

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071217\
 Data File : BF096704.D
 Acq On : 12 Jul 2017 21:03
 Operator : SJ/JU
 Sample : I4140-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP-09

Quant Time: Jul 13 03:08:31 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

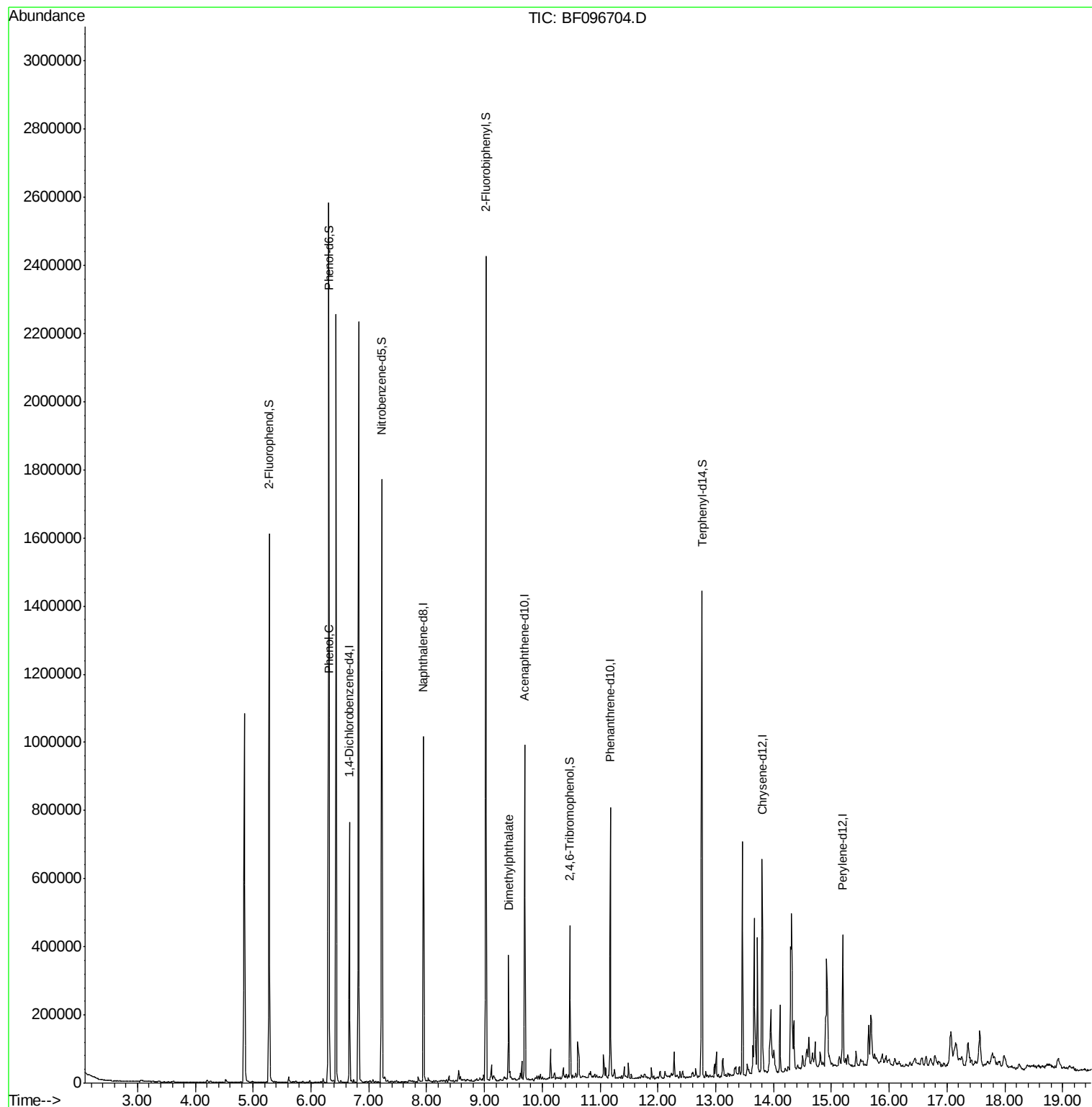
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	116860	20.00	ng	-0.03
21) Naphthalene-d8	7.95	136	462229	20.00	ng	-0.04
38) Acenaphthene-d10	9.70	164	179204	20.00	ng	-0.04
63) Phenanthrene-d10	11.17	188	271705	20.00	ng	-0.04
75) Chrysene-d12	13.80	240	190797	20.00	ng	-0.04
86) Perylene-d12	15.20	264	162146	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	463798	58.58	ng	-0.04
7) Phenol-d6	6.31	99	896821	92.14	ng	-0.04
23) Nitrobenzene-d5	7.23	82	574810	74.73	ng	-0.04
41) 2,4,6-Tribromophenol	10.48	330	41473	29.63	ng	-0.04
44) 2-Fluorobiphenyl	9.03	172	762392	72.74	ng	-0.04
78) Terphenyl-d14	12.76	244	451140	50.53	ng	-0.04
Target Compounds						
10) Phenol	6.32	94	25649	2.313	ng	90
49) Dimethylphthalate	9.42	163	149320	11.162	ng	98

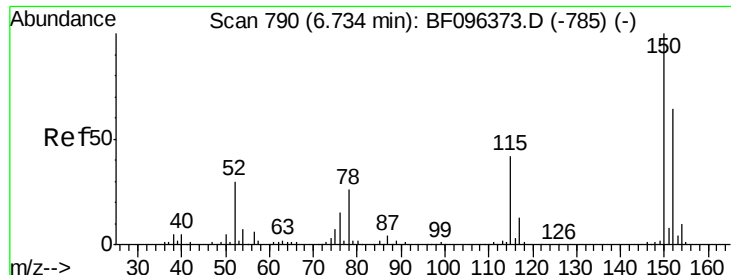
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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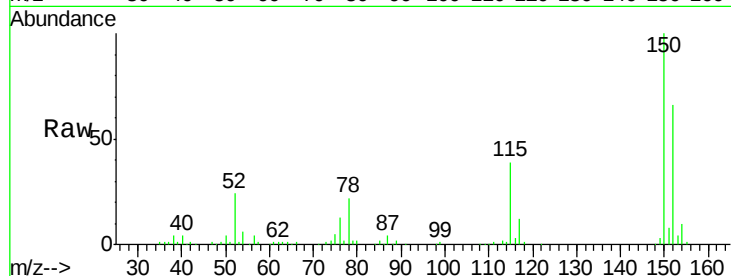


#1

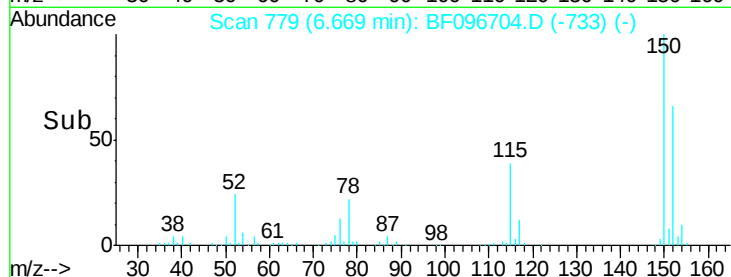
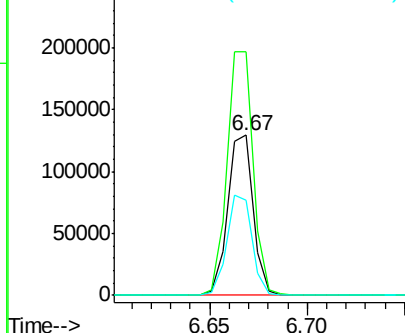
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 779
Delta R.T. -0.03 min
Lab File: BF096704.D
Acq: 12 Jul 2017 21:03

Instrument :
BNA_F
ClientSampleId :
EP-09

Tgt Ion:152 Resp: 116860
Ion Ratio Lower Upper
152 100
150 152.3 126.2 189.2
115 59.6 52.2 78.2



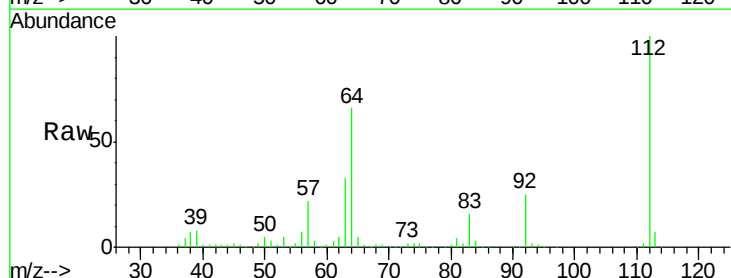
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



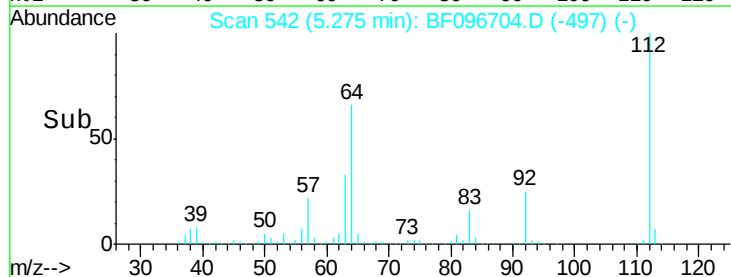
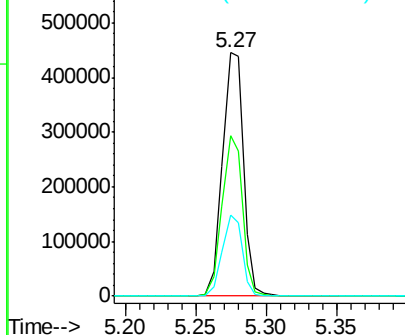
#5

2-Fluorophenol
Concen: 58.579 ng
RT: 5.27 min Scan# 542
Delta R.T. -0.04 min
Lab File: BF096704.D
Acq: 12 Jul 2017 21:03

Tgt Ion:112 Resp: 463798
Ion Ratio Lower Upper
112 100
64 66.1 46.0 69.0
63 33.1 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: 92.137 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.04 min

Lab File: BF096704.D

Acq: 12 Jul 2017 21:03

Instrument :

BNA_F

ClientSampled :

EP-09

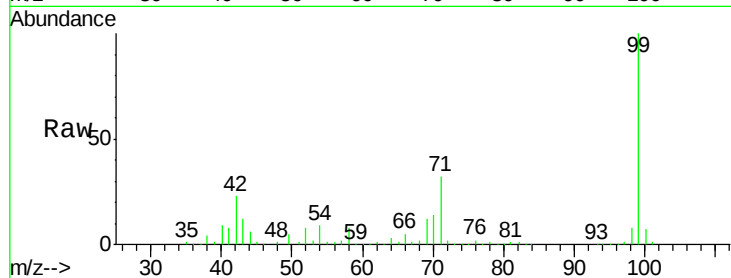
Tgt Ion: 99 Resp: 896821

Ion Ratio Lower Upper

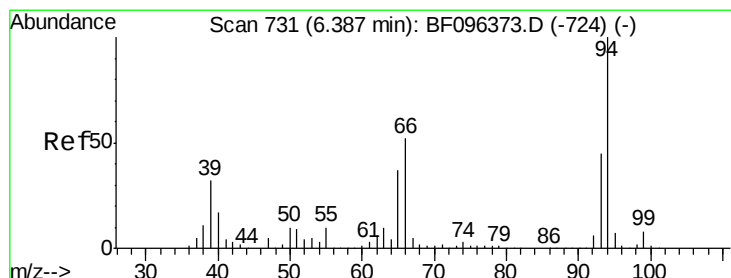
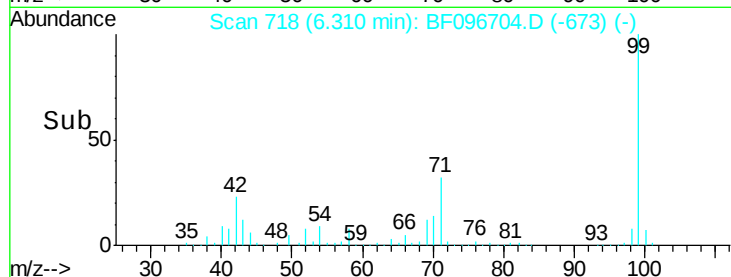
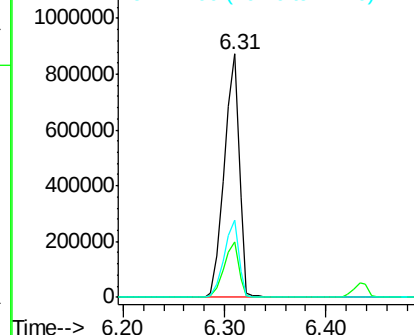
99 100

42 22.6 13.5 20.3#

71 31.8 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



#10

Phenol

Concen: 2.313 ng

RT: 6.32 min Scan# 720

Delta R.T. -0.04 min

Lab File: BF096704.D

Acq: 12 Jul 2017 21:03

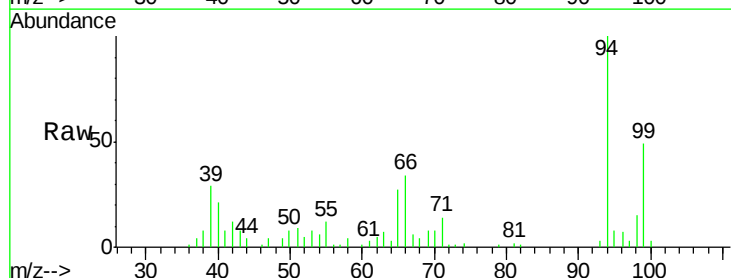
Tgt Ion: 94 Resp: 25649

Ion Ratio Lower Upper

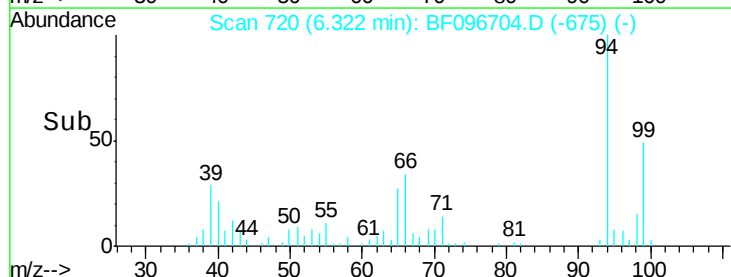
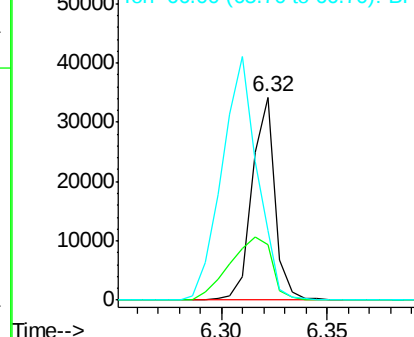
94 100

65 27.4 9.9 49.9

66 34.5 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

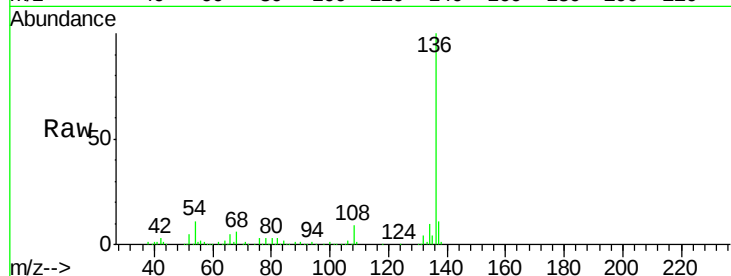




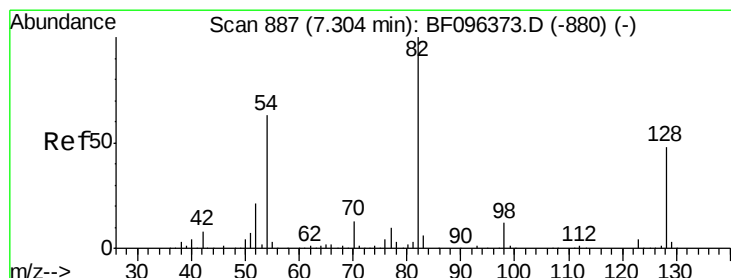
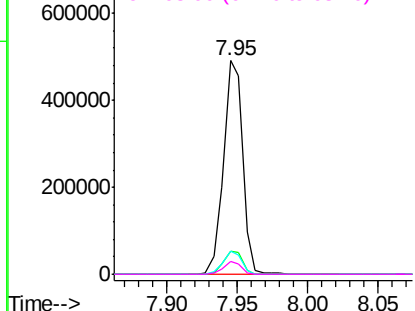
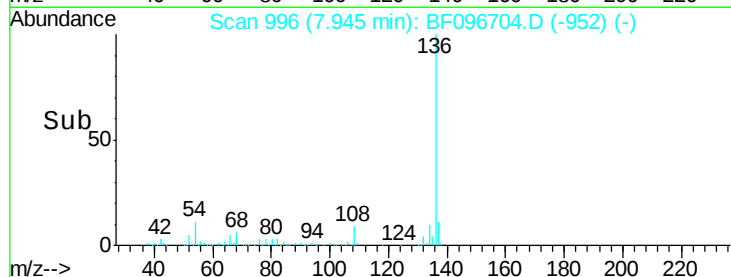
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.04 min
Lab File: BF096704.D
Acq: 12 Jul 2017 21:03

Instrument :
BNA_F
ClientSampleId :
EP-09

Tgt Ion:	136	Resp:	462229
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	10.9	4.9	7.3#
68	5.9	4.1	6.1

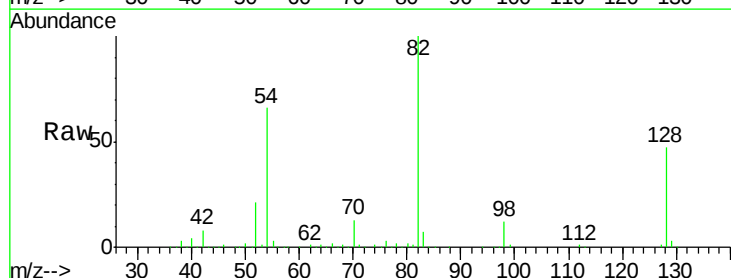


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

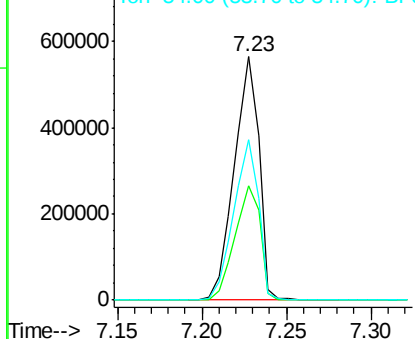
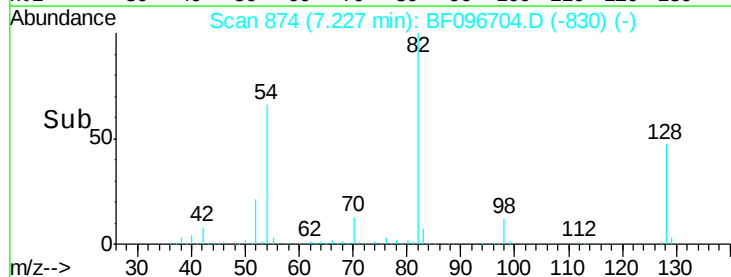


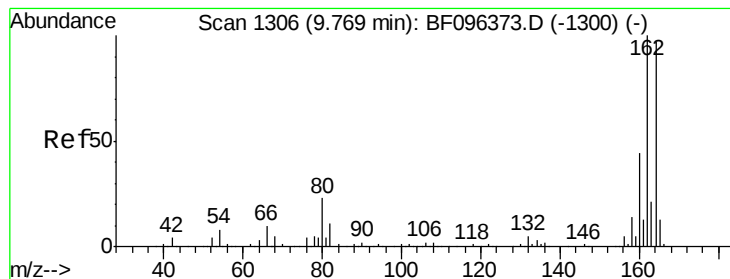
#23
Nitrobenzene-d5
Concen: 74.727 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.04 min
Lab File: BF096704.D
Acq: 12 Jul 2017 21:03

Tgt Ion:	82	Resp:	574810
Ion	Ratio	Lower	Upper
82	100		
128	46.8	34.0	51.0
54	66.0	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: 9.70 min Scan# 1294

Delta R.T. -0.04 min

Lab File: BF096704.D

Acq: 12 Jul 2017 21:03

Instrument :

BNA_F

ClientSampleId :

EP-09

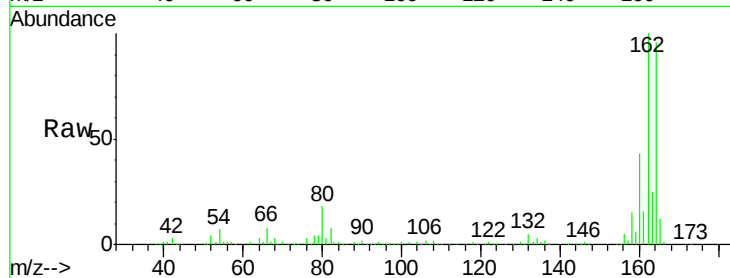
Tgt Ion:164 Resp: 179204

Ion Ratio Lower Upper

164 100

162 103.9 82.6 123.8

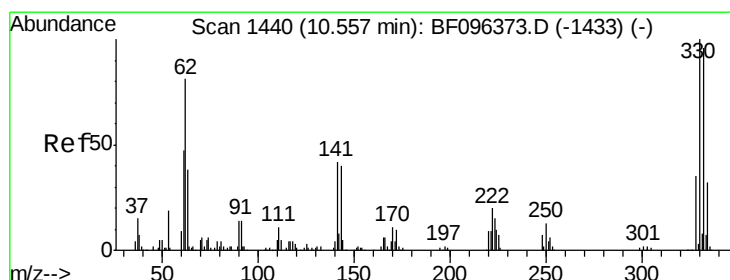
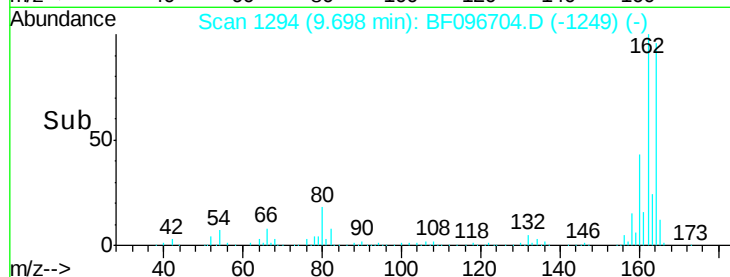
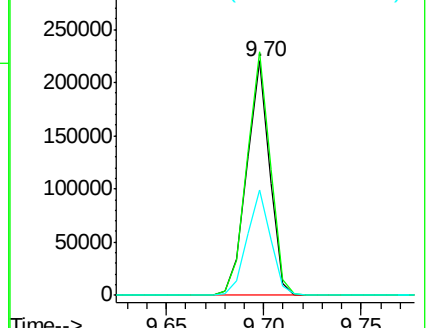
160 45.2 36.2 54.2



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: 29.628 ng

RT: 10.48 min Scan# 1427

Delta R.T. -0.04 min

Lab File: BF096704.D

Acq: 12 Jul 2017 21:03

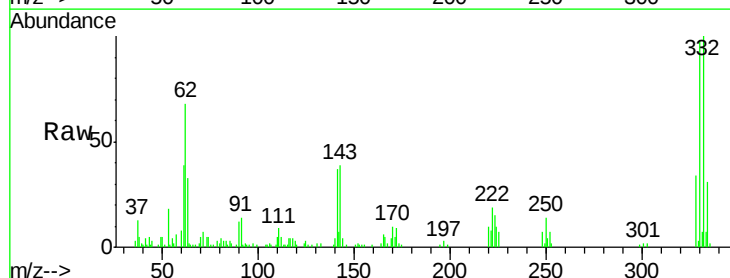
Tgt Ion:330 Resp: 41473

Ion Ratio Lower Upper

330 100

332 100.1 76.6 115.0

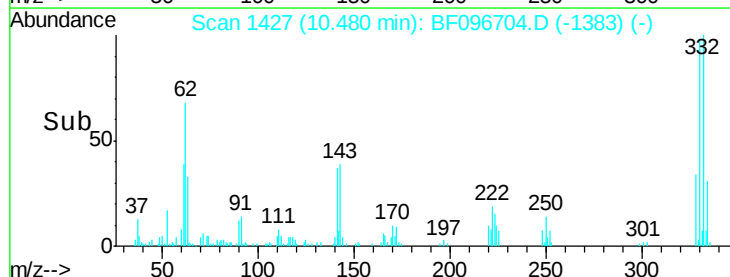
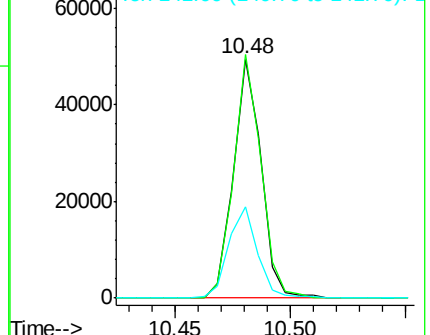
141 40.1 31.4 47.2

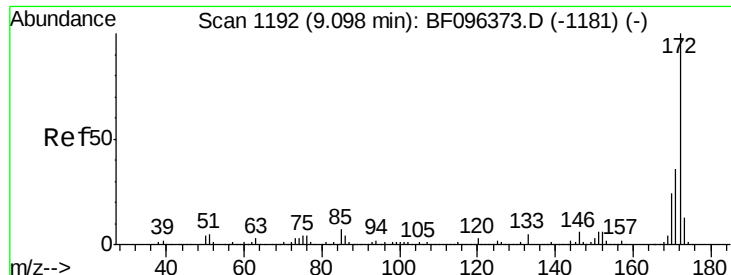


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

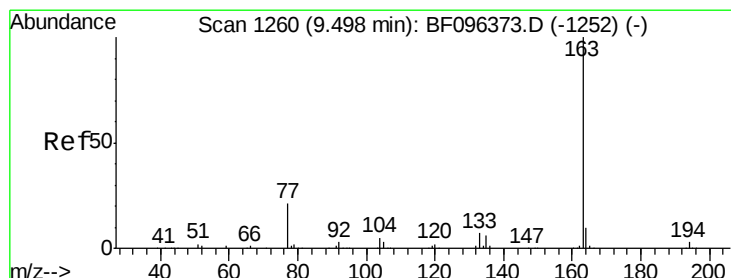
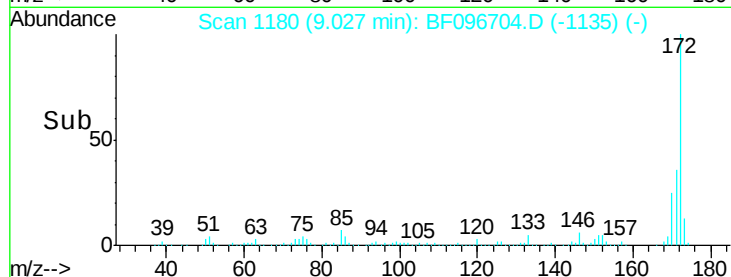
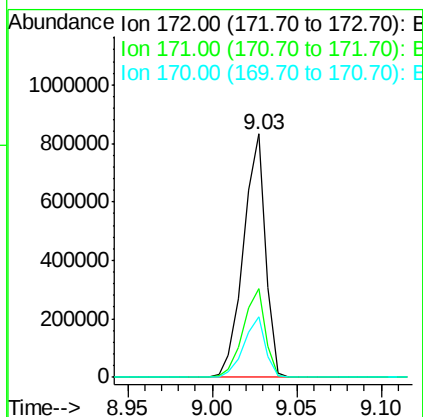
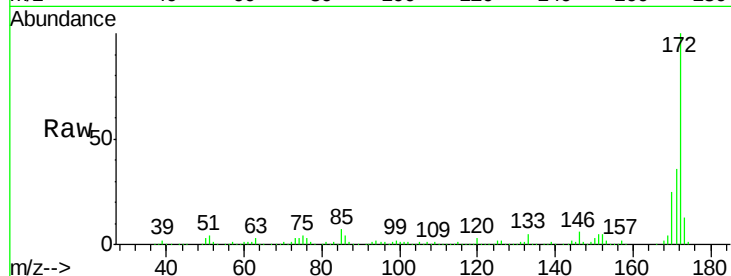




#44
 2-Fluorobiphenyl
 Concen: 72.739 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.04 min
 Lab File: BF096704.D
 Acq: 12 Jul 2017 21:03

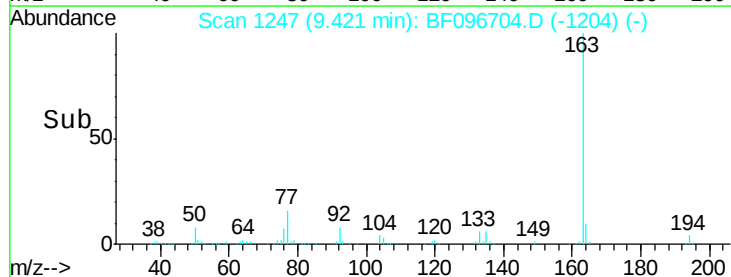
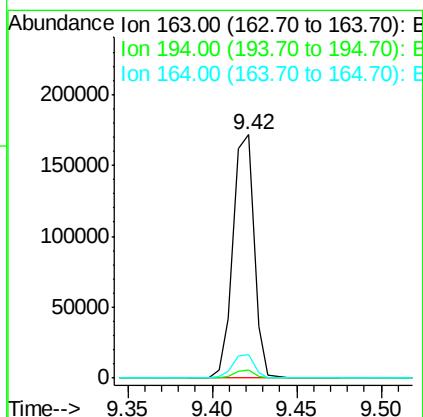
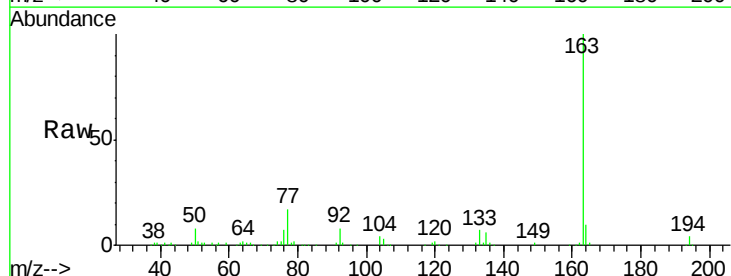
Instrument :
 BNA_F
 ClientSampled :
 EP-09

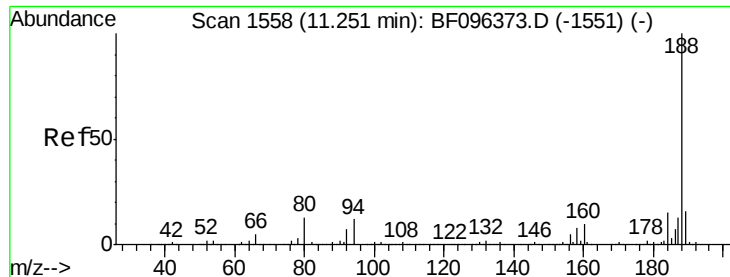
Tgt Ion:172 Resp: 762392
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.6 44.4
 170 24.9 19.8 29.8



#49
 Dimethylphthalate
 Concen: 11.162 ng
 RT: 9.42 min Scan# 1247
 Delta R.T. -0.05 min
 Lab File: BF096704.D
 Acq: 12 Jul 2017 21:03

Tgt Ion:163 Resp: 149320
 Ion Ratio Lower Upper
 163 100
 194 3.6 2.6 4.0
 164 9.7 8.4 12.6

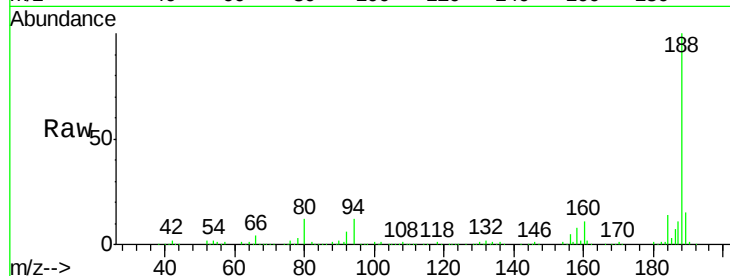




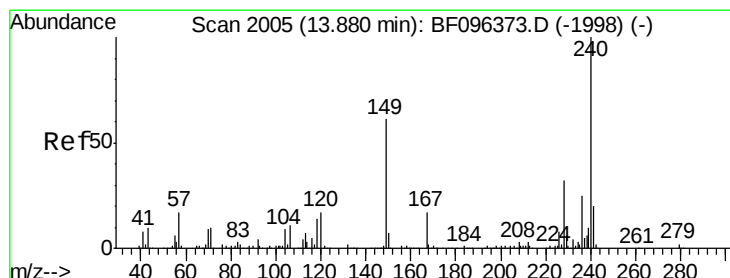
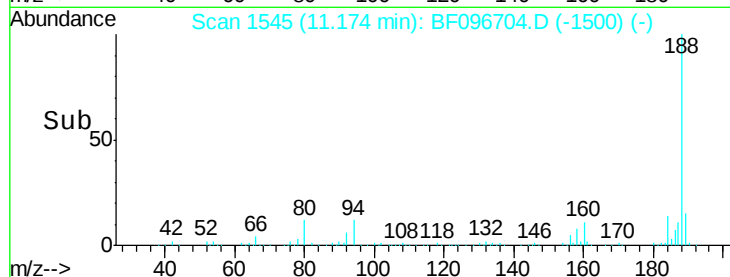
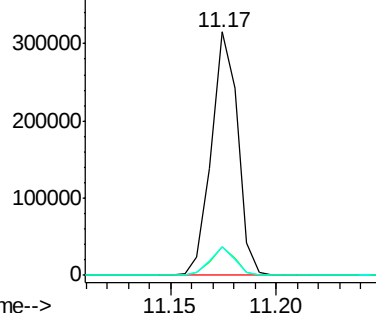
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.17 min Scan# 1545
Delta R.T. -0.04 min
Lab File: BF096704.D
Acq: 12 Jul 2017 21:03

Instrument :
BNA_F
ClientSampleId :
EP-09

Tgt Ion:188 Resp: 271705
Ion Ratio Lower Upper
188 100
94 11.6 9.4 14.2
80 11.8 10.2 15.2

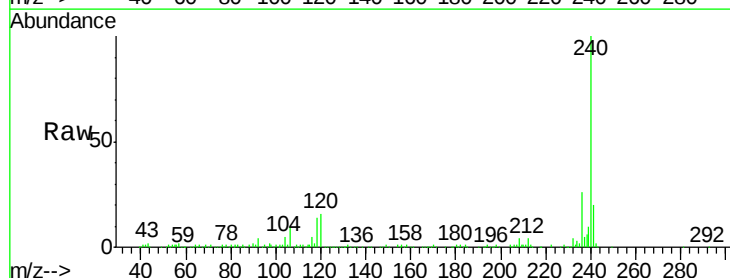


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

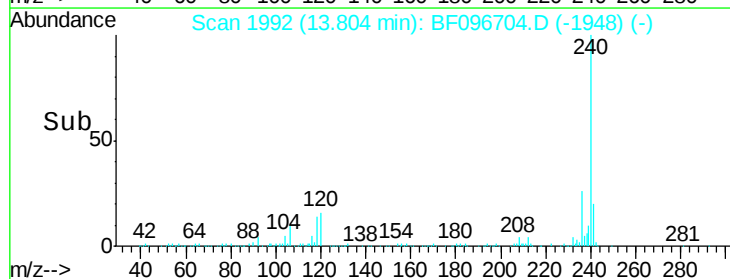
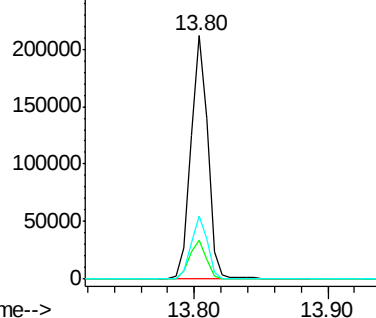


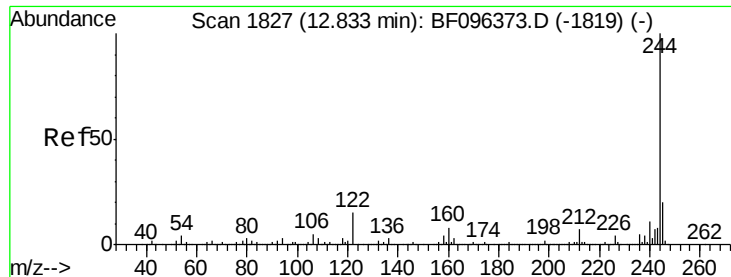
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.80 min Scan# 1992
Delta R.T. -0.04 min
Lab File: BF096704.D
Acq: 12 Jul 2017 21:03

Tgt Ion:240 Resp: 190797
Ion Ratio Lower Upper
240 100
120 15.8 5.8 8.8#
236 25.9 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: 50.526 ng

RT: 12.76 min Scan# 1815

Delta R.T. -0.04 min

Lab File: BF096704.D

Acq: 12 Jul 2017 21:03

Instrument :

BNA_F

ClientSampleId :

EP-09

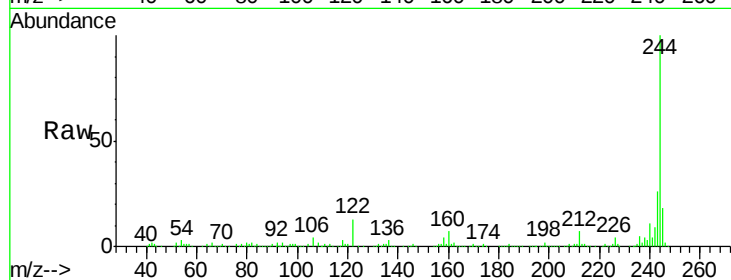
Tgt Ion:244 Resp: 451140

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

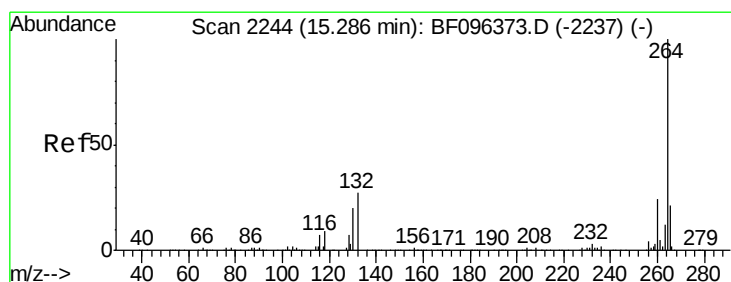
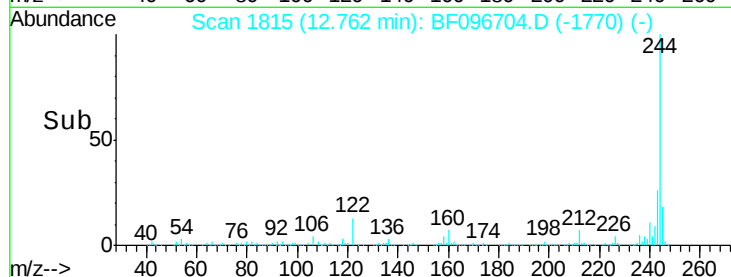
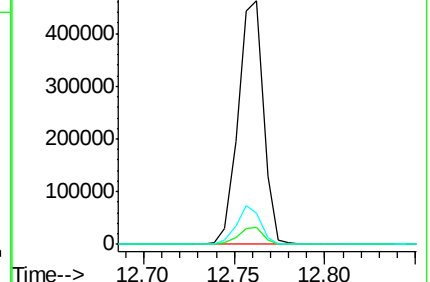
122 13.0 10.3 15.5



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: 20.000 ng

RT: 15.20 min Scan# 2229

Delta R.T. -0.05 min

Lab File: BF096704.D

Acq: 12 Jul 2017 21:03

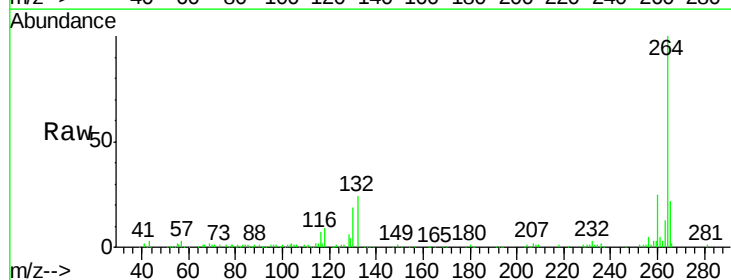
Tgt Ion:264 Resp: 162146

Ion Ratio Lower Upper

264 100

260 25.2 19.5 29.3

265 21.7 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

