

Data Path : Z:\HPCHEM1\BNA F\Data\BF101216\
 Data File : BF090530.D
 Acq On : 12 Oct 2016 12:51
 Operator : UM/SJ
 Sample : PB93973BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB93973BL

Quant Time: Oct 12 15:48:03 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 11 16:14:43 2016
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.943	152	209981	20.00	ng	-0.01
21) Naphthalene-d8	8.235	136	895297	20.00	ng	-0.01
38) Acenaphthene-d10	9.995	164	472741	20.00	ng	-0.01
63) Phenanthrene-d10	11.481	188	821016	20.00	ng	0.00
75) Chrysene-d12	14.121	240	681060	20.00	ng	-0.01
86) Perylene-d12	15.595	264	572402	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.583	112	1552402	115.02	ng	0.02
7) Phenol-d6	6.589	99	2033906	119.41	ng	0.00
23) Nitrobenzene-d5	7.515	82	1268887	76.87	ng	0.00
41) 2,4,6-Tribromophenol	10.783	330	513628	109.61	ng	-0.01
44) 2-Fluorobiphenyl	9.309	172	2144901	76.25	ng	-0.01
78) Terphenyl-d14	13.069	244	2264908	81.27	ng	-0.01

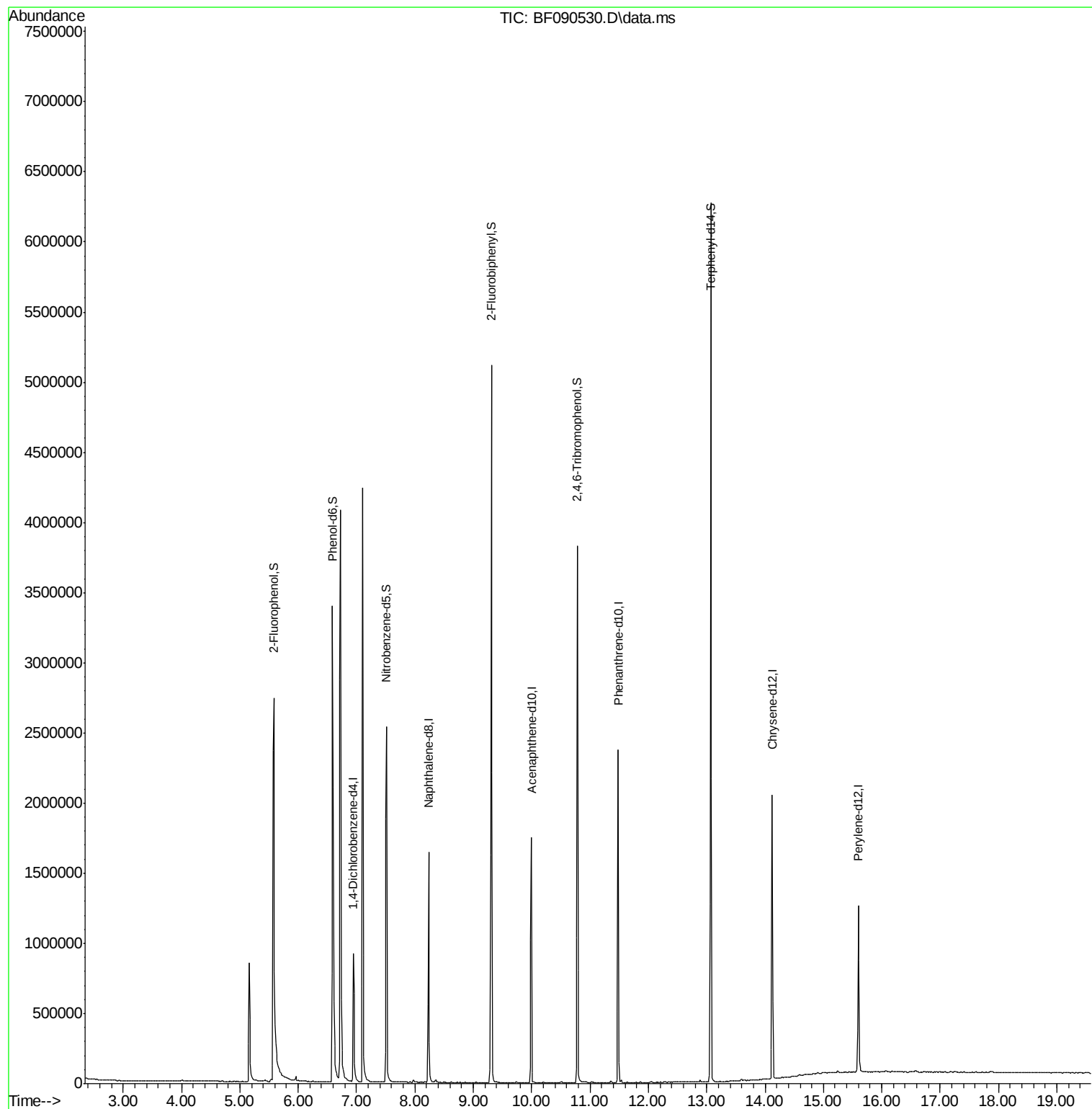
Target Compounds Qvalue

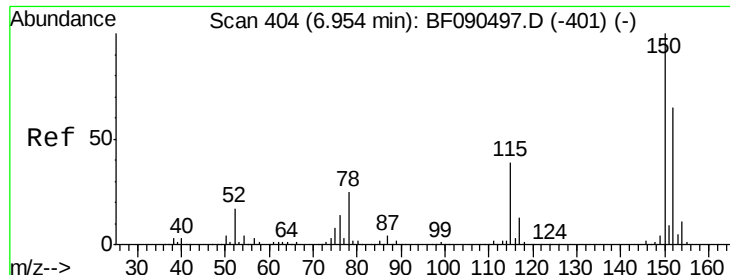
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.943 min Scan# 40

Delta R.T. -0.011 min

Lab File: BF090530.D

Acq: 12 Oct 2016 12:51

Instrument :

BNA_F

ClientSampleId :

PB93973BL

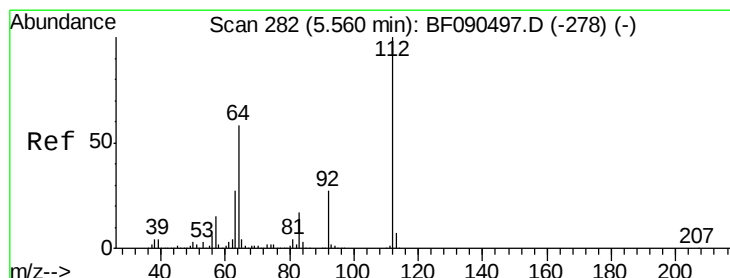
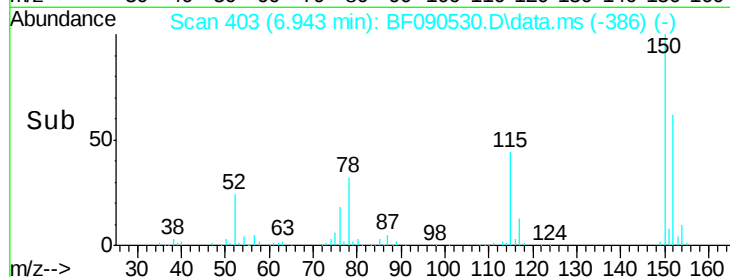
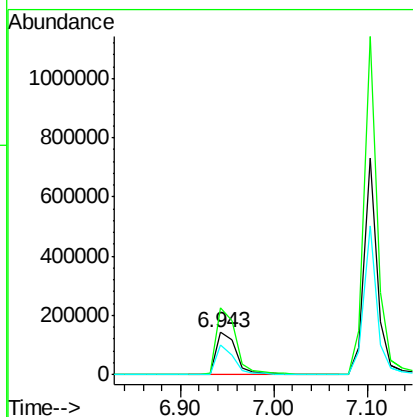
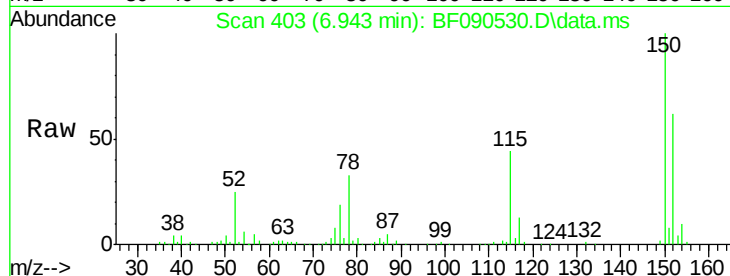
Tot Ion:152 Resp: 209981

Ion Ratio Lower Upper

152 100

150 160.0 124.6 186.8

115 69.9 46.2 69.4#



#5

2-Fluorophenol

Concen: 115.02 ng

RT: 5.583 min Scan# 284

Delta R.T. 0.024 min

Lab File: BF090530.D

Acq: 12 Oct 2016 12:51

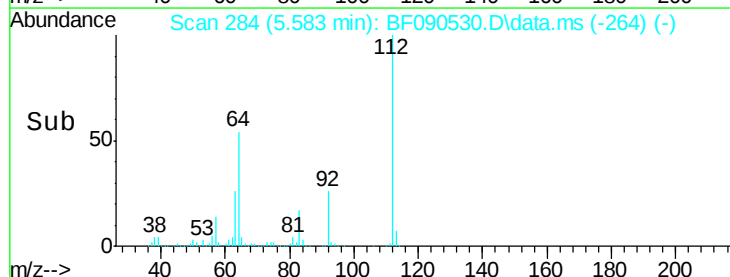
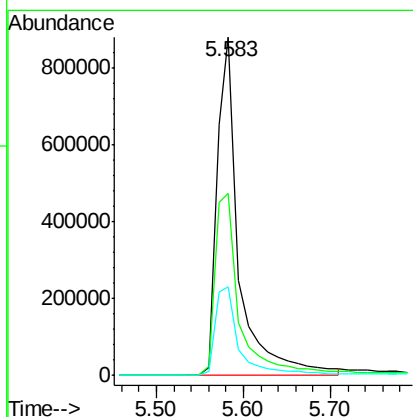
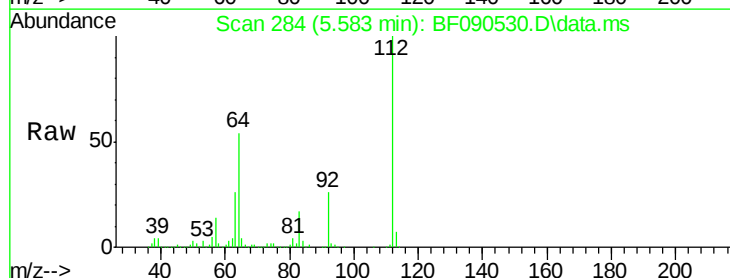
Tgt Ion:112 Resp: 1552402

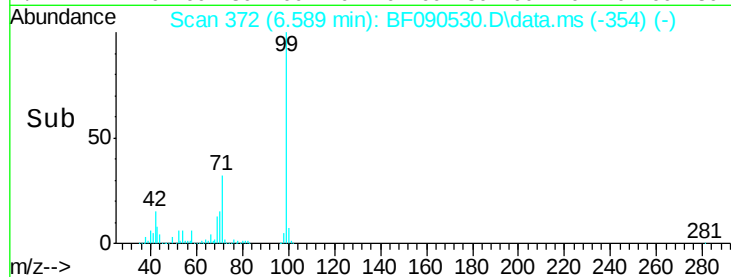
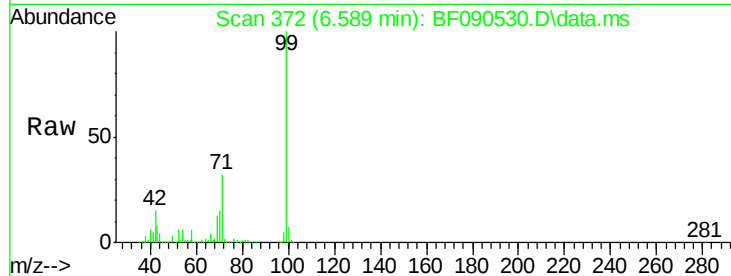
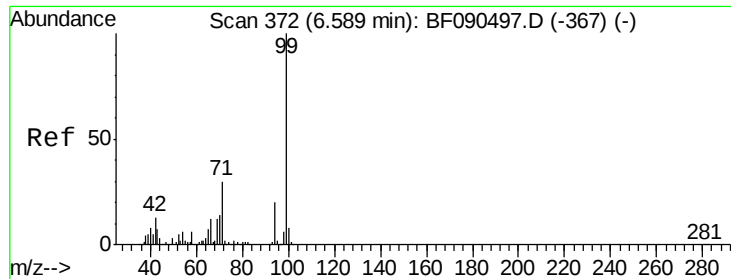
Ion Ratio Lower Upper

112 100

64 53.9 57.9 86.9#

63 26.2 29.6 44.4#





#7

Phenol-d6

Concen: 119.41 ng

RT: 6.589 min Scan# 37

Delta R.T. 0.000 min

Lab File: BF090530.D

Acq: 12 Oct 2016 12:51

Instrument :

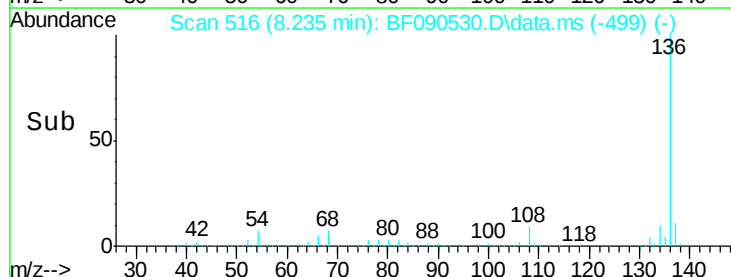
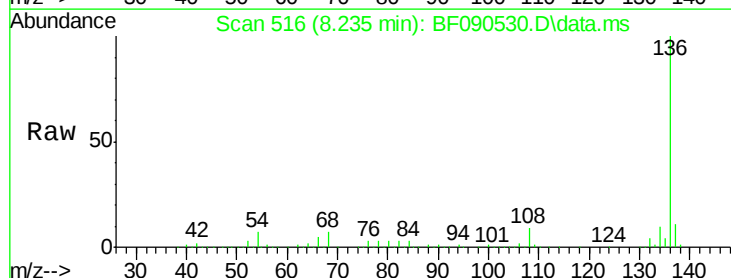
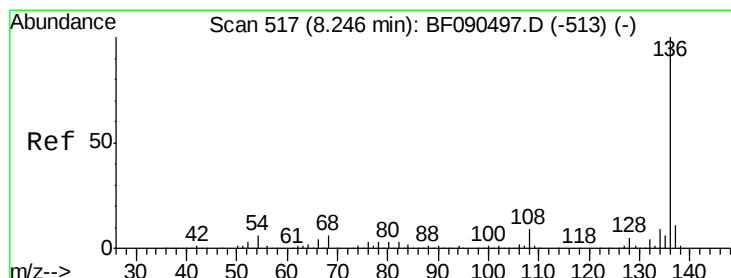
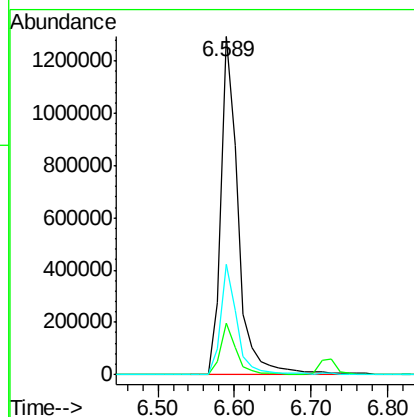
BNA_F

ClientSampleId :

PB93973BL

Tot Ion: 99 Resp: 2033906

Ion	Ratio	Lower	Upper
99	100		
42	15.2	20.0	30.0#
71	32.5	27.9	41.9



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.235 min Scan# 516

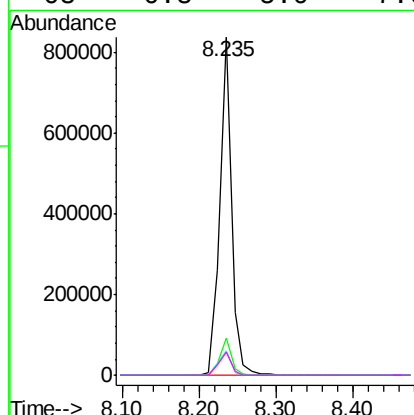
Delta R.T. -0.011 min

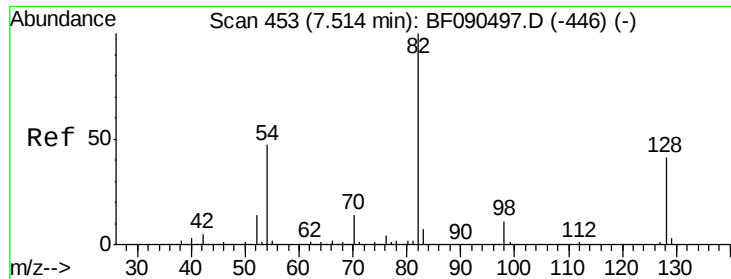
Lab File: BF090530.D

Acq: 12 Oct 2016 12:51

Tgt Ion: 136 Resp: 895297

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.6
54	7.3	6.6	10.0
68	6.8	5.0	7.6

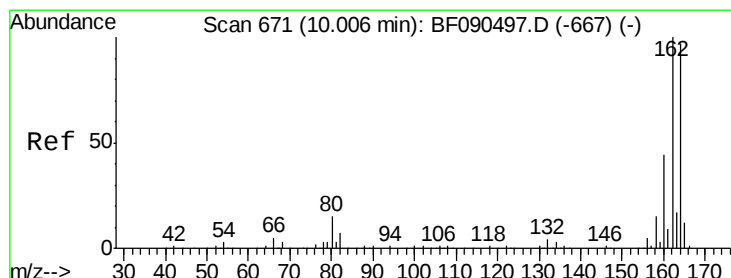
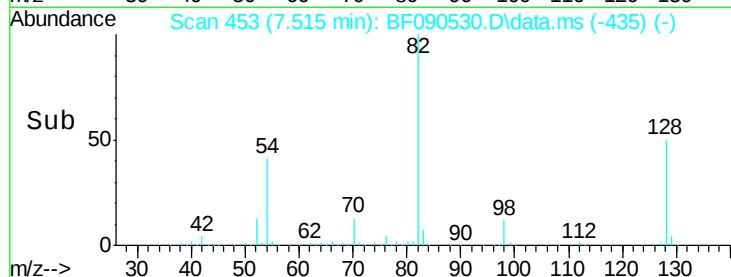
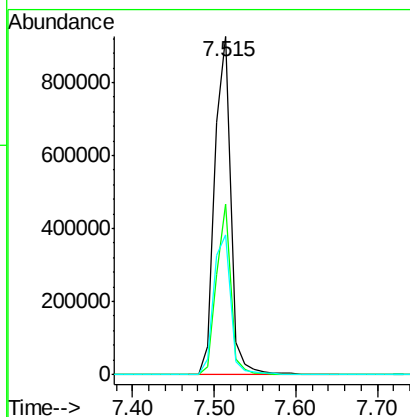
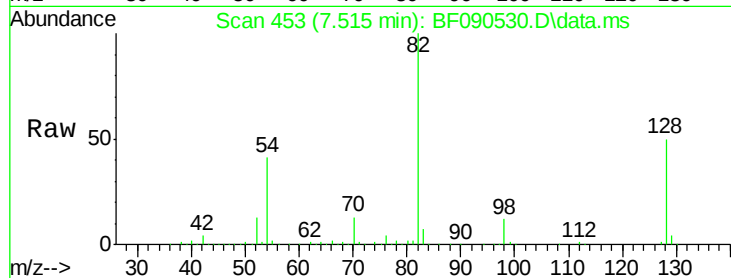




#23
 Nitrobenzene-d5
 Concen: 76.87 ng
 RT: 7.515 min Scan# 45
 Delta R.T. 0.000 min
 Lab File: BF090530.D
 Acq: 12 Oct 2016 12:51

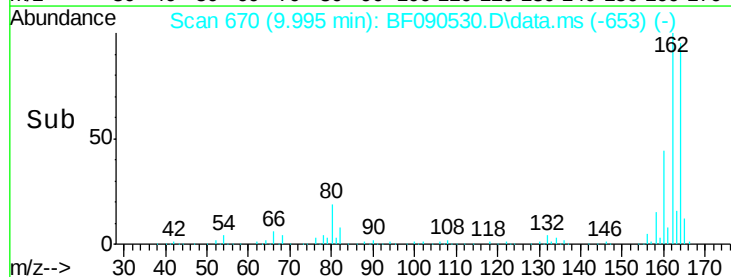
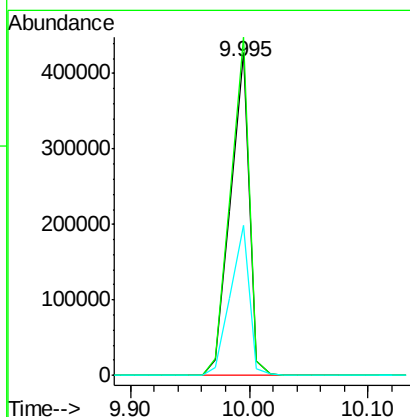
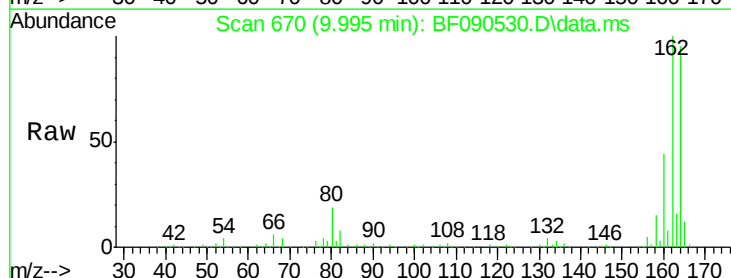
Instrument :
 BNA_F
 ClientSampleId :
 PB93973BL

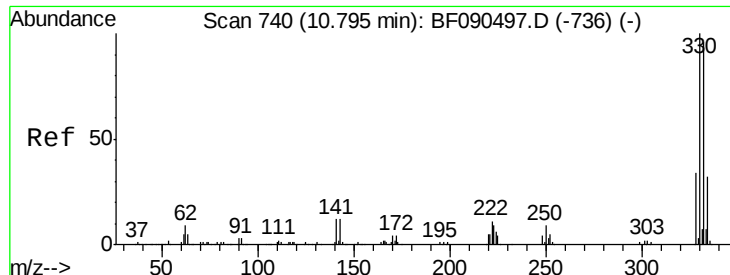
Tot Ion: 82 Resp: 1268887
 Ion Ratio Lower Upper
 82 100
 128 50.3 40.0 60.0
 54 41.2 42.6 64.0#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.995 min Scan# 670
 Delta R.T. -0.011 min
 Lab File: BF090530.D
 Acq: 12 Oct 2016 12:51

Tgt Ion: 164 Resp: 472741
 Ion Ratio Lower Upper
 164 100
 162 104.8 80.1 120.1
 160 46.5 36.3 54.5

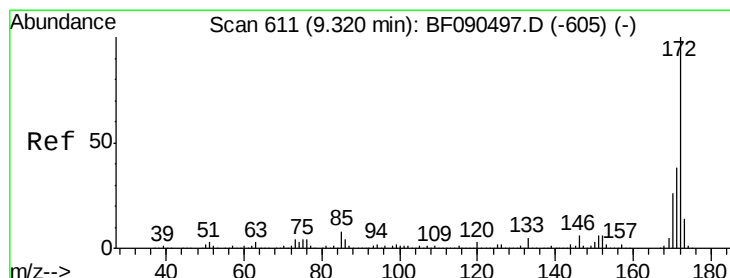
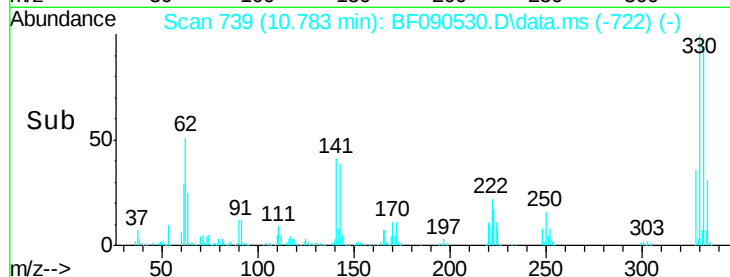
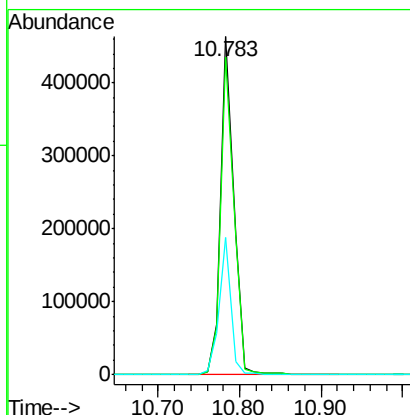
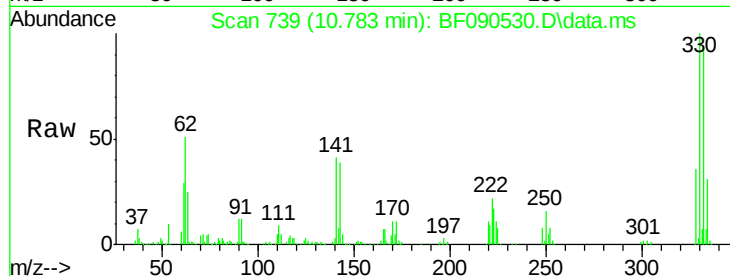




#41
 2,4,6-Tribromophenol
 Concen: 109.61 ng
 RT: 10.783 min Scan# 73
 Delta R.T. -0.011 min
 Lab File: BF090530.D
 Acq: 12 Oct 2016 12:51

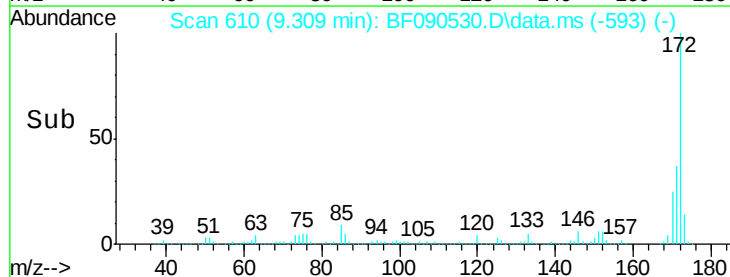
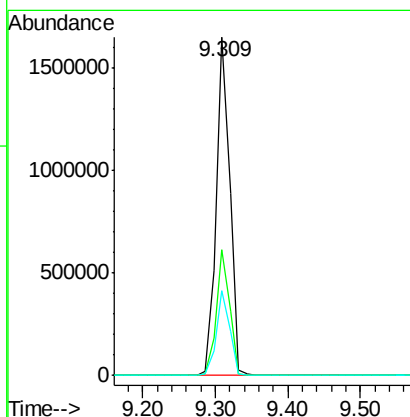
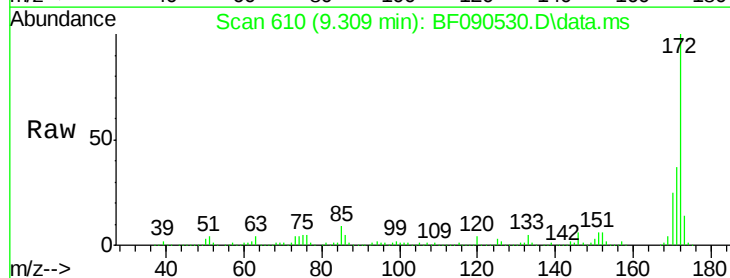
Instrument :
 BNA_F
 ClientSampleId :
 PB93973BL

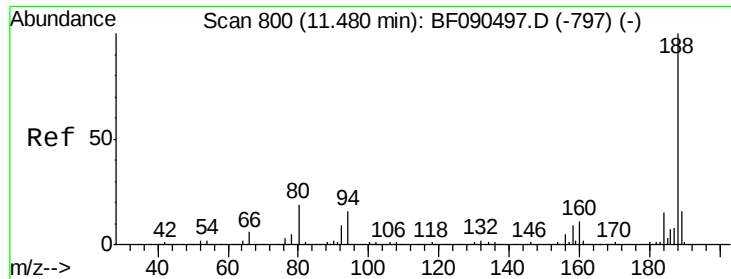
Tot Ion:330 Resp: 513628
 Ion Ratio Lower Upper
 330 100
 332 95.2 75.4 113.0
 141 36.7 26.9 40.3



#44
 2-Fluorobiphenyl
 Concen: 76.25 ng
 RT: 9.309 min Scan# 610
 Delta R.T. -0.011 min
 Lab File: BF090530.D
 Acq: 12 Oct 2016 12:51

Tgt Ion:172 Resp: 2144901
 Ion Ratio Lower Upper
 172 100
 171 37.1 31.8 47.8
 170 25.2 21.7 32.5

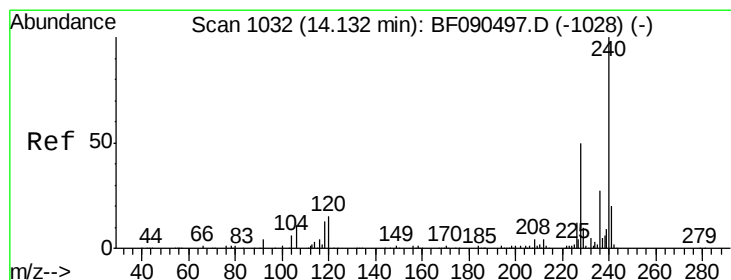
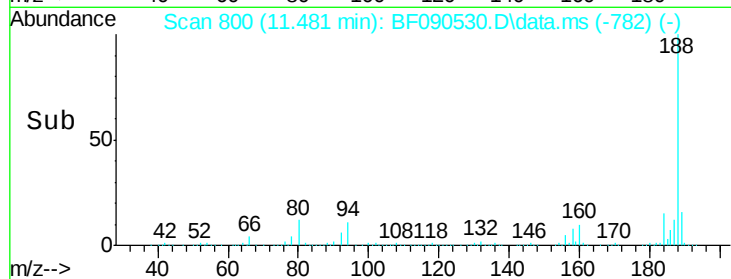
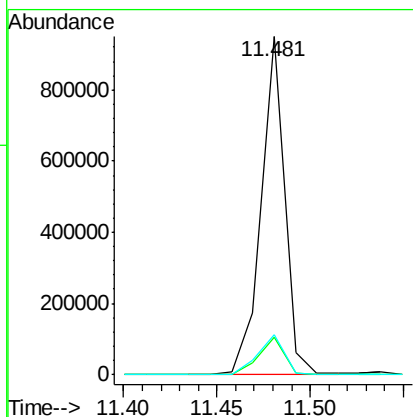
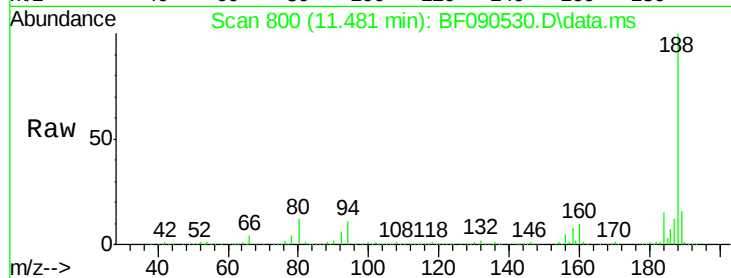




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.481 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF090530.D
Acq: 12 Oct 2016 12:51

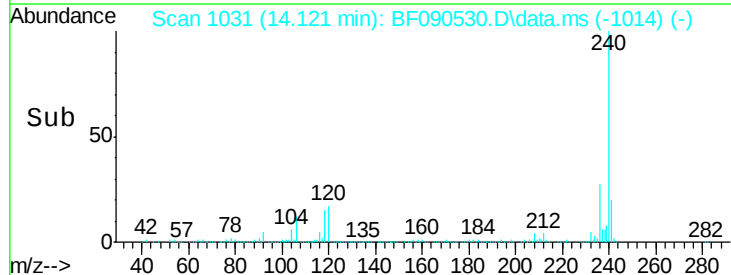
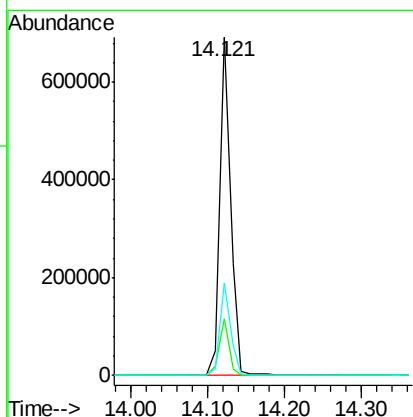
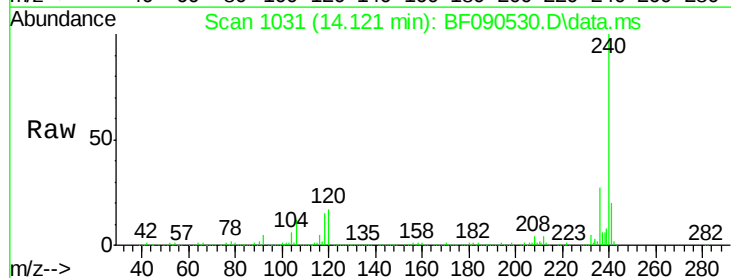
Instrument :
BNA_F
ClientSampleId :
PB93973BL

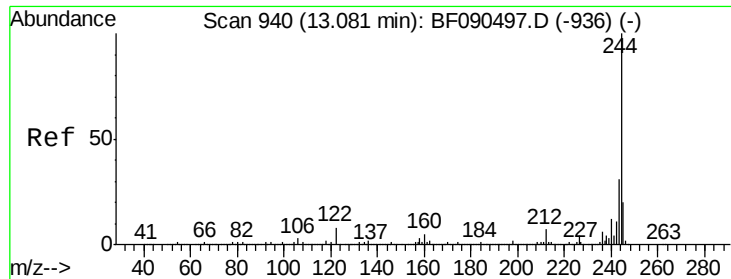
Tot Ion	Ratio	Lower	Upper
188	100		
94	10.9	8.2	12.2
80	11.8	8.8	13.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.121 min Scan# 1031
Delta R.T. -0.011 min
Lab File: BF090530.D
Acq: 12 Oct 2016 12:51

Tgt Ion	Ratio	Lower	Upper
240	100		
120	16.6	8.6	13.0#
236	27.2	21.6	32.4





#78

Terphenyl-d14

Concen: 81.27 ng

RT: 13.069 min Scan# 93

Delta R.T. -0.011 min

Lab File: BF090530.D

Acq: 12 Oct 2016 12:51

Instrument :

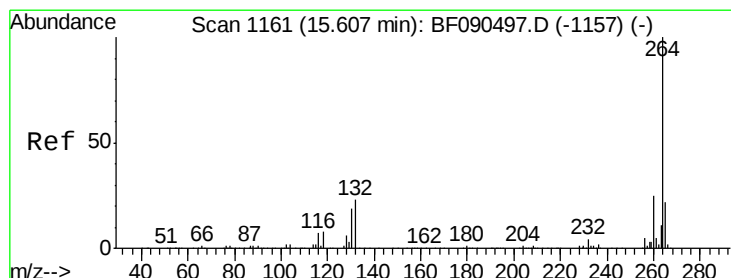
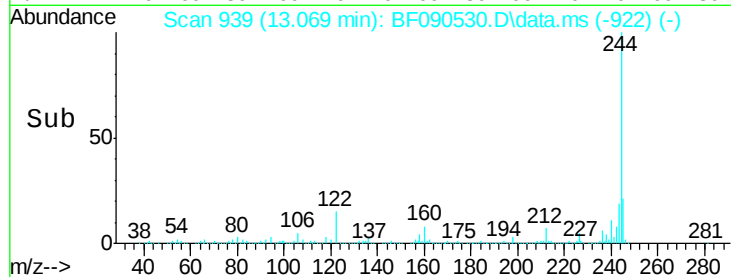
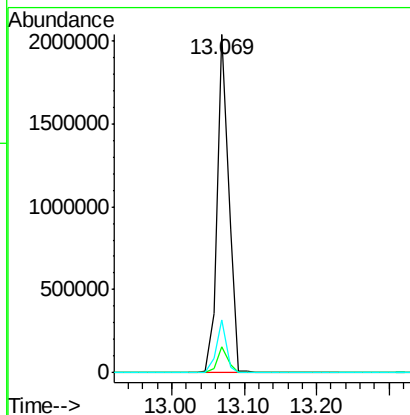
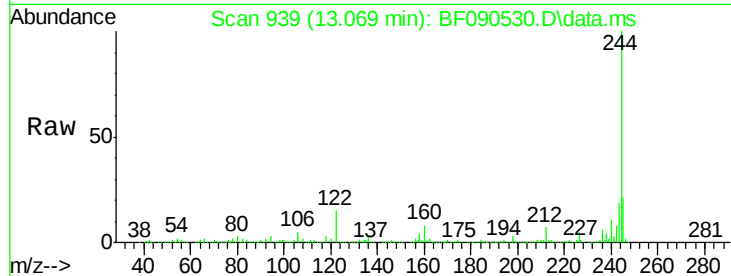
BNA_F

ClientSampleId :

PB93973BL

Tot Ion:244 Resp: 2264908

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.8	10.2
122	15.4	13.3	19.9



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.595 min Scan# 1160

Delta R.T. -0.011 min

Lab File: BF090530.D

Acq: 12 Oct 2016 12:51

Tgt Ion:264 Resp: 572402

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.3	28.9
265	22.1	17.4	26.0

