

Data Path : Z:\HPCHEM1\BNA F\Data\BF101716\
 Data File : BF090614.D
 Acq On : 17 Oct 2016 18:17
 Operator : UM/SJ
 Sample : H5212-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A3-A4-A3A-A4A

Quant Time: Oct 17 19:13:40 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 12:44:45 2016
 Response via : Initial Calibration

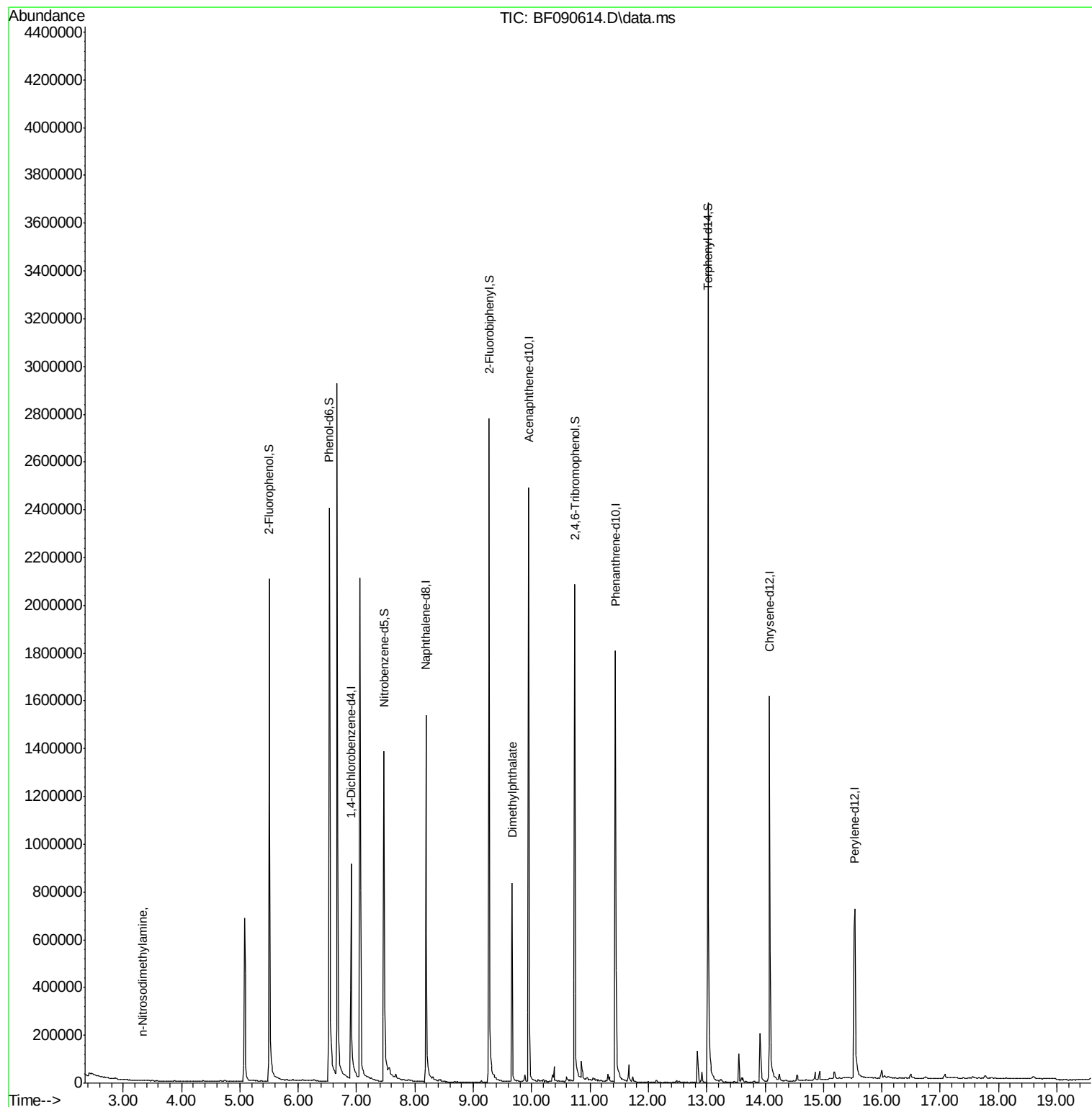
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.909	152	194878	20.00	ng	-0.01
21) Naphthalene-d8	8.189	136	845568	20.00	ng	-0.02
38) Acenaphthene-d10	9.949	164	483645	20.00	ng	-0.02
63) Phenanthrene-d10	11.435	188	787719	20.00	ng	-0.02
75) Chrysene-d12	14.075	240	711331	20.00	ng	-0.02
86) Perylene-d12	15.538	264	419554	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.503	112	785318	73.88	ng	-0.02
7) Phenol-d6	6.532	99	1096703	69.43	ng	-0.02
23) Nitrobenzene-d5	7.469	82	656382	43.12	ng	-0.02
41) 2,4,6-Tribromophenol	10.738	330	241194	55.94	ng	-0.02
44) 2-Fluorobiphenyl	9.275	172	1223708	41.69	ng	-0.01
78) Terphenyl-d14	13.024	244	1361011	44.55	ng	-0.02
Target Compounds						
4) n-Nitrosodimethylamine	3.331	42	210	7.21	ng	Qvalue # 1
49) Dimethylphthalate	9.663	163	312830	9.97	ng	99

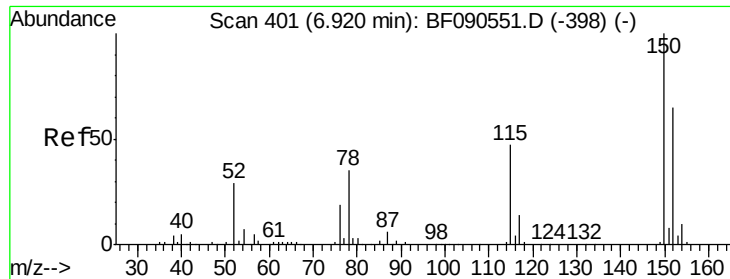
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.909 min Scan# 40

Delta R.T. -0.011 min

Lab File: BF090614.D

Acq: 17 Oct 2016 18:17

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A3-A4-A3A-A4A

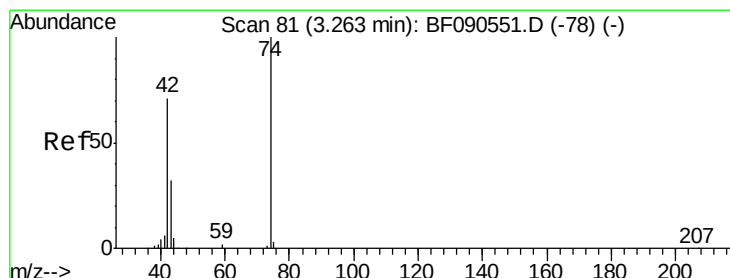
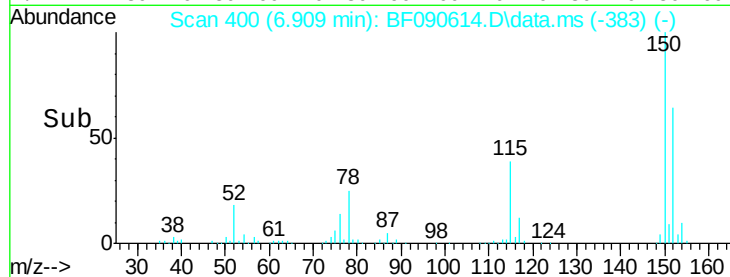
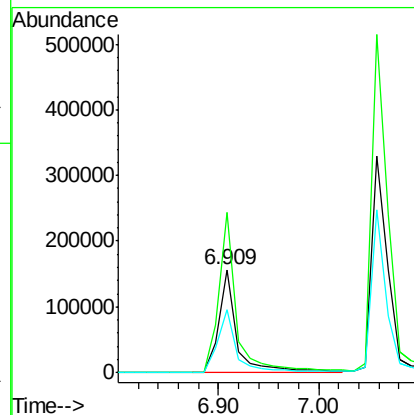
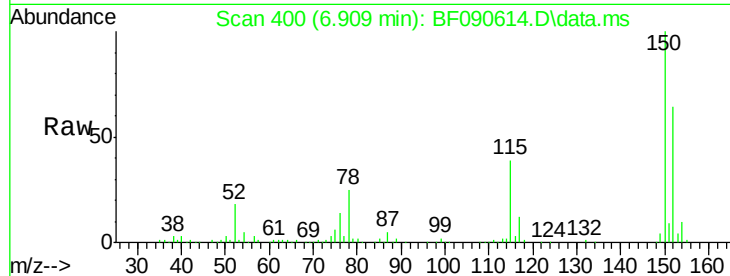
Tot Ion:152 Resp: 194878

Ion Ratio Lower Upper

152 100

150 156.1 127.2 190.8

115 61.1 58.6 88.0



#4

n-Nitrosodimethylamine

Concen: 7.21 ng

RT: 3.331 min Scan# 87

Delta R.T. 0.069 min

Lab File: BF090614.D

Acq: 17 Oct 2016 18:17

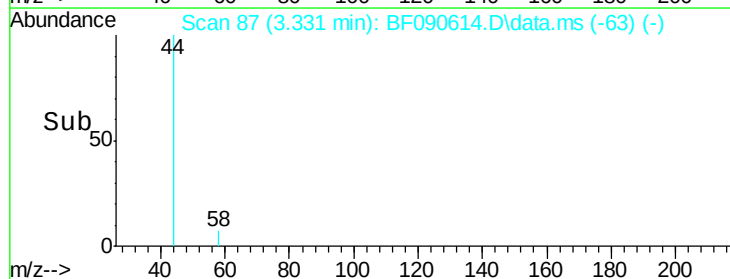
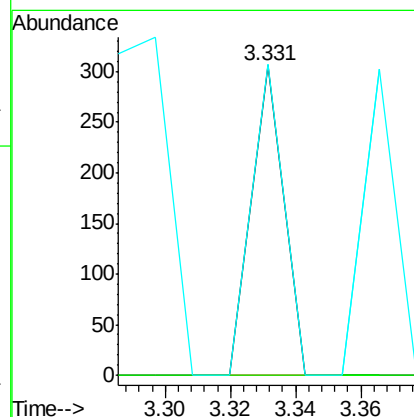
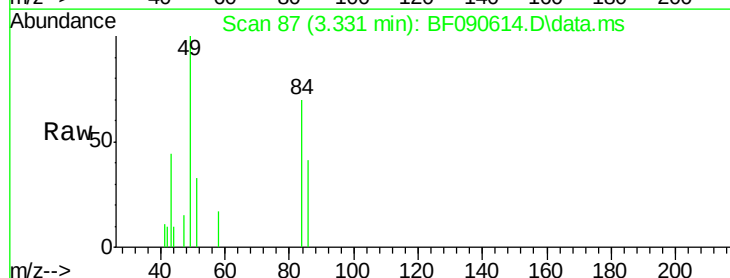
Tgt Ion: 42 Resp: 210

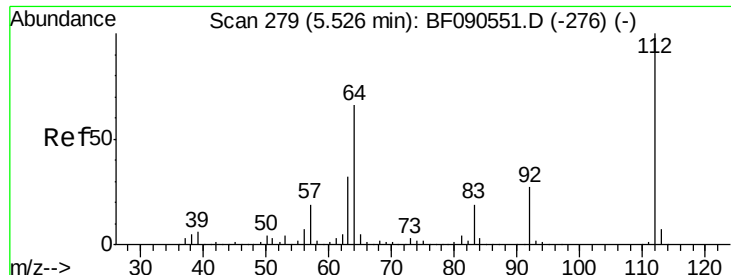
Ion Ratio Lower Upper

42 100

74 0.0 113.3 169.9#

44 100.3 6.0 9.0#





#5

2-Fluorophenol

Concen: 73.88 ng

RT: 5.503 min Scan# 27

Delta R.T. -0.022 min

Lab File: BF090614.D

Acq: 17 Oct 2016 18:17

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A3-A4-A3A-A4A

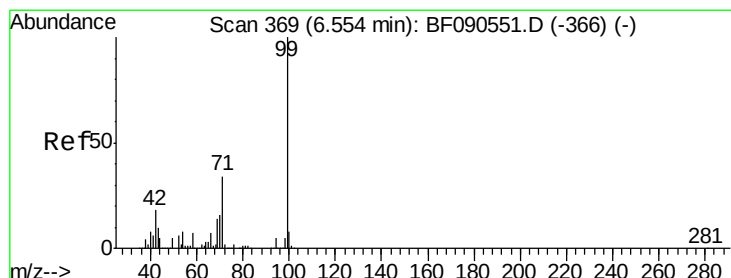
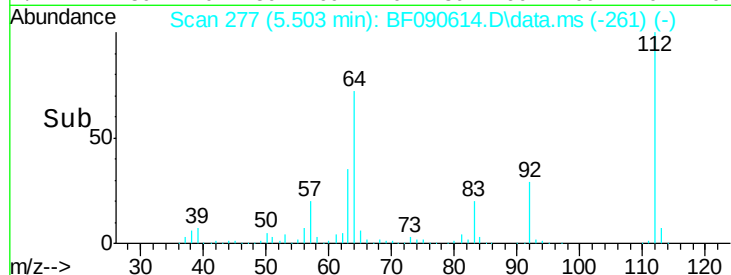
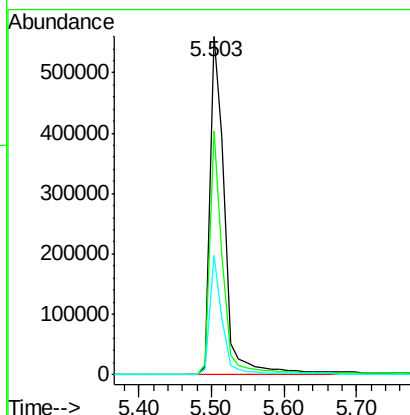
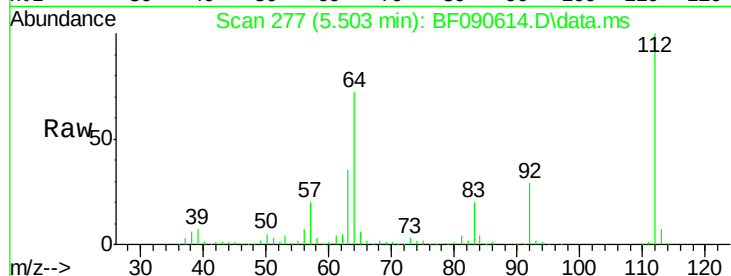
Tot Ion:112 Resp: 785318

Ion Ratio Lower Upper

112 100

64 71.9 52.6 78.8

63 35.3 26.0 39.0



#7

Phenol-d6

Concen: 69.43 ng

RT: 6.532 min Scan# 367

Delta R.T. -0.023 min

Lab File: BF090614.D

Acq: 17 Oct 2016 18:17

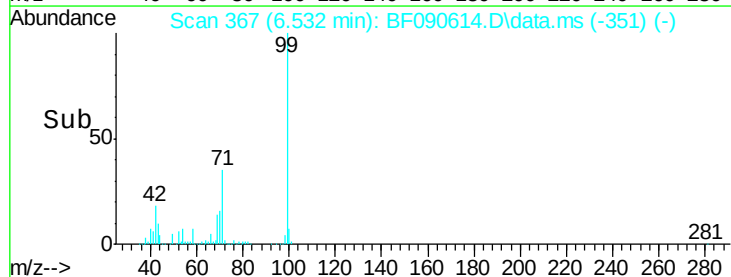
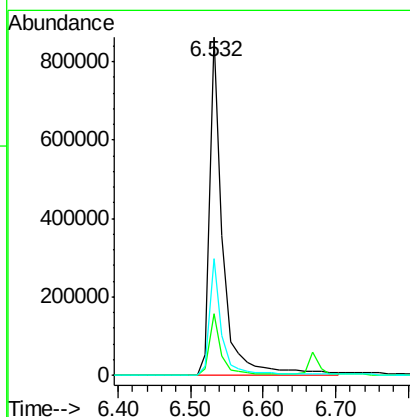
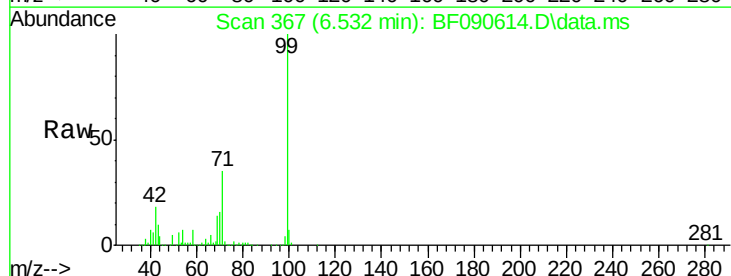
Tgt Ion: 99 Resp: 1096703

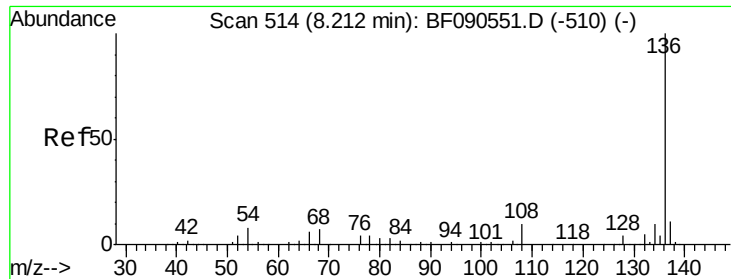
Ion Ratio Lower Upper

99 100

42 18.1 14.7 22.1

71 34.6 27.6 41.4

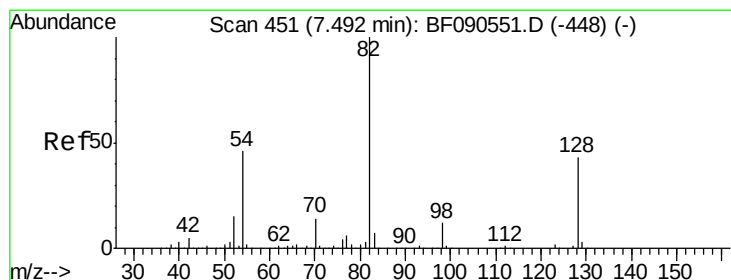
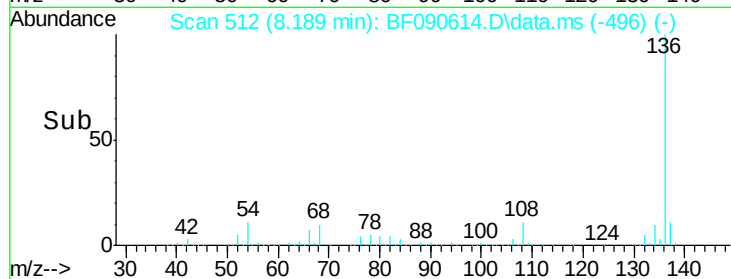
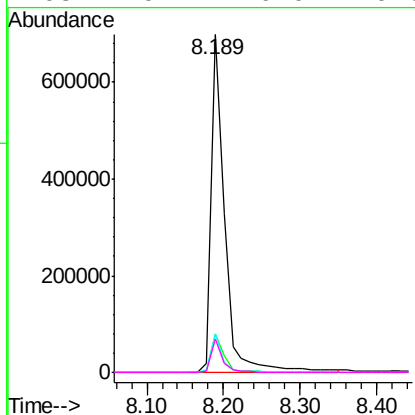
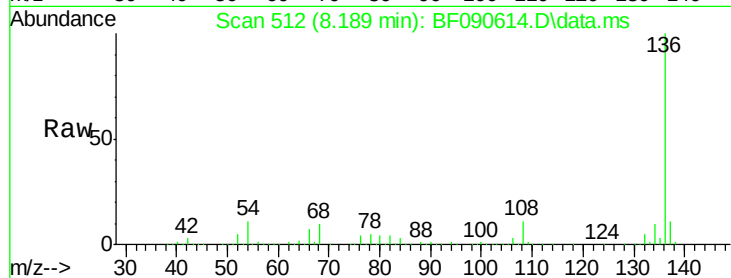




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.189 min Scan# 51
Delta R.T. -0.023 min
Lab File: BF090614.D
Acq: 17 Oct 2016 18:17

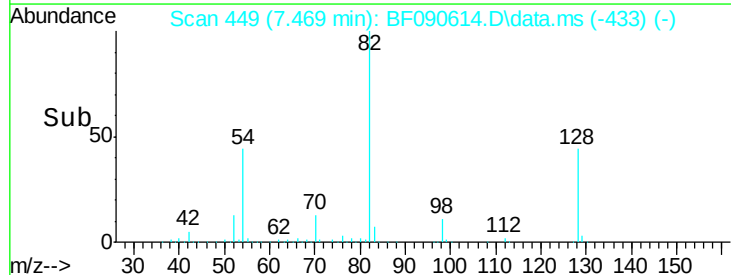
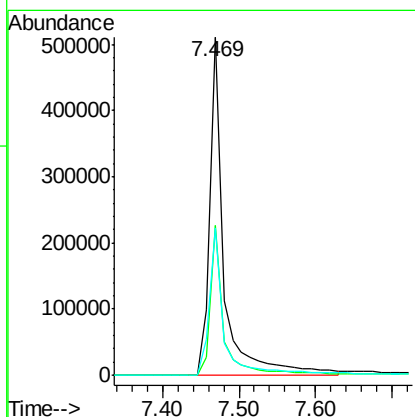
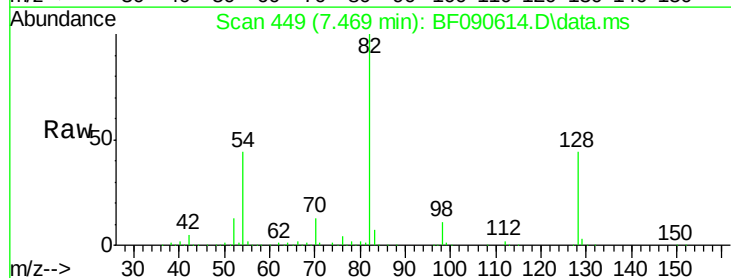
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A3-A4-A3A-A4A

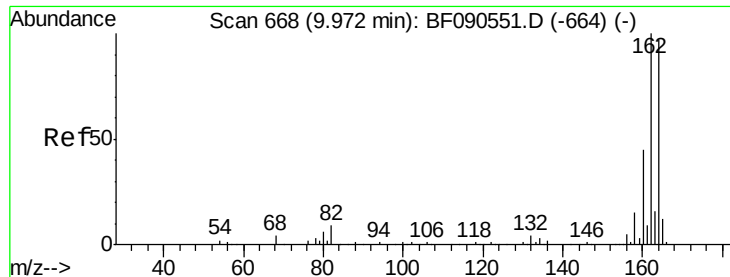
Tot Ion:136	Resp:	845568
Ion Ratio	Lower	Upper
136	100	
137	11.5	8.8 13.2
54	11.5	6.8 10.2#
68	9.7	6.0 9.0#



#23
Nitrobenzene-d5
Concen: 43.12 ng
RT: 7.469 min Scan# 449
Delta R.T. -0.023 min
Lab File: BF090614.D
Acq: 17 Oct 2016 18:17

Tgt Ion: 82	Resp:	656382
Ion Ratio	Lower	Upper
82	100	
128	44.4	34.3 51.5
54	43.6	37.0 55.6





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.949 min Scan# 66

Delta R.T. -0.023 min

Lab File: BF090614.D

Acq: 17 Oct 2016 18:17

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A3-A4-A3A-A4A

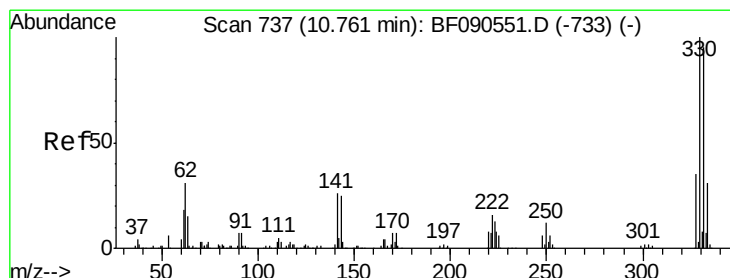
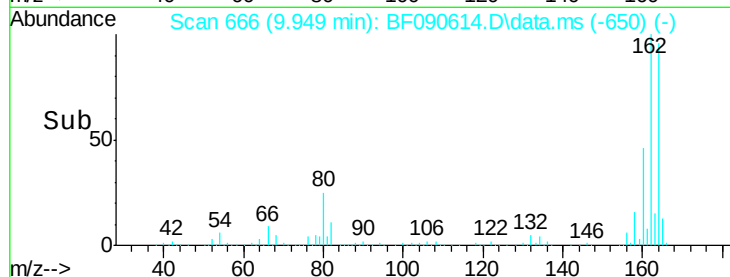
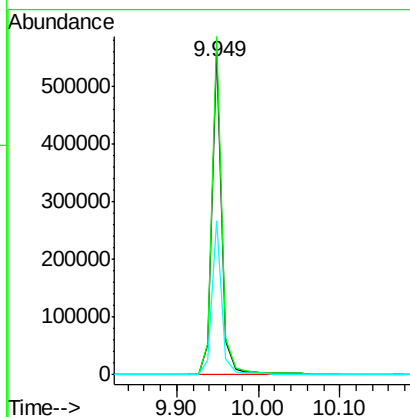
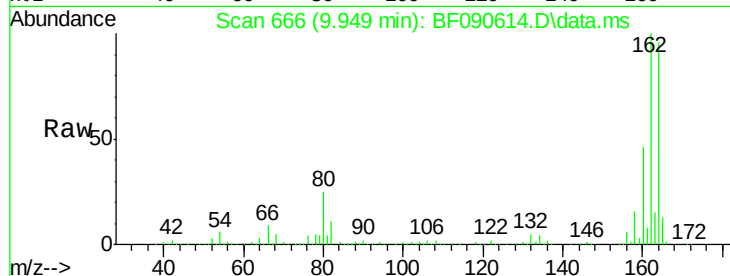
Tot Ion:164 Resp: 483645

Ion Ratio Lower Upper

164 100

162 104.7 82.2 123.4

160 47.7 36.6 55.0



#41

2,4,6-Tribromophenol

Concen: 55.94 ng

RT: 10.738 min Scan# 735

Delta R.T. -0.023 min

Lab File: BF090614.D

Acq: 17 Oct 2016 18:17

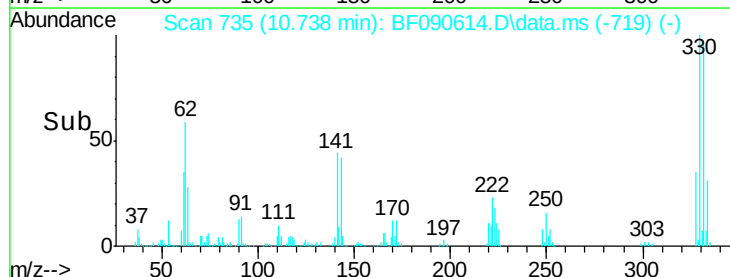
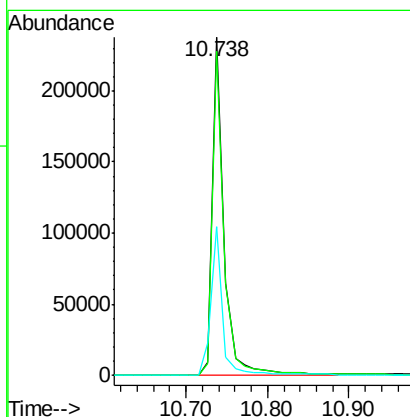
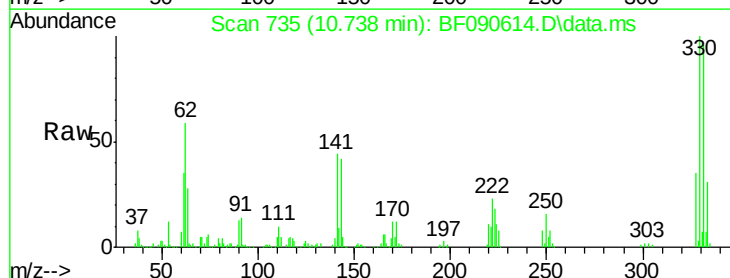
Tgt Ion:330 Resp: 241194

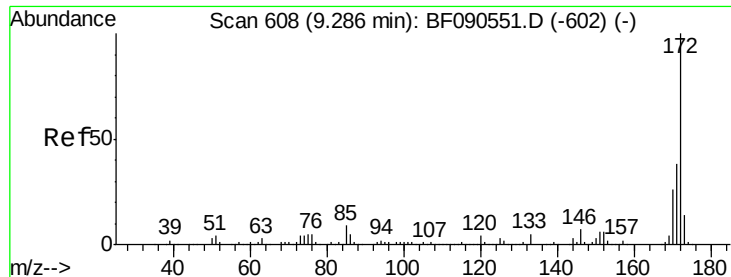
Ion Ratio Lower Upper

330 100

332 96.4 76.2 114.2

141 45.1 31.4 47.2

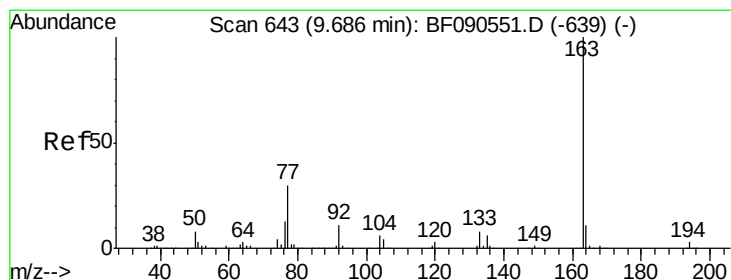
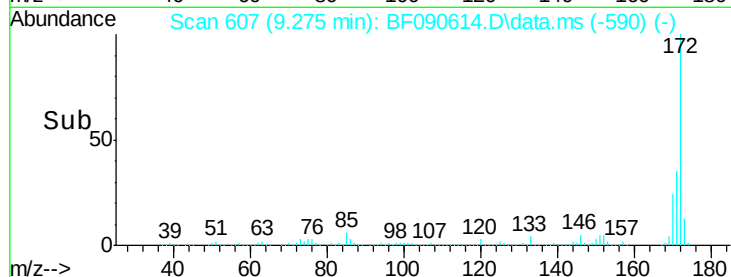
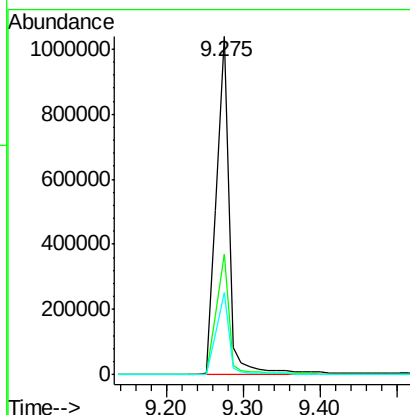
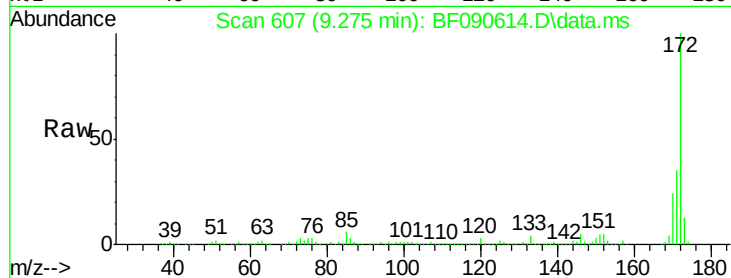




#44
2-Fluorobiphenyl
Concen: 41.69 ng
RT: 9.275 min Scan# 60
Delta R.T. -0.011 min
Lab File: BF090614.D
Acq: 17 Oct 2016 18:17

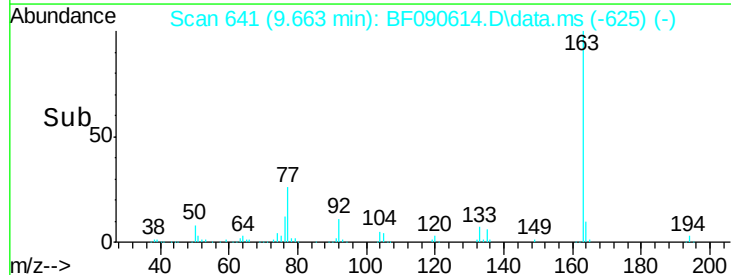
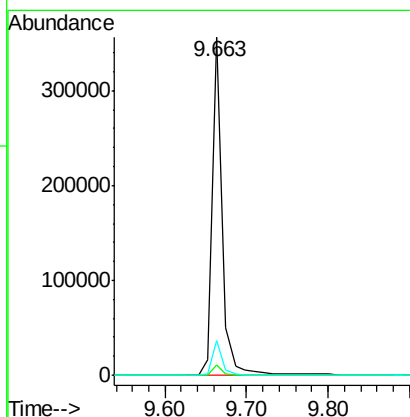
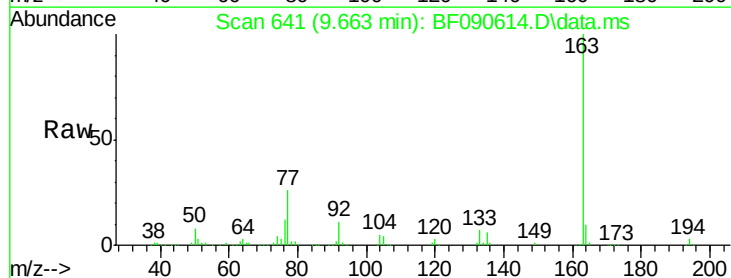
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A3-A4-A3A-A4A

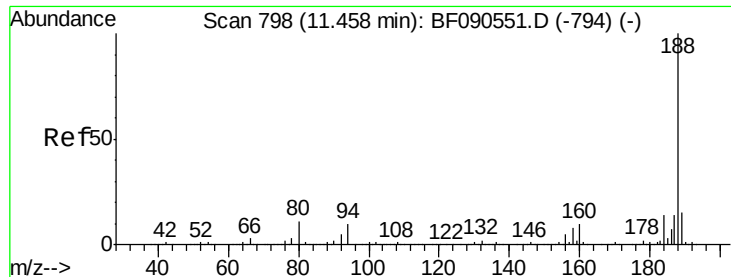
Tot Ion:172 Resp: 1223708
Ion Ratio Lower Upper
172 100
171 35.5 30.1 45.1
170 24.3 20.6 30.8



#49
Dimethylphthalate
Concen: 9.97 ng
RT: 9.663 min Scan# 641
Delta R.T. -0.023 min
Lab File: BF090614.D
Acq: 17 Oct 2016 18:17

Tgt Ion:163 Resp: 312830
Ion Ratio Lower Upper
163 100
194 3.0 2.3 3.5
164 10.2 8.6 13.0

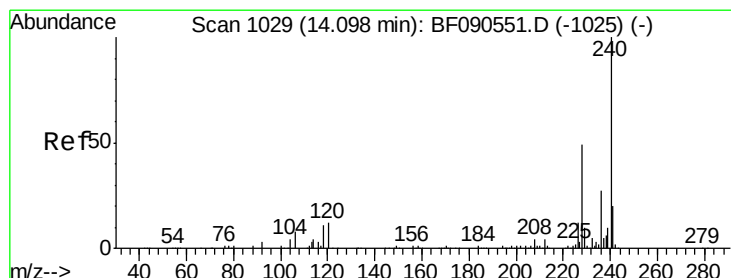
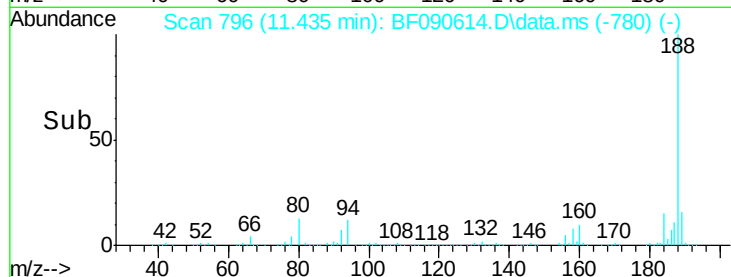
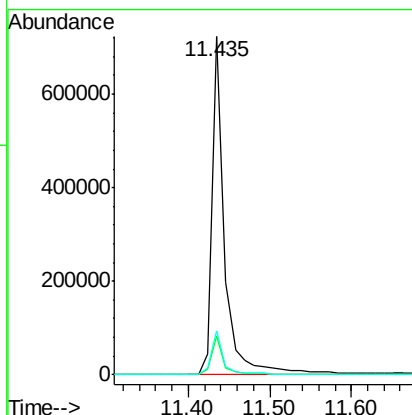
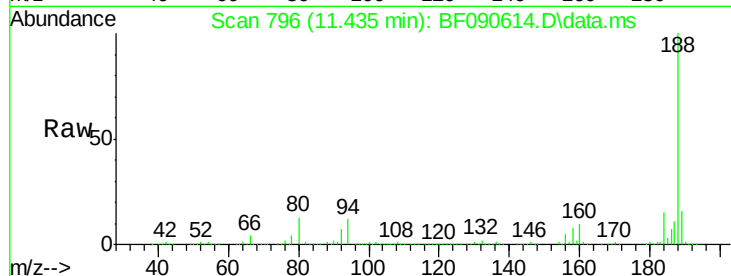




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.435 min Scan# 79
Delta R.T. -0.023 min
Lab File: BF090614.D
Acq: 17 Oct 2016 18:17

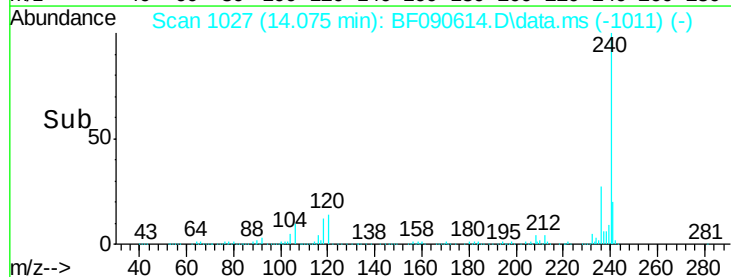
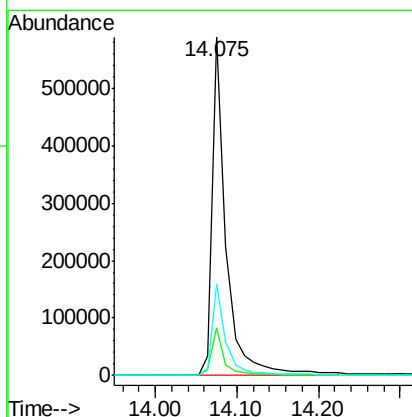
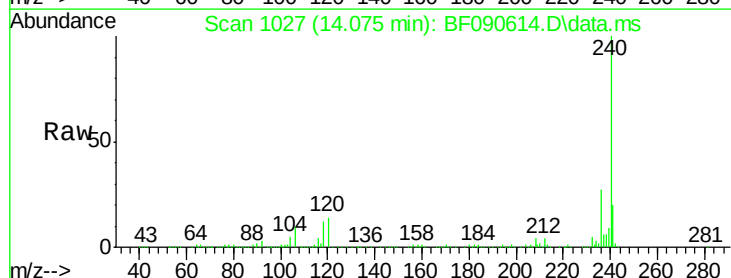
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BNA_F
ClientSampleId :
FK-BPM-01-A3-A4-A3A-A4A

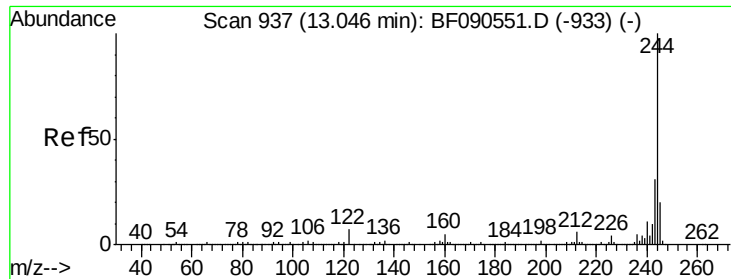
Tot Ion:188 Resp: 787719
Ion Ratio Lower Upper
188 100
94 11.6 7.7 11.5#
80 12.9 8.6 12.8#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.075 min Scan# 1027
Delta R.T. -0.023 min
Lab File: BF090614.D
Acq: 17 Oct 2016 18:17

Tgt Ion:240 Resp: 711331
Ion Ratio Lower Upper
240 100
120 13.9 9.8 14.8
236 27.0 21.7 32.5





#78

Terphenyl-d14

Concen: 44.55 ng

RT: 13.024 min Scan# 93

Delta R.T. -0.023 min

Lab File: BF090614.D

Acq: 17 Oct 2016 18:17

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A3-A4-A3A-A4A

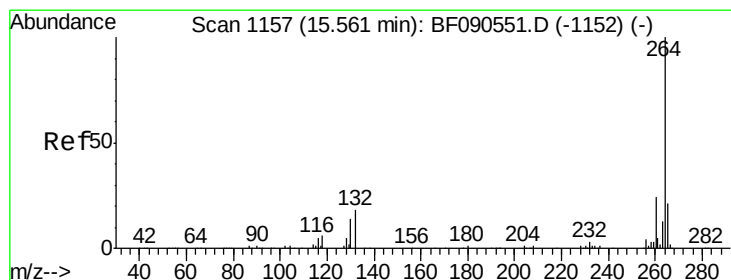
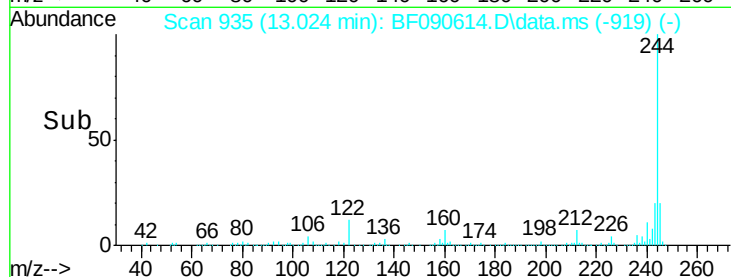
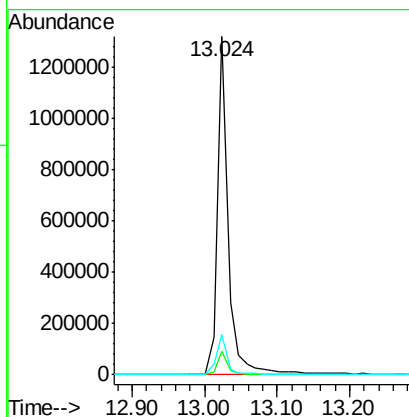
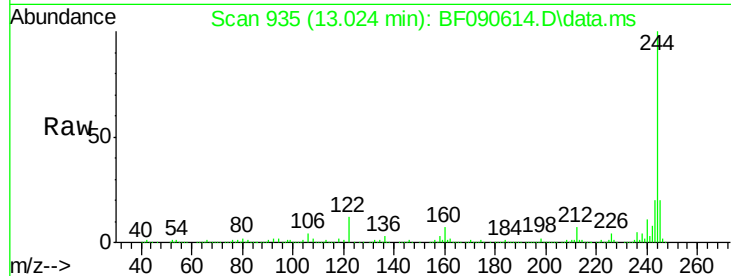
Tot Ion:244 Resp: 1361011

Ion Ratio Lower Upper

244 100

212 6.8 5.0 7.4

122 11.6 5.6 8.4#



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.538 min Scan# 1155

Delta R.T. -0.023 min

Lab File: BF090614.D

Acq: 17 Oct 2016 18:17

Tgt Ion:264 Resp: 419554

Ion Ratio Lower Upper

264 100

260 24.8 19.3 28.9

265 21.1 16.7 25.1

