

Data Path : Z:\HPCHEM1\BNA F\Data\BF102016\
 Data File : BF090693.D
 Acq On : 20 Oct 2016 20:15
 Operator : UM/SJ
 Sample : H5343-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RMAB-SB03-14.0-14.5

Quant Time: Oct 21 08:53:42 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 17 19:19:58 2016
 Response via : Initial Calibration

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

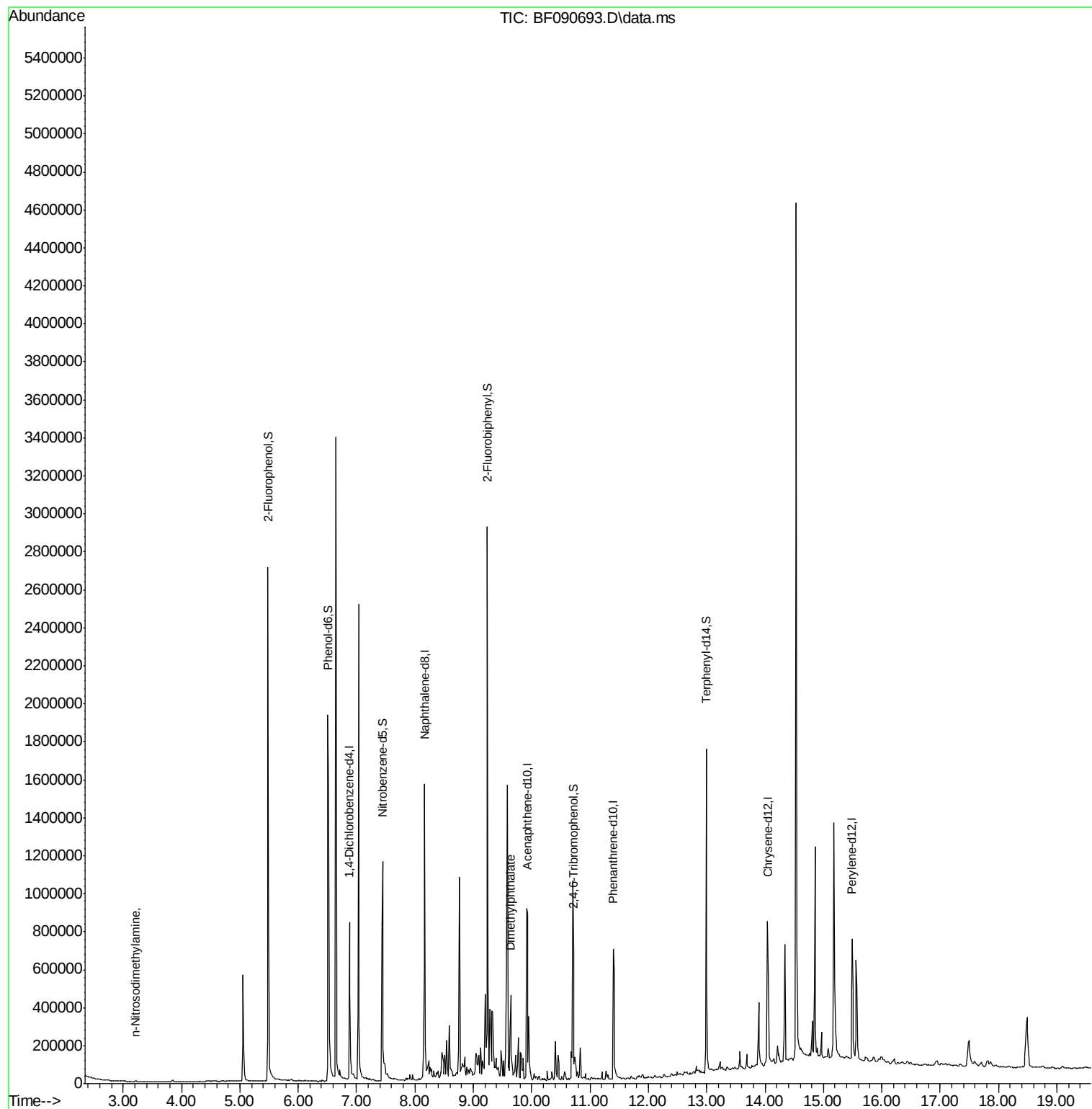
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	157785	20.00	ng	-0.03
21) Naphthalene-d8	8.166	136	687404	20.00	ng	-0.03
38) Acenaphthene-d10	9.926	164	283776	20.00	ng	-0.03
63) Phenanthrene-d10	11.401	188	359594	20.00	ng	-0.05
75) Chrysene-d12	14.041	240	316758	20.00	ng	-0.05
86) Perylene-d12	15.493	264	262784	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.480	112	773322	89.85	ng	-0.03
7) Phenol-d6	6.509	99	1030510	80.58	ng	-0.03
23) Nitrobenzene-d5	7.446	82	627862	50.74	ng	-0.03
41) 2,4,6-Tribromophenol	10.715	330	137360	54.29	ng	-0.03
44) 2-Fluorobiphenyl	9.241	172	818283	47.51	ng	-0.03
78) Terphenyl-d14	12.989	244	516555	37.97	ng	-0.05
Target Compounds						
4) n-Nitrosodimethylamine	3.206	42	1007	7.39	ng	Qvalue # 1
49) Dimethylphthalate	9.641	163	203540	11.05	ng	97

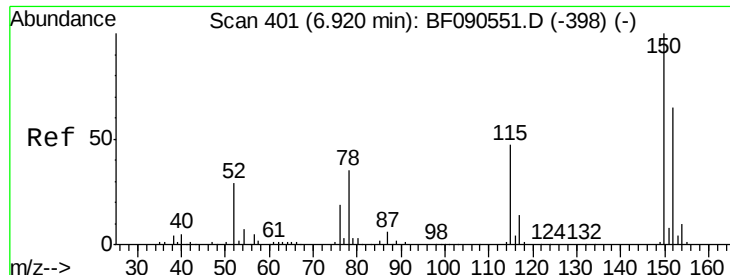
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.875 min Scan# 39

Delta R.T. -0.034 min

Lab File: BF090693.D

Acq: 20 Oct 2016 20:15

Instrument :

BNA_F

ClientSampleId :

RMAB-SB03-14.0-14.5

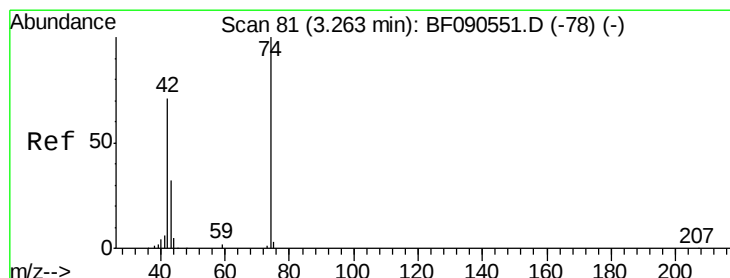
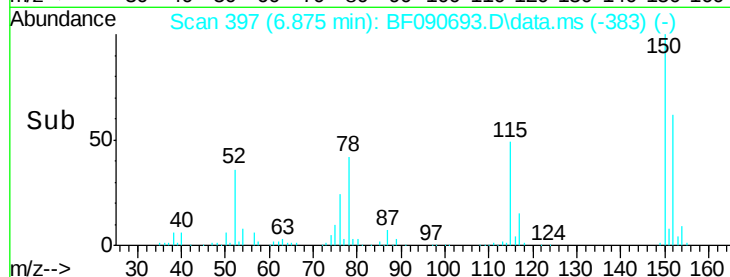
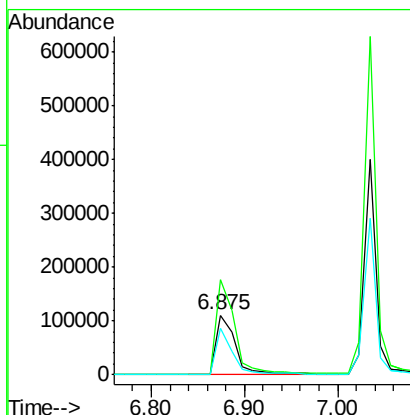
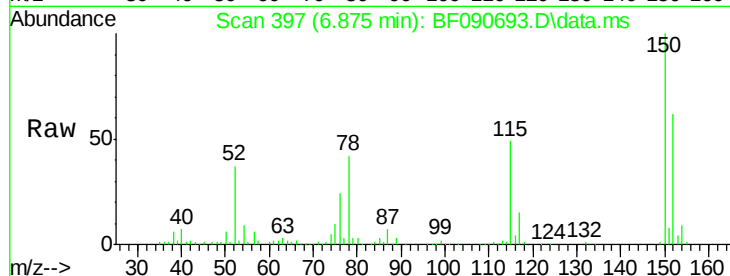
Tot Ion:152 Resp: 157785

Ion Ratio Lower Upper

152 100

150 161.1 127.2 190.8

115 78.6 58.6 88.0



#4

n-Nitrosodimethylamine

Concen: 7.39 ng

RT: 3.206 min Scan# 76

Delta R.T. -0.023 min

Lab File: BF090693.D

Acq: 20 Oct 2016 20:15

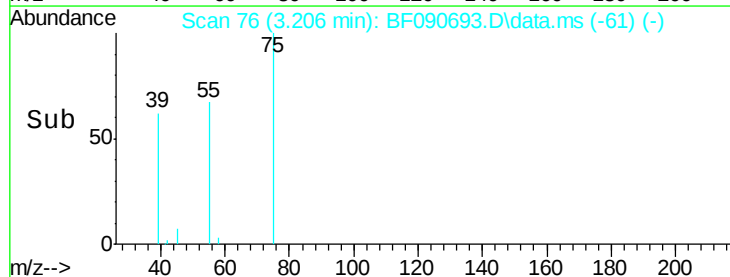
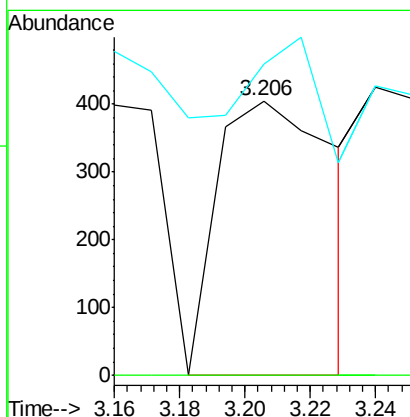
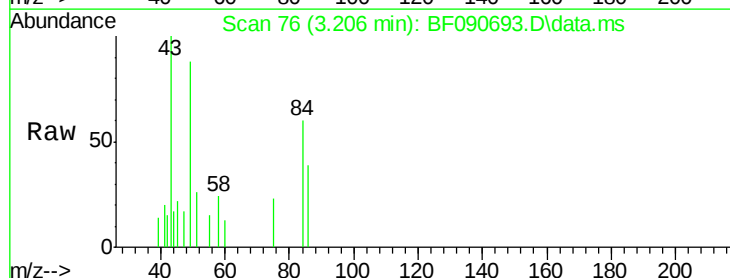
Tgt Ion: 42 Resp: 1007

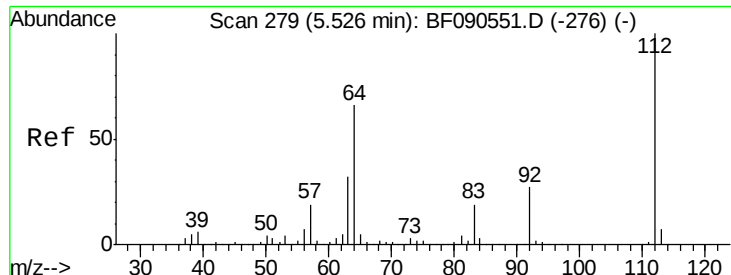
Ion Ratio Lower Upper

42 100

74 0.0 113.3 169.9#

44 113.6 6.0 9.0#

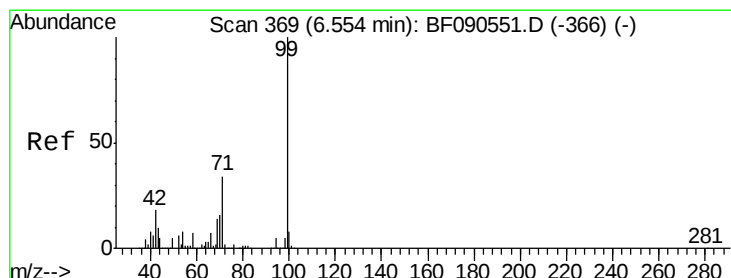
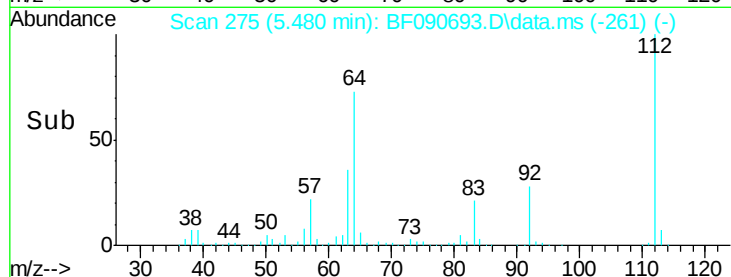
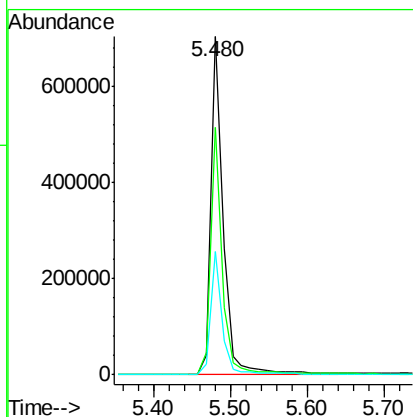
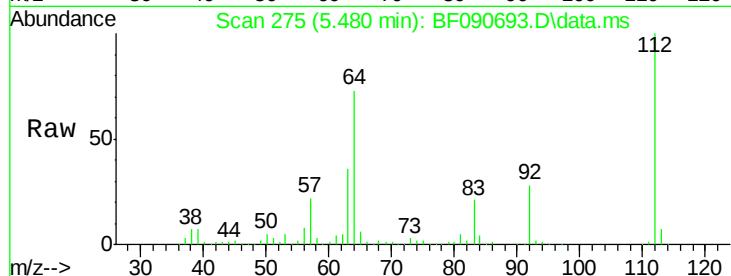




#5
2-Fluorophenol
Concen: 89.85 ng
RT: 5.480 min Scan# 27
Delta R.T. -0.034 min
Lab File: BF090693.D
Acq: 20 Oct 2016 20:15

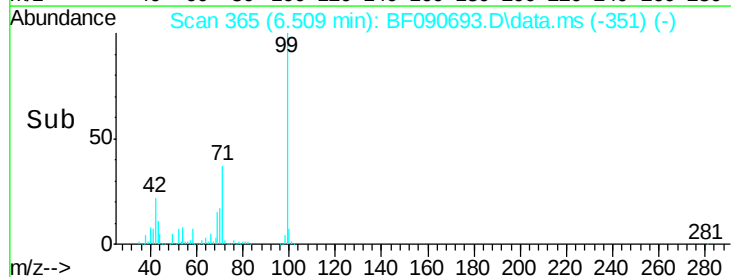
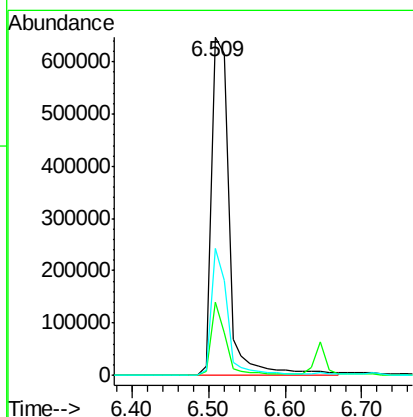
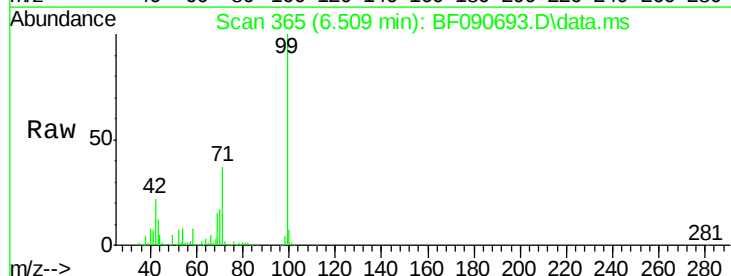
Instrument :
BNA_F
ClientSampleId :
RMAB-SB03-14.0-14.5

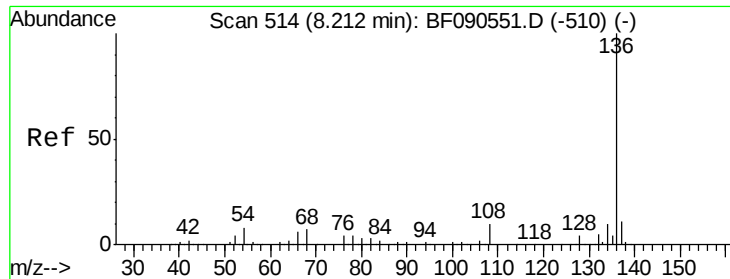
Tot Ion:112 Resp: 773322
Ion Ratio Lower Upper
112 100
64 73.3 52.6 78.8
63 36.3 26.0 39.0



#7
Phenol-d6
Concen: 80.58 ng
RT: 6.509 min Scan# 365
Delta R.T. -0.034 min
Lab File: BF090693.D
Acq: 20 Oct 2016 20:15

Tgt Ion: 99 Resp: 1030510
Ion Ratio Lower Upper
99 100
42 21.6 14.7 22.1
71 37.4 27.6 41.4

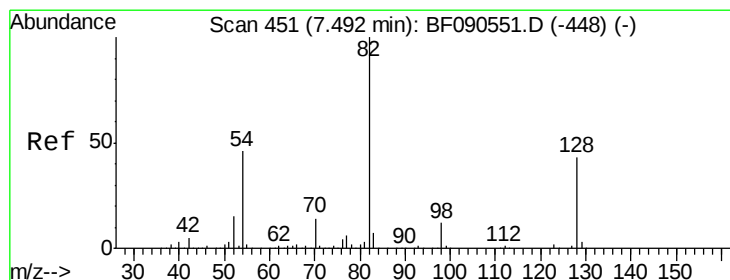
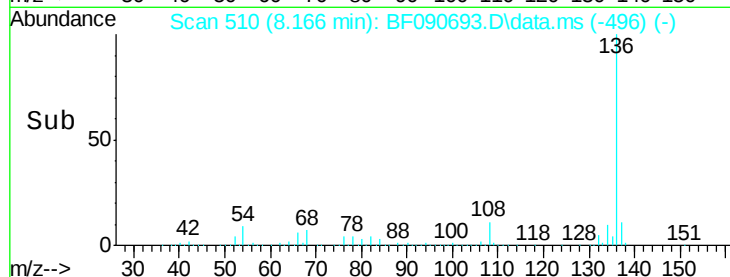
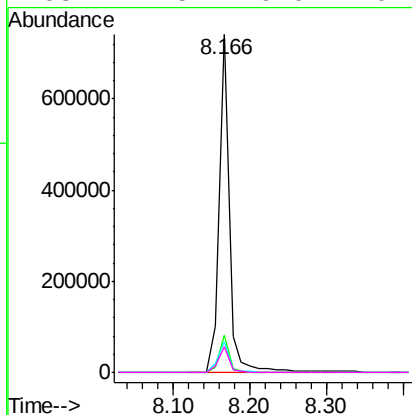
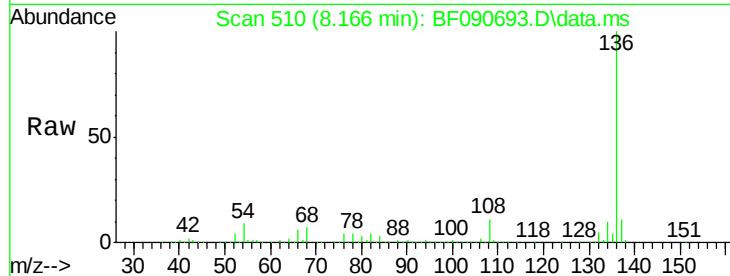




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.166 min Scan# 51
Delta R.T. -0.034 min
Lab File: BF090693.D
Acq: 20 Oct 2016 20:15

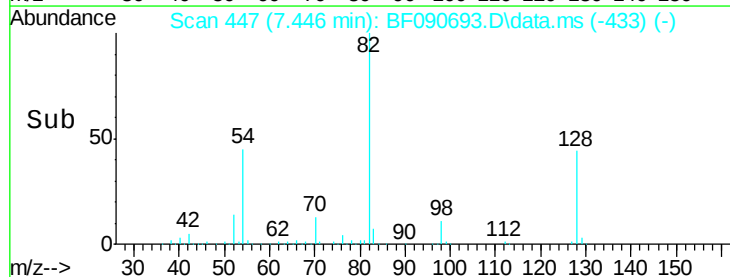
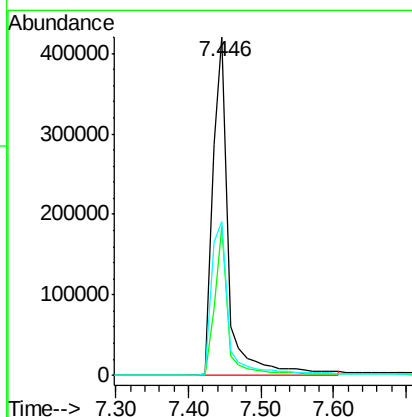
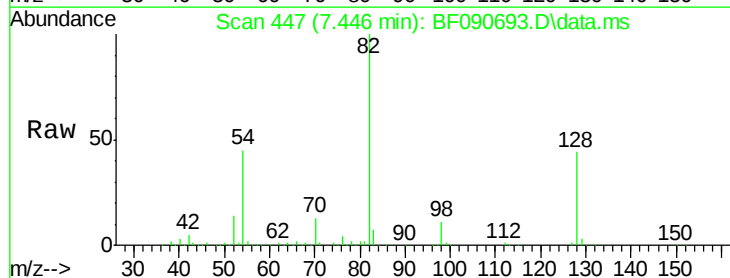
Instrument :
BNA_F
ClientSampleId :
RMAB-SB03-14.0-14.5

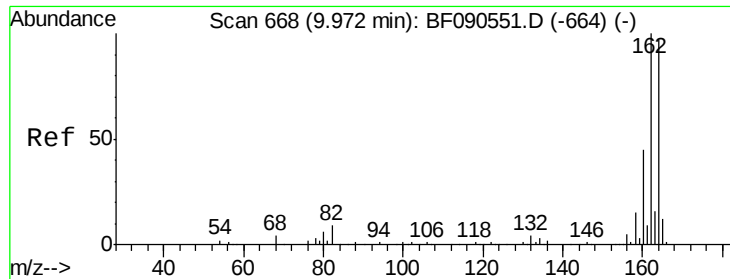
Tot Ion:	136	Resp:	687404
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.8	13.2
54	9.1	6.8	10.2
68	7.5	6.0	9.0



#23
Nitrobenzene-d5
Concen: 50.74 ng
RT: 7.446 min Scan# 447
Delta R.T. -0.034 min
Lab File: BF090693.D
Acq: 20 Oct 2016 20:15

Tgt Ion:	82	Resp:	627862
Ion Ratio	Lower	Upper	
82	100		
128	44.0	34.3	51.5
54	45.5	37.0	55.6





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.926 min Scan# 66

Delta R.T. -0.034 min

Lab File: BF090693.D

Acq: 20 Oct 2016 20:15

Instrument :

BNA_F

ClientSampleId :

RMAB-SB03-14.0-14.5

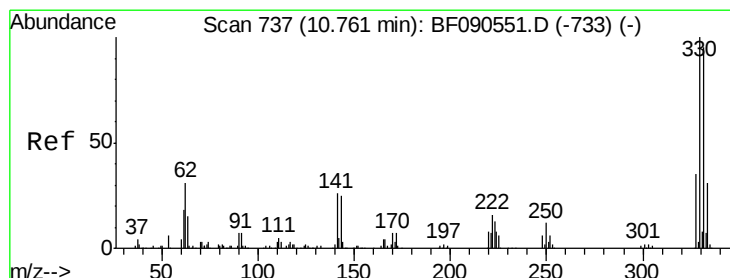
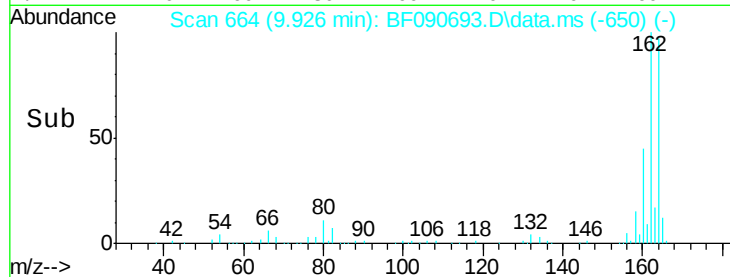
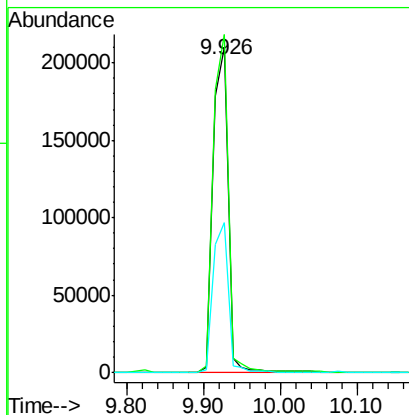
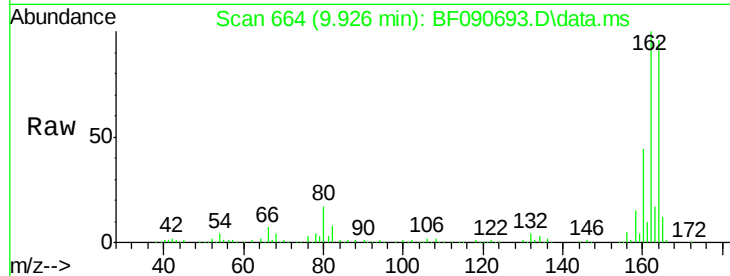
Tot Ion:164 Resp: 283776

Ion Ratio Lower Upper

164 100

162 103.8 82.2 123.4

160 46.1 36.6 55.0



#41

2,4,6-Tribromophenol

Concen: 54.29 ng

RT: 10.715 min Scan# 733

Delta R.T. -0.034 min

Lab File: BF090693.D

Acq: 20 Oct 2016 20:15

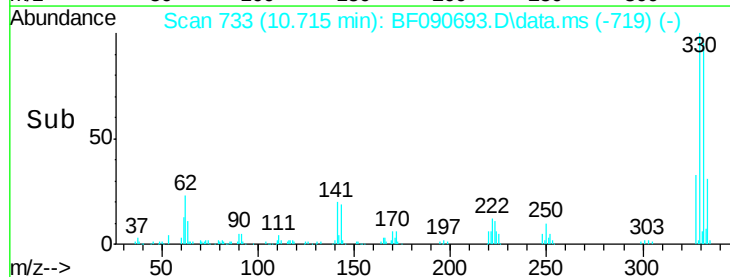
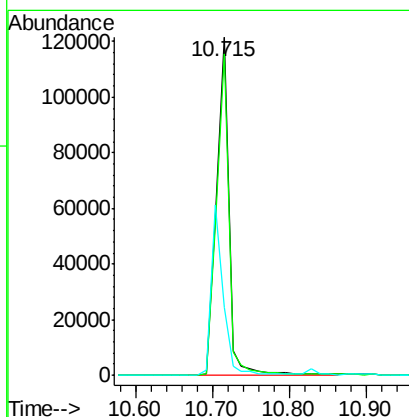
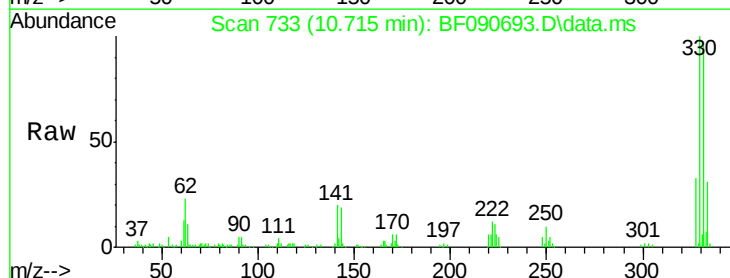
Tgt Ion:330 Resp: 137360

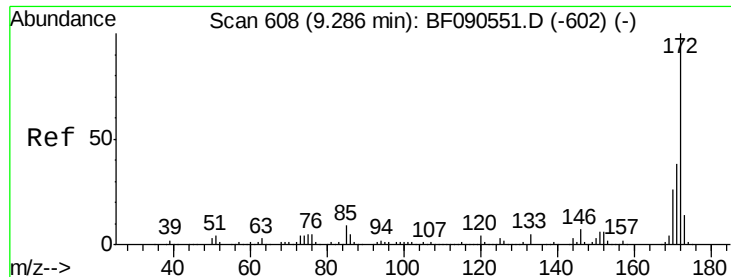
Ion Ratio Lower Upper

330 100

332 95.3 76.2 114.2

141 48.4 31.4 47.2#

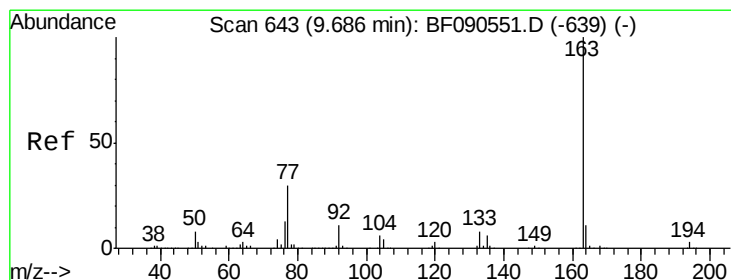
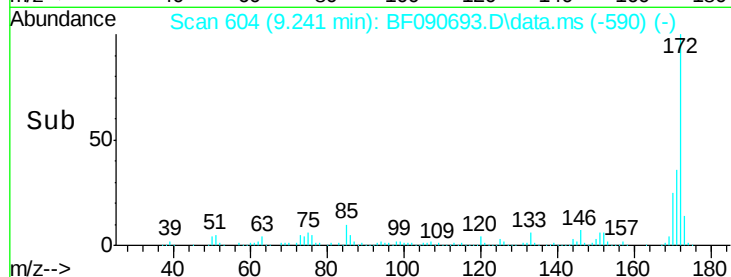
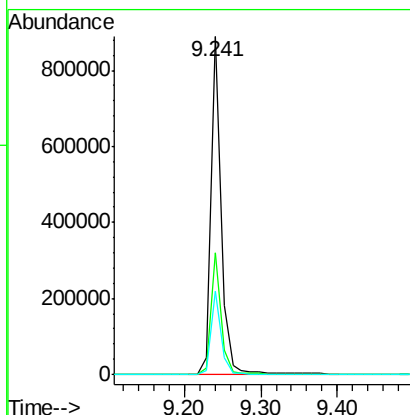
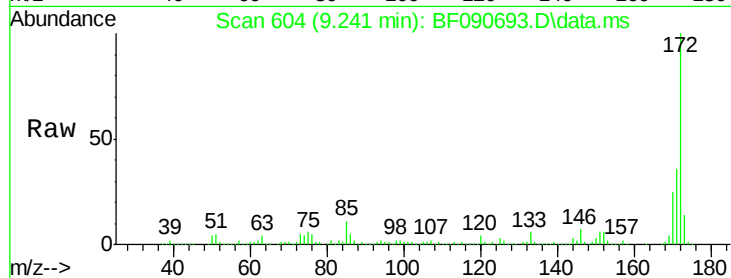




#44
2-Fluorobiphenyl
Concen: 47.51 ng
RT: 9.241 min Scan# 60
Delta R.T. -0.034 min
Lab File: BF090693.D
Acq: 20 Oct 2016 20:15

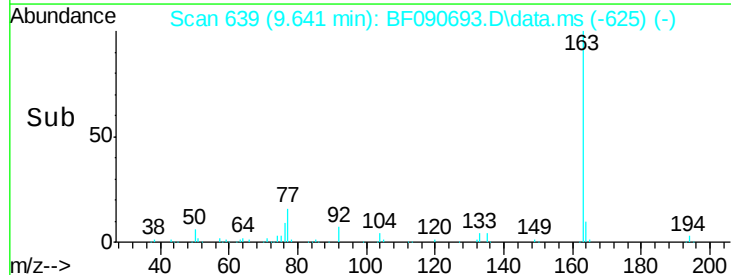
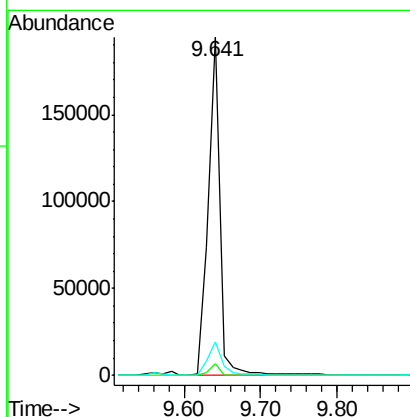
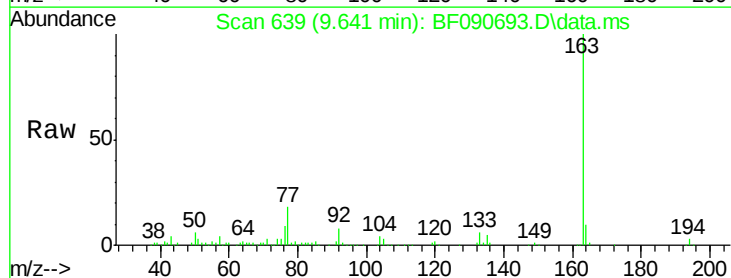
Instrument :
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ClientSampleId :
RMAB-SB03-14.0-14.5

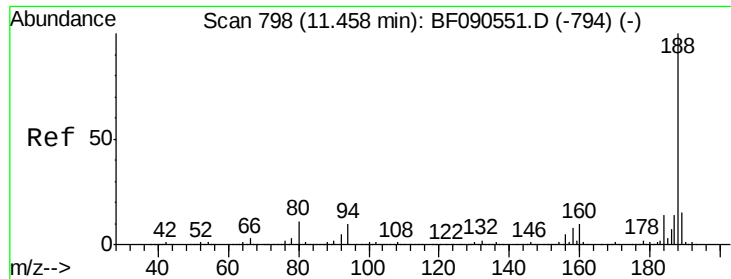
Tot Ion:172 Resp: 818283
Ion Ratio Lower Upper
172 100
171 35.8 30.1 45.1
170 24.5 20.6 30.8



#49
Dimethylphthalate
Concen: 11.05 ng
RT: 9.641 min Scan# 639
Delta R.T. -0.034 min
Lab File: BF090693.D
Acq: 20 Oct 2016 20:15

Tgt Ion:163 Resp: 203540
Ion Ratio Lower Upper
163 100
194 3.4 2.3 3.5
164 9.7 8.6 13.0

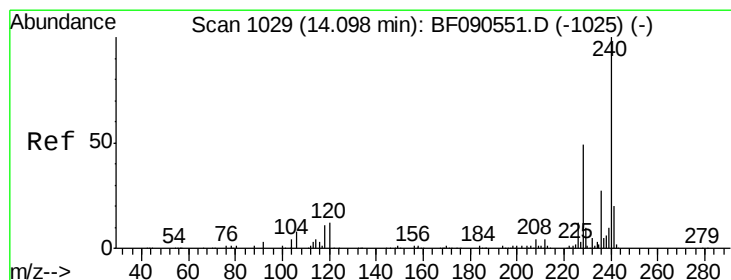
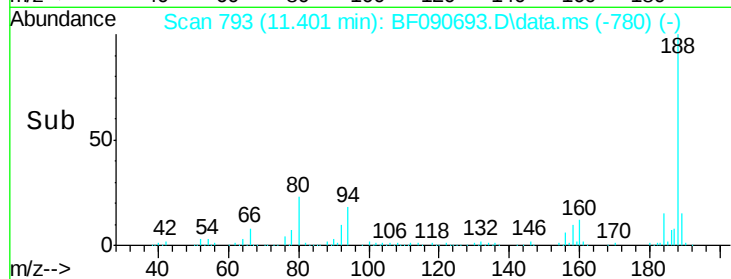
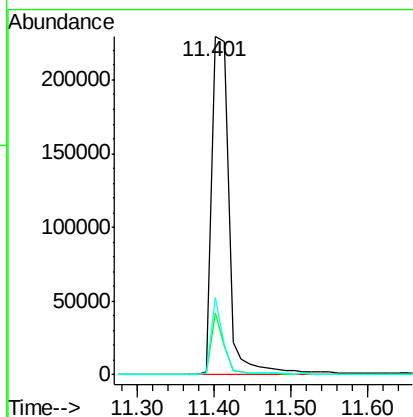
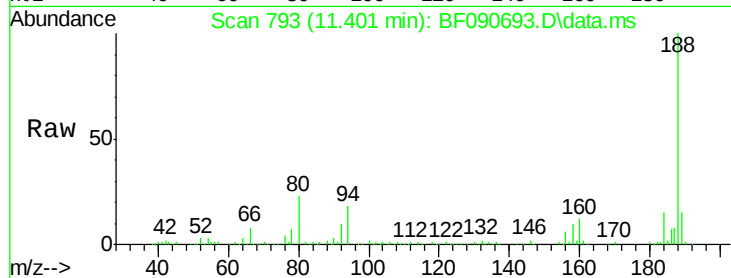




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.401 min Scan# 79
Delta R.T. -0.046 min
Lab File: BF090693.D
Acq: 20 Oct 2016 20:15

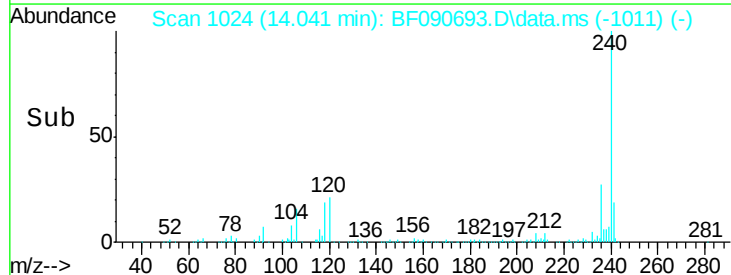
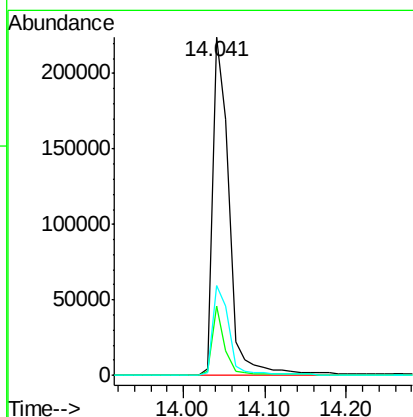
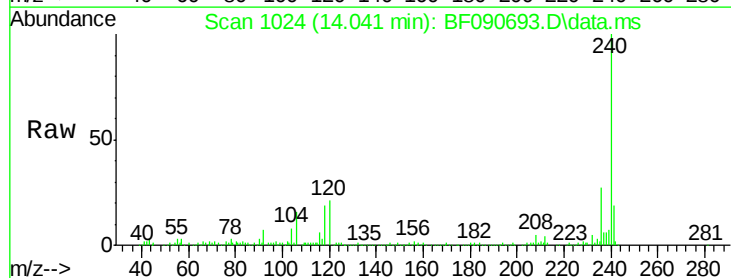
Instrument :
BNA_F
ClientSampleId :
RMAB-SB03-14.0-14.5

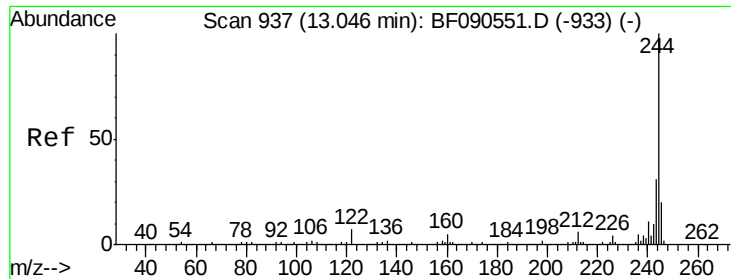
Tot Ion	Ratio	Lower	Upper
188	100		
94	18.1	7.7	11.5#
80	22.8	8.6	12.8#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.041 min Scan# 1024
Delta R.T. -0.046 min
Lab File: BF090693.D
Acq: 20 Oct 2016 20:15

Tgt Ion	Ratio	Lower	Upper
240	100		
120	20.6	9.8	14.8#
236	26.6	21.7	32.5

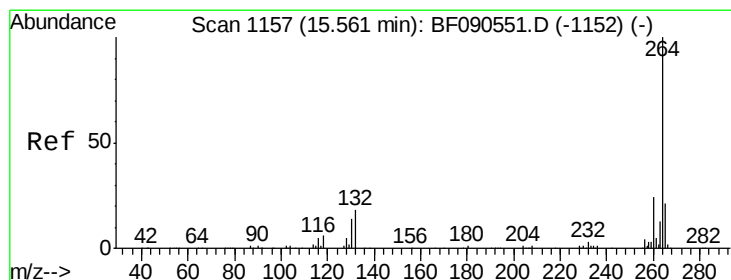
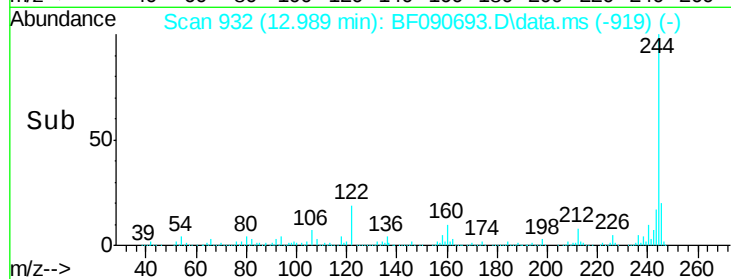
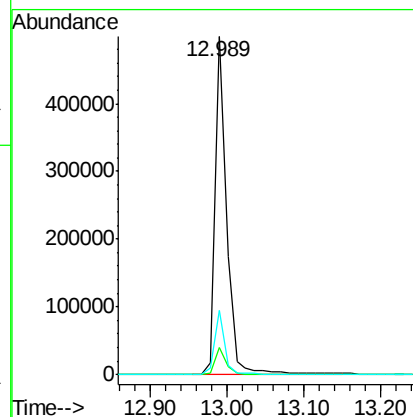
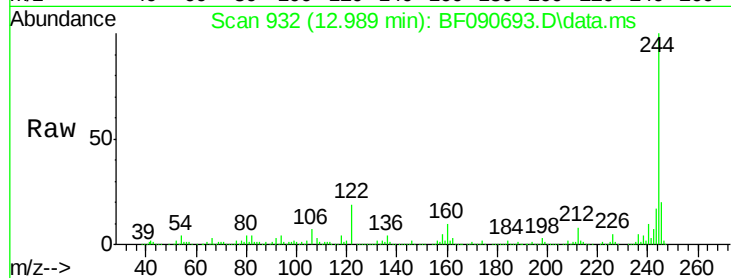




#78
 Terphenyl-d14
 Concen: 37.97 ng
 RT: 12.989 min Scan# 93
 Delta R.T. -0.046 min
 Lab File: BF090693.D
 Acq: 20 Oct 2016 20:15

Instrument :
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Tot Ion	Ratio	Lower	Upper
244	100		
212	8.1	5.0	7.4#
122	18.9	5.6	8.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.493 min Scan# 1151
 Delta R.T. -0.046 min
 Lab File: BF090693.D
 Acq: 20 Oct 2016 20:15

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.3	28.9
265	21.5	16.7	25.1

