

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052717\
 Data File : BF095505.D
 Acq On : 27 May 2017 19:39
 Operator : SJ/MA
 Sample : I3306-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DSK-MW-4S

Quant Time: May 29 02:35:46 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 26 16:50:16 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	85112	20.00	ng	0.00
21) Naphthalene-d8	9.78	136	351306	20.00	ng	0.02
38) Acenaphthene-d10	12.60	164	162555	20.00	ng	0.00
63) Phenanthrene-d10	15.01	188	282302	20.00	ng	0.00
75) Chrysene-d12	18.68	240	209269	20.00	ng	0.00
86) Perylene-d12	20.36	264	141401	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	333143	65.26	ng	0.02
7) Phenol-d6	7.32	99	250279	40.86	ng	0.02
23) Nitrobenzene-d5	8.64	82	506765	90.96	ng	-0.01
41) 2,4,6-Tribromophenol	13.89	330	192476	144.58	ng	0.00
44) 2-Fluorobiphenyl	11.53	172	974671	86.30	ng	0.00
78) Terphenyl-d14	17.32	244	910211	95.80	ng	0.00

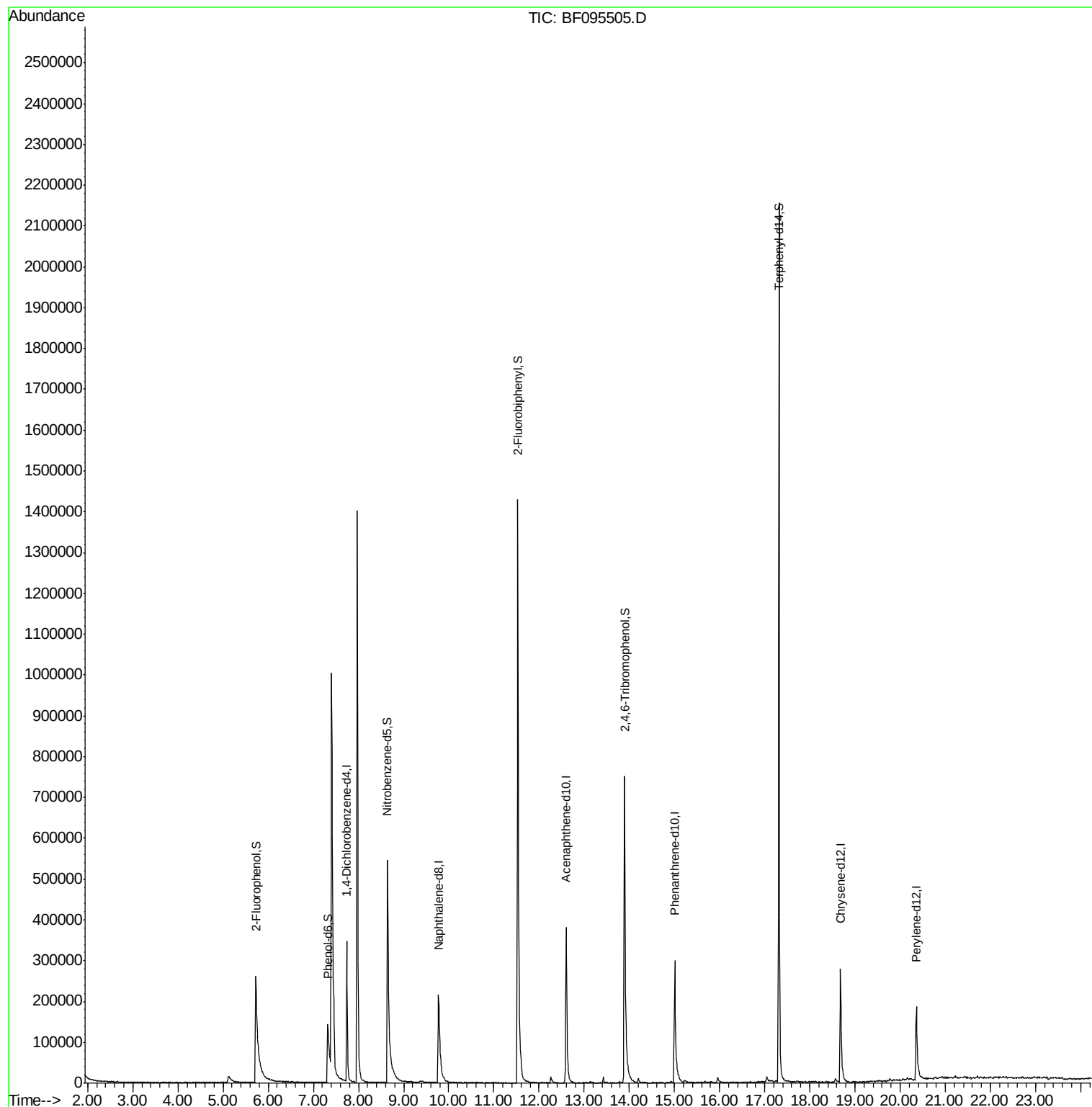
Target Compounds Qvalue

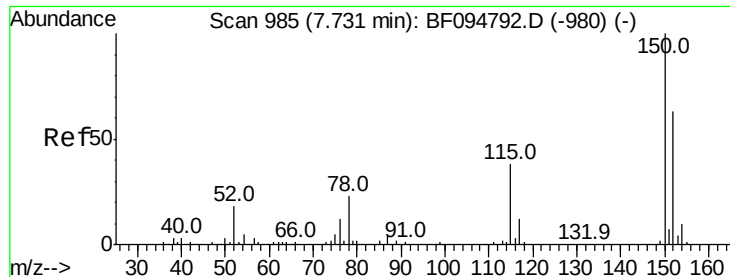
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.74 min Scan# 987

Delta R.T. -0.00 min

Lab File: BF095505.D

Acq: 27 May 2017 19:39

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ClientSampleId :

DSK-MW-4S

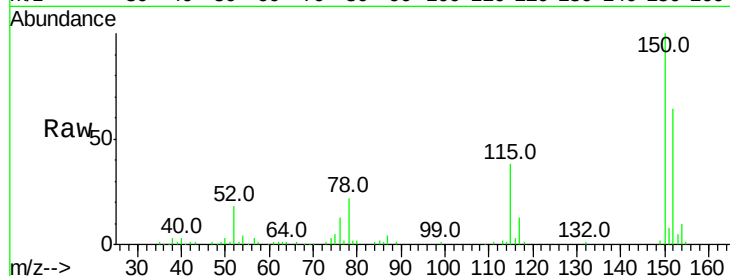
Tot Ion:152 Resp: 85112

Ion Ratio Lower Upper

152 100

150 157.3 126.2 189.2

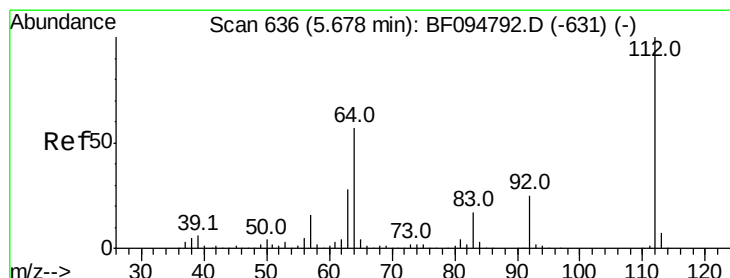
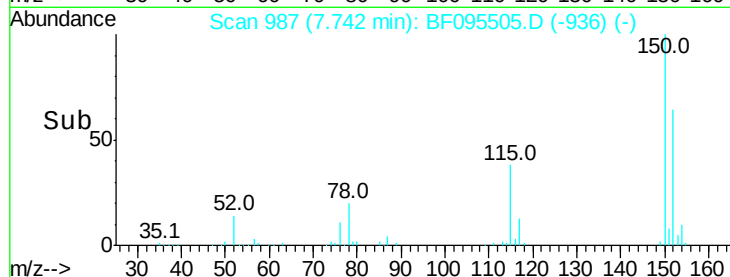
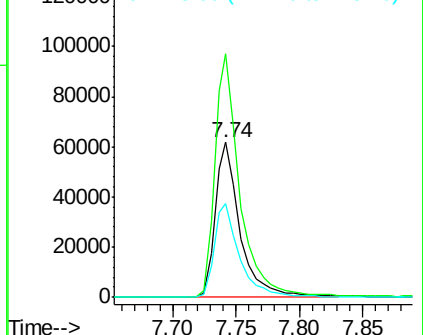
115 60.3 52.2 78.2



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: 65.26 ng

RT: 5.72 min Scan# 644

Delta R.T. 0.02 min

Lab File: BF095505.D

Acq: 27 May 2017 19:39

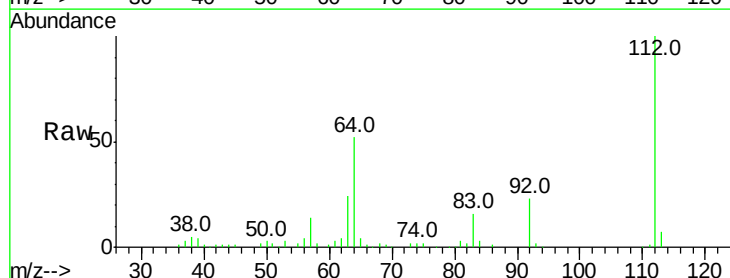
Tgt Ion:112 Resp: 333143

Ion Ratio Lower Upper

112 100

64 52.0 46.0 69.0

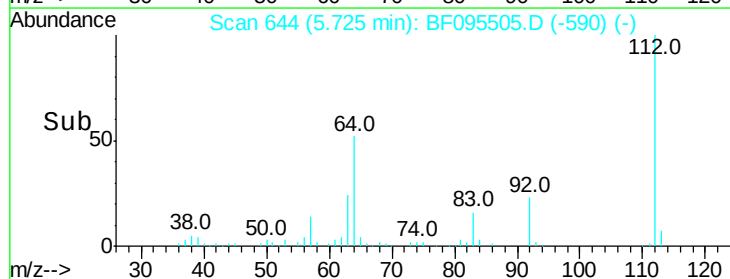
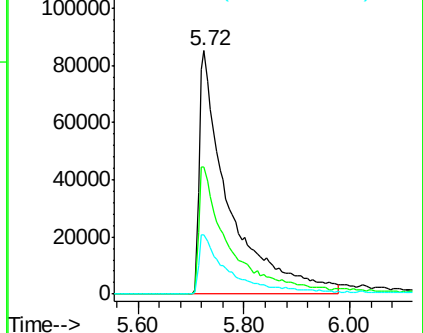
63 24.3 23.4 35.0

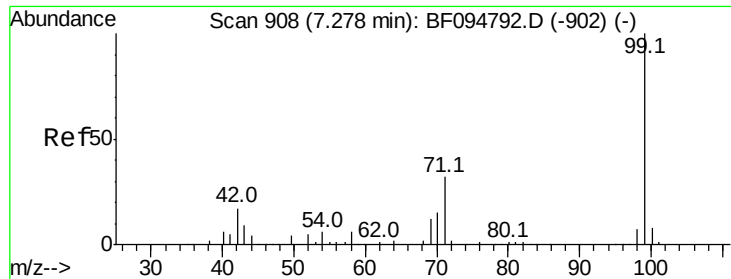


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 40.86 ng

RT: 7.32 min Scan# 915

Delta R.T. 0.02 min

Lab File: BF095505.D

Acq: 27 May 2017 19:39

Instrument :

BNA_F

ClientSampleId :

DSK-MW-4S

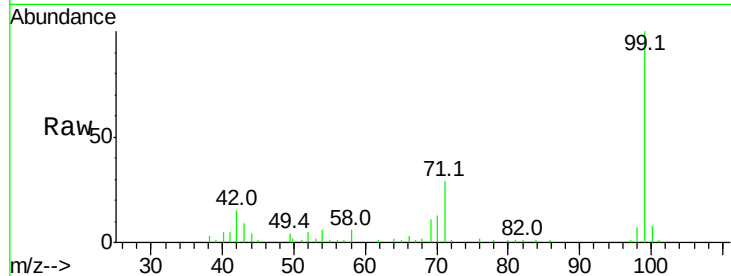
Tot Ion: 99 Resp: 250279

Ion Ratio Lower Upper

99 100

42 14.8 13.5 20.3

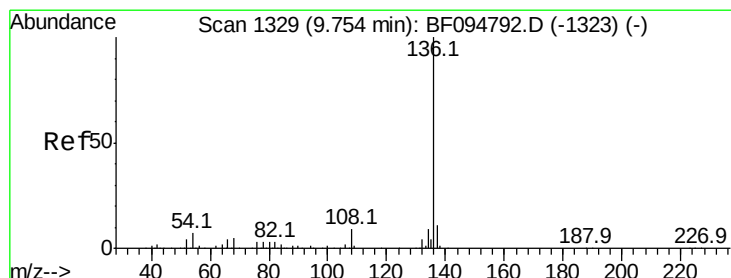
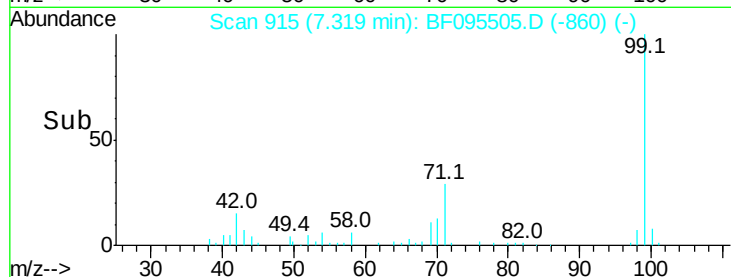
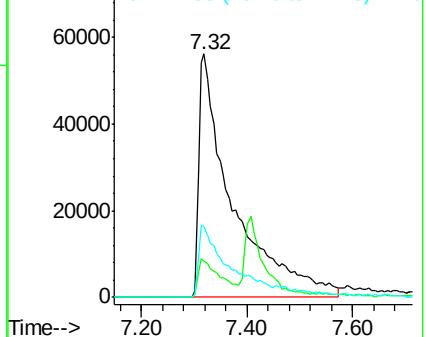
71 29.1 24.5 36.7



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.78 min Scan# 1333

Delta R.T. 0.02 min

Lab File: BF095505.D

Acq: 27 May 2017 19:39

Tgt Ion: 136 Resp: 351306

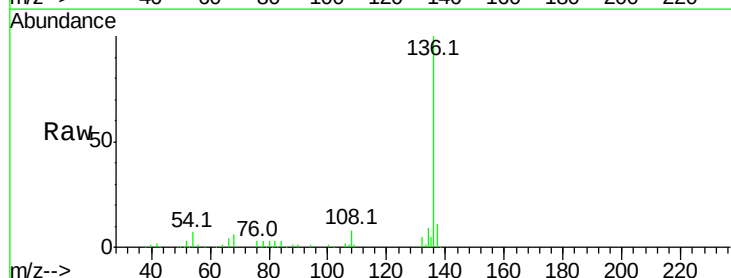
Ion Ratio Lower Upper

136 100

137 11.3 8.5 12.7

54 6.6 4.9 7.3

68 5.8 4.1 6.1

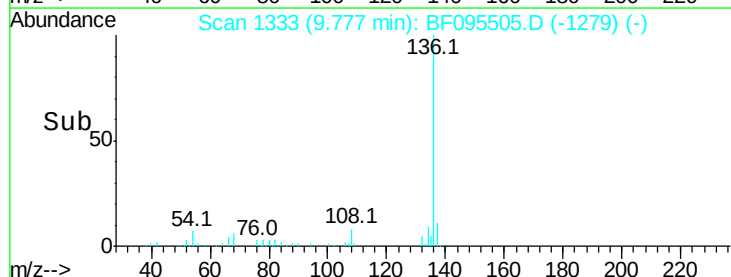
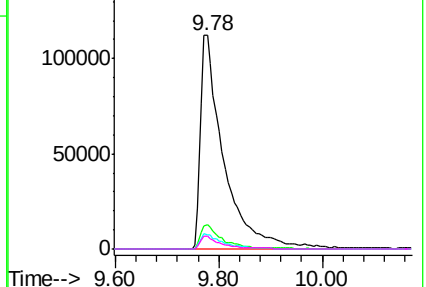


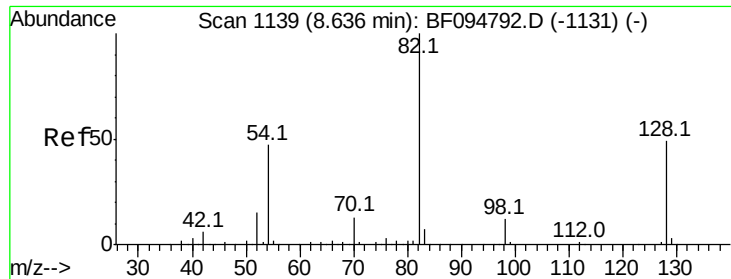
Abundance Ion 136.00 (135.70 to 136.70): E

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

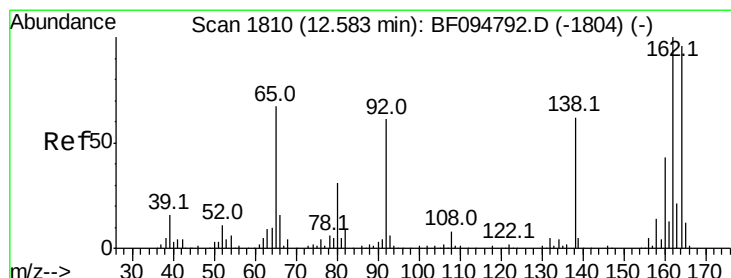
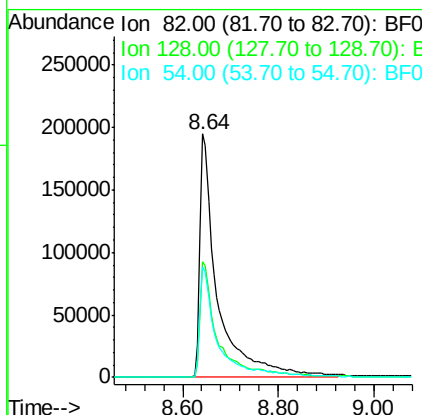
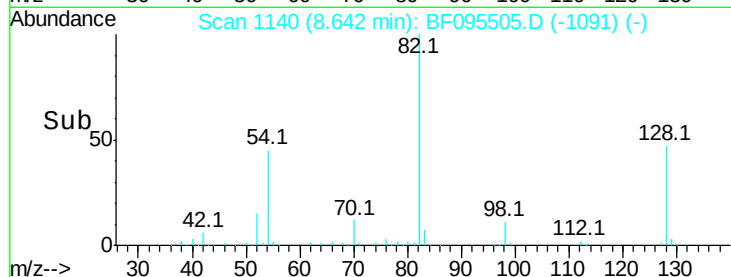
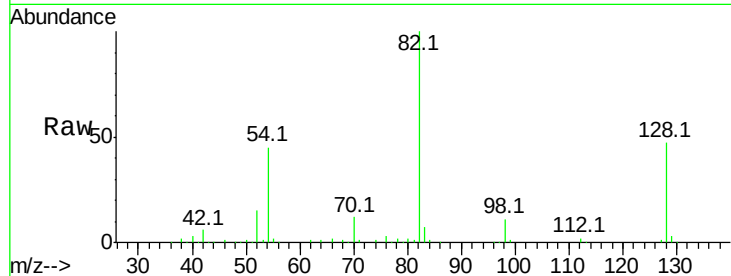




#23
Nitrobenzene-d5
Concen: 90.96 ng
RT: 8.64 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BF095505.D
Acq: 27 May 2017 19:39

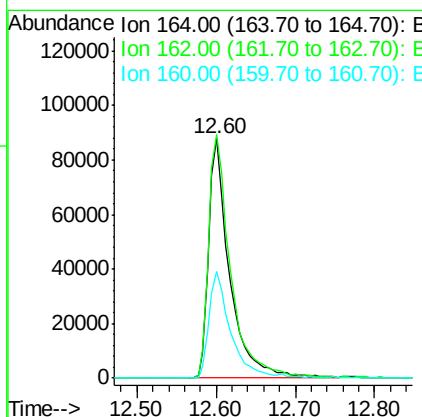
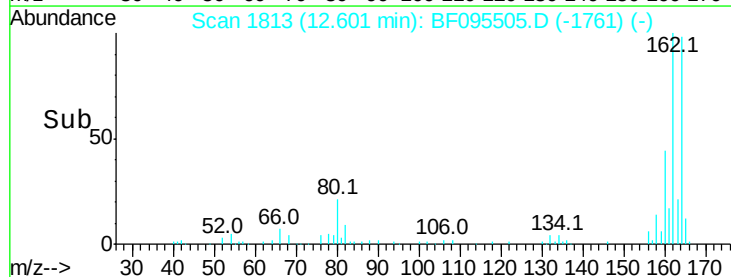
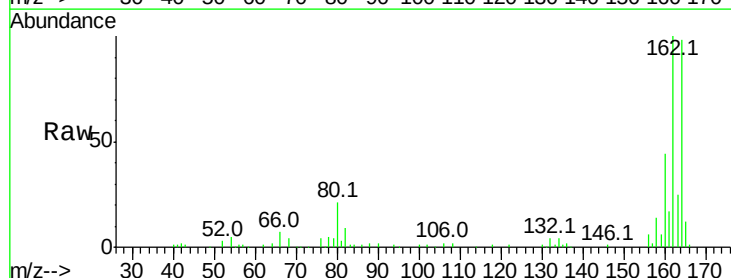
Instrument :
BNA_F
ClientSampleId :
DSK-MW-4S

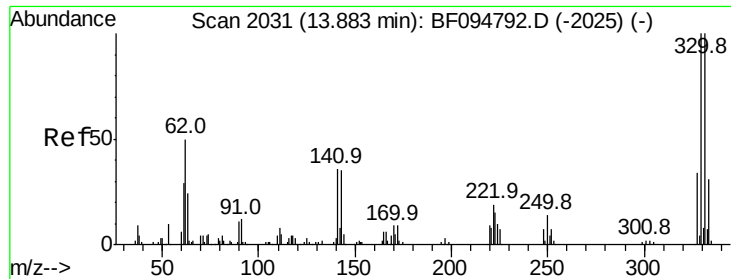
Tot Ion: 82 Resp: 506765
Ion Ratio Lower Upper
82 100
128 47.3 34.0 51.0
54 45.3 42.2 63.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.60 min Scan# 1813
Delta R.T. 0.01 min
Lab File: BF095505.D
Acq: 27 May 2017 19:39

Tgt Ion:164 Resp: 162555
Ion Ratio Lower Upper
164 100
162 101.8 82.6 123.8
160 44.5 36.2 54.2

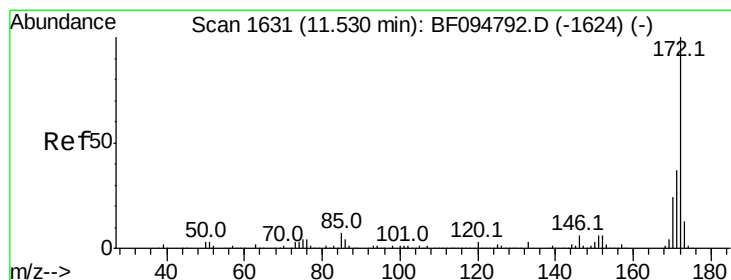
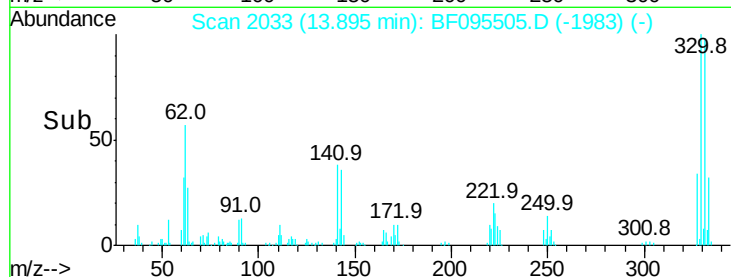
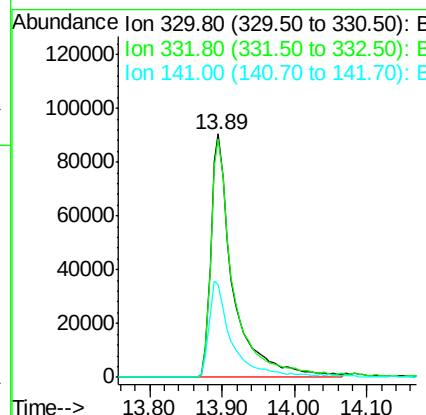
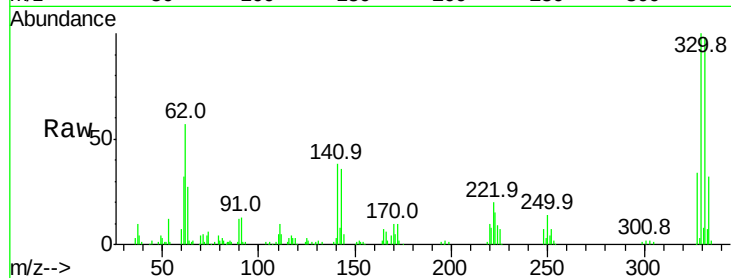




#41
 2,4,6-Tribromophenol
 Concen: 144.58 ng
 RT: 13.89 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BF095505.D
 Acq: 27 May 2017 19:39

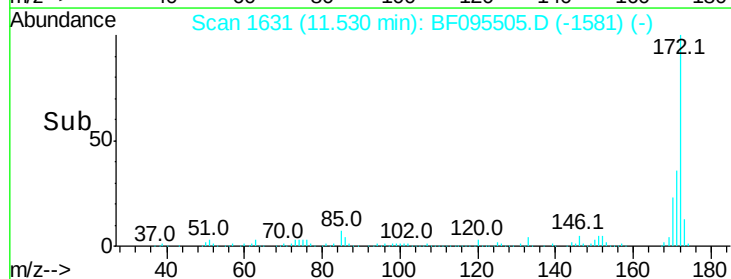
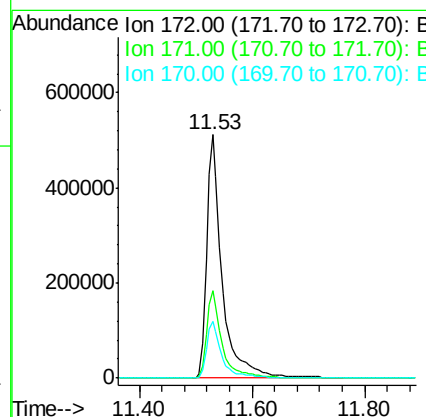
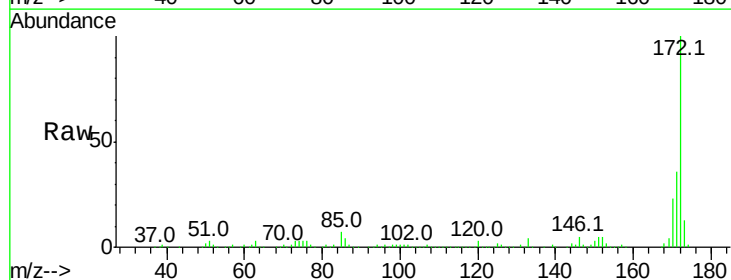
Instrument :
 BNA_F
 ClientSampleId :
 DSK-MW-4S

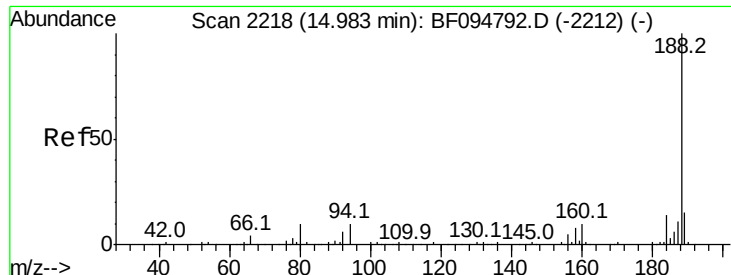
Tot Ion	Ratio	Lower	Upper
330	100		
332	99.1	76.6	115.0
141	40.3	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 86.30 ng
 RT: 11.53 min Scan# 1631
 Delta R.T. -0.01 min
 Lab File: BF095505.D
 Acq: 27 May 2017 19:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.6	44.4
170	23.3	19.8	29.8

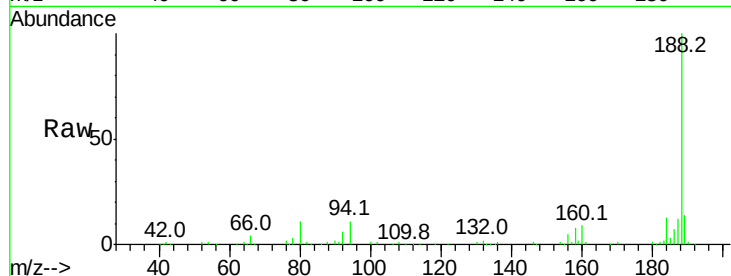




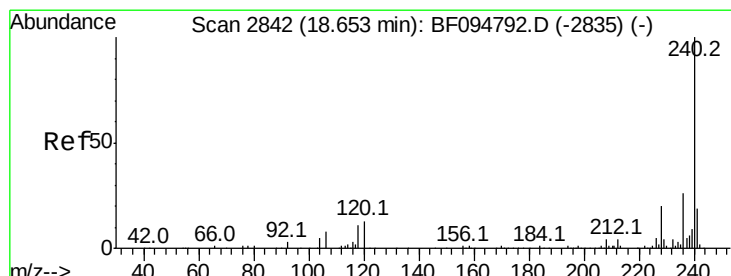
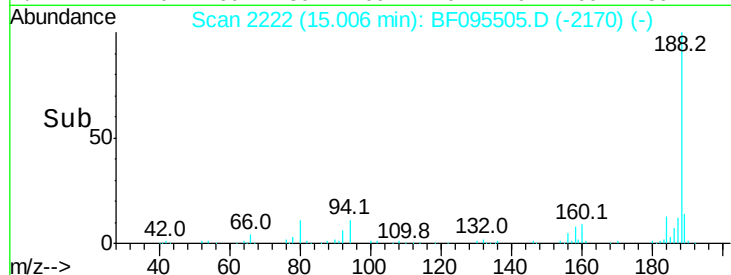
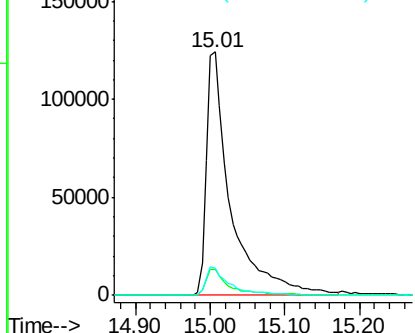
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.01 min Scan# 2222
Delta R.T. 0.01 min
Lab File: BF095505.D
Acq: 27 May 2017 19:39

Instrument :
BNA_F
ClientSampleId :
DSK-MW-4S

Tot Ion:188 Resp: 282302
Ion Ratio Lower Upper
188 100
94 10.8 9.4 14.2
80 11.0 10.2 15.2

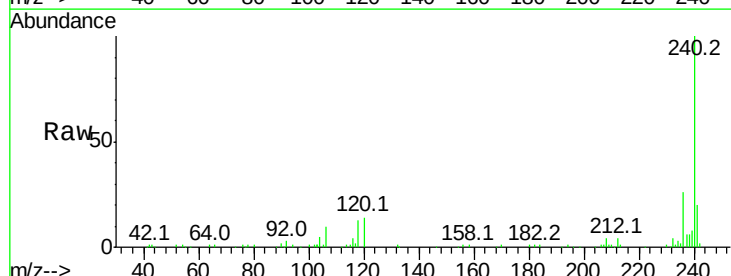


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

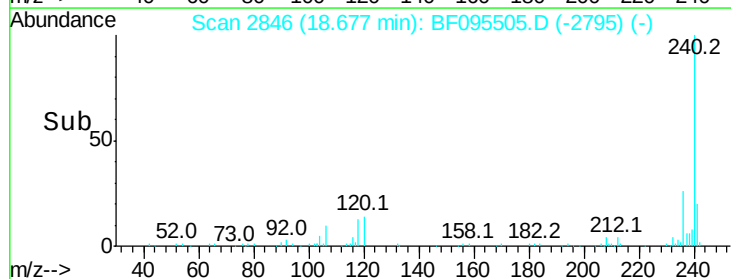
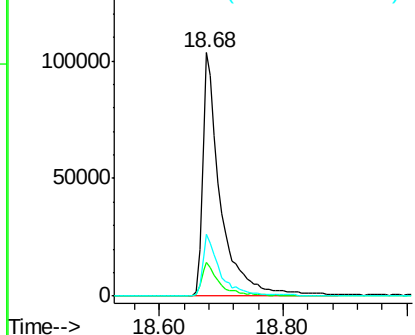


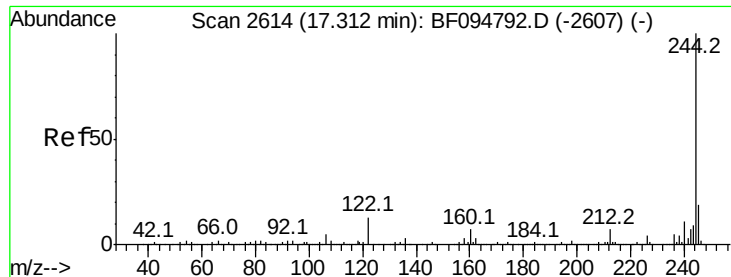
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.68 min Scan# 2846
Delta R.T. -0.00 min
Lab File: BF095505.D
Acq: 27 May 2017 19:39

Tgt Ion:240 Resp: 209269
Ion Ratio Lower Upper
240 100
120 13.8 5.8 8.8#
236 25.6 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: 95.80 ng

RT: 17.32 min Scan# 2615

Delta R.T. -0.01 min

Lab File: BF095505.D

Acq: 27 May 2017 19:39

Instrument :

BNA_F

ClientSampleId :

DSK-MW-4S

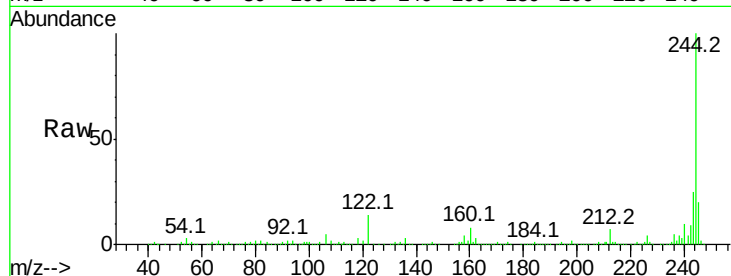
Tot Ion:244 Resp: 910211

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

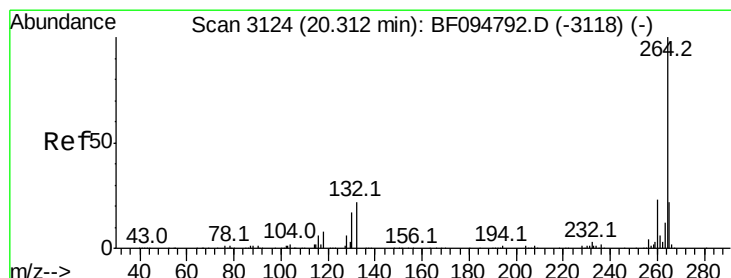
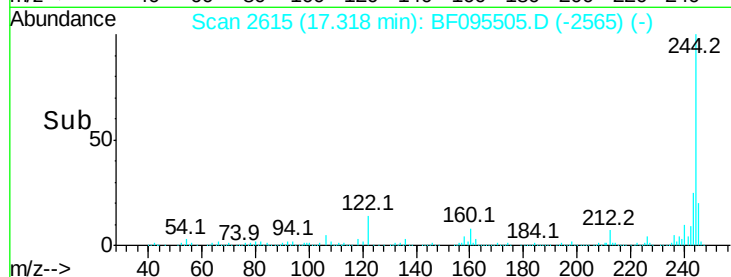
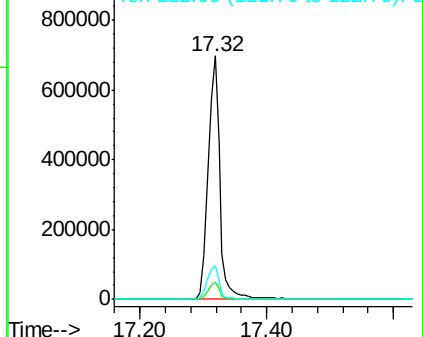
122 13.8 10.3 15.5



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: 20.36 min Scan# 3132

Delta R.T. 0.01 min

Lab File: BF095505.D

Acq: 27 May 2017 19:39

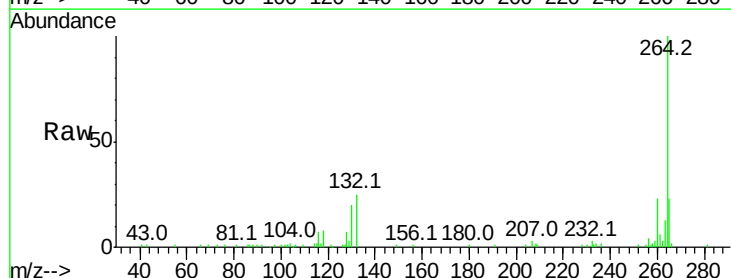
Tgt Ion:264 Resp: 141401

Ion Ratio Lower Upper

264 100

260 22.5 19.5 29.3

265 22.6 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

