

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071117\
 Data File : BF096646.D
 Acq On : 11 Jul 2017 16:05
 Operator : SJ/JU
 Sample : I4120-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-12-COMP

Quant Time: Jul 11 17:57:16 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 07 13:02:33 2017
 Response via : Initial Calibration

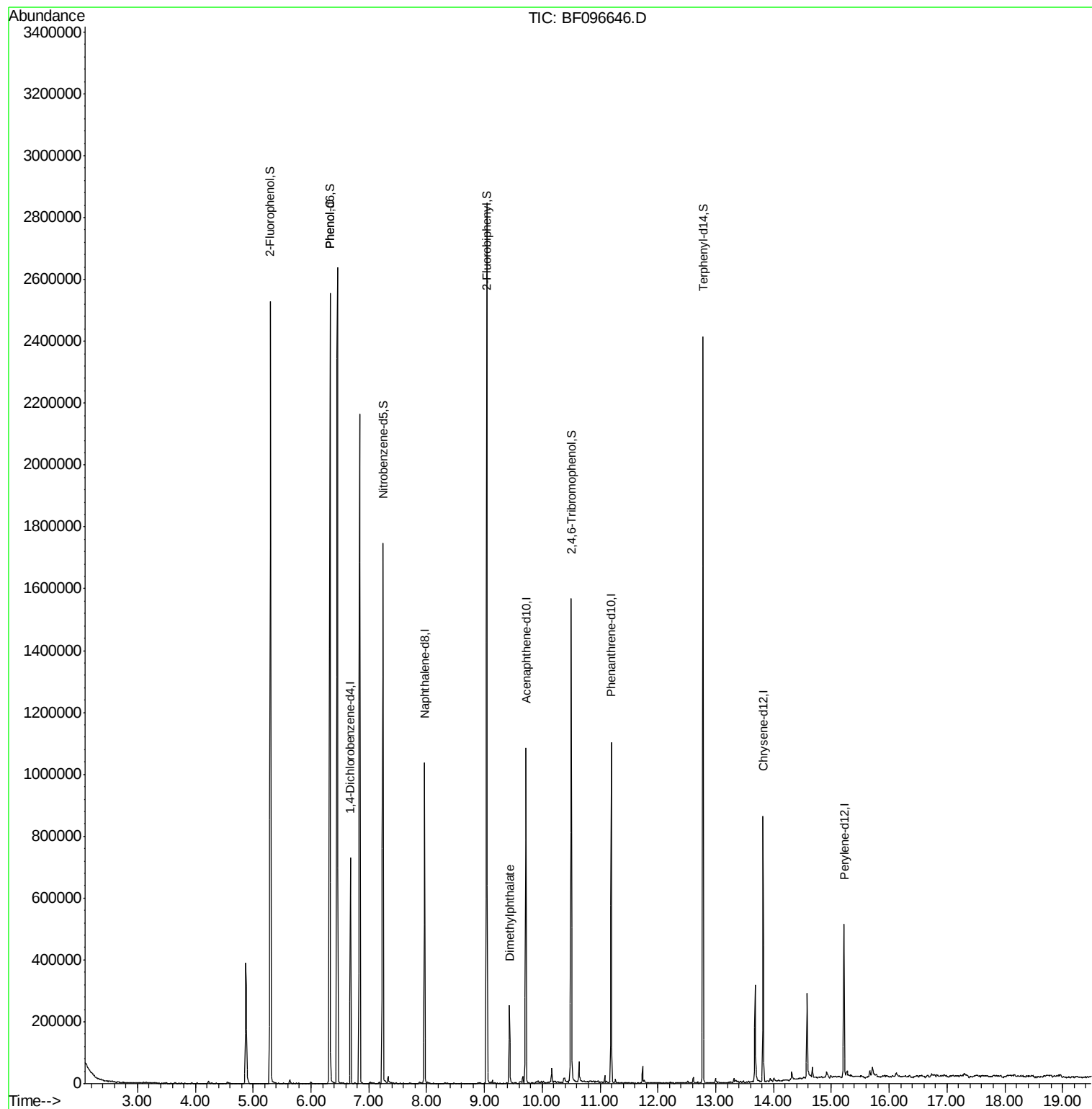
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	105837	20.00	ng	-0.02
21) Naphthalene-d8	7.96	136	482125	20.00	ng	-0.02
38) Acenaphthene-d10	9.72	164	209367	20.00	ng	-0.02
63) Phenanthrene-d10	11.19	188	369386	20.00	ng	-0.02
75) Chrysene-d12	13.82	240	275546	20.00	ng	-0.02
86) Perylene-d12	15.22	264	204926	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	752055	104.88	ng	-0.01
7) Phenol-d6	6.33	99	909683	103.19	ng	-0.02
23) Nitrobenzene-d5	7.25	82	547873	68.29	ng	-0.02
41) 2,4,6-Tribromophenol	10.50	330	196551	120.18	ng	-0.02
44) 2-Fluorobiphenyl	9.05	172	1002578	81.87	ng	-0.02
78) Terphenyl-d14	12.78	244	783172	60.73	ng	-0.02
Target Compounds						
10) Phenol	6.33	94	26653	2.654	ng	84
49) Dimethylphthalate	9.43	163	97965	6.268	ng	98

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

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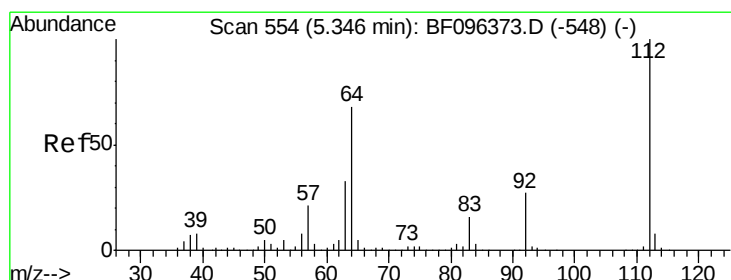
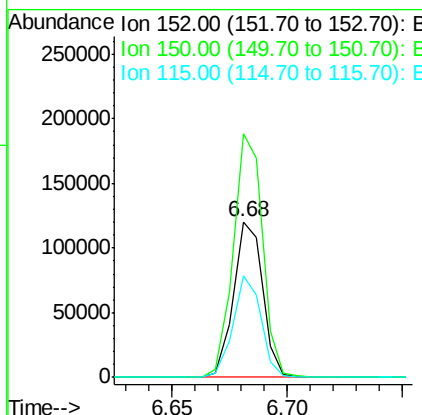
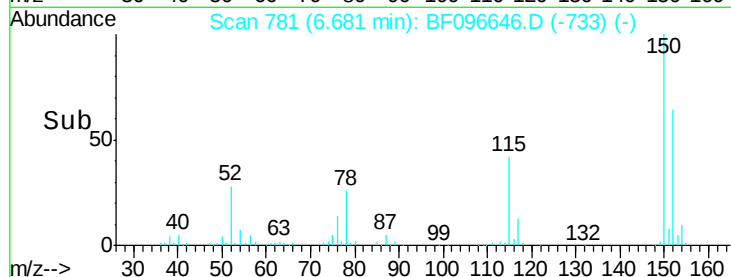
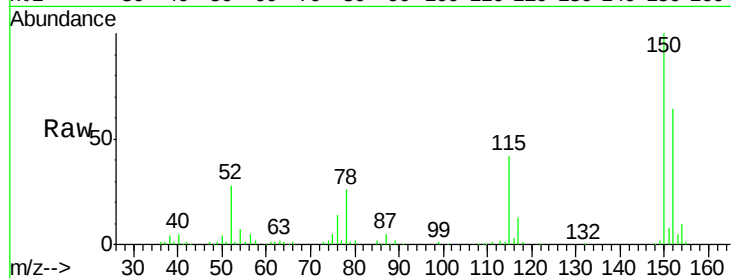




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.68 min Scan# 781
 Delta R.T. -0.02 min
 Lab File: BF096646.D
 Acq: 11 Jul 2017 16:05

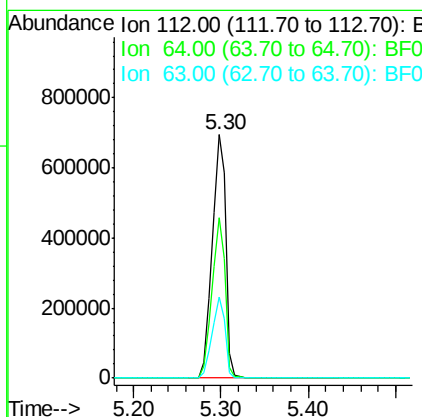
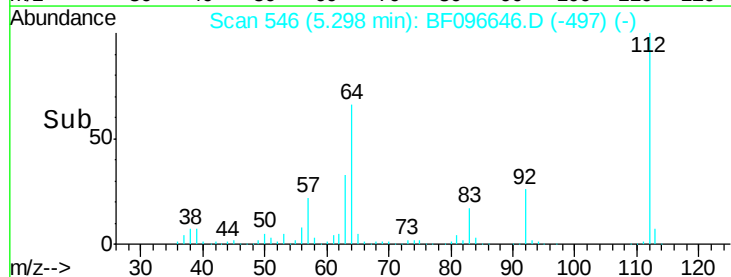
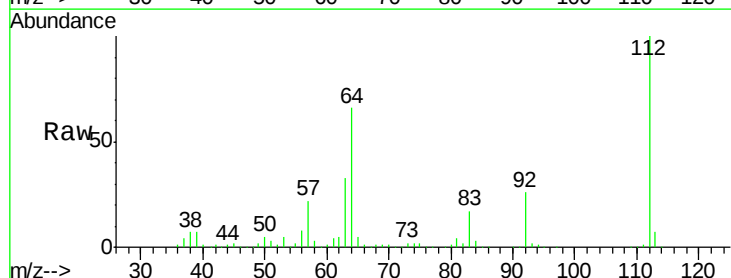
Instrument :
 BNA_F
 ClientSampleId :
 TP-12-COMP

Tgt Ion:152 Resp: 105837
 Ion Ratio Lower Upper
 152 100
 150 156.5 126.2 189.2
 115 65.2 52.2 78.2



#5
 2-Fluorophenol
 Concen: 104.879 ng
 RT: 5.30 min Scan# 546
 Delta R.T. -0.01 min
 Lab File: BF096646.D
 Acq: 11 Jul 2017 16:05

Tgt Ion:112 Resp: 752055
 Ion Ratio Lower Upper
 112 100
 64 66.1 46.0 69.0
 63 33.3 23.4 35.0





#7

Phenol-d6

Concen: 103.193 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.02 min

Lab File: BF096646.D

Acq: 11 Jul 2017 16:05

Instrument :

BNA_F

ClientSampleId :

TP-12-COMP

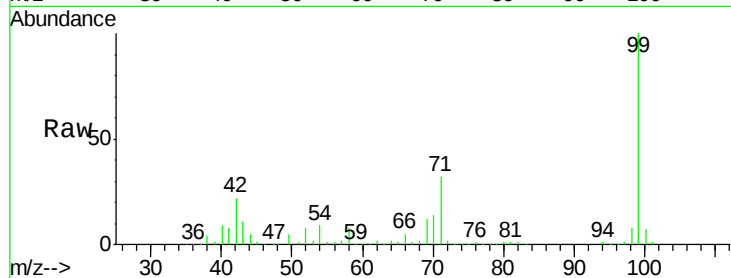
Tgt Ion: 99 Resp: 909683

Ion Ratio Lower Upper

99 100

42 21.9 13.5 20.3#

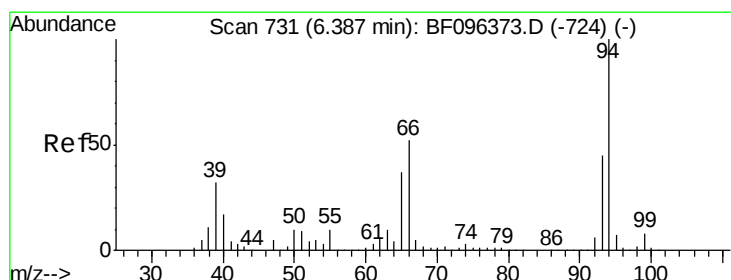
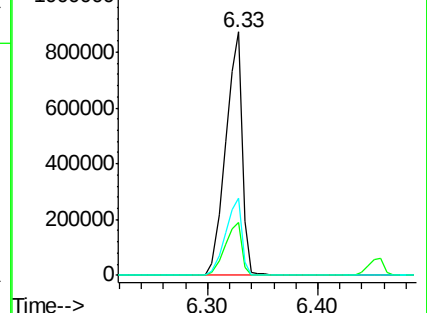
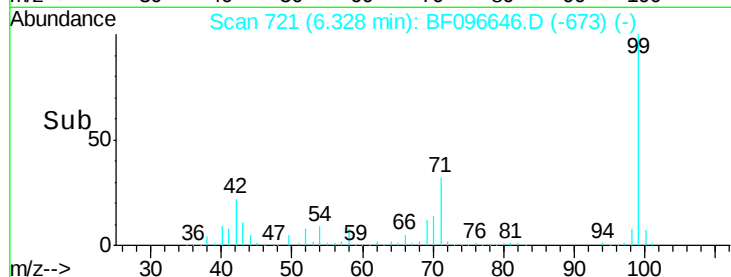
71 31.6 24.5 36.7



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



#10

Phenol

Concen: 2.654 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.02 min

Lab File: BF096646.D

Acq: 11 Jul 2017 16:05

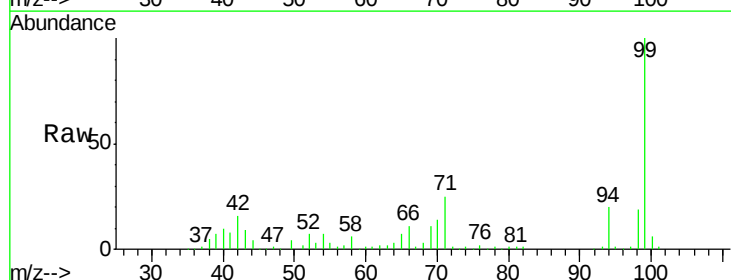
Tgt Ion: 94 Resp: 26653

Ion Ratio Lower Upper

94 100

65 34.8 9.9 49.9

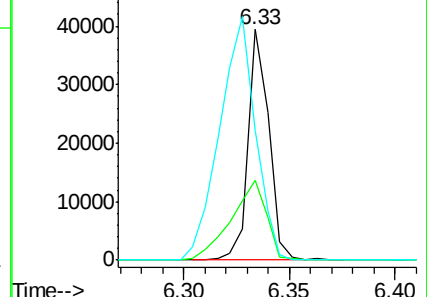
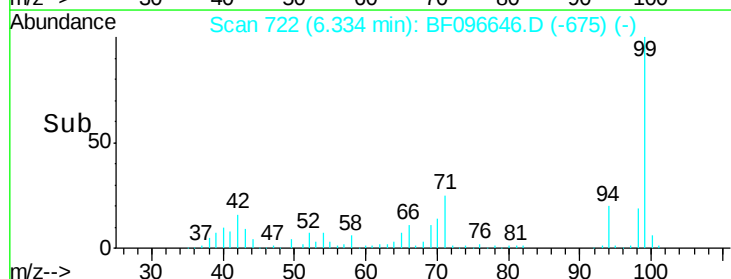
66 56.4 23.1 63.1

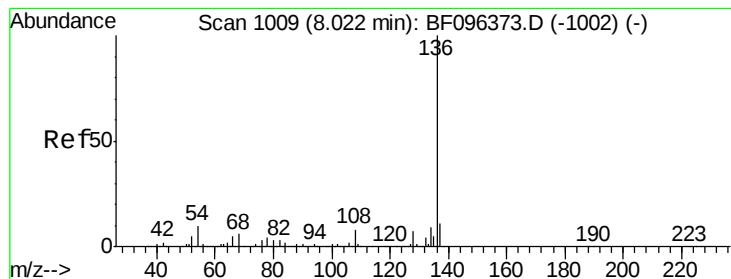


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.96 min Scan# 999

Delta R.T. -0.02 min

Lab File: BF096646.D

Acq: 11 Jul 2017 16:05

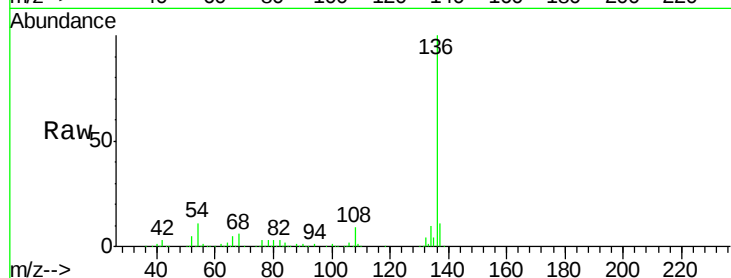
Instrument :

BNA_F

ClientSampleId :

TP-12-COMP

Tgt Ion:	136	Resp:	482125
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	10.5	4.9	7.3#
68	5.7	4.1	6.1

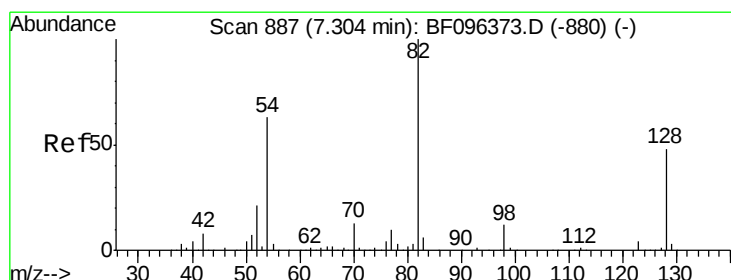
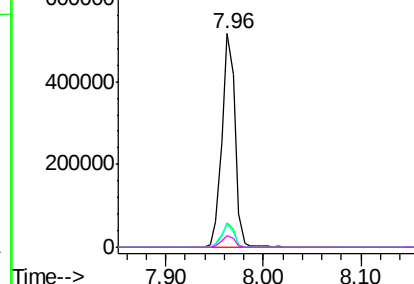
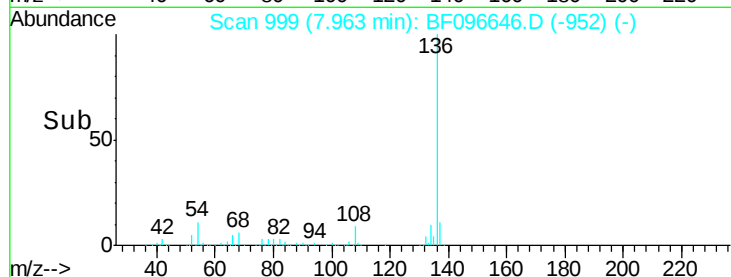


Abundance Ion 136.00 (135.70 to 136.70): E

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: 68.285 ng

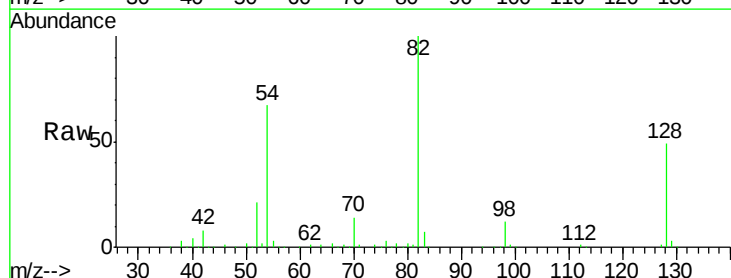
RT: 7.25 min Scan# 877

Delta R.T. -0.02 min

Lab File: BF096646.D

Acq: 11 Jul 2017 16:05

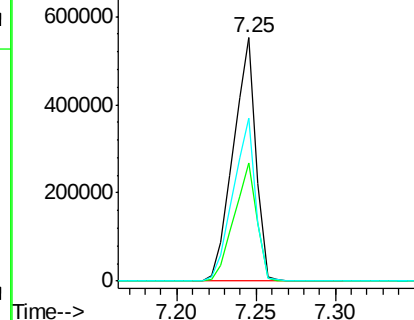
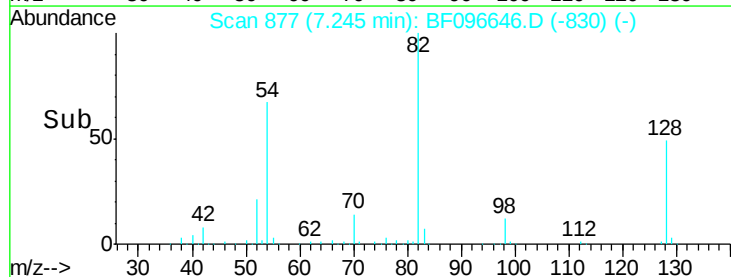
Tgt Ion:	82	Resp:	547873
Ion	Ratio	Lower	Upper
82	100		
128	48.7	34.0	51.0
54	66.8	42.2	63.2#

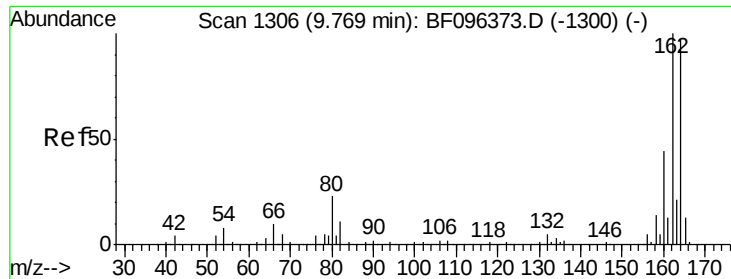


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.02 min

Lab File: BF096646.D

Acq: 11 Jul 2017 16:05

Instrument :

BNA_F

ClientSampleId :

TP-12-COMP

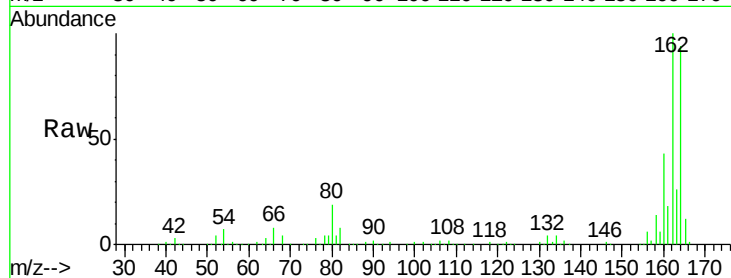
Tgt Ion:164 Resp: 209367

Ion Ratio Lower Upper

164 100

162 106.8 82.6 123.8

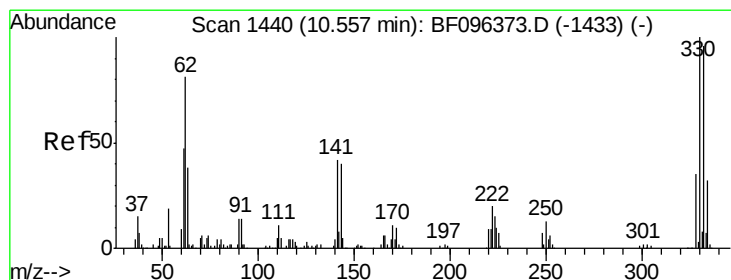
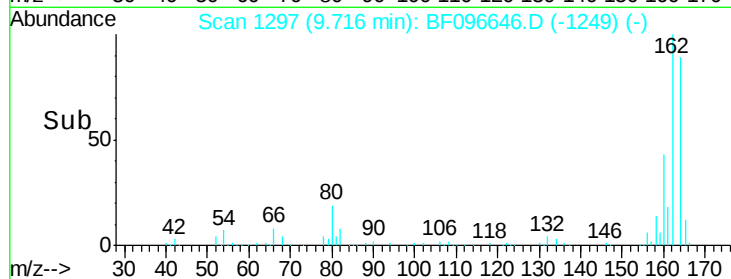
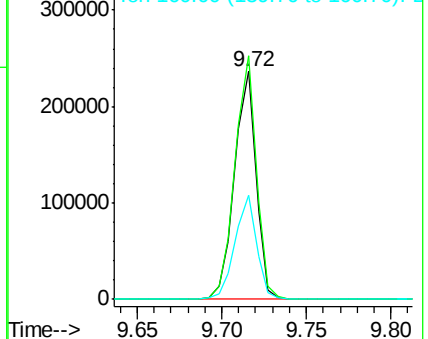
160 45.4 36.2 54.2



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: 120.184 ng

RT: 10.50 min Scan# 1431

Delta R.T. -0.02 min

Lab File: BF096646.D

Acq: 11 Jul 2017 16:05

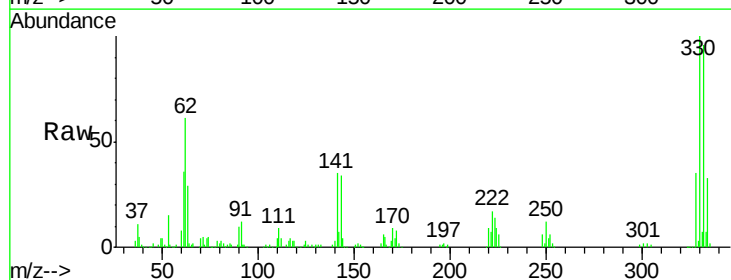
Tgt Ion:330 Resp: 196551

Ion Ratio Lower Upper

330 100

332 95.7 76.6 115.0

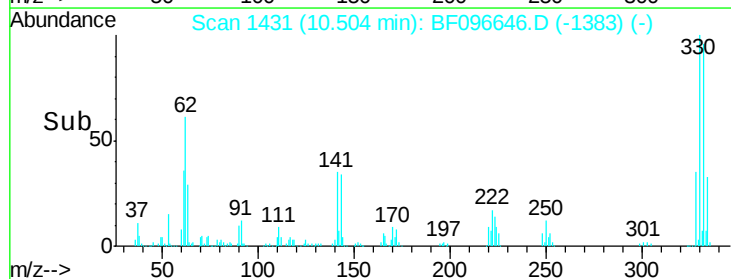
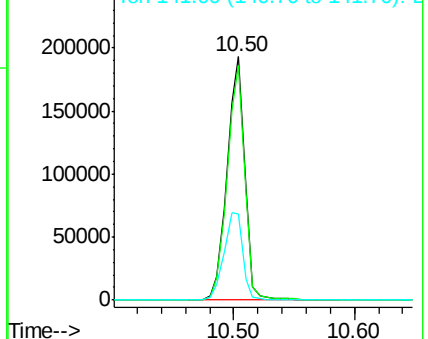
141 38.2 31.4 47.2

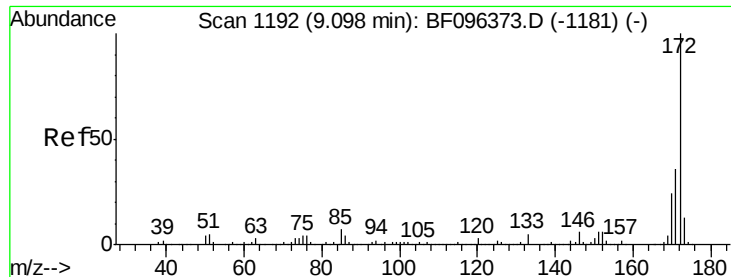


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

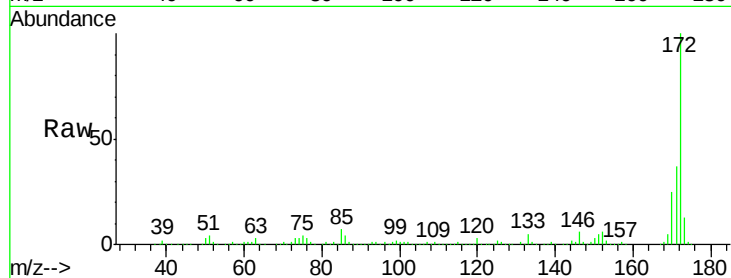




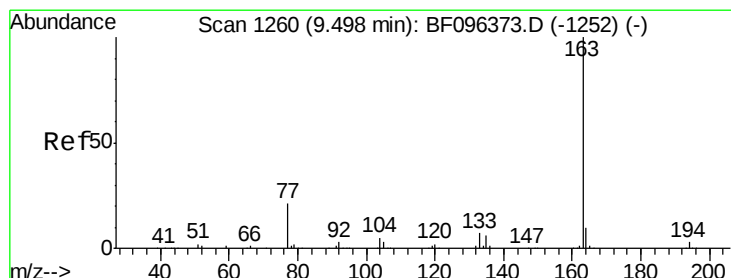
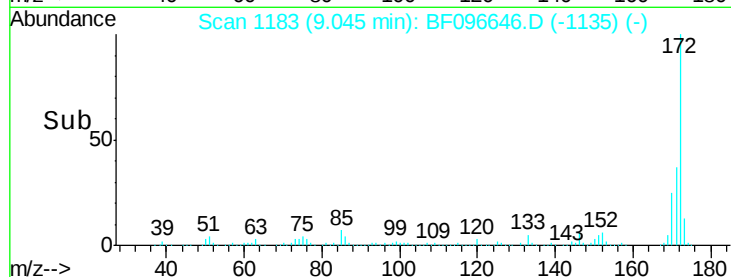
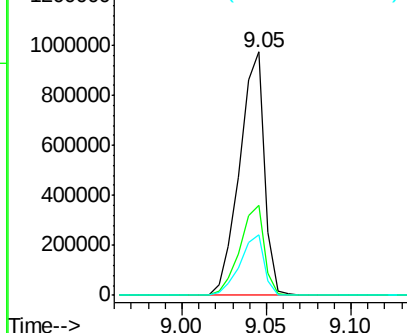
#44
 2-Fluorobiphenyl
 Concen: 81.874 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.02 min
 Lab File: BF096646.D
 Acq: 11 Jul 2017 16:05

Instrument :
 BNA_F
 ClientSampleId :
 TP-12-COMP

Tgt Ion:172 Resp: 1002578
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.6 44.4
 170 24.7 19.8 29.8

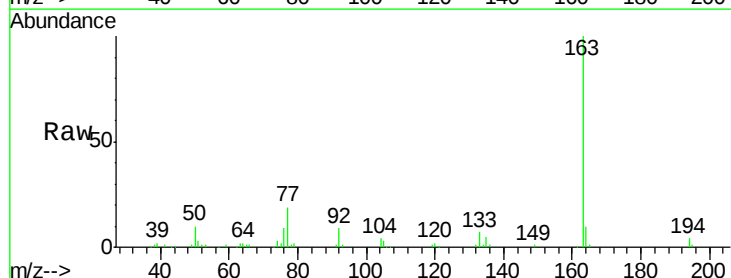


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

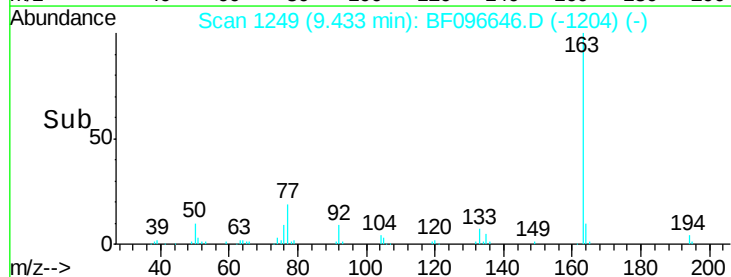
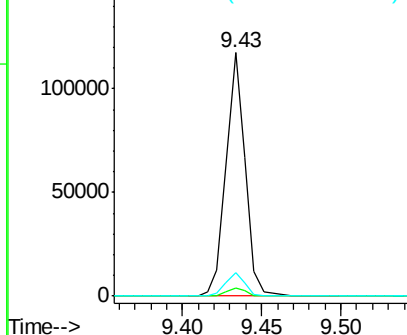


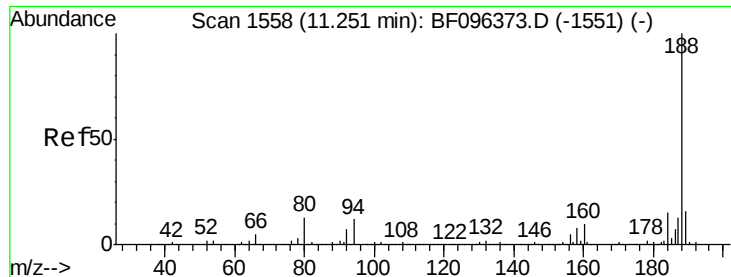
#49
 Dimethylphthalate
 Concen: 6.268 ng
 RT: 9.43 min Scan# 1249
 Delta R.T. -0.04 min
 Lab File: BF096646.D
 Acq: 11 Jul 2017 16:05

Tgt Ion:163 Resp: 97965
 Ion Ratio Lower Upper
 163 100
 194 3.5 2.6 4.0
 164 9.7 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

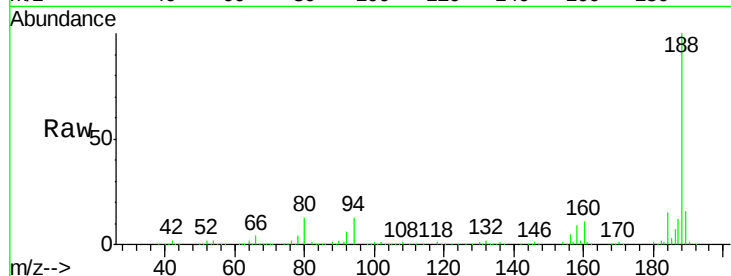




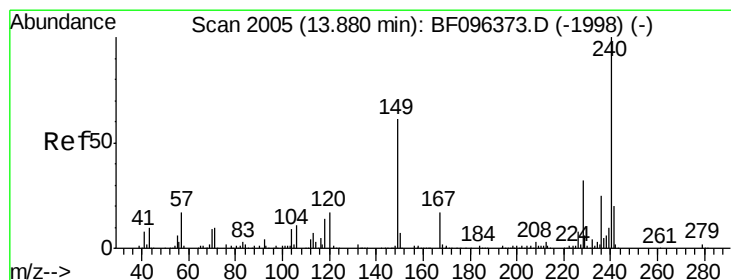
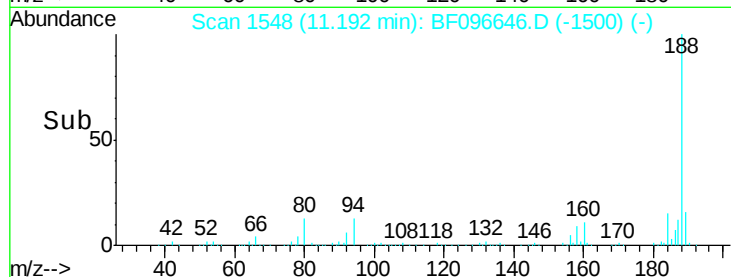
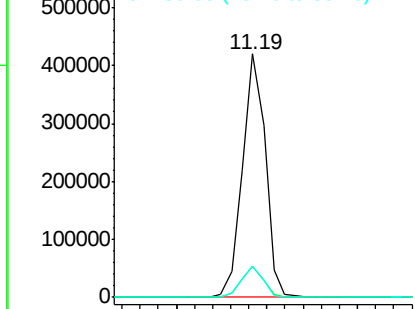
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.19 min Scan# 1548
 Delta R.T. -0.02 min
 Lab File: BF096646.D
 Acq: 11 Jul 2017 16:05

Instrument :
 BNA_F
 ClientSampleId :
 TP-12-COMP

Tgt Ion:188 Resp: 369386
 Ion Ratio Lower Upper
 188 100
 94 12.7 9.4 14.2
 80 13.0 10.2 15.2

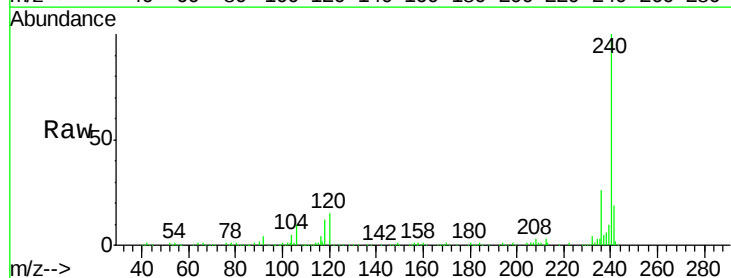


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

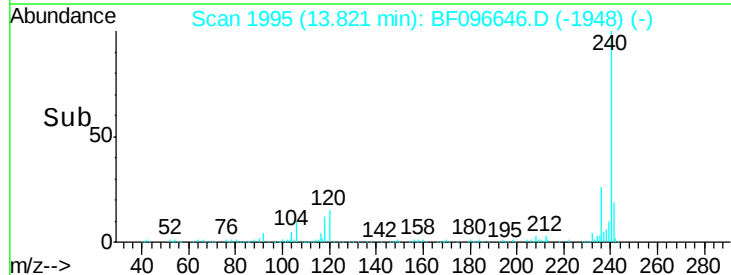
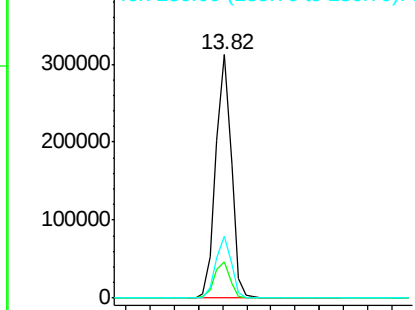


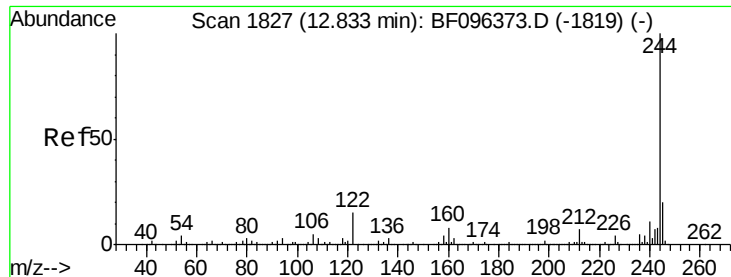
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.82 min Scan# 1995
 Delta R.T. -0.02 min
 Lab File: BF096646.D
 Acq: 11 Jul 2017 16:05

Tgt Ion:240 Resp: 275546
 Ion Ratio Lower Upper
 240 100
 120 14.7 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

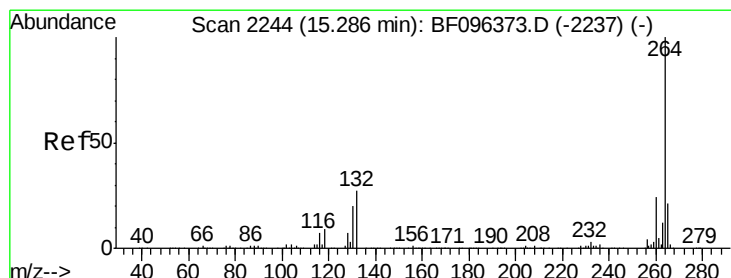
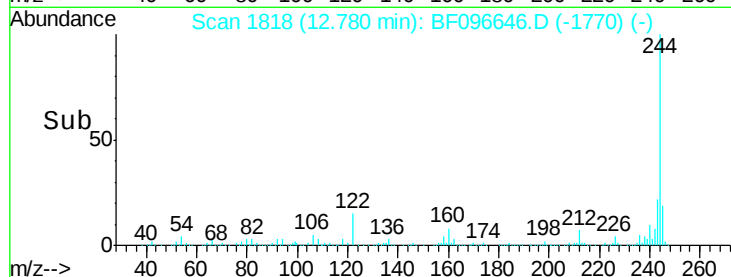
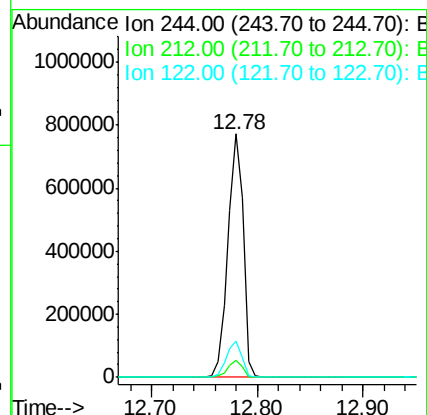
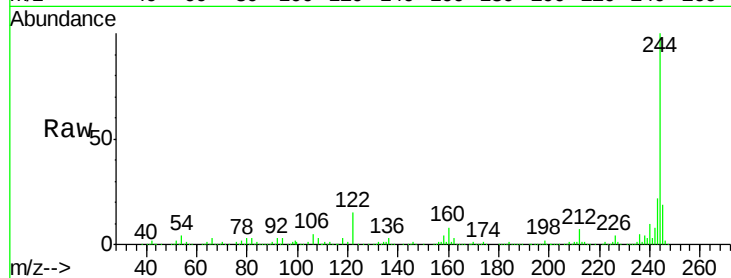




#78
 Terphenyl-d14
 Concen: 60.734 ng
 RT: 12.78 min Scan# 1818
 Delta R.T. -0.02 min
 Lab File: BF096646.D
 Acq: 11 Jul 2017 16:05

Instrument :
 BNA_F
 ClientSampleId :
 TP-12-COMP

Tgt Ion: 244 Resp: 783172
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 14.9 10.3 15.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.22 min Scan# 2233
 Delta R.T. -0.02 min
 Lab File: BF096646.D
 Acq: 11 Jul 2017 16:05

Tgt Ion: 264 Resp: 204926
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.5 29.3
 265 21.6 17.2 25.8

