

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070517\
 Data File : BF096514.D
 Acq On : 6 Jul 2017 6:05
 Operator : SJ/MA
 Sample : I3975-06
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B7-10-12

Quant Time: Jul 06 06:38:10 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

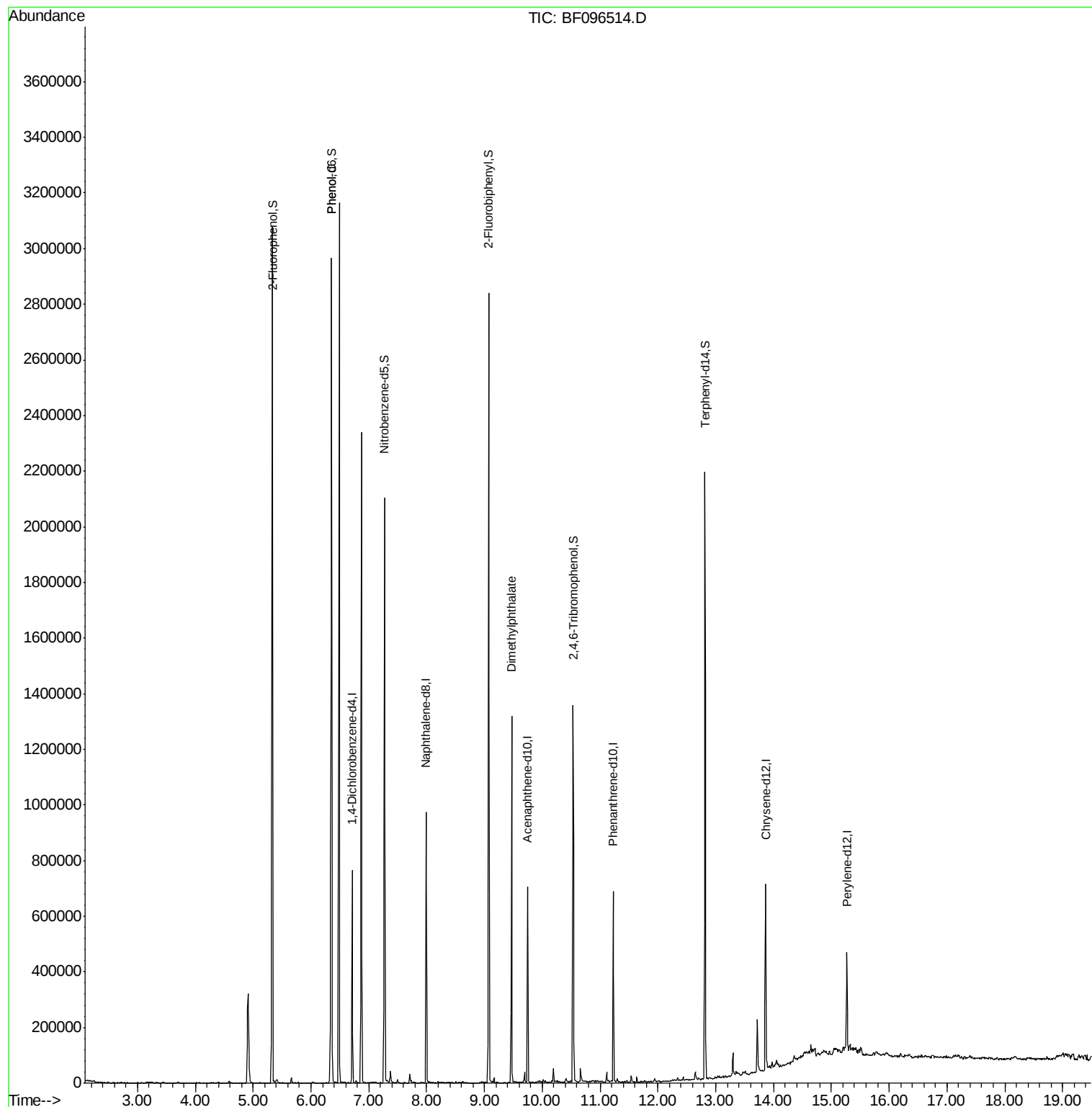
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	113883	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	426453	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	143610	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	223148	20.00	ng	0.00
75) Chrysene-d12	13.86	240	219397	20.00	ng	0.00
86) Perylene-d12	15.27	264	152198	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	916688	118.81	ng	0.01
7) Phenol-d6	6.36	99	1077259	113.57	ng	0.00
23) Nitrobenzene-d5	7.27	82	649010	91.45	ng	0.00
41) 2,4,6-Tribromophenol	10.53	330	146123	130.26	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	869809	103.56	ng	0.00
78) Terphenyl-d14	12.82	244	669855	65.24	ng	0.00
Target Compounds						
10) Phenol	6.36	94	26933	2.49	ng	Qvalue # 61
49) Dimethylphthalate	9.47	163	497490	46.41	ng	100

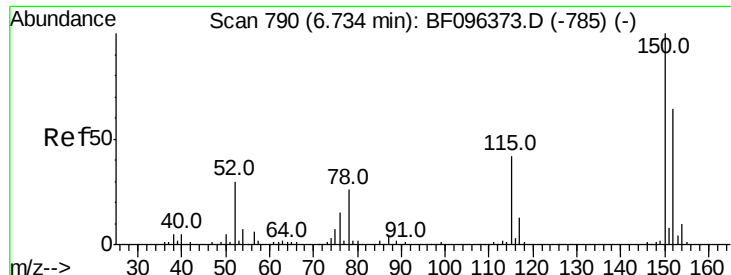
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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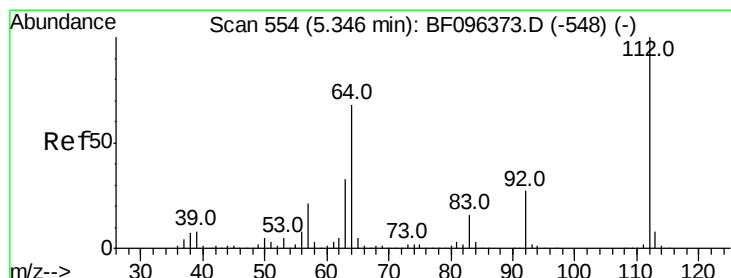
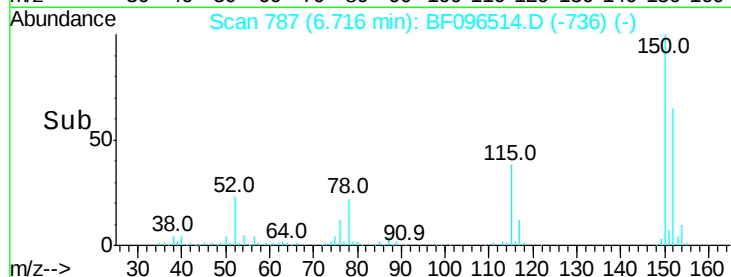
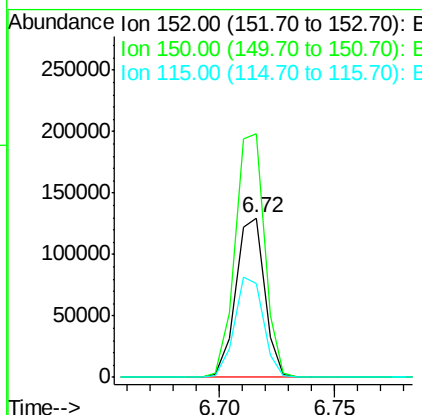
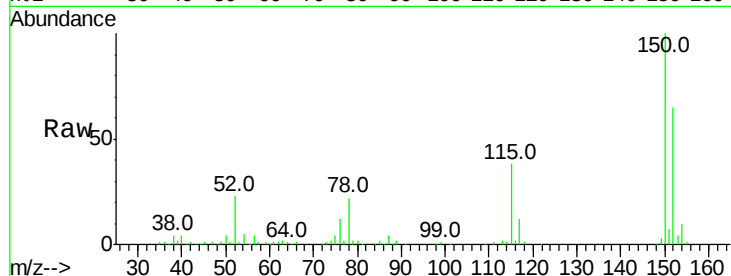


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.72 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: BF096514.D
 Acq: 6 Jul 2017 6:05

Instrument :
 BNA_F
 ClientSampleId :
 B7-10-12

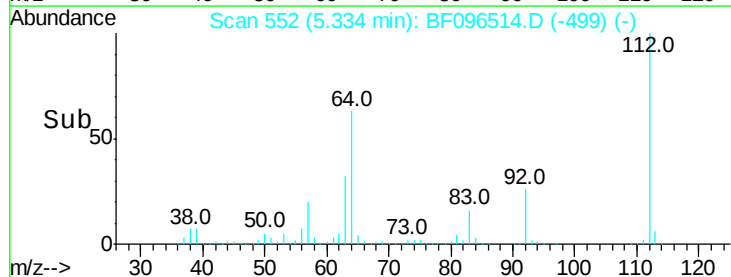
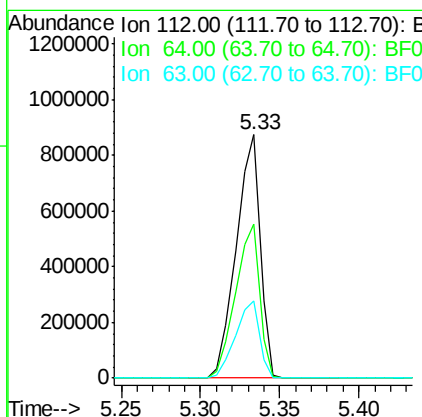
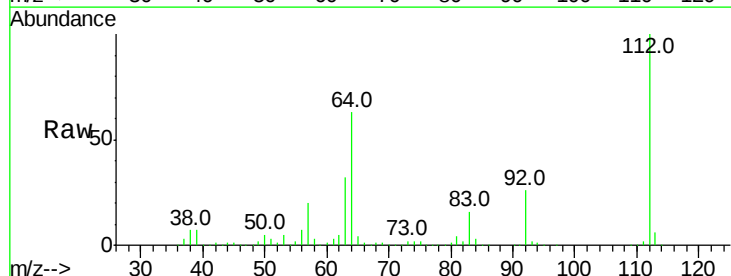
Tot Ion:152 Resp: 113883
 Ion Ratio Lower Upper
 152 100
 150 152.7 126.2 189.2
 115 58.5 52.2 78.2

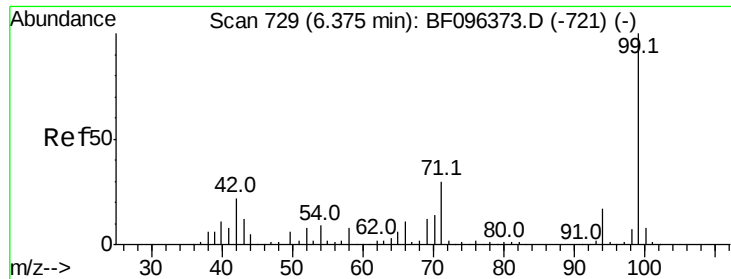


#5

2-Fluorophenol
 Concen: 118.81 ng
 RT: 5.33 min Scan# 552
 Delta R.T. 0.01 min
 Lab File: BF096514.D
 Acq: 6 Jul 2017 6:05

Tgt Ion:112 Resp: 916688
 Ion Ratio Lower Upper
 112 100
 64 63.1 46.0 69.0
 63 32.0 23.4 35.0





#7

Phenol-d6

Concen: 113.57 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF096514.D

Acq: 6 Jul 2017 6:05

Instrument :

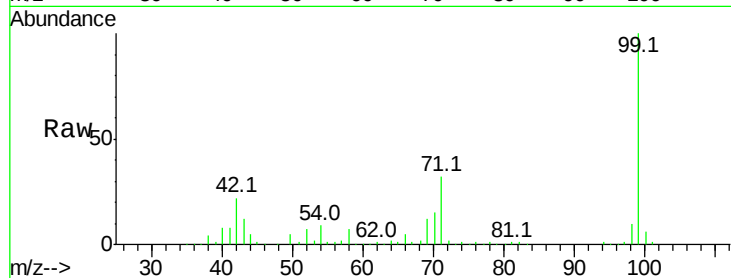
BNA_F

ClientSampleId :

B7-10-12

Tot Ion: 99 Resp: 1077259

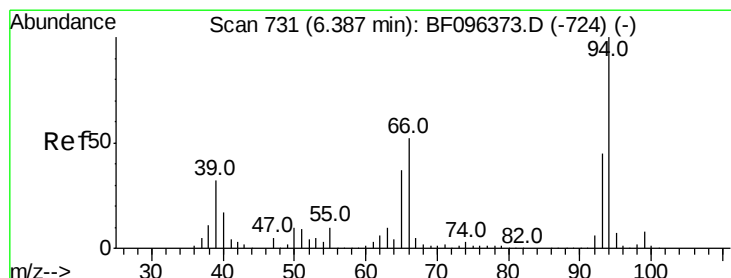
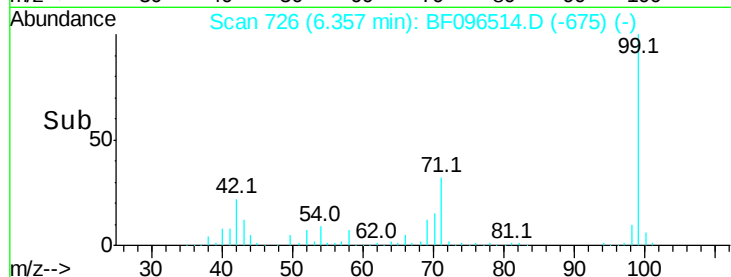
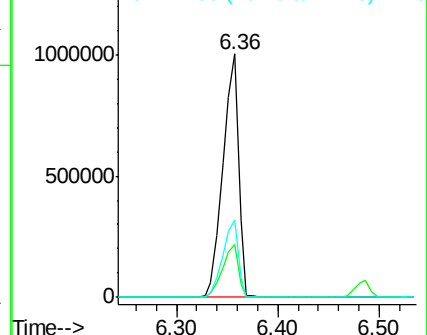
Ion	Ratio	Lower	Upper
99	100		
42	22.0	13.5	20.3#
71	32.0	24.5	36.7



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: 2.49 ng

RT: 6.36 min Scan# 727

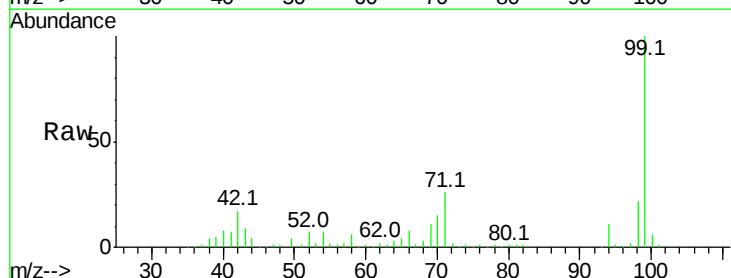
Delta R.T. -0.01 min

Lab File: BF096514.D

Acq: 6 Jul 2017 6:05

Tgt Ion: 94 Resp: 26933

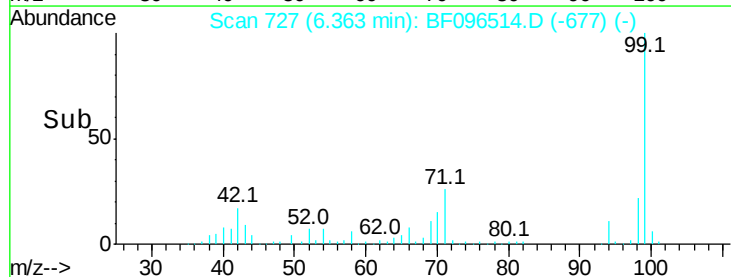
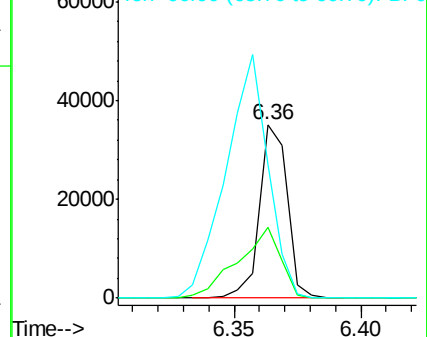
Ion	Ratio	Lower	Upper
94	100		
65	40.4	9.9	49.9
66	76.9	23.1	63.1#

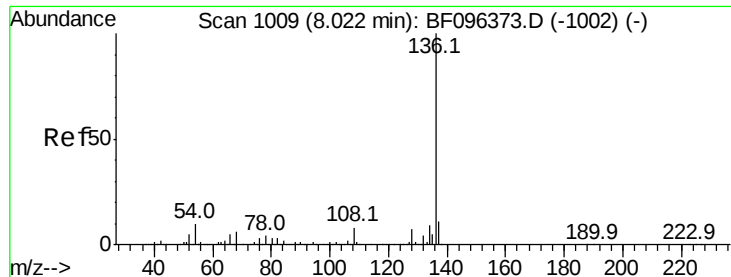


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

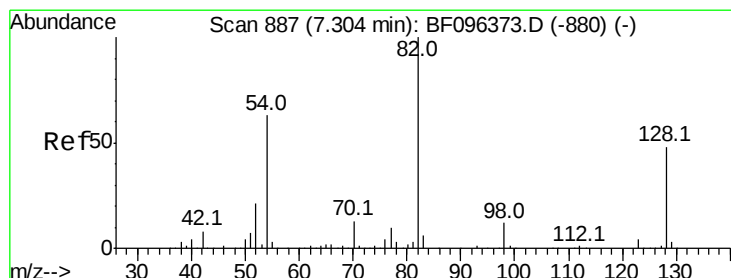
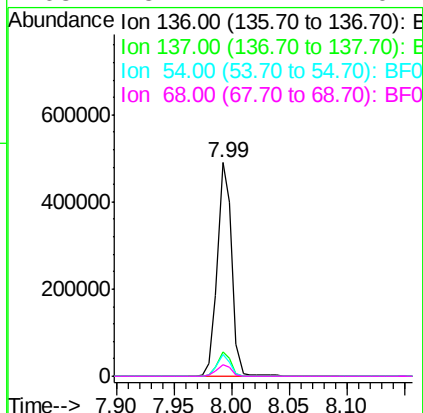
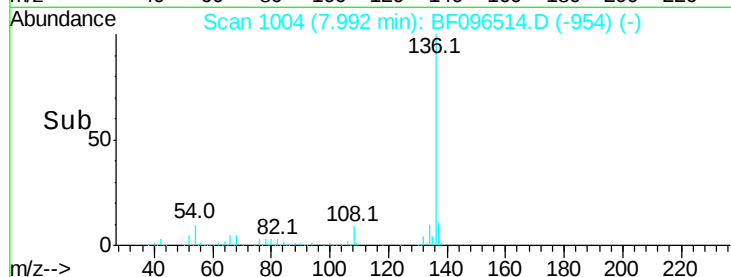
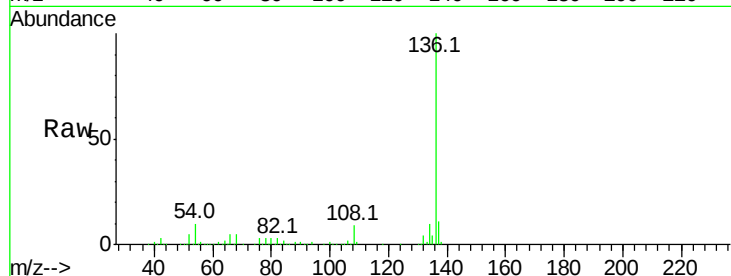




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF096514.D
Acq: 6 Jul 2017 6:05

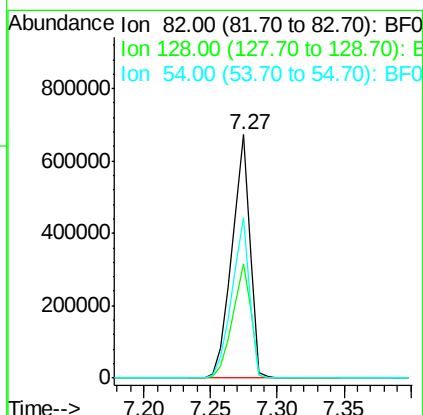
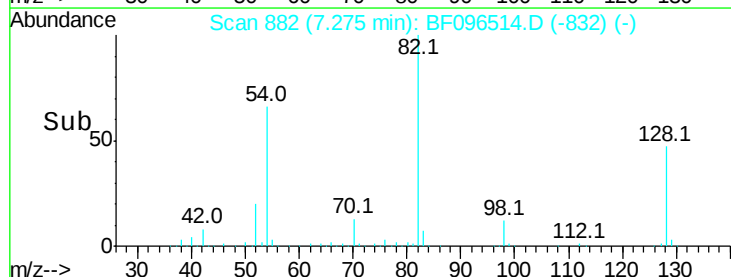
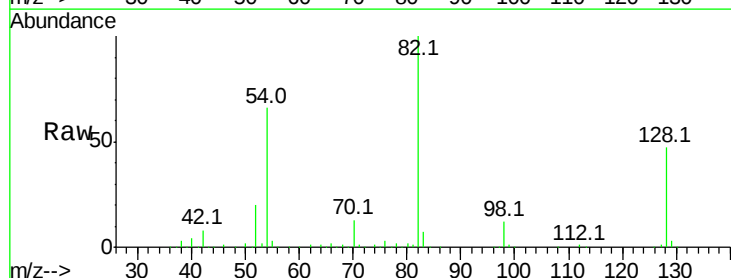
Instrument :
BNA_F
ClientSampleId :
B7-10-12

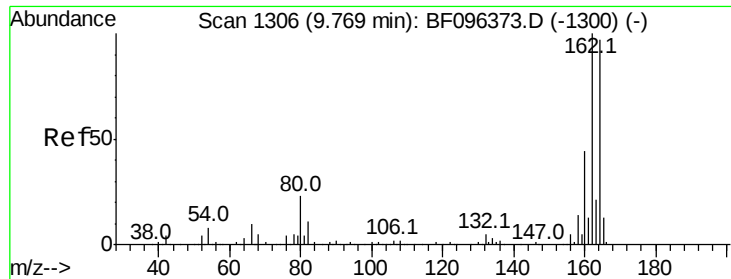
Tot Ion:	136	Resp:	426453
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	10.4	4.9	7.3#
68	5.2	4.1	6.1



#23
Nitrobenzene-d5
Concen: 91.45 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF096514.D
Acq: 6 Jul 2017 6:05

Tgt Ion:	82	Resp:	649010
Ion	Ratio	Lower	Upper
82	100		
128	47.2	34.0	51.0
54	65.6	42.2	63.2#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF096514.D

Acq: 6 Jul 2017 6:05

Instrument :

BNA_F

ClientSampleId :

B7-10-12

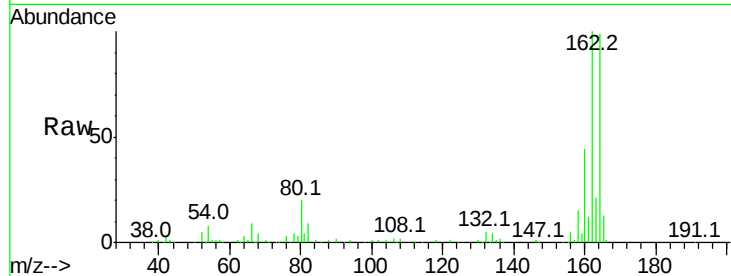
Tot Ion:164 Resp: 143610

Ion Ratio Lower Upper

164 100

162 101.5 82.6 123.8

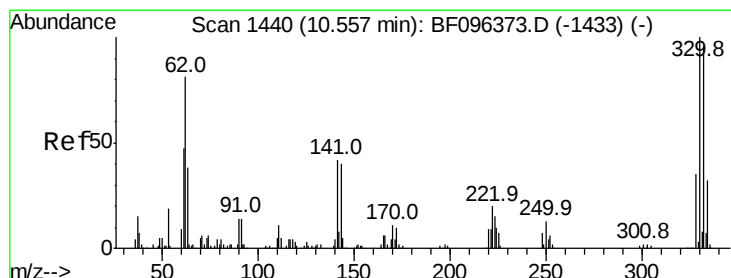
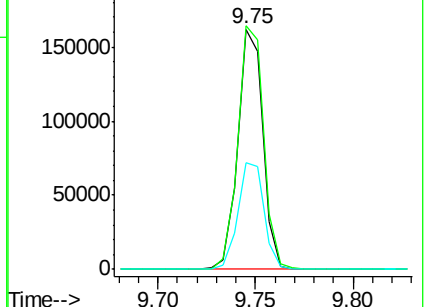
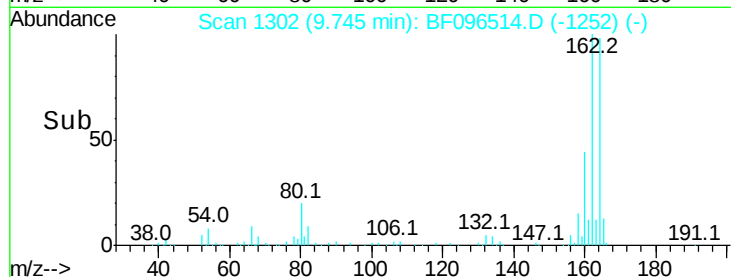
160 44.3 36.2 54.2



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: 130.26 ng

RT: 10.53 min Scan# 1436

Delta R.T. -0.01 min

Lab File: BF096514.D

Acq: 6 Jul 2017 6:05

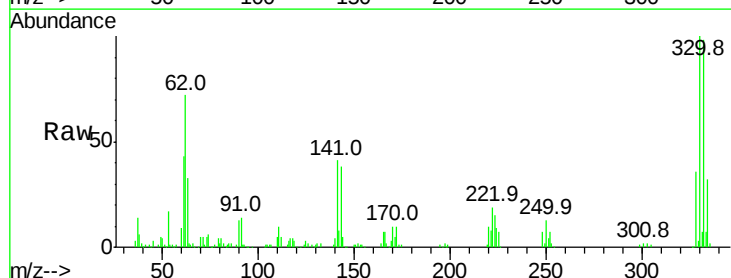
Tgt Ion:330 Resp: 146123

Ion Ratio Lower Upper

330 100

332 97.6 76.6 115.0

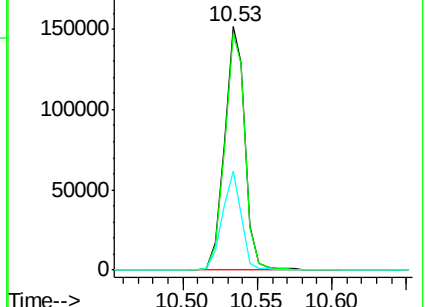
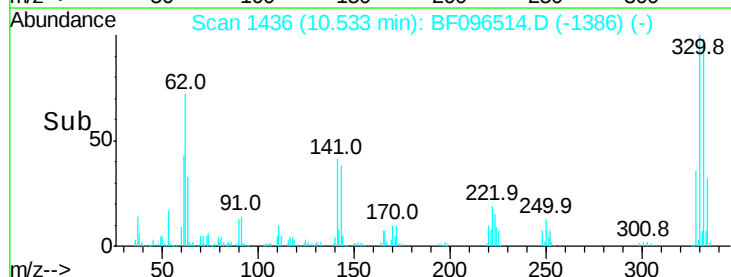
141 38.0 31.4 47.2

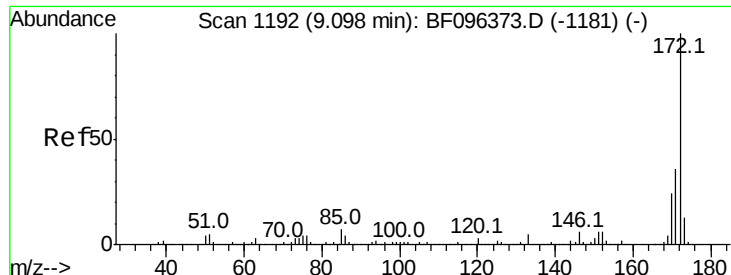


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

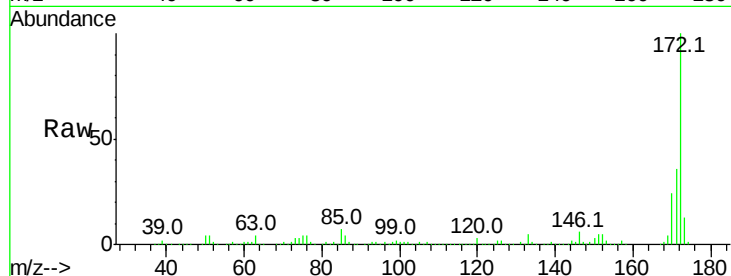




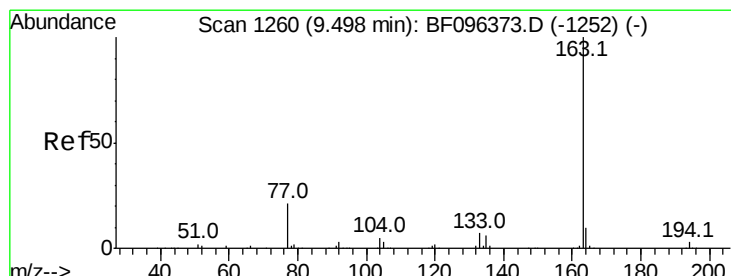
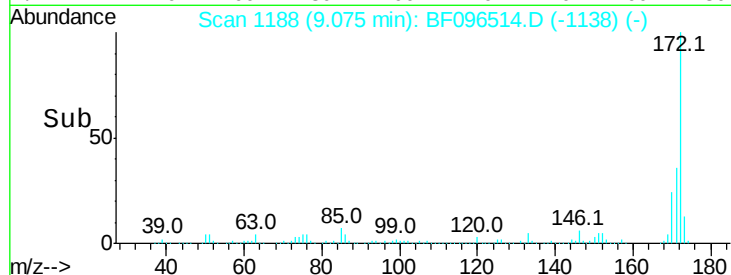
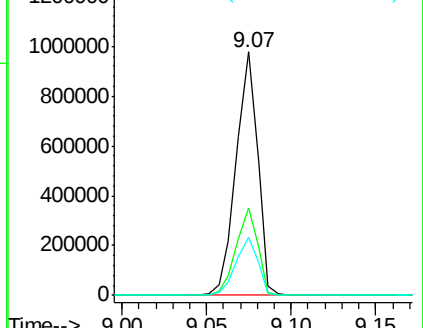
#44
2-Fluorobiphenyl
Concen: 103.56 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF096514.D
Acq: 6 Jul 2017 6:05

Instrument :
BNA_F
ClientSampleId :
B7-10-12

Tot Ion:172 Resp: 869809
Ion Ratio Lower Upper
172 100
171 35.9 29.6 44.4
170 23.8 19.8 29.8

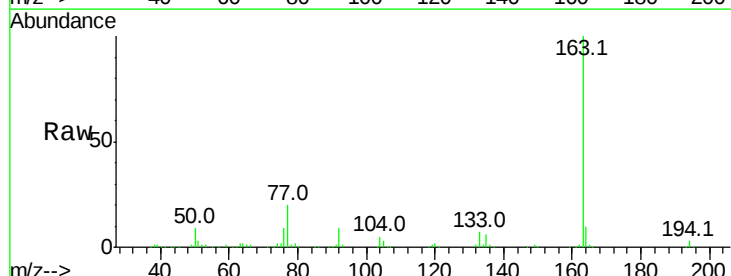


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

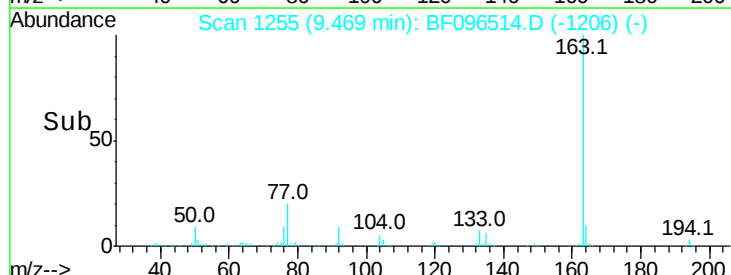
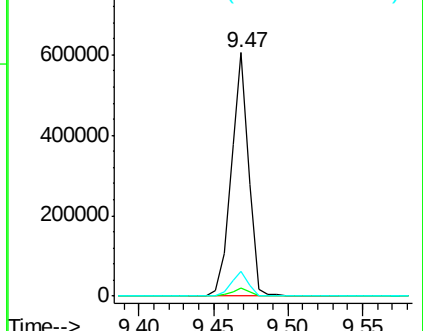


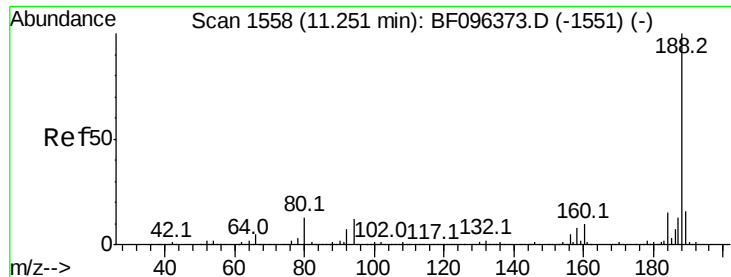
#49
Dimethylphthalate
Concen: 46.41 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF096514.D
Acq: 6 Jul 2017 6:05

Tgt Ion:163 Resp: 497490
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 10.4 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

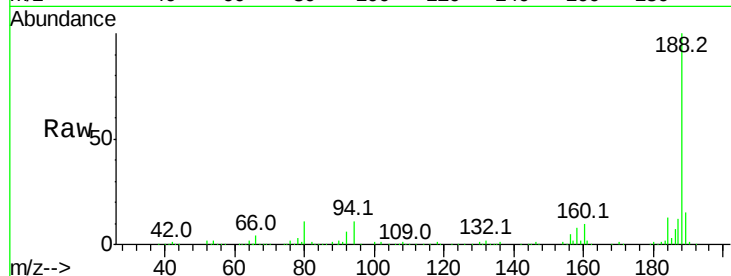




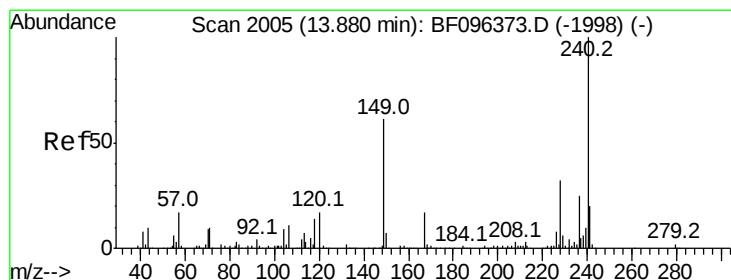
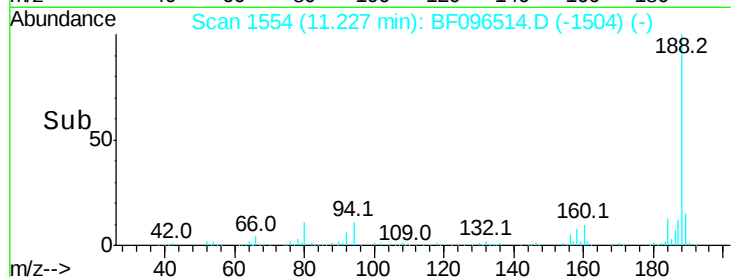
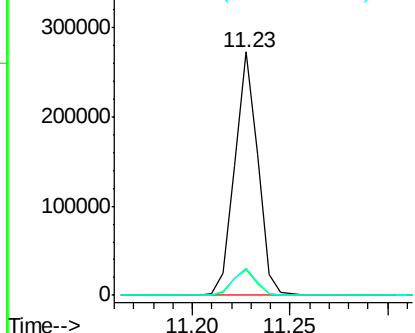
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 1554
Delta R.T. -0.01 min
Lab File: BF096514.D
Acq: 6 Jul 2017 6:05

Instrument :
BNA_F
ClientSampleId :
B7-10-12

Tot Ion:188 Resp: 223148
Ion Ratio Lower Upper
188 100
94 10.6 9.4 14.2
80 11.5 10.2 15.2

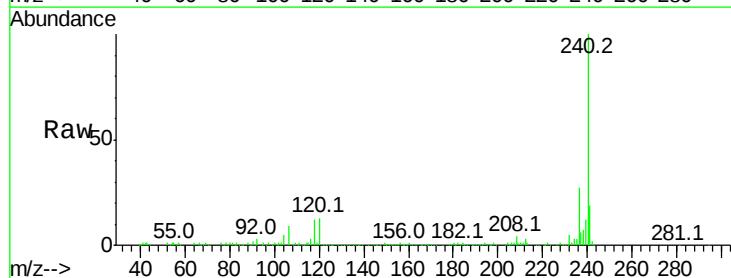


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

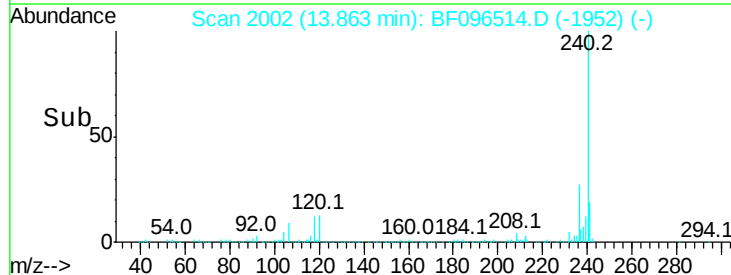
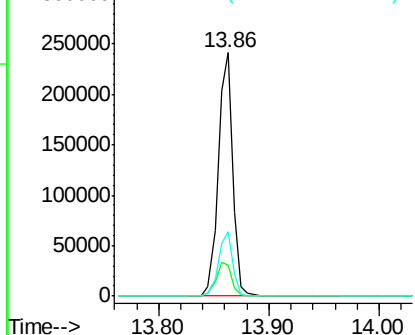


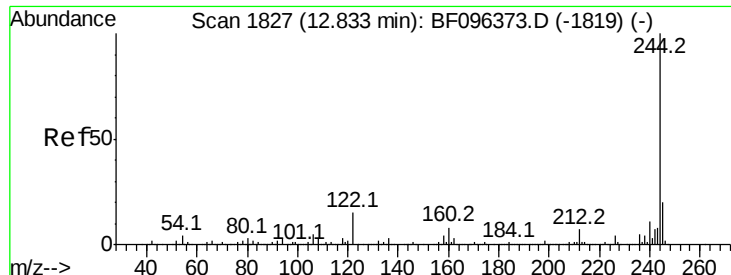
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF096514.D
Acq: 6 Jul 2017 6:05

Tgt Ion:240 Resp: 219397
Ion Ratio Lower Upper
240 100
120 12.7 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

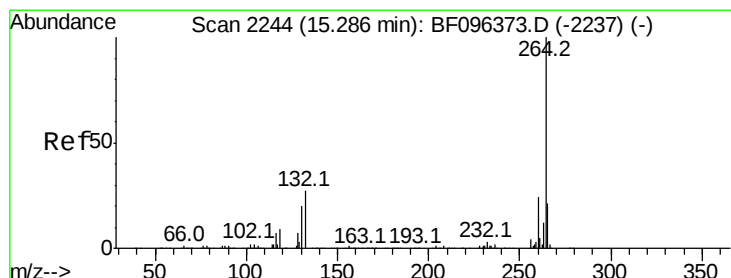
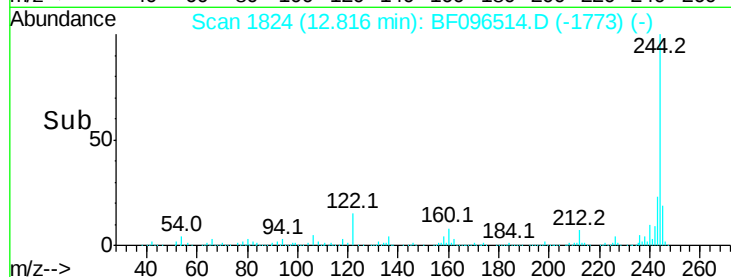
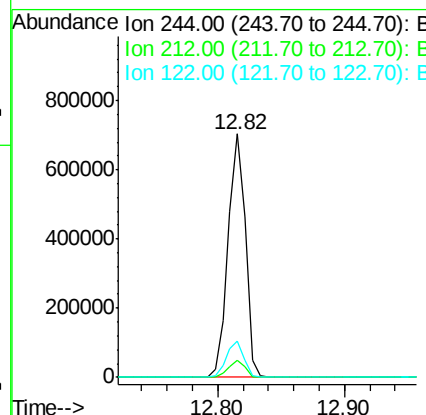
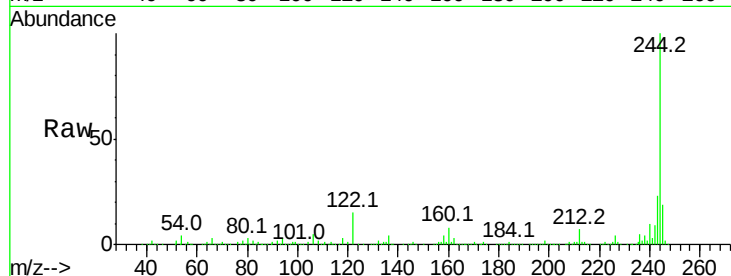




#78
 Terphenyl-d14
 Concen: 65.24 ng
 RT: 12.82 min Scan# 1824
 Delta R.T. 0.00 min
 Lab File: BF096514.D
 Acq: 6 Jul 2017 6:05

Instrument :
 BNA_F
 ClientSampleId :
 B7-10-12

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.0	9.0
122	15.1	10.3	15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.27 min Scan# 2241
 Delta R.T. -0.01 min
 Lab File: BF096514.D
 Acq: 6 Jul 2017 6:05

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	20.8	17.2	25.8

