

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050917\
 Data File : BF095027.D
 Acq On : 9 May 2017 17:58
 Operator : SJ/MA
 Sample : PB98769BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB98769BL

Quant Time: May 10 01:40:55 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	93057	20.00	ng	-0.02
21) Naphthalene-d8	9.73	136	388807	20.00	ng	-0.02
38) Acenaphthene-d10	12.56	164	184858	20.00	ng	-0.02
63) Phenanthrene-d10	14.96	188	319140	20.00	ng	-0.02
75) Chrysene-d12	18.63	240	291401	20.00	ng	-0.02
86) Perylene-d12	20.29	264	219205	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	736160	131.89	ng	-0.02
7) Phenol-d6	7.25	99	880640	131.50	ng	-0.02
23) Nitrobenzene-d5	8.61	82	497268	80.65	ng	-0.03
41) 2,4,6-Tribromophenol	13.85	330	187285	123.71	ng	-0.03
44) 2-Fluorobiphenyl	11.51	172	1017154	79.20	ng	-0.02
78) Terphenyl-d14	17.29	244	937667	70.87	ng	-0.02

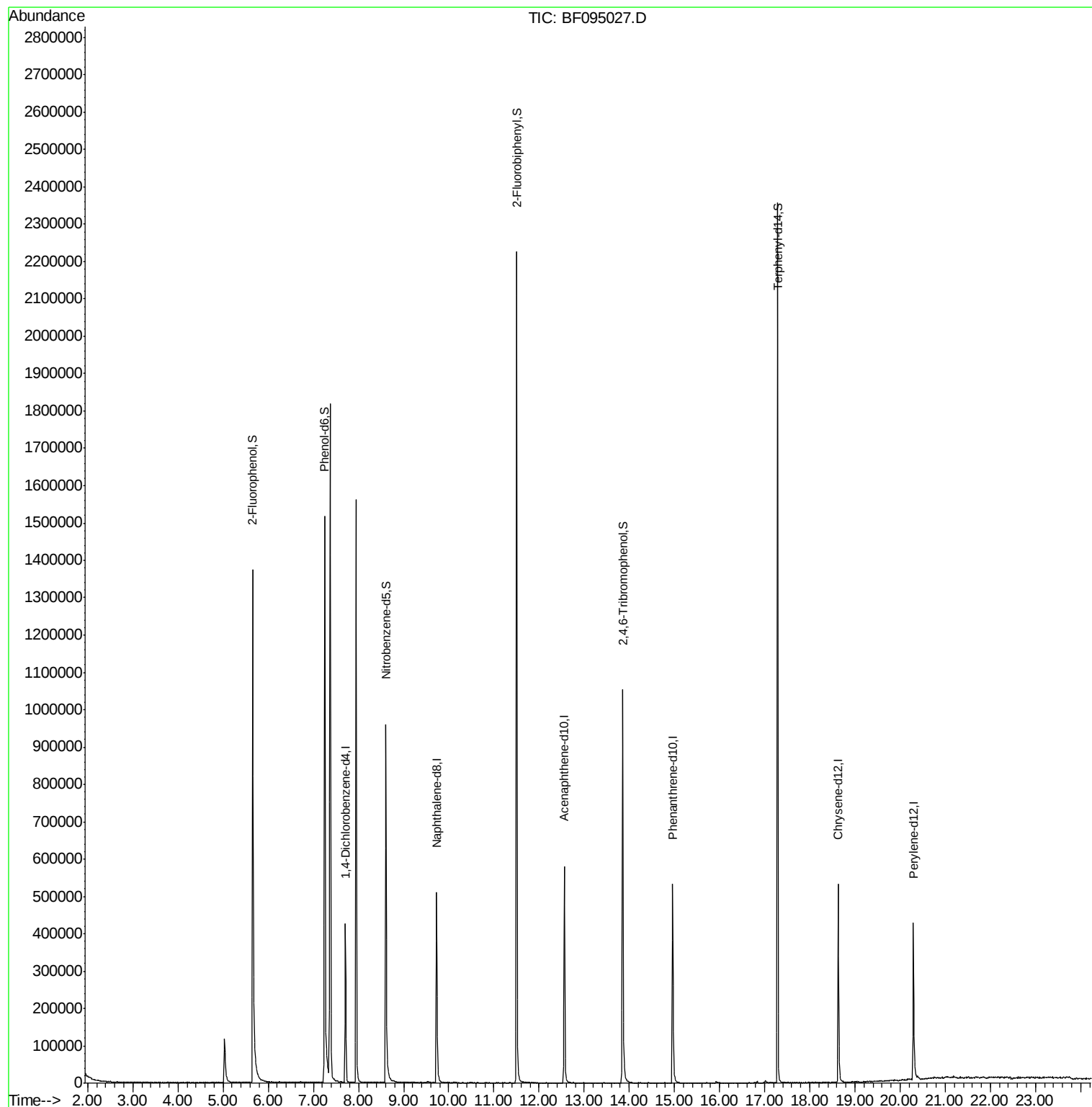
Target Compounds Qvalue

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

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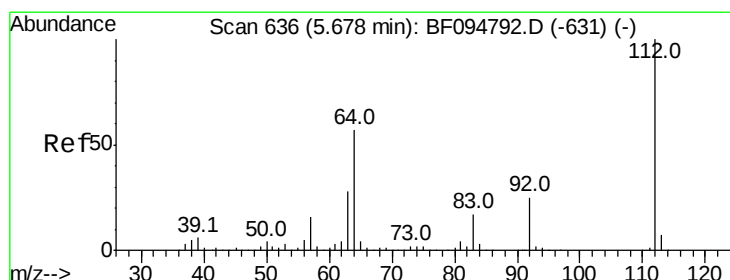
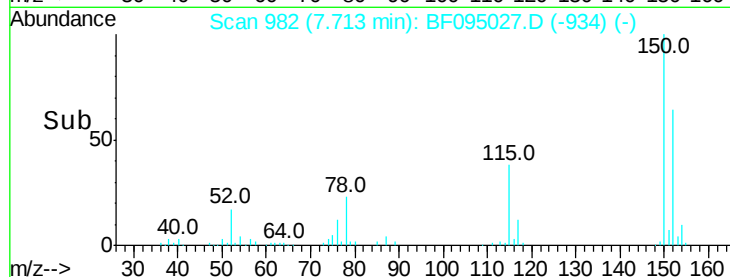
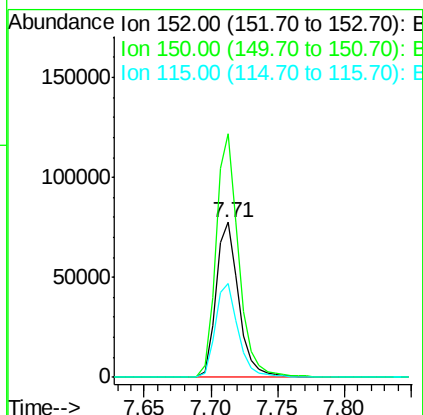
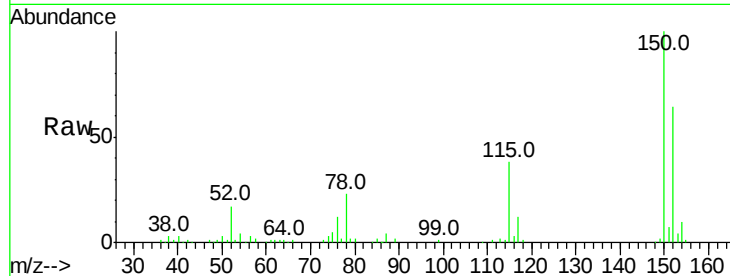


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.71 min Scan# 982
Delta R.T. -0.02 min
Lab File: BF095027.D
Acq: 9 May 2017 17:58

Instrument :
BNA_F
ClientSampleId :
PB98769BL

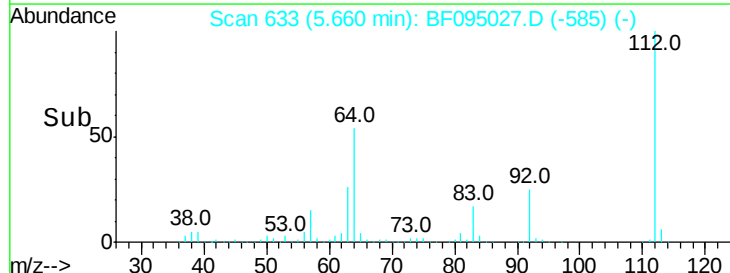
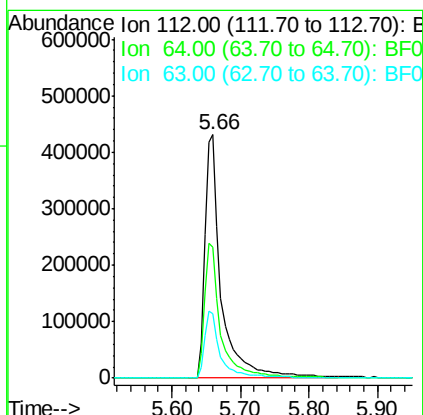
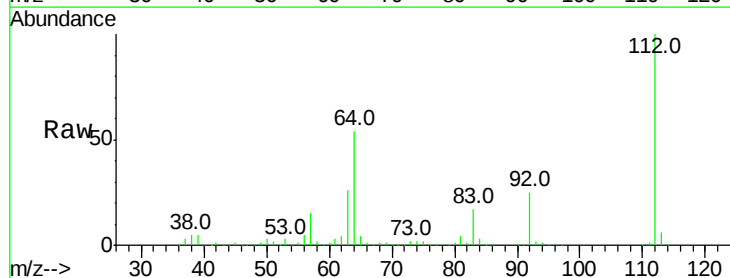
Tot Ion:152 Resp: 93057
Ion Ratio Lower Upper
152 100
150 157.1 126.2 189.2
115 60.2 52.2 78.2



#5

2-Fluorophenol
Concen: 131.89 ng
RT: 5.66 min Scan# 633
Delta R.T. -0.02 min
Lab File: BF095027.D
Acq: 9 May 2017 17:58

Tgt Ion:112 Resp: 736160
Ion Ratio Lower Upper
112 100
64 53.7 46.0 69.0
63 26.4 23.4 35.0





#7

Phenol-d6

Concen: 131.50 ng

RT: 7.25 min Scan# 904

Delta R.T. -0.02 min

Lab File: BF095027.D

Acq: 9 May 2017 17:58

Instrument :

BNA_F

ClientSampleId :

PB98769BL

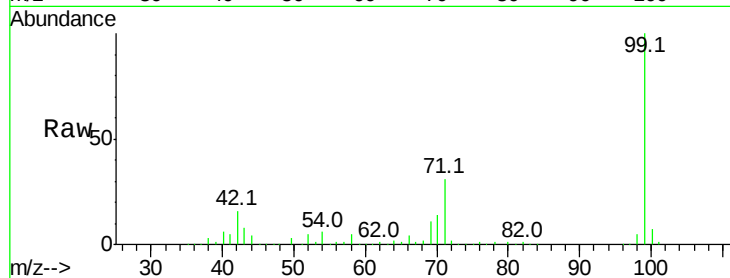
Tot Ion: 99 Resp: 880640

Ion Ratio Lower Upper

99 100

42 15.8 13.5 20.3

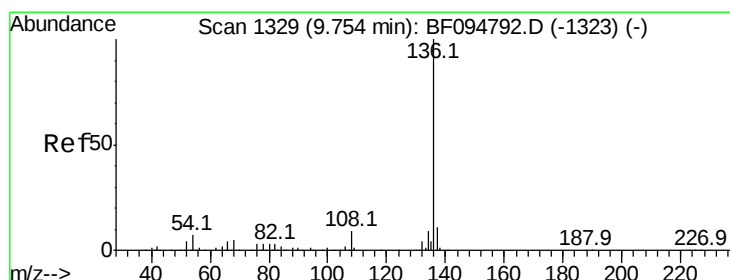
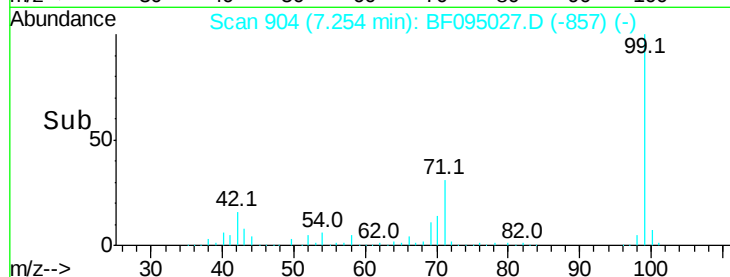
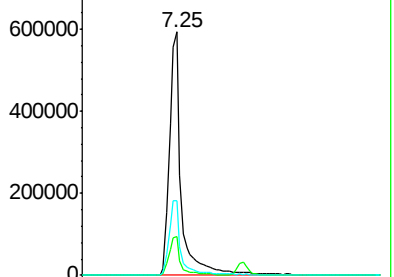
71 30.7 24.5 36.7



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: BF095027.D

Acq: 9 May 2017 17:58

Tgt Ion: 136 Resp: 388807

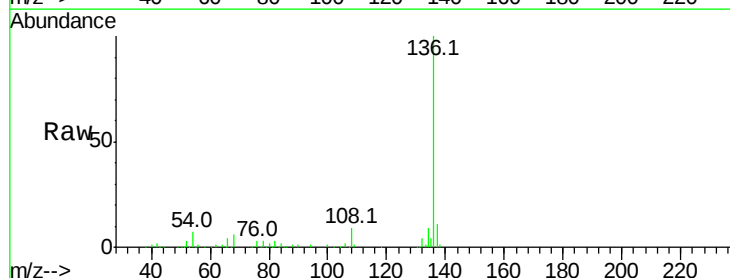
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 7.1 4.9 7.3

68 5.7 4.1 6.1

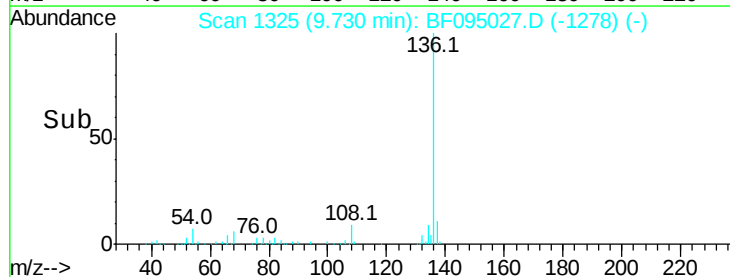
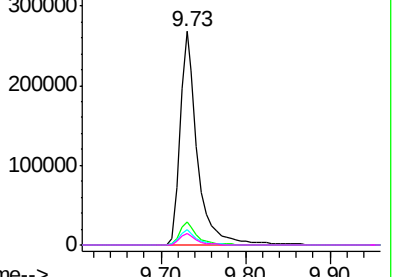


Abundance Ion 136.00 (135.70 to 136.70): E

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

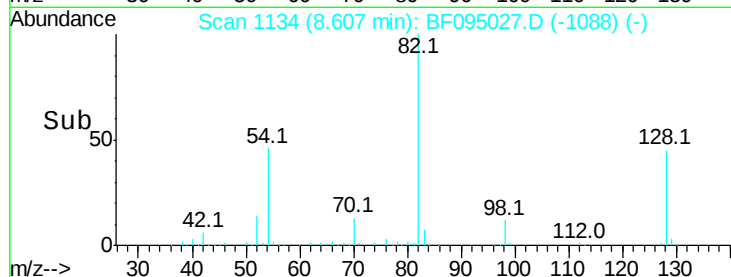
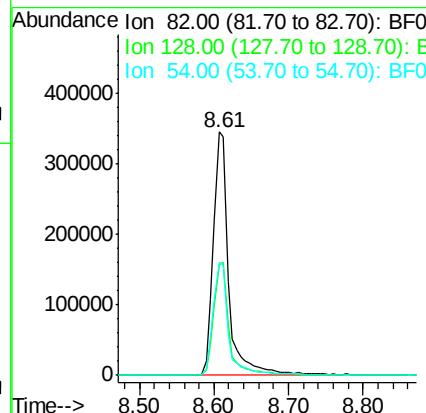
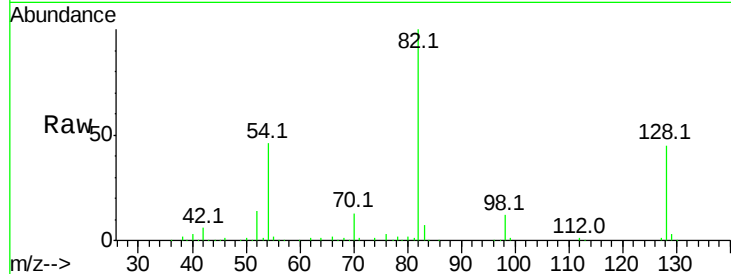




#23
 Nitrobenzene-d5
 Concen: 80.65 ng
 RT: 8.61 min Scan# 1134
 Delta R.T. -0.03 min
 Lab File: BF095027.D
 Acq: 9 May 2017 17:58

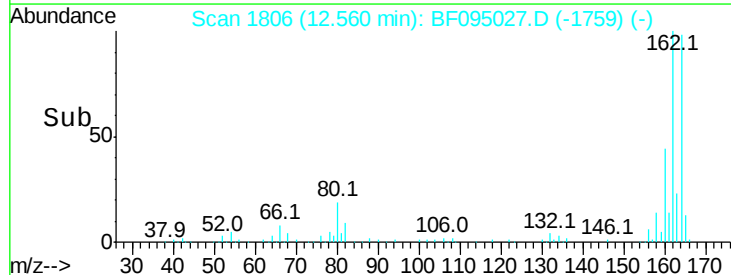
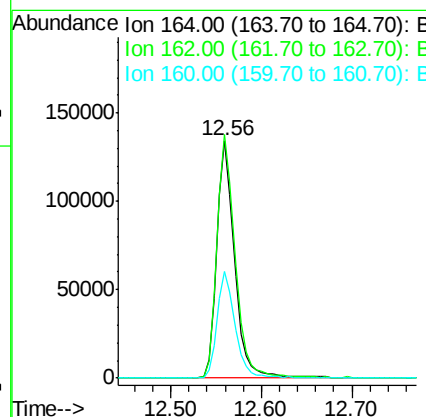
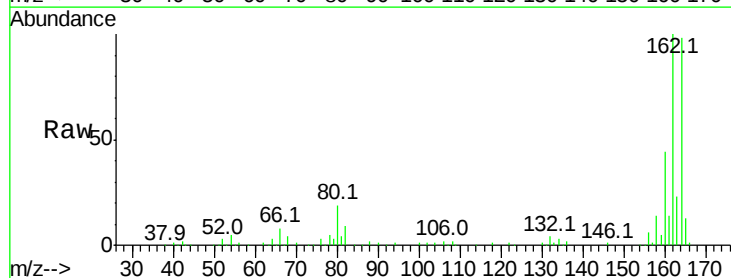
Instrument :
 BNA_F
 ClientSampleId :
 PB98769BL

Tot Ion: 82 Resp: 497268
 Ion Ratio Lower Upper
 82 100
 128 45.4 34.0 51.0
 54 46.3 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: BF095027.D
 Acq: 9 May 2017 17:58

Tgt Ion: 164 Resp: 184858
 Ion Ratio Lower Upper
 164 100
 162 102.5 82.6 123.8
 160 44.8 36.2 54.2

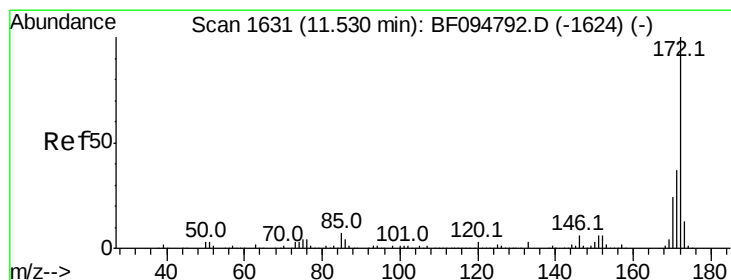
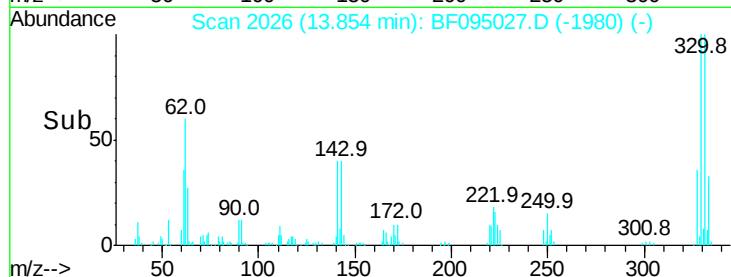
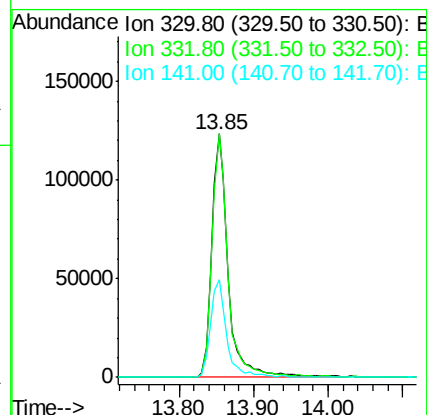
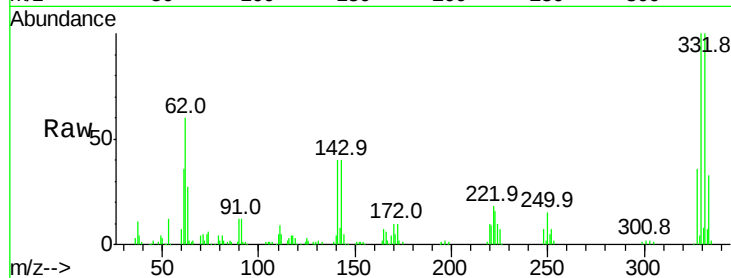




#41
 2,4,6-Tribromophenol
 Concen: 123.71 ng
 RT: 13.85 min Scan# 2026
 Delta R.T. -0.03 min
 Lab File: BF095027.D
 Acq: 9 May 2017 17:58

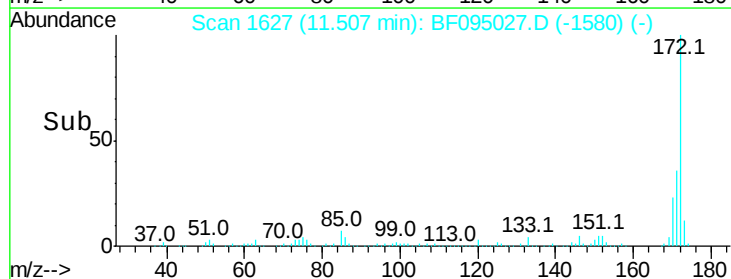
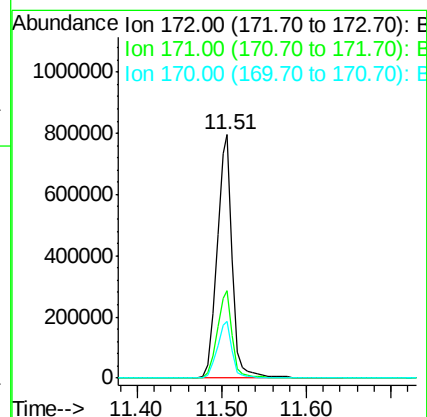
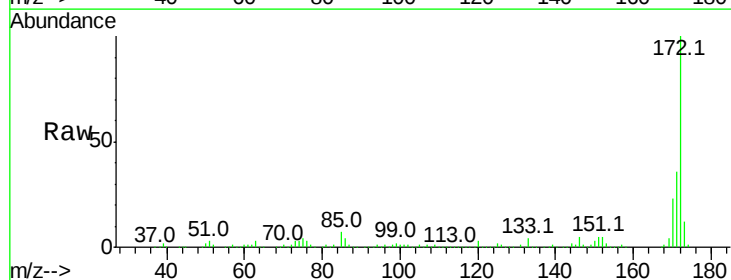
Instrument :
 BNA_F
 ClientSampleId :
 PB98769BL

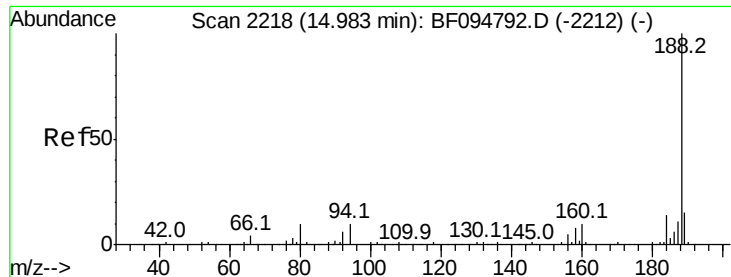
Tot Ion:330 Resp: 187285
 Ion Ratio Lower Upper
 330 100
 332 97.7 76.6 115.0
 141 40.1 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 79.20 ng
 RT: 11.51 min Scan# 1627
 Delta R.T. -0.02 min
 Lab File: BF095027.D
 Acq: 9 May 2017 17:58

Tgt Ion:172 Resp: 1017154
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.6 44.4
 170 23.1 19.8 29.8

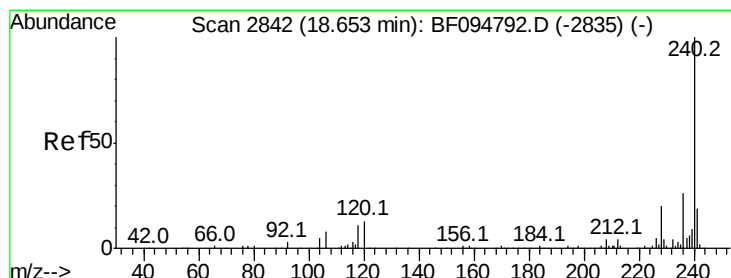
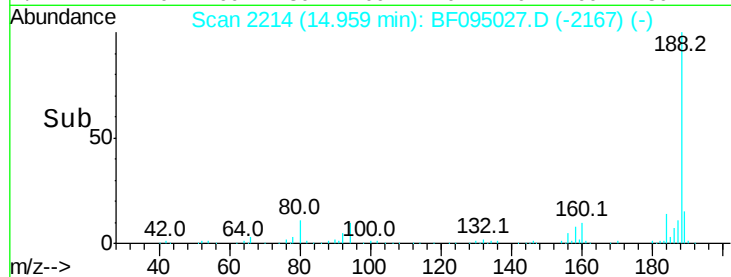
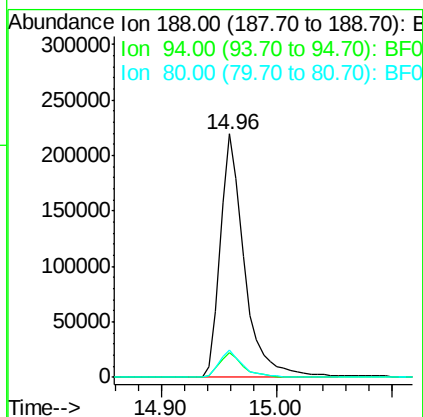
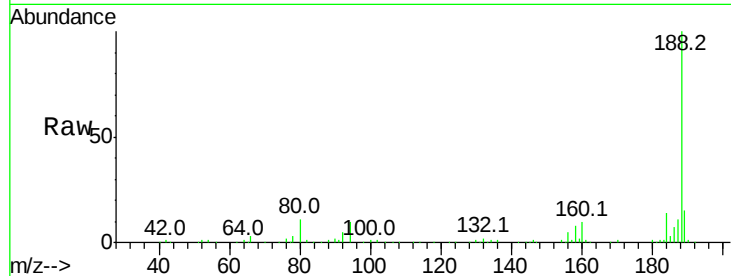




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.96 min Scan# 2214
 Delta R.T. -0.02 min
 Lab File: BF095027.D
 Acq: 9 May 2017 17:58

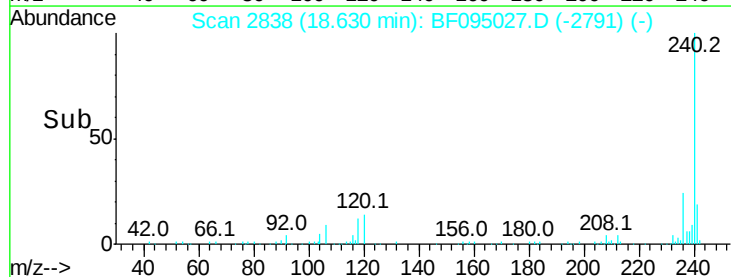
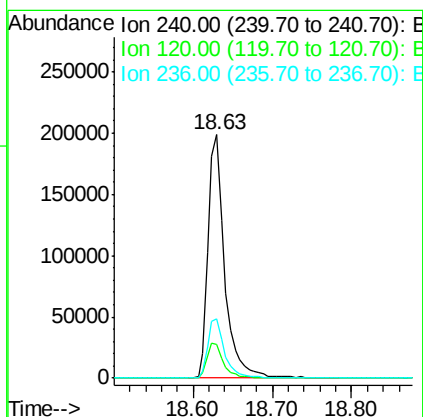
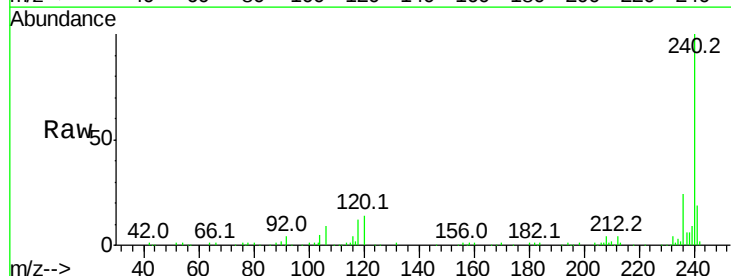
Instrument :
 BNA_F
 ClientSampleId :
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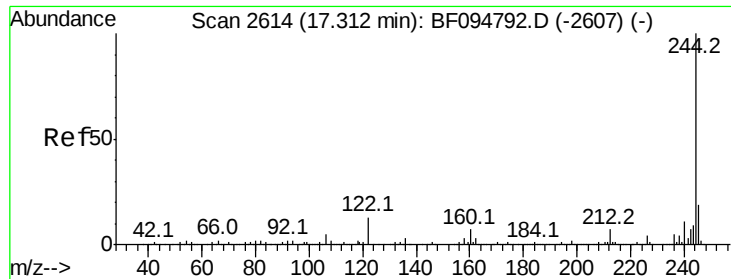
Tot Ion	Ratio	Lower	Upper
188	100		
94	10.2	9.4	14.2
80	11.3	10.2	15.2



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.63 min Scan# 2838
 Delta R.T. -0.02 min
 Lab File: BF095027.D
 Acq: 9 May 2017 17:58

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.9	5.8	8.8#
236	24.3	20.5	30.7

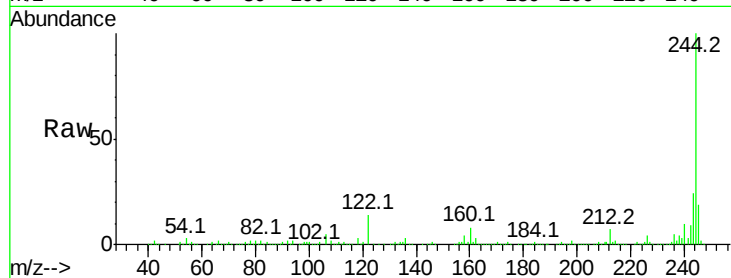




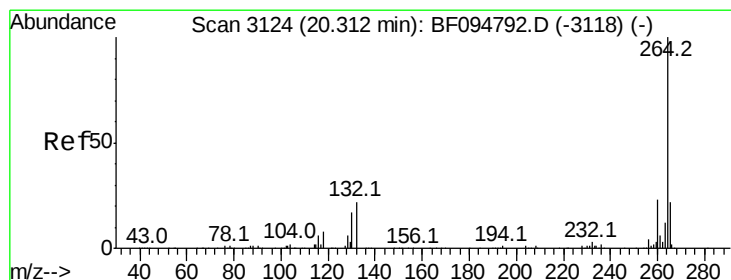
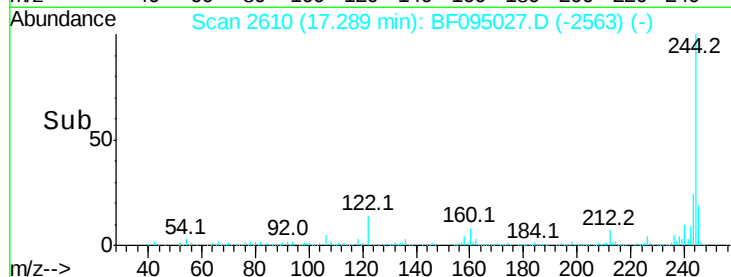
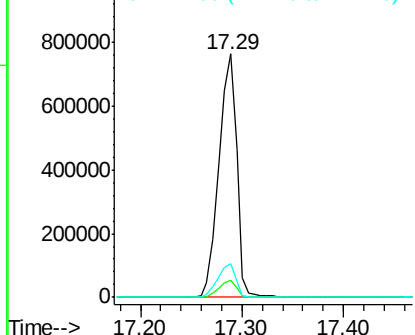
#78
 Terphenyl-d14
 Concen: 70.87 ng
 RT: 17.29 min Scan# 2610
 Delta R.T. -0.02 min
 Lab File: BF095027.D
 Acq: 9 May 2017 17:58

Instrument :
 BNA_F
 ClientSampleId :
 PB98769BL

Tot Ion:244 Resp: 937667
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 13.8 10.3 15.5

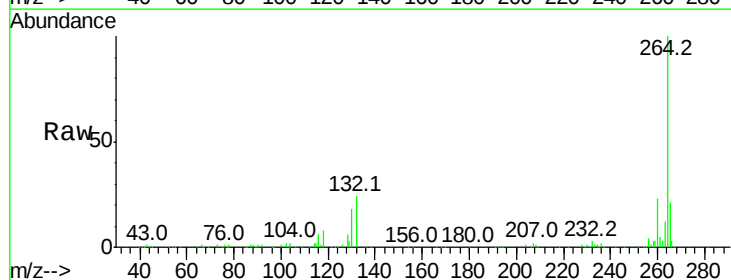


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.29 min Scan# 3121
 Delta R.T. -0.02 min
 Lab File: BF095027.D
 Acq: 9 May 2017 17:58

Tgt Ion:264 Resp: 219205
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.5 29.3
 265 20.6 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

