

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043016\
 Data File : BF086544.D
 Acq On : 1 May 2016 1:54
 Operator : UM/SJ
 Sample : H2720-02
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1D46

Quant Time: May 02 01:14:41 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 27 14:20:52 2016
 Response via : Initial Calibration

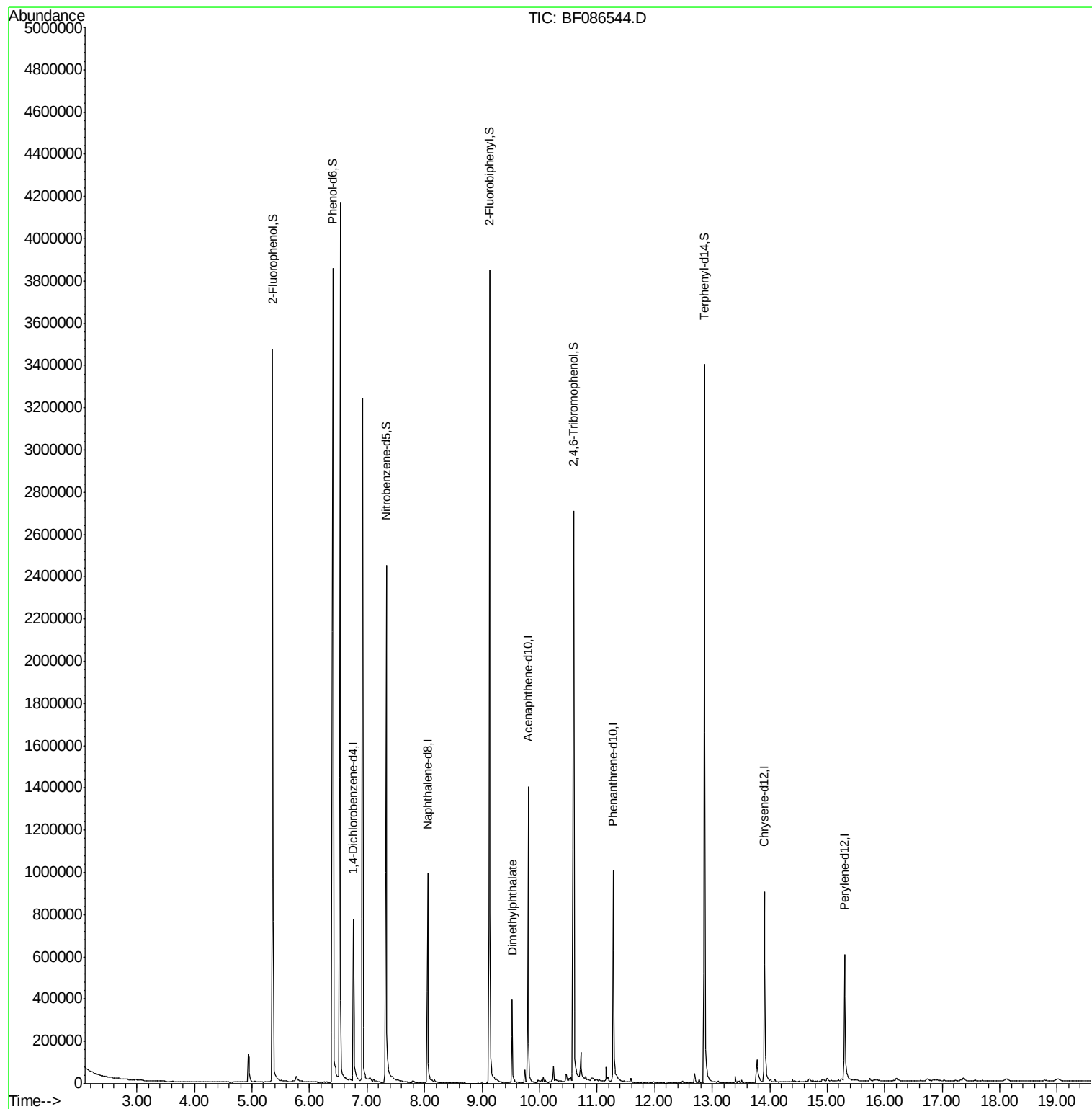
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	130152	20.00	ng	-0.05
21) Naphthalene-d8	8.05	136	555097	20.00	ng	-0.05
38) Acenaphthene-d10	9.80	164	277614	20.00	ng	-0.05
63) Phenanthrene-d10	11.28	188	528037	20.00	ng	-0.05
75) Chrysene-d12	13.91	240	439482	20.00	ng	-0.06
86) Perylene-d12	15.30	264	327514	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	961687	127.45	ng	-0.03
7) Phenol-d6	6.41	99	1494316	141.89	ng	-0.03
23) Nitrobenzene-d5	7.33	82	930220	90.33	ng	-0.05
41) 2,4,6-Tribromophenol	10.59	330	360958	123.29	ng	-0.05
44) 2-Fluorobiphenyl	9.13	172	1284185	79.89	ng	-0.05
78) Terphenyl-d14	12.87	244	1327147	66.53	ng	-0.05
Target Compounds						
49) Dimethylphthalate	9.53	163	211224	10.11	ng	Qvalue 99

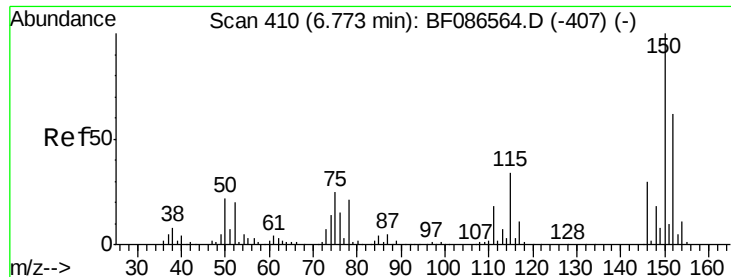
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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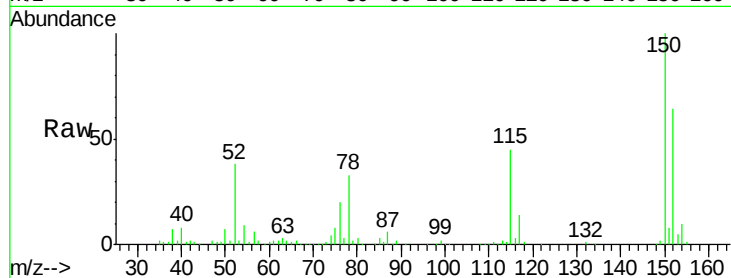


#1

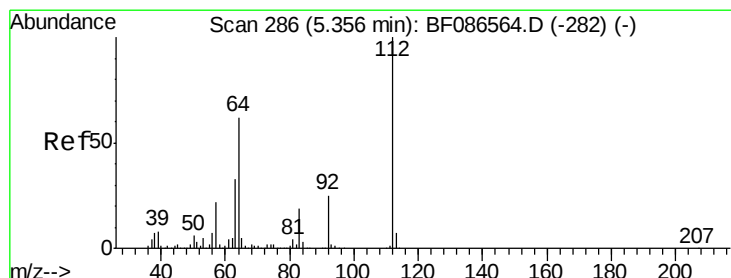
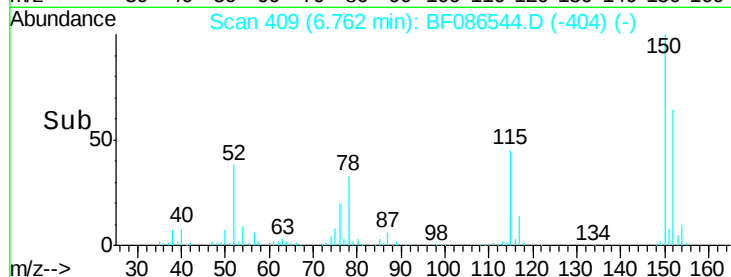
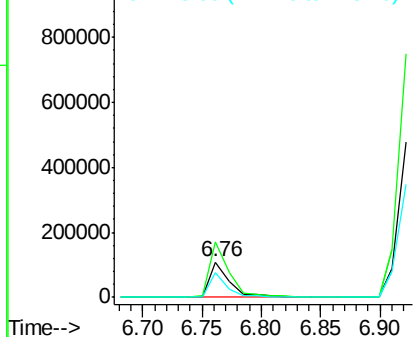
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 409
Delta R.T. -0.05 min
Lab File: BF086544.D
Acq: 1 May 2016 1:54

Instrument :
BNA_F
ClientSampleId :
TP-1D46

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	125.8	188.6
115	70.1	51.5	77.3



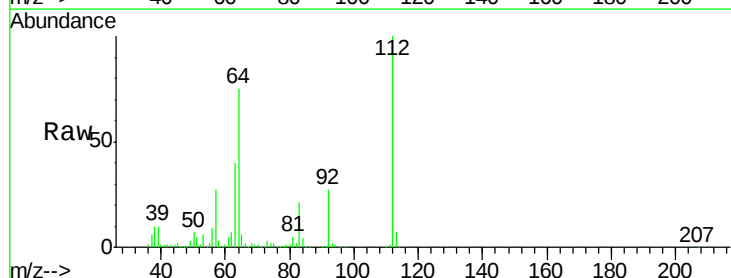
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



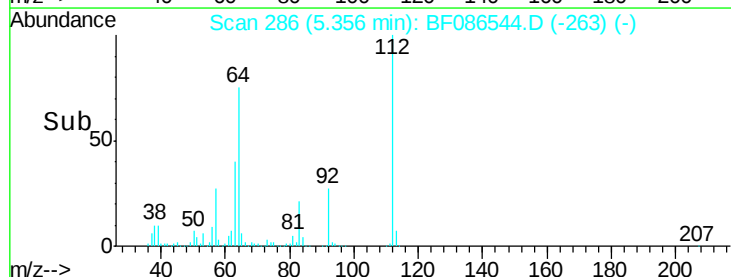
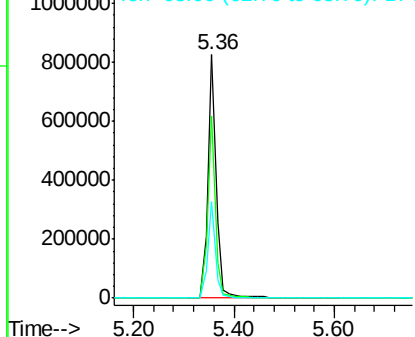
#5

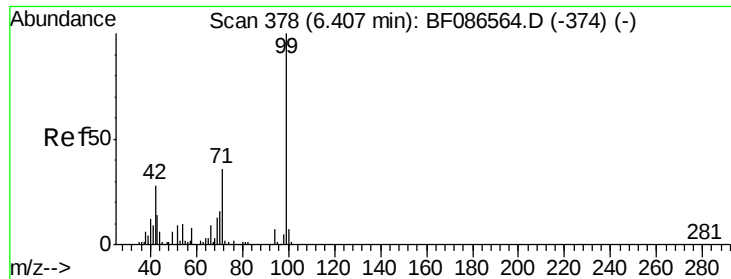
2-Fluorophenol
Concen: 127.45 ng
RT: 5.36 min Scan# 286
Delta R.T. -0.03 min
Lab File: BF086544.D
Acq: 1 May 2016 1:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	74.9	52.1	78.1
63	39.6	25.7	38.5



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: 141.89 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.03 min

Lab File: BF086544.D

Acq: 1 May 2016 1:54

Instrument :

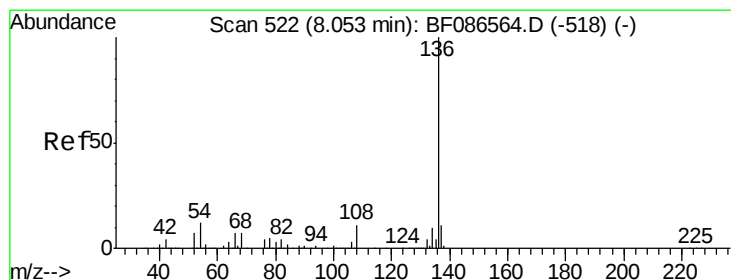
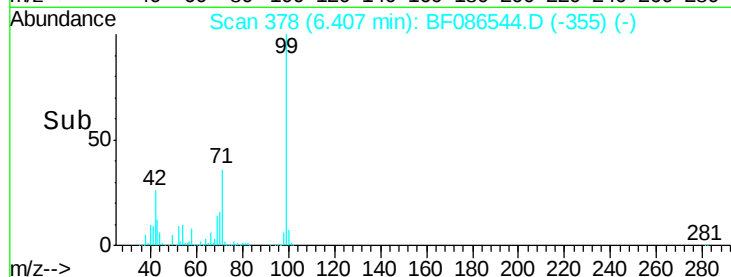
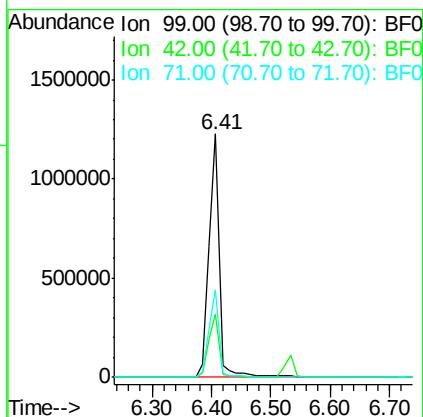
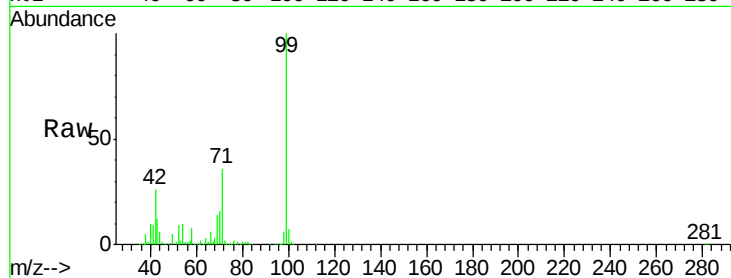
BNA_F

ClientSampleId :

TP-1D46

Tot Ion: 99 Resp: 1494316

Ion	Ratio	Lower	Upper
99	100		
42	25.8	13.6	20.4#
71	36.1	24.6	36.8



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.05 min Scan# 522

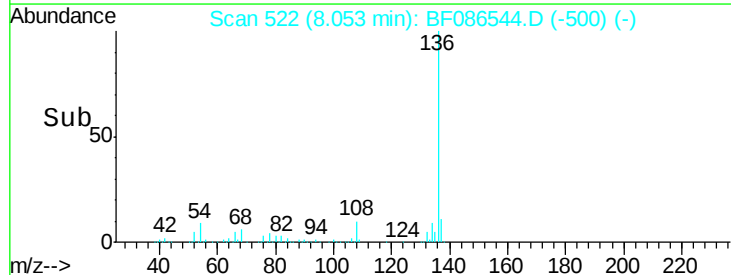
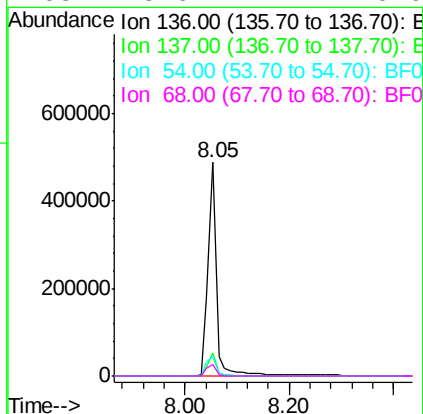
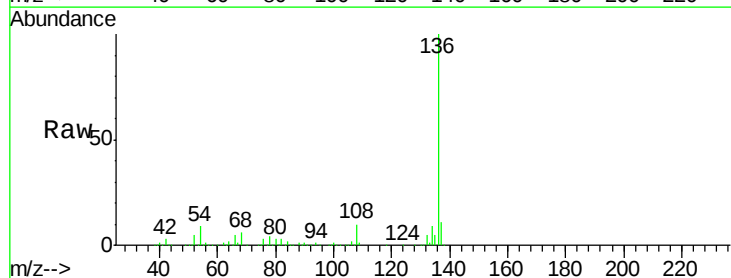
Delta R.T. -0.05 min

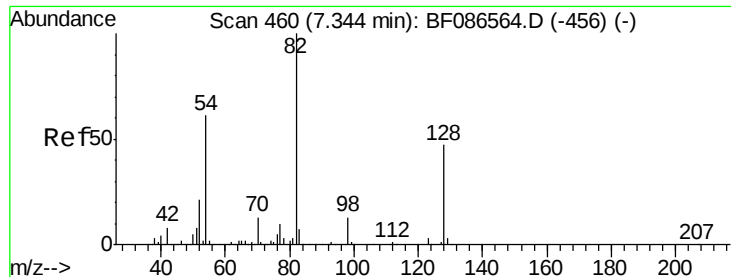
Lab File: BF086544.D

Acq: 1 May 2016 1:54

Tgt Ion: 136 Resp: 555097

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	9.2	5.0	7.4#
68	5.6	4.4	6.6





#23

Nitrobenzene-d5

Concen: 90.33 ng

RT: 7.33 min Scan# 459

Delta R.T. -0.05 min

Lab File: BF086544.D

Acq: 1 May 2016 1:54

Instrument :

BNA_F

ClientSampleId :

TP-1D46

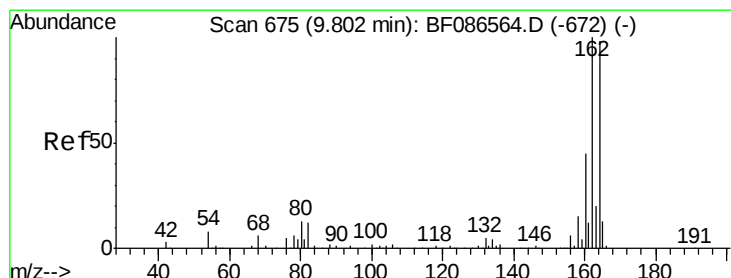
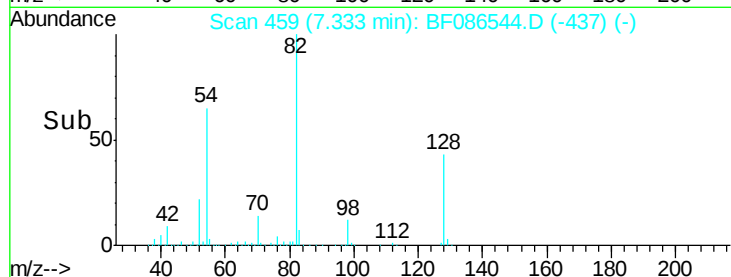
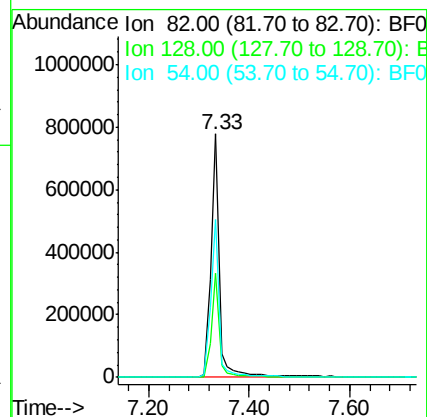
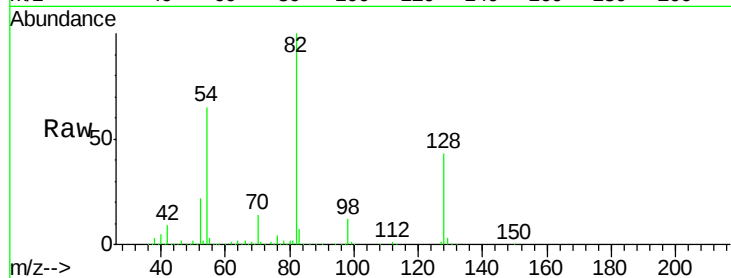
Tot Ion: 82 Resp: 930220

Ion Ratio Lower Upper

82 100

128 42.6 40.6 61.0

54 64.9 38.1 57.1#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.05 min

Lab File: BF086544.D

Acq: 1 May 2016 1:54

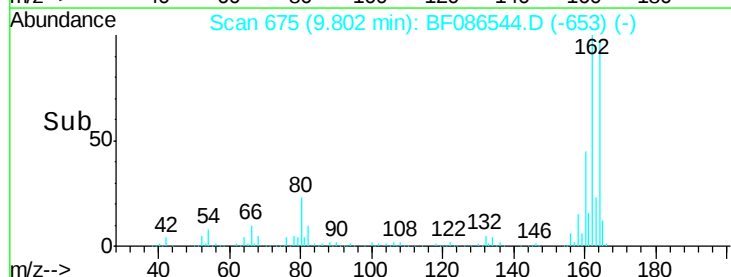
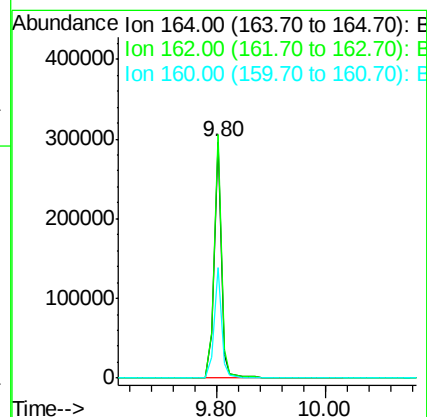
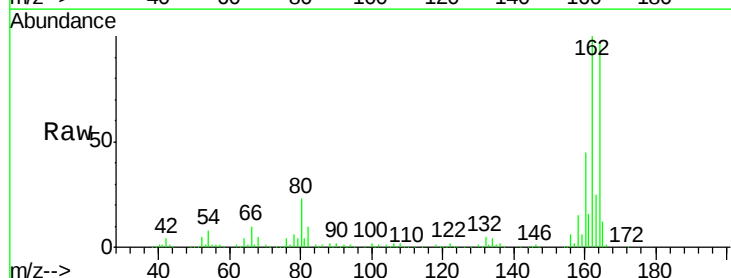
Tgt Ion:164 Resp: 277614

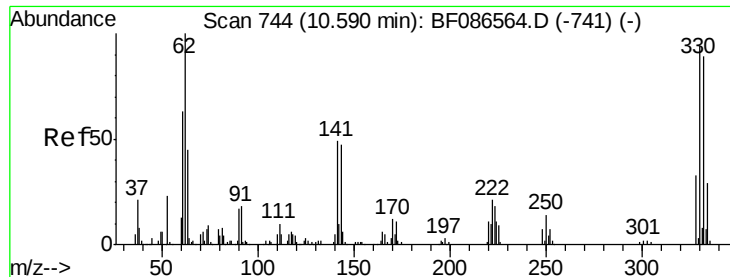
Ion Ratio Lower Upper

164 100

162 103.2 82.8 124.2

160 46.7 36.9 55.3

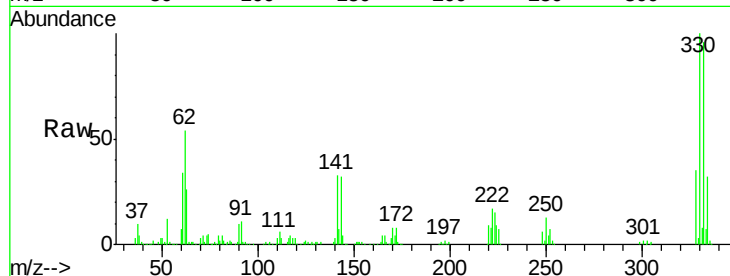




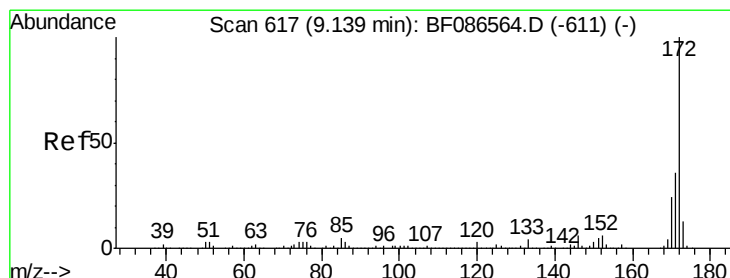
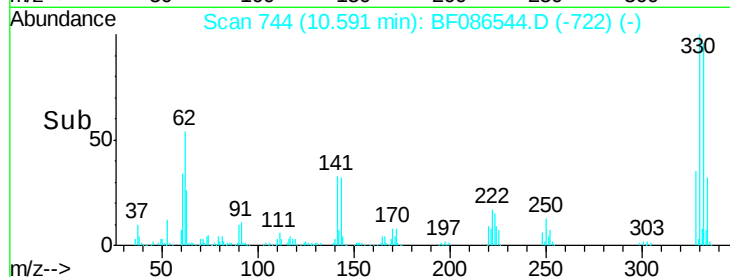
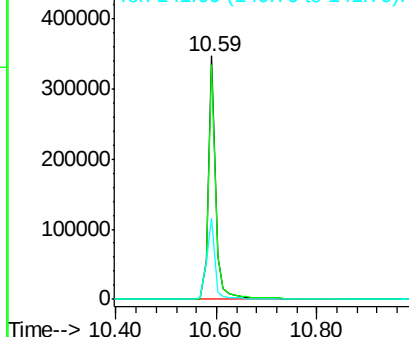
#41
 2,4,6-Tribromophenol
 Concen: 123.29 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.05 min
 Lab File: BF086544.D
 Acq: 1 May 2016 1:54

Instrument :
 BNA_F
 ClientSampleId :
 TP-1D46

Tot Ion:330 Resp: 360958
 Ion Ratio Lower Upper
 330 100
 332 96.5 79.0 118.4
 141 37.7 31.2 46.8

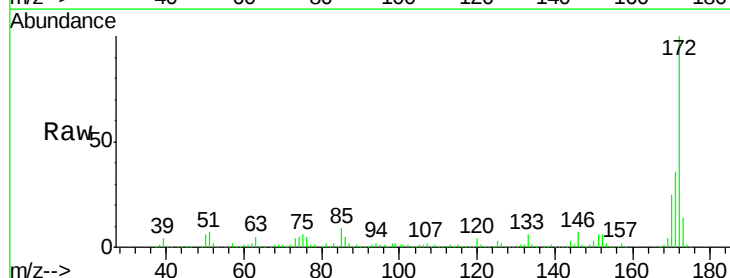


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

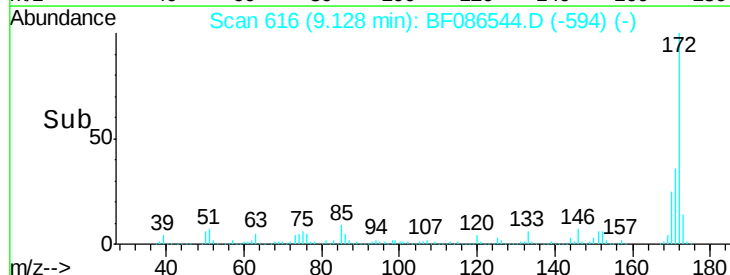
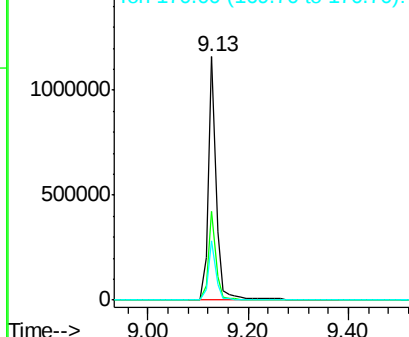


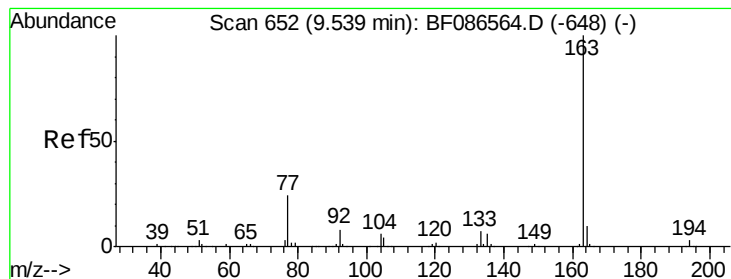
#44
 2-Fluorobiphenyl
 Concen: 79.89 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.05 min
 Lab File: BF086544.D
 Acq: 1 May 2016 1:54

Tgt Ion:172 Resp: 1284185
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.0 43.6
 170 24.6 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: 10.11 ng

RT: 9.53 min Scan# 651

Delta R.T. -0.05 min

Lab File: BF086544.D

Acq: 1 May 2016 1:54

Instrument :

BNA_F

ClientSampleId :

TP-1D46

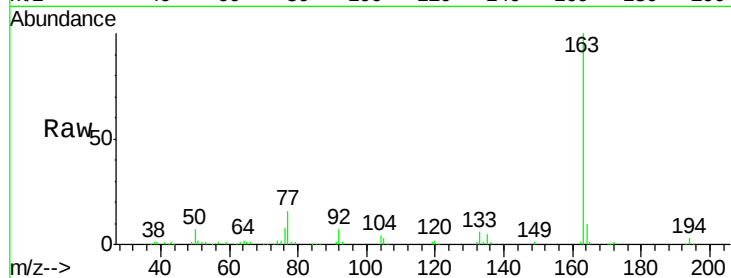
Tot Ion:163 Resp: 211224

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

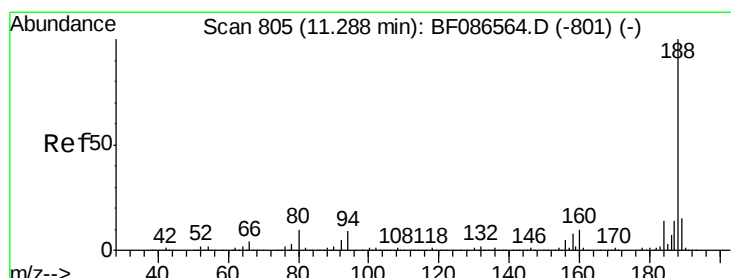
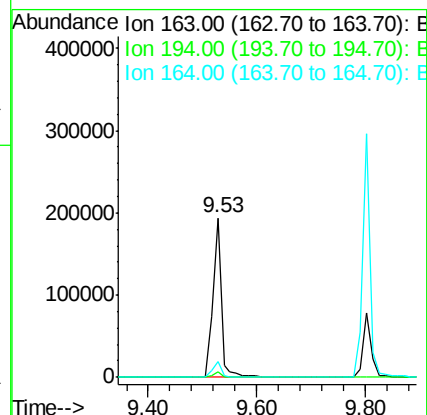
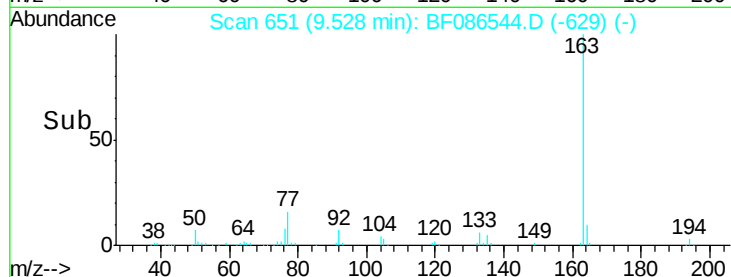
164 9.8 8.2 12.4



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: 11.28 min Scan# 804

Delta R.T. -0.05 min

Lab File: BF086544.D

Acq: 1 May 2016 1:54

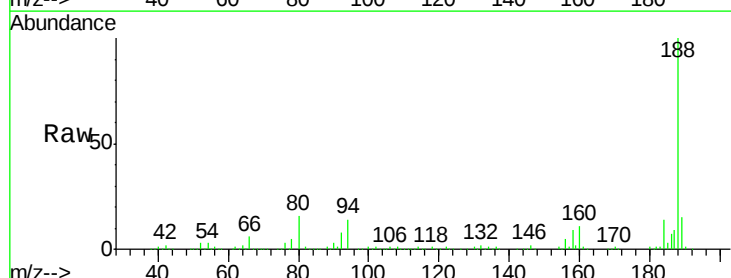
Tgt Ion:188 Resp: 528037

Ion Ratio Lower Upper

188 100

94 13.7 6.8 10.2#

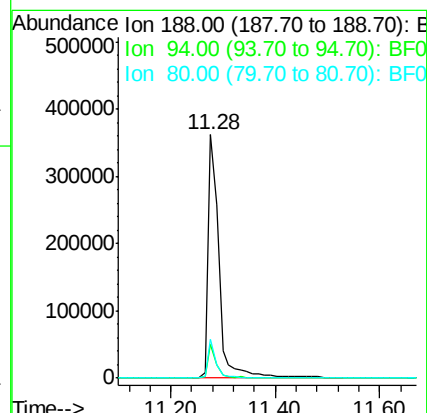
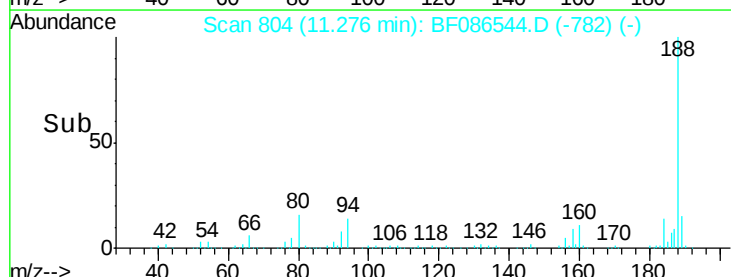
80 15.7 7.1 10.7#

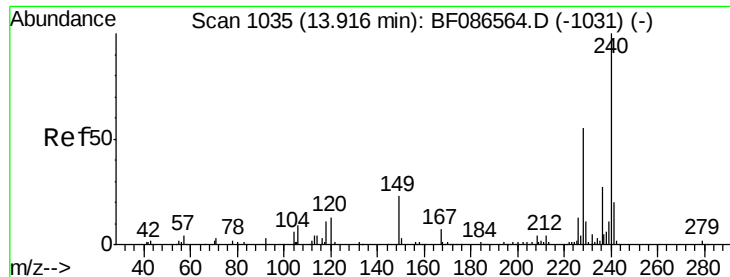


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.91 min Scan# 1034

Delta R.T. -0.06 min

Lab File: BF086544.D

Acq: 1 May 2016 1:54

Instrument :

BNA_F

ClientSampleId :

TP-1D46

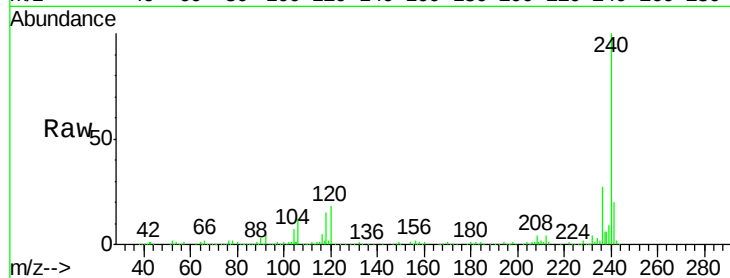
Tot Ion:240 Resp: 439482

Ion Ratio Lower Upper

240 100

120 17.6 11.2 16.8#

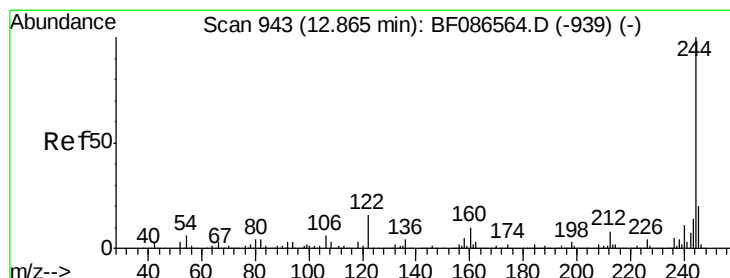
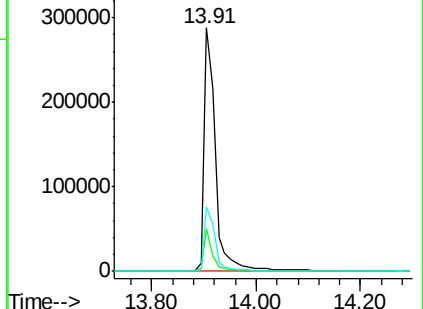
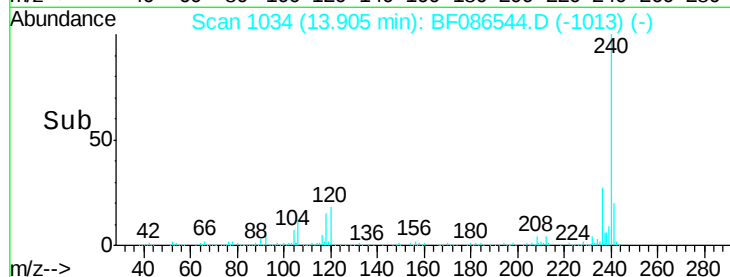
236 26.7 21.2 31.8



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: 66.53 ng

RT: 12.87 min Scan# 943

Delta R.T. -0.05 min

Lab File: BF086544.D

Acq: 1 May 2016 1:54

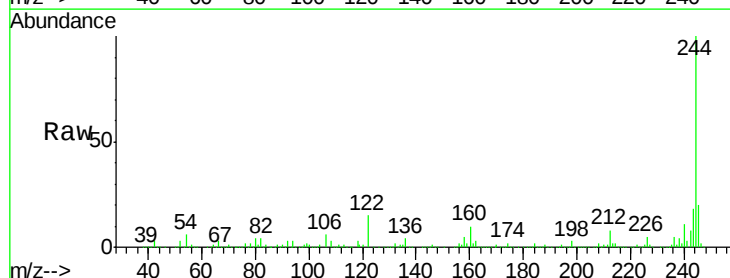
Tgt Ion:244 Resp: 1327147

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

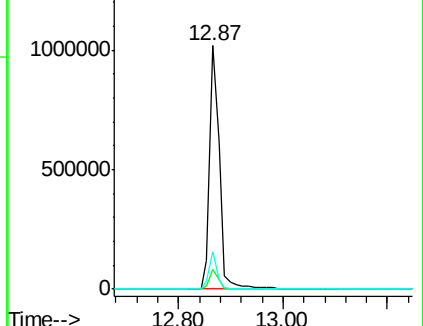
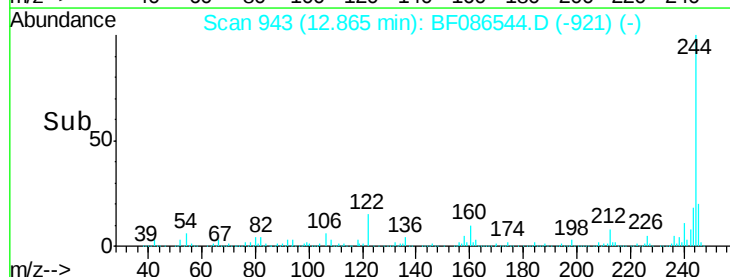
122 15.2 12.0 18.0

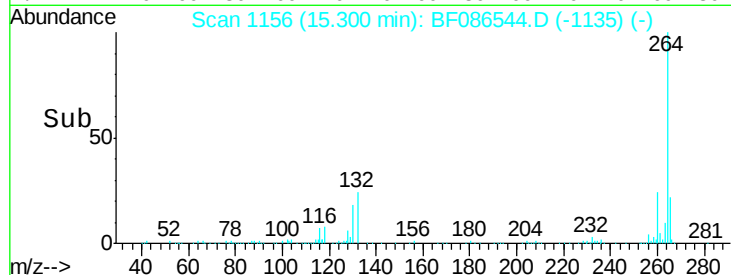
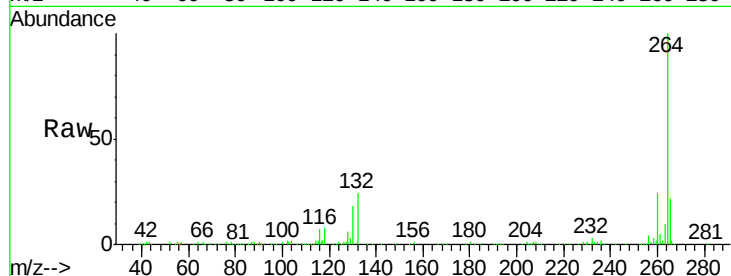
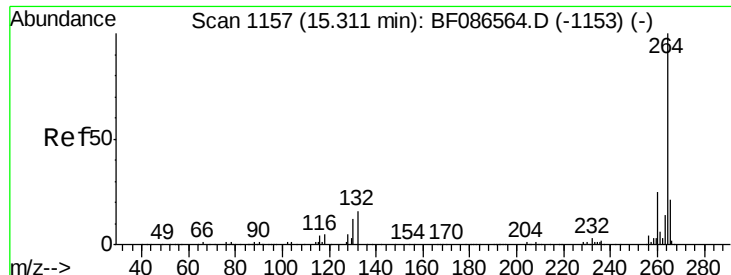


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.30 min Scan# 1156
 Delta R.T. -0.06 min
 Lab File: BF086544.D
 Acq: 1 May 2016 1:54

Instrument :
 BNA_F
 ClientSampleId :
 TP-1D46

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.5	29.3
265	22.1	17.3	25.9

