

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070517\
 Data File : BF096474.D
 Acq On : 5 Jul 2017 10:45
 Operator : SJ/MA
 Sample : PB100369BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB100369BL

Quant Time: Jul 05 13:33:38 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	6.71	152	114425	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	499362	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	227994	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	412577	20.00	ng	0.00
75) Chrysene-d12	13.86	240	370678	20.00	ng	-0.01
86) Perylene-d12	15.27	264	282625	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	910346	117.43	ng	0.01
7) Phenol-d6	6.35	99	1105408	115.98	ng	0.00
23) Nitrobenzene-d5	7.27	82	648090	77.99	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	242780	136.32	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1174451	88.07	ng	0.00
78) Terphenyl-d14	12.82	244	1059787	61.09	ng	0.00

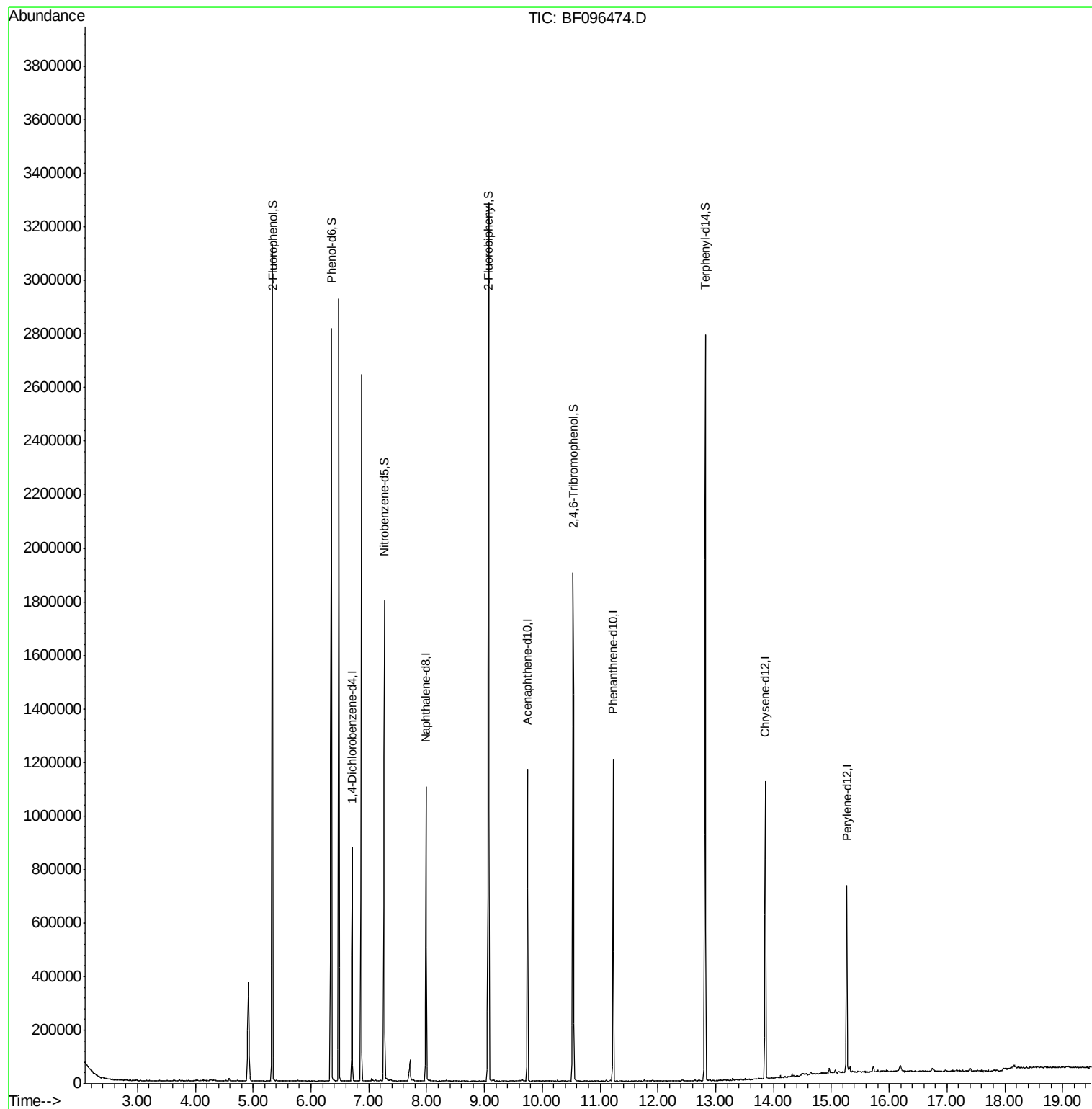
Target Compounds Qvalue

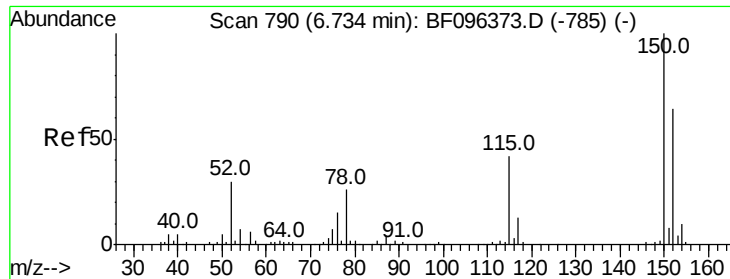
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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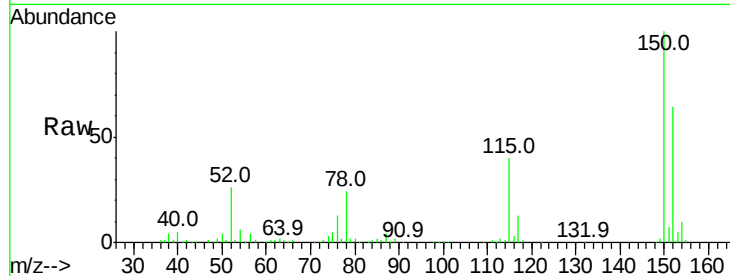


#1

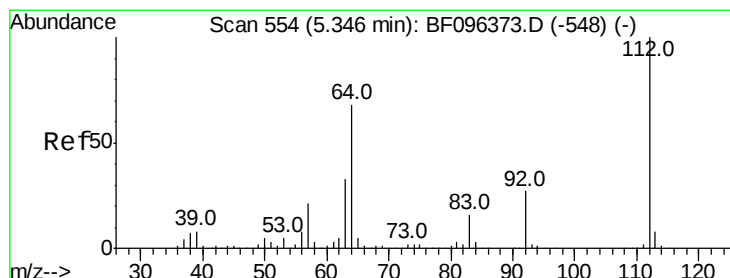
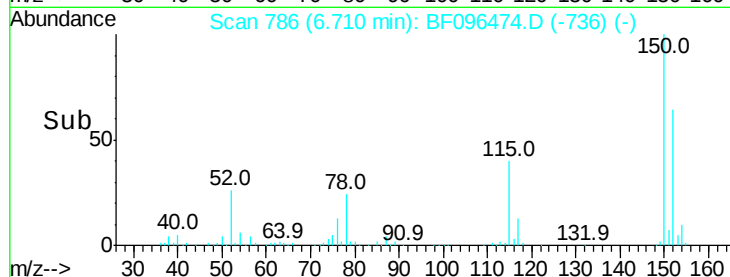
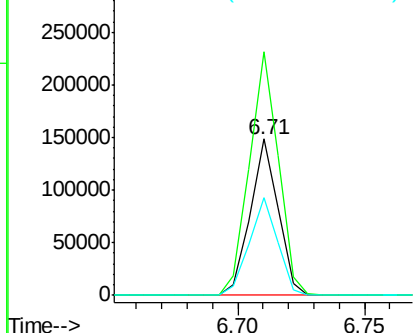
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF096474.D
Acq: 5 Jul 2017 10:45

Instrument :
BNA_F
ClientSampleId :
PB100369BL

Tot Ion:152 Resp: 114425
Ion Ratio Lower Upper
152 100
150 155.8 126.2 189.2
115 62.9 52.2 78.2



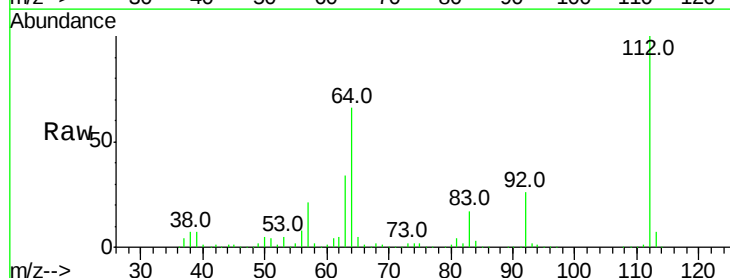
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



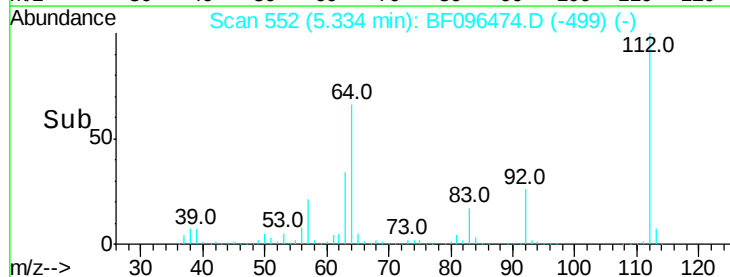
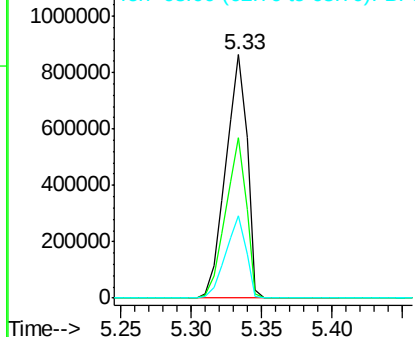
#5

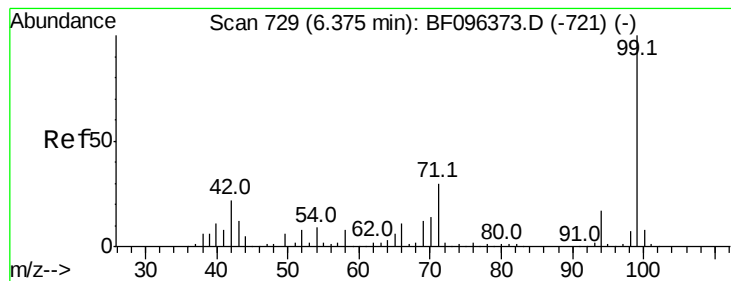
2-Fluorophenol
Concen: 117.43 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF096474.D
Acq: 5 Jul 2017 10:45

Tgt Ion:112 Resp: 910346
Ion Ratio Lower Upper
112 100
64 65.7 46.0 69.0
63 33.6 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: 115.98 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF096474.D

Acq: 5 Jul 2017 10:45

Instrument :

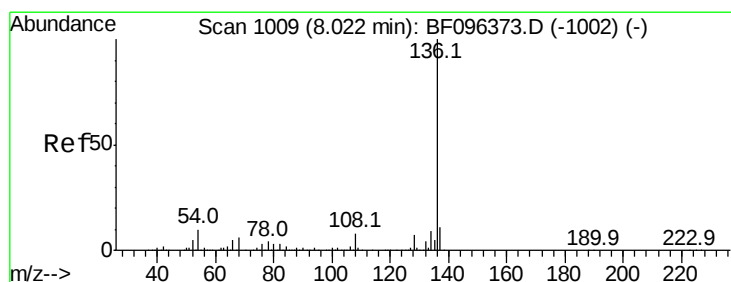
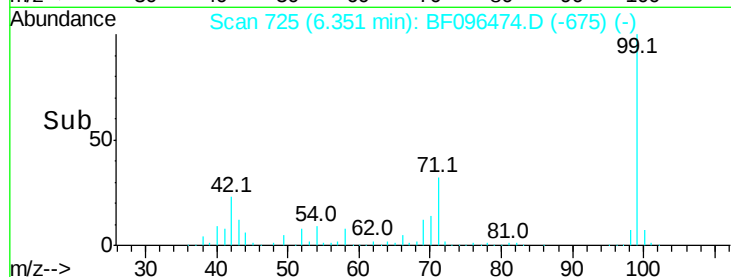
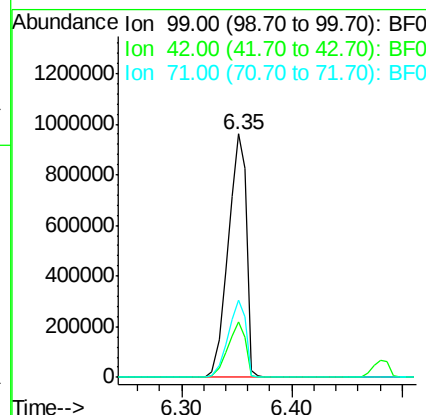
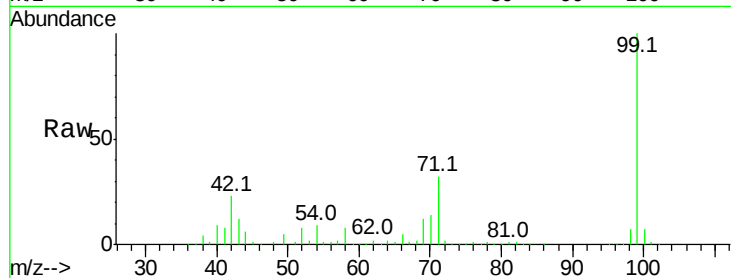
BNA_F

ClientSampleId :

PB100369BL

Tot Ion: 99 Resp: 1105408

Ion	Ratio	Lower	Upper
99	100		
42	23.0	13.5	20.3#
71	31.7	24.5	36.7



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.99 min Scan# 1004

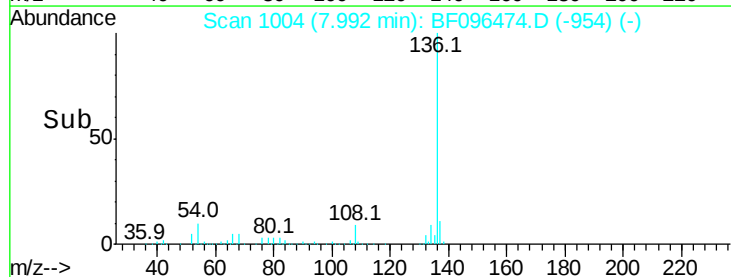
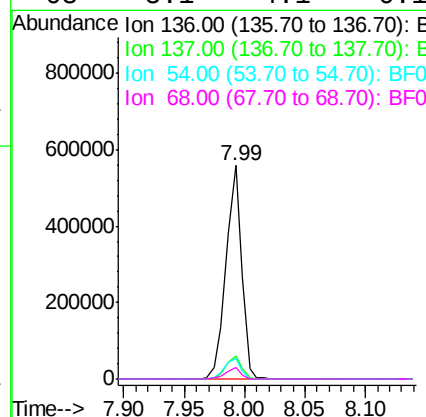
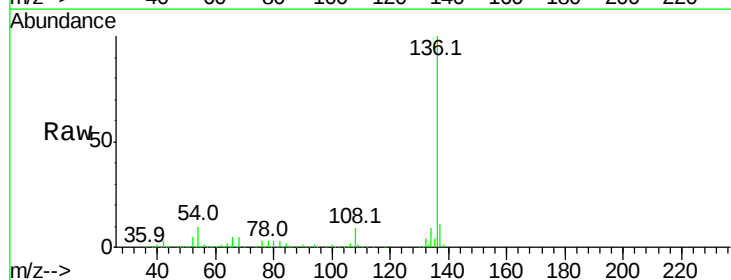
Delta R.T. -0.01 min

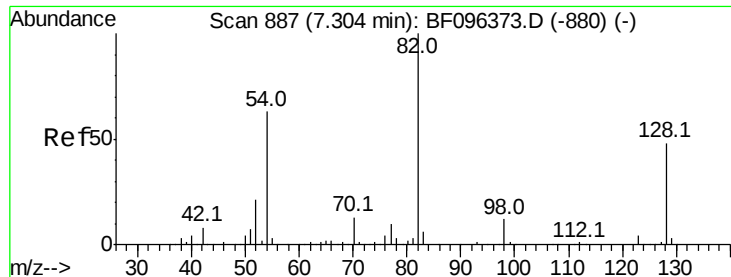
Lab File: BF096474.D

Acq: 5 Jul 2017 10:45

Tgt Ion: 136 Resp: 499362

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	9.7	4.9	7.3#
68	5.1	4.1	6.1

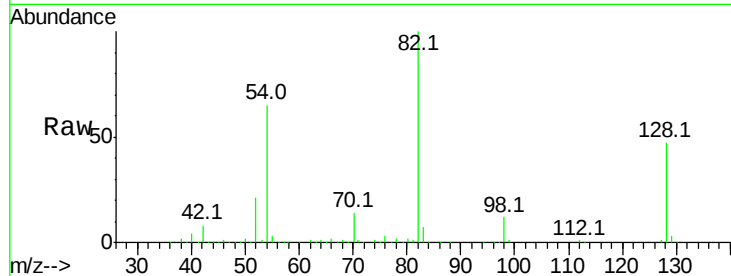




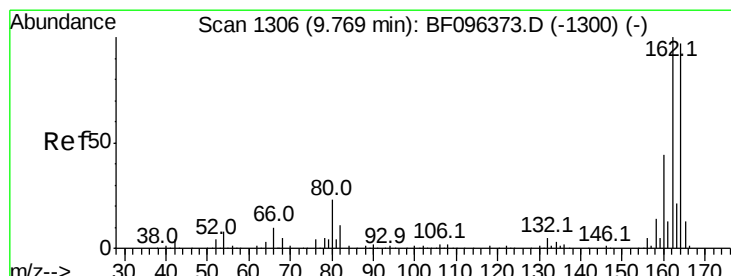
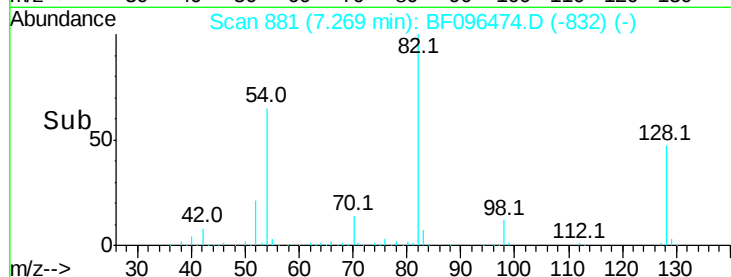
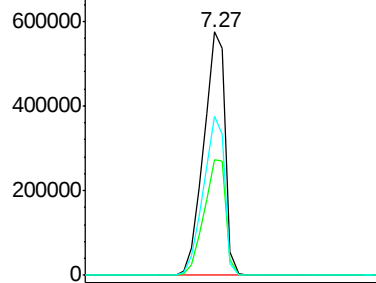
#23
Nitrobenzene-d5
Concen: 77.99 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF096474.D
Acq: 5 Jul 2017 10:45

Instrument :
BNA_F
ClientSampleId :
PB100369BL

Tot Ion: 82 Resp: 648090
Ion Ratio Lower Upper
82 100
128 47.5 34.0 51.0
54 65.2 42.2 63.2#

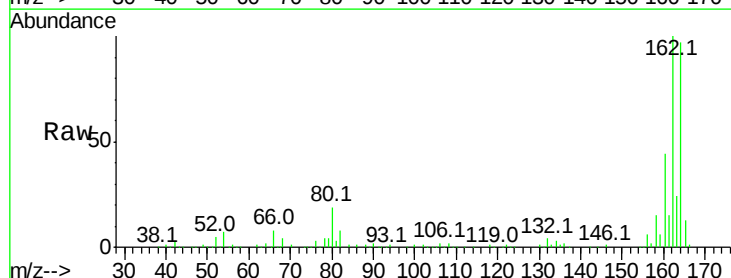


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

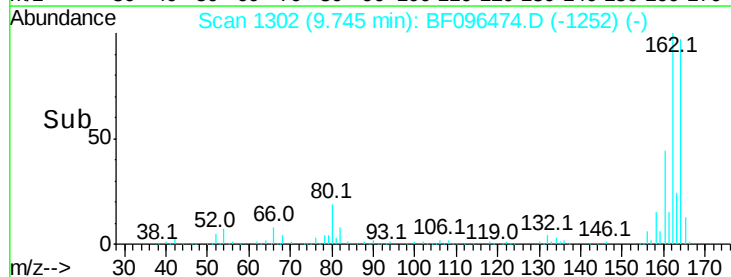
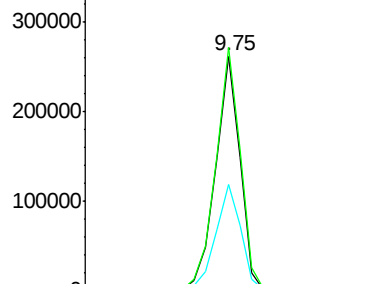


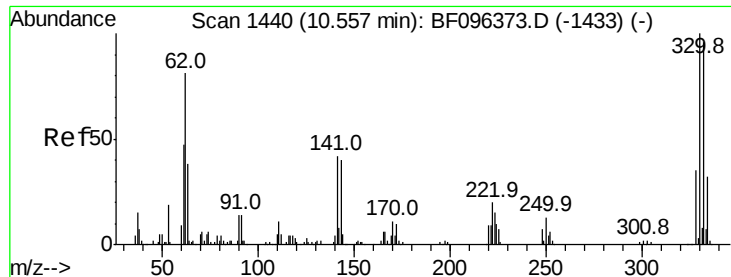
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF096474.D
Acq: 5 Jul 2017 10:45

Tgt Ion:164 Resp: 227994
Ion Ratio Lower Upper
164 100
162 103.5 82.6 123.8
160 45.1 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

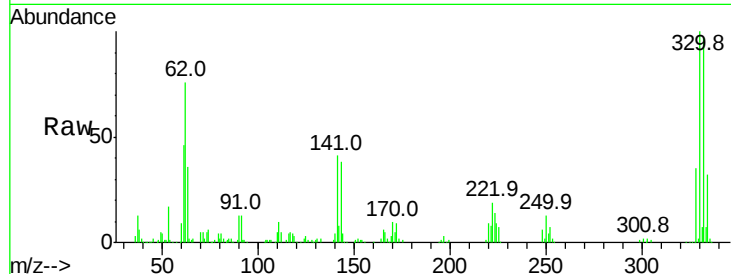




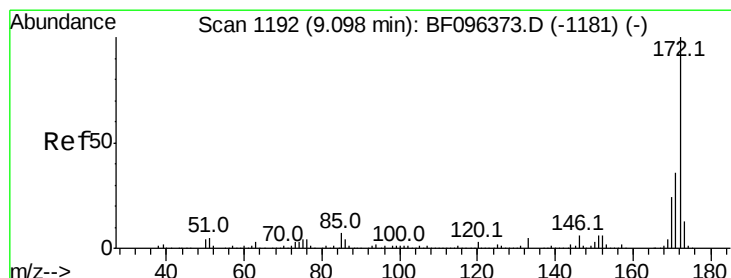
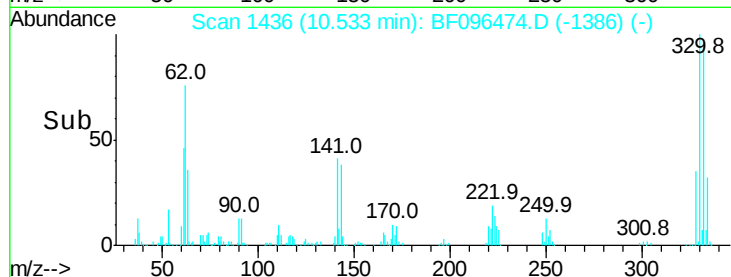
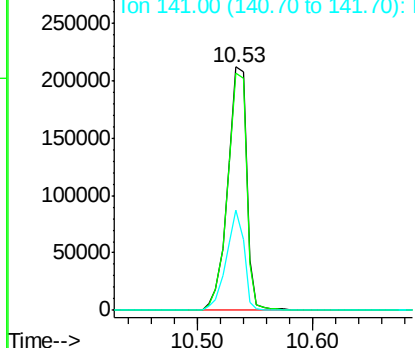
#41
 2,4,6-Tribromophenol
 Concen: 136.32 ng
 RT: 10.53 min Scan# 1436
 Delta R.T. -0.01 min
 Lab File: BF096474.D
 Acq: 5 Jul 2017 10:45

Instrument :
 BNA_F
 ClientSampleId :
 PB100369BL

Tot Ion:330 Resp: 242780
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.6 115.0
 141 38.0 31.4 47.2

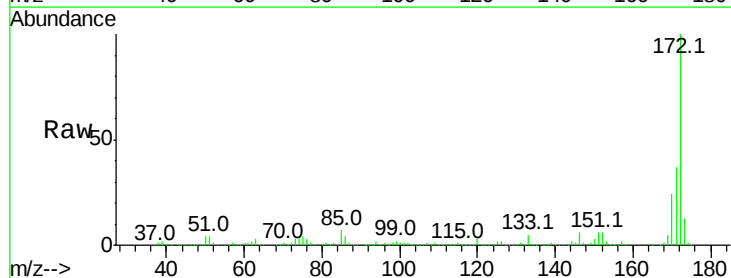


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

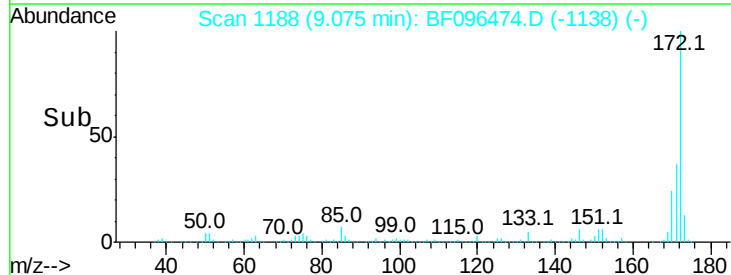
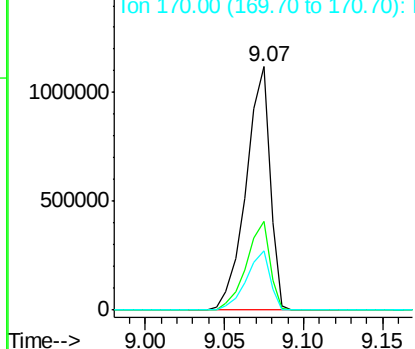


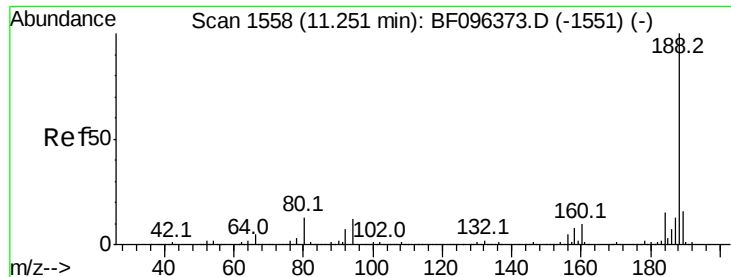
#44
 2-Fluorobiphenyl
 Concen: 88.07 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF096474.D
 Acq: 5 Jul 2017 10:45

Tgt Ion:172 Resp: 1174451
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.6 44.4
 170 24.1 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

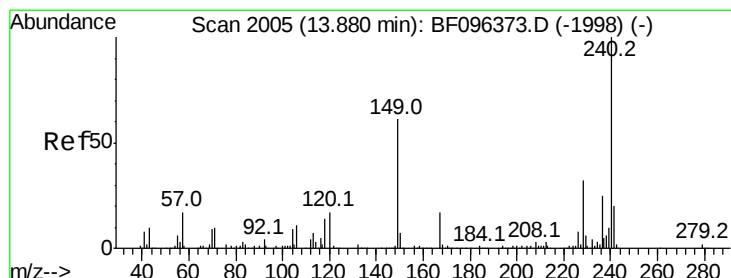
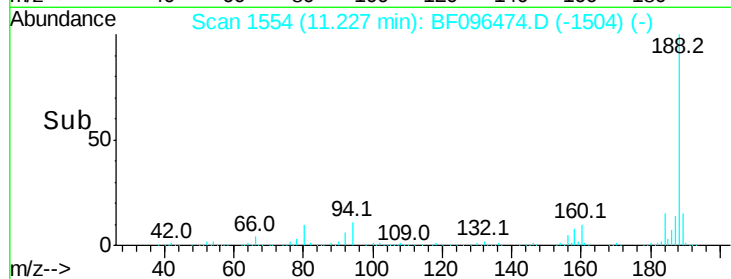
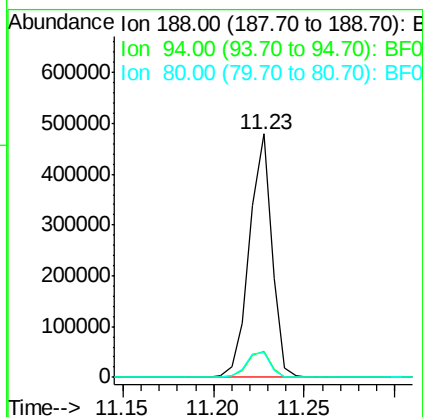
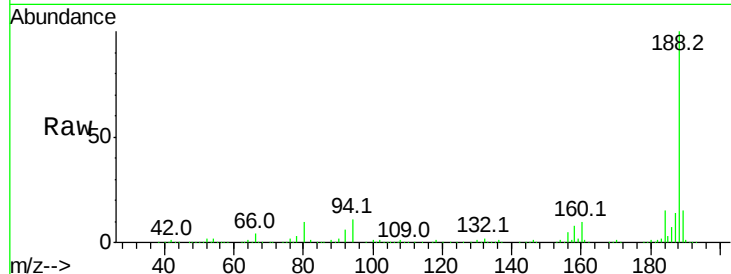




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 1554
Delta R.T. -0.01 min
Lab File: BF096474.D
Acq: 5 Jul 2017 10:45

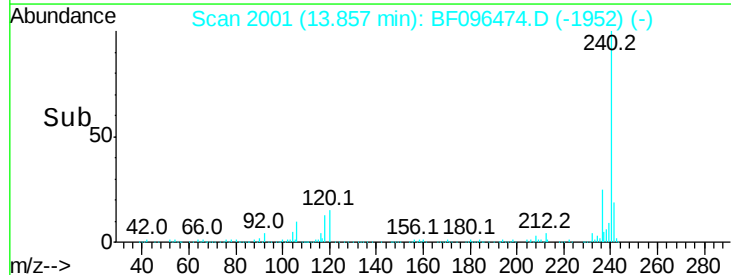
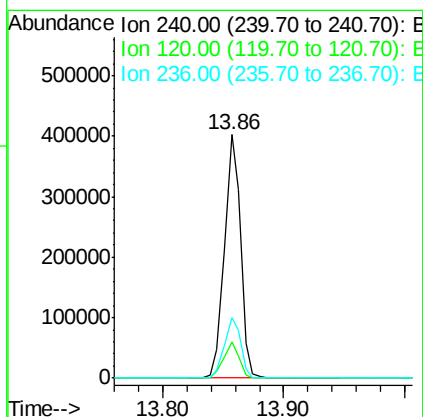
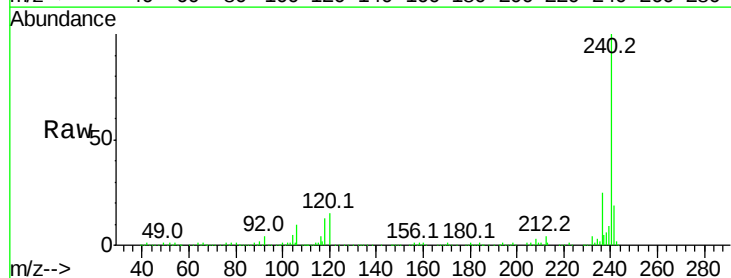
Instrument :
BNA_F
ClientSampleId :
PB100369BL

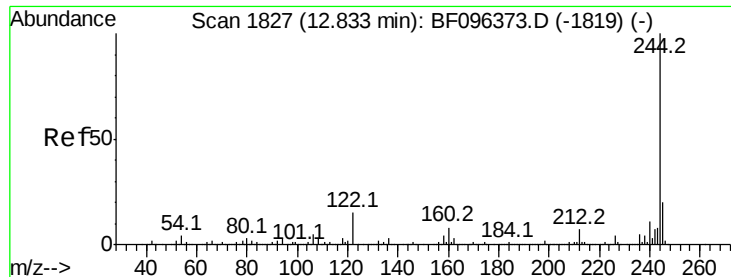
Tot Ion:188 Resp: 412577
Ion Ratio Lower Upper
188 100
94 10.5 9.4 14.2
80 10.2 10.2 15.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BF096474.D
Acq: 5 Jul 2017 10:45

Tgt Ion:240 Resp: 370678
Ion Ratio Lower Upper
240 100
120 14.9 5.8 8.8#
236 24.7 20.5 30.7





#78

Terphenyl-d14

Concen: 61.09 ng

RT: 12.82 min Scan# 1825

Delta R.T. 0.01 min

Lab File: BF096474.D

Acq: 5 Jul 2017 10:45

Instrument :

BNA_F

ClientSampleId :

PB100369BL

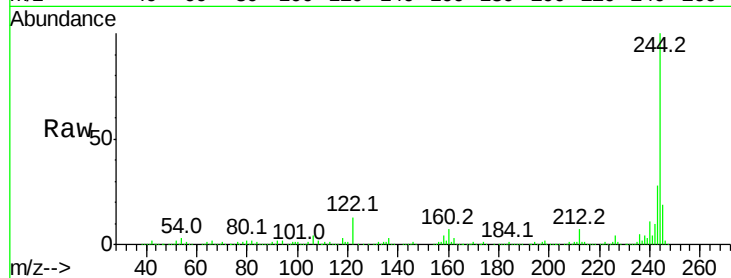
Tot Ion:244 Resp: 1059787

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

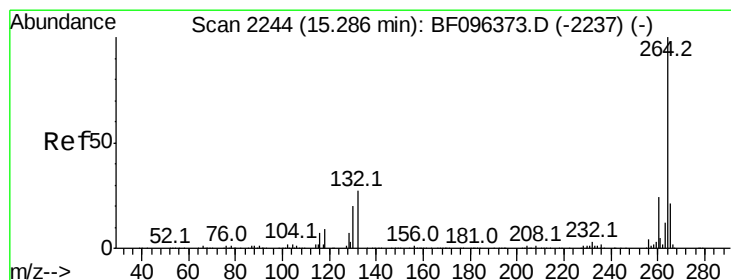
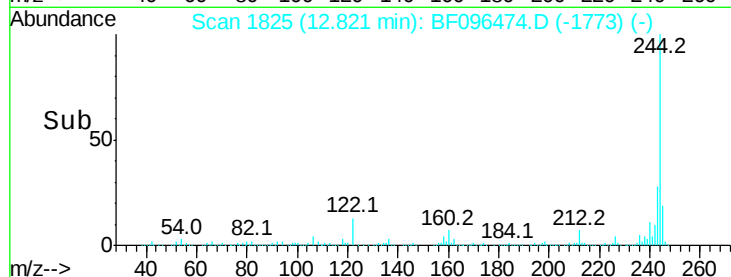
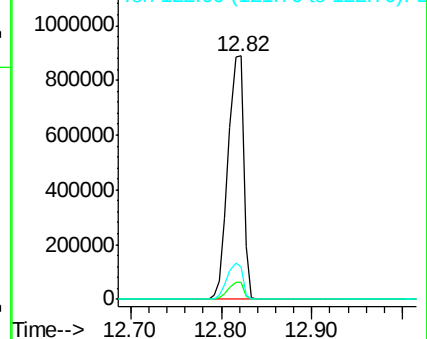
122 13.4 10.3 15.5



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: 20.00 ng

RT: 15.27 min Scan# 2241

Delta R.T. -0.01 min

Lab File: BF096474.D

Acq: 5 Jul 2017 10:45

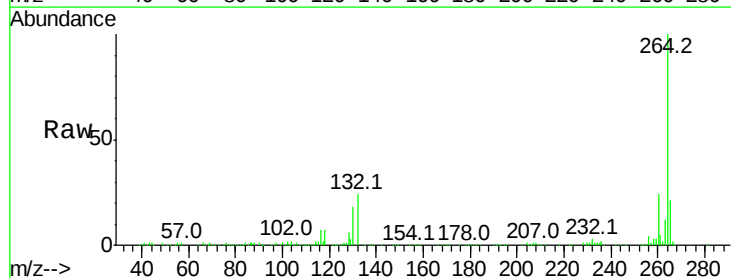
Tgt Ion:264 Resp: 282625

Ion Ratio Lower Upper

264 100

260 24.0 19.5 29.3

265 21.3 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

