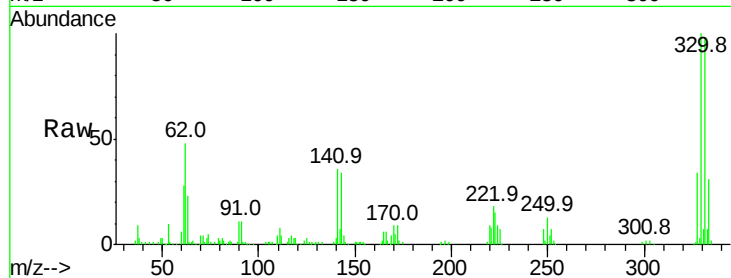




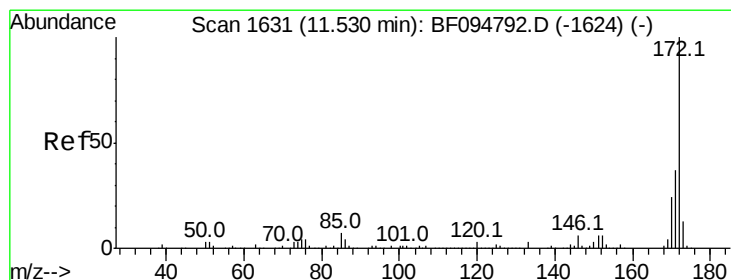
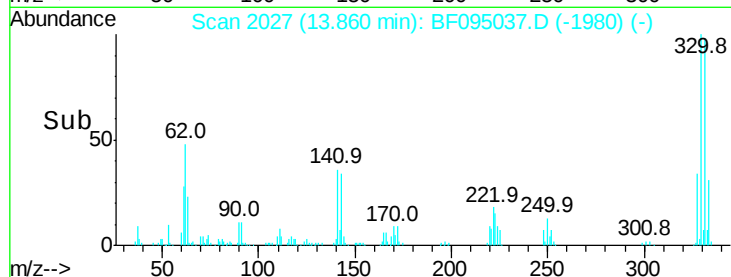
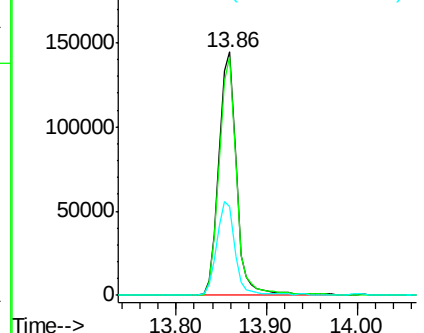
#41
 2,4,6-Tribromophenol
 Concen: 137.22 ng
 RT: 13.86 min Scan# 2027
 Delta R.T. -0.02 min
 Lab File: BF095037.D
 Acq: 9 May 2017 23:20

Instrument :
 BNA_F
 ClientSampleId :
 TANK-265563

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.6	115.0
141	39.9	31.4	47.2

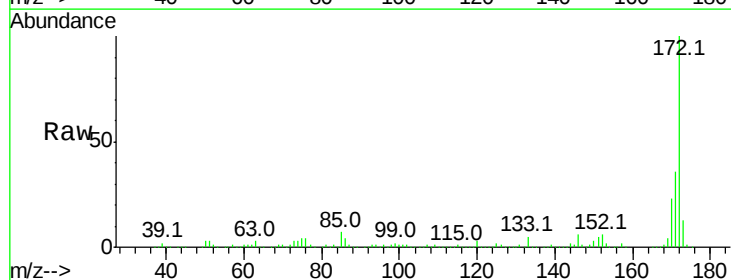


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

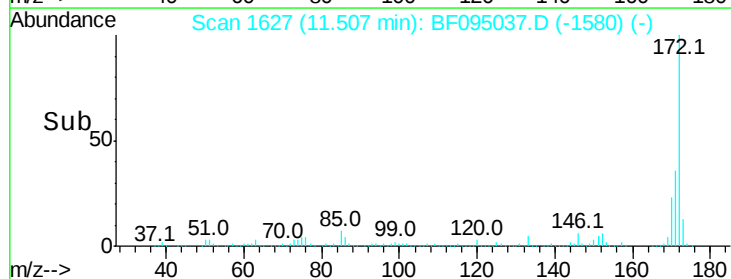
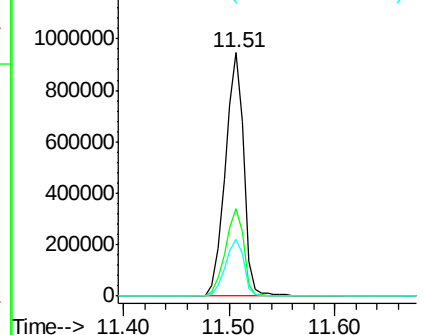


#44
 2-Fluorobiphenyl
 Concen: 95.27 ng
 RT: 11.51 min Scan# 1627
 Delta R.T. -0.02 min
 Lab File: BF095037.D
 Acq: 9 May 2017 23:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	23.4	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: 2.29 ng

RT: 12.20 min Scan# 1745

Delta R.T. -0.03 min

Lab File: BF095037.D

Acq: 9 May 2017 23:20

Instrument :

BNA_F

ClientSampleId :

TANK-265563

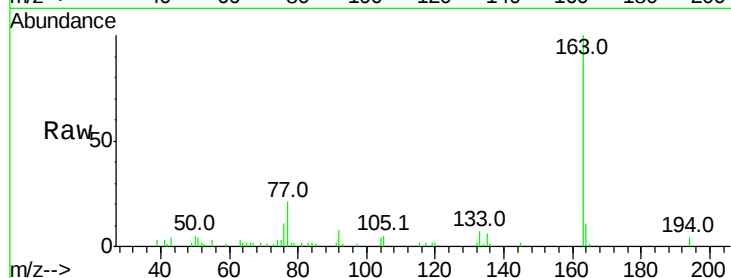
Tot Ion:163 Resp: 32854

Ion Ratio Lower Upper

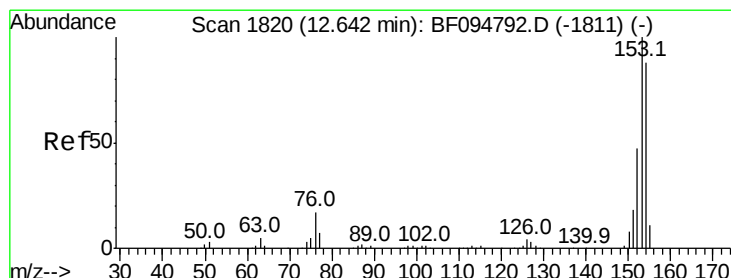
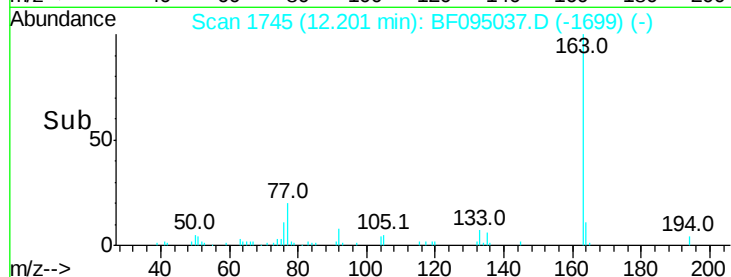
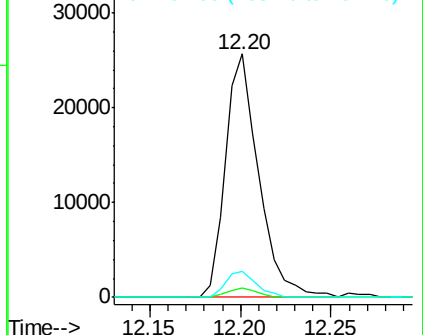
163 100

194 3.7 2.6 4.0

164 10.8 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



#51

Acenaphthene

Concen: 2.17 ng

RT: 12.61 min Scan# 1814

Delta R.T. -0.04 min

Lab File: BF095037.D

Acq: 9 May 2017 23:20

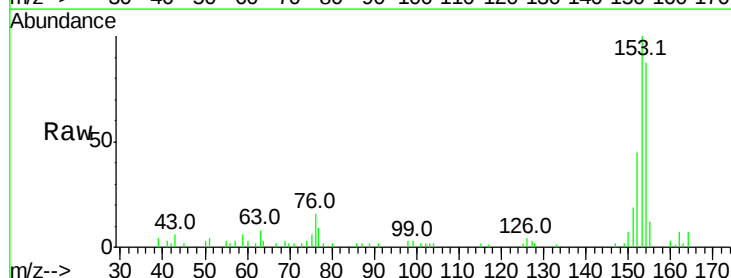
Tgt Ion:154 Resp: 24059

Ion Ratio Lower Upper

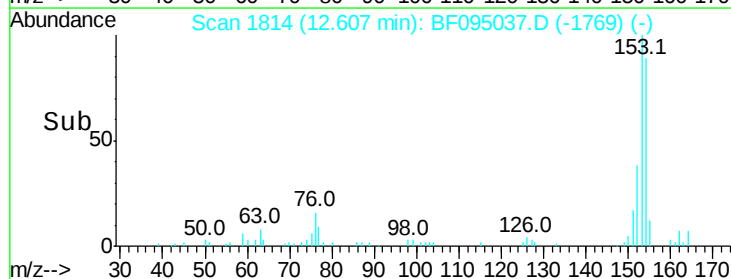
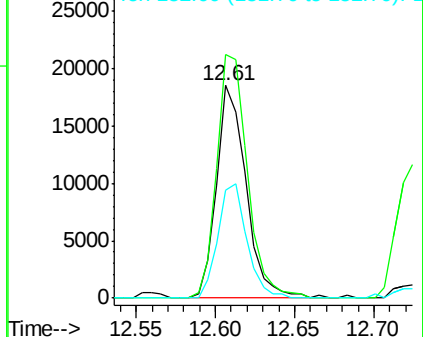
154 100

153 114.6 90.5 135.7

152 51.0 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

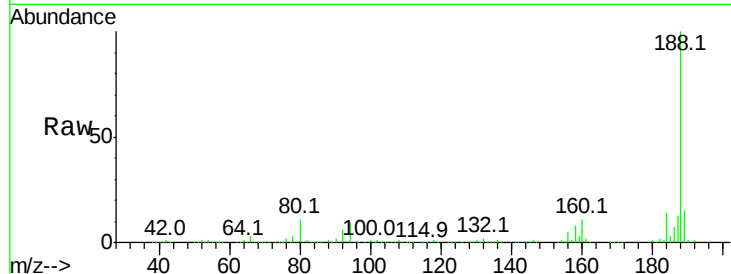




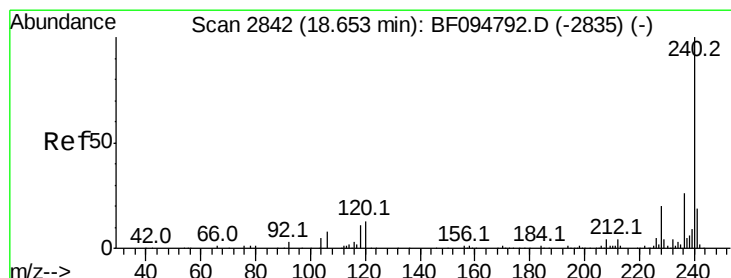
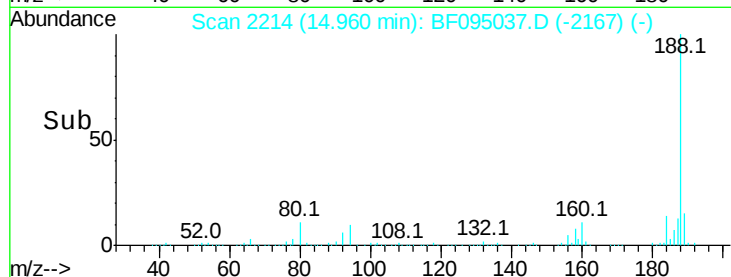
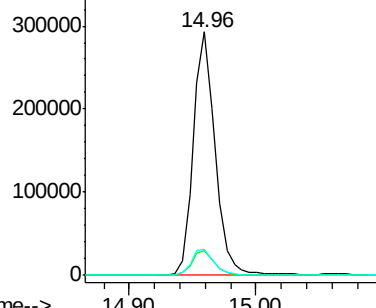
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.96 min Scan# 2214
Delta R.T. -0.02 min
Lab File: BF095037.D
Acq: 9 May 2017 23:20

Instrument :
BNA_F
ClientSampleId :
TANK-265563

Tot Ion	Ratio	Lower	Upper
188	100		
94	10.1	9.4	14.2
80	10.8	10.2	15.2

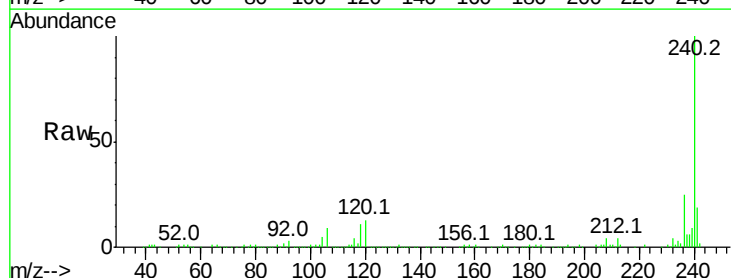


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

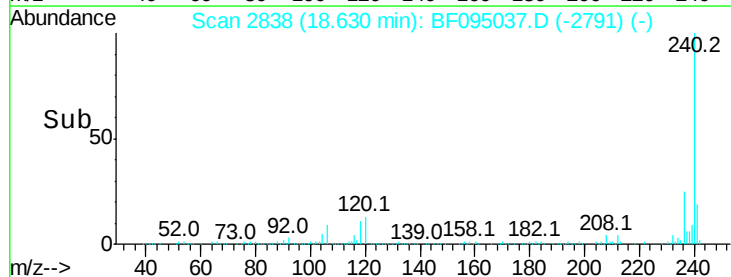
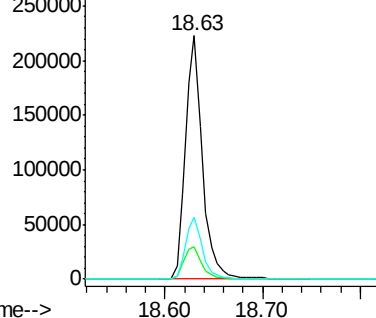


#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.63 min Scan# 2838
Delta R.T. -0.02 min
Lab File: BF095037.D
Acq: 9 May 2017 23:20

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.2	5.8	8.8#
236	25.4	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

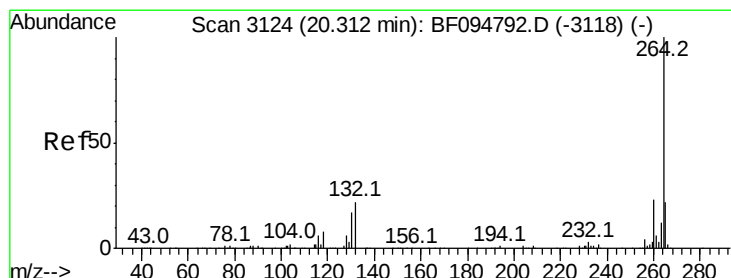
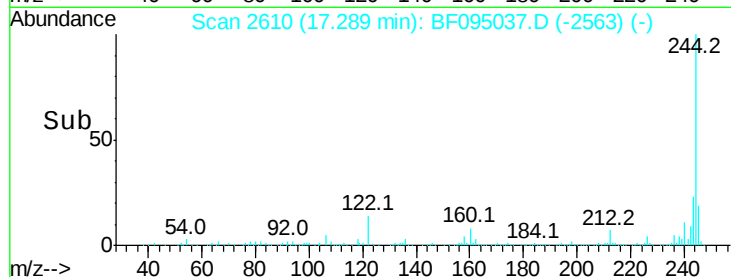
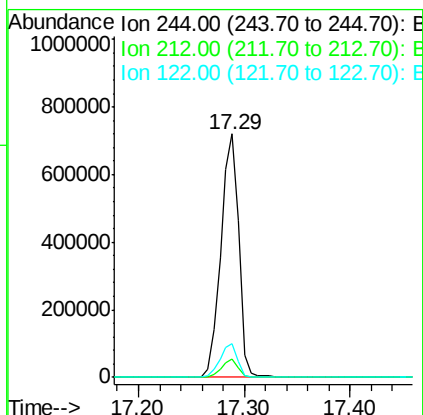
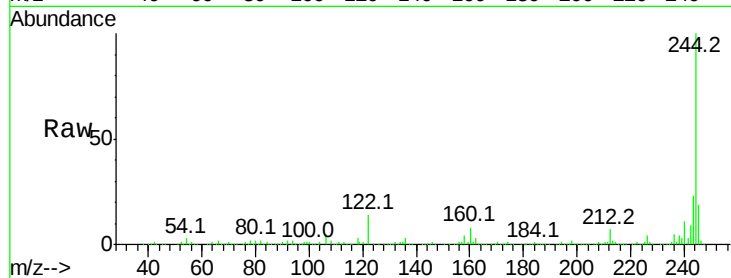




#78
 Terphenyl-d14
 Concen: 70.26 ng
 RT: 17.29 min Scan# 2610
 Delta R.T. -0.02 min
 Lab File: BF095037.D
 Acq: 9 May 2017 23:20

Instrument :
 BNA_F
 ClientSampleId :
 TANK-265563

Tot Ion:244 Resp: 855523
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 14.0 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.29 min Scan# 3121
 Delta R.T. -0.02 min
 Lab File: BF095037.D
 Acq: 9 May 2017 23:20

Tgt Ion:264 Resp: 183739
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.5 29.3
 265 21.7 17.2 25.8

