

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090217\
 Data File : BF098265.D
 Acq On : 3 Sep 2017 00:16
 Operator : SJ/JU
 Sample : I5073-08 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3-4-COMP

Quant Time: Sep 04 08:39:36 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	100032	20.00	ng	-0.04
21) Naphthalene-d8	7.99	136	366431	20.00	ng	-0.04
38) Acenaphthene-d10	9.75	164	138551	20.00	ng	-0.04
63) Phenanthrene-d10	11.23	188	239927	20.00	ng	-0.04
75) Chrysene-d12	13.86	240	229624	20.00	ng	-0.04
86) Perylene-d12	15.28	264	179779	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	155485	23.64	ng	-0.04
7) Phenol-d6	6.35	99	210102	23.51	ng	-0.04
23) Nitrobenzene-d5	7.27	82	114709	17.01	ng	-0.05
41) 2,4,6-Tribromophenol	10.53	330	24428	20.32	ng	-0.04
44) 2-Fluorobiphenyl	9.07	172	178385	18.92	ng	-0.04
78) Terphenyl-d14	12.81	244	133201	12.10	ng	-0.04

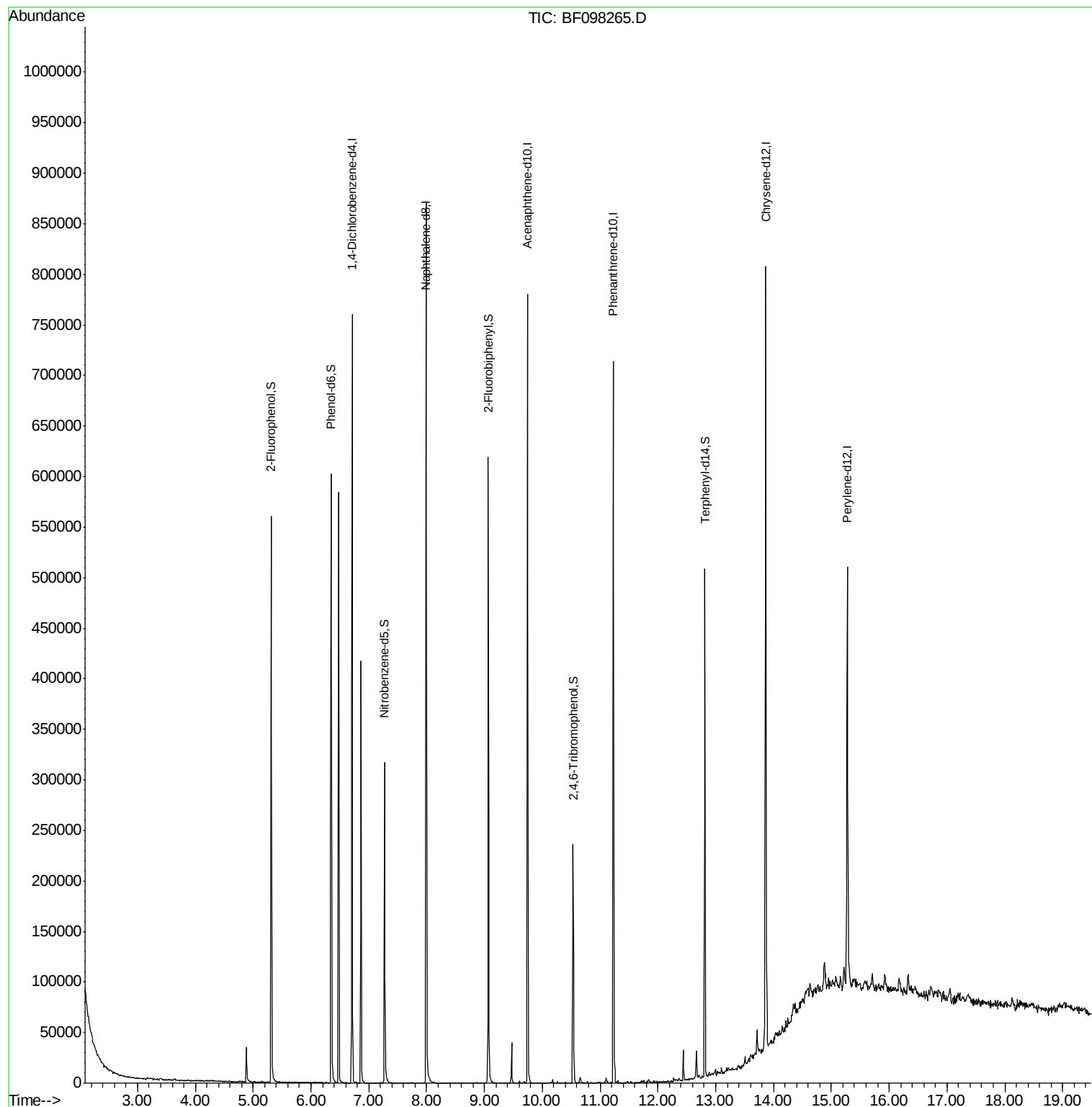
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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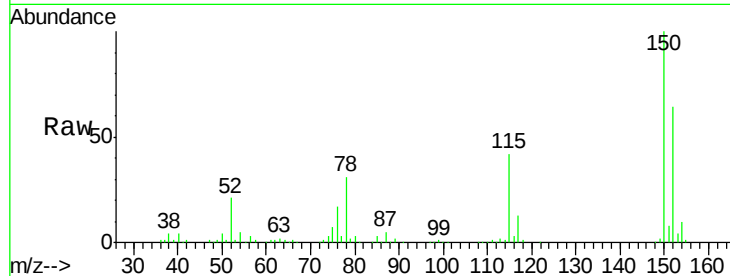


#1

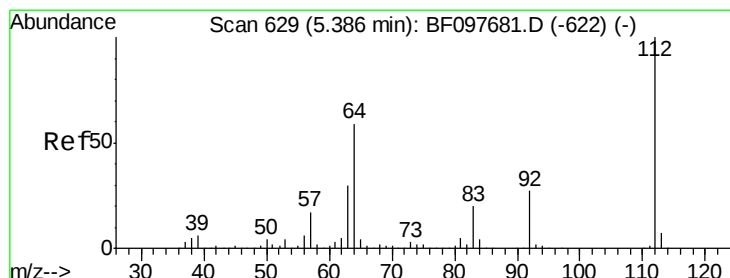
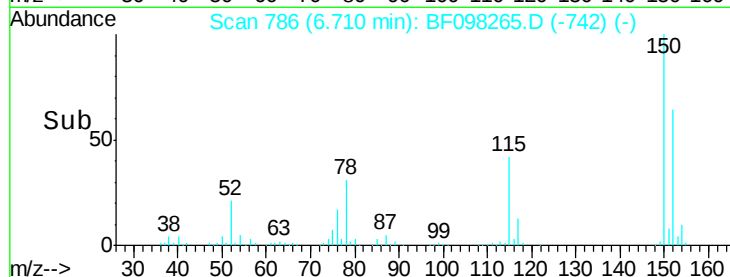
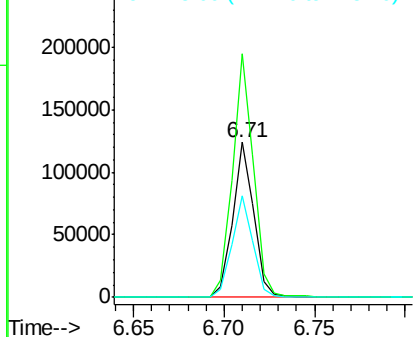
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.71 min Scan# 786
 Delta R.T. -0.04 min
 Lab File: BF098265.D
 Acq: 3 Sep 2017 00:16

Instrument :
 BNA_F
 ClientSampleId :
 TP-3-4-COMP

Tgt Ion:152 Resp: 100032
 Ion Ratio Lower Upper
 152 100
 150 156.9 126.2 189.2
 115 65.5 52.2 78.2



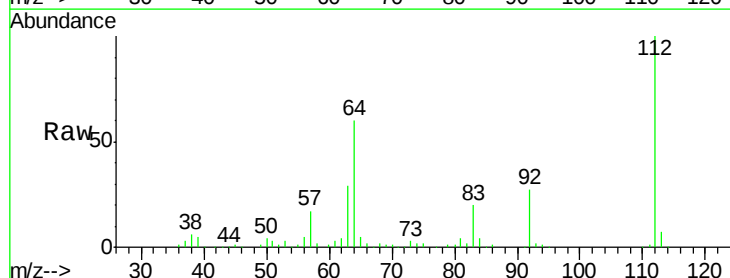
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



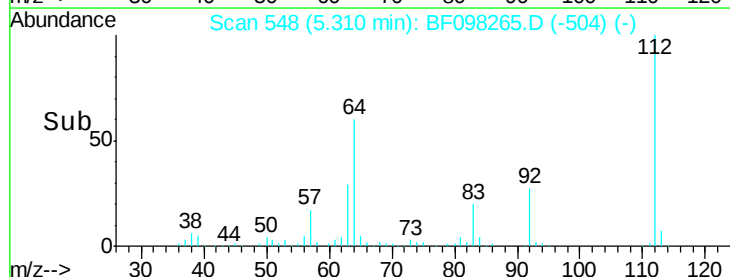
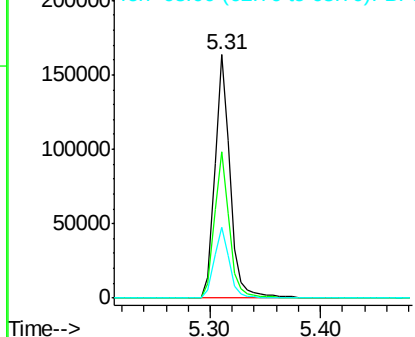
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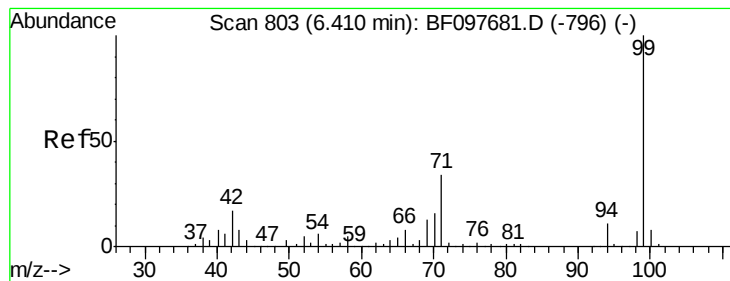
2-Fluorophenol
 Concen: 23.643 ng
 RT: 5.31 min Scan# 548
 Delta R.T. -0.04 min
 Lab File: BF098265.D
 Acq: 3 Sep 2017 00:16

Tgt Ion:112 Resp: 155485
 Ion Ratio Lower Upper
 112 100
 64 60.0 46.0 69.0
 63 29.3 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: 23.513 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.04 min

Lab File: BF098265.D

Acq: 3 Sep 2017 00:16

Instrument :

BNA_F

ClientSampleId :

TP-3-4-COMP

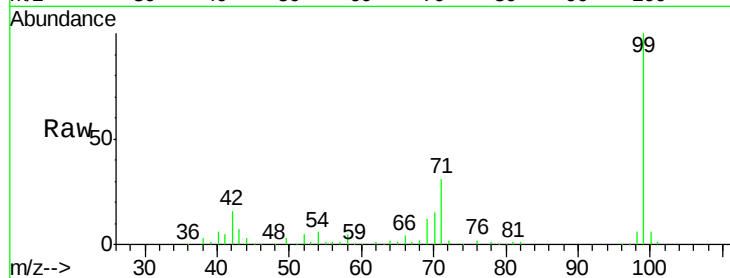
Tgt Ion: 99 Resp: 210102

Ion Ratio Lower Upper

99 100

42 15.6 13.5 20.3

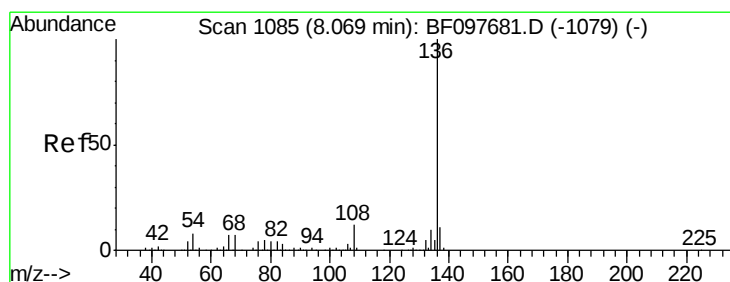
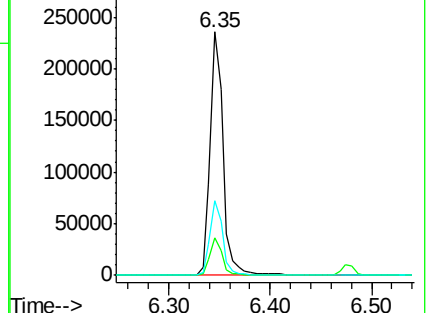
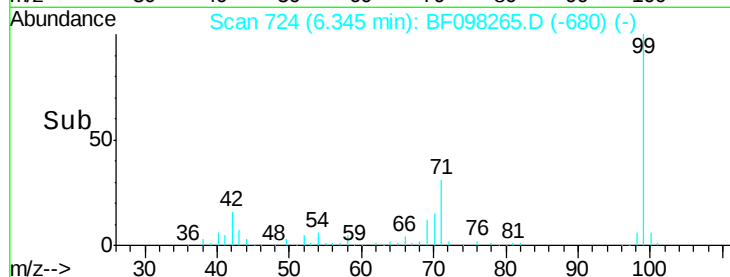
71 30.8 24.5 36.7



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: 20.000 ng

RT: 7.99 min Scan# 1004

Delta R.T. -0.04 min

Lab File: BF098265.D

Acq: 3 Sep 2017 00:16

Tgt Ion: 136 Resp: 366431

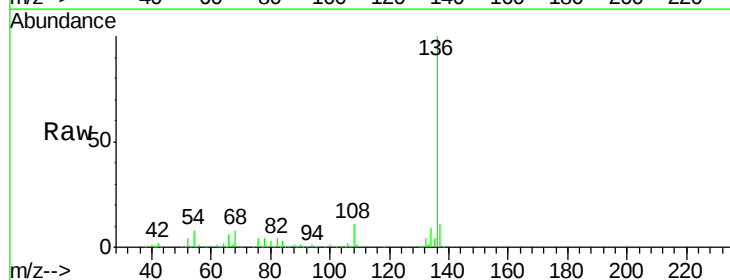
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 7.8 4.9 7.3#

68 7.9 4.1 6.1#

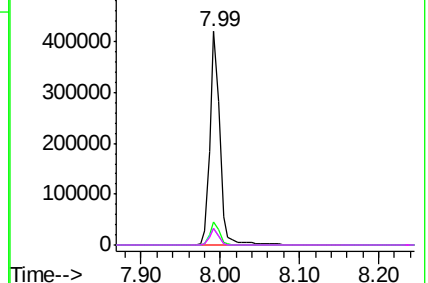
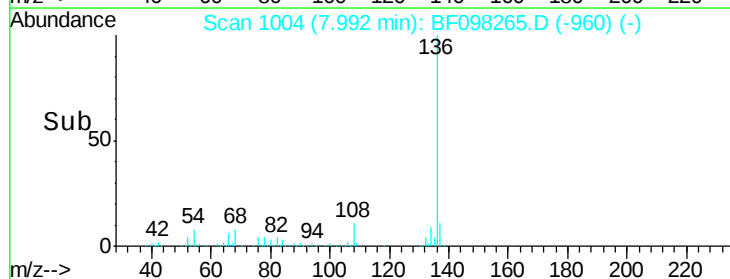


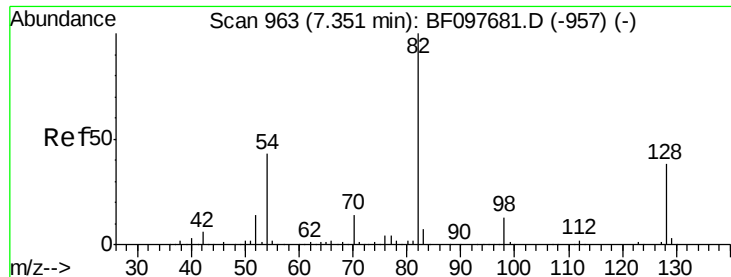
Abundance Ion 136.00 (135.70 to 136.70): E

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

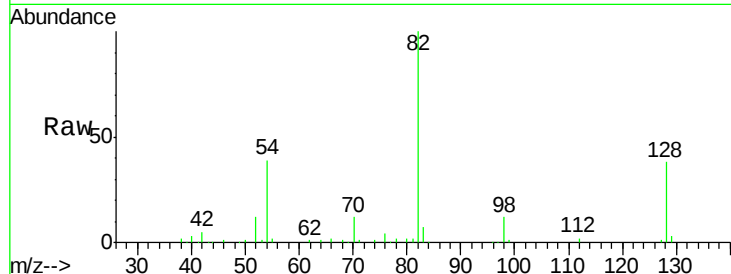




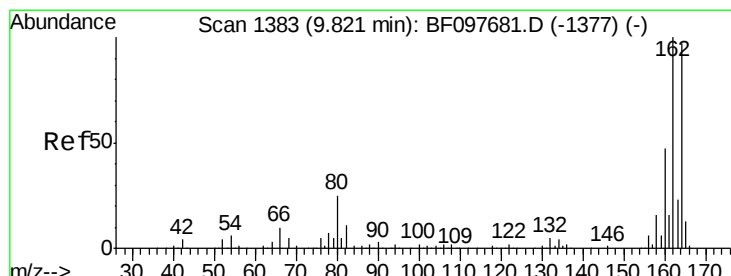
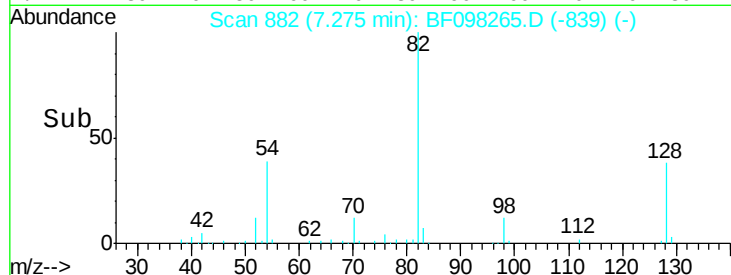
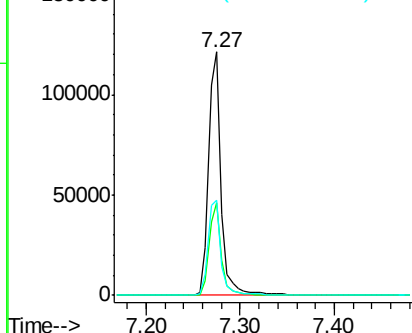
#23
 Nitrobenzene-d5
 Concen: 17.006 ng
 RT: 7.27 min Scan# 882
 Delta R.T. -0.05 min
 Lab File: BF098265.D
 Acq: 3 Sep 2017 00:16

Instrument :
 BNA_F
 ClientSampleId :
 TP-3-4-COMP

Tgt Ion: 82 Resp: 114709
 Ion Ratio Lower Upper
 82 100
 128 38.0 34.0 51.0
 54 39.2 42.2 63.2#

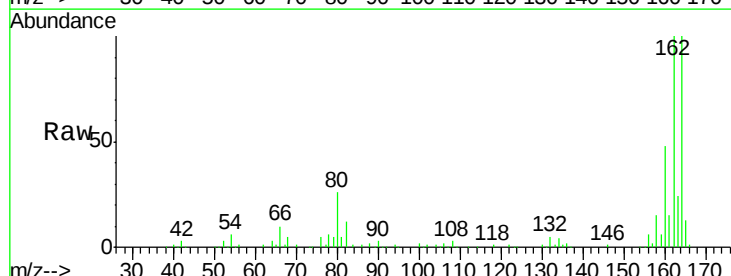


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): B

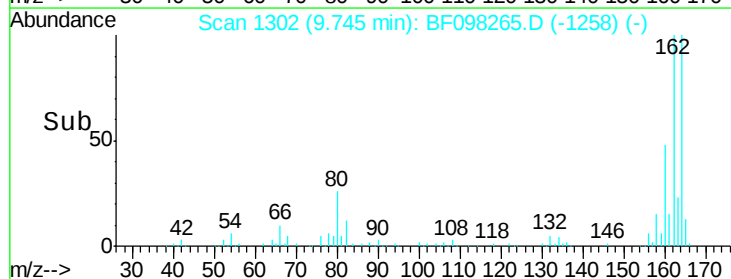
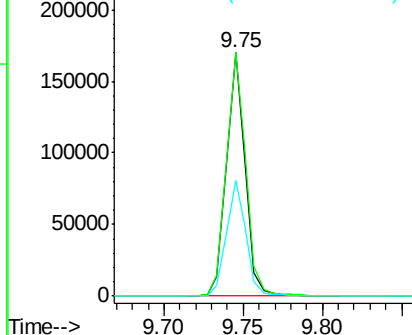


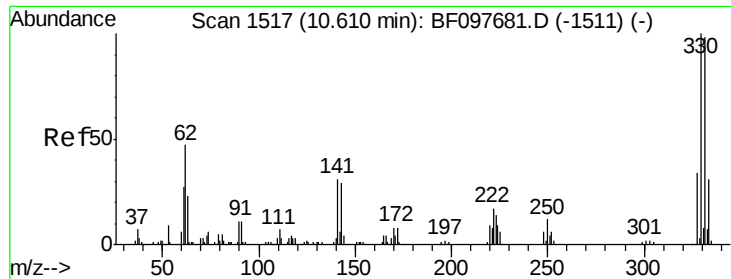
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. -0.04 min
 Lab File: BF098265.D
 Acq: 3 Sep 2017 00:16

Tgt Ion: 164 Resp: 138551
 Ion Ratio Lower Upper
 164 100
 162 99.9 82.6 123.8
 160 47.6 36.2 54.2



Abundance Ion 164.00 (163.70 to 164.70): B
 Ion 162.00 (161.70 to 162.70): B
 Ion 160.00 (159.70 to 160.70): B

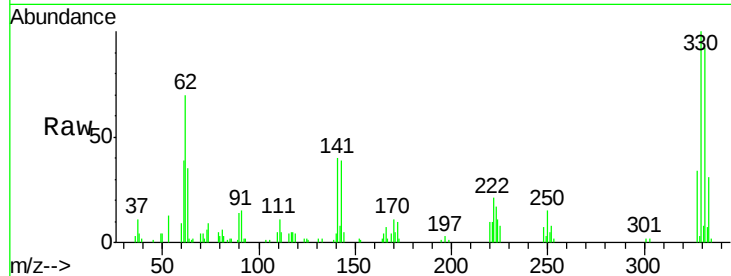




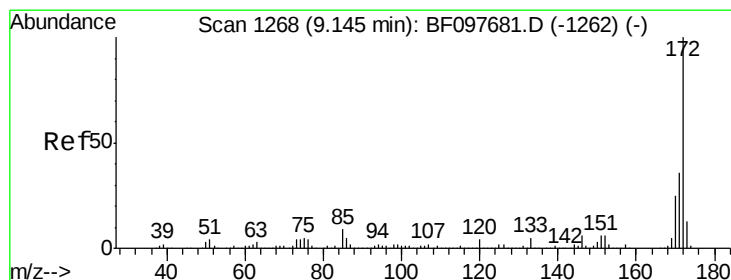
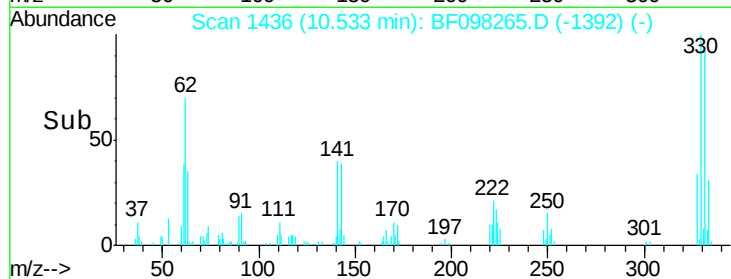
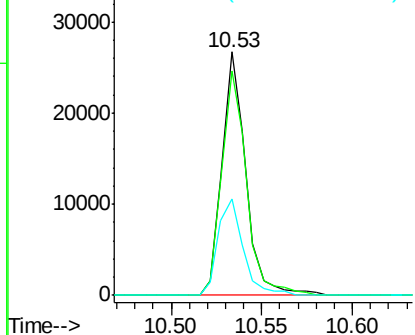
#41
 2,4,6-Tribromophenol
 Concen: 20.320 ng
 RT: 10.53 min Scan# 1436
 Delta R.T. -0.04 min
 Lab File: BF098265.D
 Acq: 3 Sep 2017 00:16

Instrument :
 BNA_F
 ClientSampleId :
 TP-3-4-COMP

Tgt Ion:330 Resp: 24428
 Ion Ratio Lower Upper
 330 100
 332 95.8 76.6 115.0
 141 41.8 31.4 47.2

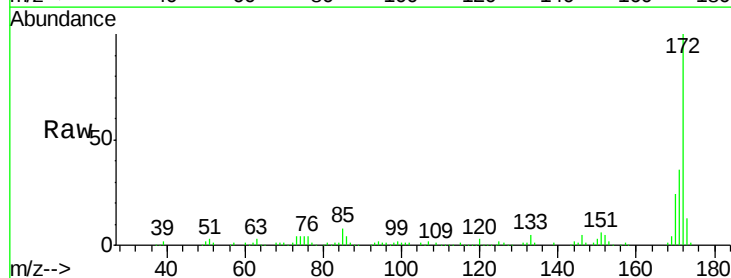


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

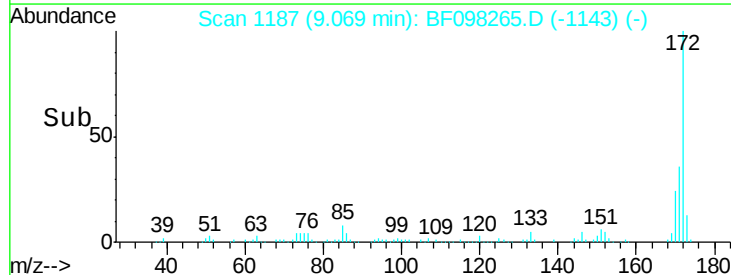
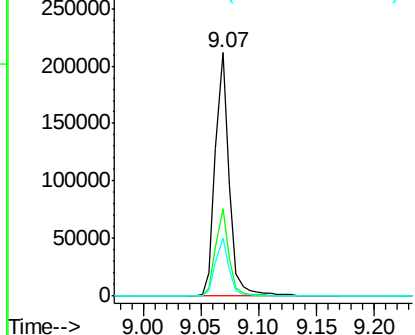


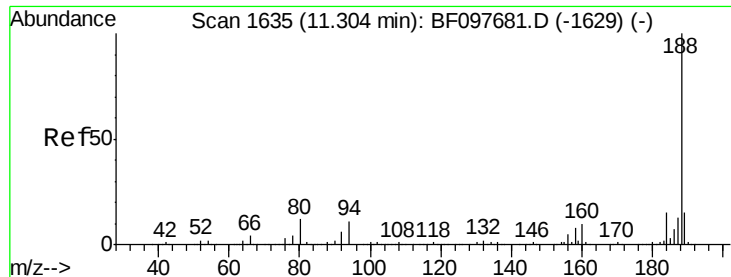
#44
 2-Fluorobiphenyl
 Concen: 18.916 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.04 min
 Lab File: BF098265.D
 Acq: 3 Sep 2017 00:16

Tgt Ion:172 Resp: 178385
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.6 44.4
 170 23.9 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: 20.000 ng

RT: 11.23 min Scan# 1554

Delta R.T. -0.04 min

Lab File: BF098265.D

Acq: 3 Sep 2017 00:16

Instrument :

BNA_F

ClientSampleId :

TP-3-4-COMP

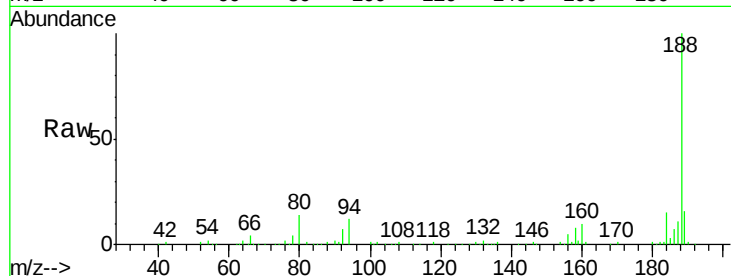
Tgt Ion:188 Resp: 239927

Ion Ratio Lower Upper

188 100

94 11.9 9.4 14.2

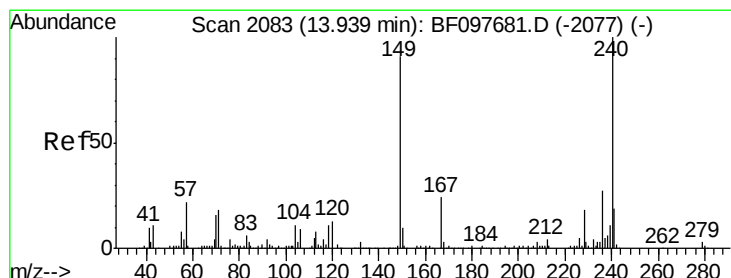
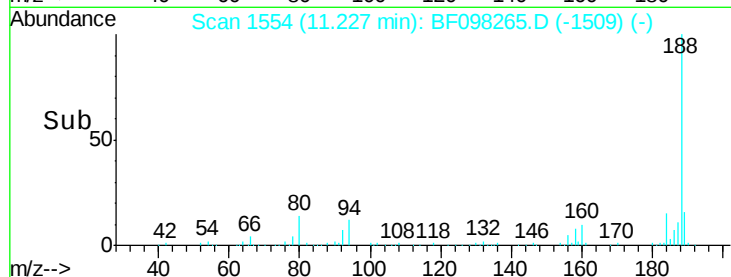
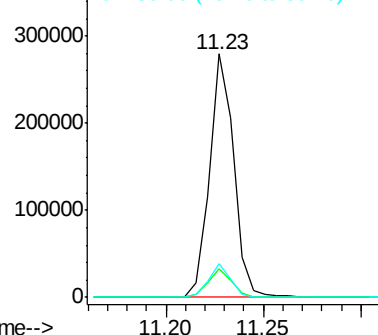
80 13.8 10.2 15.2



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: 20.000 ng

RT: 13.86 min Scan# 2002

Delta R.T. -0.04 min

Lab File: BF098265.D

Acq: 3 Sep 2017 00:16

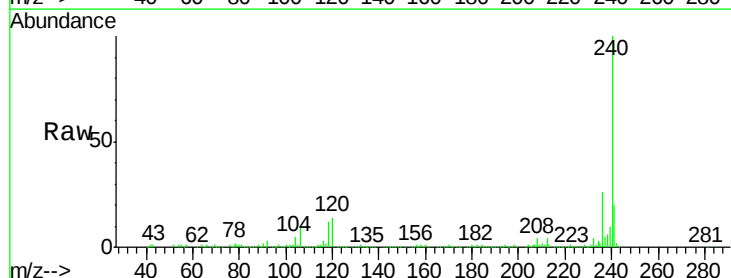
Tgt Ion:240 Resp: 229624

Ion Ratio Lower Upper

240 100

120 14.4 5.8 8.8#

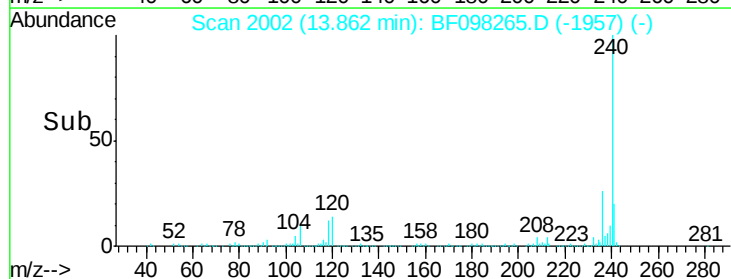
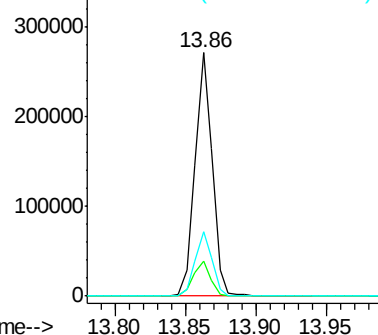
236 26.5 20.5 30.7

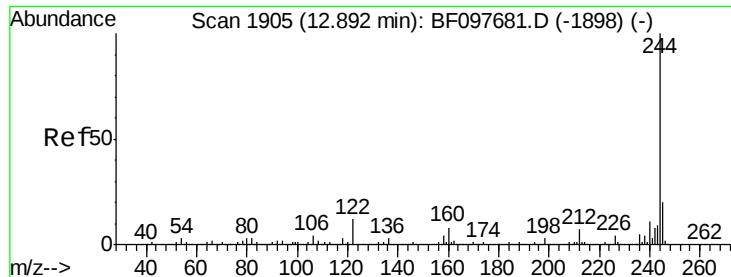


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

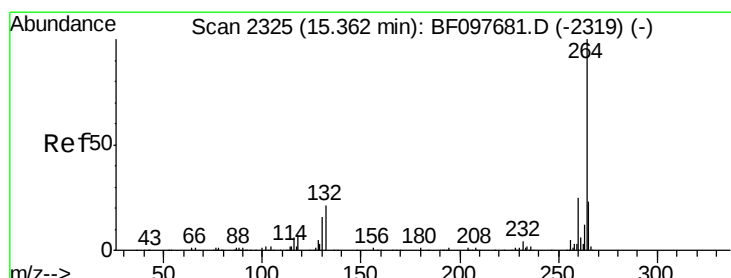
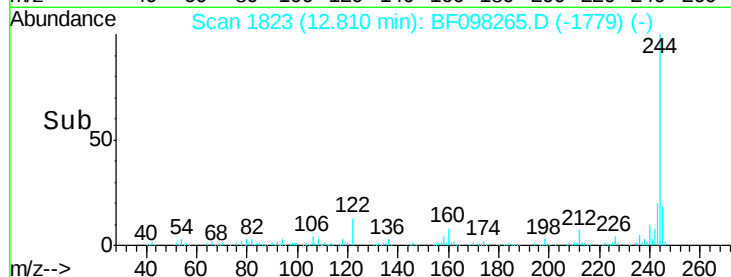
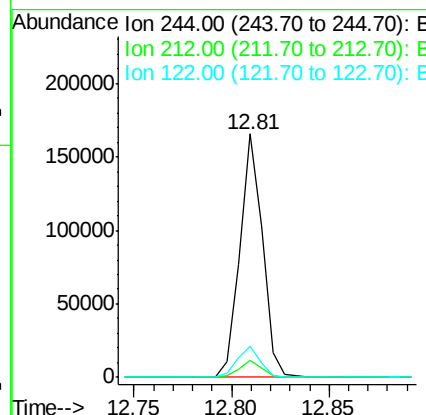
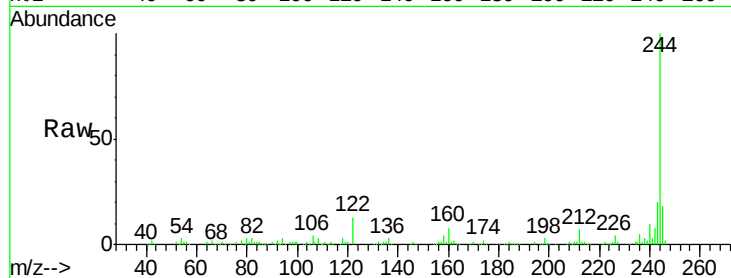




#78
 Terphenyl-d14
 Concen: 12.097 ng
 RT: 12.81 min Scan# 1823
 Delta R.T. -0.04 min
 Lab File: BF098265.D
 Acq: 3 Sep 2017 00:16

Instrument :
 BNA_F
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 TP-3-4-COMP

Tgt Ion:244 Resp: 133201
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 13.0 10.3 15.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.28 min Scan# 2243
 Delta R.T. -0.03 min
 Lab File: BF098265.D
 Acq: 3 Sep 2017 00:16

Tgt Ion:264 Resp: 179779
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.5 29.3
 265 21.1 17.2 25.8

