

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101916\
 Data File : BF090651.D
 Acq On : 19 Oct 2016 16:52
 Operator : UM/SJ
 Sample : H5296-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OWL-C2-GW

Quant Time: Oct 19 17:35:27 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 17 19:19:58 2016
 Response via : Initial Calibration

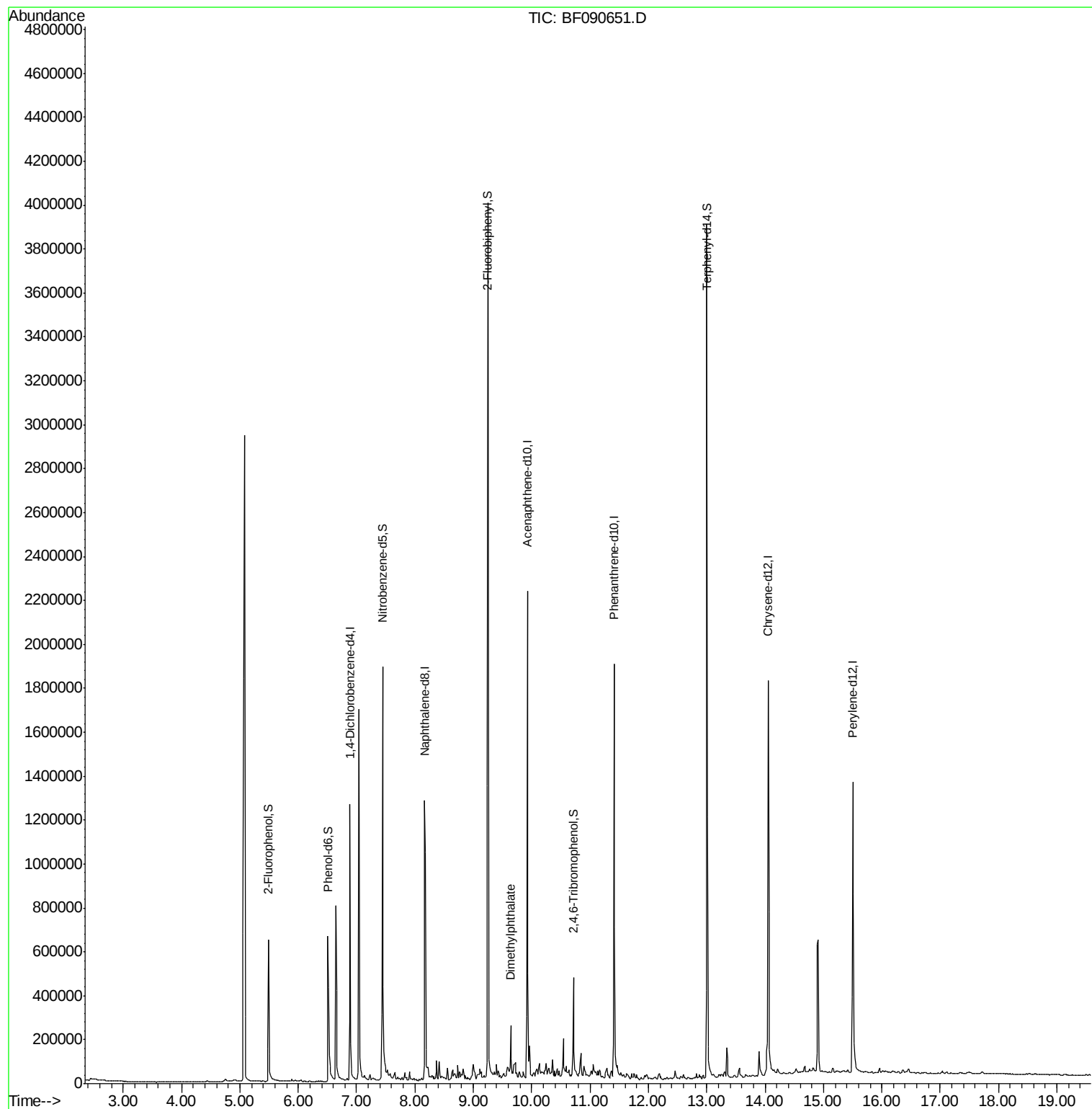
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	200125	20.00	ng	-0.02
21) Naphthalene-d8	8.17	136	865075	20.00	ng	-0.03
38) Acenaphthene-d10	9.93	164	465575	20.00	ng	-0.03
63) Phenanthrene-d10	11.41	188	776063	20.00	ng	-0.03
75) Chrysene-d12	14.05	240	682589	20.00	ng	-0.03
86) Perylene-d12	15.50	264	641622	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	203512	18.64	ng	-0.02
7) Phenol-d6	6.51	99	338175	20.85	ng	-0.03
23) Nitrobenzene-d5	7.45	82	748690	48.08	ng	-0.03
41) 2,4,6-Tribromophenol	10.71	330	52170	12.57	ng	-0.03
44) 2-Fluorobiphenyl	9.25	172	1338854	47.38	ng	-0.02
78) Terphenyl-d14	13.00	244	1318476	44.97	ng	-0.03
Target Compounds						
49) Dimethylphthalate	9.64	163	94825	3.14	ng	Qvalue 100

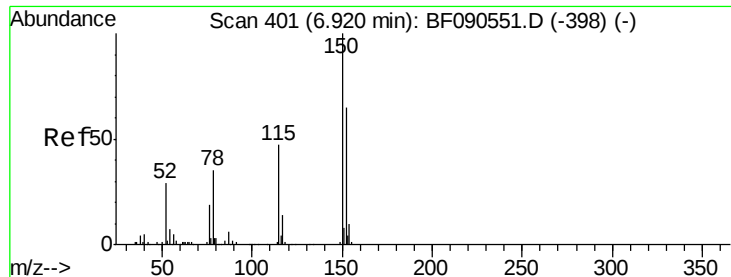
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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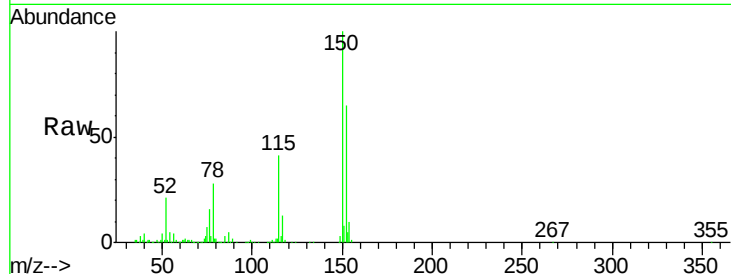


#1

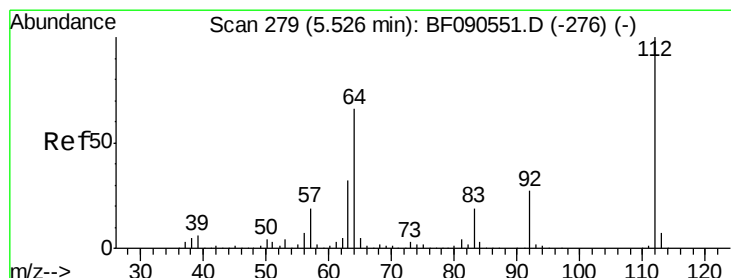
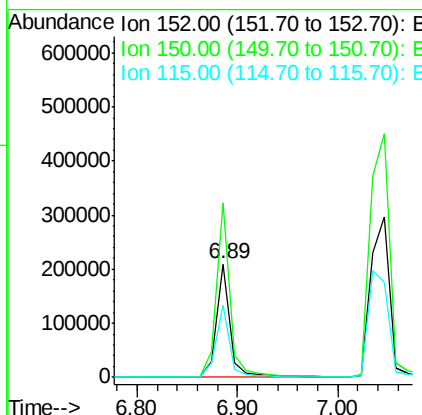
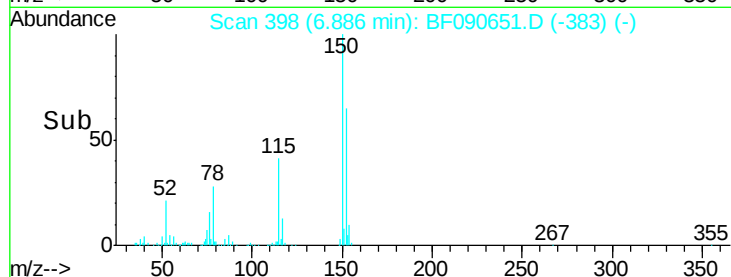
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 398
Delta R.T. -0.02 min
Lab File: BF090651.D
Acq: 19 Oct 2016 16:52

Instrument :
BNA_F
ClientSampleId :
OWL-C2-GW

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.6	127.2	190.8
115	63.1	58.6	88.0



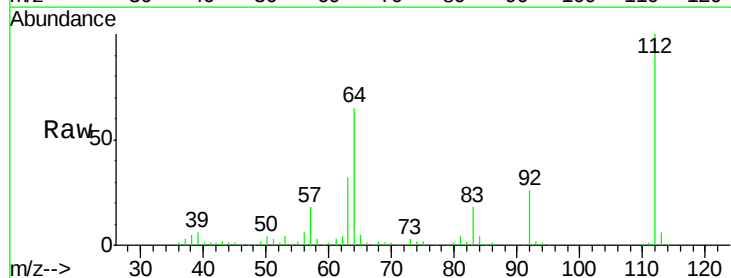
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



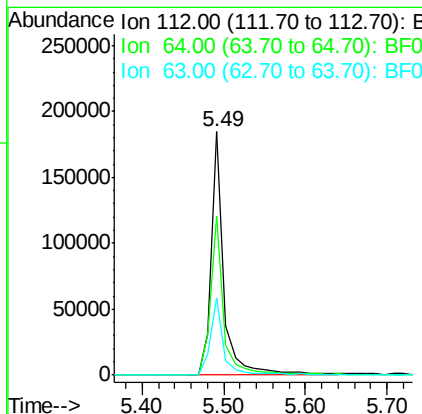
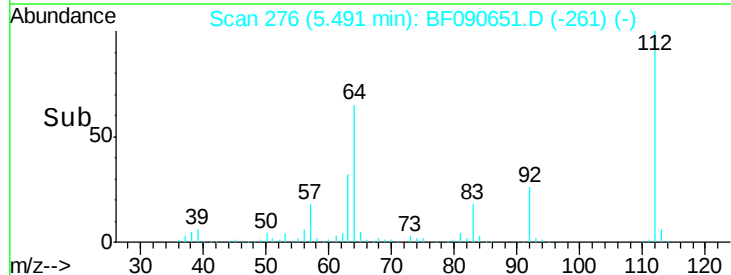
#5

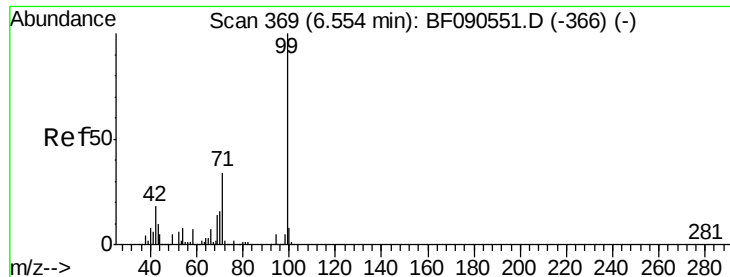
2-Fluorophenol
Concen: 18.64 ng
RT: 5.49 min Scan# 276
Delta R.T. -0.02 min
Lab File: BF090651.D
Acq: 19 Oct 2016 16:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.1	52.6	78.8
63	31.7	26.0	39.0



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: 20.85 ng

RT: 6.51 min Scan# 365

Delta R.T. -0.03 min

Lab File: BF090651.D

Acq: 19 Oct 2016 16:52

Instrument :

BNA_F

ClientSampleId :

OWL-C2-GW

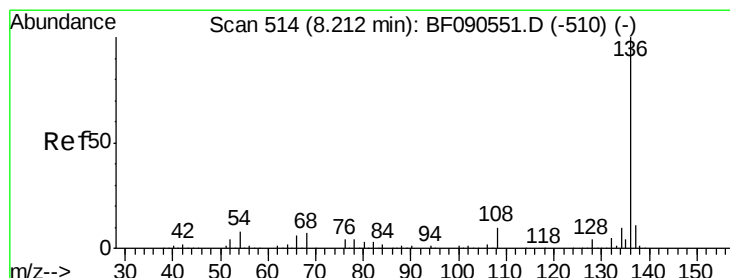
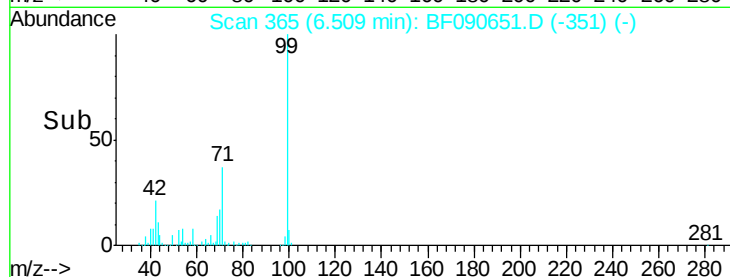
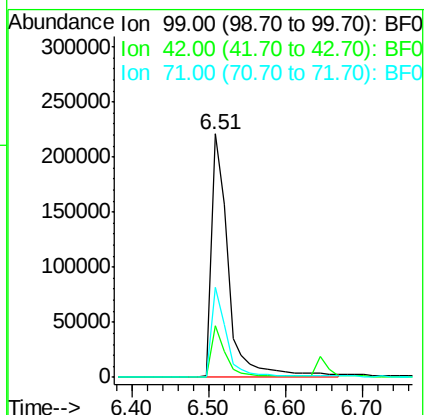
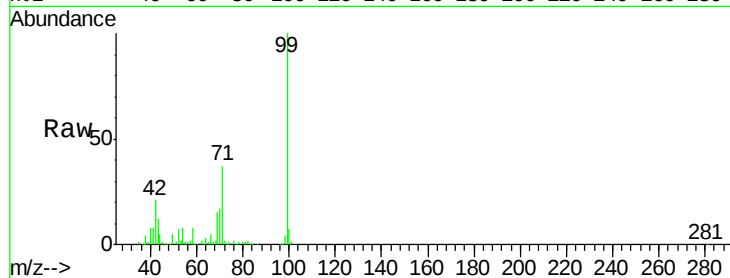
Tot Ion: 99 Resp: 338175

Ion Ratio Lower Upper

99 100

42 21.4 14.7 22.1

71 37.1 27.6 41.4



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.17 min Scan# 510

Delta R.T. -0.03 min

Lab File: BF090651.D

Acq: 19 Oct 2016 16:52

Tgt Ion: 136 Resp: 865075

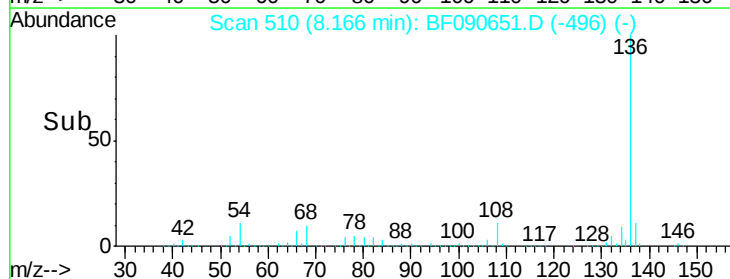
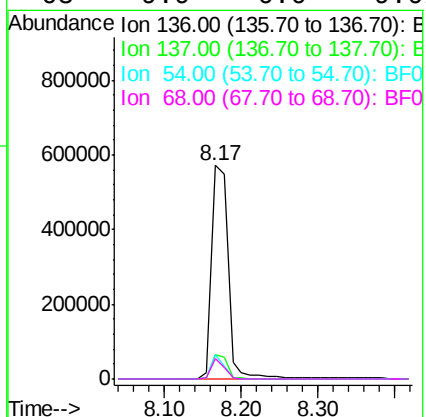
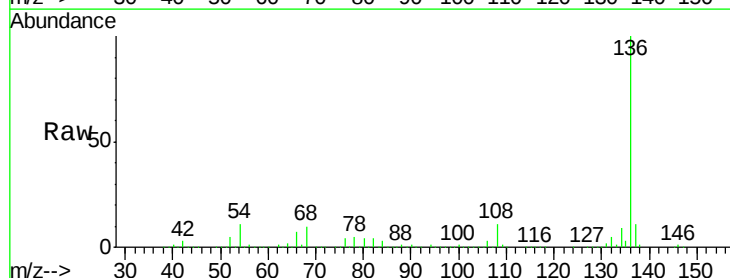
Ion Ratio Lower Upper

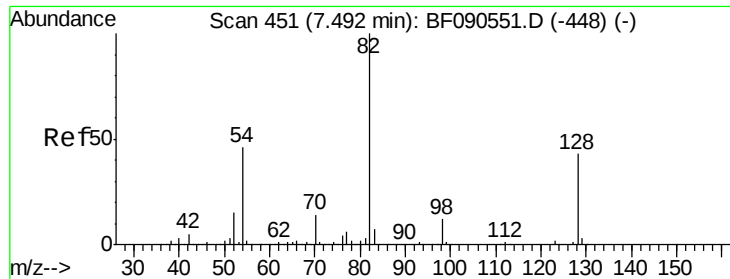
136 100

137 11.3 8.8 13.2

54 11.3 6.8 10.2#

68 9.9 6.0 9.0#

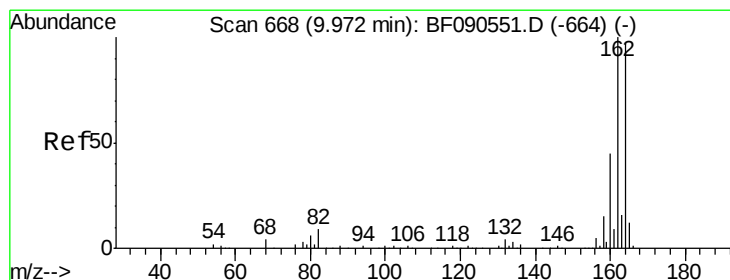
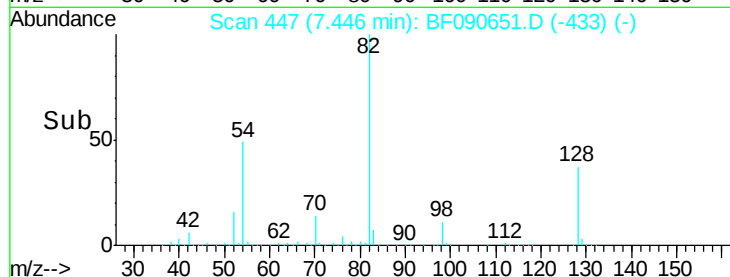
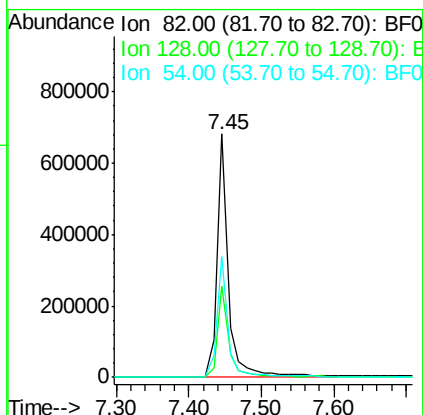
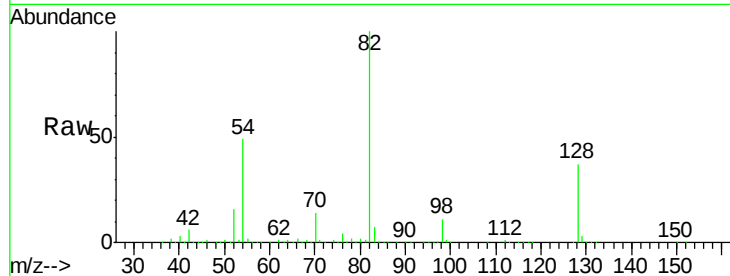




#23
Nitrobenzene-d5
Concen: 48.08 ng
RT: 7.45 min Scan# 447
Delta R.T. -0.03 min
Lab File: BF090651.D
Acq: 19 Oct 2016 16:52

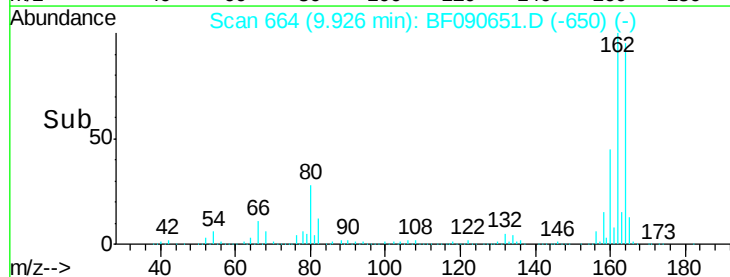
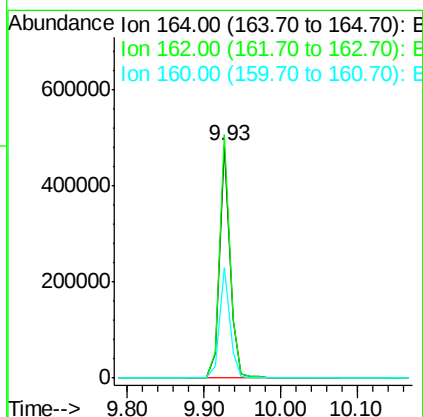
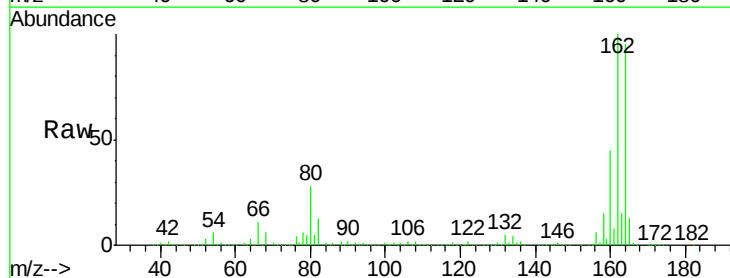
Instrument :
BNA_F
ClientSampleId :
OWL-C2-GW

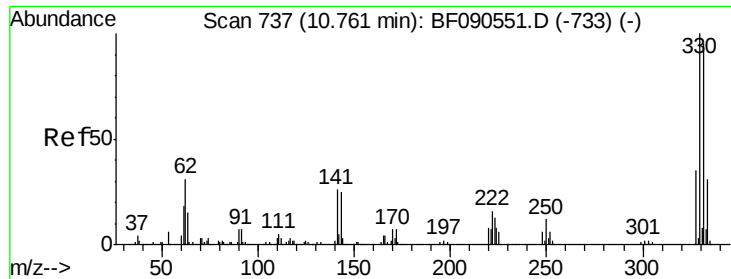
Tot Ion: 82 Resp: 748690
Ion Ratio Lower Upper
82 100
128 37.3 34.3 51.5
54 49.5 37.0 55.6



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.93 min Scan# 664
Delta R.T. -0.03 min
Lab File: BF090651.D
Acq: 19 Oct 2016 16:52

Tgt Ion:164 Resp: 465575
Ion Ratio Lower Upper
164 100
162 104.7 82.2 123.4
160 47.3 36.6 55.0

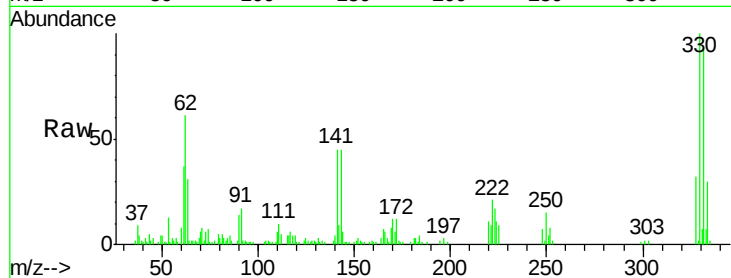




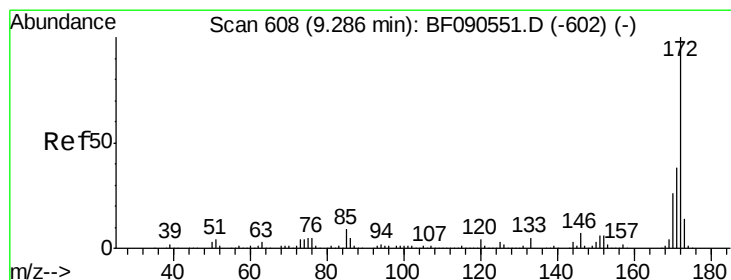
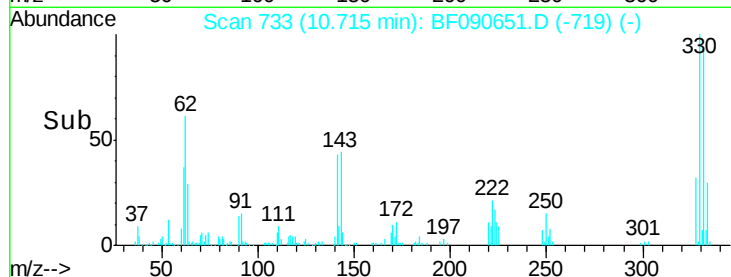
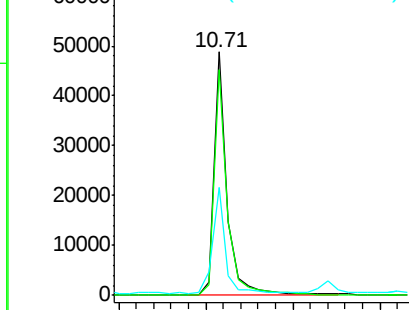
#41
 2,4,6-Tribromophenol
 Concen: 12.57 ng
 RT: 10.71 min Scan# 733
 Delta R.T. -0.03 min
 Lab File: BF090651.D
 Acq: 19 Oct 2016 16:52

Instrument :
 BNA_F
 ClientSampleId :
 OWL-C2-GW

Tot Ion:330 Resp: 52170
 Ion Ratio Lower Upper
 330 100
 332 93.0 76.2 114.2
 141 43.4 31.4 47.2

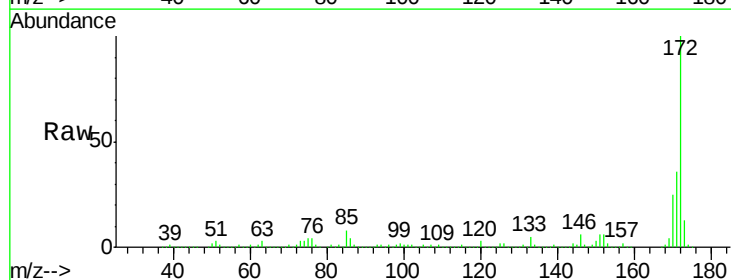


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

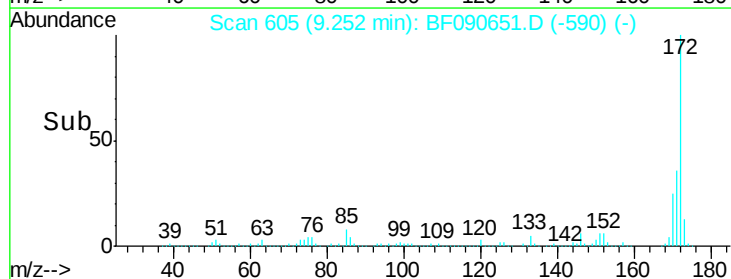
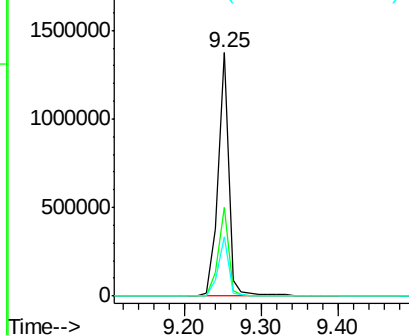


#44
 2-Fluorobiphenyl
 Concen: 47.38 ng
 RT: 9.25 min Scan# 605
 Delta R.T. -0.02 min
 Lab File: BF090651.D
 Acq: 19 Oct 2016 16:52

Tgt Ion:172 Resp: 1338854
 Ion Ratio Lower Upper
 172 100
 171 36.5 30.1 45.1
 170 24.5 20.6 30.8



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: 3.14 ng

RT: 9.64 min Scan# 639

Delta R.T. -0.03 min

Lab File: BF090651.D

Acq: 19 Oct 2016 16:52

Instrument :

BNA_F

ClientSampleId :

OWL-C2-GW

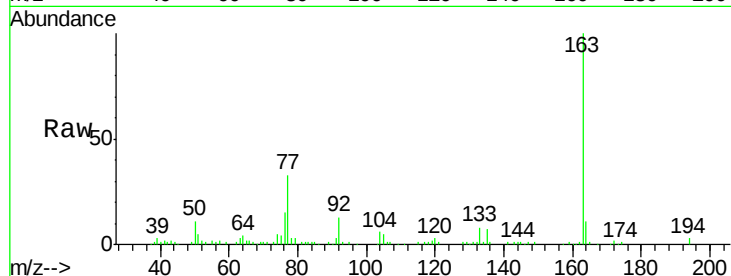
Tot Ion:163 Resp: 94825

Ion Ratio Lower Upper

163 100

194 3.0 2.3 3.5

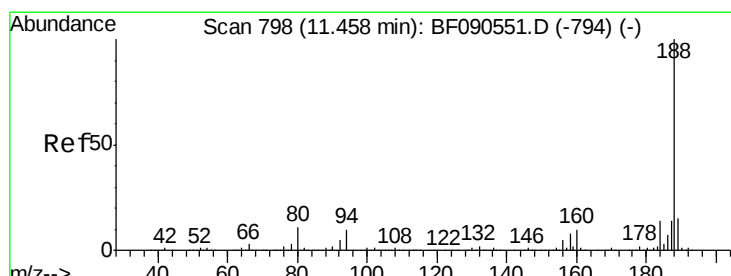
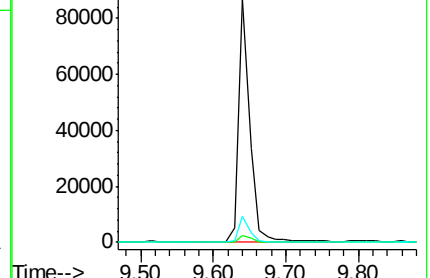
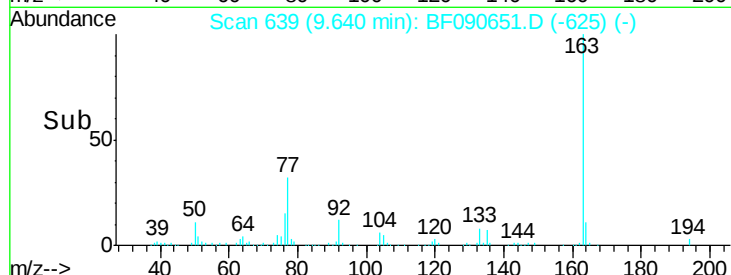
164 10.7 8.6 13.0



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: 11.41 min Scan# 794

Delta R.T. -0.03 min

Lab File: BF090651.D

Acq: 19 Oct 2016 16:52

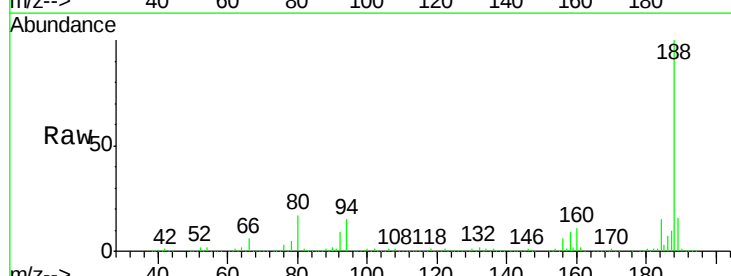
Tgt Ion:188 Resp: 776063

Ion Ratio Lower Upper

188 100

94 15.2 7.7 11.5#

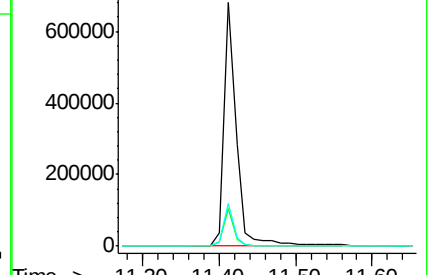
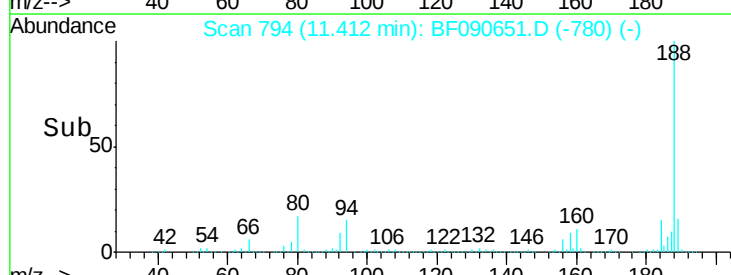
80 17.3 8.6 12.8#

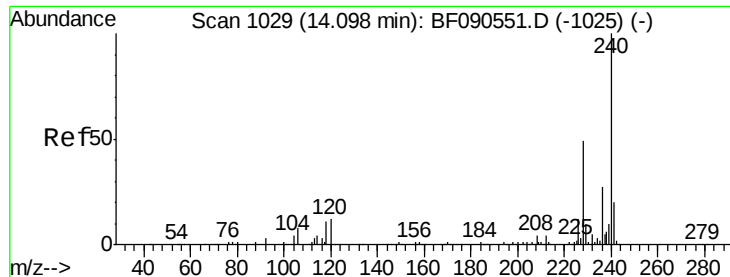


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.05 min Scan# 1025

Delta R.T. -0.03 min

Lab File: BF090651.D

Acq: 19 Oct 2016 16:52

Instrument :

BNA_F

ClientSampleId :

OWL-C2-GW

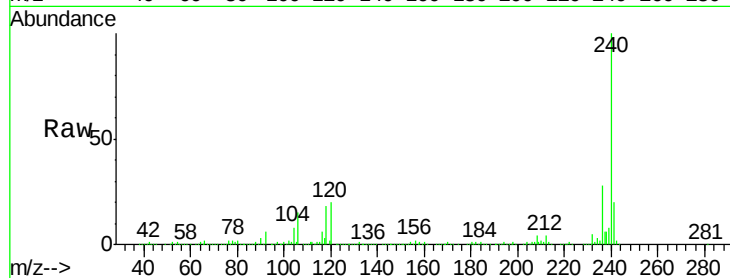
Tot Ion:240 Resp: 682589

Ion Ratio Lower Upper

240 100

120 20.0 9.8 14.8#

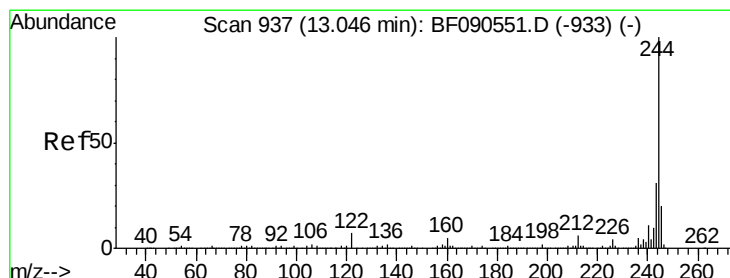
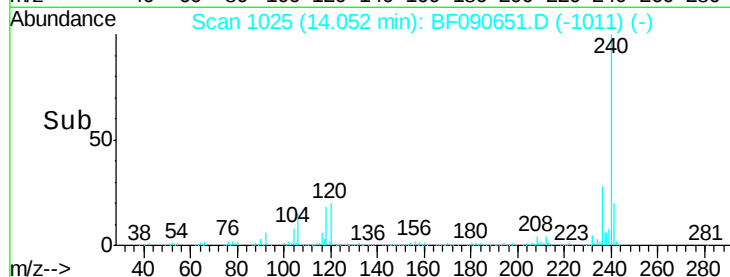
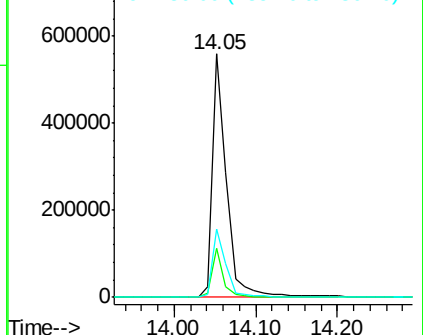
236 28.0 21.7 32.5



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: 44.97 ng

RT: 13.00 min Scan# 933

Delta R.T. -0.03 min

Lab File: BF090651.D

Acq: 19 Oct 2016 16:52

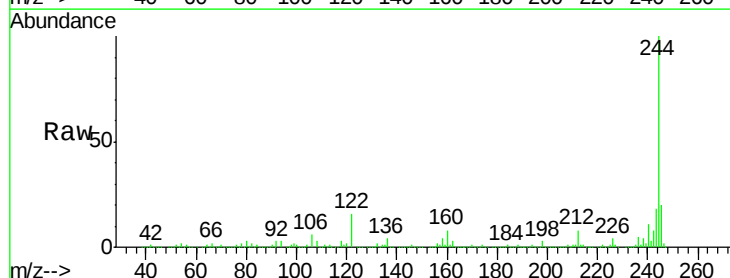
Tgt Ion:244 Resp: 1318476

Ion Ratio Lower Upper

244 100

212 7.6 5.0 7.4#

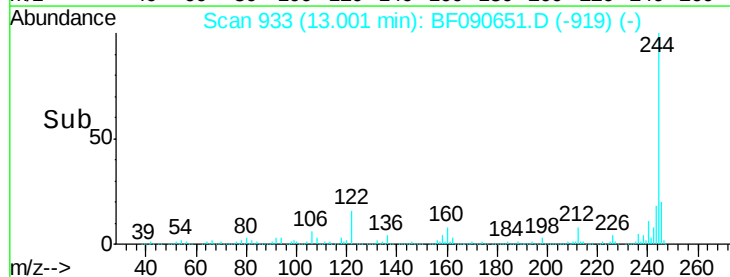
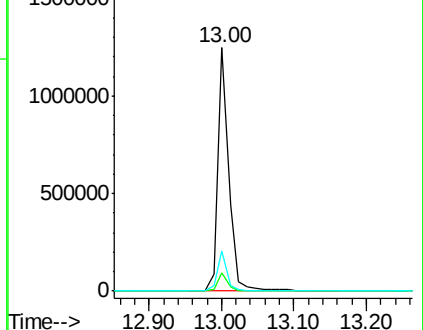
122 16.4 5.6 8.4#

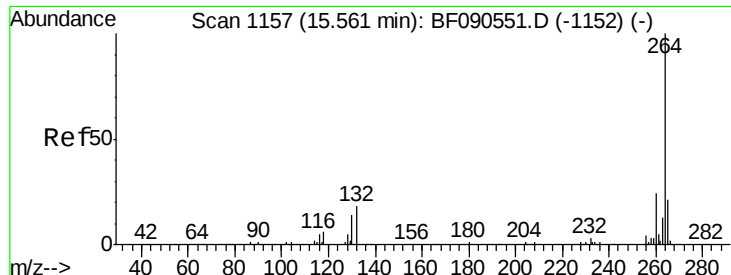


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

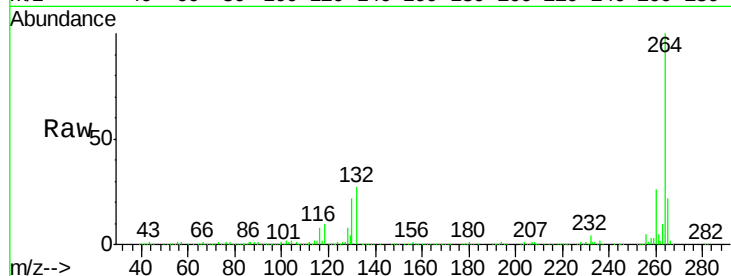




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.50 min Scan# 1152
Delta R.T. -0.03 min
Lab File: BF090651.D
Acq: 19 Oct 2016 16:52

Instrument :
BNA_F
ClientSampleId :
OWL-C2-GW

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.6	19.3	28.9
265	21.8	16.7	25.1



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

