

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052217\
 Data File : BF095336.D
 Acq On : 23 May 2017 5:05
 Operator : SJ/MA
 Sample : I3249-28
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-17COMP

Quant Time: May 23 07:43:41 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 18 17:07:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	83656	20.00	ng	0.00
21) Naphthalene-d8	9.78	136	325429	20.00	ng	0.00
38) Acenaphthene-d10	12.61	164	141083	20.00	ng	0.00
63) Phenanthrene-d10	15.02	188	166266	20.00	ng	0.00
75) Chrysene-d12	18.69	240	176038	20.00	ng	0.00
86) Perylene-d12	20.37	264	134996	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.74	112	656039	130.74	ng	0.00
7) Phenol-d6	7.31	99	736645	122.36	ng	0.00
23) Nitrobenzene-d5	8.66	82	478001	92.62	ng	-0.01
41) 2,4,6-Tribromophenol	13.91	330	139413	120.66	ng	0.00
44) 2-Fluorobiphenyl	11.55	172	983400	100.33	ng	-0.01
78) Terphenyl-d14	17.33	244	625597	78.27	ng	-0.02

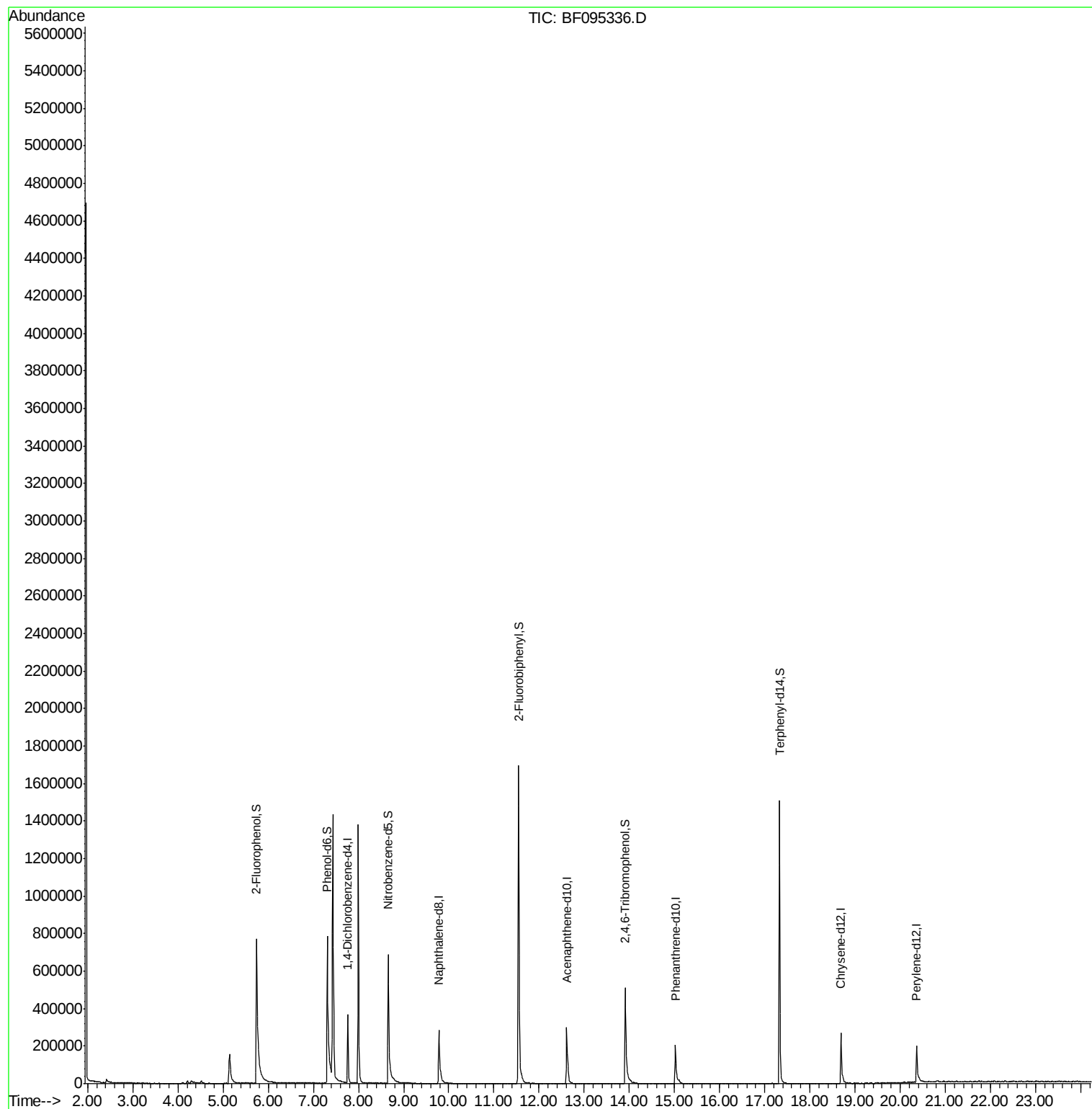
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.76 min Scan# 990

Delta R.T. -0.01 min

Lab File: BF095336.D

Acq: 23 May 2017 5:05

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ClientSampleId :

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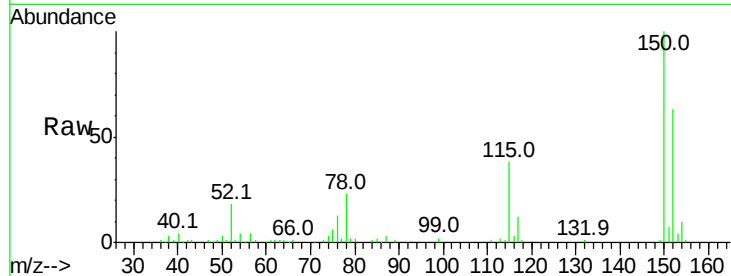
Tot Ion:152 Resp: 83656

Ion Ratio Lower Upper

152 100

150 158.2 126.2 189.2

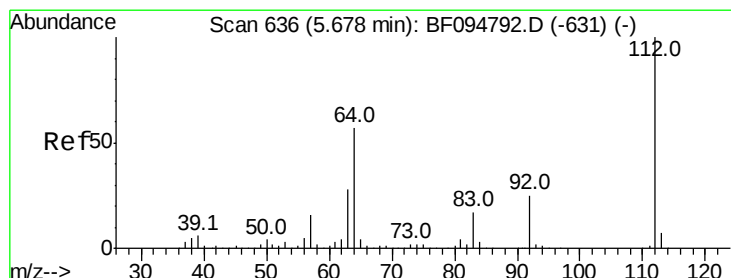
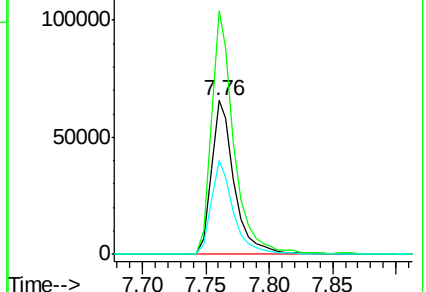
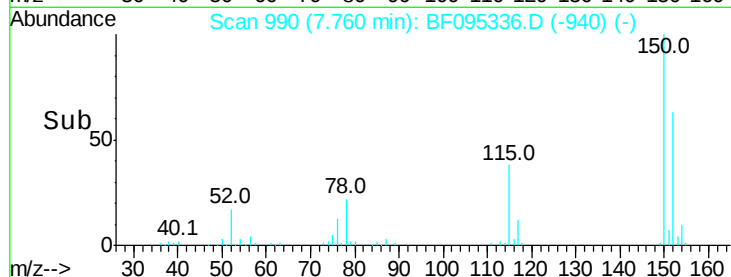
115 60.6 52.2 78.2



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: 130.74 ng

RT: 5.74 min Scan# 646

Delta R.T. 0.00 min

Lab File: BF095336.D

Acq: 23 May 2017 5:05

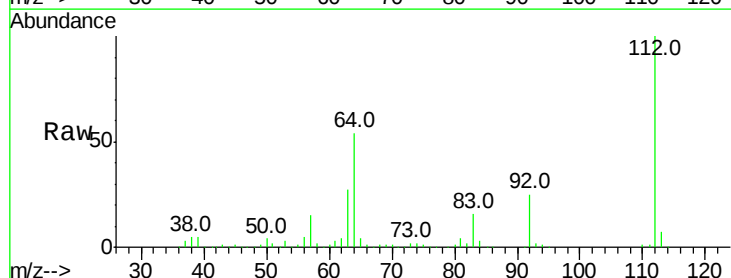
Tgt Ion:112 Resp: 656039

Ion Ratio Lower Upper

112 100

64 54.4 46.0 69.0

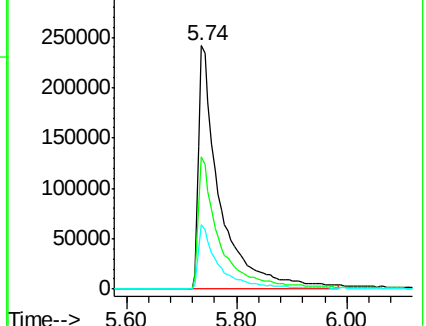
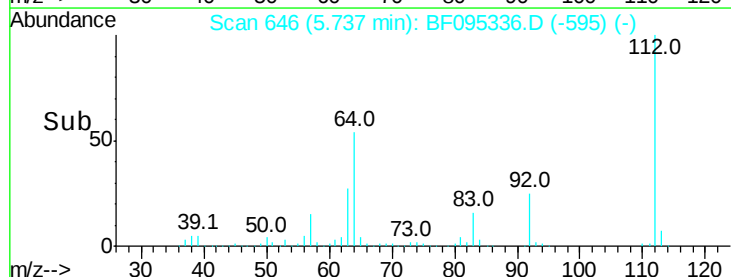
63 26.6 23.4 35.0



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: 122.36 ng

RT: 7.31 min Scan# 913

Delta R.T. -0.01 min

Lab File: BF095336.D

Acq: 23 May 2017 5:05

Instrument :

BNA_F

ClientSampleId :

SB-17COMP

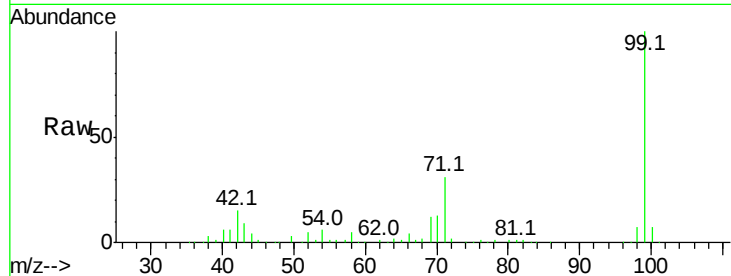
Tot Ion: 99 Resp: 736645

Ion Ratio Lower Upper

99 100

42 15.3 13.5 20.3

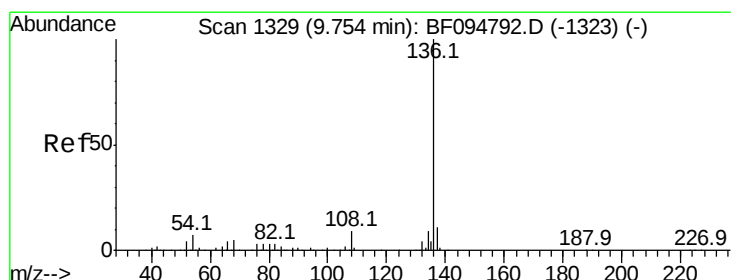
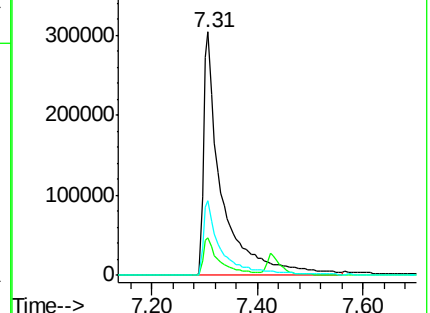
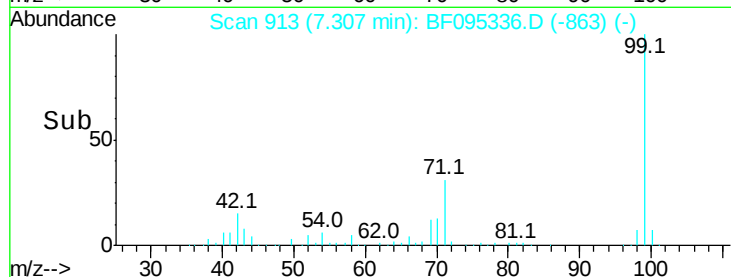
71 30.8 24.5 36.7



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# 1334

Delta R.T. 0.00 min

Lab File: BF095336.D

Acq: 23 May 2017 5:05

Tgt Ion: 136 Resp: 325429

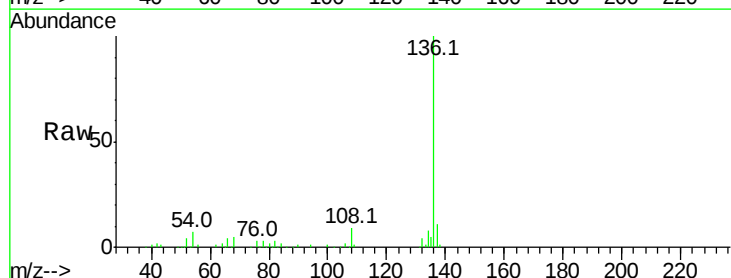
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 6.8 4.9 7.3

68 5.1 4.1 6.1

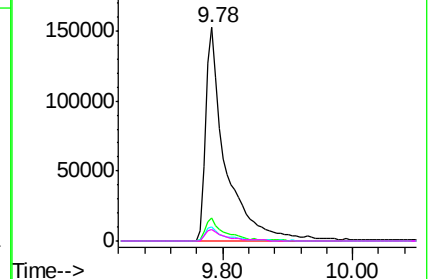
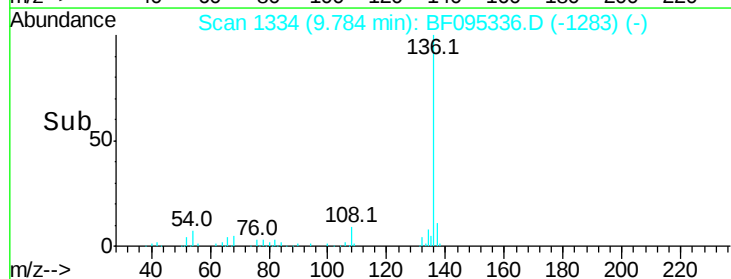


Abundance Ion 136.00 (135.70 to 136.70): E

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

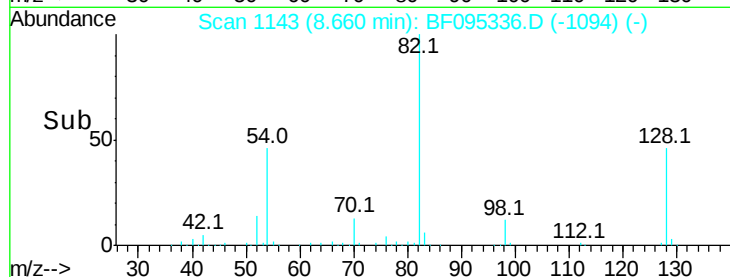
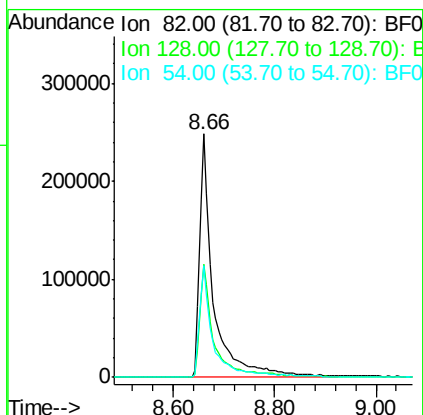
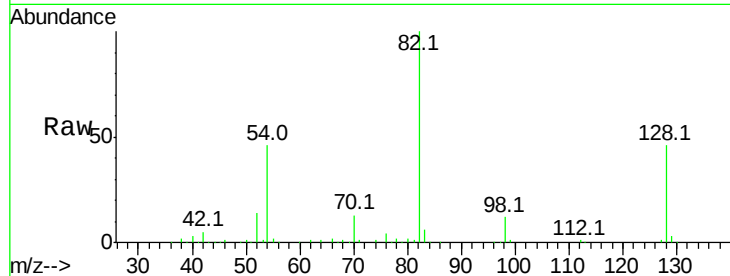




#23
Nitrobenzene-d5
Concen: 92.62 ng
RT: 8.66 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF095336.D
Acq: 23 May 2017 5:05

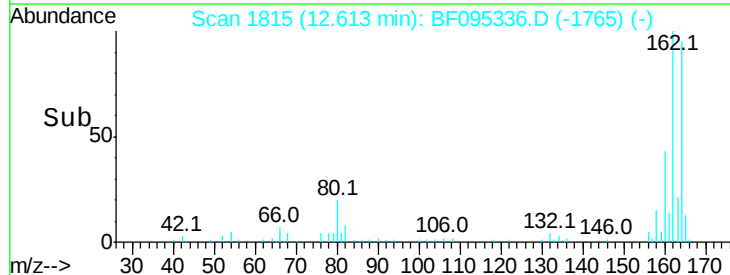
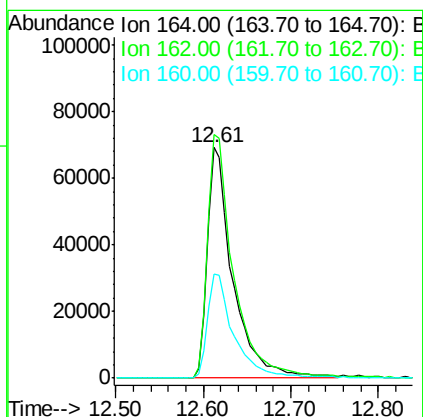
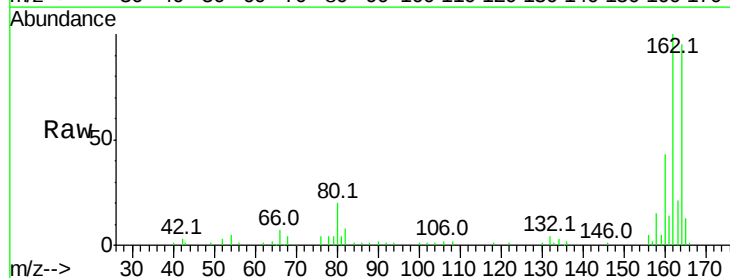
Instrument :
BNA_F
ClientSampleId :
SB-17COMP

Tot Ion: 82 Resp: 478001
Ion Ratio Lower Upper
82 100
128 46.2 34.0 51.0
54 45.9 42.2 63.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.61 min Scan# 1815
Delta R.T. -0.01 min
Lab File: BF095336.D
Acq: 23 May 2017 5:05

Tgt Ion:164 Resp: 141083
Ion Ratio Lower Upper
164 100
162 105.7 82.6 123.8
160 45.5 36.2 54.2

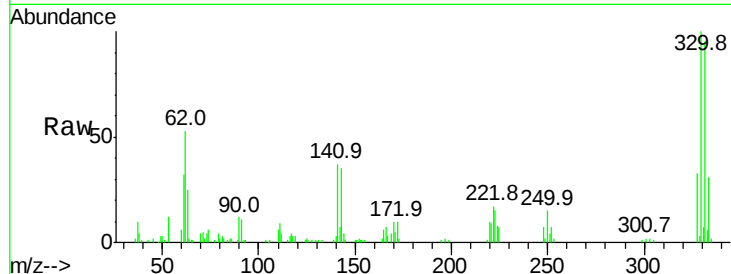




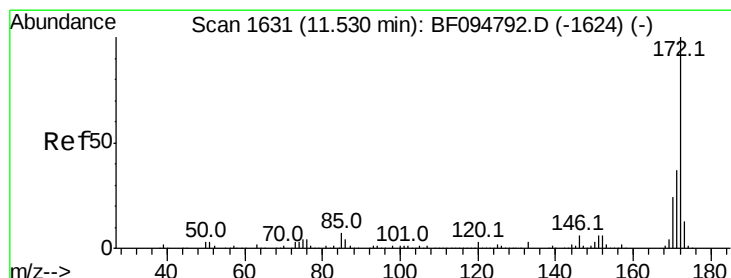
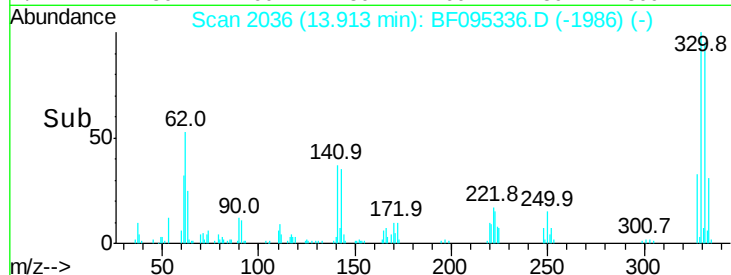
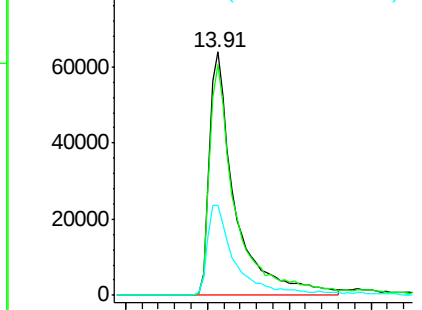
#41
 2,4,6-Tribromophenol
 Concen: 120.66 ng
 RT: 13.91 min Scan# 2036
 Delta R.T. -0.01 min
 Lab File: BF095336.D
 Acq: 23 May 2017 5:05

Instrument :
 BNA_F
 ClientSampleId :
 SB-17COMP

Tot Ion:330 Resp: 139413
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.6 115.0
 141 40.6 31.4 47.2

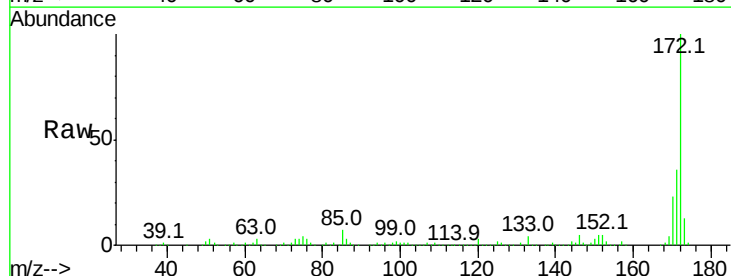


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

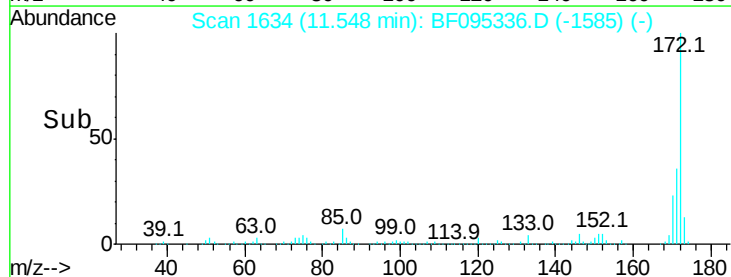
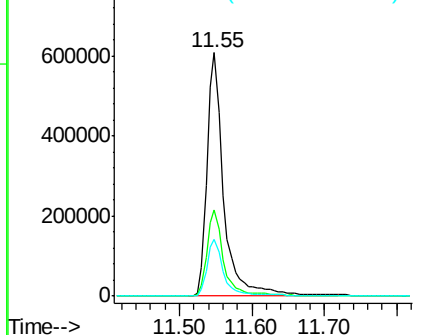


#44
 2-Fluorobiphenyl
 Concen: 100.33 ng
 RT: 11.55 min Scan# 1634
 Delta R.T. -0.01 min
 Lab File: BF095336.D
 Acq: 23 May 2017 5:05

Tgt Ion:172 Resp: 983400
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.6 44.4
 170 23.2 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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 15.02 min Scan# 2225

Delta R.T. 0.00 min

Lab File: BF095336.D

Acq: 23 May 2017 5:05

Instrument :

BNA_F

ClientSampleId :

SB-17COMP

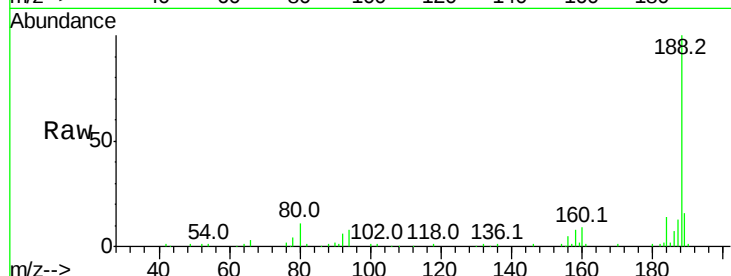
Tot Ion:188 Resp: 166266

Ion Ratio Lower Upper

188 100

94 8.5 9.4 14.2#

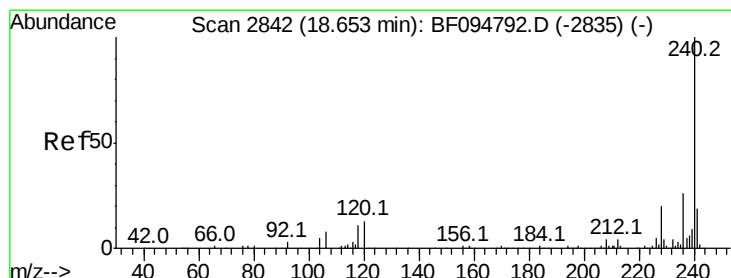
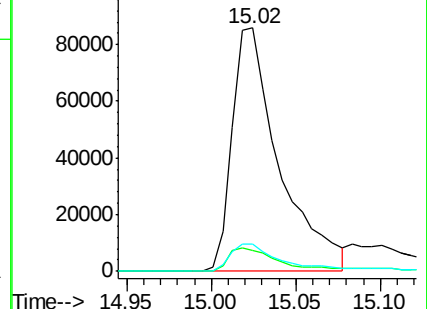
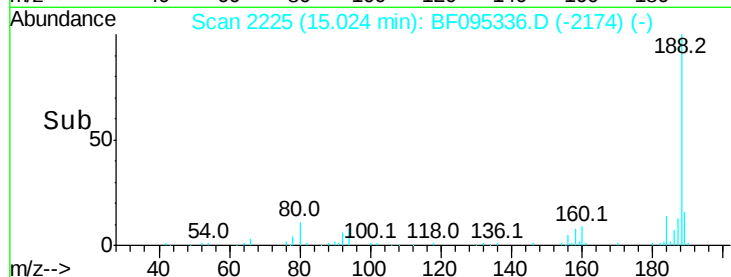
80 11.1 10.2 15.2



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: 18.69 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BF095336.D

Acq: 23 May 2017 5:05

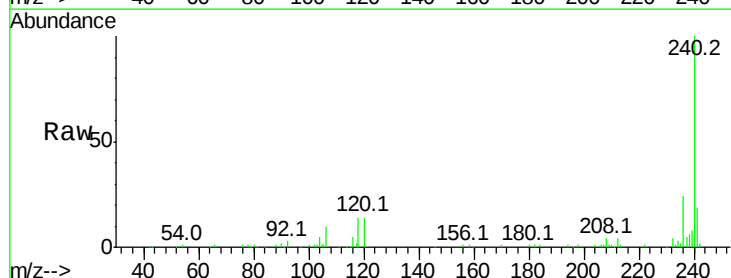
Tgt Ion:240 Resp: 176038

Ion Ratio Lower Upper

240 100

120 14.0 5.8 8.8#

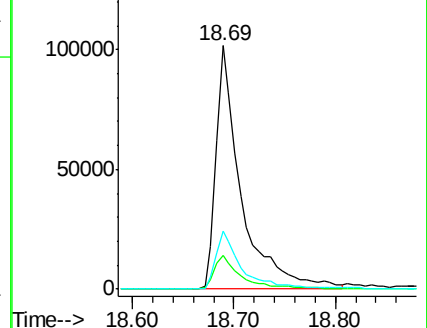
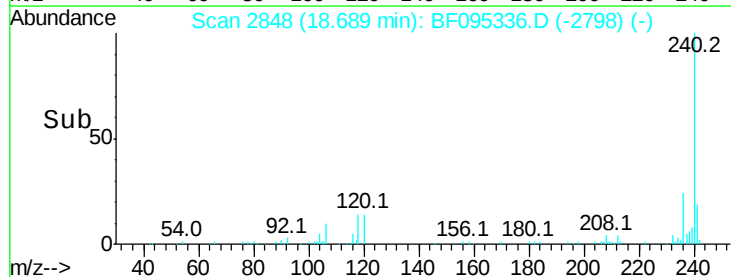
236 23.7 20.5 30.7

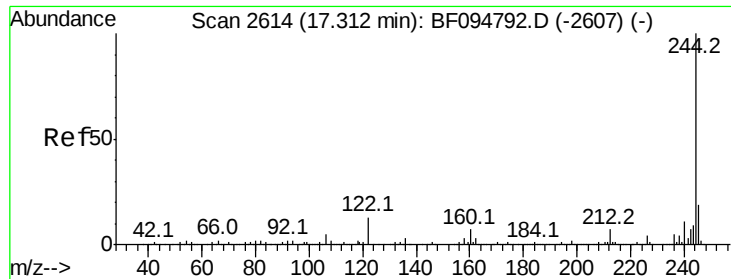


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 78.27 ng

RT: 17.33 min Scan# 2617

Delta R.T. -0.02 min

Lab File: BF095336.D

Acq: 23 May 2017 5:05

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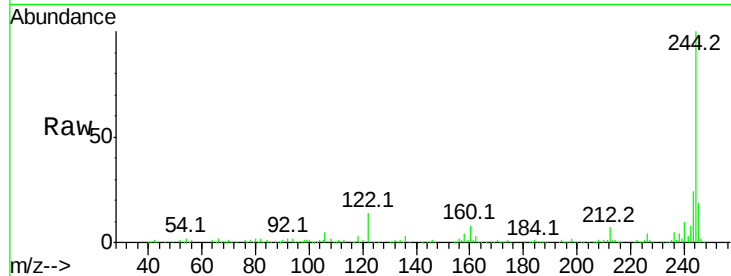
Tot Ion:244 Resp: 625597

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

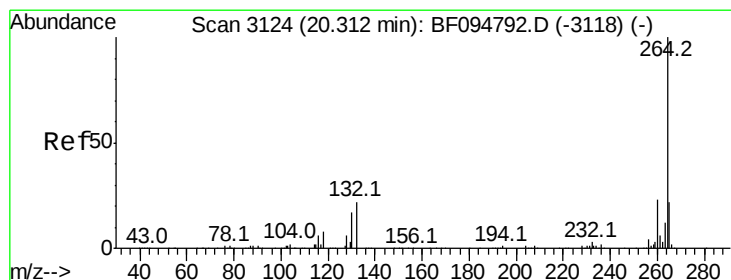
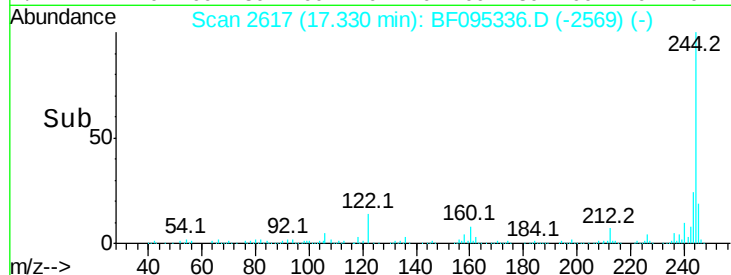
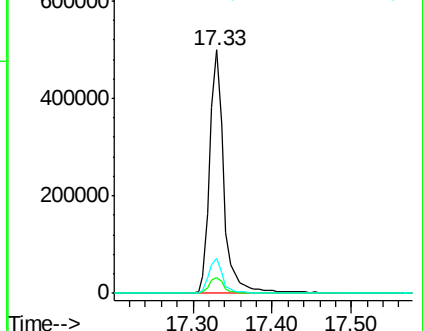
122 14.3 10.3 15.5



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 20.37 min Scan# 3133

Delta R.T. 0.00 min

Lab File: BF095336.D

Acq: 23 May 2017 5:05

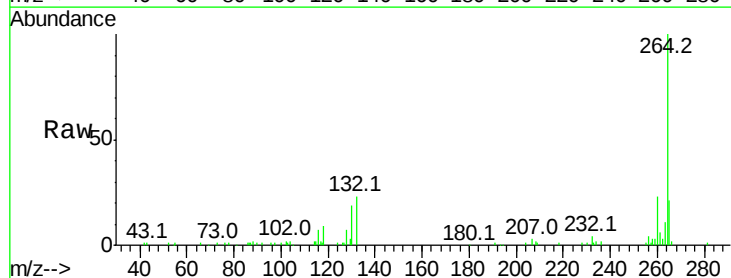
Tgt Ion:264 Resp: 134996

Ion Ratio Lower Upper

264 100

260 22.5 19.5 29.3

265 21.2 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

