

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070617\
 Data File : BF096548.D
 Acq On : 6 Jul 2017 22:05
 Operator : SJ/MA
 Sample : I3972-06
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B5-14-14.5

Quant Time: Jul 07 04:40:50 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 05 13:27:10 2017
 Response via : Initial Calibration

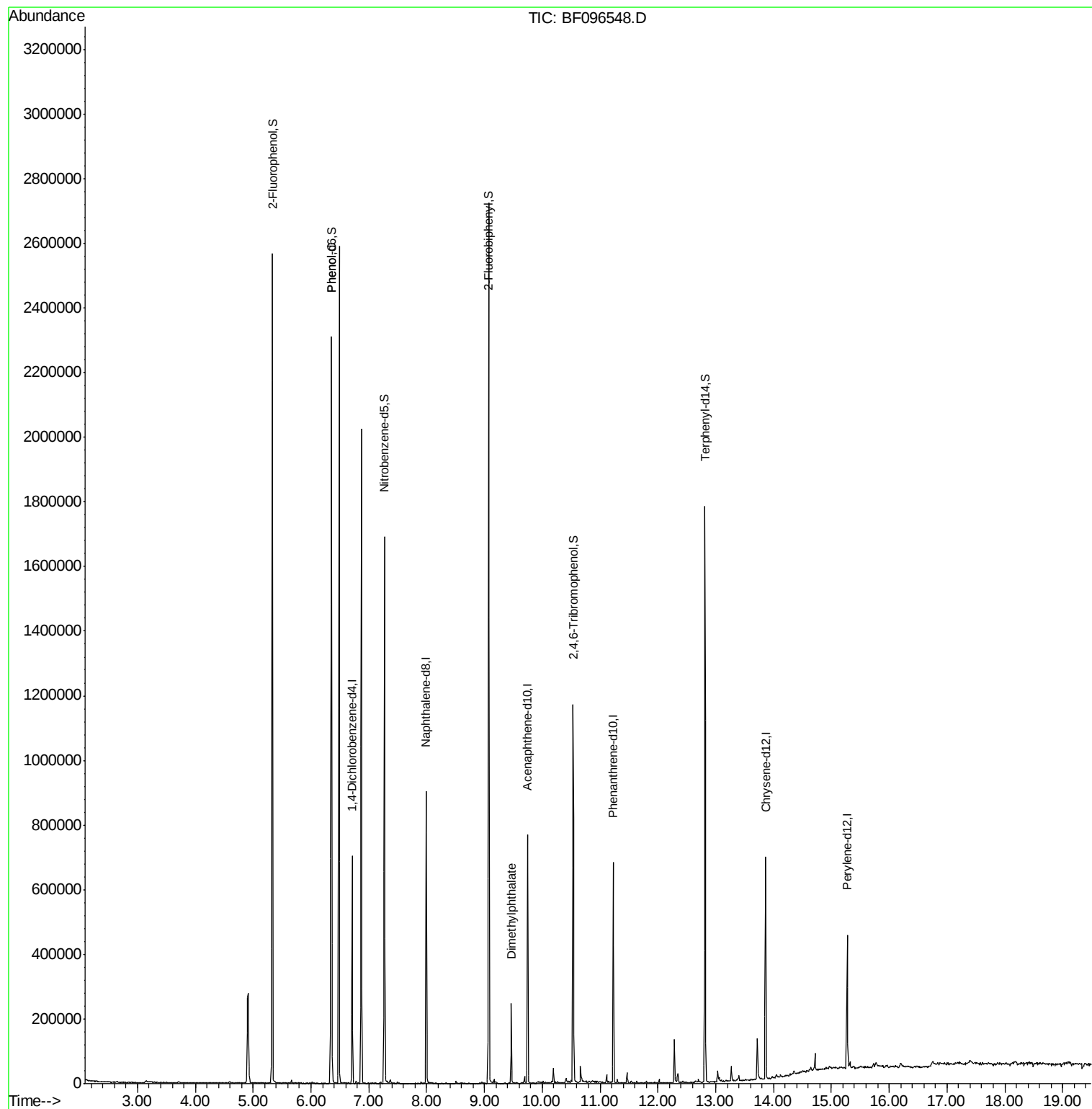
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	104710	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	414981	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	158072	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	224084	20.00	ng	0.00
75) Chrysene-d12	13.86	240	219540	20.00	ng	0.00
86) Perylene-d12	15.27	264	171000	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	733795	103.43	ng	0.01
7) Phenol-d6	6.36	99	869883	99.74	ng	0.00
23) Nitrobenzene-d5	7.27	82	493567	71.47	ng	0.00
41) 2,4,6-Tribromophenol	10.53	330	128953	104.44	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	842334	91.11	ng	0.00
78) Terphenyl-d14	12.82	244	542392	52.79	ng	0.00
Target Compounds						
10) Phenol	6.36	94	29501	2.969	ng	98
49) Dimethylphthalate	9.46	163	98208	8.323	ng	99

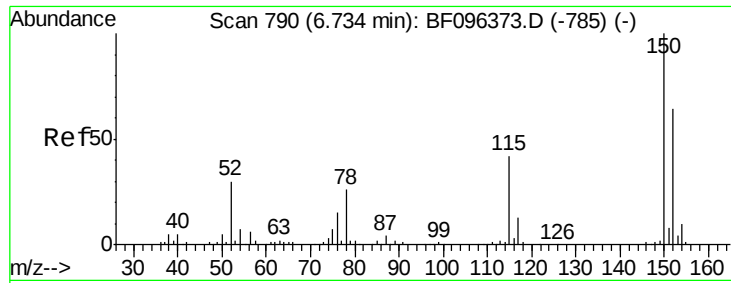
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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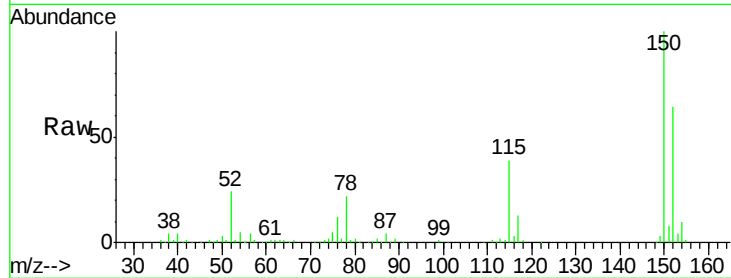


#1

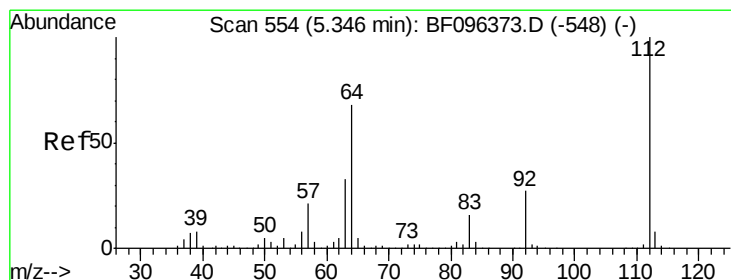
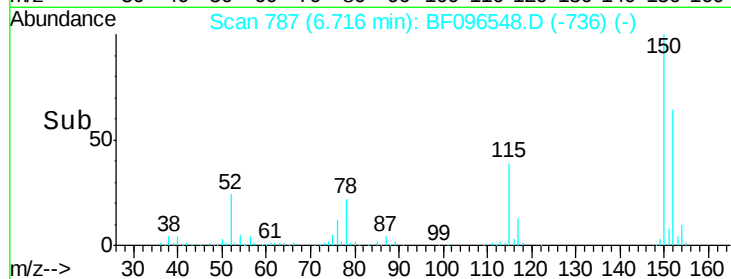
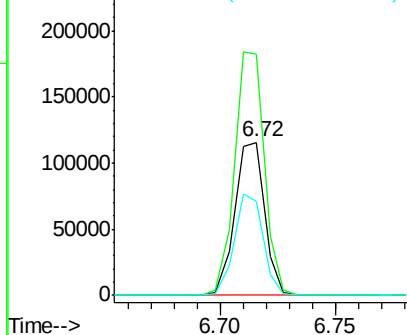
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF096548.D
Acq: 6 Jul 2017 22:05

Instrument :
BNA_F
ClientSampleId :
B5-14-14.5

Tgt Ion:152 Resp: 104710
Ion Ratio Lower Upper
152 100
150 157.3 126.2 189.2
115 60.9 52.2 78.2



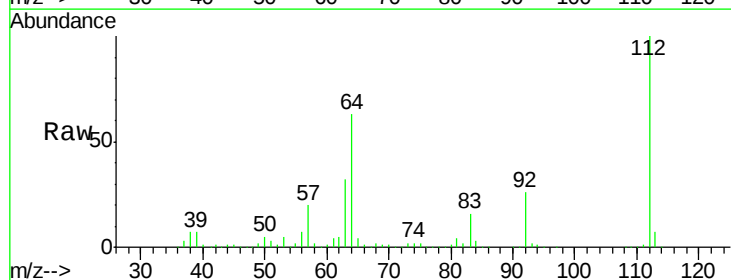
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



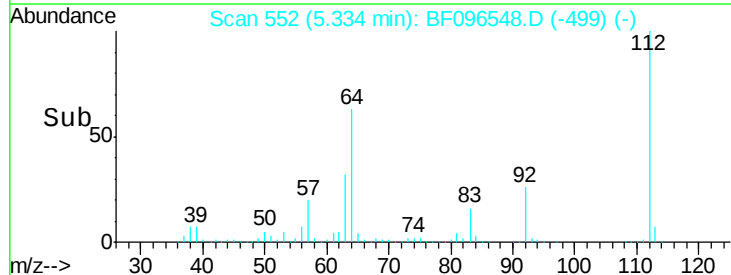
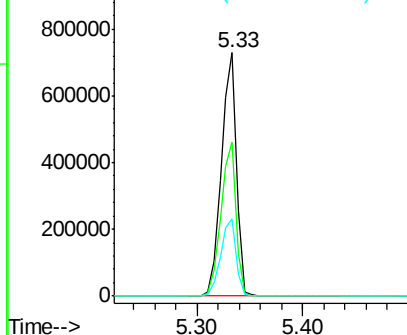
#5

2-Fluorophenol
Concen: 103.434 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF096548.D
Acq: 6 Jul 2017 22:05

Tgt Ion:112 Resp: 733795
Ion Ratio Lower Upper
112 100
64 63.2 46.0 69.0
63 31.7 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: 99.740 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF096548.D

Acq: 6 Jul 2017 22:05

Instrument :

BNA_F

ClientSampleId :

B5-14-14.5

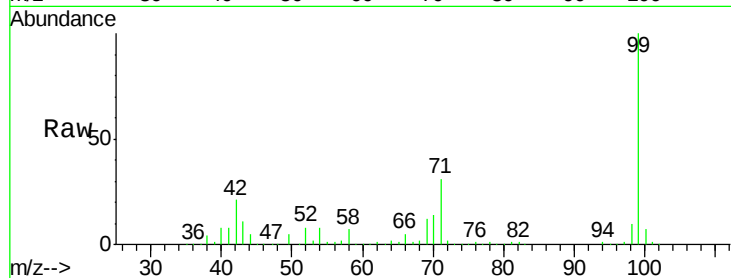
Tgt Ion: 99 Resp: 869883

Ion Ratio Lower Upper

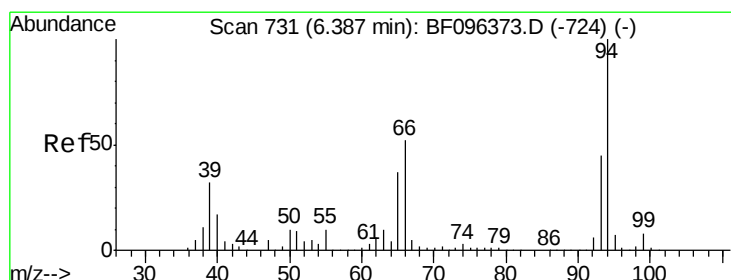
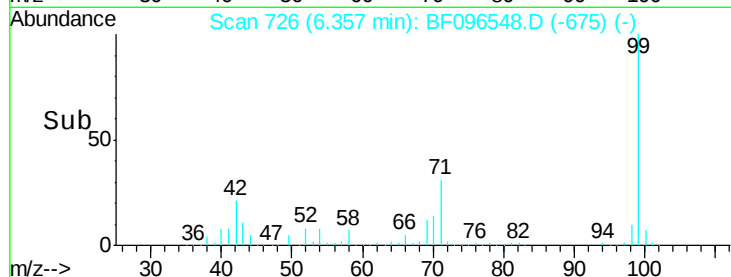
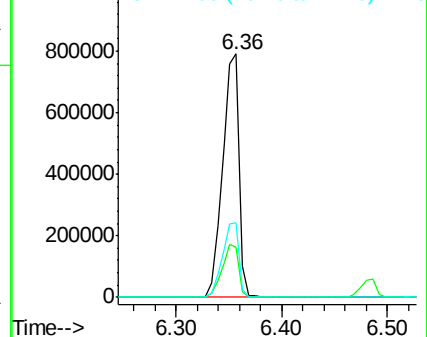
99 100

42 20.7 13.5 20.3#

71 30.9 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: 2.969 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF096548.D

Acq: 6 Jul 2017 22:05

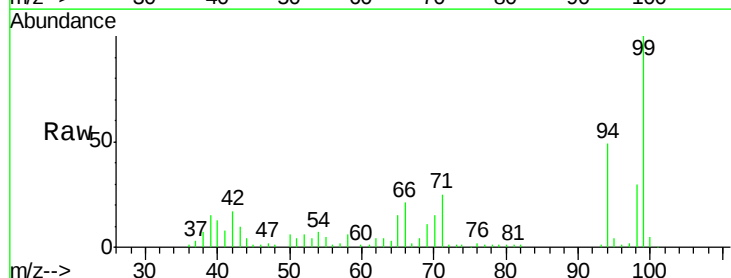
Tgt Ion: 94 Resp: 29501

Ion Ratio Lower Upper

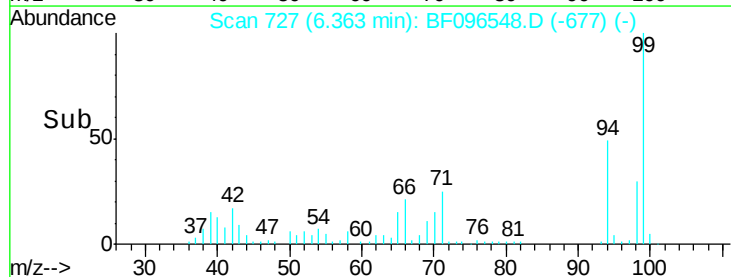
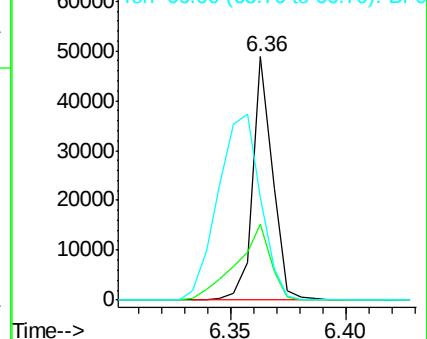
94 100

65 31.2 9.9 49.9

66 42.2 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

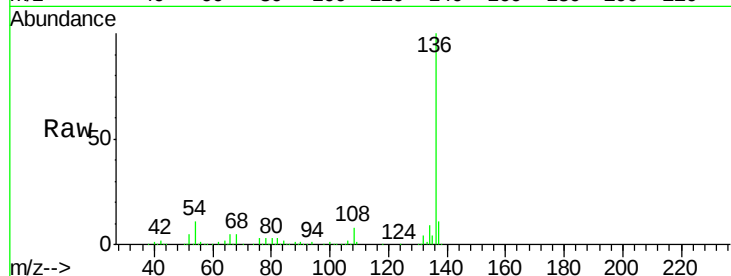




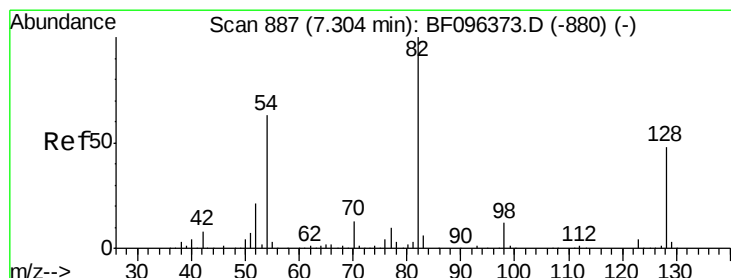
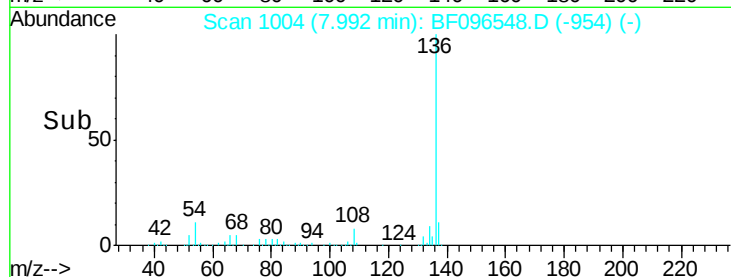
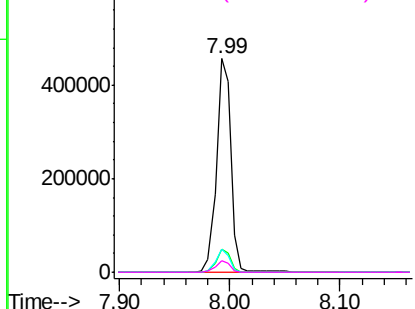
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF096548.D
Acq: 6 Jul 2017 22:05

Instrument :
BNA_F
ClientSampleId :
B5-14-14.5

Tgt Ion:	136	Resp:	414981
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	10.6	4.9	7.3#
68	5.3	4.1	6.1

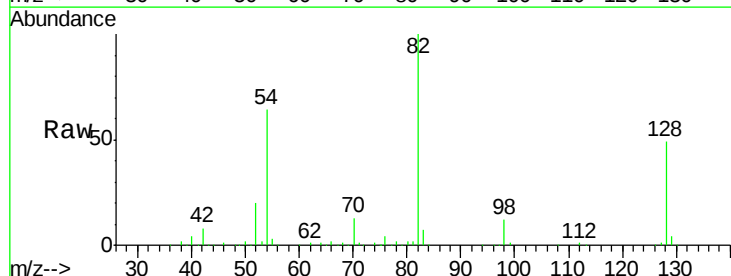


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

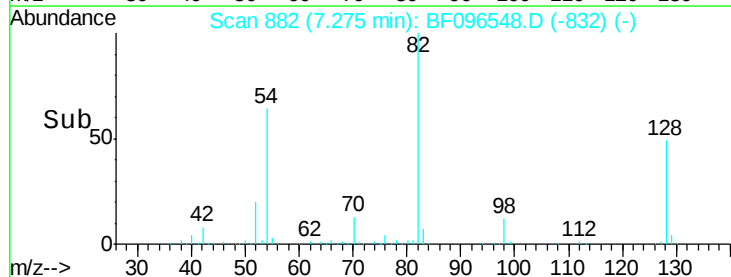
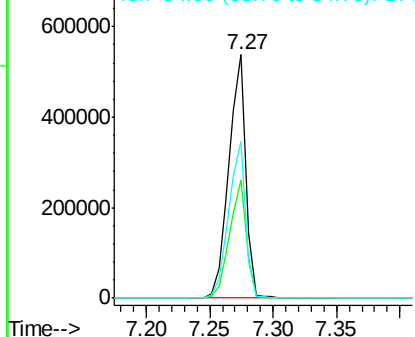


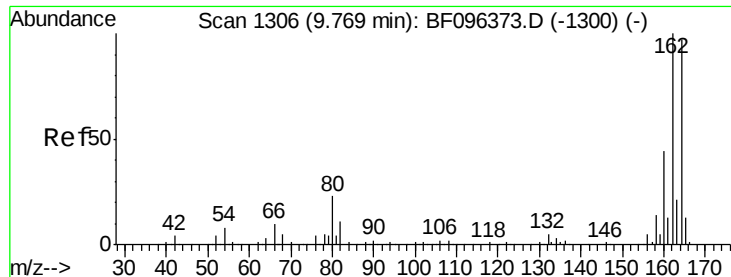
#23
Nitrobenzene-d5
Concen: 71.470 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF096548.D
Acq: 6 Jul 2017 22:05

Tgt Ion:	82	Resp:	493567
Ion	Ratio	Lower	Upper
82	100		
128	48.6	34.0	51.0
54	64.4	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: 9.75 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF096548.D

Acq: 6 Jul 2017 22:05

Instrument :

BNA_F

ClientSampleId :

B5-14-14.5

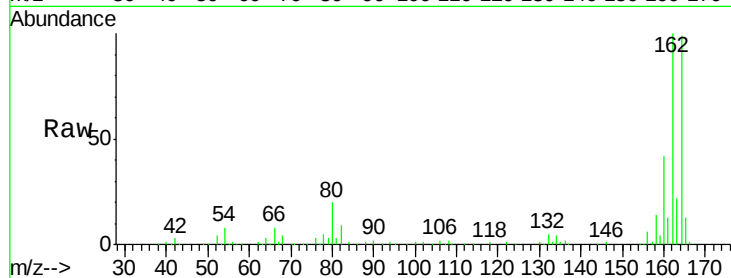
Tgt Ion:164 Resp: 158072

Ion Ratio Lower Upper

164 100

162 101.2 82.6 123.8

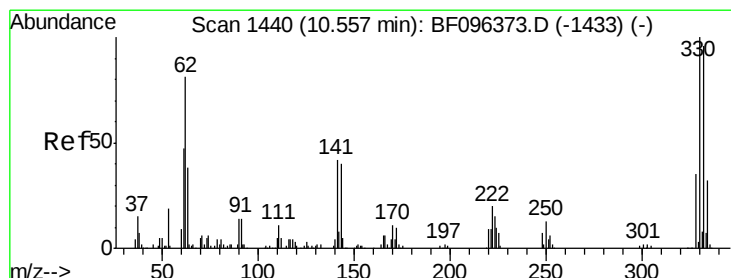
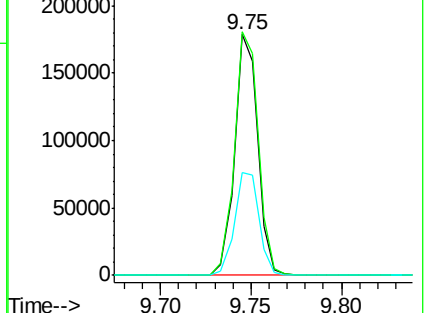
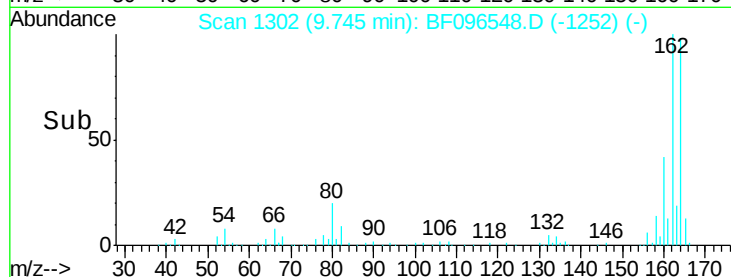
160 42.6 36.2 54.2



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: 104.438 ng

RT: 10.53 min Scan# 1436

Delta R.T. -0.01 min

Lab File: BF096548.D

Acq: 6 Jul 2017 22:05

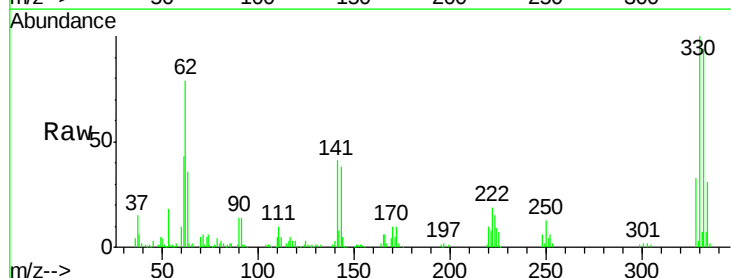
Tgt Ion:330 Resp: 128953

Ion Ratio Lower Upper

330 100

332 95.0 76.6 115.0

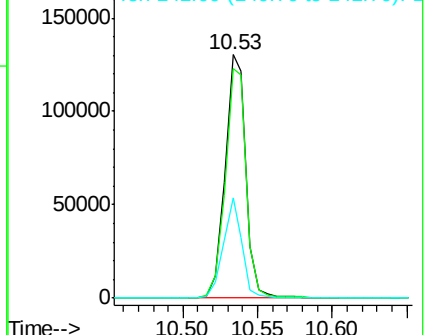
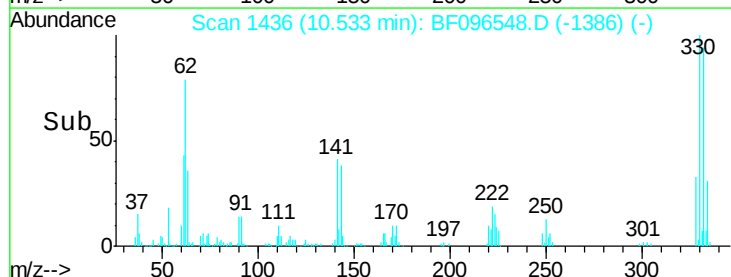
141 36.7 31.4 47.2

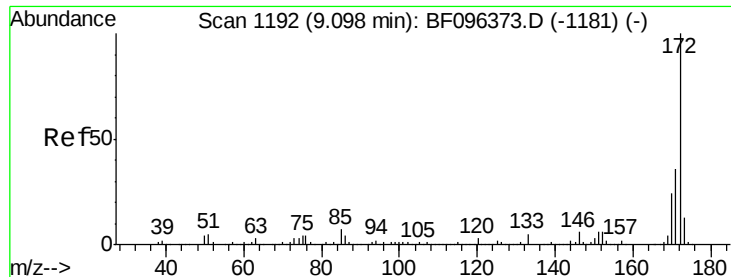


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

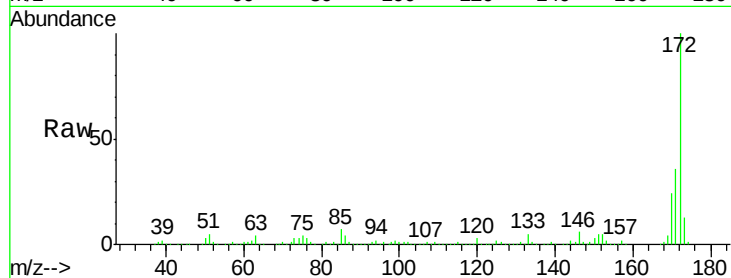




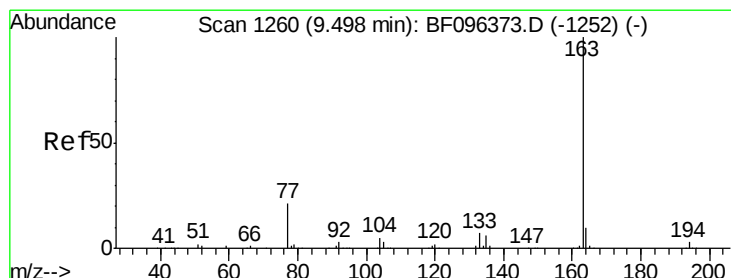
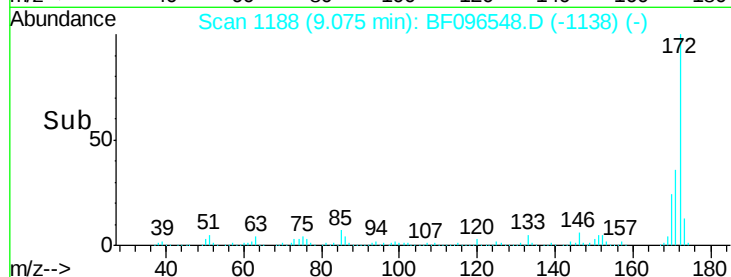
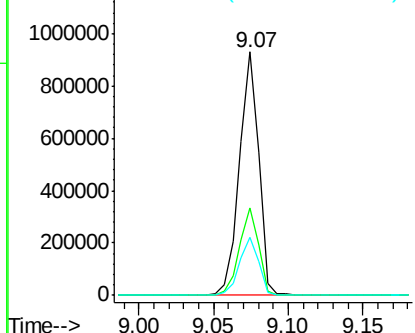
#44
 2-Fluorobiphenyl
 Concen: 91.110 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF096548.D
 Acq: 6 Jul 2017 22:05

Instrument :
 BNA_F
 ClientSampleId :
 B5-14-14.5

Tgt Ion:172 Resp: 842334
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.6 44.4
 170 24.0 19.8 29.8

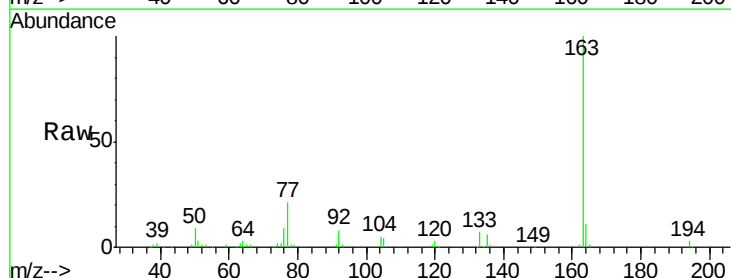


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

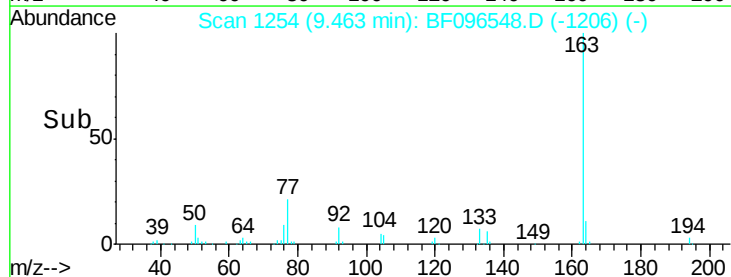
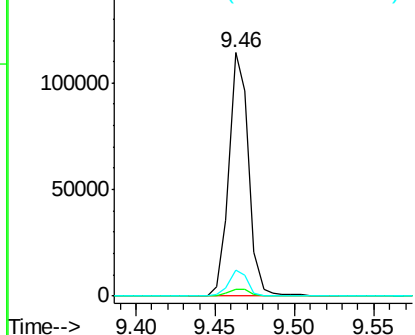


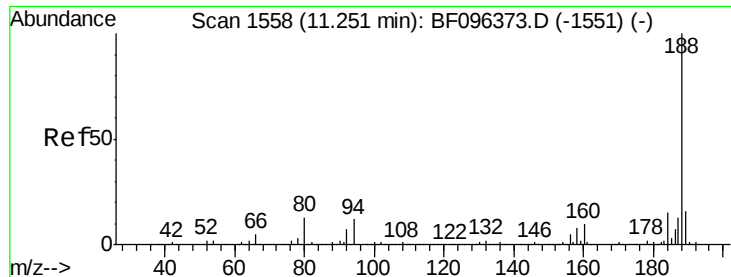
#49
 Dimethylphthalate
 Concen: 8.323 ng
 RT: 9.46 min Scan# 1254
 Delta R.T. -0.02 min
 Lab File: BF096548.D
 Acq: 6 Jul 2017 22:05

Tgt Ion:163 Resp: 98208
 Ion Ratio Lower Upper
 163 100
 194 3.0 2.6 4.0
 164 10.7 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

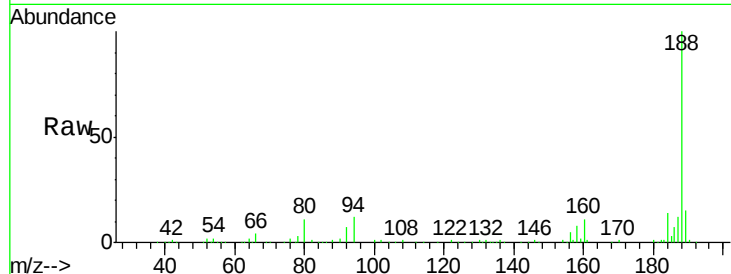




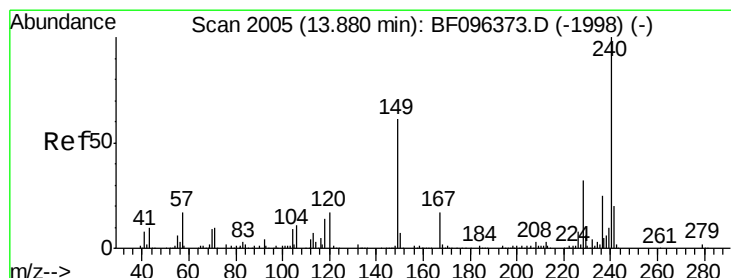
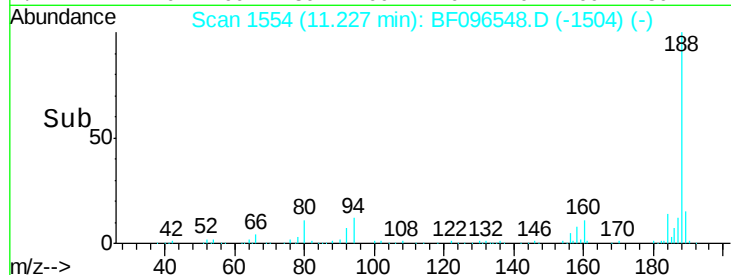
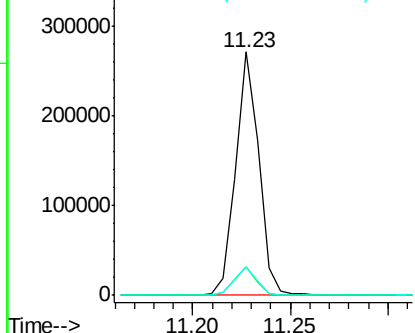
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1554
Delta R.T. -0.01 min
Lab File: BF096548.D
Acq: 6 Jul 2017 22:05

Instrument :
BNA_F
ClientSampleId :
B5-14-14.5

Tgt Ion:188 Resp: 224084
Ion Ratio Lower Upper
188 100
94 11.8 9.4 14.2
80 11.5 10.2 15.2

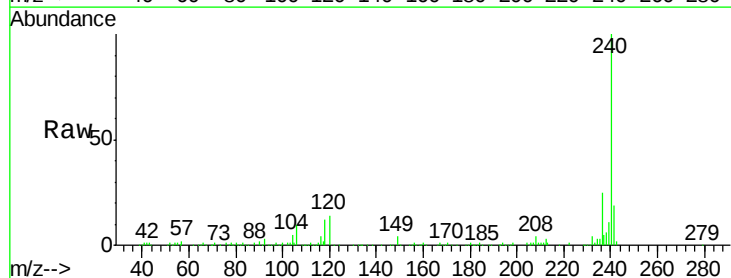


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

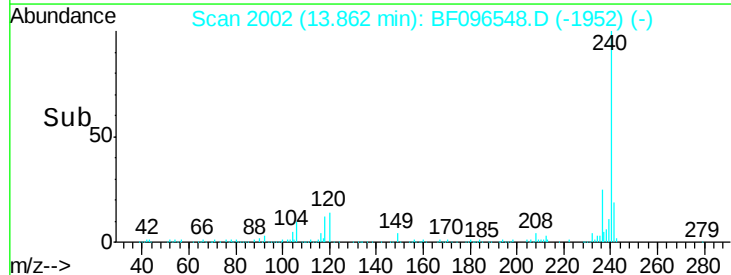
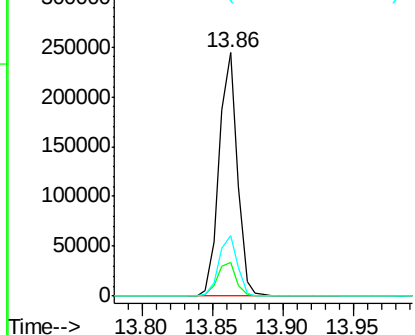


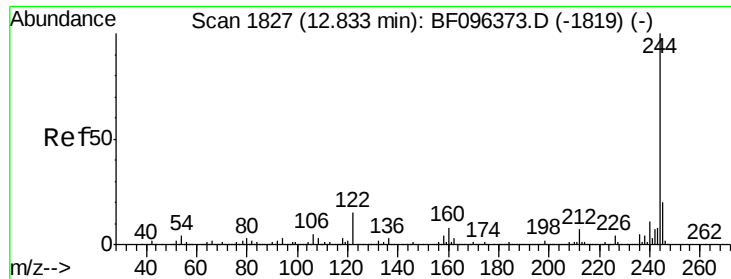
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF096548.D
Acq: 6 Jul 2017 22:05

Tgt Ion:240 Resp: 219540
Ion Ratio Lower Upper
240 100
120 13.8 5.8 8.8#
236 24.9 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

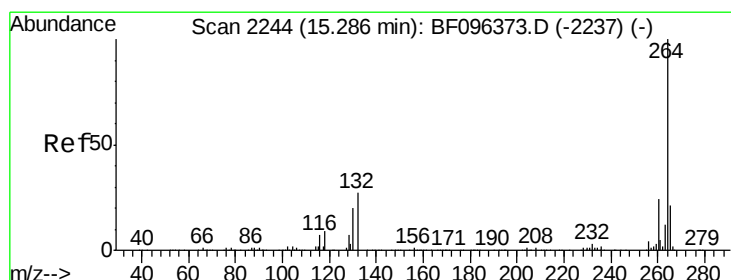
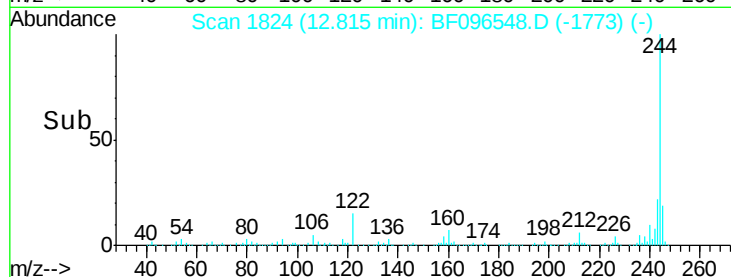
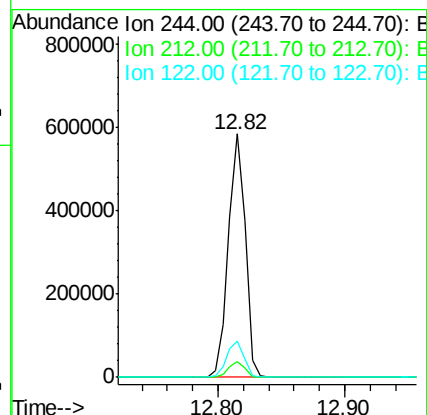
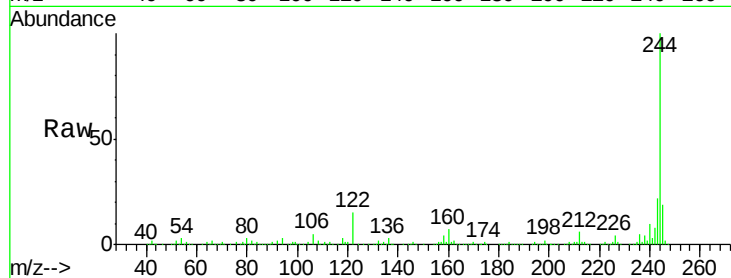




#78
 Terphenyl-d14
 Concen: 52.792 ng
 RT: 12.82 min Scan# 1824
 Delta R.T. -0.00 min
 Lab File: BF096548.D
 Acq: 6 Jul 2017 22:05

Instrument :
 BNA_F
 ClientSampleId :
 B5-14-14.5

Tgt Ion: 244 Resp: 542392
 Ion Ratio Lower Upper
 244 100
 212 6.5 6.0 9.0
 122 15.0 10.3 15.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.27 min Scan# 2242
 Delta R.T. -0.00 min
 Lab File: BF096548.D
 Acq: 6 Jul 2017 22:05

Tgt Ion: 264 Resp: 171000
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.5 29.3
 265 21.9 17.2 25.8

