

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102116\
 Data File : BF090785.D
 Acq On : 23 Oct 2016 1:37
 Operator : UM/SJ
 Sample : H5363-01
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TCLP-1

Quant Time: Oct 24 03:44:07 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	243728	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	988460	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	522822	20.00	ng	-0.01
63) Phenanthrene-d10	11.38	188	801311	20.00	ng	-0.01
75) Chrysene-d12	14.02	240	464683	20.00	ng	0.00
86) Perylene-d12	15.45	264	388226	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1616070	106.93	ng	0.02
7) Phenol-d6	6.50	99	1837840	89.78	ng	0.00
23) Nitrobenzene-d5	7.42	82	1573230	87.29	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	609275	147.23	ng	-0.01
44) 2-Fluorobiphenyl	9.22	172	2478647	73.60	ng	-0.01
78) Terphenyl-d14	12.97	244	2175427	107.29	ng	0.00

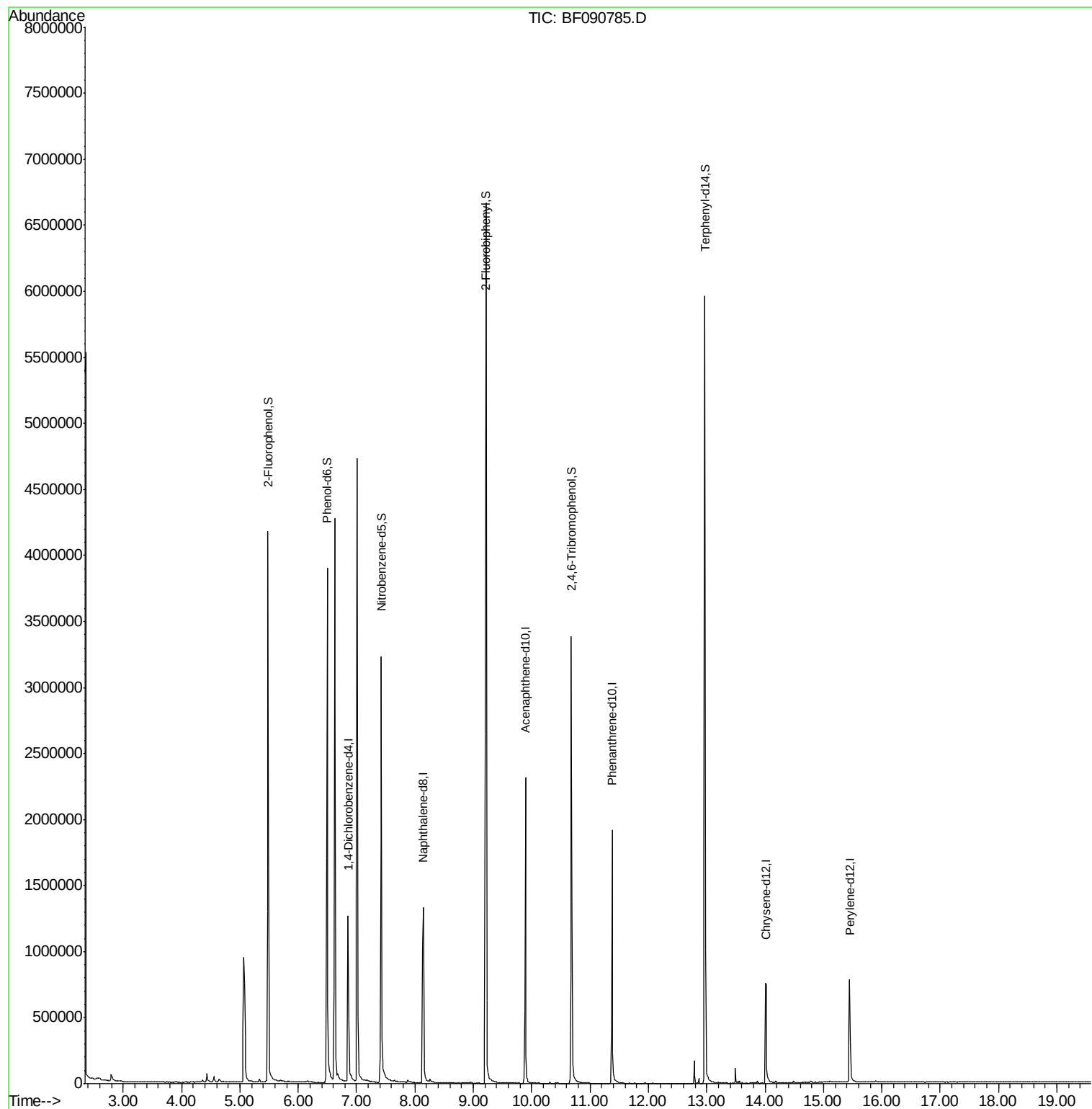
Target Compounds Qvalue

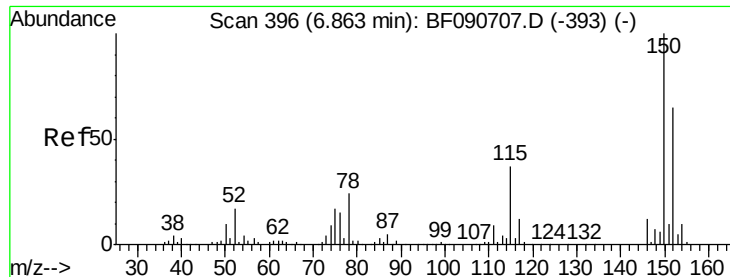
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF090785.D

Acq: 23 Oct 2016 1:37

Instrument :

BNA_F

ClientSampleId :

TCLP-1

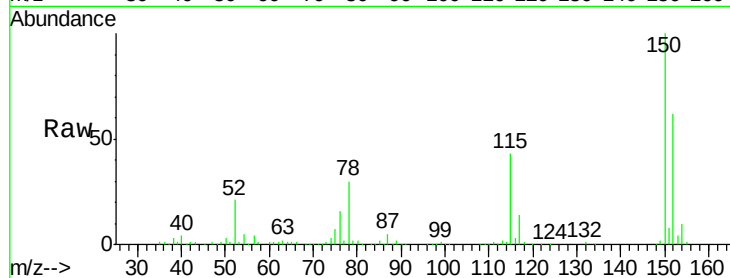
Tot Ion:152 Resp: 243728

Ion Ratio Lower Upper

152 100

150 160.2 124.7 187.1

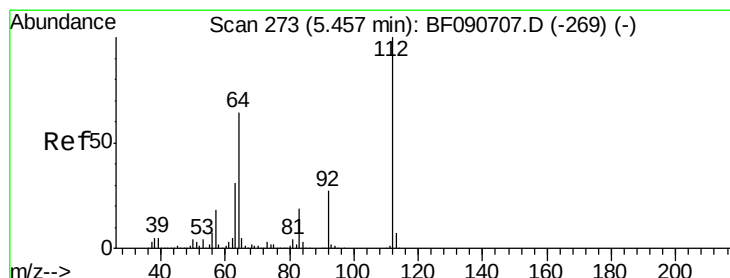
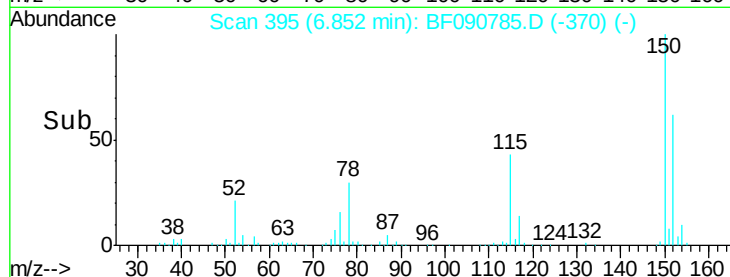
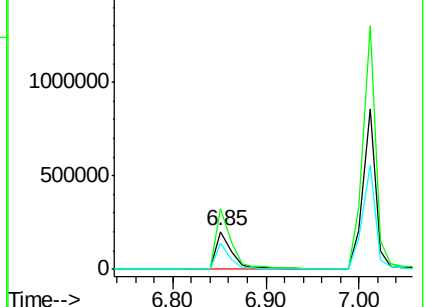
115 68.5 39.0 58.4#



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: 106.93 ng

RT: 5.48 min Scan# 275

Delta R.T. 0.02 min

Lab File: BF090785.D

Acq: 23 Oct 2016 1:37

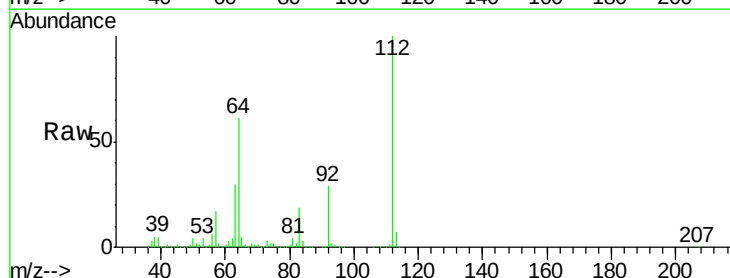
Tgt Ion:112 Resp: 1616070

Ion Ratio Lower Upper

112 100

64 60.8 39.7 59.5#

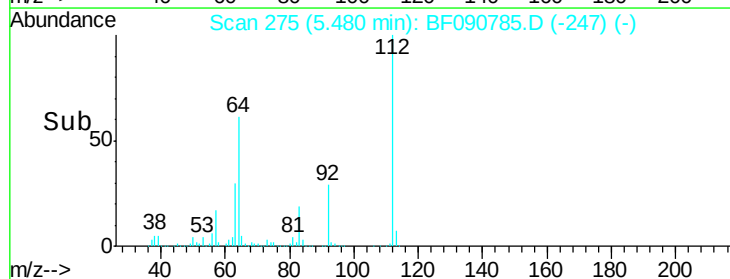
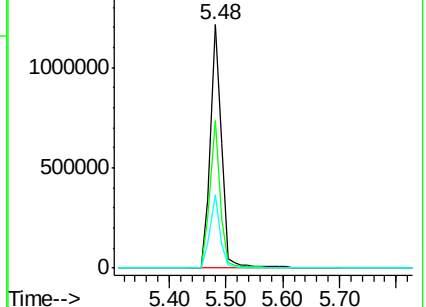
63 29.9 17.4 26.0#

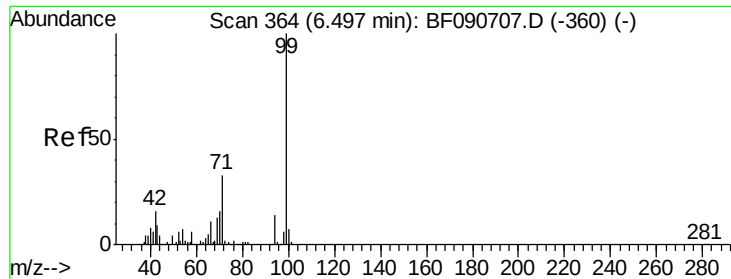


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 89.78 ng

RT: 6.50 min Scan# 364

Delta R.T. 0.00 min

Lab File: BF090785.D

Acq: 23 Oct 2016 1:37

Instrument :

BNA_F

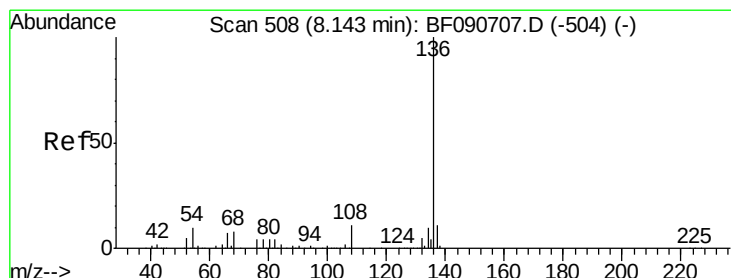
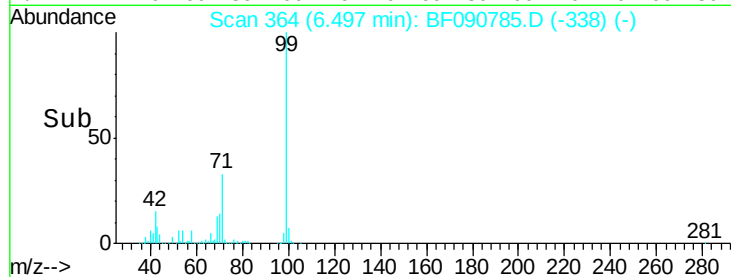
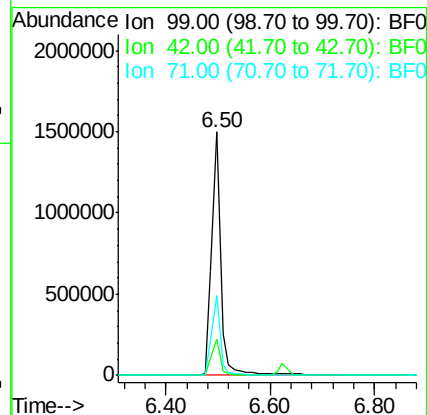
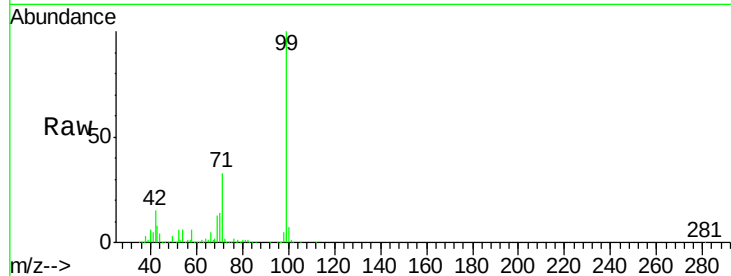
ClientSampleId :

TCLP-1

Tot Ion: 99 Resp: 1837840

Ion	Ratio	Lower	Upper
99	100		
42	15.0	13.7	20.5
71	32.6	14.2	21.2

99	100		
42	15.0	13.7	20.5
71	32.6	14.2	21.2



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 508

Delta R.T. 0.00 min

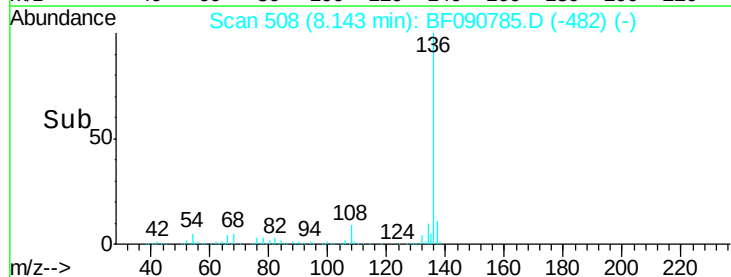
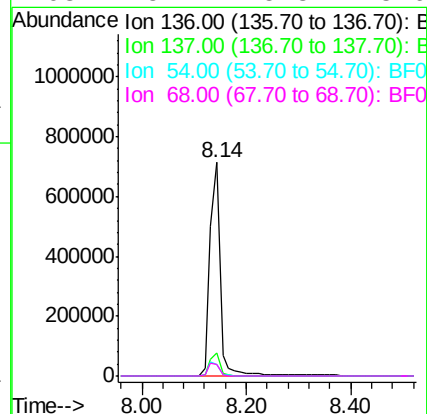
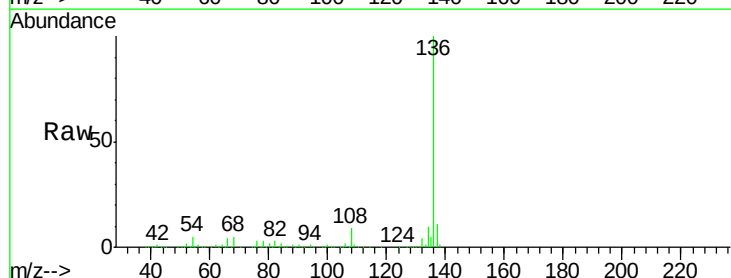
Lab File: BF090785.D

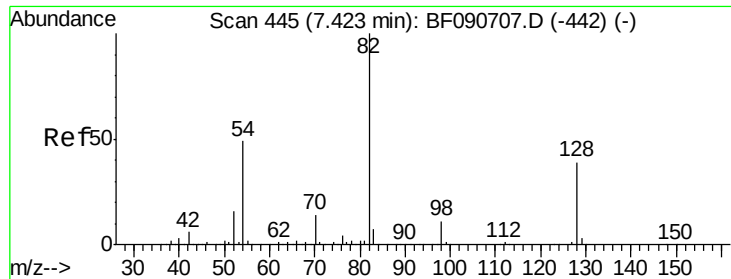
Acq: 23 Oct 2016 1:37

Tgt Ion: 136 Resp: 988460

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.6
54	5.3	8.2	12.2
68	5.2	5.8	8.6

136	100		
137	11.0	9.0	13.6
54	5.3	8.2	12.2
68	5.2	5.8	8.6

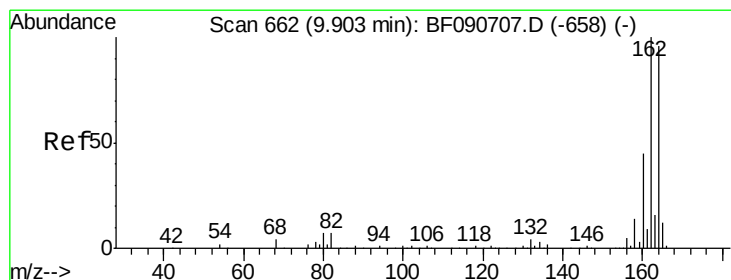
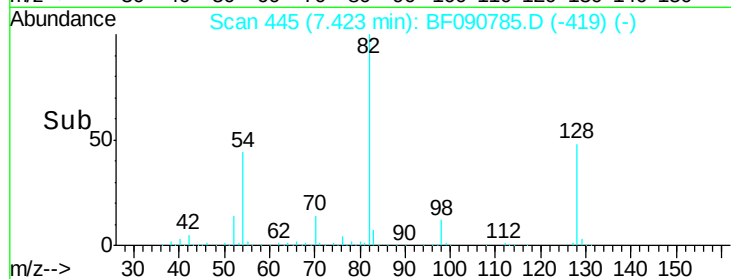
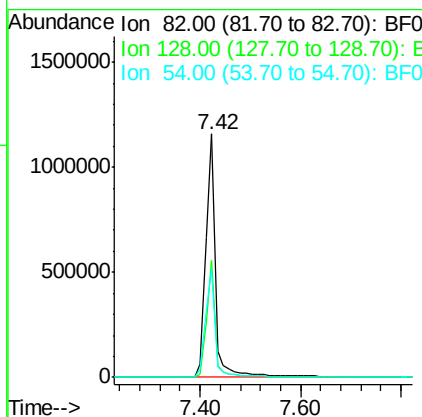
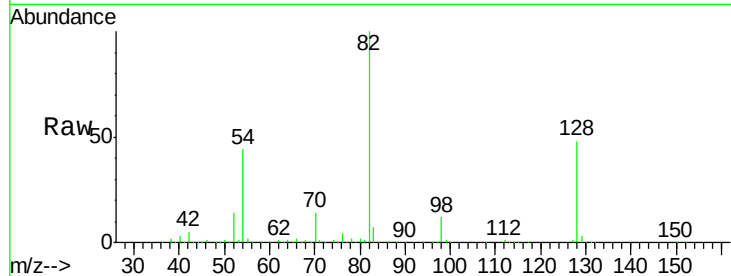




#23
 Nitrobenzene-d5
 Concen: 87.29 ng
 RT: 7.42 min Scan# 445
 Delta R.T. 0.00 min
 Lab File: BF090785.D
 Acq: 23 Oct 2016 1:37

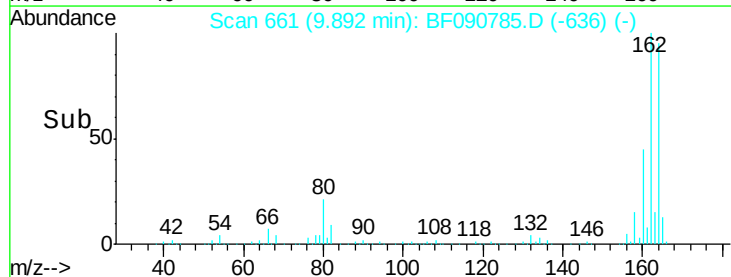
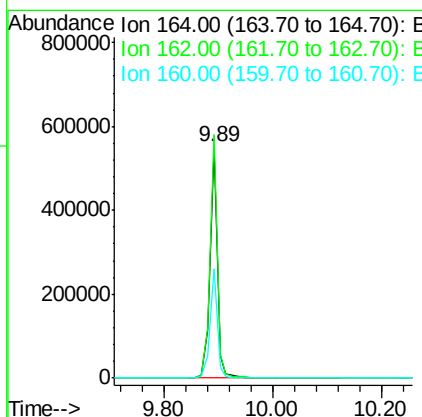
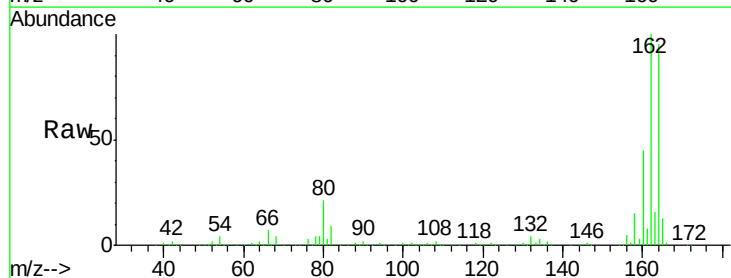
Instrument :
 BNA_F
 ClientSampled :
 TCLP-1

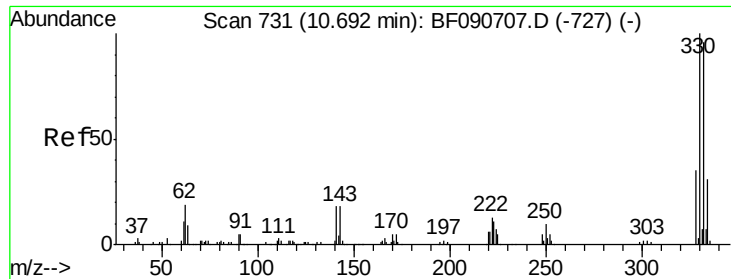
Tot Ion: 82 Resp: 1573230
 Ion Ratio Lower Upper
 82 100
 128 47.9 51.0 76.6#
 54 44.2 47.5 71.3#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 661
 Delta R.T. -0.01 min
 Lab File: BF090785.D
 Acq: 23 Oct 2016 1:37

Tgt Ion:164 Resp: 522822
 Ion Ratio Lower Upper
 164 100
 162 105.2 75.2 112.8
 160 47.0 31.5 47.3

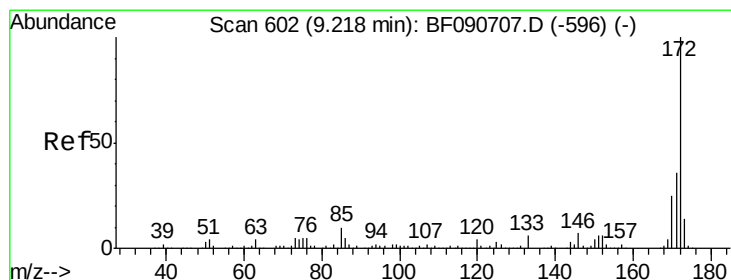
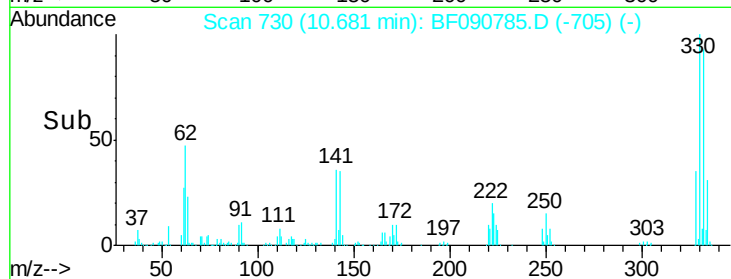
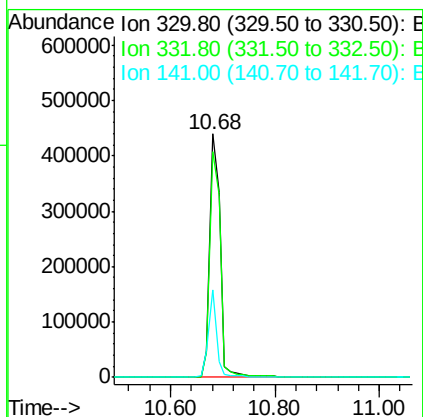
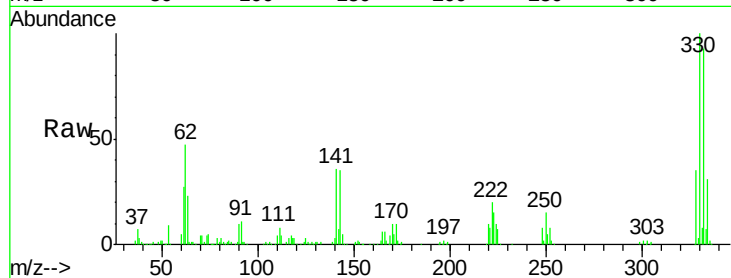




#41
 2,4,6-Tribromophenol
 Concen: 147.23 ng
 RT: 10.68 min Scan# 730
 Delta R.T. -0.01 min
 Lab File: BF090785.D
 Acq: 23 Oct 2016 1:37

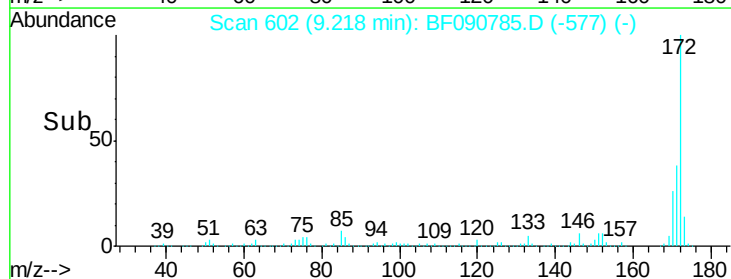
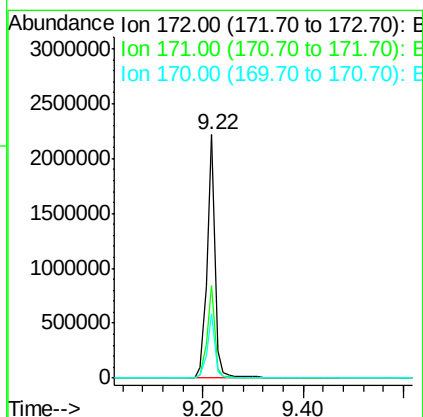
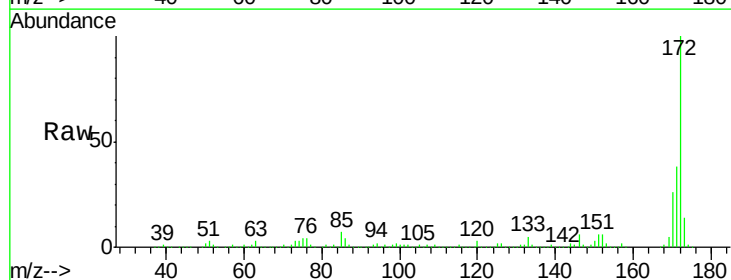
Instrument :
 BNA_F
 ClientSampleId :
 TCLP-1

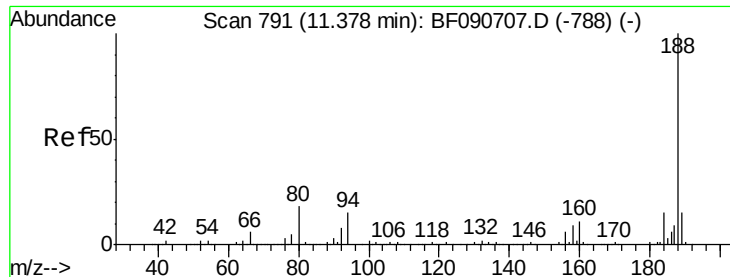
Tot Ion:330 Resp: 609275
 Ion Ratio Lower Upper
 330 100
 332 95.4 76.6 114.8
 141 29.5 29.7 44.5#



#44
 2-Fluorobiphenyl
 Concen: 73.60 ng
 RT: 9.22 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: BF090785.D
 Acq: 23 Oct 2016 1:37

Tgt Ion:172 Resp: 2478647
 Ion Ratio Lower Upper
 172 100
 171 38.2 26.1 39.1
 170 26.2 17.4 26.2#

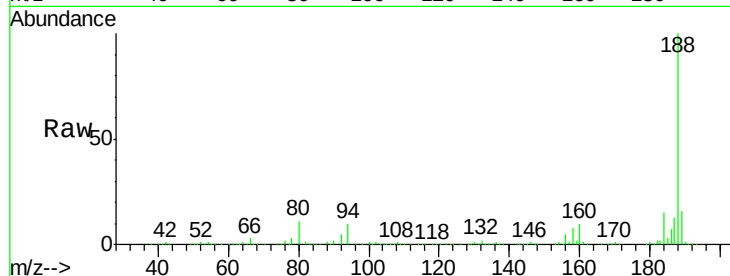




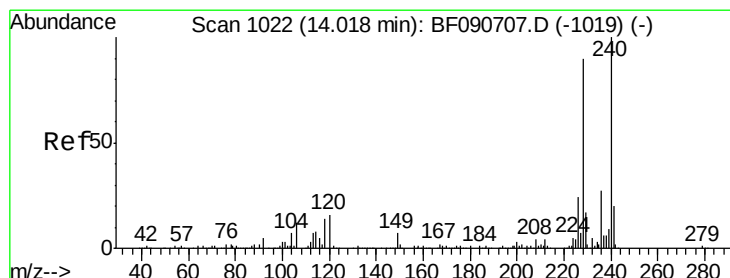
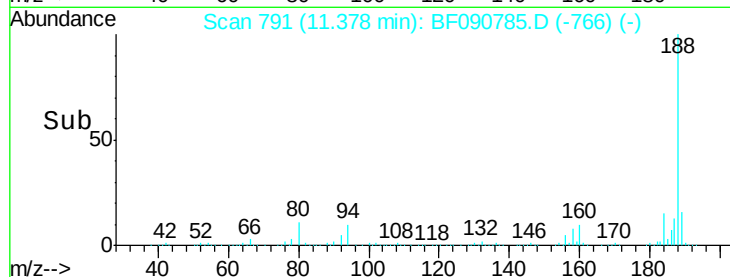
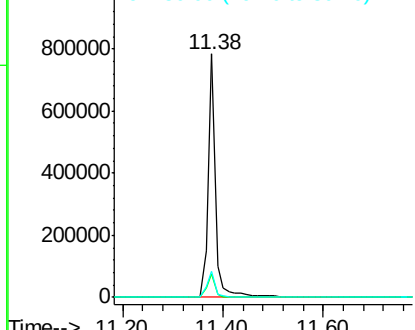
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF090785.D
Acq: 23 Oct 2016 1:37

Instrument :
BNA_F
ClientSampled :
TCLP-1

Tot Ion:188 Resp: 801311
Ion Ratio Lower Upper
188 100
94 9.8 11.1 16.7#
80 10.7 11.0 16.4#

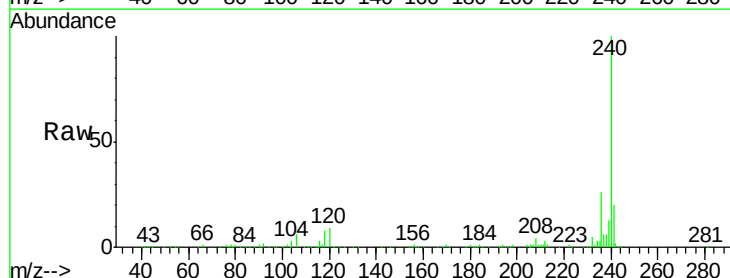


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

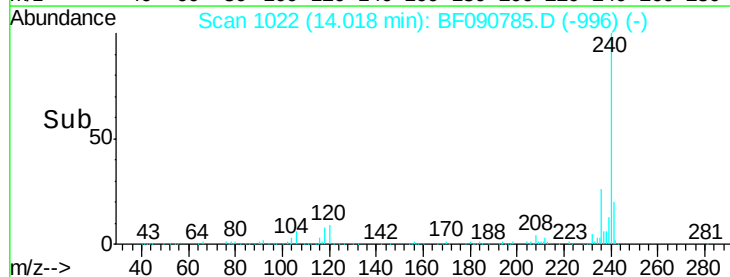
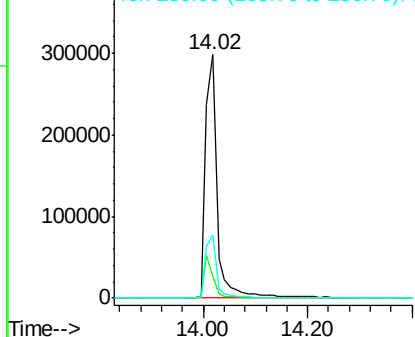


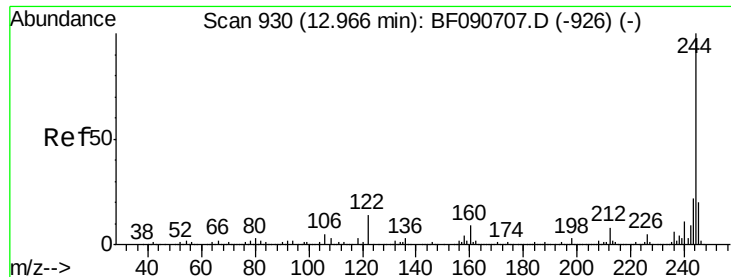
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF090785.D
Acq: 23 Oct 2016 1:37

Tgt Ion:240 Resp: 464683
Ion Ratio Lower Upper
240 100
120 8.9 16.2 24.2#
236 26.2 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

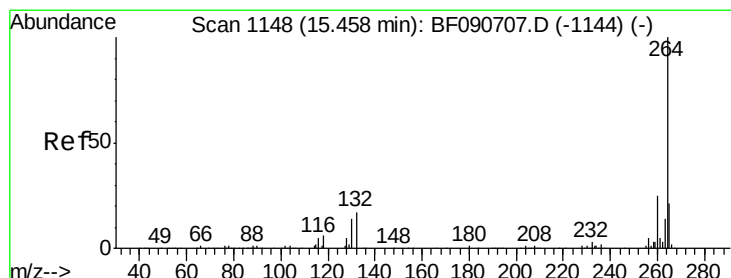
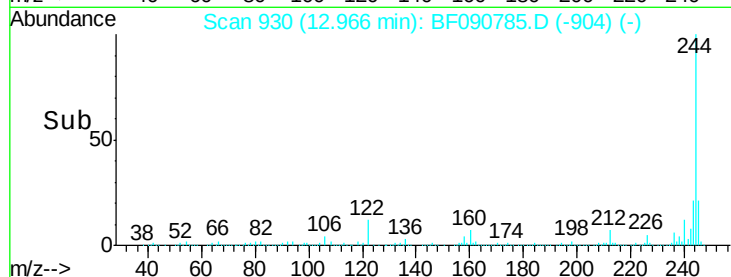
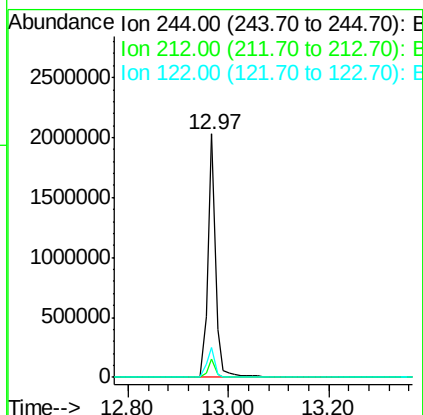
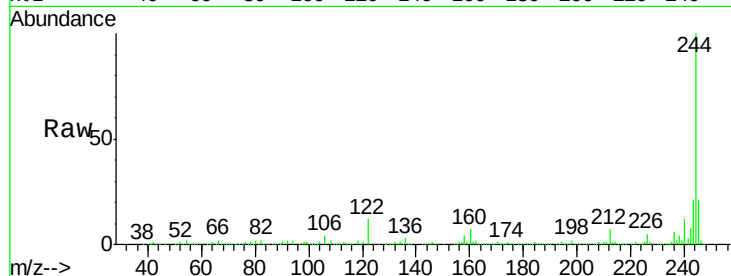




#78
 Terphenyl-d14
 Concen: 107.29 ng
 RT: 12.97 min Scan# 930
 Delta R.T. 0.00 min
 Lab File: BF090785.D
 Acq: 23 Oct 2016 1:37

Instrument :
 BNA_F
 ClientSampleId :
 TCLP-1

Tot Ion:244 Resp: 2175427
 Ion Ratio Lower Upper
 244 100
 212 7.4 4.3 6.5#
 122 12.2 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.45 min Scan# 1147
 Delta R.T. -0.01 min
 Lab File: BF090785.D
 Acq: 23 Oct 2016 1:37

Tgt Ion:264 Resp: 388226
 Ion Ratio Lower Upper
 264 100
 260 24.6 16.7 25.1
 265 21.6 17.2 25.8

