

Data Path : Z:\HPCHEM1\BNA F\Data\BF101416\
 Data File : BF090568.D
 Acq On : 14 Oct 2016 14:17
 Operator : UM/SJ
 Sample : H5180-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

Quant Time: Oct 14 15:13:15 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 14 02:03:28 2016
 Response via : Initial Calibration

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

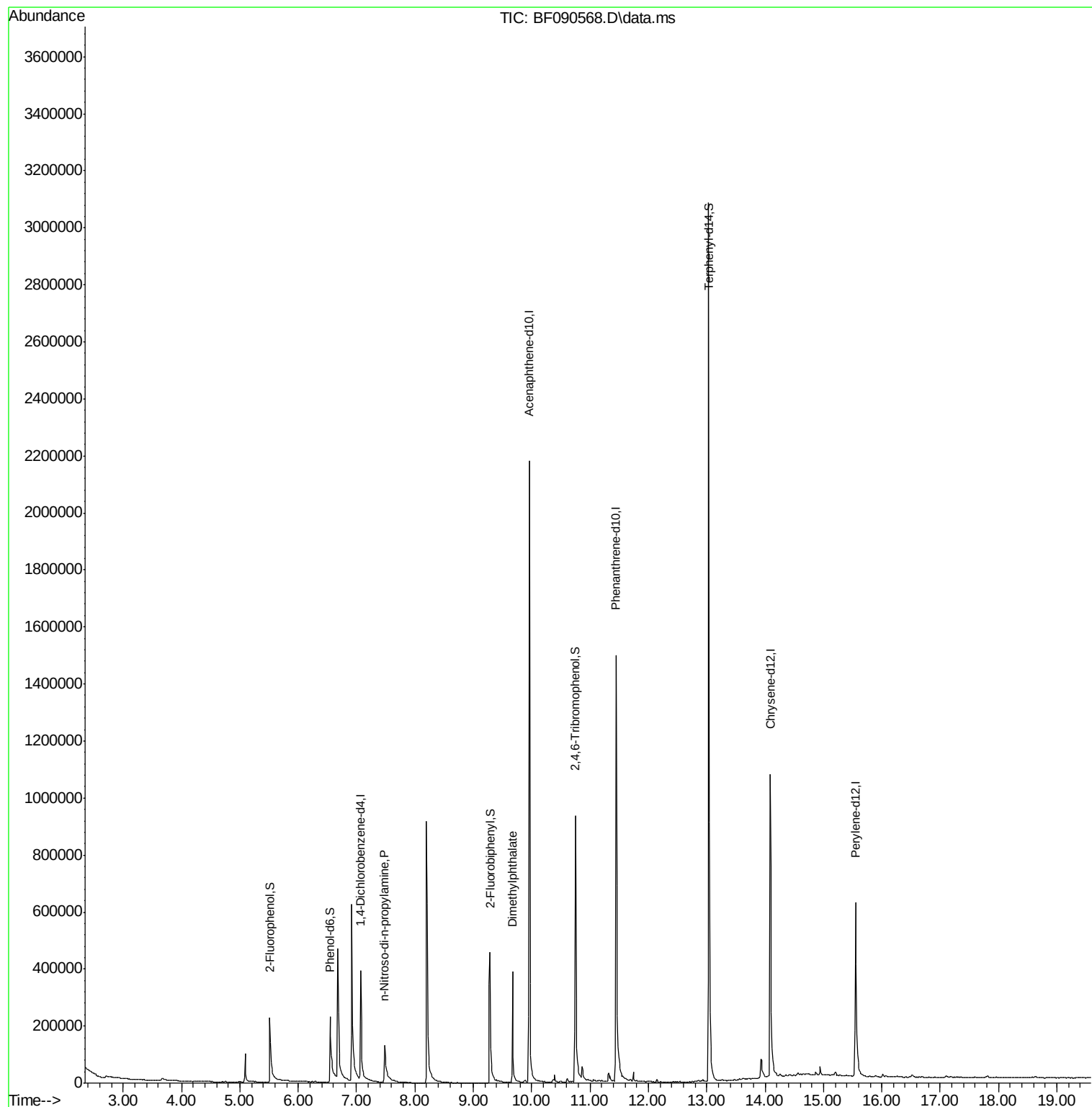
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.069	152	72238	20.00	ng	0.15
21) Naphthalene-d8	0.000	136	0	0.00	ng	-8.21
38) Acenaphthene-d10	9.960	164	479301	20.00	ng	-0.01
63) Phenanthrene-d10	11.446	188	748436	20.00	ng	-0.01
75) Chrysene-d12	14.087	240	566964	20.00	ng	-0.01
86) Perylene-d12	15.550	264	366847	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.514	112	167124	42.41	ng	-0.01
7) Phenol-d6	6.543	99	267593	45.70	ng	-0.01
23) Nitrobenzene-d5	7.480	82	133994	0.00	ng	-0.01
41) 2,4,6-Tribromophenol	10.749	330	129798	30.38	ng	-0.01
44) 2-Fluorobiphenyl	9.286	172	303458	10.43	ng	0.00
78) Terphenyl-d14	13.035	244	1084831	44.55	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.480	70	17376	4.33	ng	Qvalue # 75
49) Dimethylphthalate	9.675	163	189196	6.08	ng	99

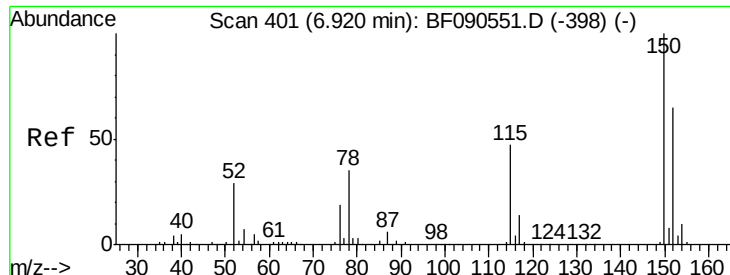
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.069 min Scan# 41

Delta R.T. 0.149 min

Lab File: BF090568.D

Acq: 14 Oct 2016 14:17

Instrument :

BNA_F

ClientSampleId :

WC-1

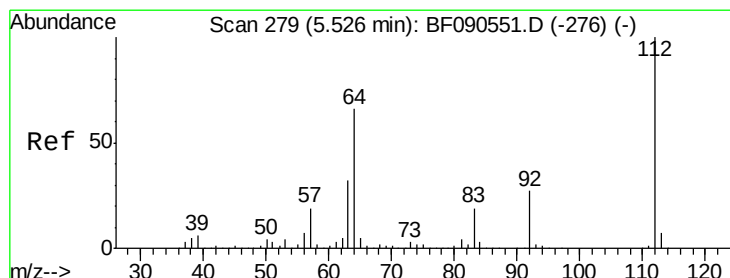
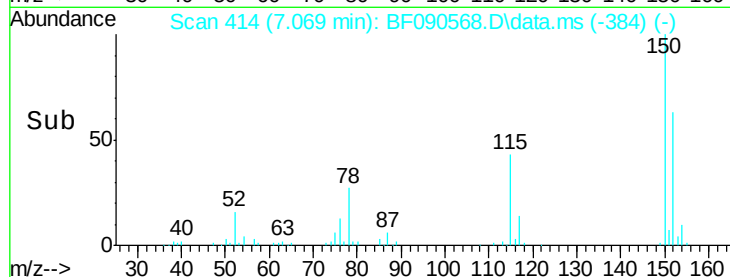
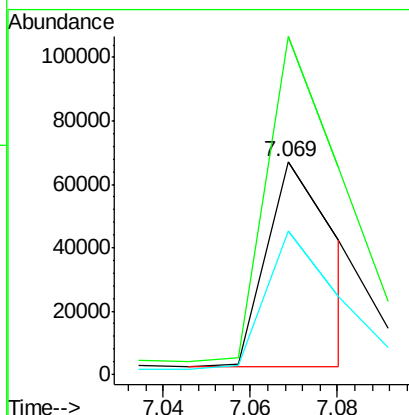
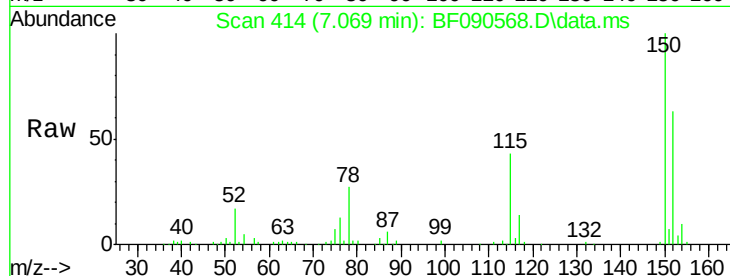
Tot Ion:152 Resp: 72238

Ion Ratio Lower Upper

152 100

150 158.6 127.2 190.8

115 67.5 58.6 88.0



#5

2-Fluorophenol

Concen: 42.41 ng

RT: 5.514 min Scan# 278

Delta R.T. -0.011 min

Lab File: BF090568.D

Acq: 14 Oct 2016 14:17

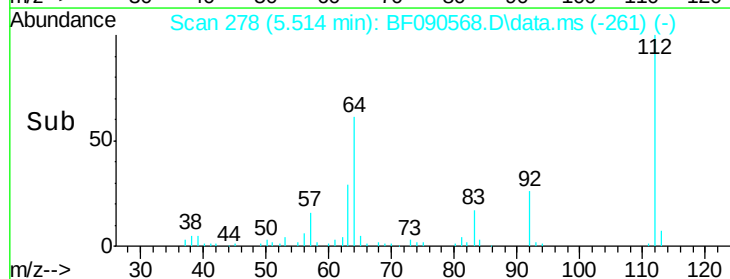
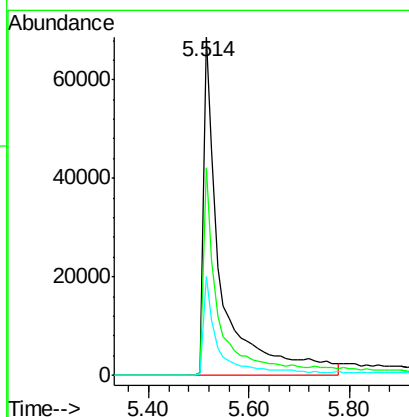
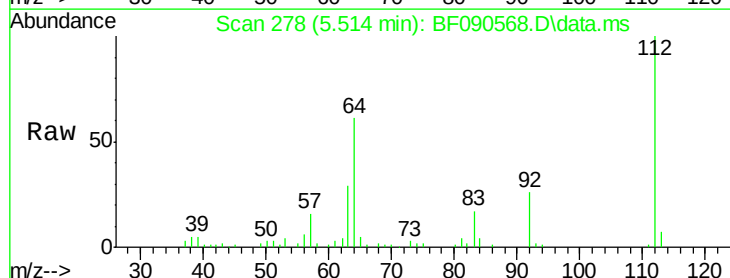
Tgt Ion:112 Resp: 167124

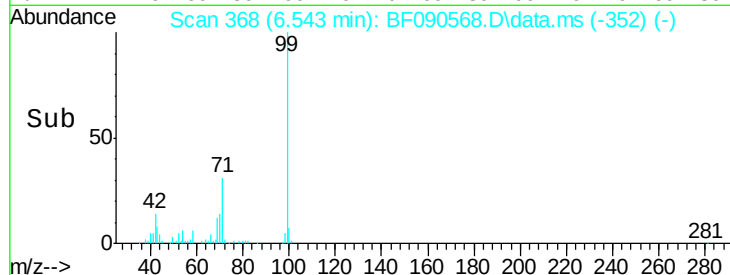
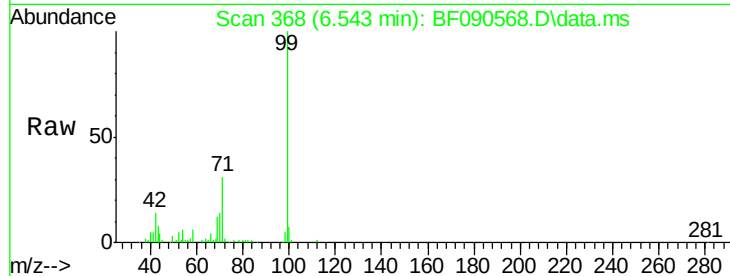
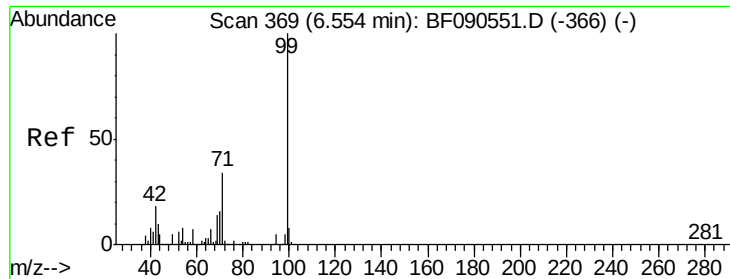
Ion Ratio Lower Upper

112 100

64 61.2 52.6 78.8

63 29.4 26.0 39.0





#7

Phenol-d6

Concen: 45.70 ng

RT: 6.543 min Scan# 36

Delta R.T. -0.011 min

Lab File: BF090568.D

Acq: 14 Oct 2016 14:17

Instrument :

BNA_F

ClientSampleId :

WC-1

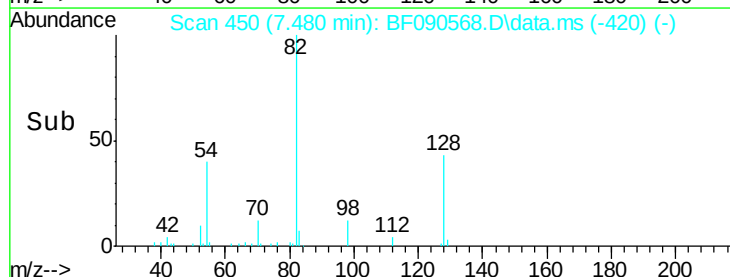
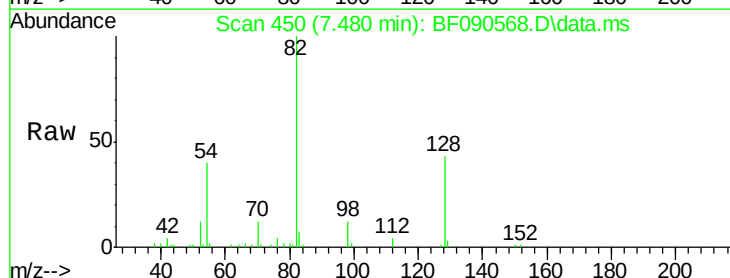
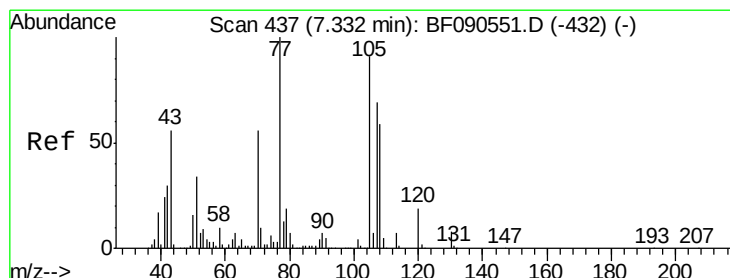
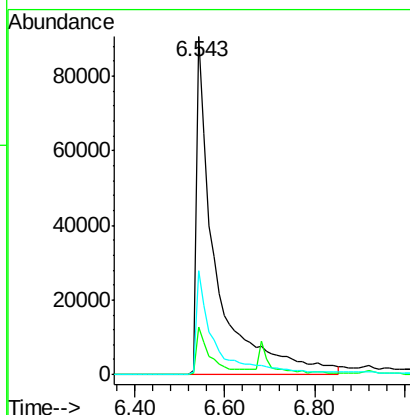
Tot Ion: 99 Resp: 267593

Ion Ratio Lower Upper

99 100

42 14.0 14.7 22.1#

71 30.7 27.6 41.4



#19

n-Nitroso-di-n-propylamine

Concen: 4.33 ng

RT: 7.480 min Scan# 450

Delta R.T. 0.149 min

Lab File: BF090568.D

Acq: 14 Oct 2016 14:17

Tgt Ion: 70 Resp: 17376

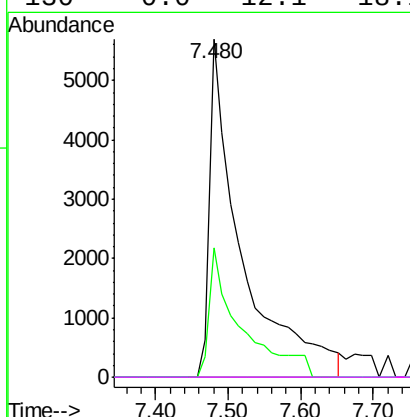
Ion Ratio Lower Upper

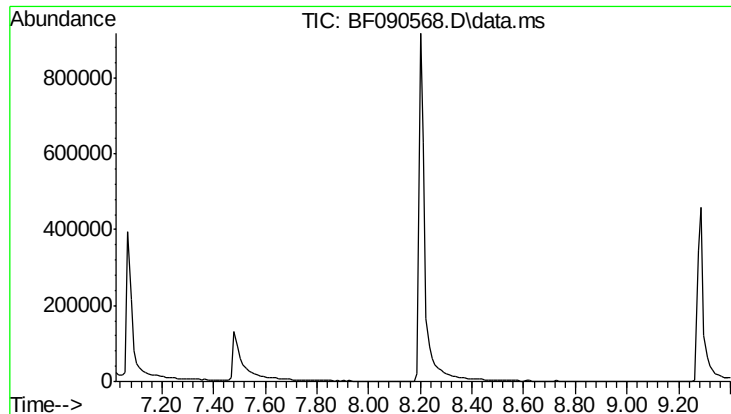
70 100

42 38.4 43.4 65.0#

101 0.0 6.4 9.6#

130 0.0 12.1 18.1#

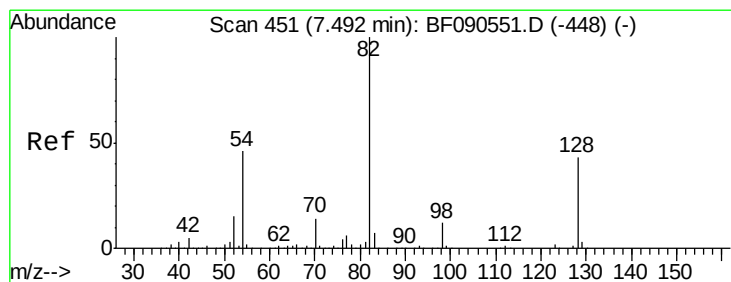
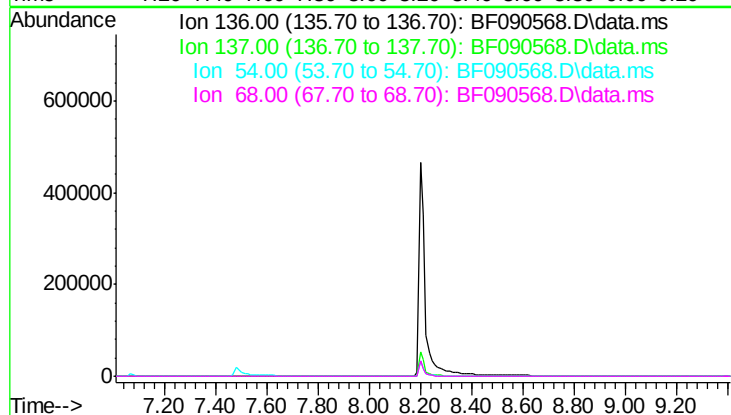




#21
Naphthalene-d8
Concen: 0.00 ng
Expected RT: 8.21 min
Lab File: BF090568.D
Acq: 14 Oct 2016 14:17

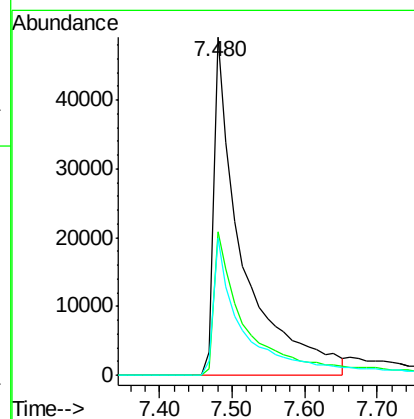
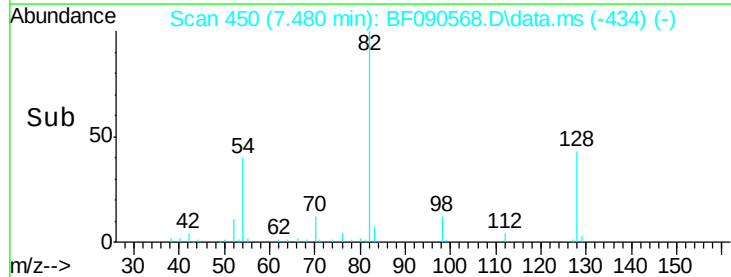
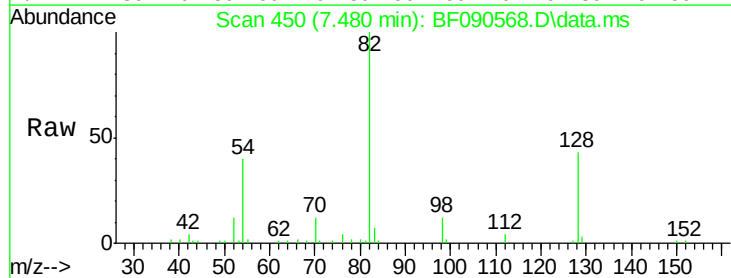
Instrument :
BNA_F
ClientSampleId :
WC-1

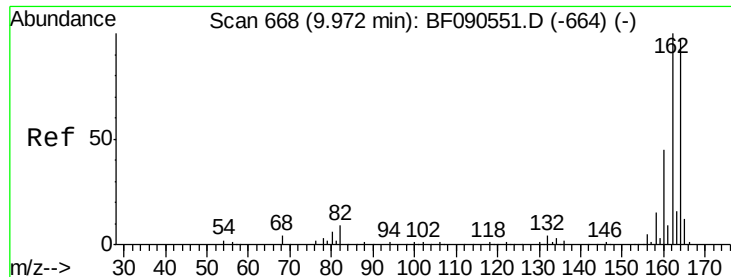
Tot Ion	136	137	54	68
Exp Ratio	100	11.0	8.5	7.5



#23
Nitrobenzene-d5
Concen: 0.00 ng
RT: 7.480 min Scan# 450
Delta R.T. -0.011 min
Lab File: BF090568.D
Acq: 14 Oct 2016 14:17

Tgt Ion	82	Resp	Lower	Upper
Ion Ratio	100			
128	42.5	34.3	51.5	
54	40.4	37.0	55.6	





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.960 min Scan# 66

Delta R.T. -0.011 min

Lab File: BF090568.D

Acq: 14 Oct 2016 14:17

Instrument :

BNA_F

ClientSampleId :

WC-1

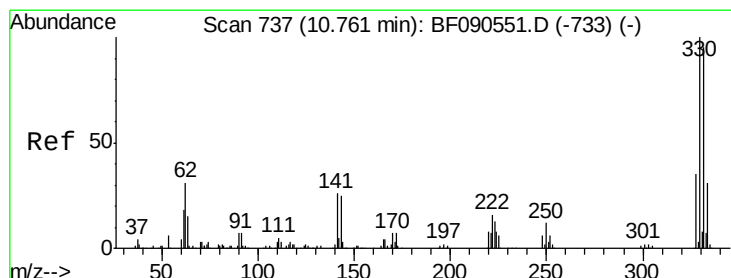
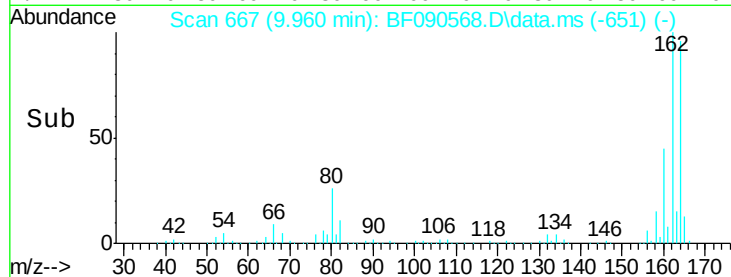
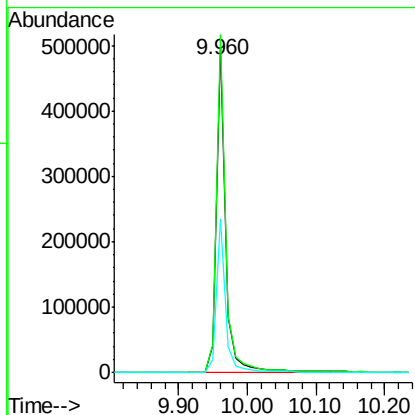
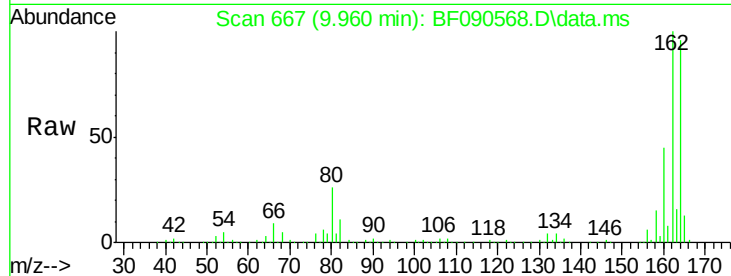
Tot Ion:164 Resp: 479301

Ion Ratio Lower Upper

164 100

162 104.2 82.2 123.4

160 47.4 36.6 55.0



#41

2,4,6-Tribromophenol

Concen: 30.38 ng

RT: 10.749 min Scan# 736

Delta R.T. -0.011 min

Lab File: BF090568.D

Acq: 14 Oct 2016 14:17

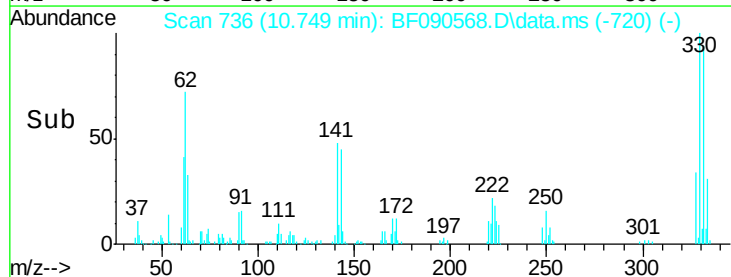
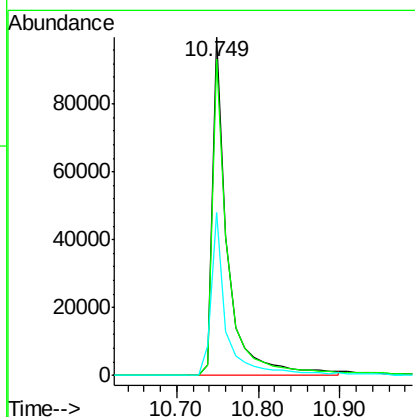
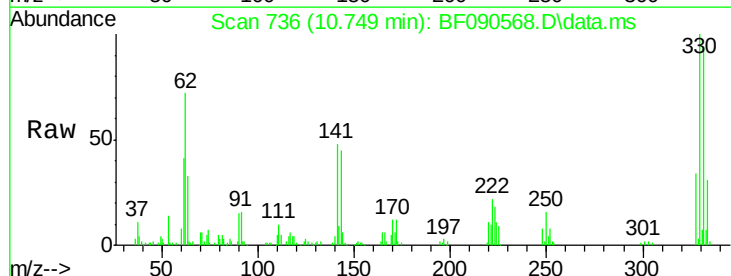
Tgt Ion:330 Resp: 129798

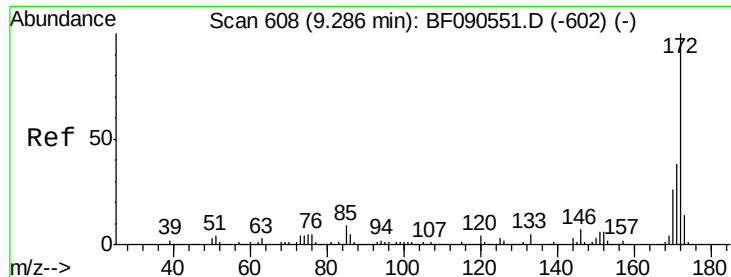
Ion Ratio Lower Upper

330 100

332 95.9 76.2 114.2

141 47.8 31.4 47.2#

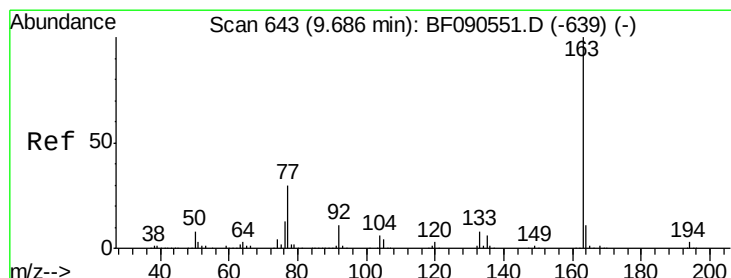
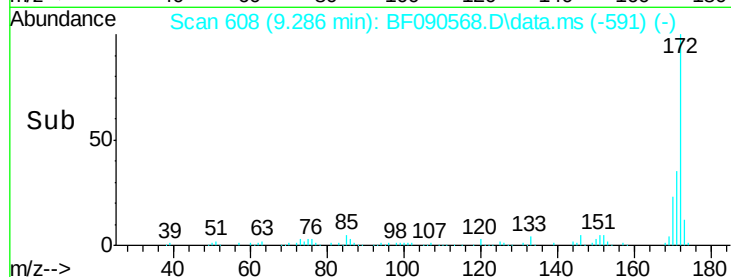
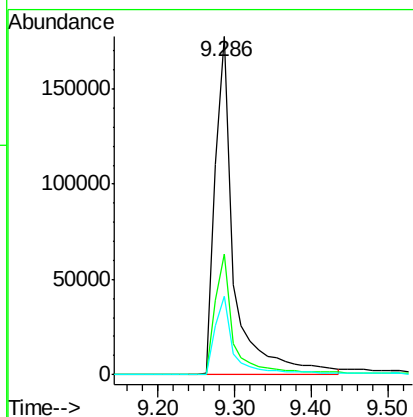
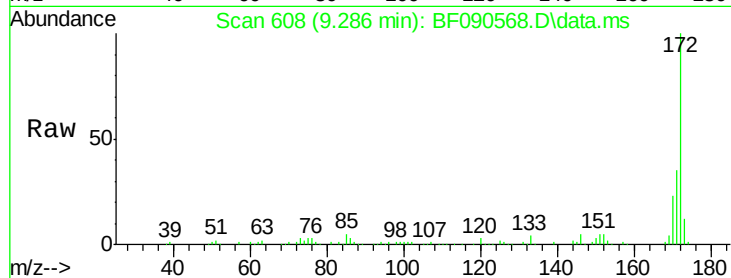




#44
2-Fluorobiphenyl
Concen: 10.43 ng
RT: 9.286 min Scan# 60
Delta R.T. -0.000 min
Lab File: BF090568.D
Acq: 14 Oct 2016 14:17

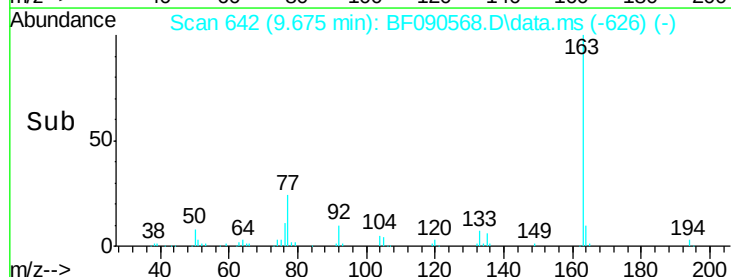
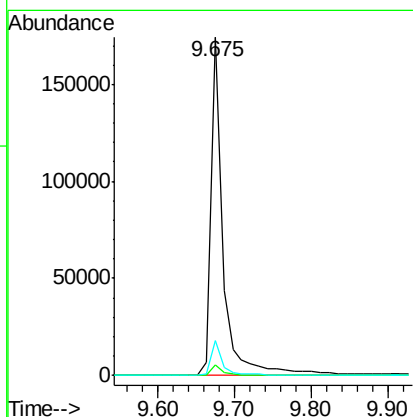
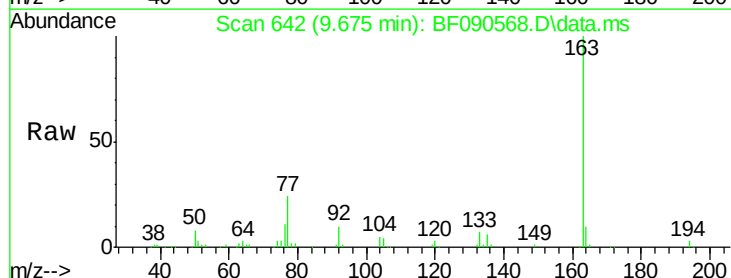
Instrument :
BNA_F
ClientSampleId :
WC-1

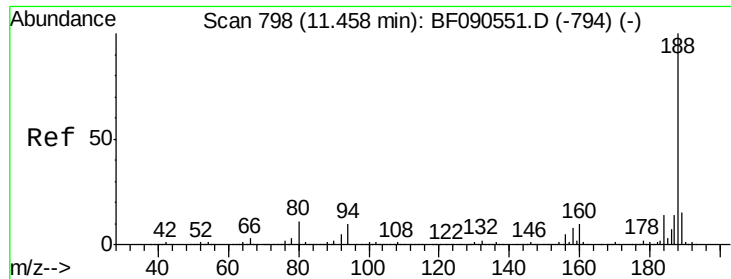
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.5	30.1	45.1
170	23.0	20.6	30.8



#49
Dimethylphthalate
Concen: 6.08 ng
RT: 9.675 min Scan# 642
Delta R.T. -0.011 min
Lab File: BF090568.D
Acq: 14 Oct 2016 14:17

Tgt Ion	Ratio	Lower	Upper
163	100		
194	2.9	2.3	3.5
164	10.2	8.6	13.0

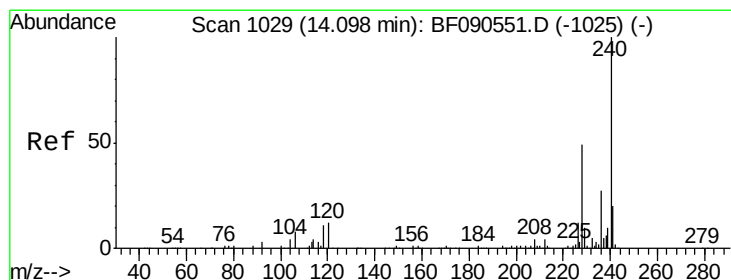
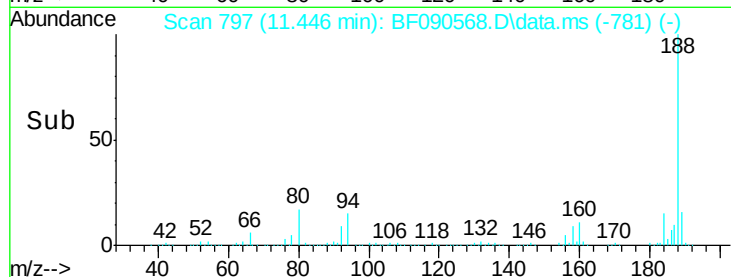
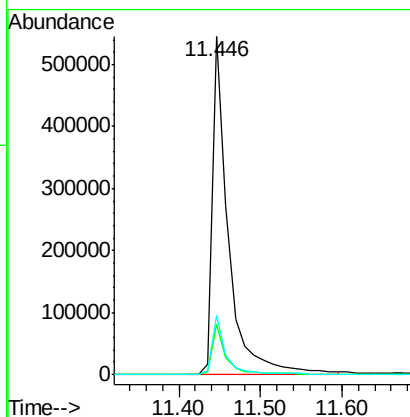
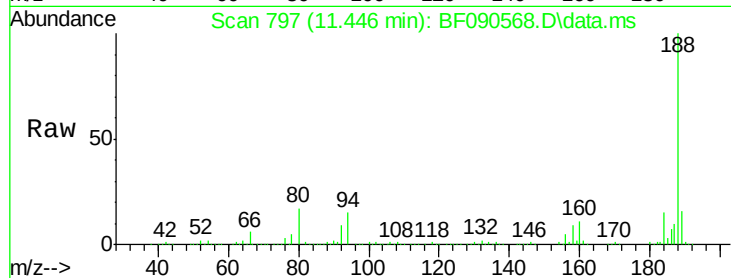




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.446 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF090568.D
Acq: 14 Oct 2016 14:17

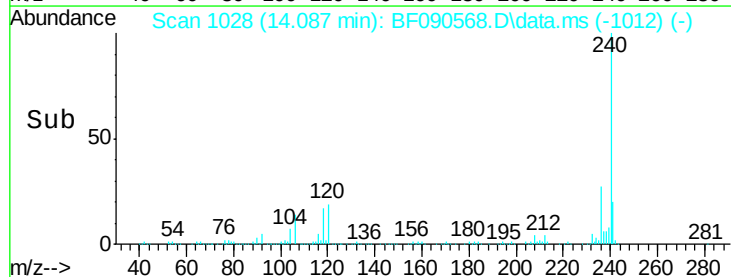
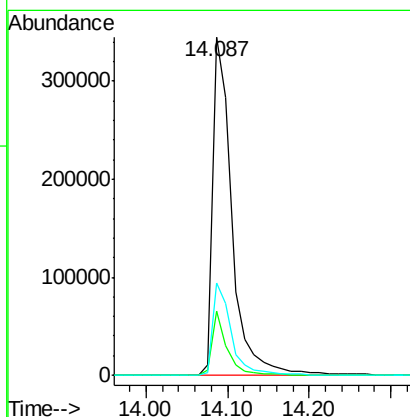
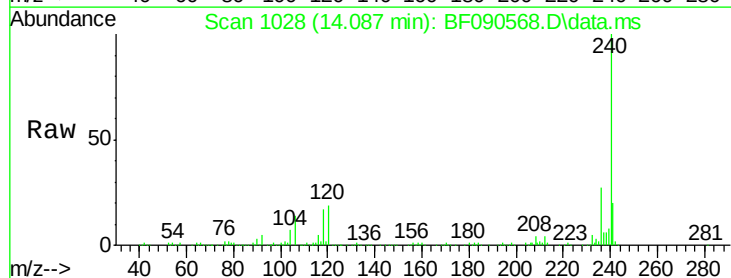
Instrument :
BNA_F
ClientSampleId :
WC-1

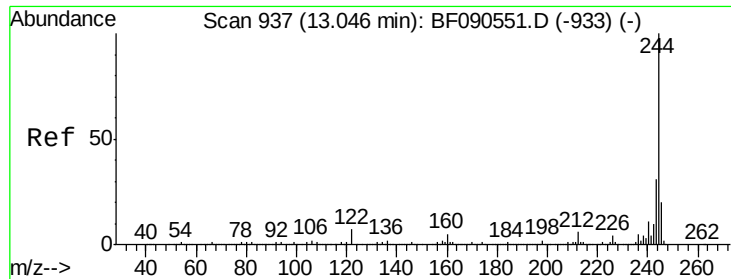
Tot Ion:188 Resp: 748436
Ion Ratio Lower Upper
188 100
94 14.8 7.7 11.5#
80 17.3 8.6 12.8#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.087 min Scan# 1028
Delta R.T. -0.011 min
Lab File: BF090568.D
Acq: 14 Oct 2016 14:17

Tgt Ion:240 Resp: 566964
Ion Ratio Lower Upper
240 100
120 19.0 9.8 14.8#
236 27.4 21.7 32.5





#78

Terphenyl-d14

Concen: 44.55 ng

RT: 13.035 min Scan# 93

Delta R.T. -0.011 min

Lab File: BF090568.D

Acq: 14 Oct 2016 14:17

Instrument :

BNA_F

ClientSampleId :

WC-1

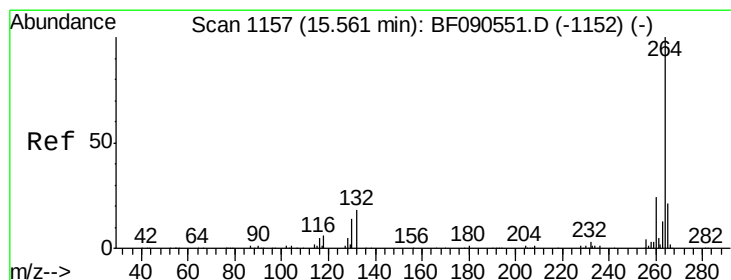
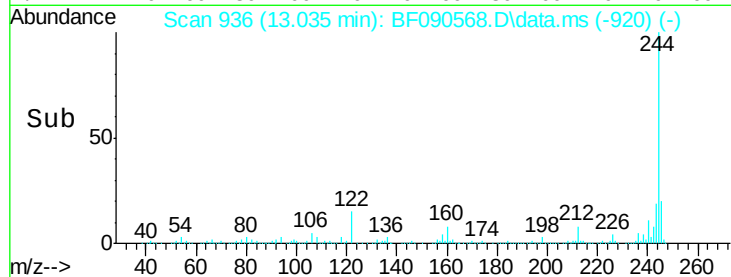
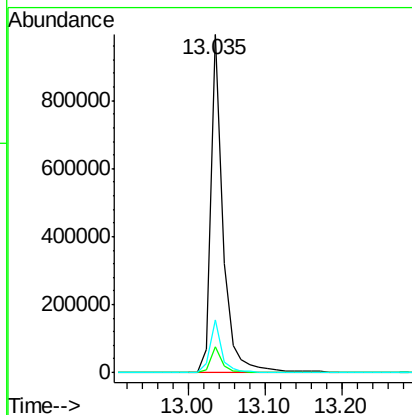
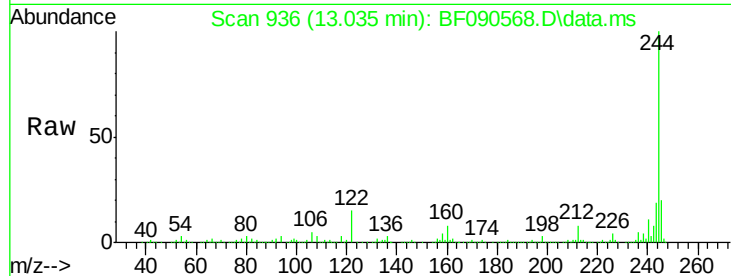
Tot Ion:244 Resp: 1084831

Ion Ratio Lower Upper

244 100

212 7.5 5.0 7.4#

122 15.5 5.6 8.4#



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.550 min Scan# 1156

Delta R.T. -0.011 min

Lab File: BF090568.D

Acq: 14 Oct 2016 14:17

Tgt Ion:264 Resp: 366847

Ion Ratio Lower Upper

264 100

260 25.0 19.3 28.9

265 22.2 16.7 25.1

