

Data Path : Z:\HPCHEM1\BNA F\Data\BF092616\
 Data File : BF090223.D
 Acq On : 26 Sep 2016 16:08
 Operator : UM/SJ
 Sample : H4933-09
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 26 17:11:26 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 26 15:58:38 2016
 Response via : Initial Calibration

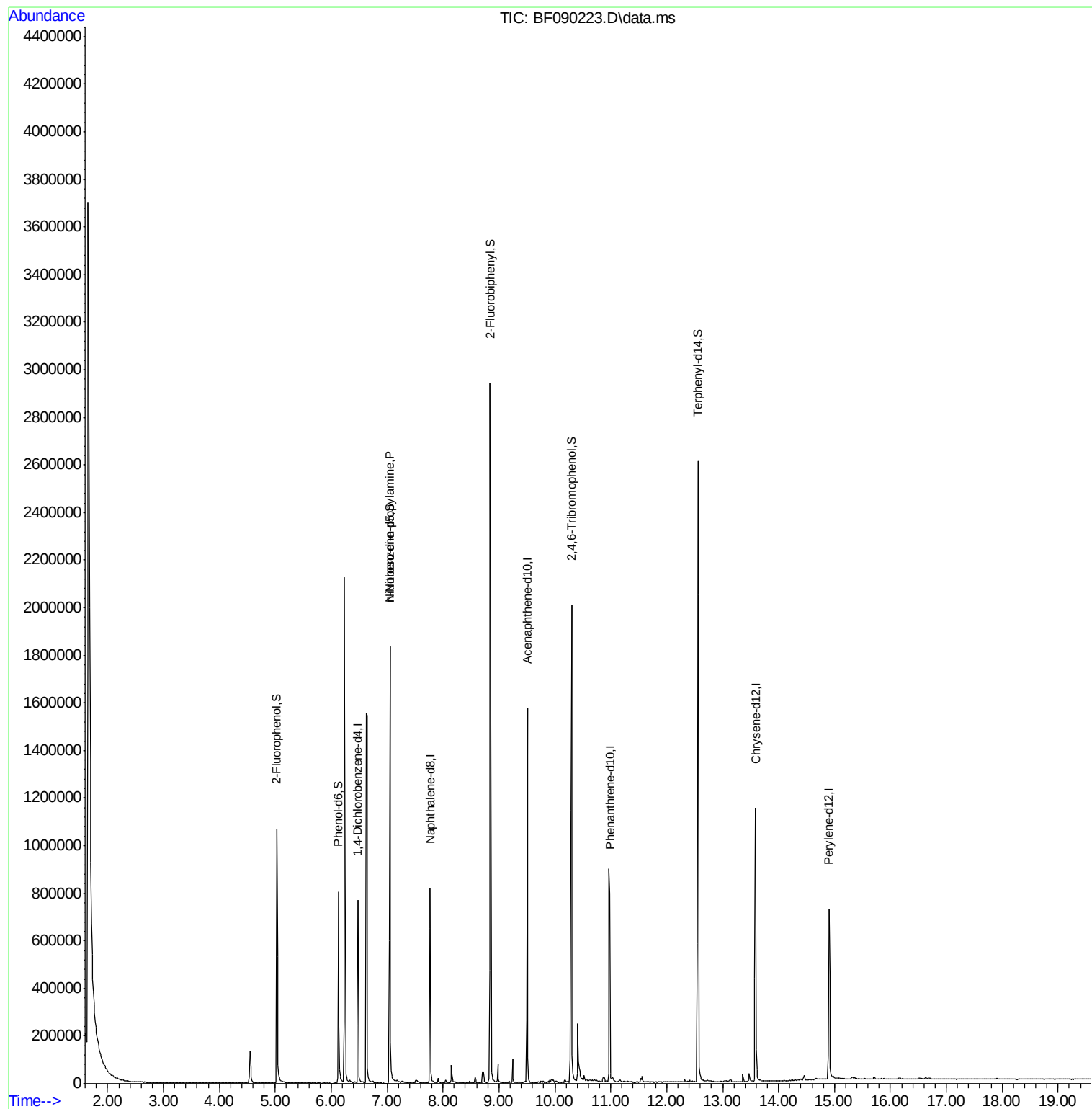
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.479	152	143165	20.00	ng	0.00
21) Naphthalene-d8	7.770	136	566252	20.00	ng	0.00
38) Acenaphthene-d10	9.507	164	328297	20.00	ng	0.00
63) Phenanthrene-d10	10.982	188	510569	20.00	ng	0.00
75) Chrysene-d12	13.588	240	453355	20.00	ng	-0.01
86) Perylene-d12	14.902	264	341749	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.027	112	426560	48.57	ng	0.00
7) Phenol-d6	6.124	99	354881	32.72	ng	-0.01
23) Nitrobenzene-d5	7.050	82	717255	73.43	ng	-0.01
41) 2,4,6-Tribromophenol	10.296	330	316829	112.49	ng	0.00
44) 2-Fluorobiphenyl	8.845	172	1247699	74.61	ng	-0.01
78) Terphenyl-d14	12.559	244	1262997	70.73	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.050	70	83992	13.18	ng	# 79

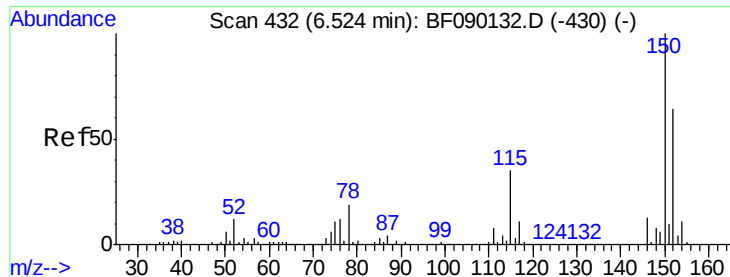
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\Data\BF092616\
Data File : BF090223.D
Acq On : 26 Sep 2016 16:08
Operator : UM/SJ
Sample : H4933-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Sep 26 17:11:26 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 26 15:58:38 2016
Response via : Initial Calibration

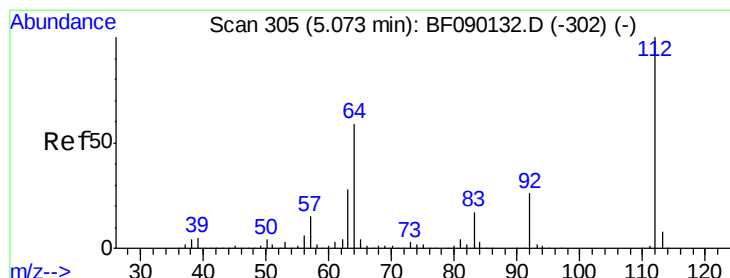
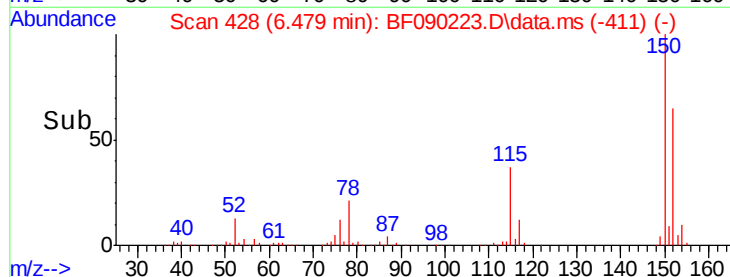
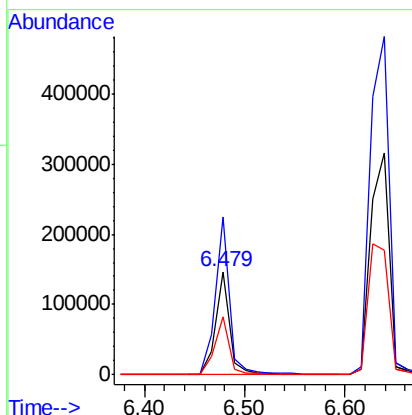
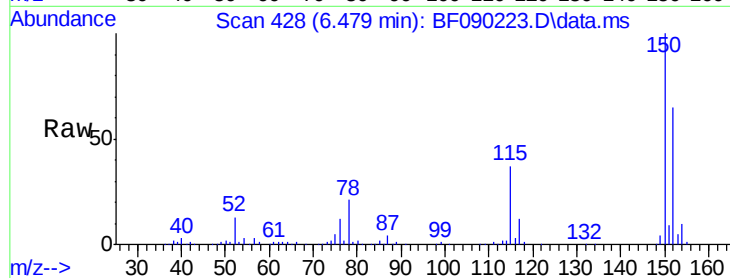




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.479 min Scan# 42
 Delta R.T. -0.000 min
 Lab File: BF090223.D
 Acq: 26 Sep 2016 16:08

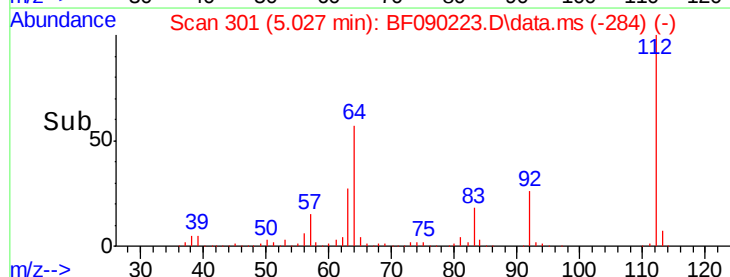
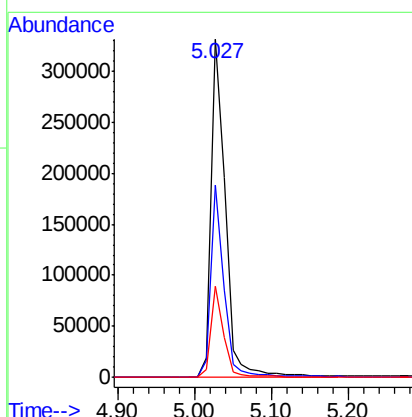
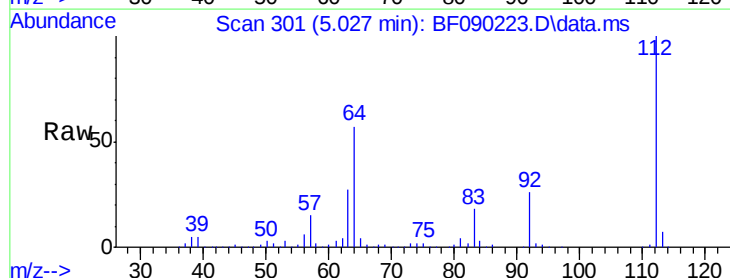
Instrument :
 BNA_F
 ClientSampleId :

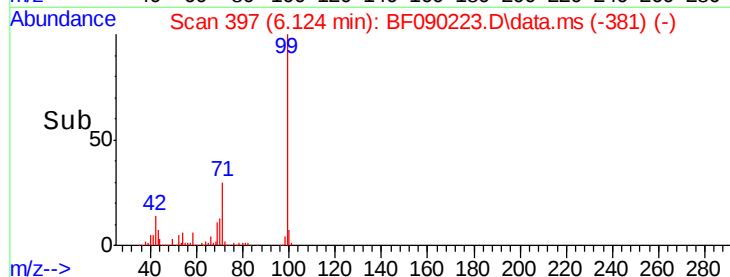
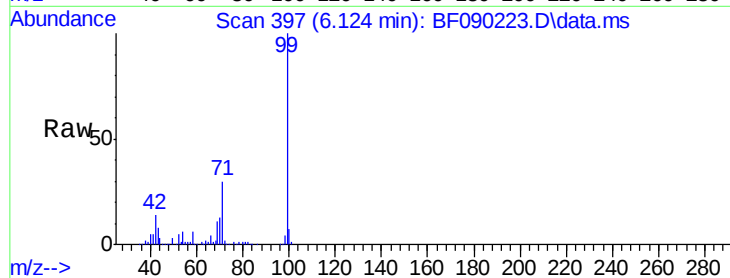
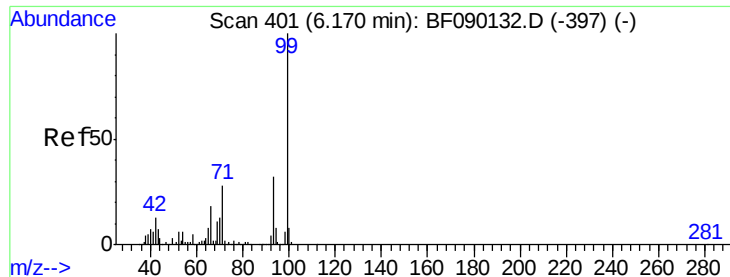
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.0	128.9	193.3
115	56.3	55.5	83.3



#5
 2-Fluorophenol
 Concen: 48.57 ng
 RT: 5.027 min Scan# 301
 Delta R.T. -0.000 min
 Lab File: BF090223.D
 Acq: 26 Sep 2016 16:08

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.7	39.8	59.6
63	27.0	18.9	28.3

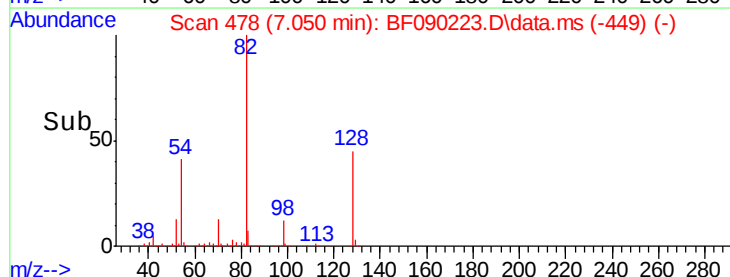
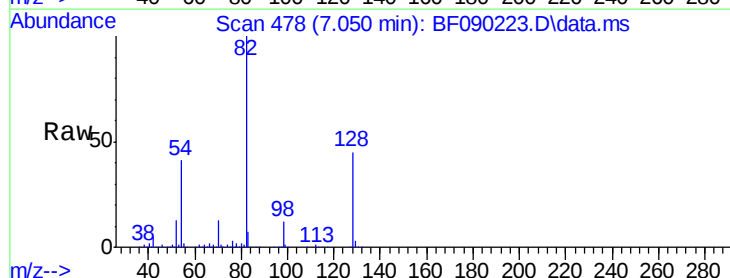
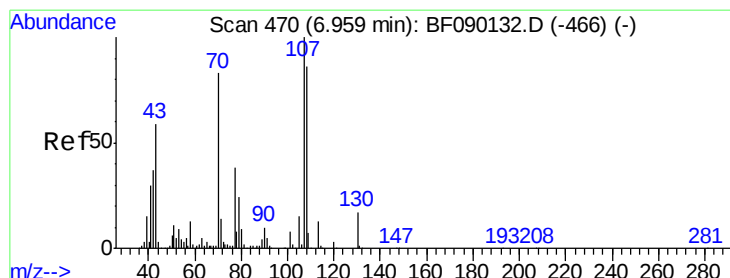
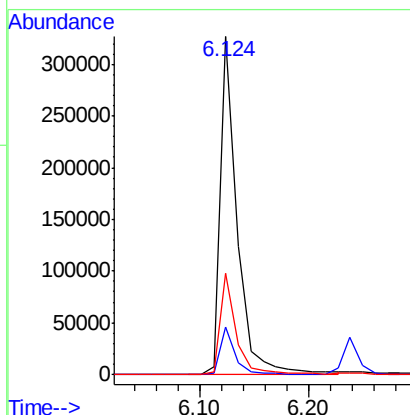




#7
Phenol-d6
Concen: 32.72 ng
RT: 6.124 min Scan# 397
Delta R.T. -0.012 min
Lab File: BF090223.D
Acq: 26 Sep 2016 16:08

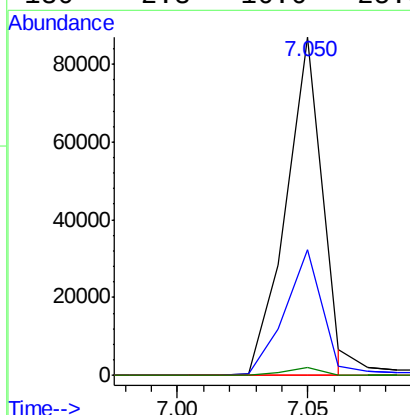
Instrument :
BNA_F
ClientSampleId :

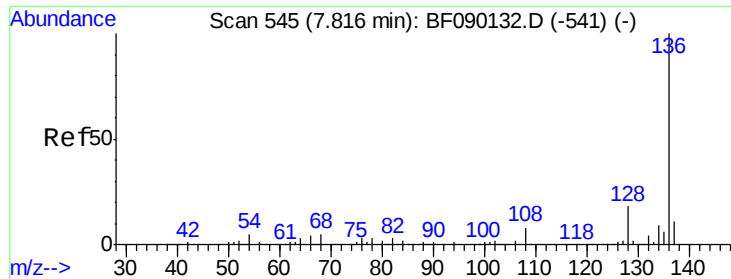
Tot Ion	Ratio	Lower	Upper
99	100		
42	13.9	10.6	15.8
71	29.8	23.0	34.6



#19
n-Nitroso-di-n-propylamine
Concen: 13.18 ng
RT: 7.050 min Scan# 478
Delta R.T. 0.137 min
Lab File: BF090223.D
Acq: 26 Sep 2016 16:08

Tgt Ion	Ratio	Lower	Upper
70	100		
42	37.0	35.1	52.7
101	0.0	7.5	11.3#
130	2.3	16.6	25.0#

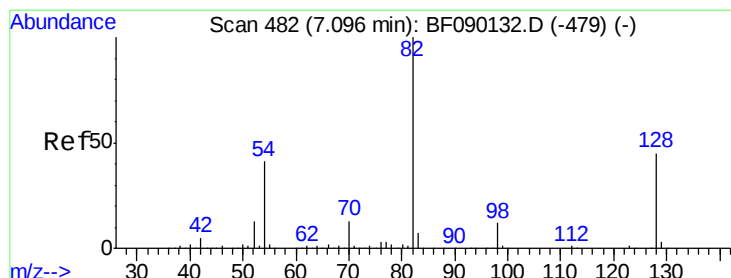
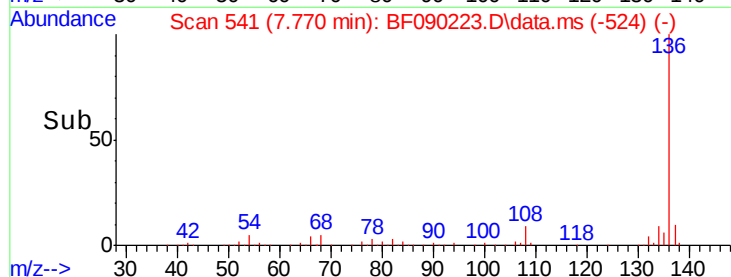
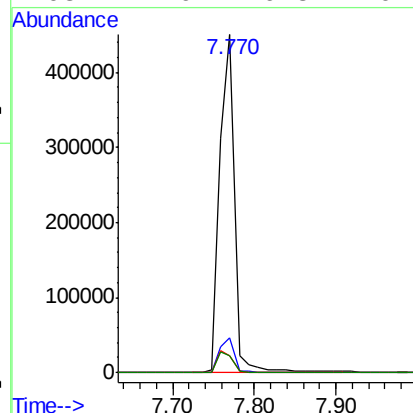
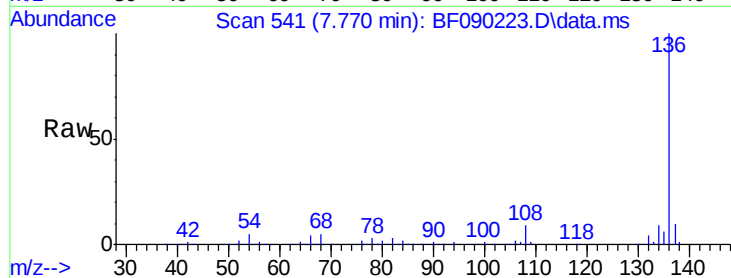




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.770 min Scan# 541
Delta R.T. -0.000 min
Lab File: BF090223.D
Acq: 26 Sep 2016 16:08

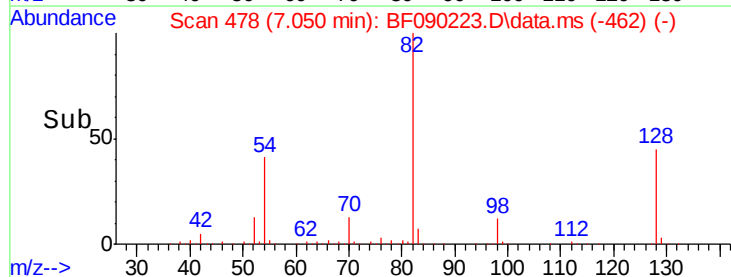
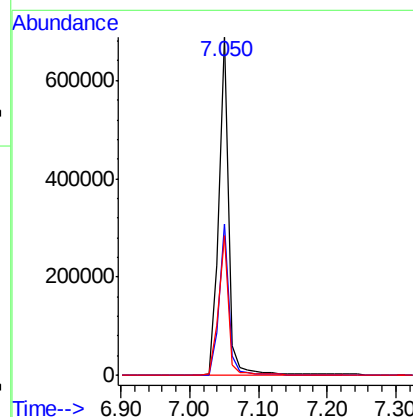
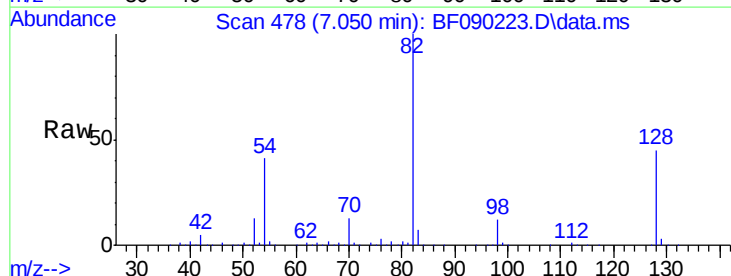
Instrument :
BNA_F
ClientSampleId :

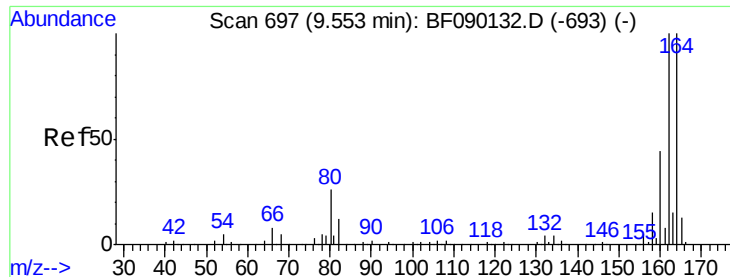
Tot Ion:	136	Resp:	566252
Ion Ratio	Lower	Upper	
136	100		
137	10.4	9.0	13.4
54	4.9	6.4	9.6#
68	4.9	6.3	9.5#



#23
Nitrobenzene-d5
Concen: 73.43 ng
RT: 7.050 min Scan# 478
Delta R.T. -0.012 min
Lab File: BF090223.D
Acq: 26 Sep 2016 16:08

Tgt Ion:	82	Resp:	717255
Ion Ratio	Lower	Upper	
82	100		
128	44.6	37.5	56.3
54	41.3	31.9	47.9





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.507 min Scan# 69

Delta R.T. -0.000 min

Lab File: BF090223.D

Acq: 26 Sep 2016 16:08

Instrument :

BNA_F

ClientSampleId :

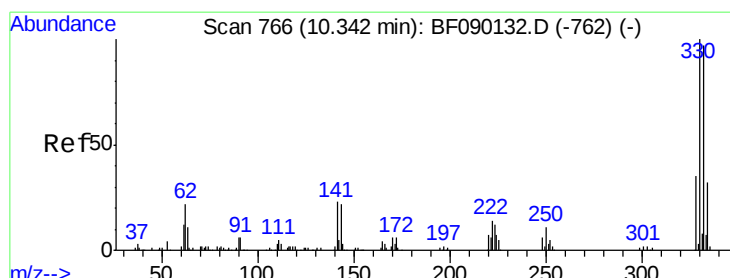
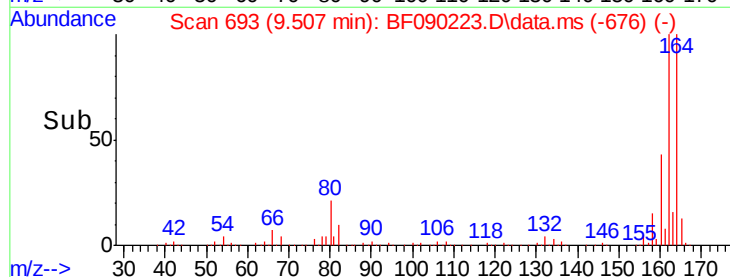
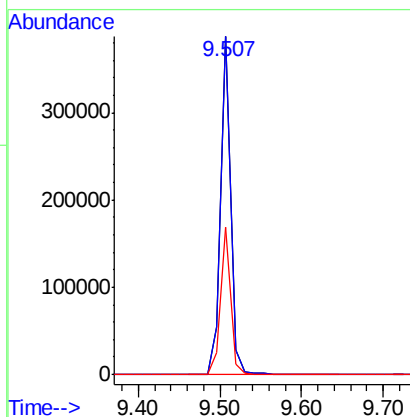
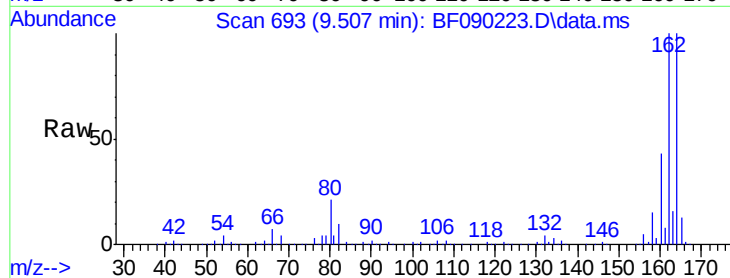
Tot Ion:164 Resp: 328297

Ion Ratio Lower Upper

164 100

162 100.0 81.4 122.2

160 43.5 36.6 54.8



#41

2,4,6-Tribromophenol

Concen: 112.49 ng

RT: 10.296 min Scan# 762

Delta R.T. -0.000 min

Lab File: BF090223.D

Acq: 26 Sep 2016 16:08

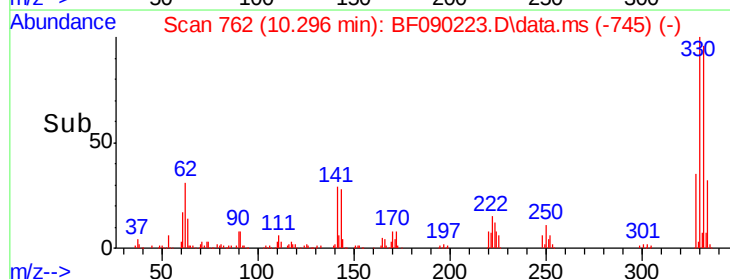
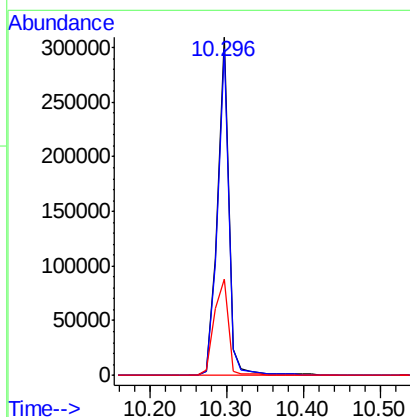
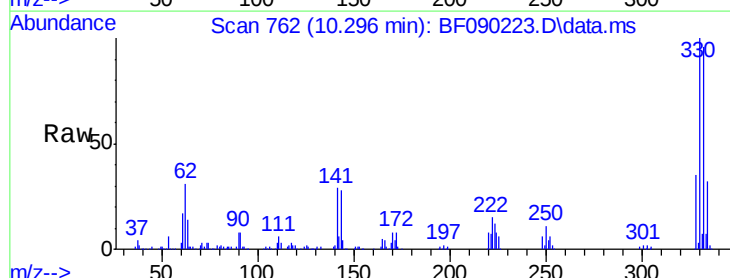
Tgt Ion:330 Resp: 316829

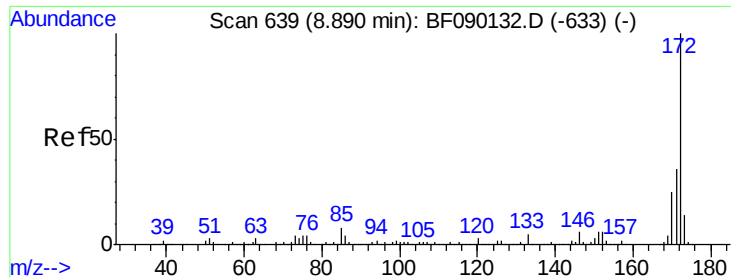
Ion Ratio Lower Upper

330 100

332 96.6 78.1 117.1

141 35.3 23.9 35.9



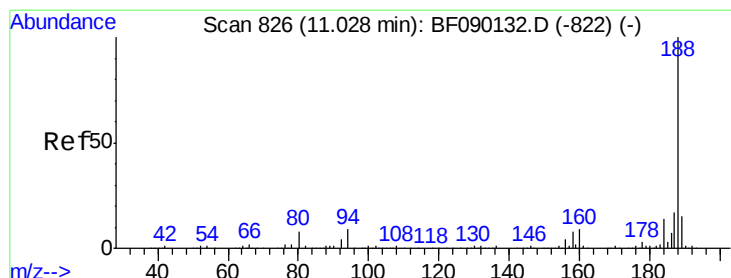
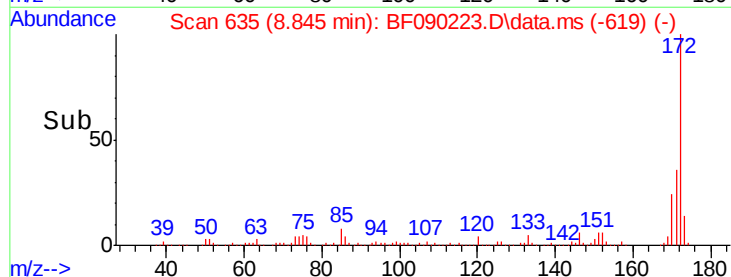
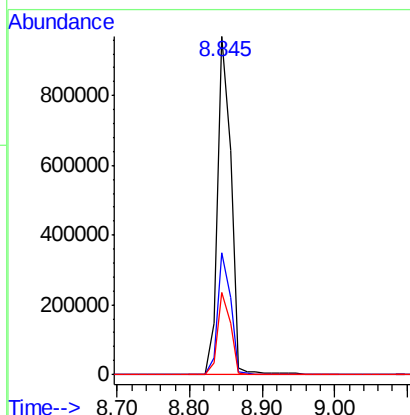
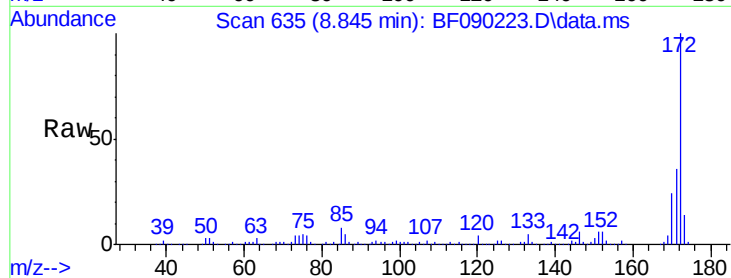


#44
 2-Fluorobiphenyl
 Concen: 74.61 ng
 RT: 8.845 min Scan# 63
 Delta R.T. -0.012 min
 Lab File: BF090223.D
 Acq: 26 Sep 2016 16:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1247699

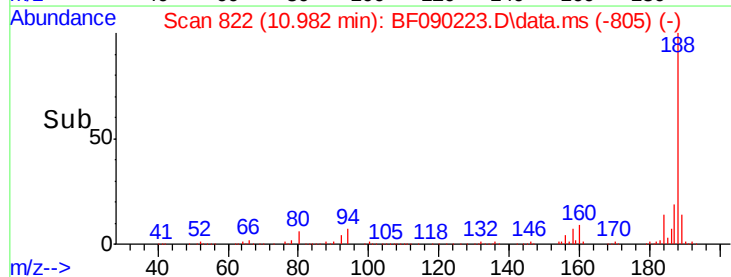
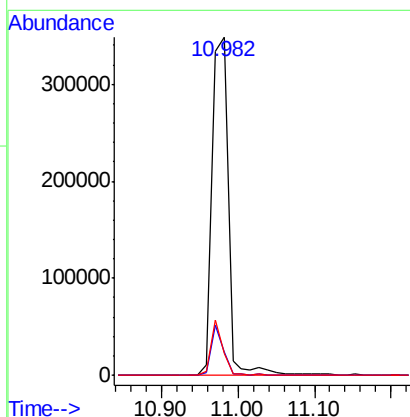
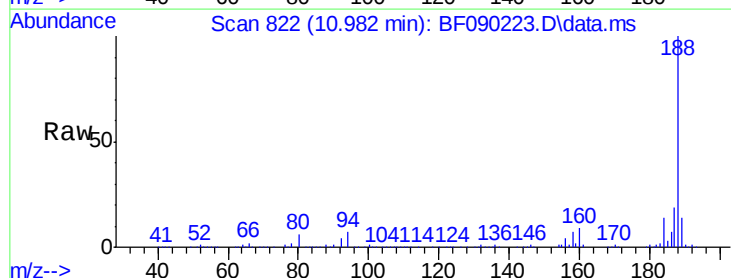
Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.2	43.8
170	24.3	19.8	29.8

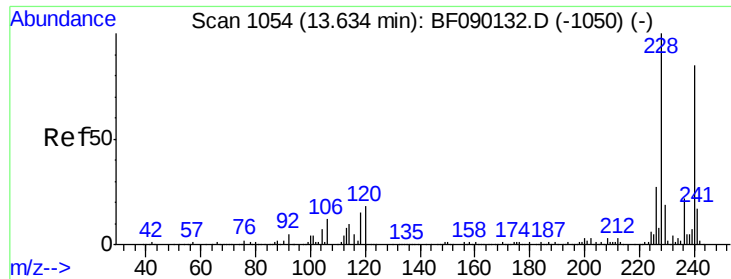


#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.982 min Scan# 822
 Delta R.T. -0.000 min
 Lab File: BF090223.D
 Acq: 26 Sep 2016 16:08

Tgt Ion:188 Resp: 510569

Ion	Ratio	Lower	Upper
188	100		
94	6.7	10.5	15.7#
80	6.4	11.2	16.8#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.588 min Scan# 10

Delta R.T. -0.012 min

Lab File: BF090223.D

Acq: 26 Sep 2016 16:08

Instrument :

BNA_F

ClientSampleId :

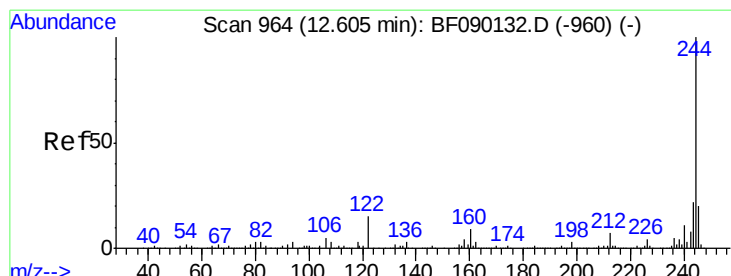
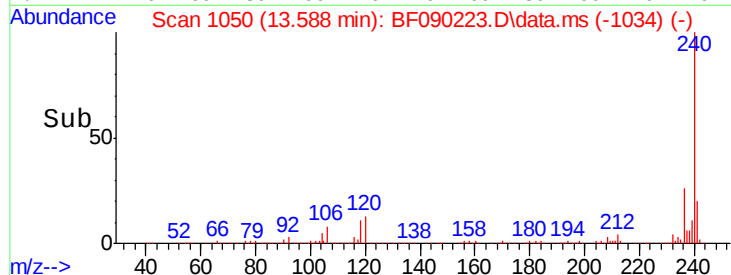
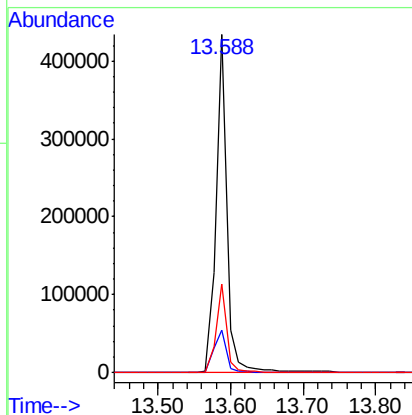
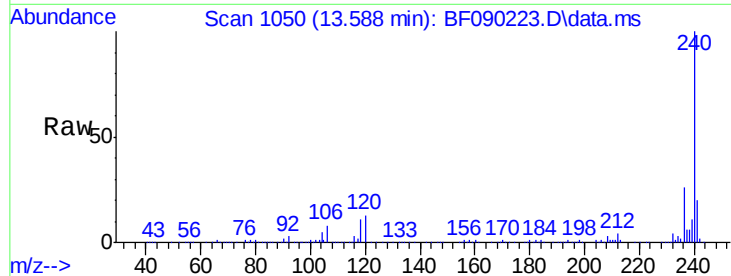
Tot Ion:240 Resp: 453355

Ion Ratio Lower Upper

240 100

120 12.6 10.6 16.0

236 26.3 21.6 32.4



#78

Terphenyl-d14

Concen: 70.73 ng

RT: 12.559 min Scan# 960

Delta R.T. -0.000 min

Lab File: BF090223.D

Acq: 26 Sep 2016 16:08

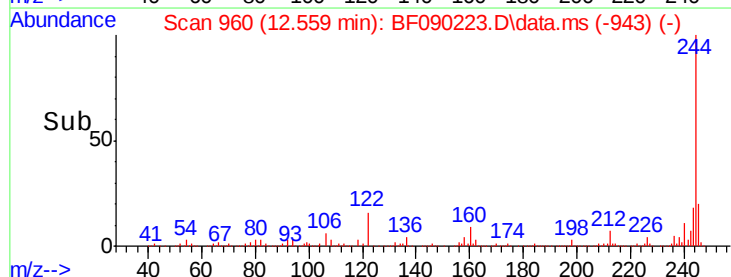
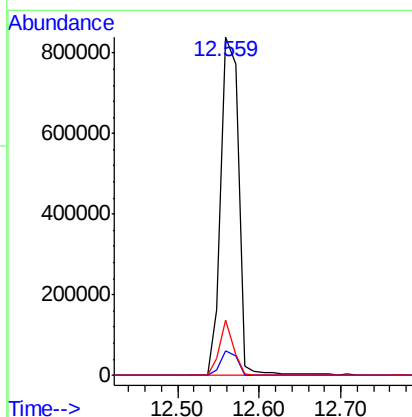
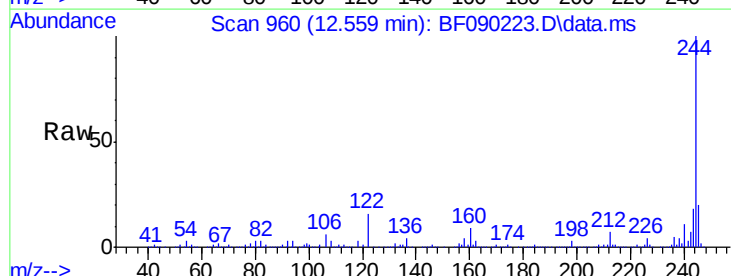
Tgt Ion:244 Resp: 1262997

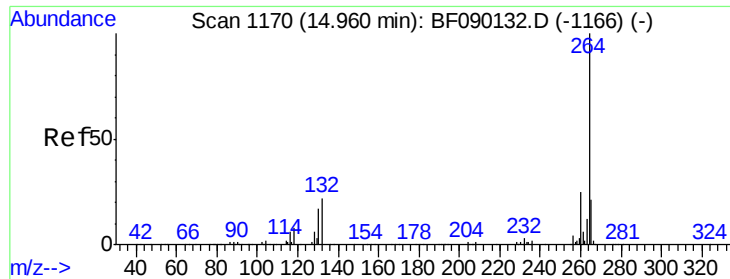
Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

122 16.2 9.4 14.0#





#86
Pervlene-d12
Concen: 20.00 ng
RT: 14.902 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF090223.D
Acq: 26 Sep 2016 16:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	22.4	17.0	25.4

