

Data Path : Z:\HPCHEM1\BNA F\Data\BF101216\
 Data File : BF090533.D
 Acq On : 12 Oct 2016 14:12
 Operator : UM/SJ
 Sample : PB93974BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB93974BL

Quant Time: Oct 12 15:51:15 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	6.954	152	168031	20.00	ng	0.00
21) Naphthalene-d8	8.235	136	717959	20.00	ng	-0.01
38) Acenaphthene-d10	9.995	164	373579	20.00	ng	-0.01
63) Phenanthrene-d10	11.481	188	667721	20.00	ng	0.00
75) Chrysene-d12	14.121	240	620950	20.00	ng	-0.01
86) Perylene-d12	15.595	264	456642	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.571	112	1168415	108.18	ng	0.01
7) Phenol-d6	6.589	99	1566819	114.96	ng	0.00
23) Nitrobenzene-d5	7.514	82	931757	70.39	ng	0.00
41) 2,4,6-Tribromophenol	10.783	330	452066	122.07	ng	-0.01
44) 2-Fluorobiphenyl	9.309	172	1791986	80.61	ng	-0.01
78) Terphenyl-d14	13.069	244	2037560	80.19	ng	-0.01

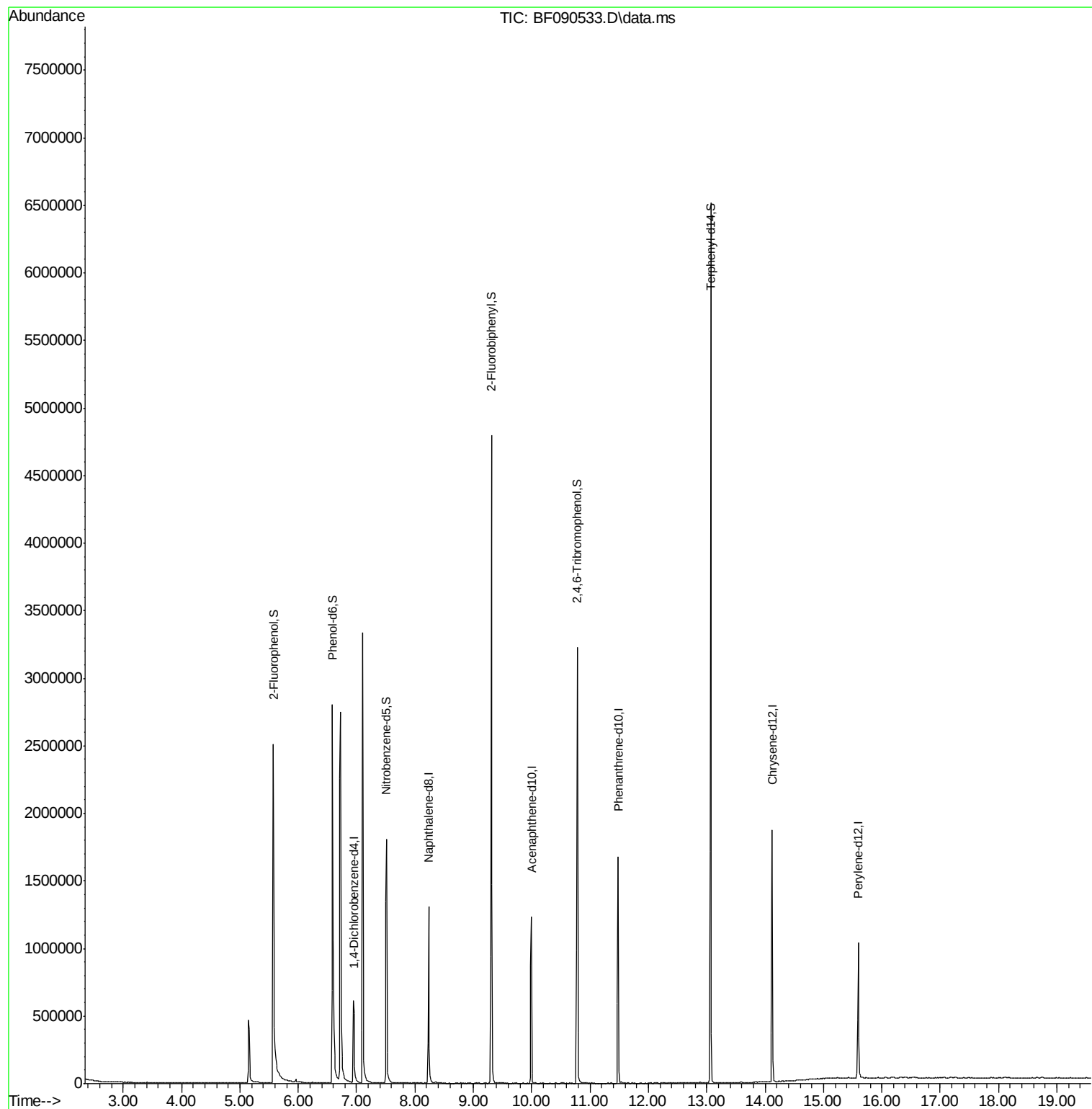
Target Compounds	Qvalue
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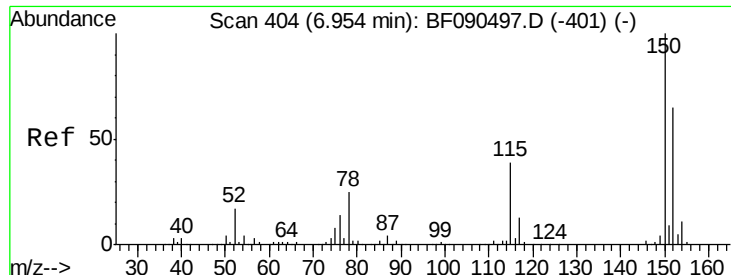
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.954 min Scan# 40

Delta R.T. 0.000 min

Lab File: BF090533.D

Acq: 12 Oct 2016 14:12

Instrument :

BNA_F

ClientSampleId :

PB93974BL

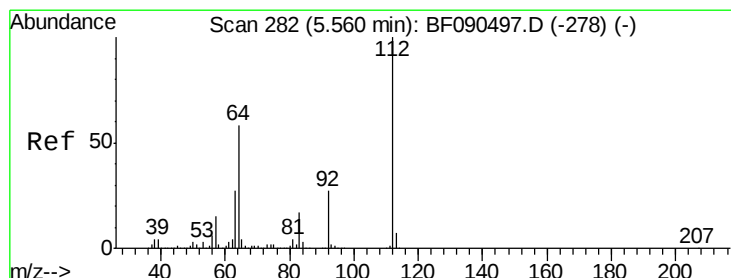
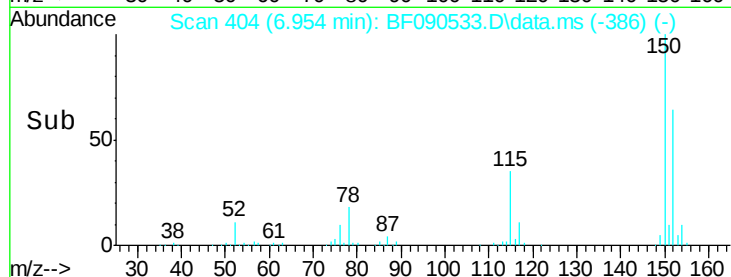
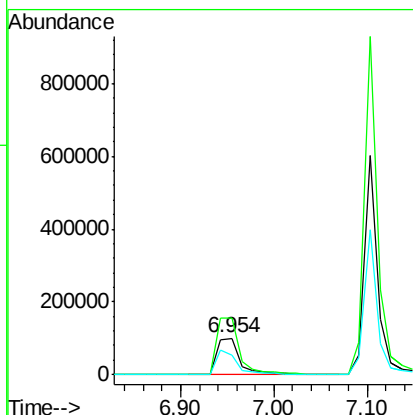
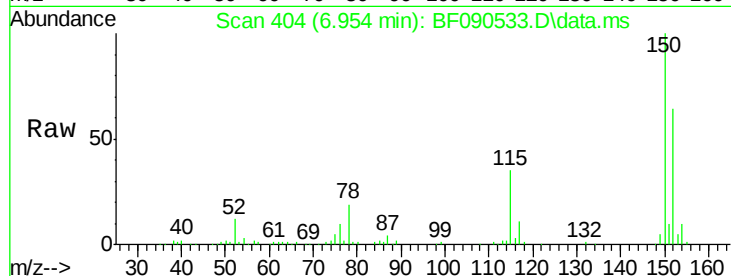
Tot Ion:152 Resp: 168031

Ion Ratio Lower Upper

152 100

150 155.5 124.6 186.8

115 53.9 46.2 69.4



#5

2-Fluorophenol

Concen: 108.18 ng

RT: 5.571 min Scan# 283

Delta R.T. 0.012 min

Lab File: BF090533.D

Acq: 12 Oct 2016 14:12

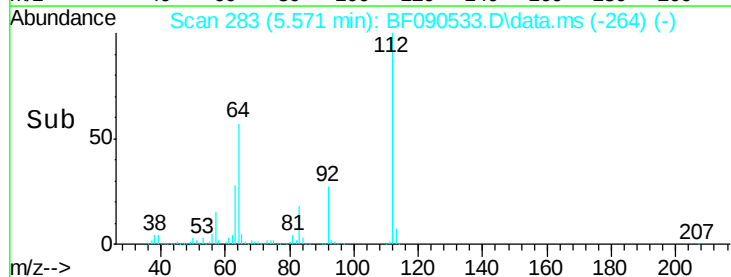
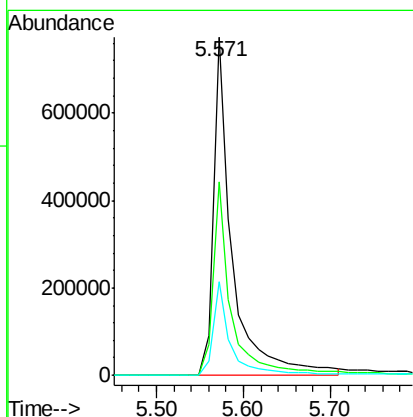
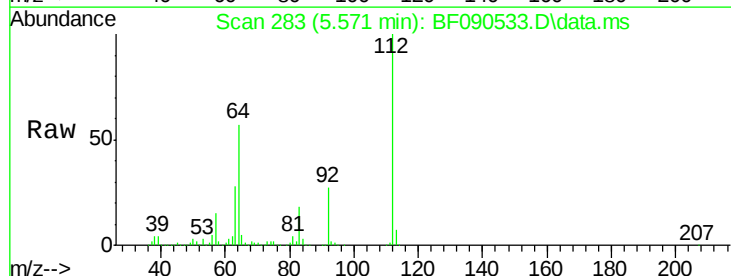
Tgt Ion:112 Resp: 1168415

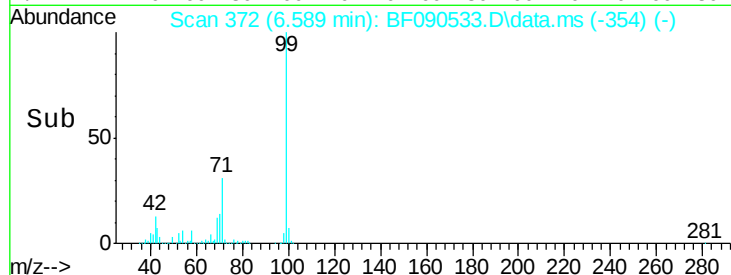
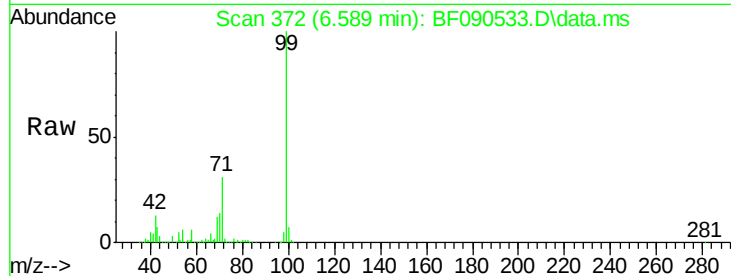
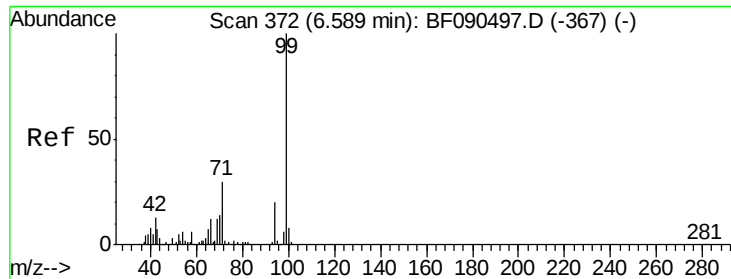
Ion Ratio Lower Upper

112 100

64 57.2 57.9 86.9#

63 27.8 29.6 44.4#





#7

Phenol-d6

Concen: 114.96 ng

RT: 6.589 min Scan# 37

Delta R.T. 0.000 min

Lab File: BF090533.D

Acq: 12 Oct 2016 14:12

Instrument :

BNA_F

ClientSampleId :

PB93974BL

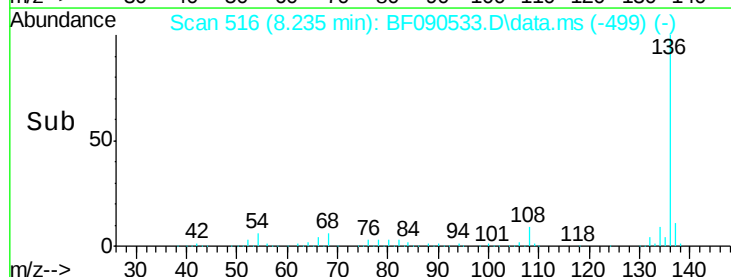
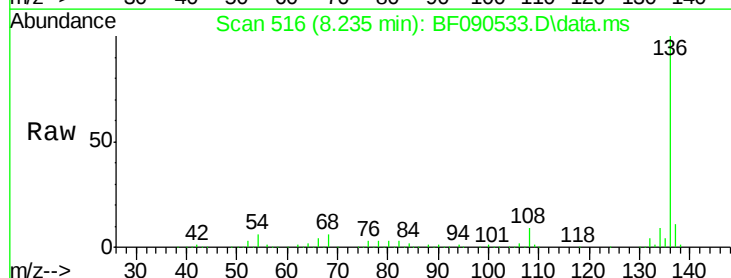
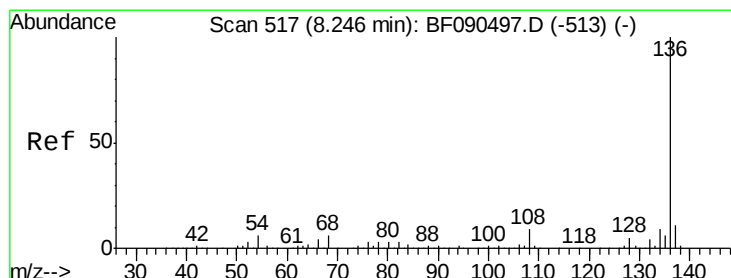
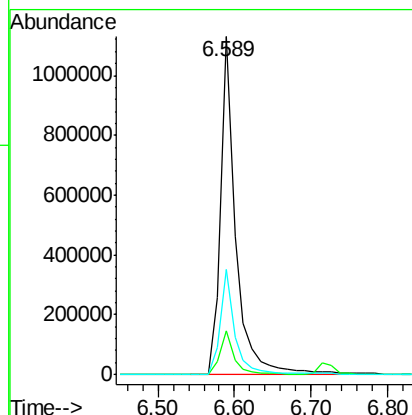
Tot Ion: 99 Resp: 1566819

Ion Ratio Lower Upper

99 100

42 13.0 20.0 30.0#

71 31.3 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: BF090533.D

Acq: 12 Oct 2016 14:12

Tgt Ion: 136 Resp: 717959

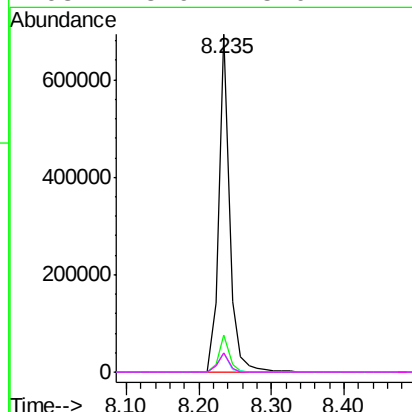
Ion Ratio Lower Upper

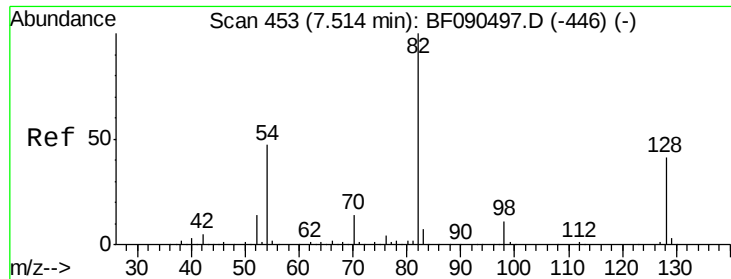
136 100

137 11.0 9.0 13.6

54 5.9 6.6 10.0#

68 5.9 5.0 7.6





#23

Nitrobenzene-d5

Concen: 70.39 ng

RT: 7.514 min Scan# 45

Delta R.T. 0.000 min

Lab File: BF090533.D

Acq: 12 Oct 2016 14:12

Instrument :

BNA_F

ClientSampleId :

PB93974BL

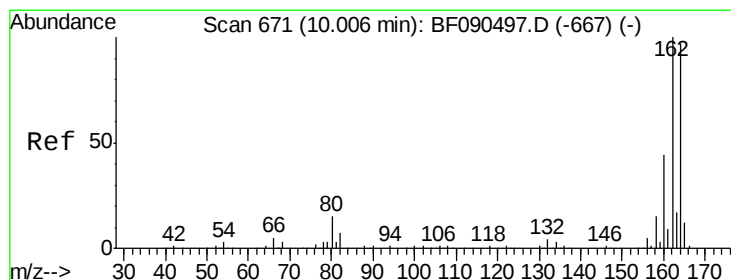
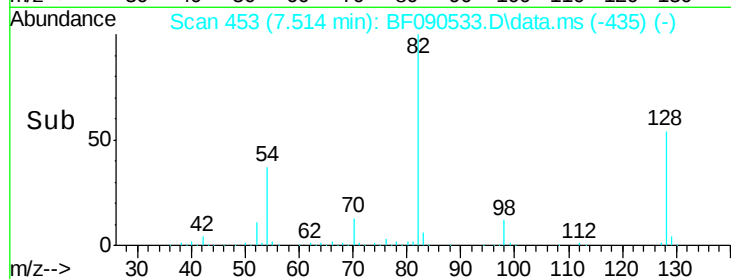
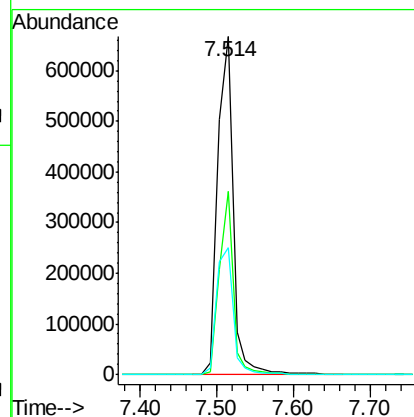
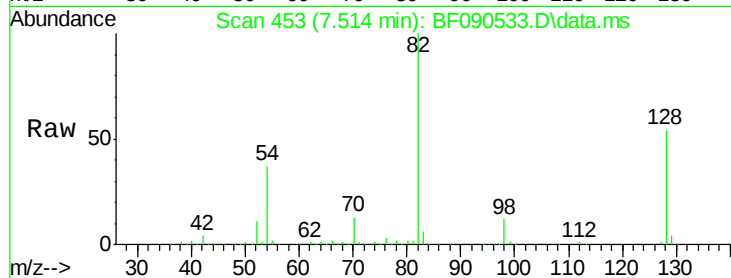
Tot Ion: 82 Resp: 931757

Ion Ratio Lower Upper

82 100

128 54.1 40.0 60.0

54 37.4 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: BF090533.D

Acq: 12 Oct 2016 14:12

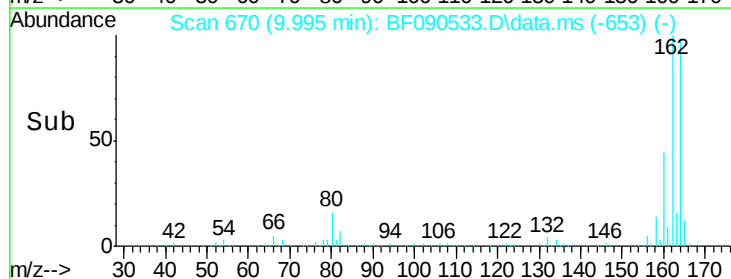
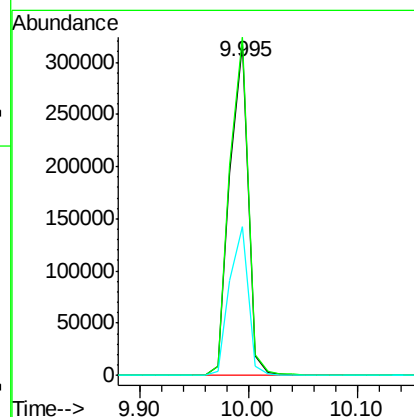
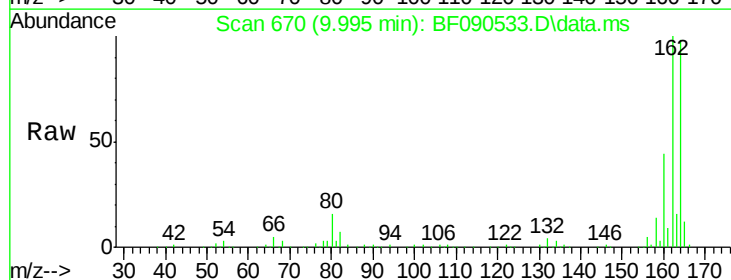
Tgt Ion:164 Resp: 373579

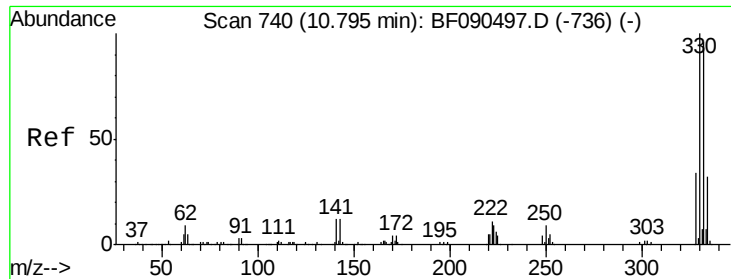
Ion Ratio Lower Upper

164 100

162 101.9 80.1 120.1

160 44.8 36.3 54.5

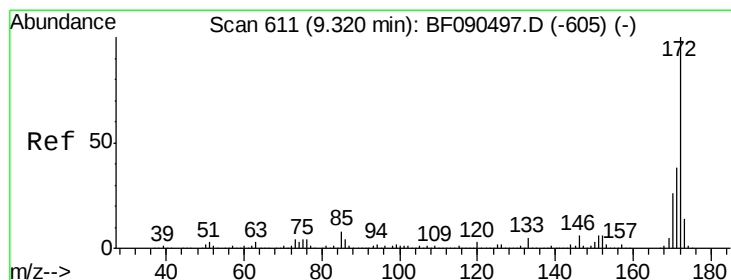
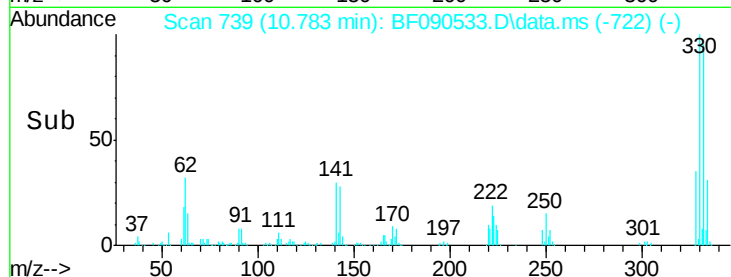
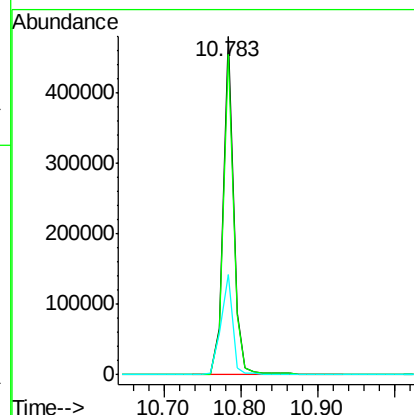
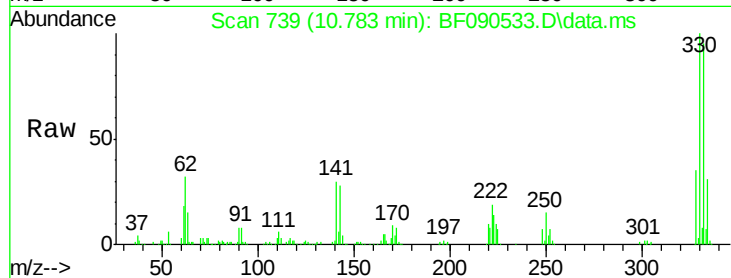




#41
 2,4,6-Tribromophenol
 Concen: 122.07 ng
 RT: 10.783 min Scan# 73
 Delta R.T. -0.011 min
 Lab File: BF090533.D
 Acq: 12 Oct 2016 14:12

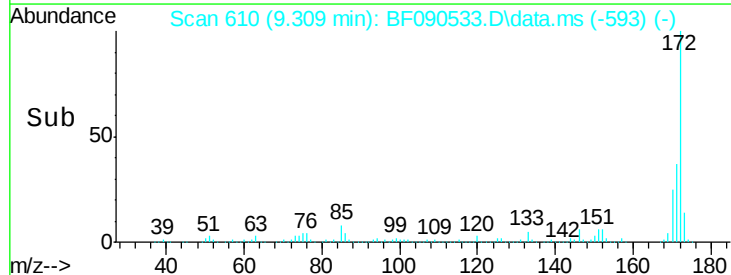
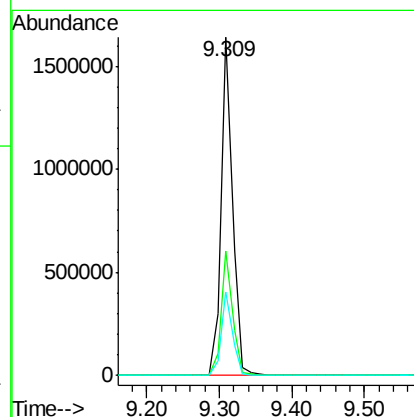
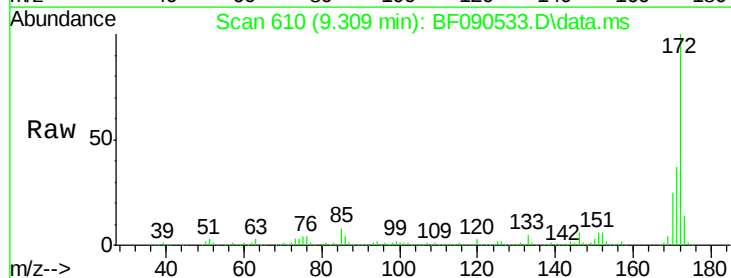
Instrument :
 BNA_F
 ClientSampleId :
 PB93974BL

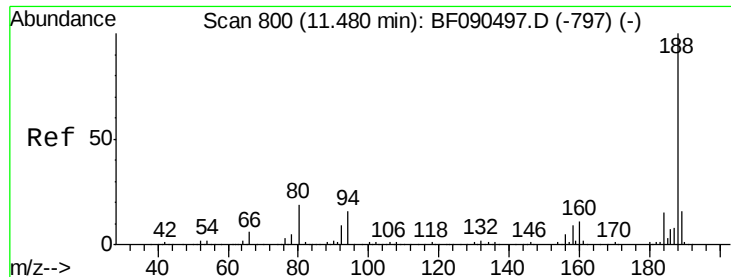
Tot Ion:330 Resp: 452066
 Ion Ratio Lower Upper
 330 100
 332 95.0 75.4 113.0
 141 33.0 26.9 40.3



#44
 2-Fluorobiphenyl
 Concen: 80.61 ng
 RT: 9.309 min Scan# 610
 Delta R.T. -0.011 min
 Lab File: BF090533.D
 Acq: 12 Oct 2016 14:12

Tgt Ion:172 Resp: 1791986
 Ion Ratio Lower Upper
 172 100
 171 36.7 31.8 47.8
 170 24.5 21.7 32.5

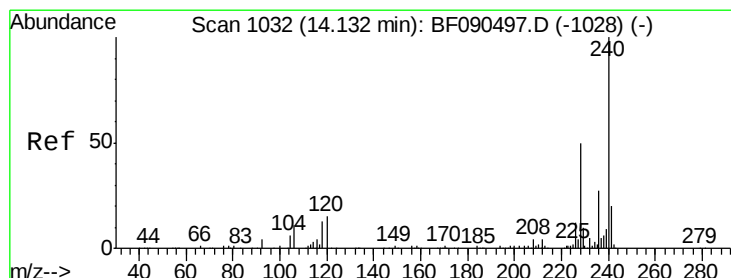
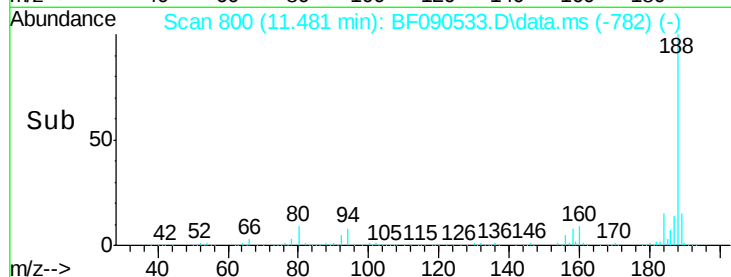
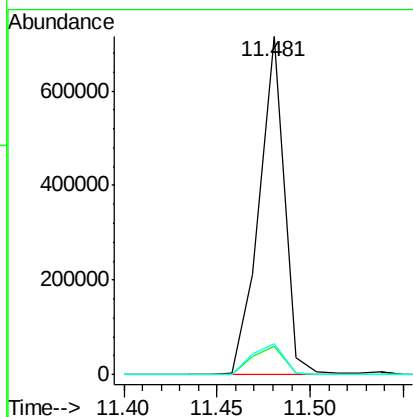
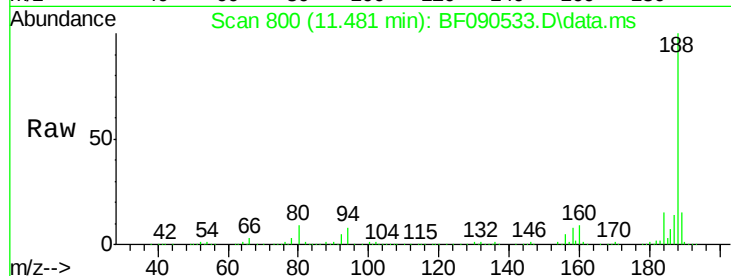




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.481 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF090533.D
Acq: 12 Oct 2016 14:12

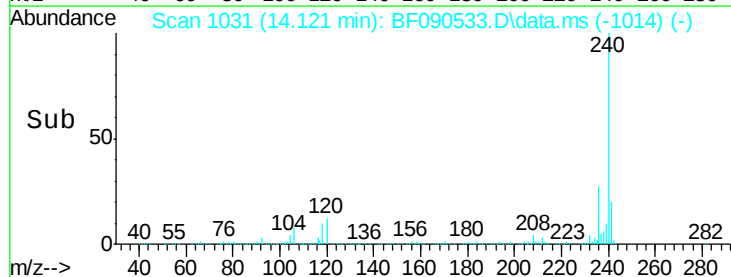
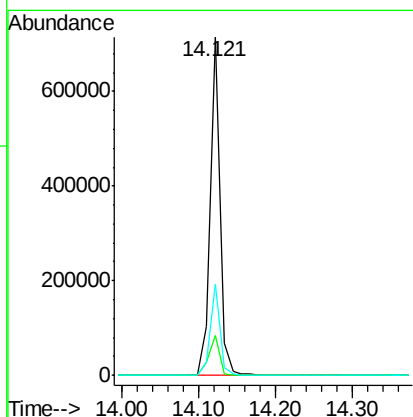
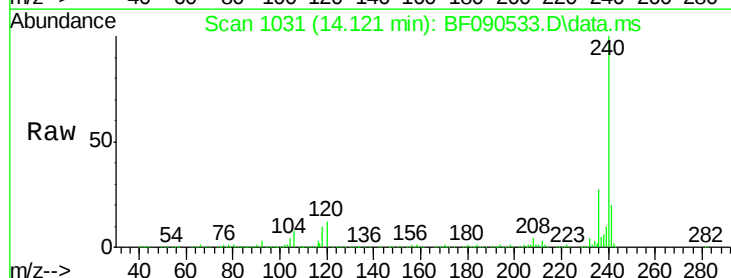
Instrument :
BNA_F
ClientSampleId :
PB93974BL

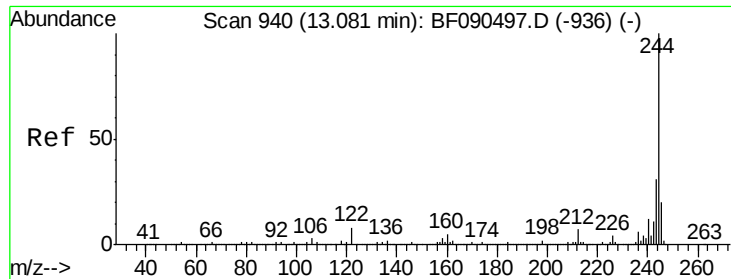
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.4	8.2	12.2
80	9.1	8.8	13.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.121 min Scan# 1031
Delta R.T. -0.011 min
Lab File: BF090533.D
Acq: 12 Oct 2016 14:12

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.7	8.6	13.0
236	26.8	21.6	32.4





#78

Terphenyl-d14

Concen: 80.19 ng

RT: 13.069 min Scan# 93

Delta R.T. -0.011 min

Lab File: BF090533.D

Acq: 12 Oct 2016 14:12

Instrument :

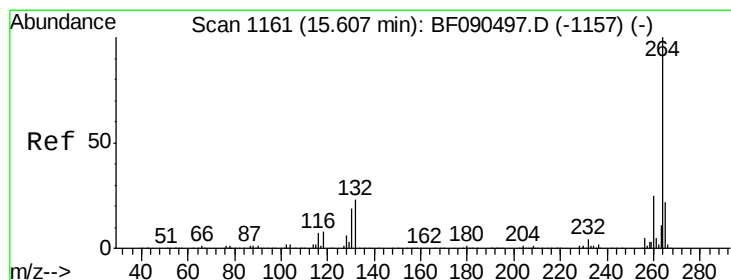
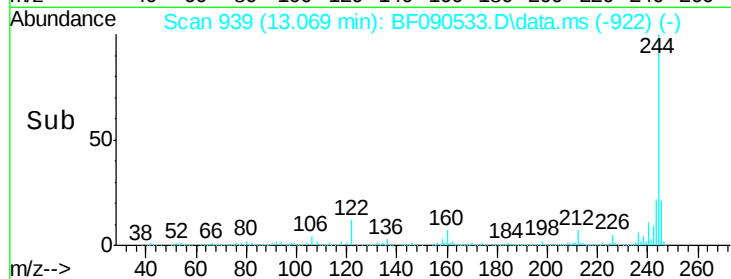
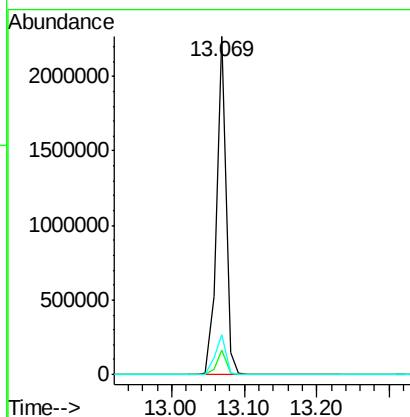
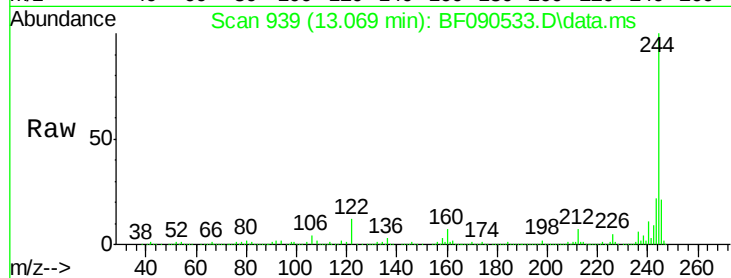
BNA_F

ClientSampleId :

PB93974BL

Tot Ion:244 Resp: 2037560

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.8	10.2
122	11.7	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: BF090533.D

Acq: 12 Oct 2016 14:12

Tgt Ion:264 Resp: 456642

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.3	28.9
265	21.2	17.4	26.0

