

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071017\
 Data File : BF096597.D
 Acq On : 10 Jul 2017 13:29
 Operator : SJ/JU
 Sample : I4086-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A2882

Quant Time: Jul 11 02:08:53 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

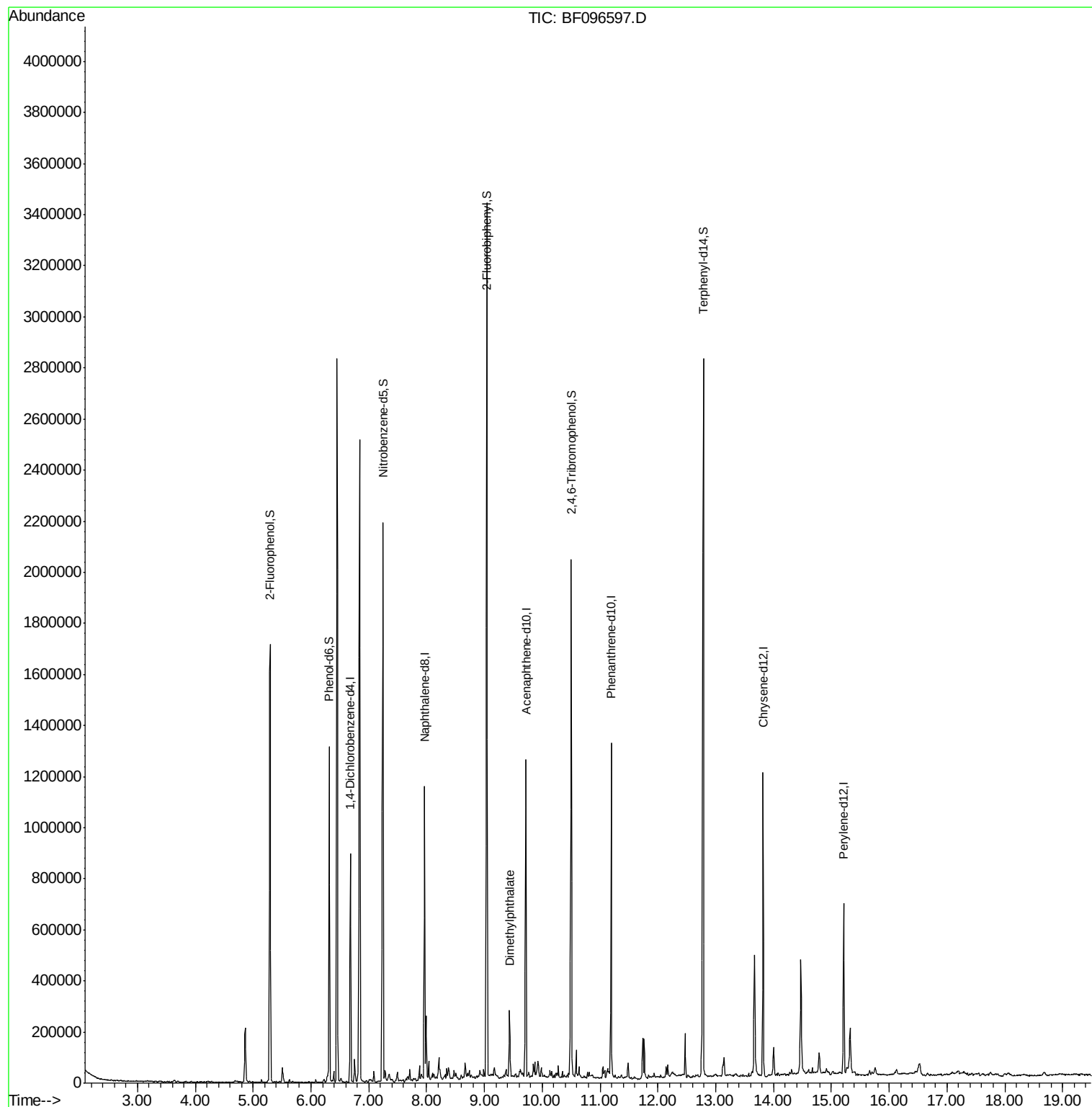
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	126921	20.00	ng	-0.02
21) Naphthalene-d8	7.96	136	538107	20.00	ng	-0.02
38) Acenaphthene-d10	9.72	164	238444	20.00	ng	-0.02
63) Phenanthrene-d10	11.19	188	441829	20.00	ng	-0.02
75) Chrysene-d12	13.82	240	372158	20.00	ng	-0.02
86) Perylene-d12	15.22	264	260608	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	484311	56.32	ng	-0.02
7) Phenol-d6	6.32	99	393738	37.25	ng	-0.03
23) Nitrobenzene-d5	7.25	82	735338	82.12	ng	-0.02
41) 2,4,6-Tribromophenol	10.50	330	262207	140.78	ng	-0.02
44) 2-Fluorobiphenyl	9.05	172	1287121	92.29	ng	-0.02
78) Terphenyl-d14	12.79	244	1044426	59.97	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.43	163	96424	5.42	ng	Qvalue 99

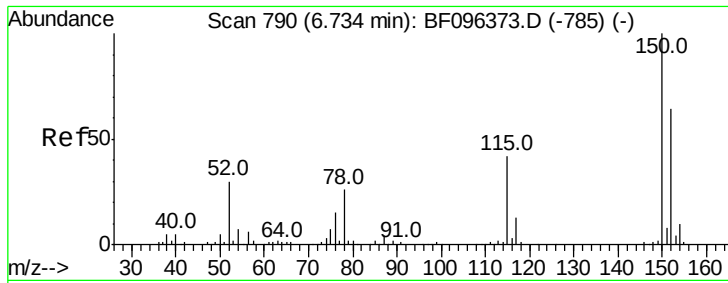
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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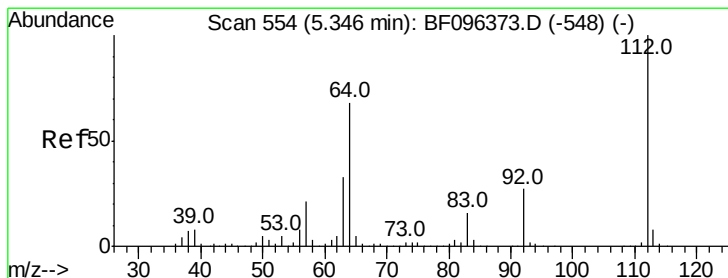
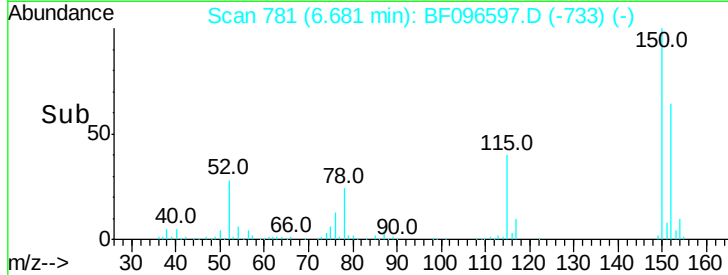
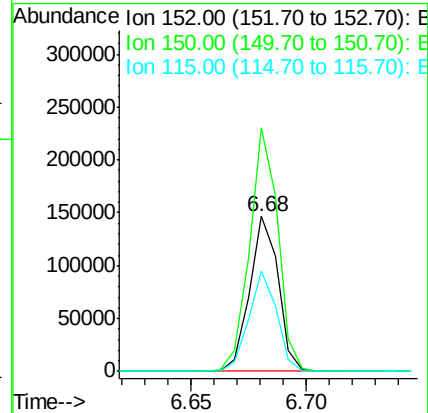
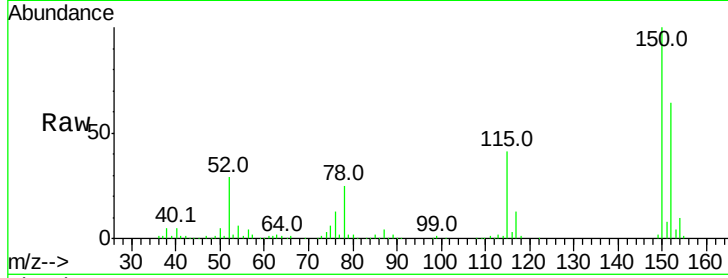


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.68 min Scan# 781
Delta R.T. -0.02 min
Lab File: BF096597.D
Acq: 10 Jul 2017 13:29

Instrument :
BNA_F
ClientSampleId :
A2882

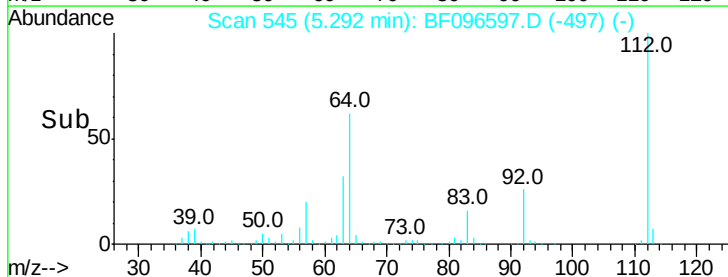
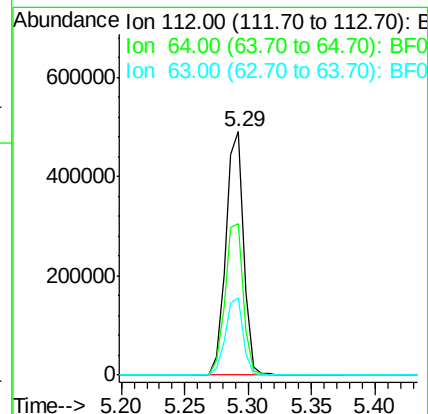
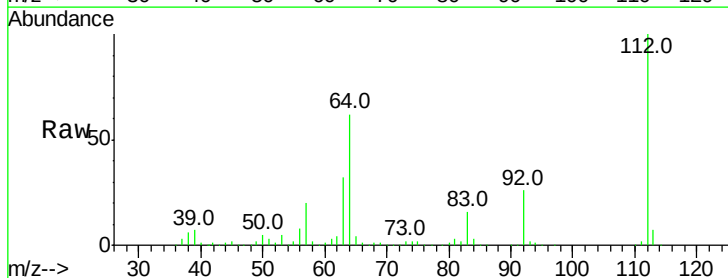
Tot Ion:152 Resp: 126921
Ion Ratio Lower Upper
152 100
150 156.9 126.2 189.2
115 64.7 52.2 78.2

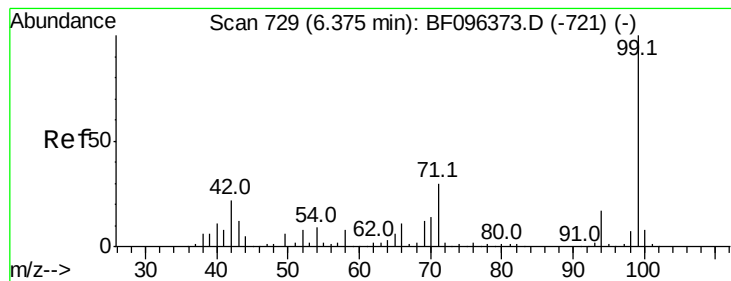


#5

2-Fluorophenol
Concen: 56.32 ng
RT: 5.29 min Scan# 545
Delta R.T. -0.02 min
Lab File: BF096597.D
Acq: 10 Jul 2017 13:29

Tgt Ion:112 Resp: 484311
Ion Ratio Lower Upper
112 100
64 62.0 46.0 69.0
63 31.6 23.4 35.0





#7

Phenol-d6

Concen: 37.25 ng

RT: 6.32 min Scan# 719

Delta R.T. -0.03 min

Lab File: BF096597.D

Acq: 10 Jul 2017 13:29

Instrument :

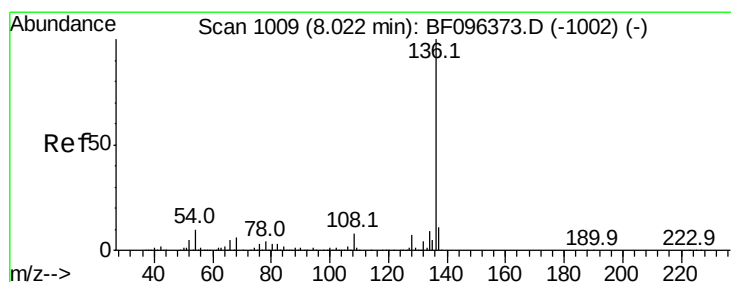
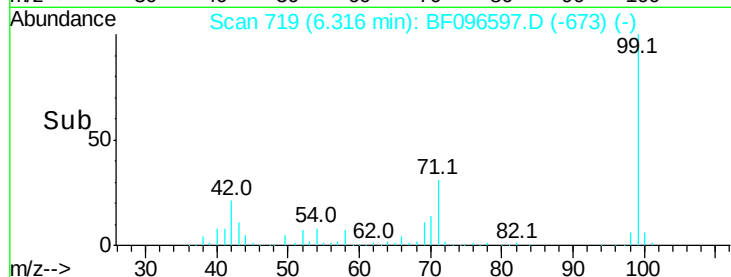
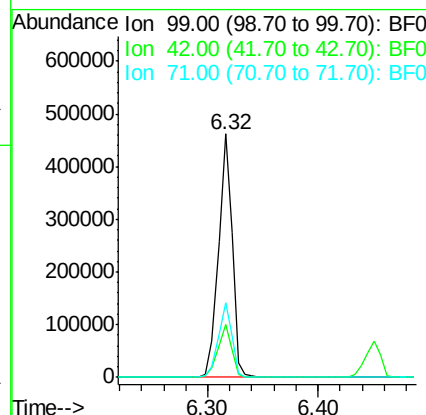
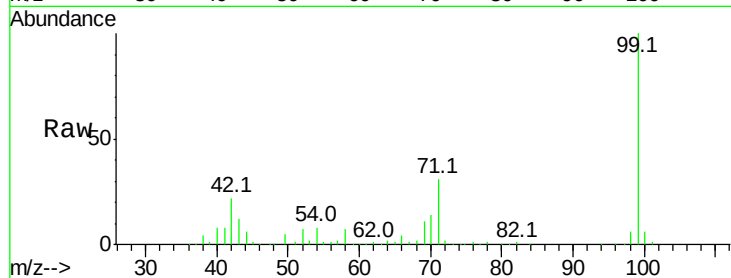
BNA_F

ClientSampleId :

A2882

Tot Ion: 99 Resp: 393738

Ion	Ratio	Lower	Upper
99	100		
42	21.6	13.5	20.3#
71	30.5	24.5	36.7



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.96 min Scan# 999

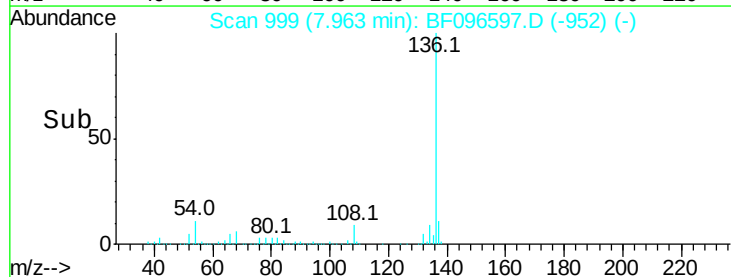
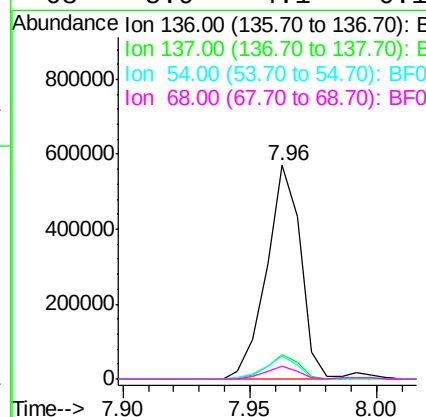
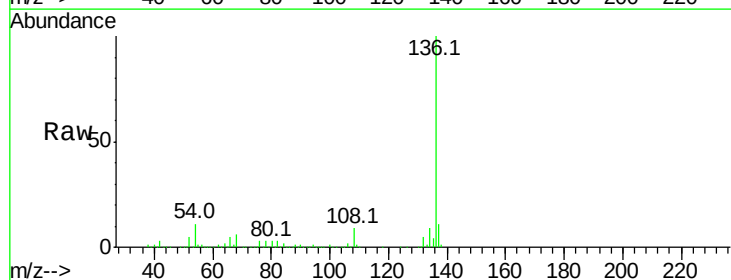
Delta R.T. -0.02 min

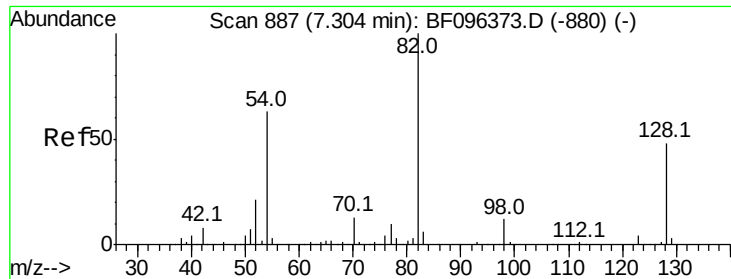
Lab File: BF096597.D

Acq: 10 Jul 2017 13:29

Tgt Ion: 136 Resp: 538107

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	10.6	4.9	7.3#
68	5.9	4.1	6.1

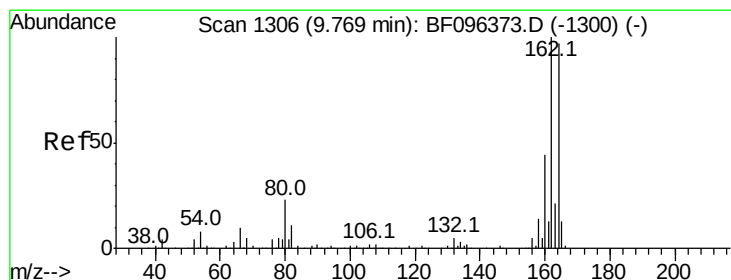
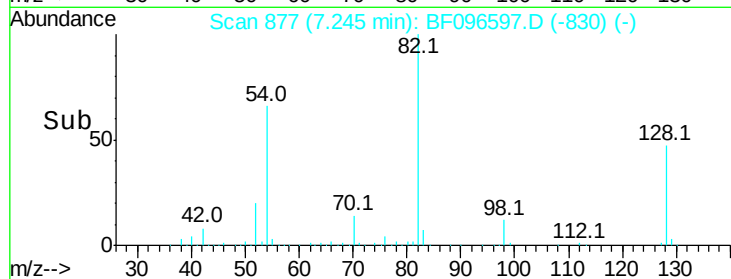
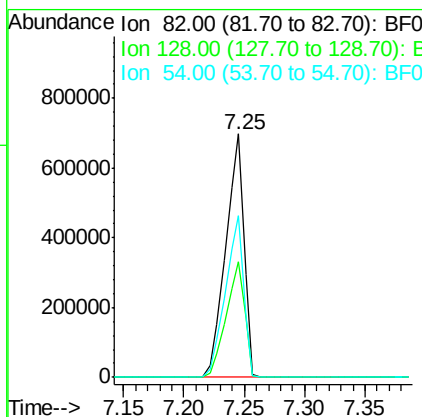
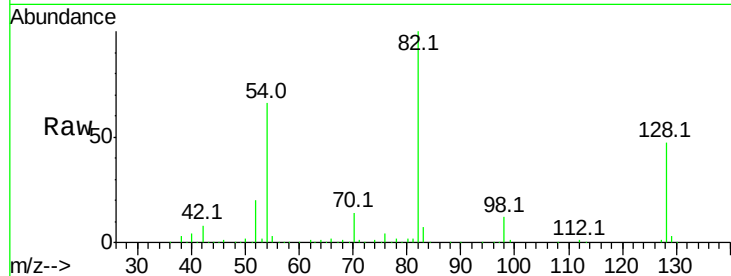




#23
Nitrobenzene-d5
Concen: 82.12 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.02 min
Lab File: BF096597.D
Acq: 10 Jul 2017 13:29

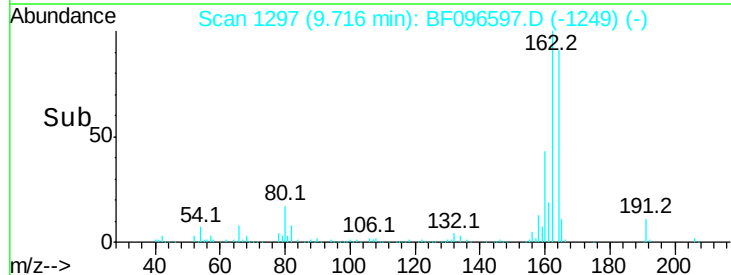
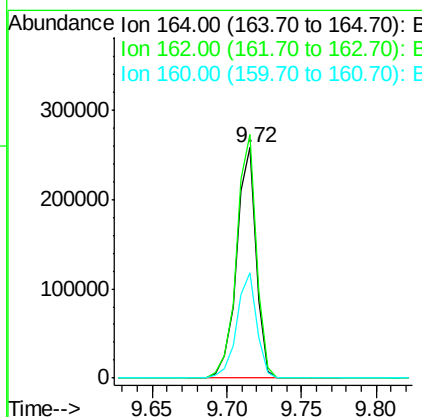
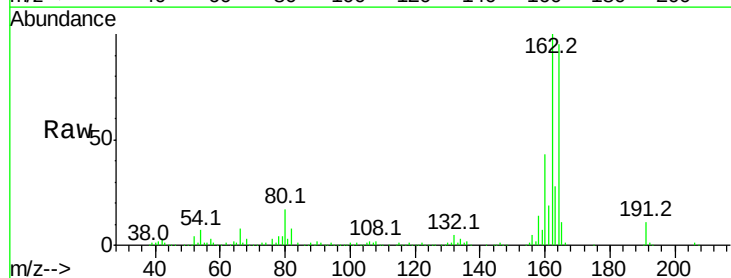
Instrument :
BNA_F
ClientSampleId :
A2882

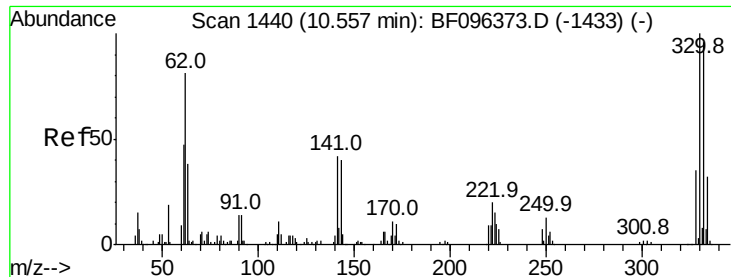
Tot Ion	82	Resp	735338
Ion Ratio	100		
128	47.4	34.0	51.0
54	66.2	42.2	63.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF096597.D
Acq: 10 Jul 2017 13:29

Tgt Ion	164	Resp	238444
Ion Ratio	100		
162	105.7	82.6	123.8
160	45.6	36.2	54.2

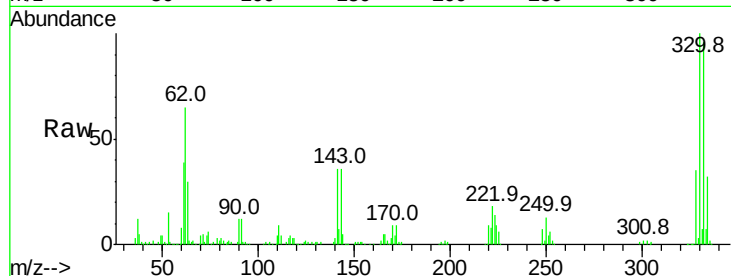




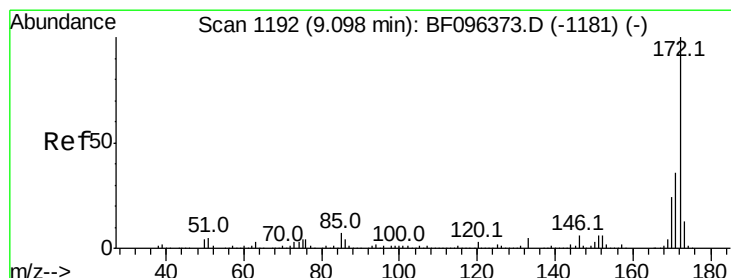
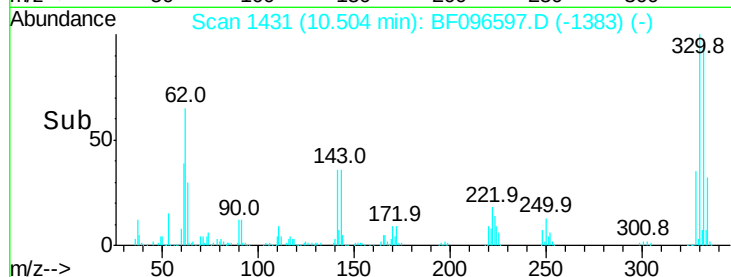
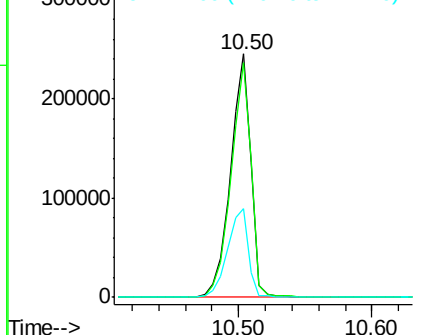
#41
 2,4,6-Tribromophenol
 Concen: 140.78 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.02 min
 Lab File: BF096597.D
 Acq: 10 Jul 2017 13:29

Instrument :
 BNA_F
 ClientSampleId :
 A2882

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.6	115.0
141	38.0	31.4	47.2

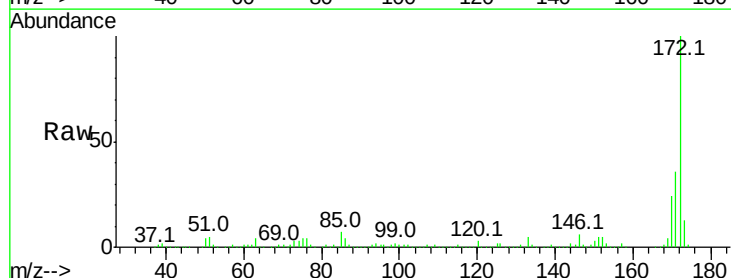


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

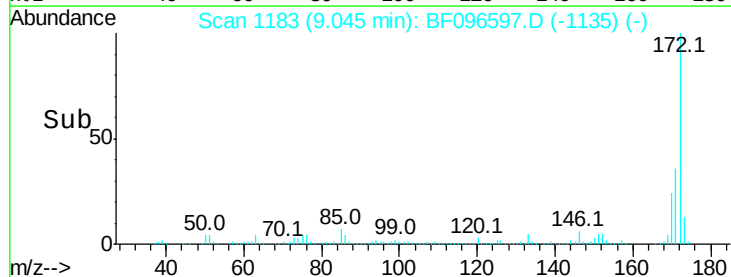
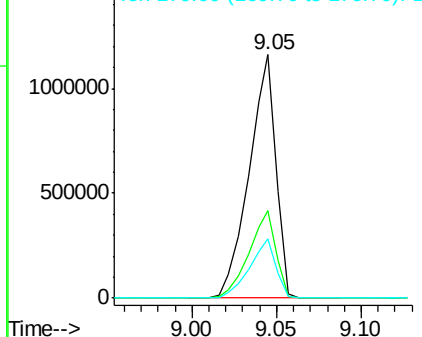


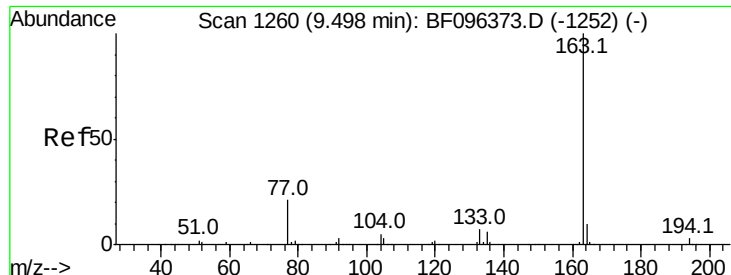
#44
 2-Fluorobiphenyl
 Concen: 92.29 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.02 min
 Lab File: BF096597.D
 Acq: 10 Jul 2017 13:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	24.3	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: 5.42 ng

RT: 9.43 min Scan# 1249

Delta R.T. -0.04 min

Lab File: BF096597.D

Acq: 10 Jul 2017 13:29

Instrument :

BNA_F

ClientSampleId :

A2882

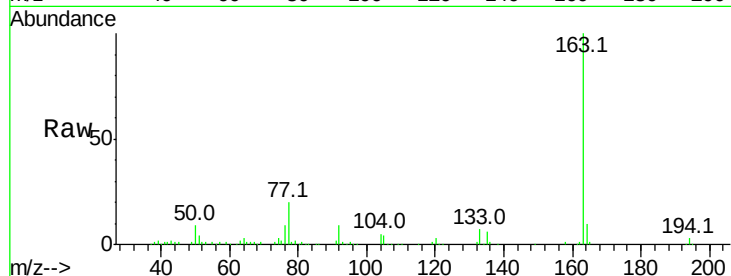
Tot Ion:163 Resp: 96424

Ion Ratio Lower Upper

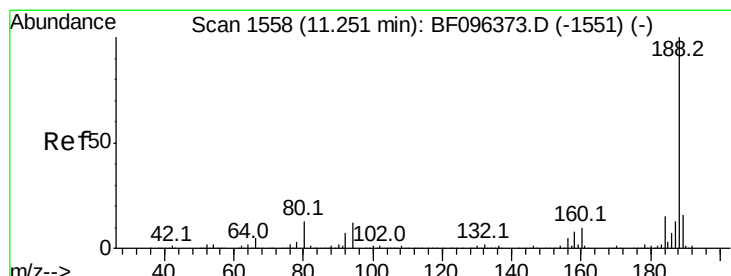
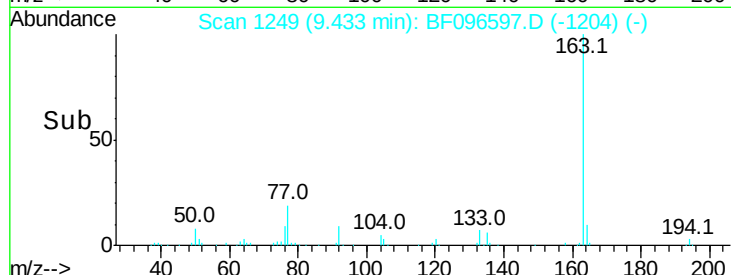
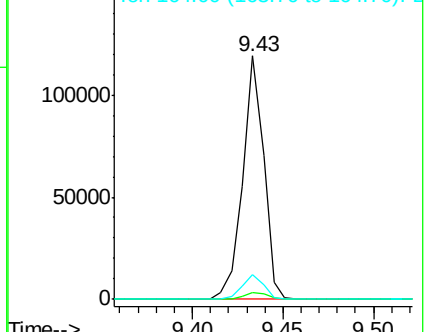
163 100

194 2.9 2.6 4.0

164 9.9 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: 11.19 min Scan# 1548

Delta R.T. -0.02 min

Lab File: BF096597.D

Acq: 10 Jul 2017 13:29

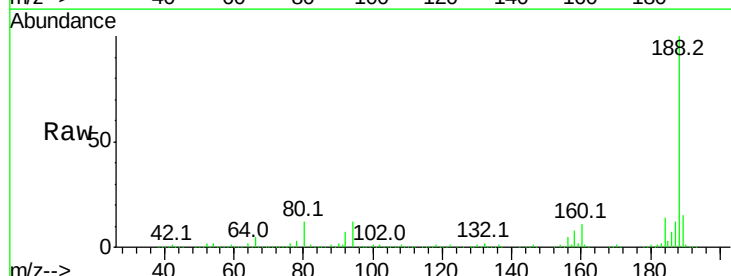
Tgt Ion:188 Resp: 441829

Ion Ratio Lower Upper

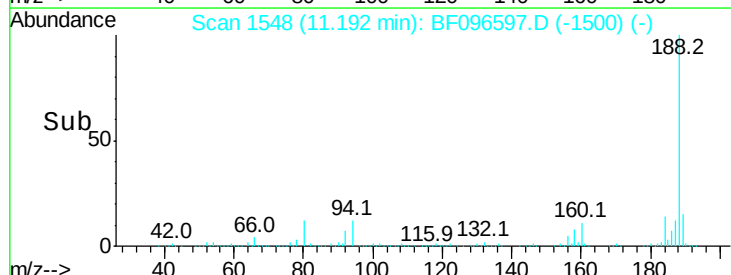
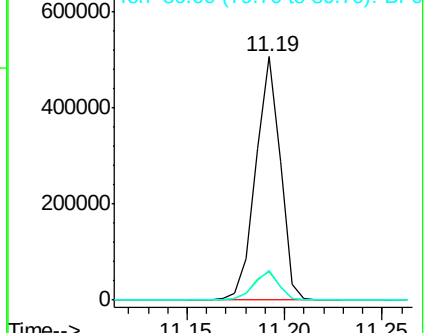
188 100

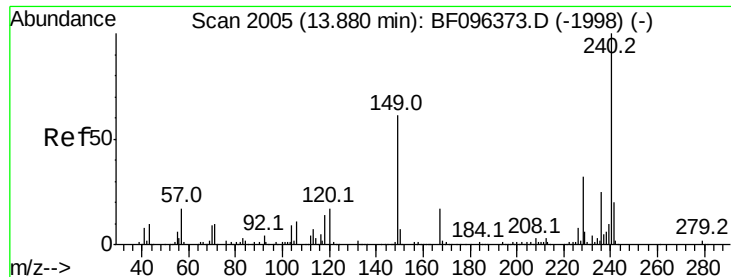
94 11.9 9.4 14.2

80 12.4 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: 13.82 min Scan# 1995

Delta R.T. -0.02 min

Lab File: BF096597.D

Acq: 10 Jul 2017 13:29

Instrument :

BNA_F

ClientSampled :

A2882

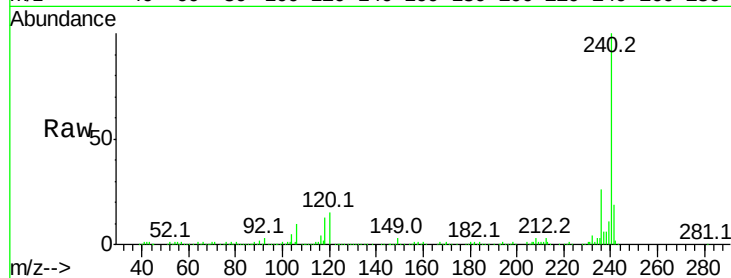
Tot Ion:240 Resp: 372158

Ion Ratio Lower Upper

240 100

120 14.8 5.8 8.8#

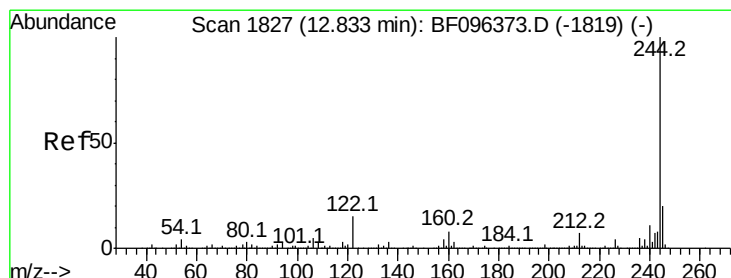
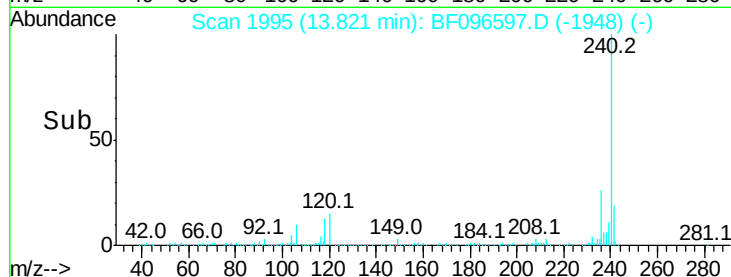
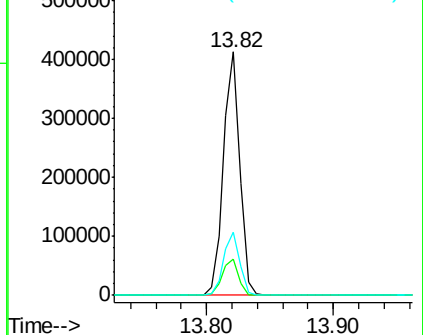
236 25.9 20.5 30.7



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: 59.97 ng

RT: 12.79 min Scan# 1819

Delta R.T. -0.01 min

Lab File: BF096597.D

Acq: 10 Jul 2017 13:29

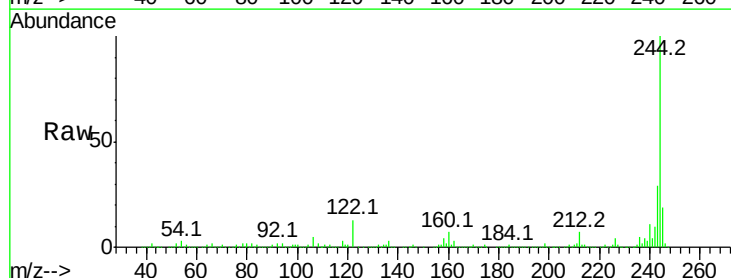
Tgt Ion:244 Resp: 1044426

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

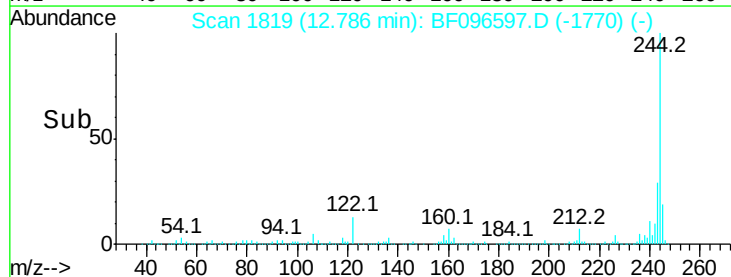
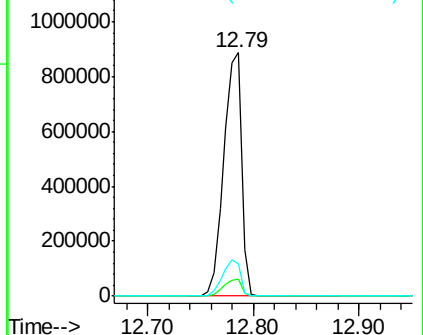
122 13.4 10.3 15.5

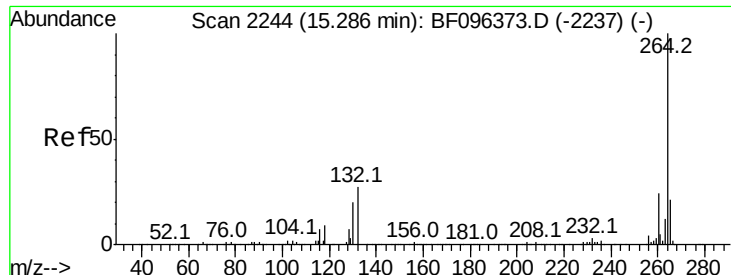


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.22 min Scan# 2232
Delta R.T. -0.03 min
Lab File: BF096597.D
Acq: 10 Jul 2017 13:29

Instrument :
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Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	22.0	17.2	25.8

