

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101016\
 Data File : BF090488.D
 Acq On : 10 Oct 2016 19:14
 Operator : UM/SJ
 Sample : H5148-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-WH-DRUM-03-C

Quant Time: Oct 11 11:12:55 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF100516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 05 14:57:00 2016
 Response via : Initial Calibration

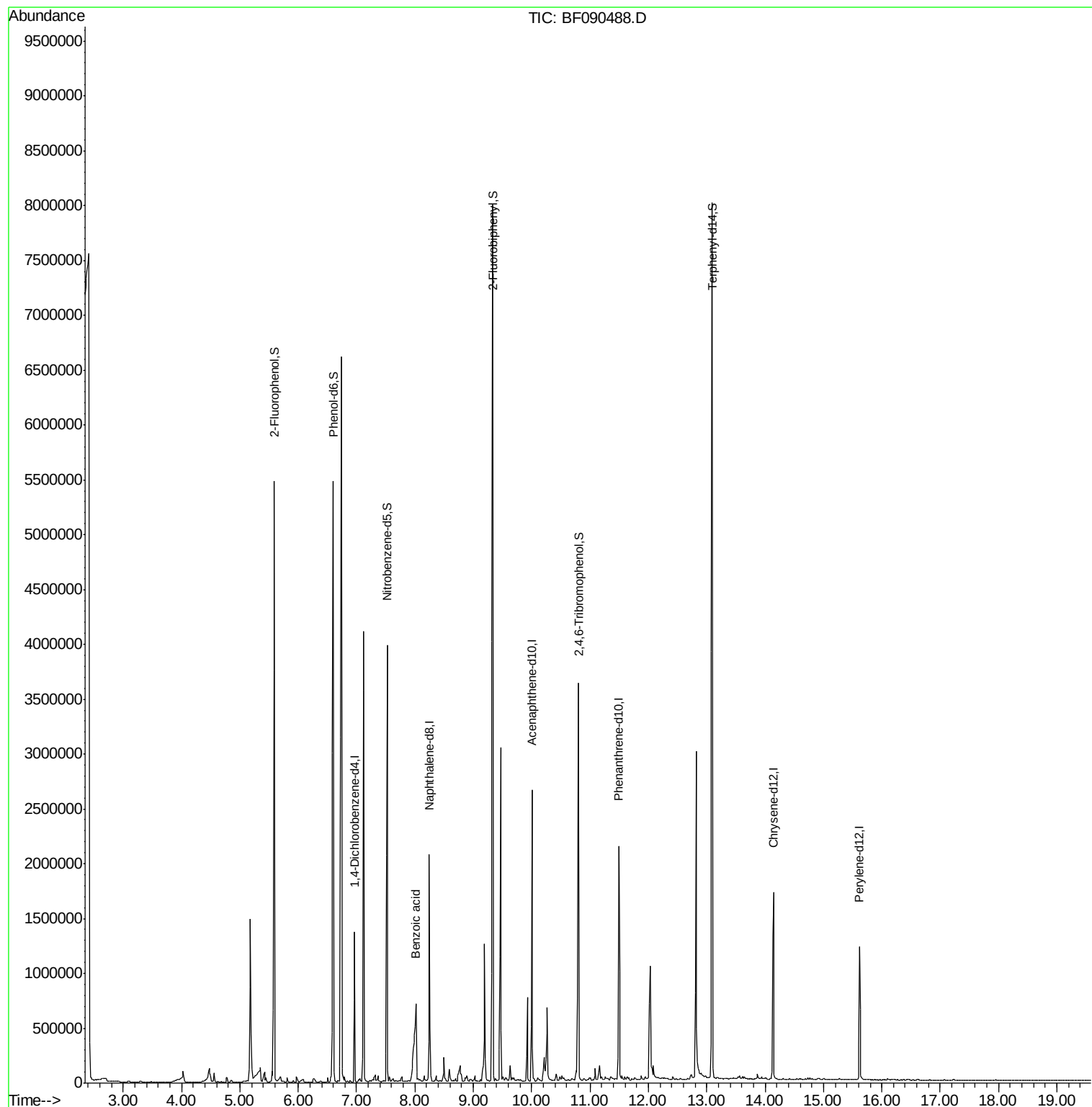
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	248933	20.00	ng	-0.03
21) Naphthalene-d8	8.25	136	970073	20.00	ng	-0.05
38) Acenaphthene-d10	10.01	164	533691	20.00	ng	-0.05
63) Phenanthrene-d10	11.49	188	859726	20.00	ng	-0.06
75) Chrysene-d12	14.14	240	753770	20.00	ng	-0.06
86) Perylene-d12	15.62	264	525983	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	1984481	118.98	ng	-0.01
7) Phenol-d6	6.60	99	2235797	102.35	ng	-0.02
23) Nitrobenzene-d5	7.53	82	1592326	79.84	ng	-0.05
41) 2,4,6-Tribromophenol	10.81	330	808795	186.37	ng	-0.05
44) 2-Fluorobiphenyl	9.33	172	2930937	91.50	ng	-0.05
78) Terphenyl-d14	13.09	244	2739927	81.72	ng	-0.05
Target Compounds						
32) Benzoic acid	8.02	122	339244	29.45	ng	Qvalue 98

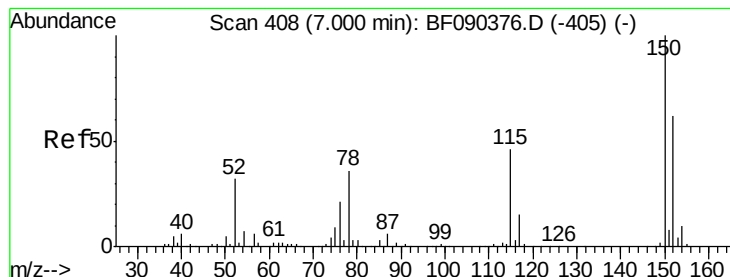
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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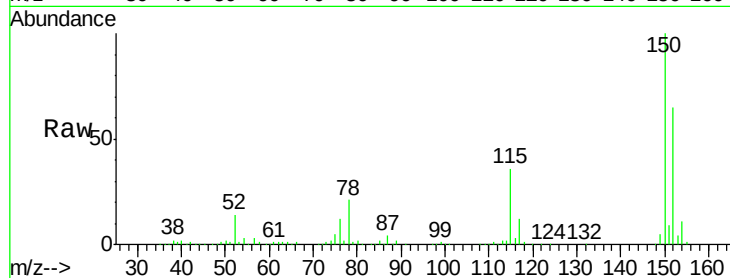


#1

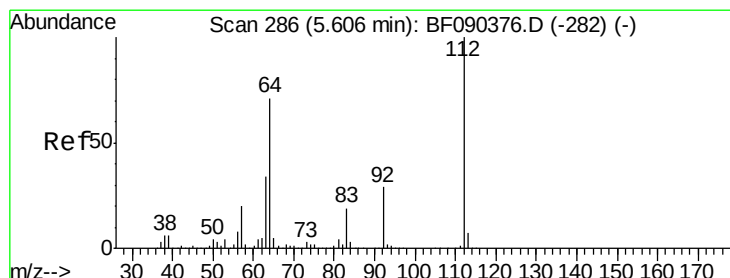
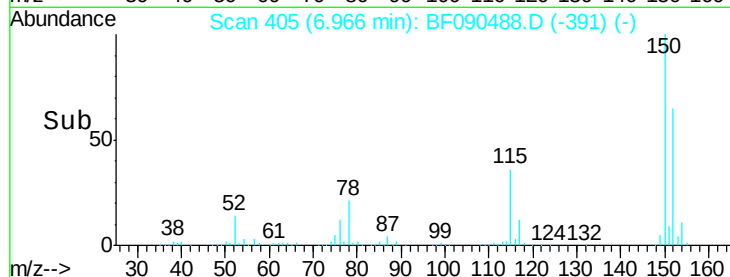
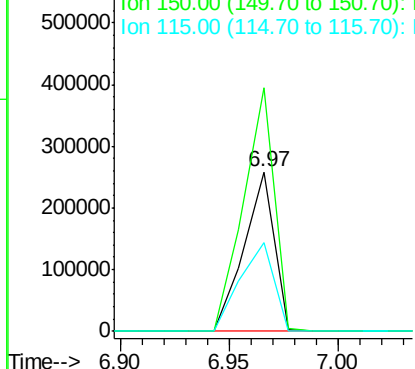
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.97 min Scan# 405
Delta R.T. -0.03 min
Lab File: BF090488.D
Acq: 10 Oct 2016 19:14

Instrument :
BNA_F
ClientSampleId :
WC-WH-DRUM-03-C

Tot Ion:152 Resp: 248933
Ion Ratio Lower Upper
152 100
150 152.9 124.6 186.8
115 55.5 46.2 69.4



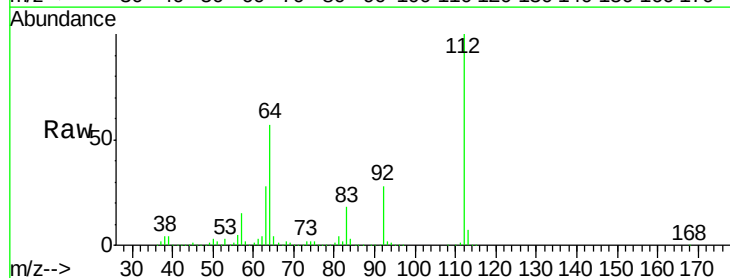
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



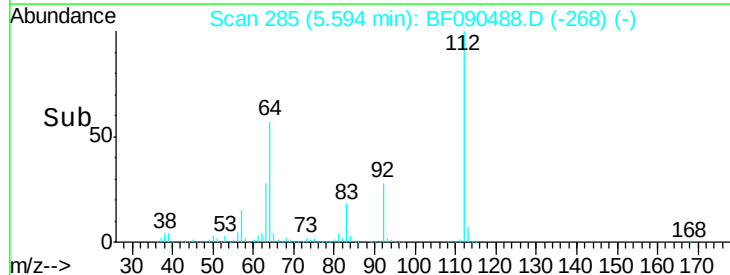
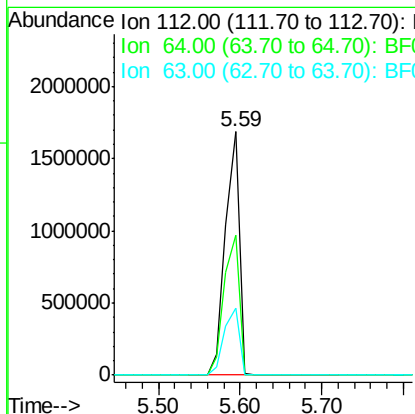
#5

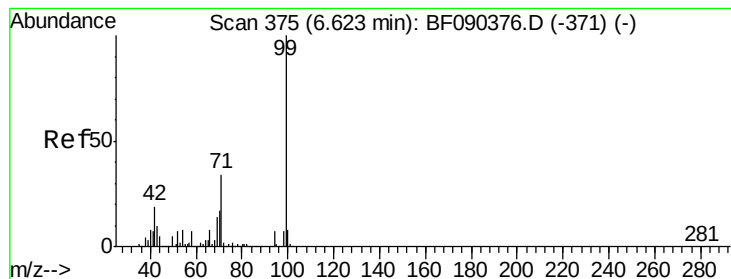
2-Fluorophenol
Concen: 118.98 ng
RT: 5.59 min Scan# 285
Delta R.T. -0.01 min
Lab File: BF090488.D
Acq: 10 Oct 2016 19:14

Tgt Ion:112 Resp: 1984481
Ion Ratio Lower Upper
112 100
64 57.3 57.9 86.9#
63 27.6 29.6 44.4#



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: 102.35 ng

RT: 6.60 min Scan# 373

Delta R.T. -0.02 min

Lab File: BF090488.D

Acq: 10 Oct 2016 19:14

Instrument :

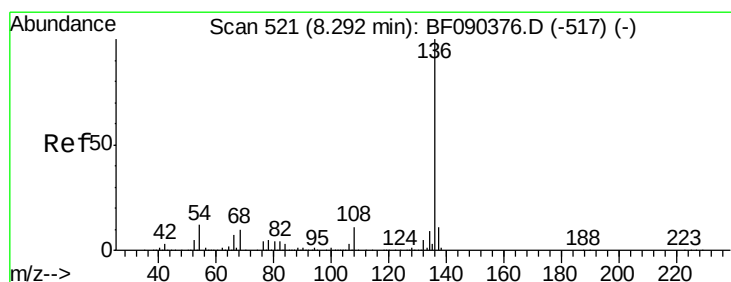
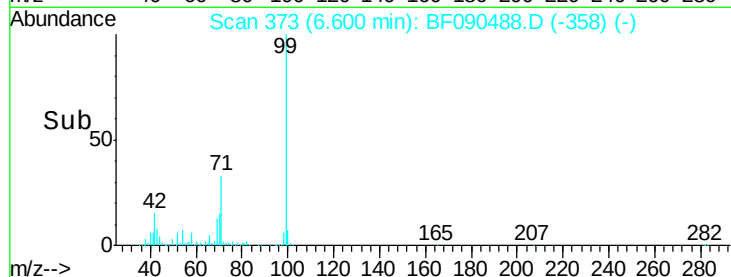
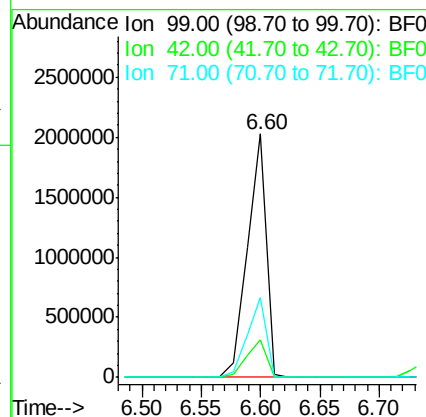
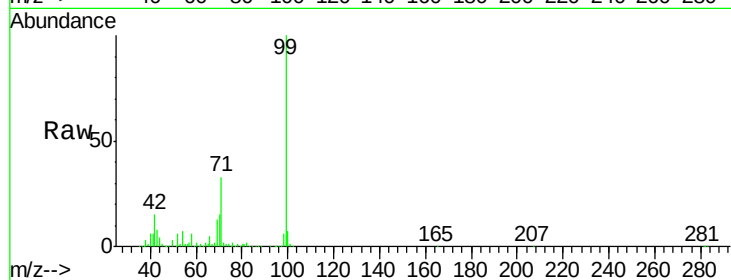
BNA_F

ClientSampleId :

WC-WH-DRUM-03-C

Tot Ion: 99 Resp: 2235797

Ion	Ratio	Lower	Upper
99	100		
42	15.3	20.0	30.0#
71	32.6	27.9	41.9



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.25 min Scan# 517

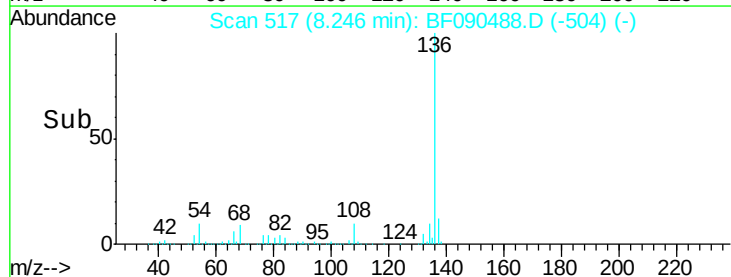
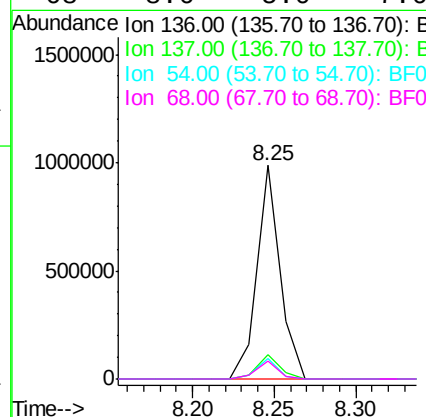
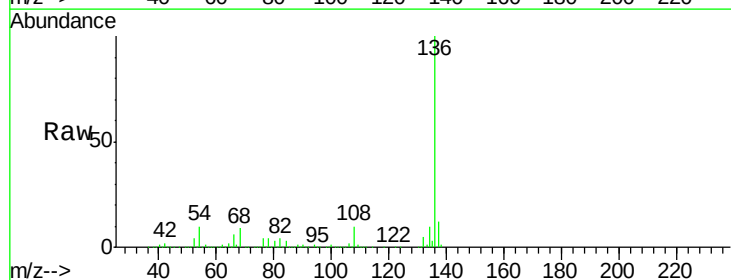
Delta R.T. -0.05 min

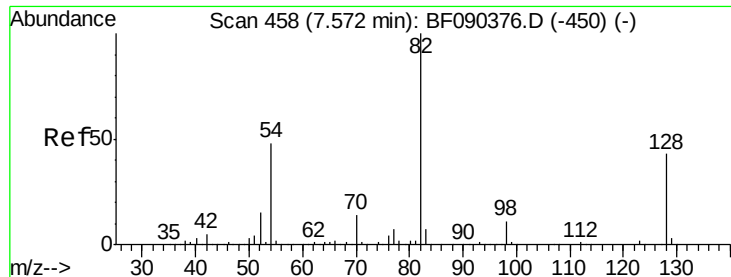
Lab File: BF090488.D

Acq: 10 Oct 2016 19:14

Tgt Ion: 136 Resp: 970073

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.6
54	9.8	6.6	10.0
68	8.6	5.0	7.6#

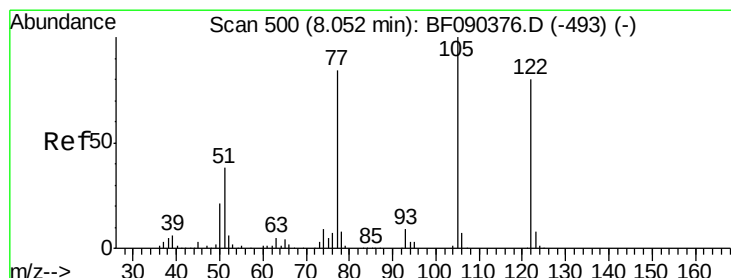
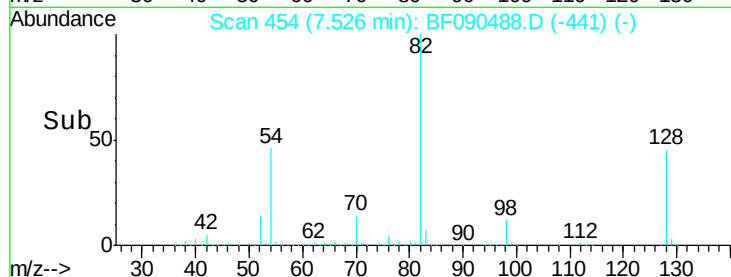
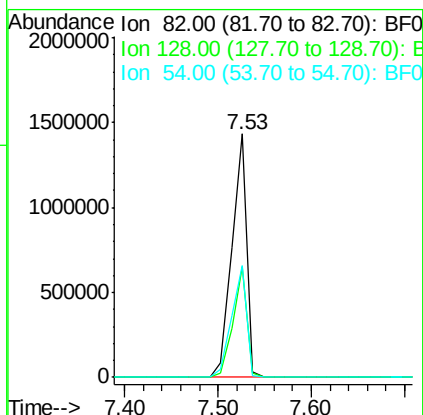
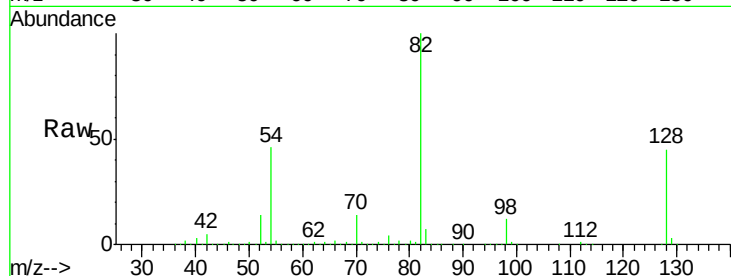




#23
 Nitrobenzene-d5
 Concen: 79.84 ng
 RT: 7.53 min Scan# 454
 Delta R.T. -0.05 min
 Lab File: BF090488.D
 Acq: 10 Oct 2016 19:14

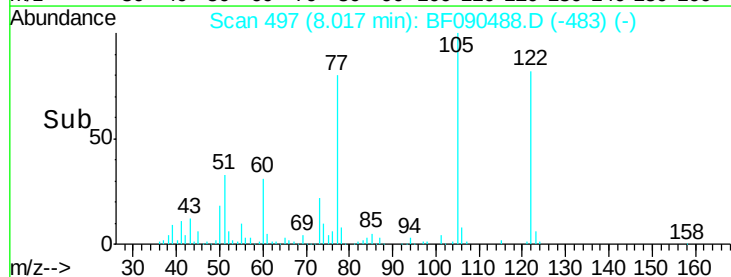
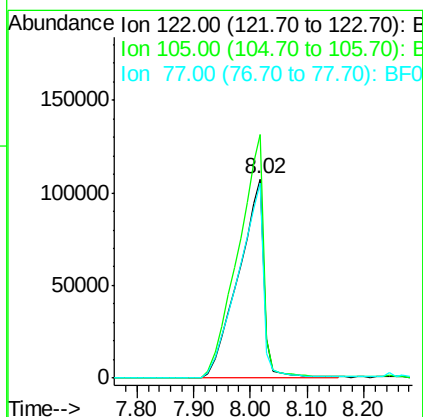
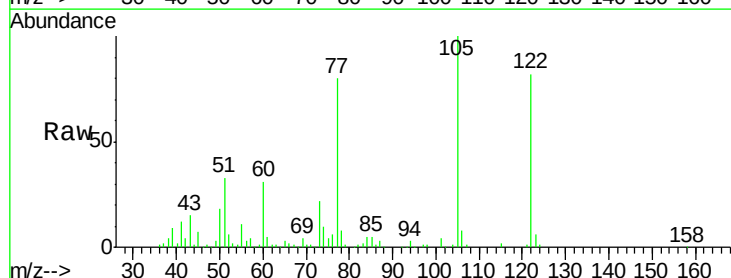
Instrument :
 BNA_F
 ClientSampleId :
 WC-WH-DRUM-03-C

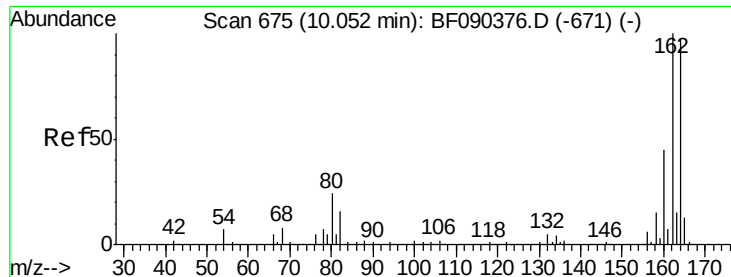
Tot Ion: 82 Resp: 1592326
 Ion Ratio Lower Upper
 82 100
 128 45.1 40.0 60.0
 54 45.8 42.6 64.0



#32
 Benzoic acid
 Concen: 29.45 ng
 RT: 8.02 min Scan# 497
 Delta R.T. -0.03 min
 Lab File: BF090488.D
 Acq: 10 Oct 2016 19:14

Tgt Ion: 122 Resp: 339244
 Ion Ratio Lower Upper
 122 100
 105 122.1 103.9 143.9
 77 98.0 74.6 114.6





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.01 min Scan# 671

Delta R.T. -0.05 min

Lab File: BF090488.D

Acq: 10 Oct 2016 19:14

Instrument :

BNA_F

ClientSampleId :

WC-WH-DRUM-03-C

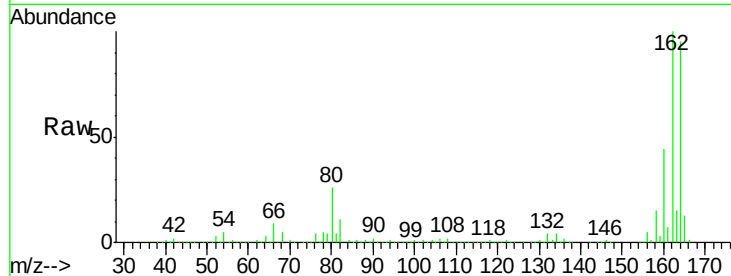
Tot Ion:164 Resp: 533691

Ion Ratio Lower Upper

164 100

162 105.6 80.1 120.1

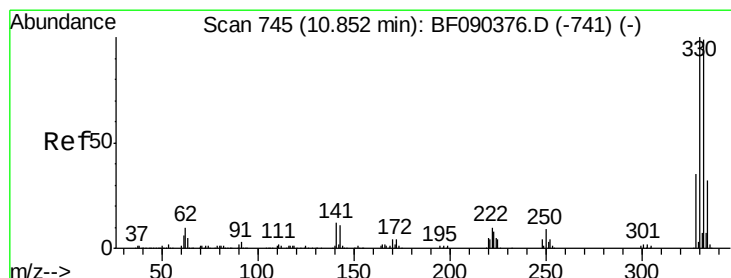
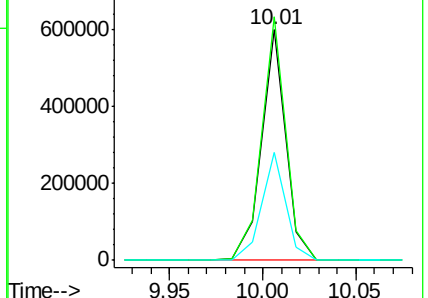
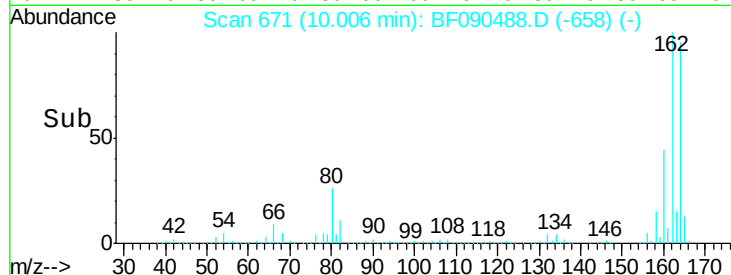
160 46.9 36.3 54.5



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: 186.37 ng

RT: 10.81 min Scan# 741

Delta R.T. -0.05 min

Lab File: BF090488.D

Acq: 10 Oct 2016 19:14

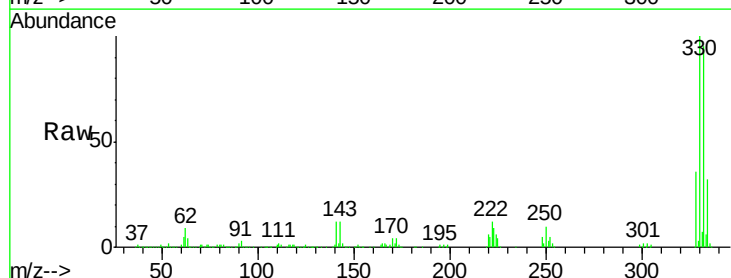
Tgt Ion:330 Resp: 808795

Ion Ratio Lower Upper

330 100

332 95.1 75.4 113.0

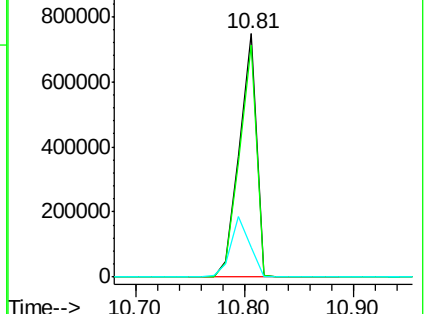
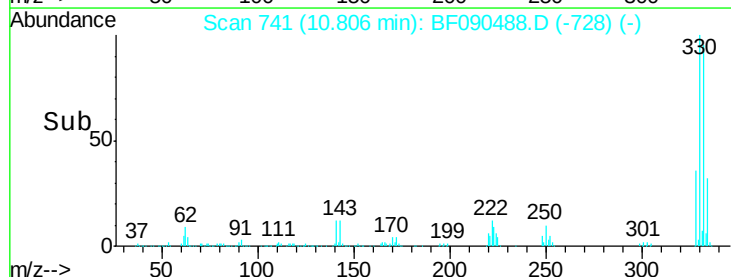
141 27.7 26.9 40.3

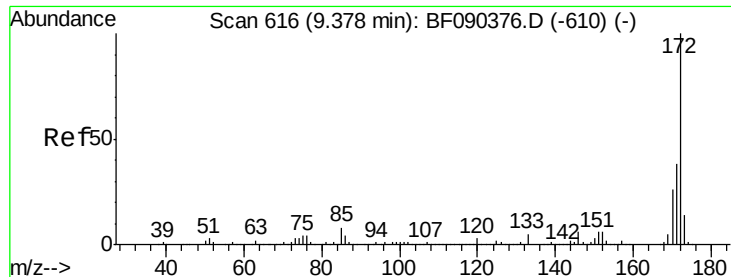


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

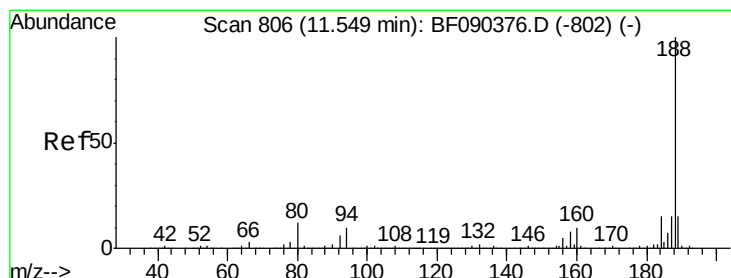
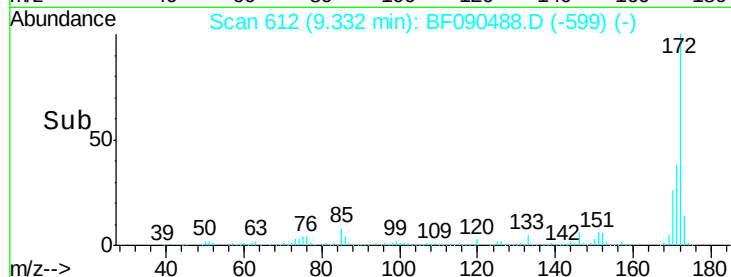
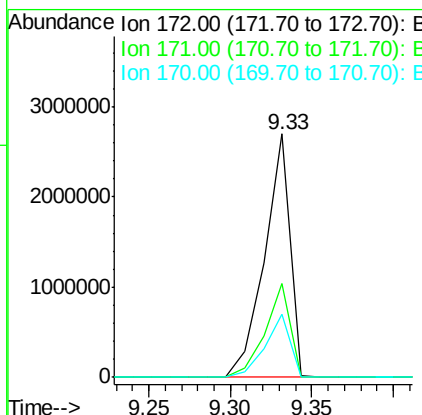
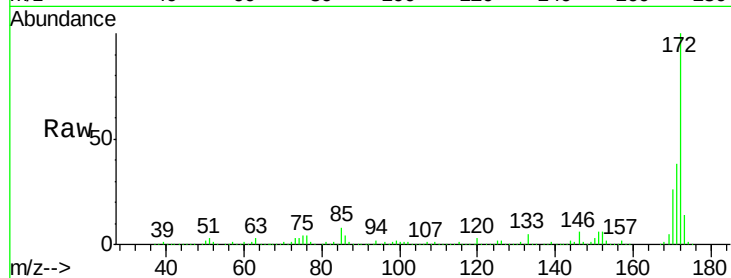




#44
 2-Fluorobiphenyl
 Concen: 91.50 ng
 RT: 9.33 min Scan# 612
 Delta R.T. -0.05 min
 Lab File: BF090488.D
 Acq: 10 Oct 2016 19:14

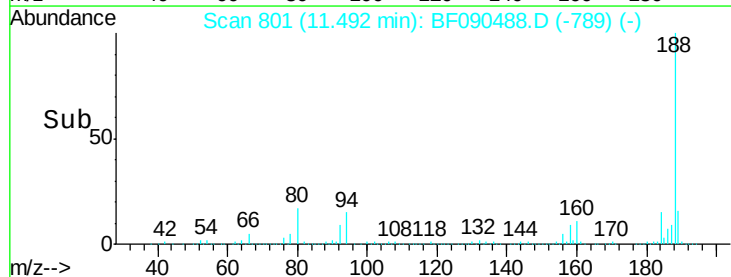
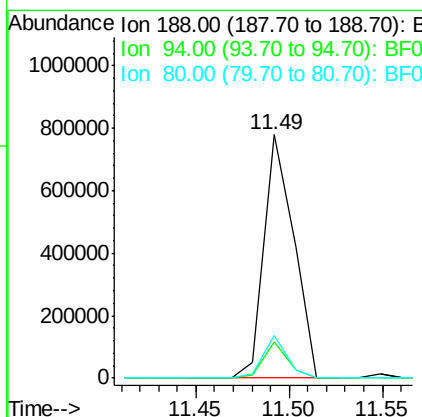
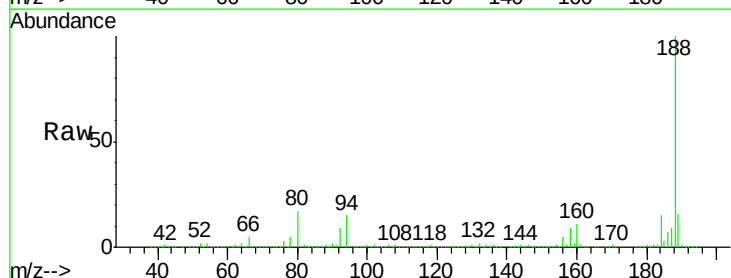
Instrument :
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 WC-WH-DRUM-03-C

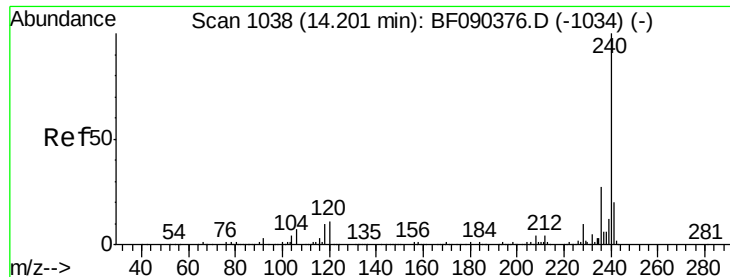
Tot Ion:172 Resp: 2930937
 Ion Ratio Lower Upper
 172 100
 171 38.5 31.8 47.8
 170 26.1 21.7 32.5



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.49 min Scan# 801
 Delta R.T. -0.06 min
 Lab File: BF090488.D
 Acq: 10 Oct 2016 19:14

Tgt Ion:188 Resp: 859726
 Ion Ratio Lower Upper
 188 100
 94 15.0 8.2 12.2#
 80 17.4 8.8 13.2#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.14 min Scan# 1033

Delta R.T. -0.06 min

Lab File: BF090488.D

Acq: 10 Oct 2016 19:14

Instrument :

BNA_F

ClientSampleId :

WC-WH-DRUM-03-C

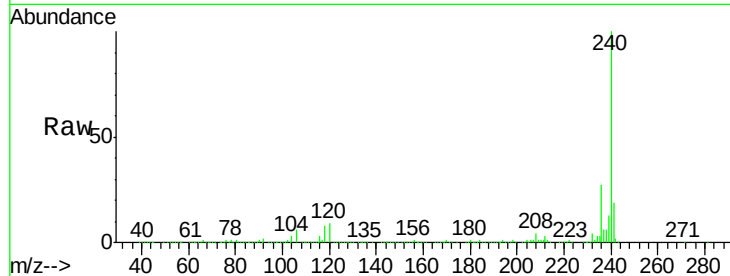
Tot Ion:240 Resp: 753770

Ion Ratio Lower Upper

240 100

120 8.7 8.6 13.0

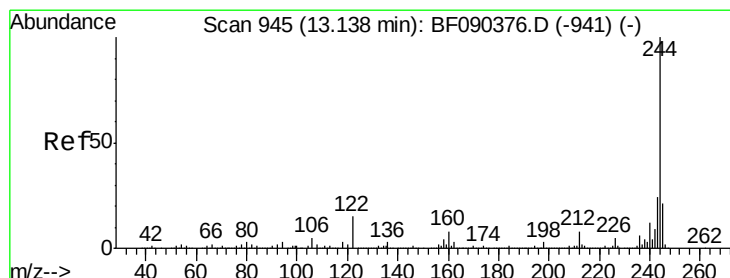
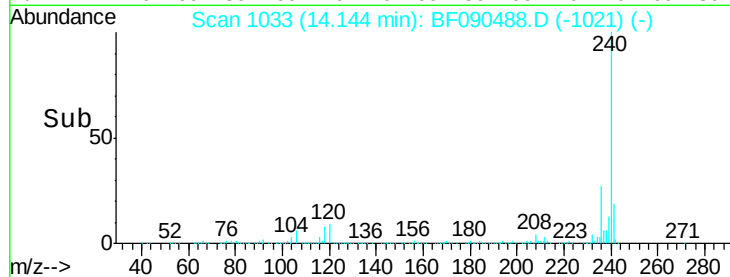
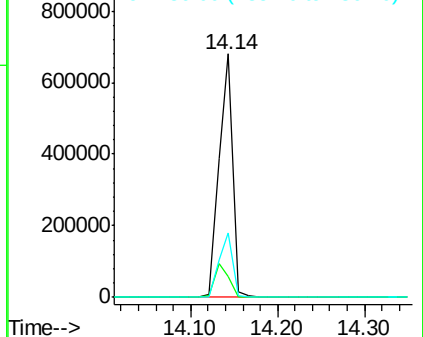
236 26.6 21.6 32.4



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: 81.72 ng

RT: 13.09 min Scan# 941

Delta R.T. -0.05 min

Lab File: BF090488.D

Acq: 10 Oct 2016 19:14

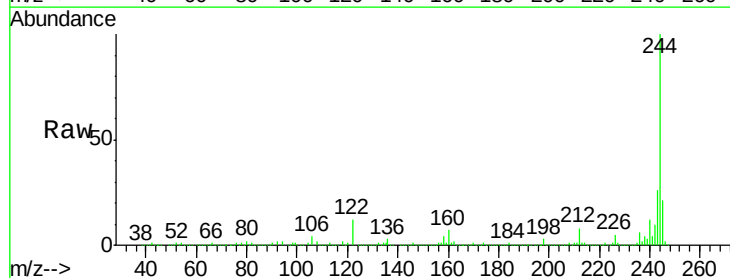
Tgt Ion:244 Resp: 2739927

Ion Ratio Lower Upper

244 100

212 7.6 6.8 10.2

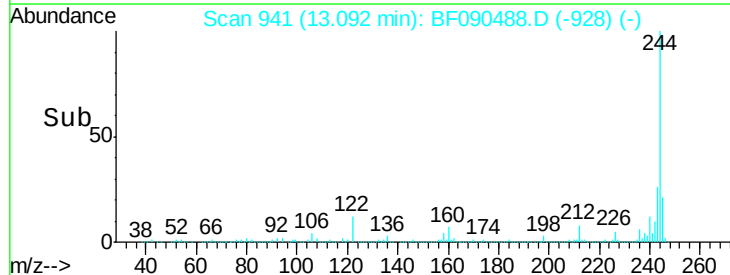
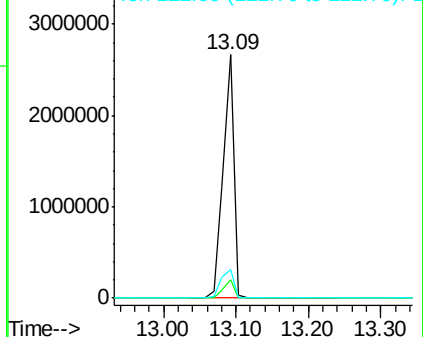
122 11.8 13.3 19.9#

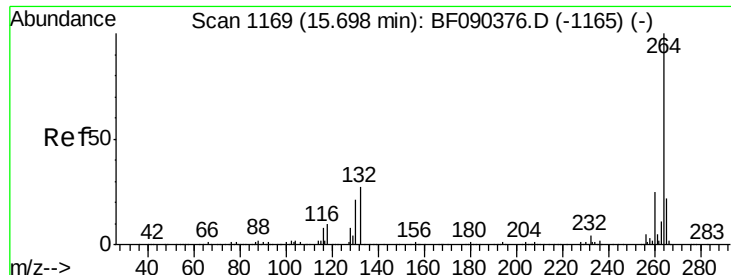


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

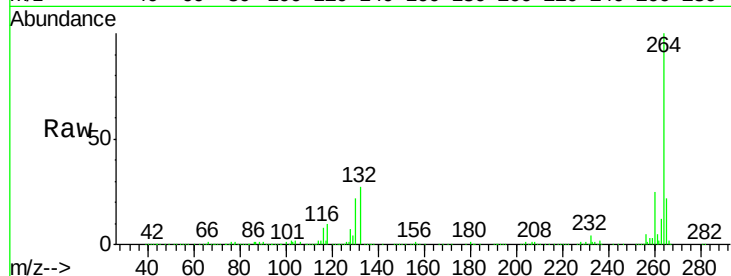




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.62 min Scan# 1162
 Delta R.T. -0.08 min
 Lab File: BF090488.D
 Acq: 10 Oct 2016 19:14

Instrument :
 BNA_F
 ClientSampleId :
 WC-WH-DRUM-03-C

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.3	28.9
265	21.9	17.4	26.0



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

