

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102116\
 Data File : BF090786.D
 Acq On : 23 Oct 2016 2:04
 Operator : UM/SJ
 Sample : H5363-02
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TCLP-2

Quant Time: Oct 24 03:45:14 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 21 17:36:31 2016
 Response via : Initial Calibration

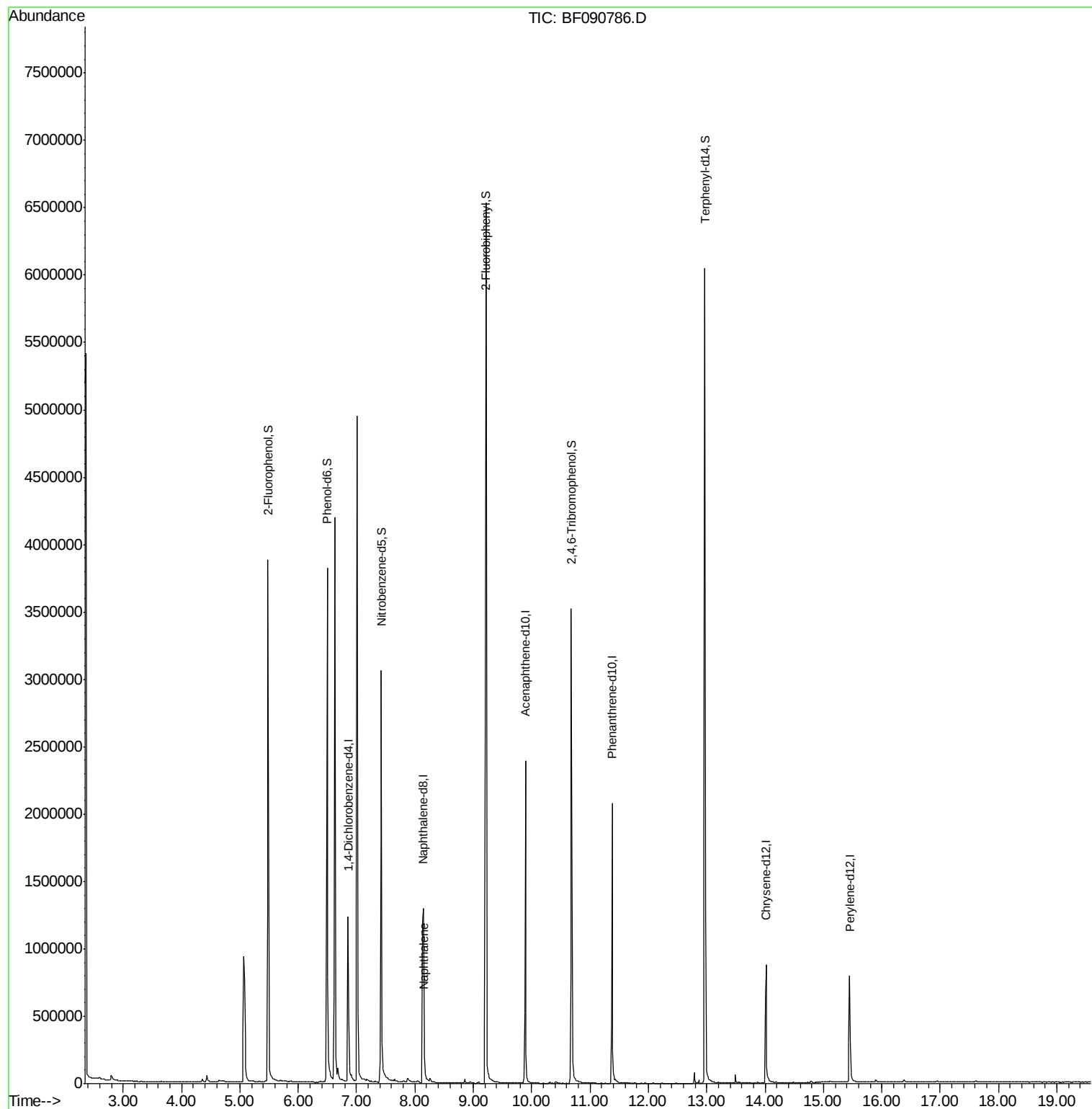
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	240954	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	992370	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	533458	20.00	ng	-0.01
63) Phenanthrene-d10	11.38	188	826896	20.00	ng	-0.01
75) Chrysene-d12	14.02	240	482650	20.00	ng	0.00
86) Perylene-d12	15.45	264	389599	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1645486	110.13	ng	0.02
7) Phenol-d6	6.50	99	1877868	92.79	ng	0.00
23) Nitrobenzene-d5	7.42	82	1507533	83.32	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	642327	152.13	ng	-0.01
44) 2-Fluorobiphenyl	9.22	172	2546823	74.11	ng	-0.01
78) Terphenyl-d14	12.97	244	2266089	107.61	ng	0.00
Target Compounds						
31) Naphthalene	8.15	128	170422	3.51	ng	Qvalue 98

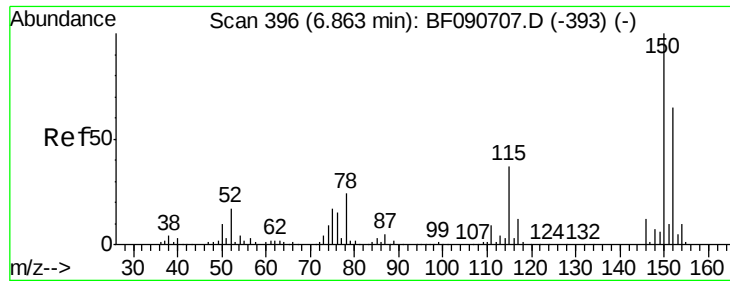
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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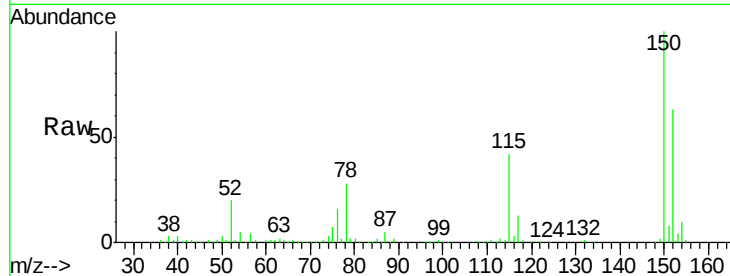


#1

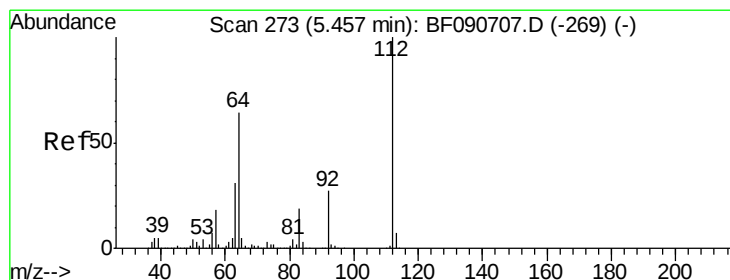
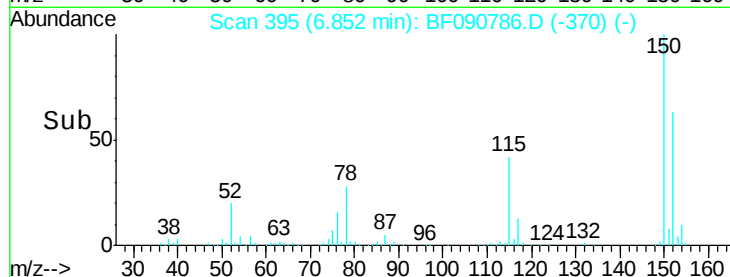
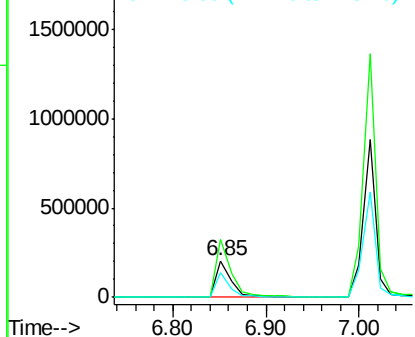
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 395
Delta R.T. -0.01 min
Lab File: BF090786.D
Acq: 23 Oct 2016 2:04

Instrument :
BNA_F
ClientSampleId :
TCLP-2

Tot Ion:152 Resp: 240954
Ion Ratio Lower Upper
152 100
150 159.6 124.7 187.1
115 67.0 39.0 58.4#



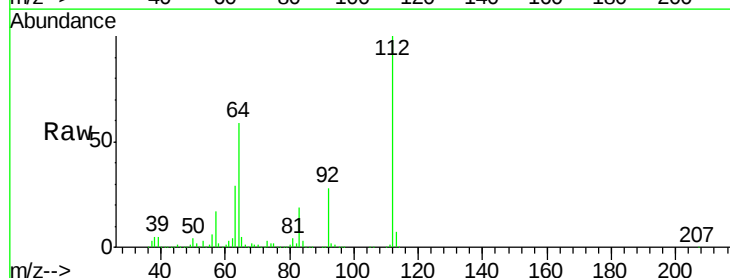
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



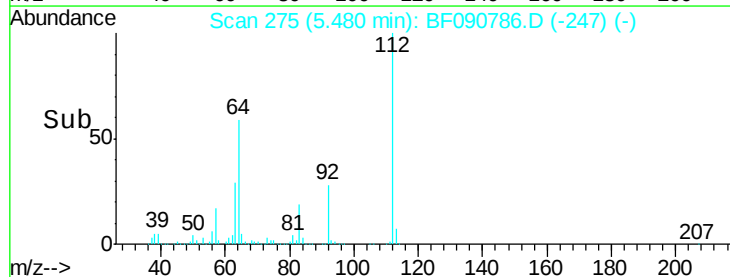
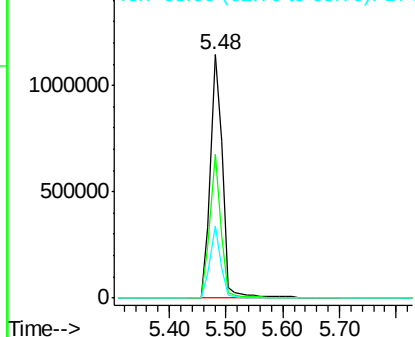
#5

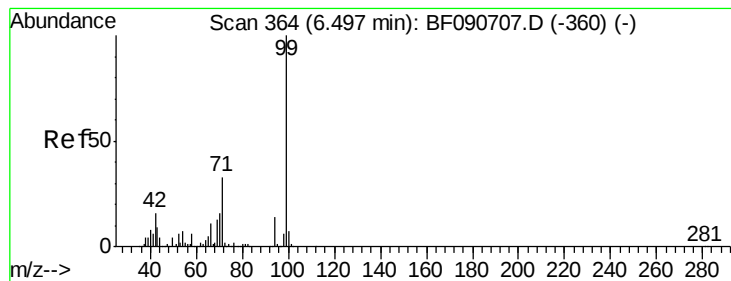
2-Fluorophenol
Concen: 110.13 ng
RT: 5.48 min Scan# 275
Delta R.T. 0.02 min
Lab File: BF090786.D
Acq: 23 Oct 2016 2:04

Tgt Ion:112 Resp: 1645486
Ion Ratio Lower Upper
112 100
64 59.3 39.7 59.5
63 29.5 17.4 26.0#



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: 92.79 ng

RT: 6.50 min Scan# 364

Delta R.T. 0.00 min

Lab File: BF090786.D

Acq: 23 Oct 2016 2:04

Instrument :

BNA_F

ClientSampleId :

TCLP-2

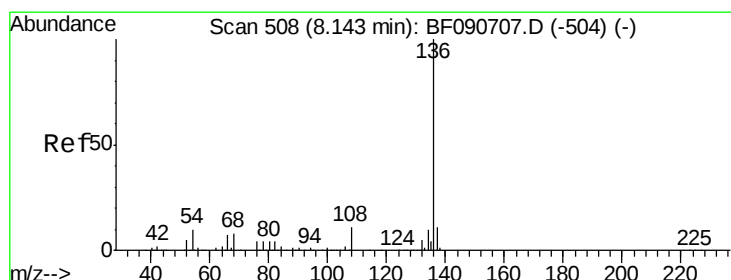
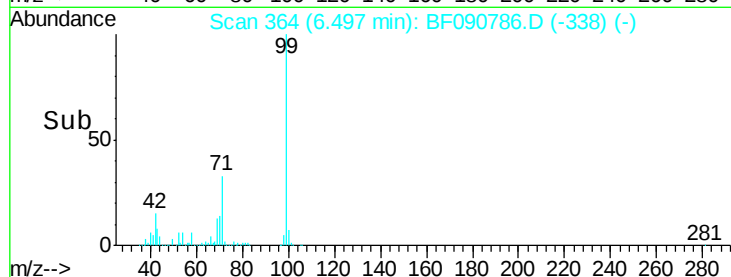
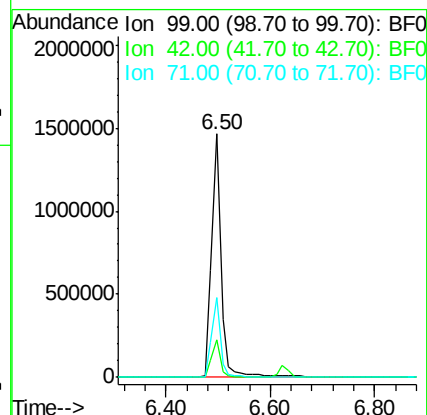
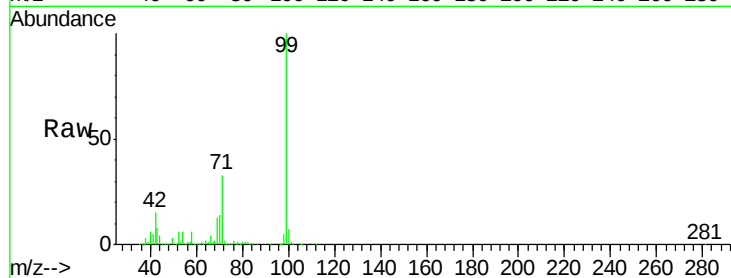
Tot Ion: 99 Resp: 1877868

Ion Ratio Lower Upper

99 100

42 15.2 13.7 20.5

71 32.8 14.2 21.2#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 508

Delta R.T. 0.00 min

Lab File: BF090786.D

Acq: 23 Oct 2016 2:04

Tgt Ion: 136 Resp: 992370

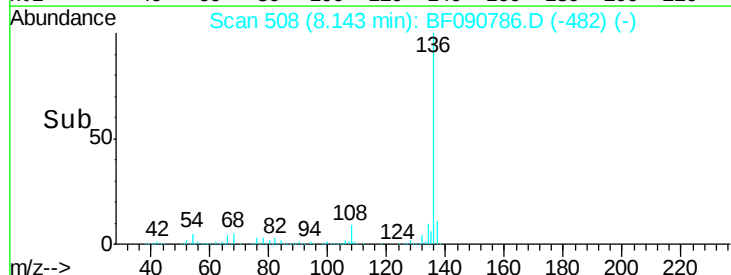
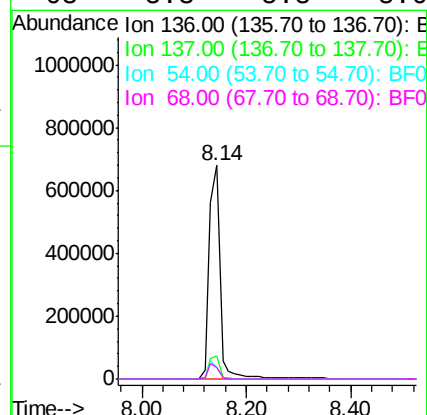
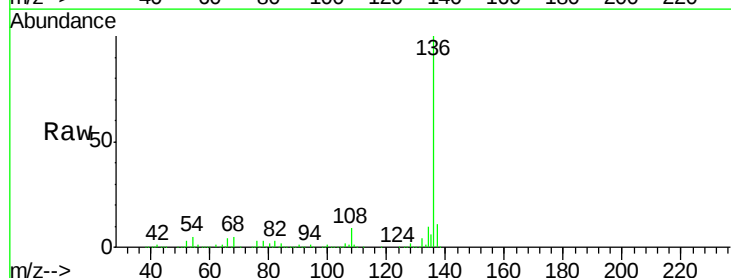
Ion Ratio Lower Upper

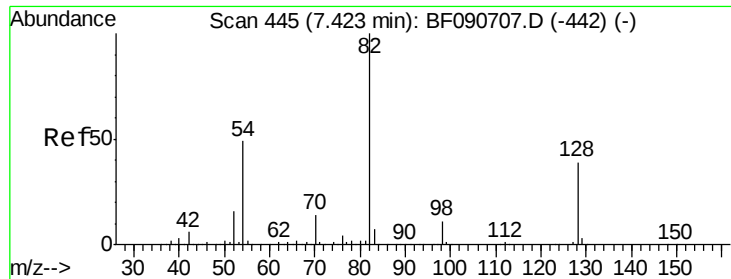
136 100

137 10.7 9.0 13.6

54 5.4 8.2 12.2#

68 5.3 5.8 8.6#





#23

Nitrobenzene-d5

Concen: 83.32 ng

RT: 7.42 min Scan# 445

Delta R.T. 0.00 min

Lab File: BF090786.D

Acq: 23 Oct 2016 2:04

Instrument :

BNA_F

ClientSampled :

TCLP-2

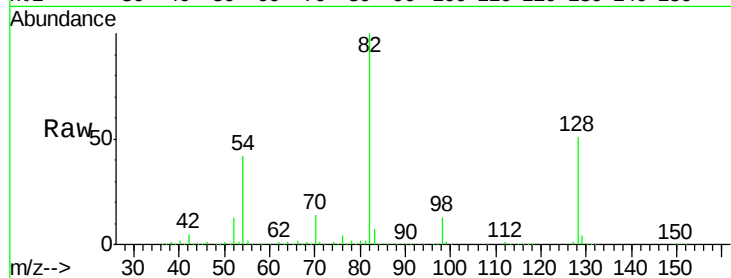
Tot Ion: 82 Resp: 1507533

Ion Ratio Lower Upper

82 100

128 51.4 51.0 76.6

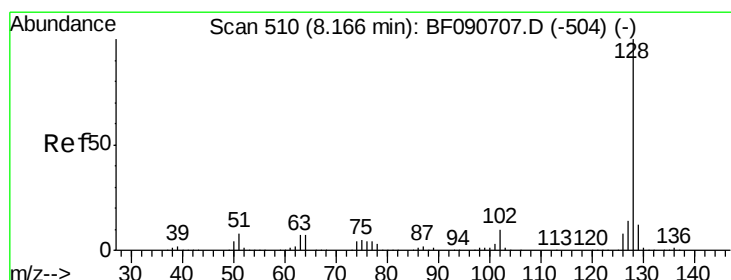
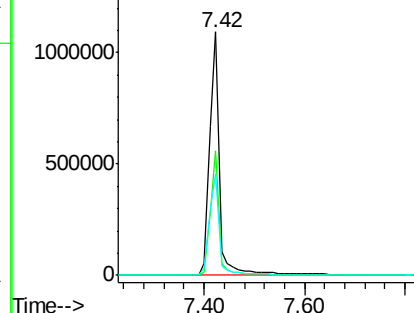
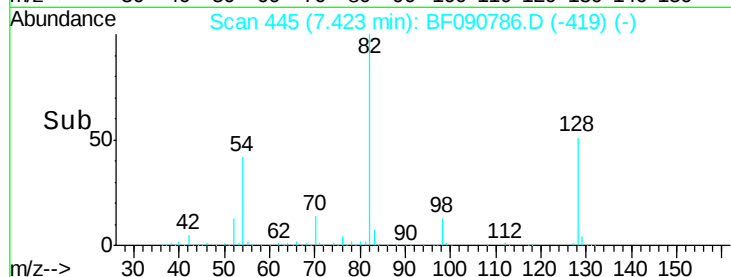
54 41.9 47.5 71.3#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



#31

Naphthalene

Concen: 3.51 ng

RT: 8.15 min Scan# 509

Delta R.T. -0.01 min

Lab File: BF090786.D

Acq: 23 Oct 2016 2:04

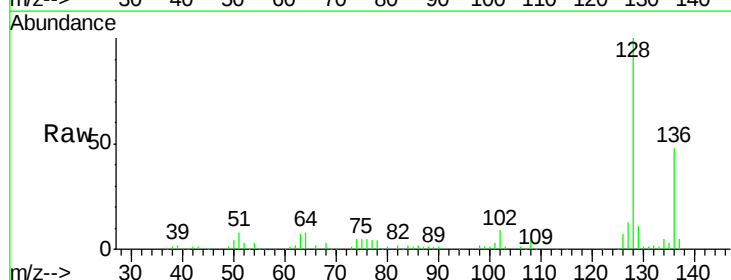
Tgt Ion: 128 Resp: 170422

Ion Ratio Lower Upper

128 100

129 11.3 8.4 12.6

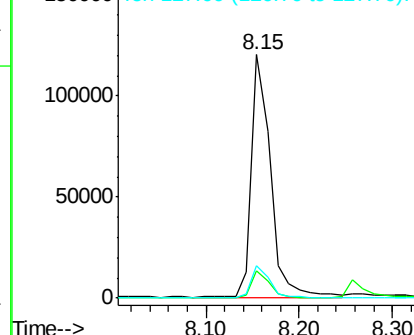
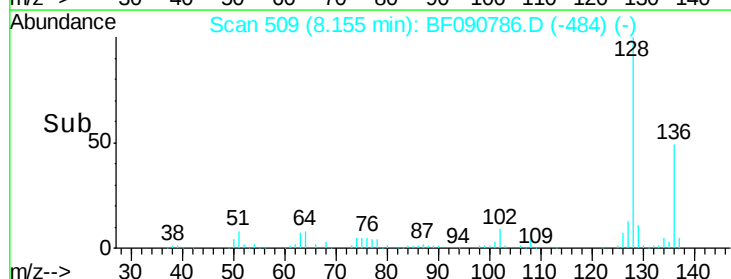
127 13.2 9.9 14.9

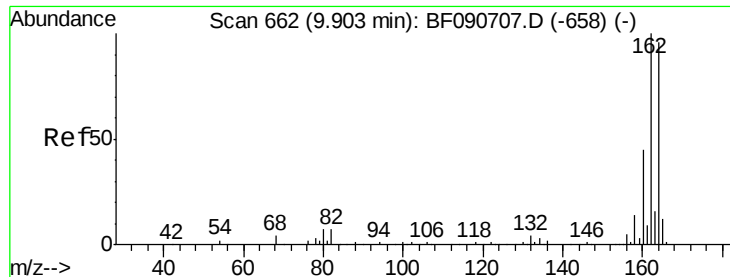


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

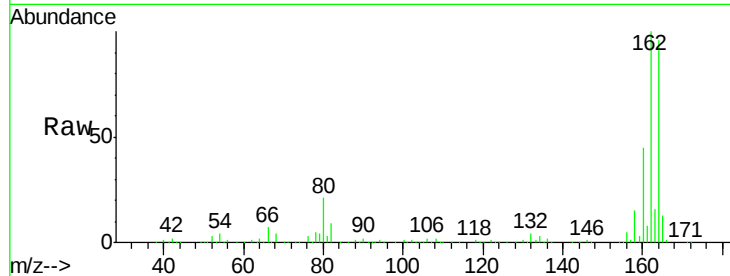




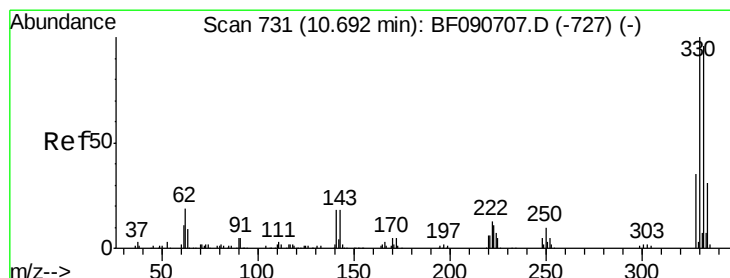
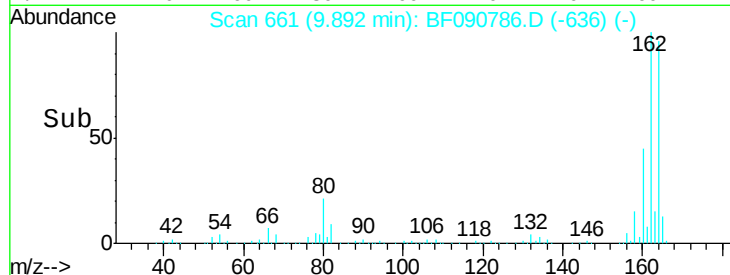
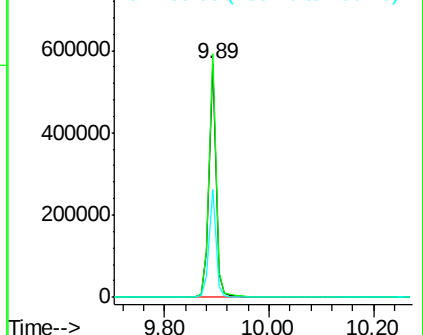
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 661
Delta R.T. -0.01 min
Lab File: BF090786.D
Acq: 23 Oct 2016 2:04

Instrument :
BNA_F
ClientSampleId :
TCLP-2

Tot Ion:164 Resp: 533458
Ion Ratio Lower Upper
164 100
162 104.1 75.2 112.8
160 46.4 31.5 47.3

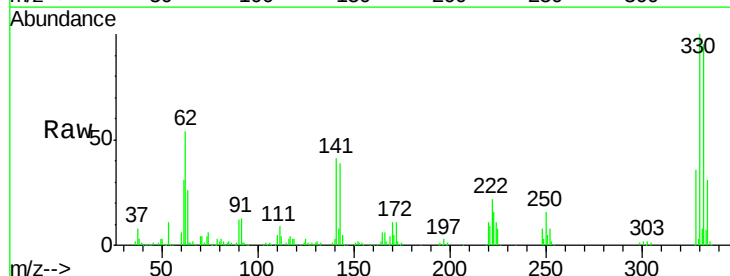


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

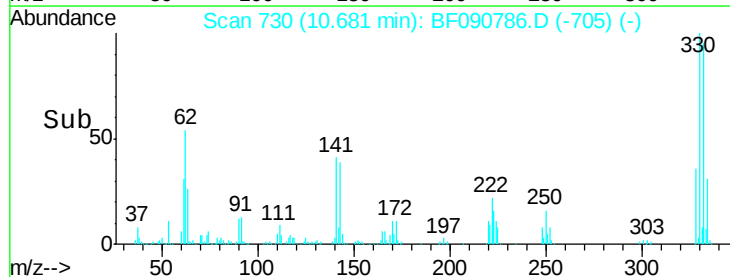
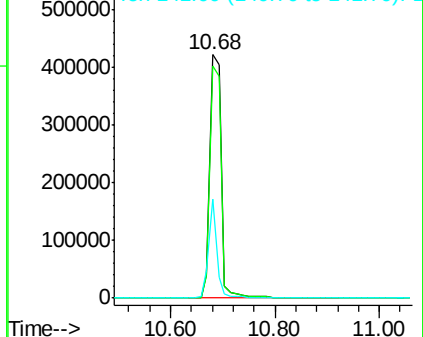


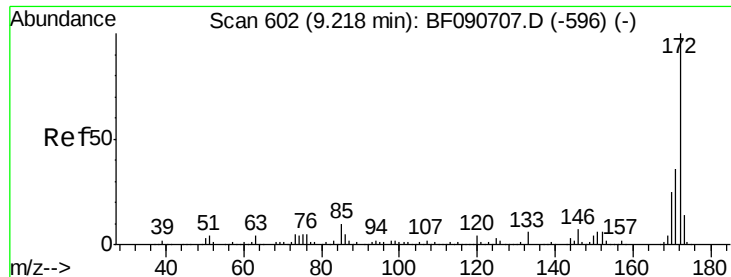
#41
2,4,6-Tribromophenol
Concen: 152.13 ng
RT: 10.68 min Scan# 730
Delta R.T. -0.01 min
Lab File: BF090786.D
Acq: 23 Oct 2016 2:04

Tgt Ion:330 Resp: 642327
Ion Ratio Lower Upper
330 100
332 95.4 76.6 114.8
141 30.2 29.7 44.5



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



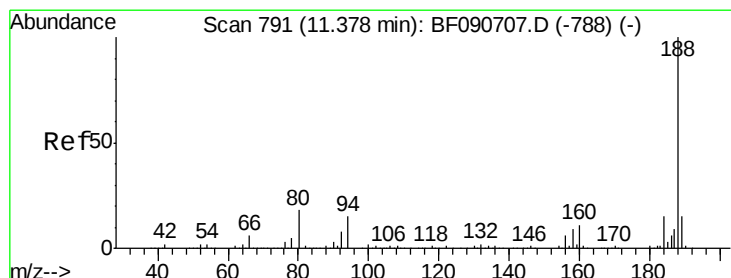
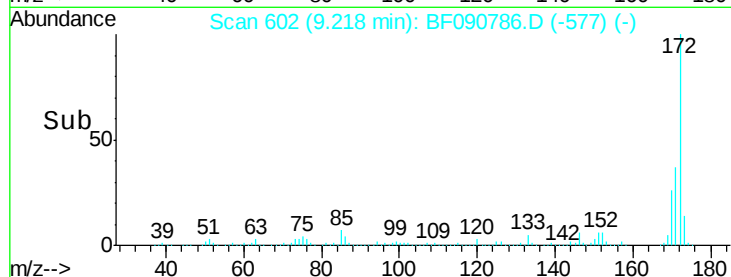
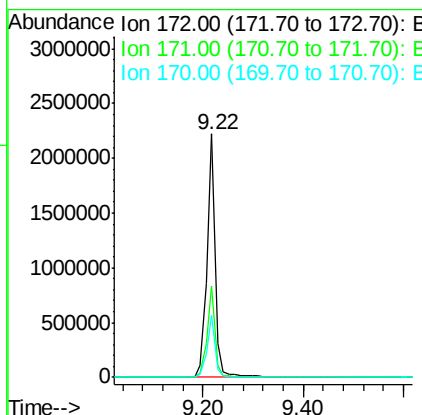
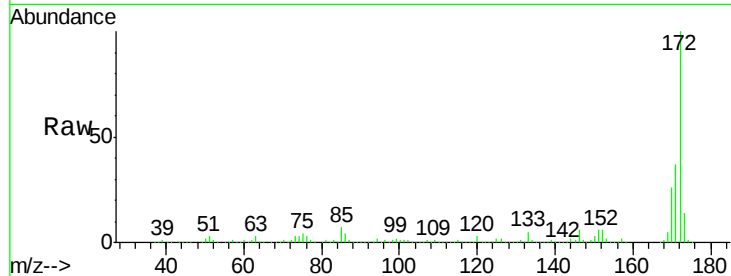


#44
 2-Fluorobiphenyl
 Concen: 74.11 ng
 RT: 9.22 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: BF090786.D
 Acq: 23 Oct 2016 2:04

Instrument :
 BNA_F
 ClientSampleId :
 TCLP-2

Tot Ion:172 Resp: 2546823

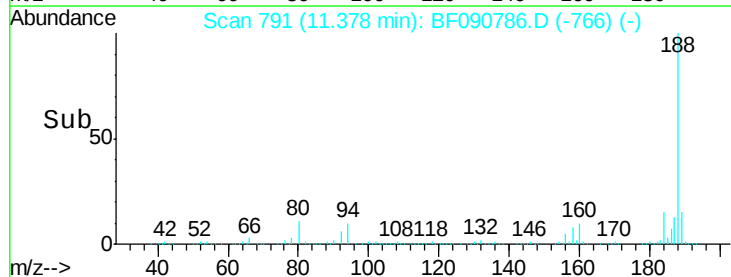
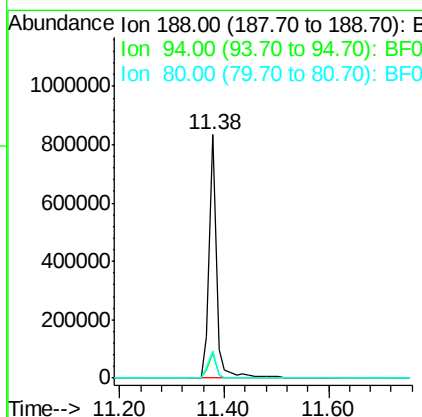
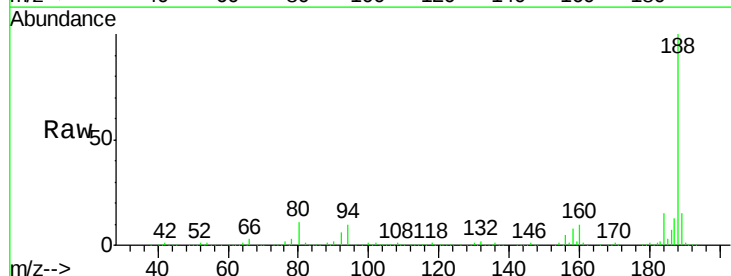
Ion	Ratio	Lower	Upper
172	100		
171	37.4	26.1	39.1
170	25.5	17.4	26.2

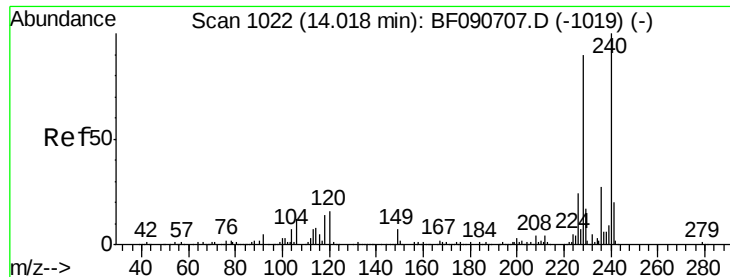


#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.38 min Scan# 791
 Delta R.T. -0.01 min
 Lab File: BF090786.D
 Acq: 23 Oct 2016 2:04

Tgt Ion:188 Resp: 826896

Ion	Ratio	Lower	Upper
188	100		
94	10.3	11.1	16.7#
80	11.5	11.0	16.4





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BF090786.D

Acq: 23 Oct 2016 2:04

Instrument :

BNA_F

ClientSampleId :

TCLP-2

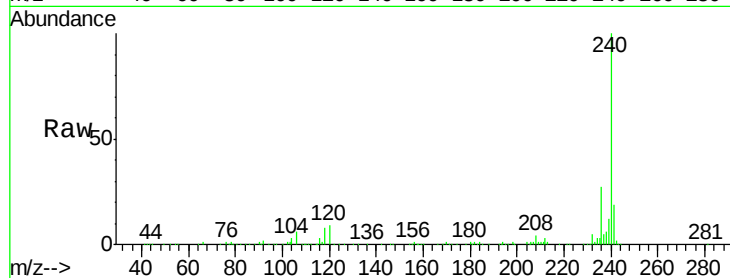
Tot Ion:240 Resp: 482650

Ion Ratio Lower Upper

240 100

120 9.2 16.2 24.2#

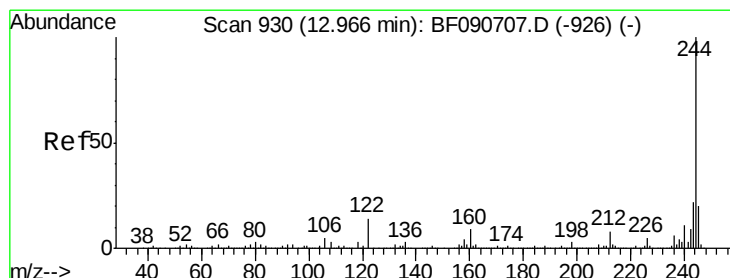
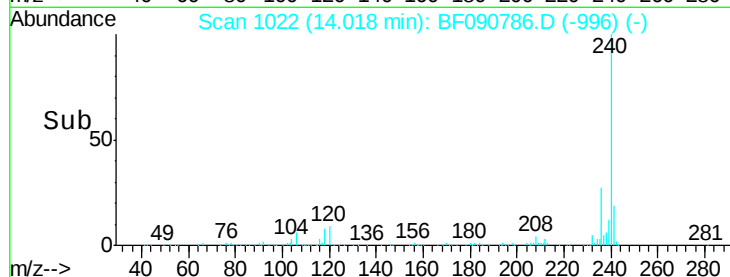
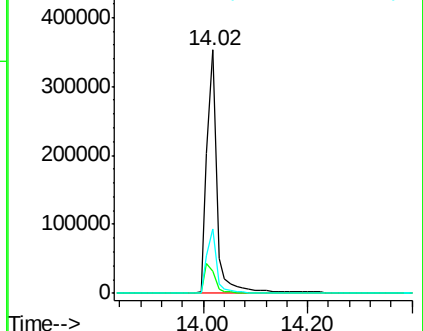
236 26.6 18.4 27.6



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: 107.61 ng

RT: 12.97 min Scan# 930

Delta R.T. 0.00 min

Lab File: BF090786.D

Acq: 23 Oct 2016 2:04

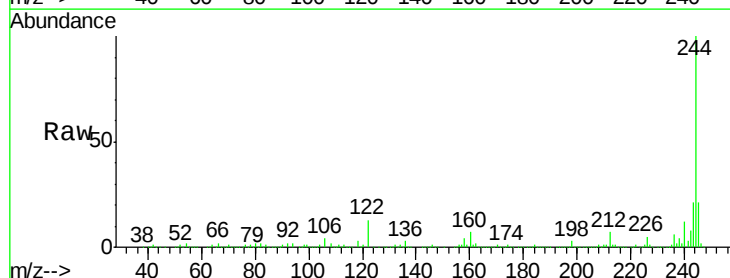
Tgt Ion:244 Resp: 2266089

Ion Ratio Lower Upper

244 100

212 7.5 4.3 6.5#

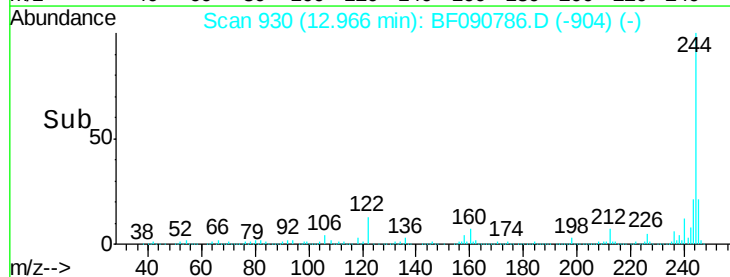
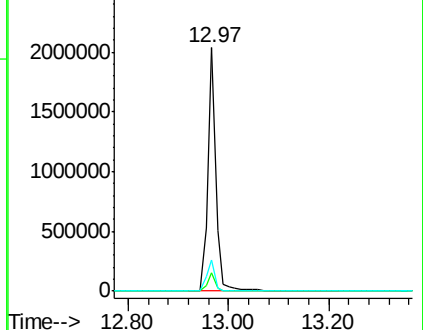
122 12.6 17.4 26.2#

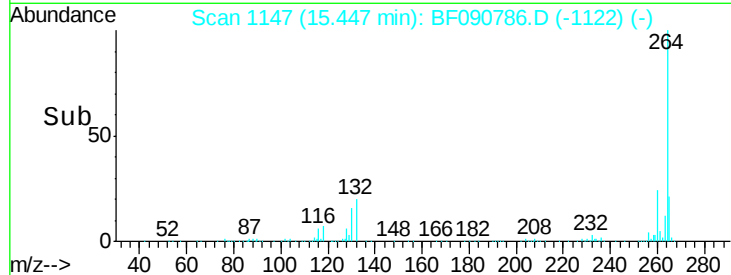
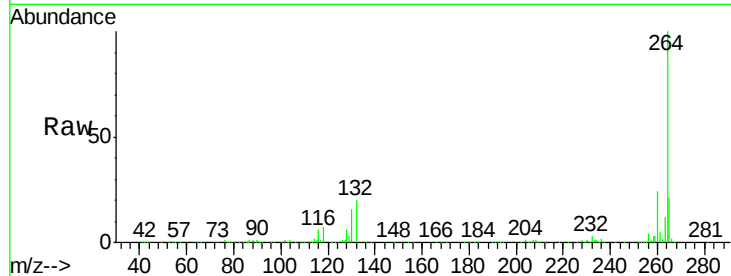
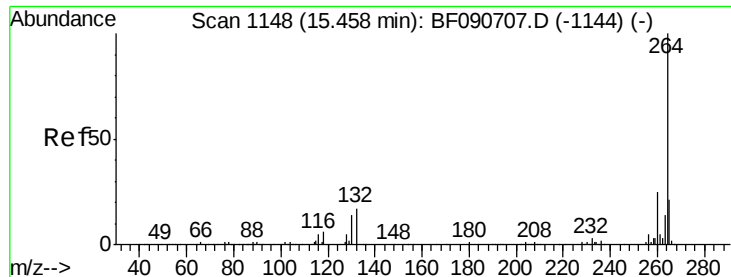


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.45 min Scan# 1147
 Delta R.T. -0.01 min
 Lab File: BF090786.D
 Acq: 23 Oct 2016 2:04

Instrument :
 BNA_F
 ClientSampleId :
 TCLP-2

Tot Ion:	264	Resp:	389599
Ion Ratio	Lower	Upper	
264	100		
260	24.5	16.7	25.1
265	21.4	17.2	25.8

