

Data Path : Z:\HPCHEM1\BNA F\Data\BF101216\
 Data File : BF090536.D
 Acq On : 12 Oct 2016 15:37
 Operator : UM/SJ
 Sample : H5153-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 12 17:18:20 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

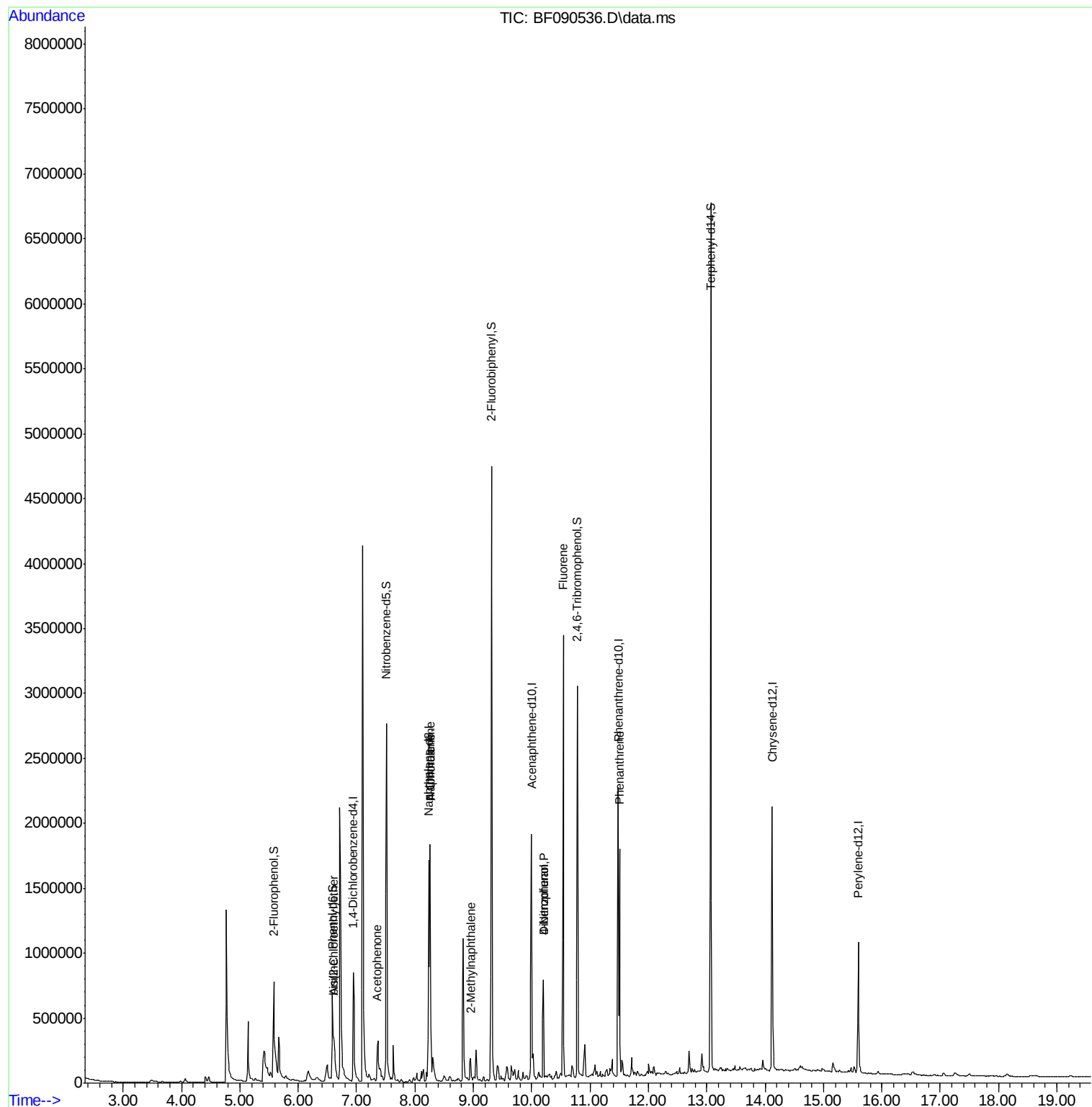
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.943	152	213606	20.00	ng	-0.01
21) Naphthalene-d8	8.234	136	907590	20.00	ng	-0.01
38) Acenaphthene-d10	9.995	164	472324	20.00	ng	-0.01
63) Phenanthrene-d10	11.480	188	788779	20.00	ng	0.00
75) Chrysene-d12	14.121	240	651379	20.00	ng	-0.01
86) Perylene-d12	15.595	264	445781	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.583	112	485367	35.35	ng	0.02
7) Phenol-d6	6.589	99	465458	26.86	ng	0.00
23) Nitrobenzene-d5	7.514	82	1263188	75.49	ng	0.00
41) 2,4,6-Tribromophenol	10.783	330	370920	79.22	ng	-0.01
44) 2-Fluorobiphenyl	9.309	172	2360064	83.97	ng	-0.01
78) Terphenyl-d14	13.069	244	2201672	82.60	ng	-0.01
Target Compounds						
6) Aniline	6.611	93	104829	4.77	ng	Qvalue 90
11) bis(2-Chloroethyl)ether	6.611	93	104829	7.17	ng	# 26
22) Acetophenone	7.354	105	57529	2.88	ng	# 93
31) Naphthalene	8.257	128	909787	20.12	ng	97
33) 4-Chloroaniline	8.257	127	121260	6.33	ng	# 31
37) 2-Methylnaphthalene	8.955	142	69645	2.29	ng	97
54) Dibenzofuran	10.200	168	409031	10.59	ng	96
55) 4-Nitrophenol	10.200	139	150750	22.29	ng	# 6
57) Fluorene	10.543	166	1033050	32.77	ng	99
70) Phenanthrene	11.503	178	606382	13.95	ng	96

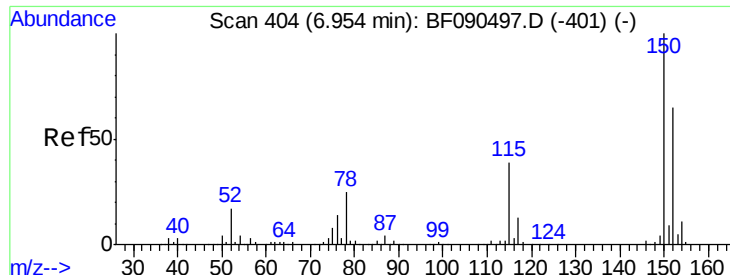
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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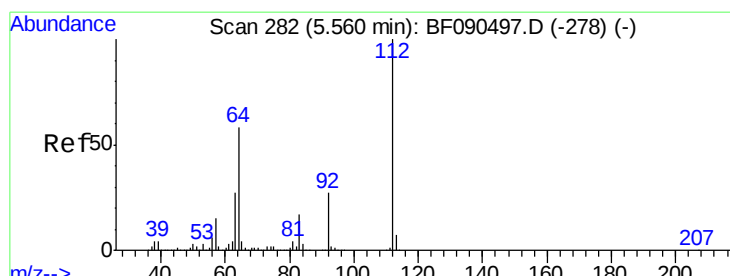
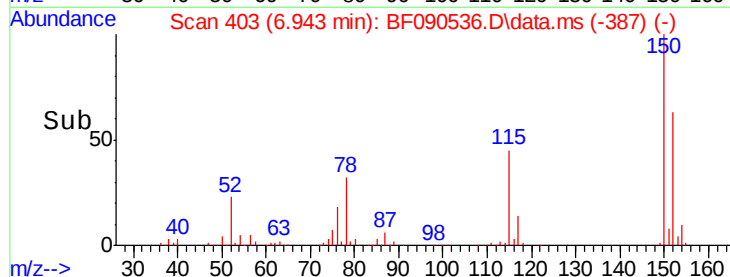
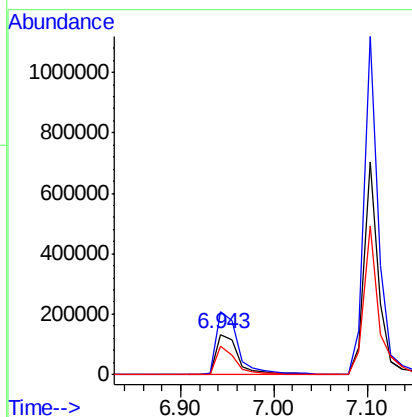
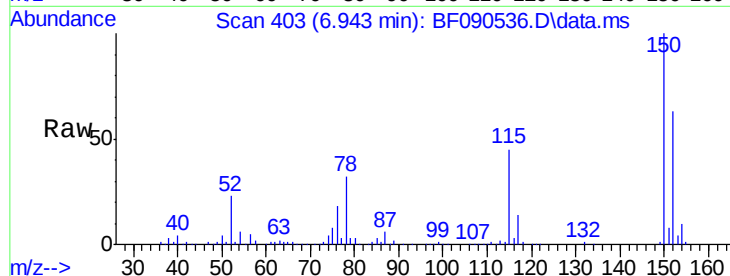




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.943 min Scan# 401
 Delta R.T. -0.011 min
 Lab File: BF090536.D
 Acq: 12 Oct 2016 15:37

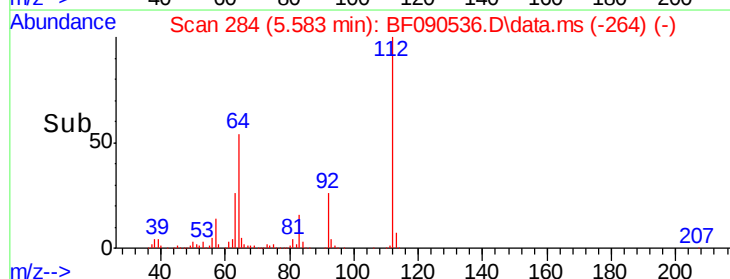
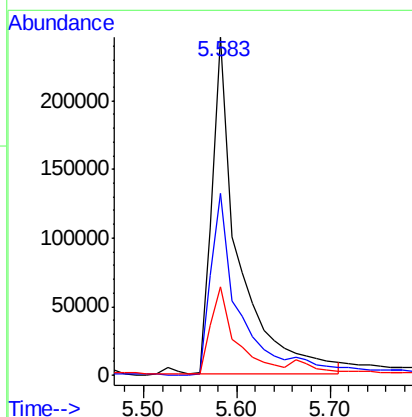
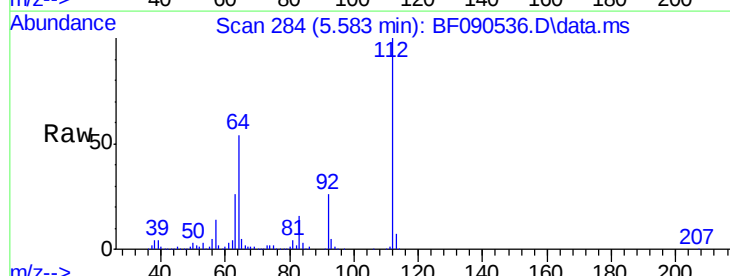
Instrument :
 BNA_F
 ClientSampleId :

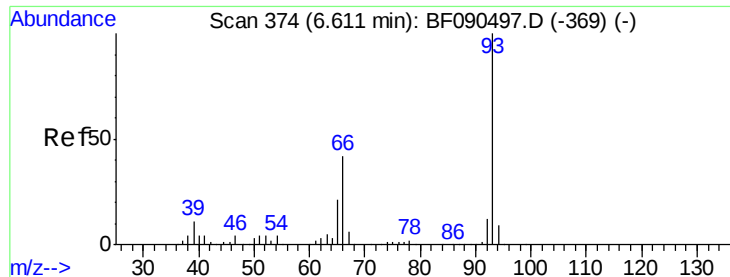
Tot Ion:152 Resp: 213606
 Ion Ratio Lower Upper
 152 100
 150 158.0 124.6 186.8
 115 71.8 46.2 69.4#



#5
 2-Fluorophenol
 Concen: 35.35 ng
 RT: 5.583 min Scan# 284
 Delta R.T. 0.024 min
 Lab File: BF090536.D
 Acq: 12 Oct 2016 15:37

Tgt Ion:112 Resp: 485367
 Ion Ratio Lower Upper
 112 100
 64 53.7 57.9 86.9#
 63 26.1 29.6 44.4#

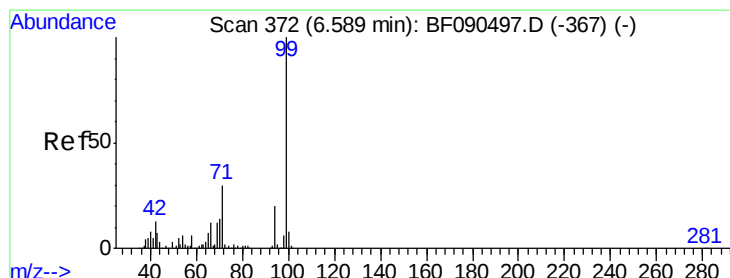
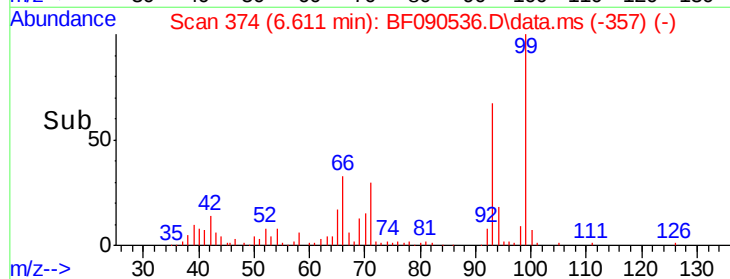
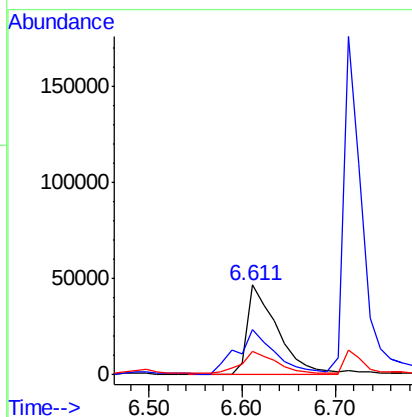
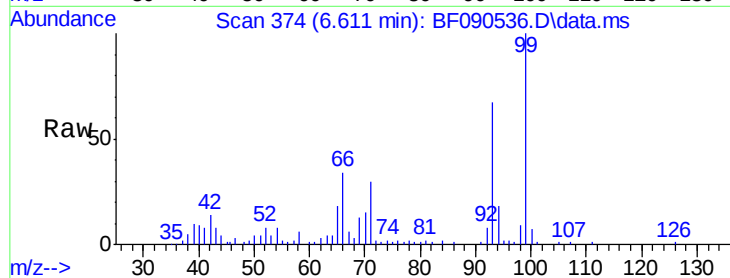




#6
Aniline
Concen: 4.77 ng
RT: 6.611 min Scan# 374
Delta R.T. -0.000 min
Lab File: BF090536.D
Acq: 12 Oct 2016 15:37

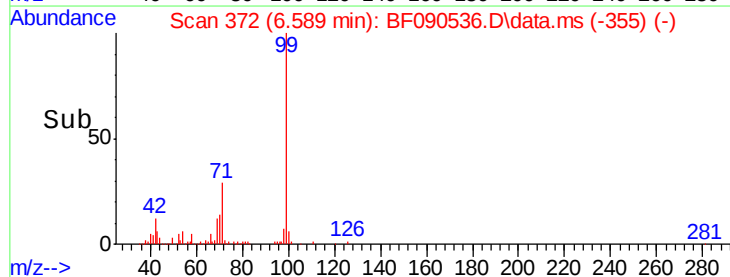
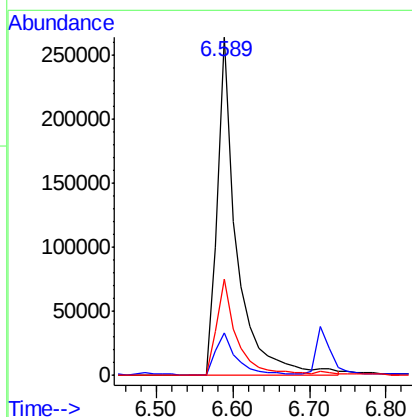
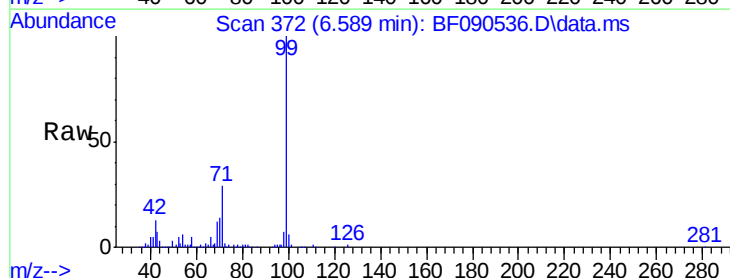
Instrument :
BNA_F
ClientSampleId :

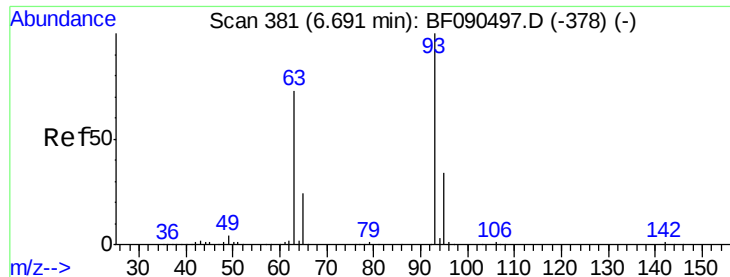
Tot Ion	Ratio	Lower	Upper
93	100		
66	50.4	34.5	51.7
65	26.6	18.2	27.2



#7
Phenol-d6
Concen: 26.86 ng
RT: 6.589 min Scan# 372
Delta R.T. -0.000 min
Lab File: BF090536.D
Acq: 12 Oct 2016 15:37

Tgt Ion	Ratio	Lower	Upper
99	100		
42	12.6	20.0	30.0#
71	28.6	27.9	41.9

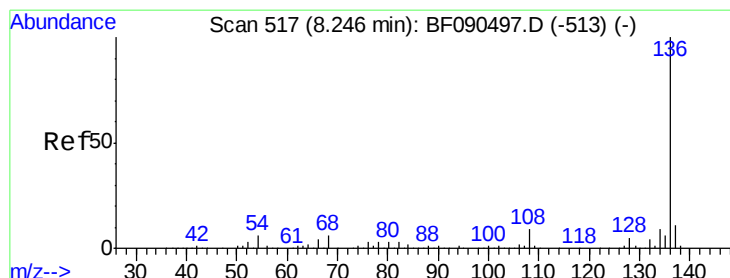
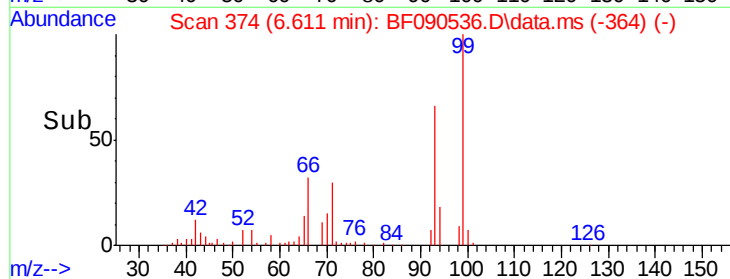
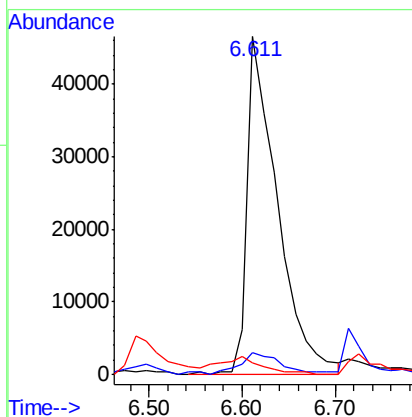
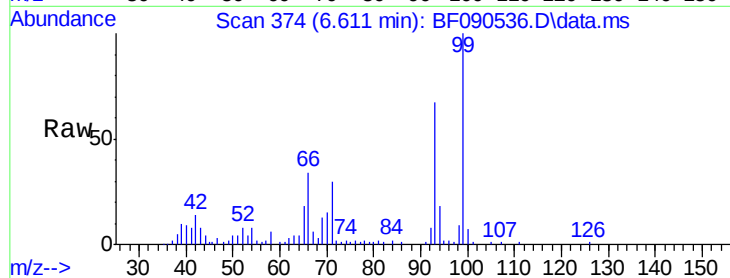




#11
bis(2-Chloroethyl)ether
Concen: 7.17 ng
RT: 6.611 min Scan# 37
Delta R.T. -0.080 min
Lab File: BF090536.D
Acq: 12 Oct 2016 15:37

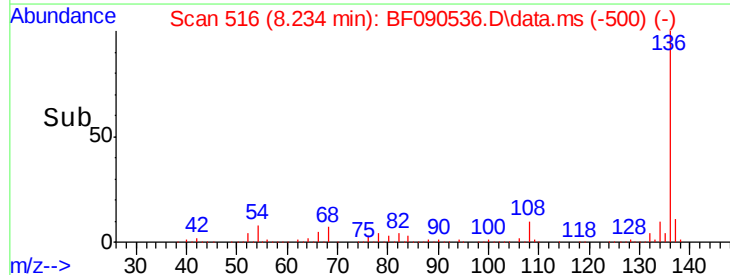
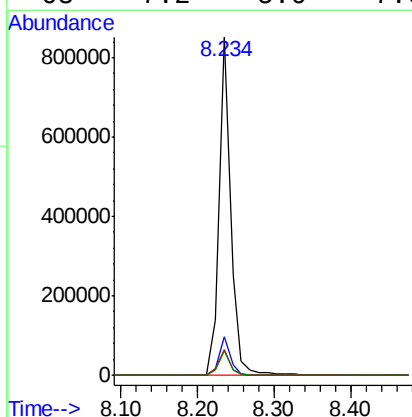
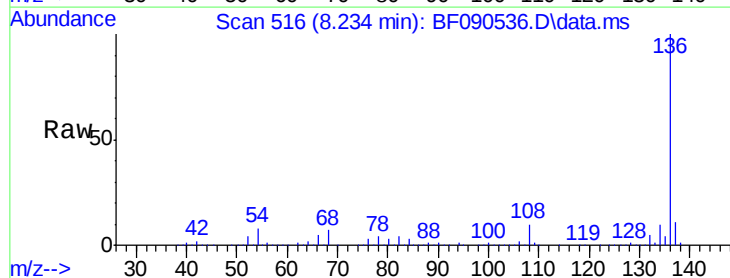
Instrument :
BNA_F
ClientSampleId :

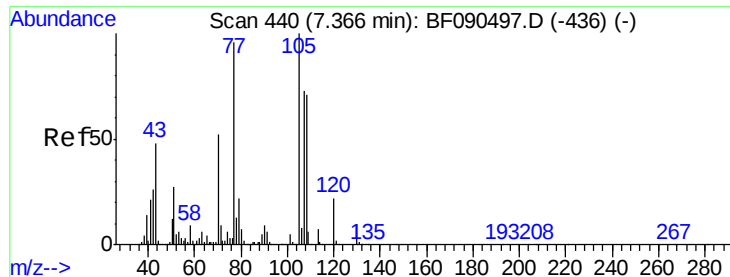
Tot Ion	Ratio	Lower	Upper
93	100		
63	6.4	59.7	99.7#
95	3.3	14.0	54.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.234 min Scan# 516
Delta R.T. -0.011 min
Lab File: BF090536.D
Acq: 12 Oct 2016 15:37

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.6
54	7.7	6.6	10.0
68	7.2	5.0	7.6





#22

Acetophenone

Concen: 2.88 ng

RT: 7.354 min Scan# 43

Delta R.T. -0.011 min

Lab File: BF090536.D

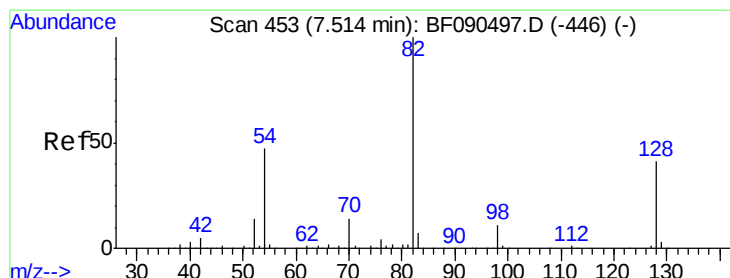
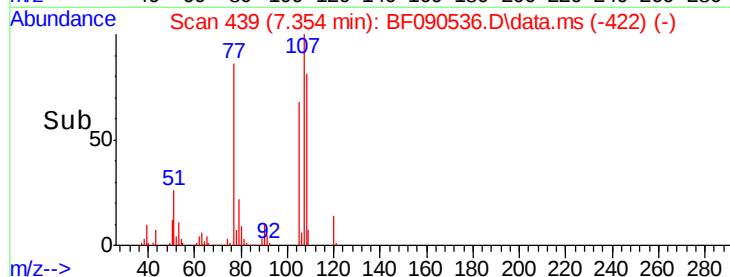
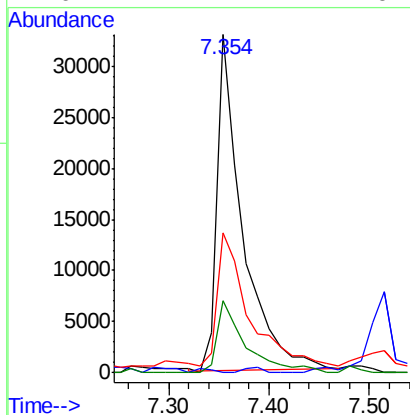
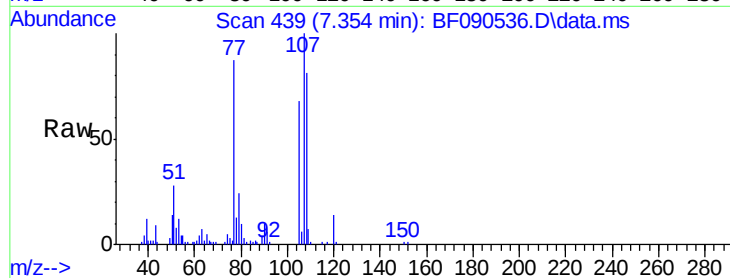
Acq: 12 Oct 2016 15:37

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	105	Resp:	57529
Ion Ratio	Lower	Upper	
105	100		
71	0.0	3.8	5.6#
51	41.5	28.2	42.4
120	21.4	17.4	26.2



#23

Nitrobenzene-d5

Concen: 75.49 ng

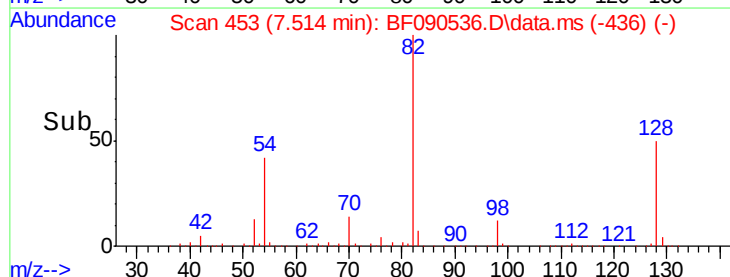
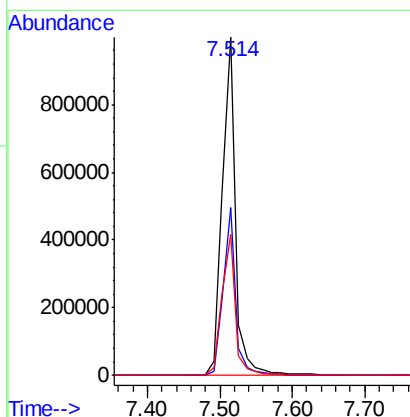
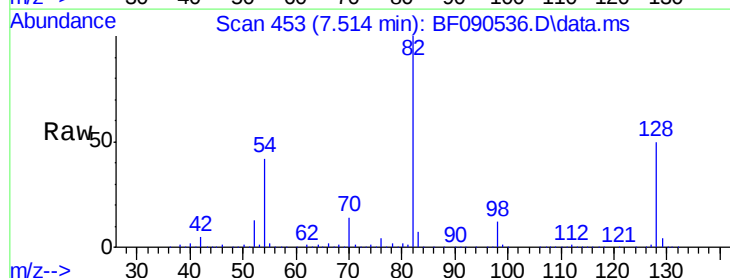
RT: 7.514 min Scan# 453

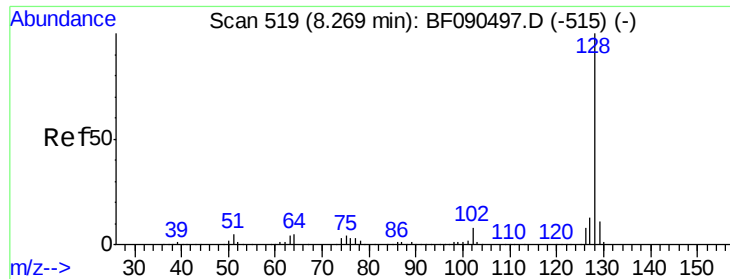
Delta R.T. 0.000 min

Lab File: BF090536.D

Acq: 12 Oct 2016 15:37

Tgt Ion:	82	Resp:	1263188
Ion Ratio	Lower	Upper	
82	100		
128	49.6	40.0	60.0
54	41.5	42.6	64.0#

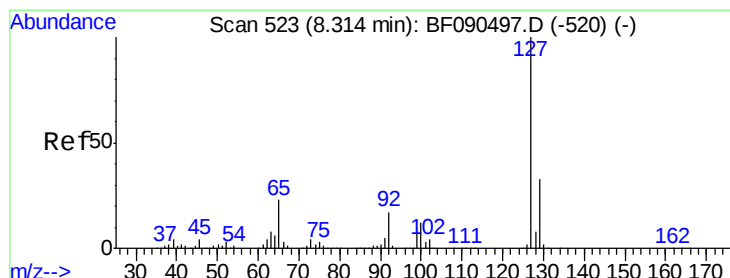
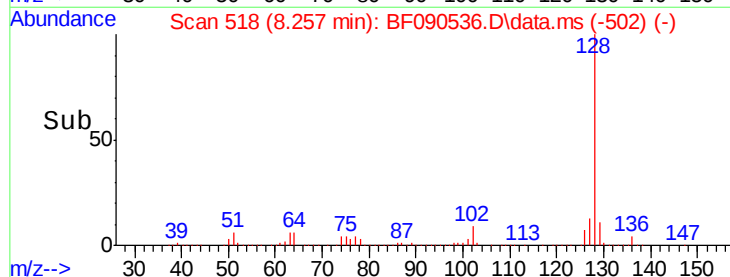
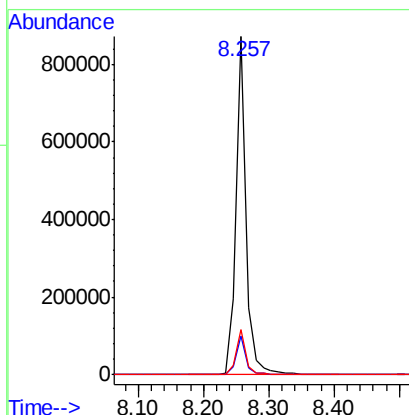
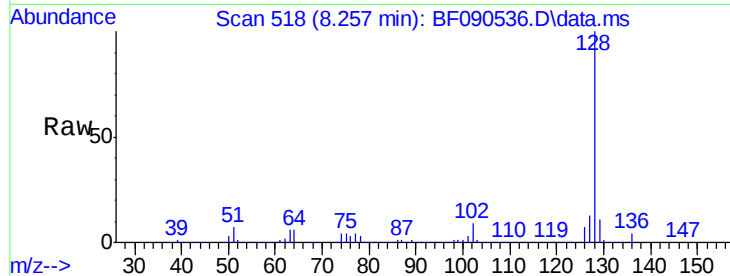




#31
Naphthalene
Concen: 20.12 ng
RT: 8.257 min Scan# 51
Delta R.T. -0.011 min
Lab File: BF090536.D
Acq: 12 Oct 2016 15:37

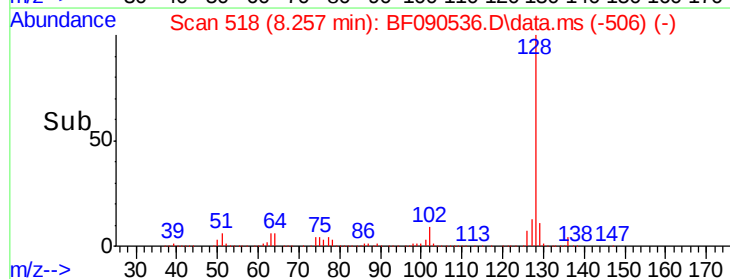
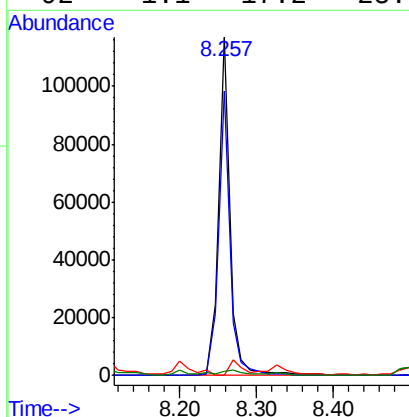
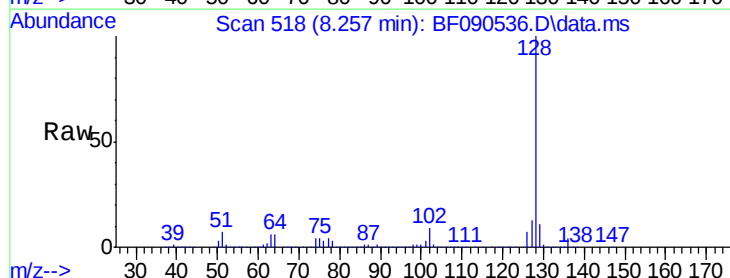
Instrument :
BNA_F
ClientSampleId :

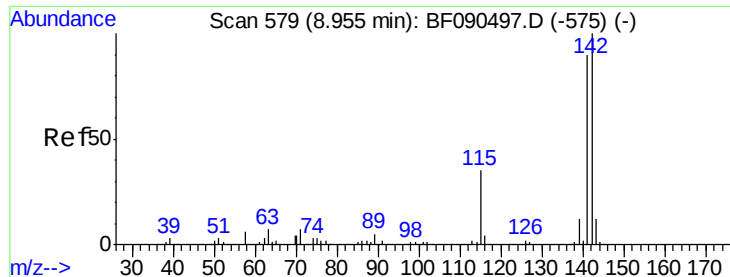
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.7	14.5
127	13.4	11.7	17.5



#33
4-Chloroaniline
Concen: 6.33 ng
RT: 8.257 min Scan# 518
Delta R.T. -0.057 min
Lab File: BF090536.D
Acq: 12 Oct 2016 15:37

Tgt Ion	Ratio	Lower	Upper
127	100		
129	84.2	26.2	39.4#
65	0.0	32.5	48.7#
92	1.1	17.2	25.8#

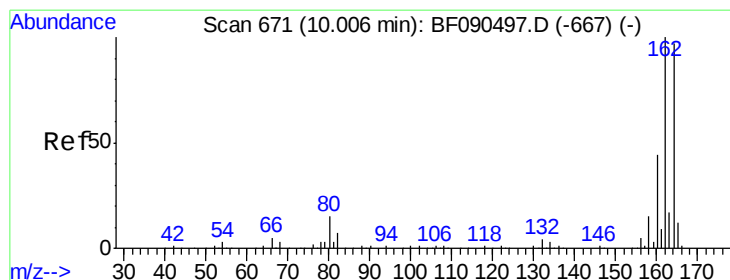
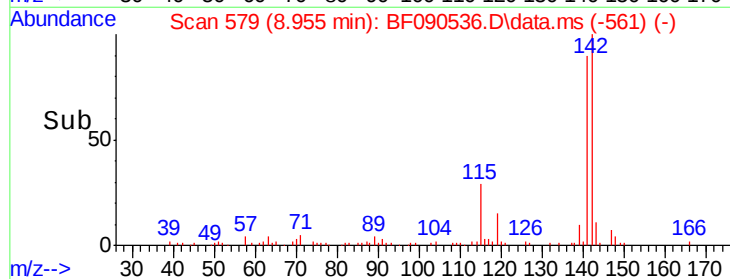
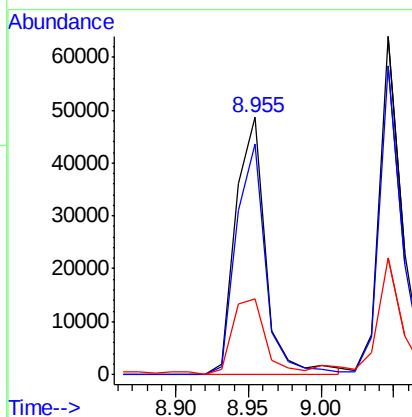
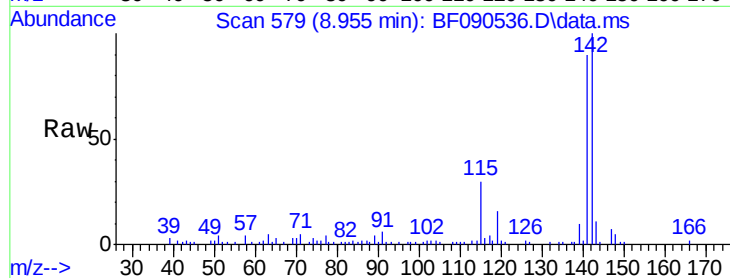




#37
 2-Methylnaphthalene
 Concen: 2.29 ng
 RT: 8.955 min Scan# 57
 Delta R.T. 0.001 min
 Lab File: BF090536.D
 Acq: 12 Oct 2016 15:37

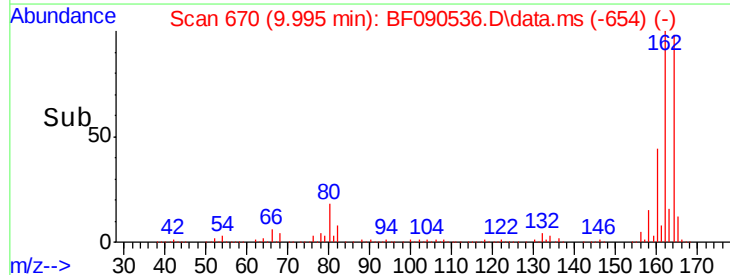
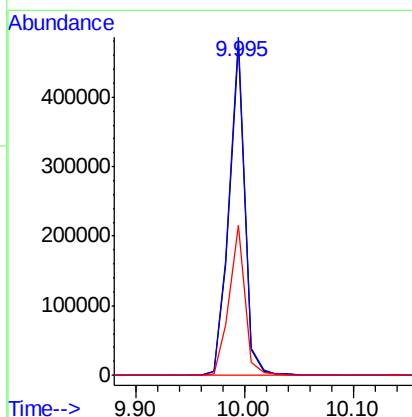
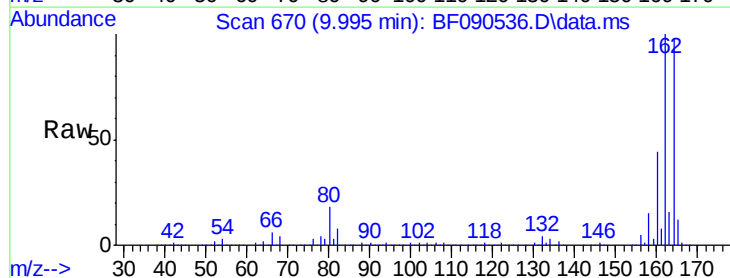
Instrument :
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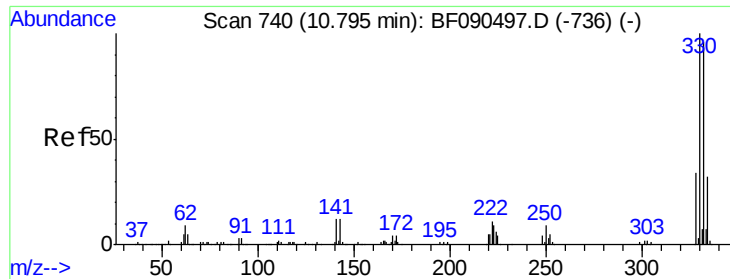
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.8	107.8
115	29.5	28.8	43.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.995 min Scan# 670
 Delta R.T. -0.011 min
 Lab File: BF090536.D
 Acq: 12 Oct 2016 15:37

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.3	80.1	120.1
160	45.5	36.3	54.5

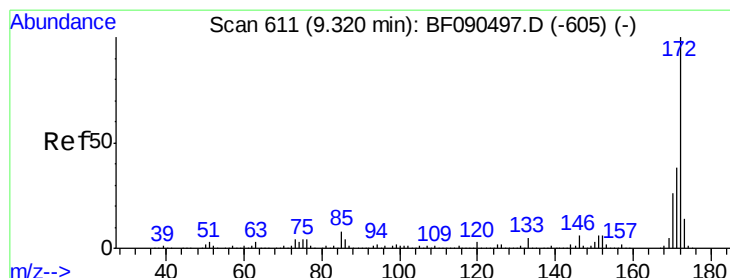
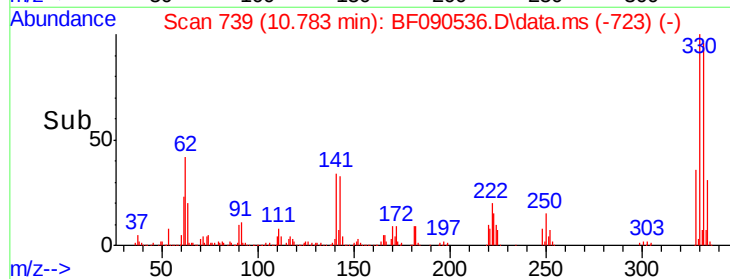
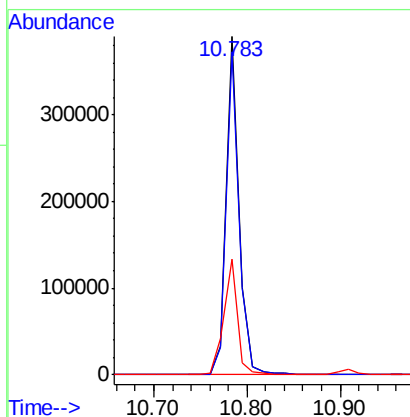
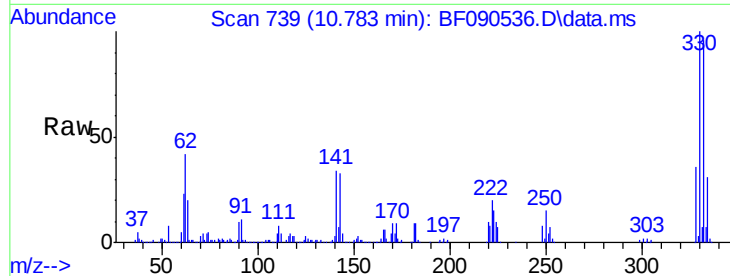




#41
 2,4,6-Tribromophenol
 Concen: 79.22 ng
 RT: 10.783 min Scan# 73
 Delta R.T. -0.011 min
 Lab File: BF090536.D
 Acq: 12 Oct 2016 15:37

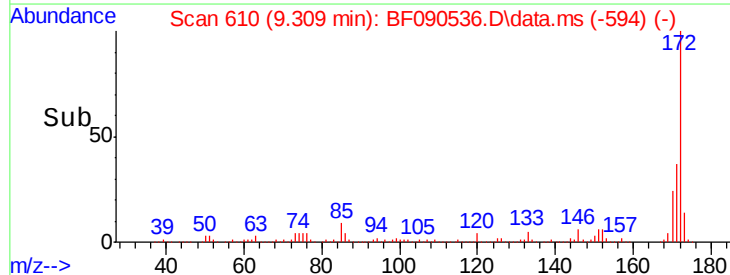
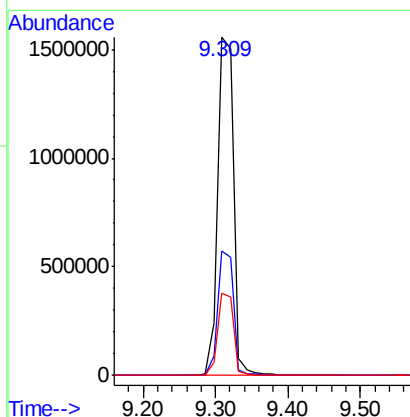
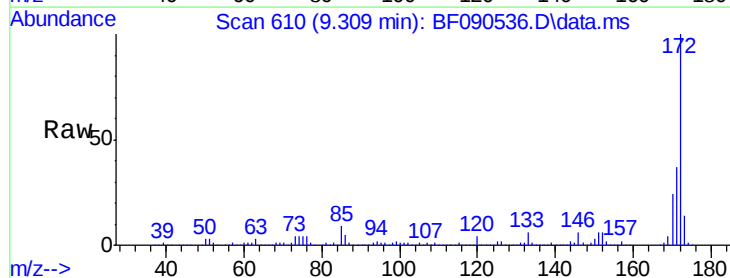
Instrument :
 BNA_F
 ClientSampleId :

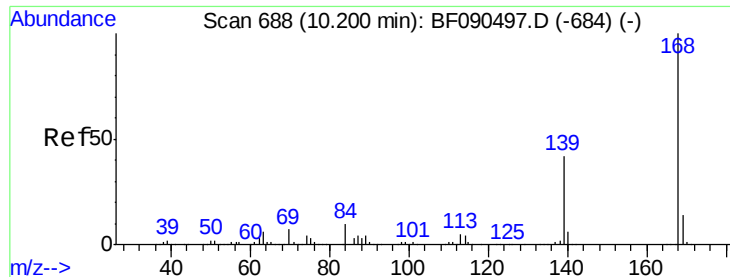
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	75.4	113.0
141	36.3	26.9	40.3



#44
 2-Fluorobiphenyl
 Concen: 83.97 ng
 RT: 9.309 min Scan# 610
 Delta R.T. -0.011 min
 Lab File: BF090536.D
 Acq: 12 Oct 2016 15:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	31.8	47.8
170	24.4	21.7	32.5





#54

Dibenzenofuran

Concen: 10.59 ng

RT: 10.200 min Scan# 688

Delta R.T. -0.000 min

Lab File: BF090536.D

Acq: 12 Oct 2016 15:37

Instrument :

BNA_F

ClientSampleId :

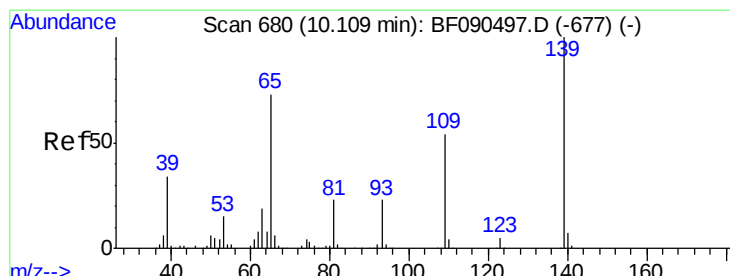
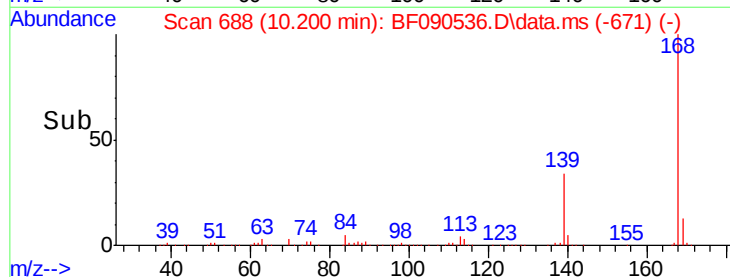
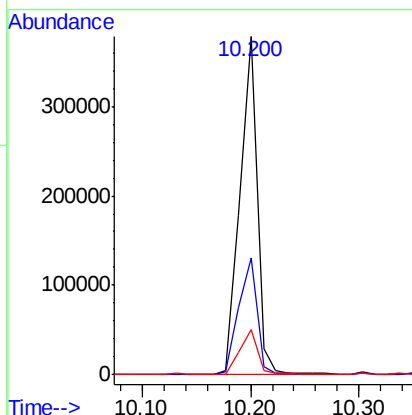
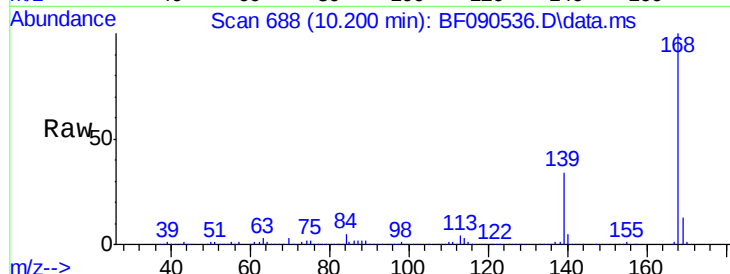
Tot Ion:168 Resp: 409031

Ion Ratio Lower Upper

168 100

139 34.3 29.6 44.4

169 13.1 11.3 16.9



#55

4-Nitrophenol

Concen: 22.29 ng

RT: 10.200 min Scan# 688

Delta R.T. 0.091 min

Lab File: BF090536.D

Acq: 12 Oct 2016 15:37

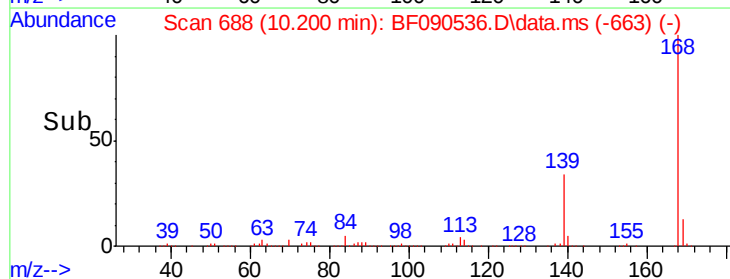
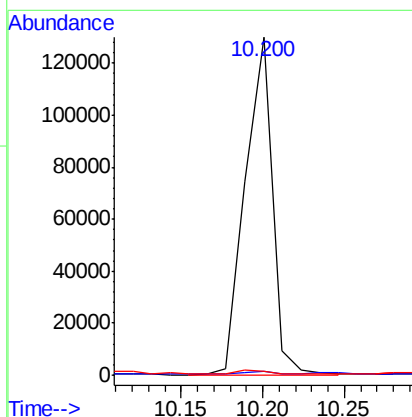
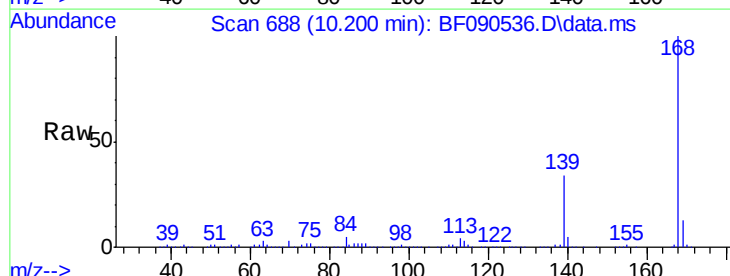
Tgt Ion:139 Resp: 150750

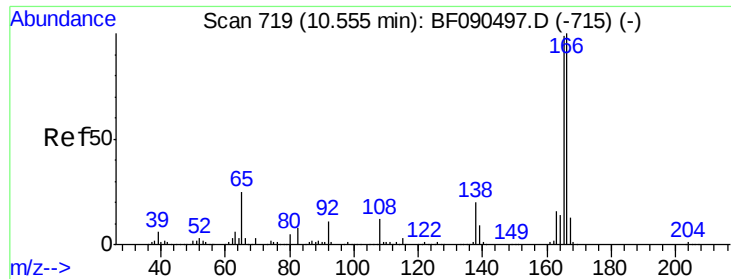
Ion Ratio Lower Upper

139 100

109 1.1 43.6 83.6#

65 1.3 87.5 127.5#

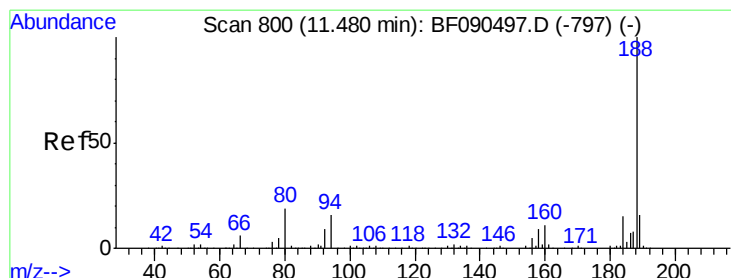
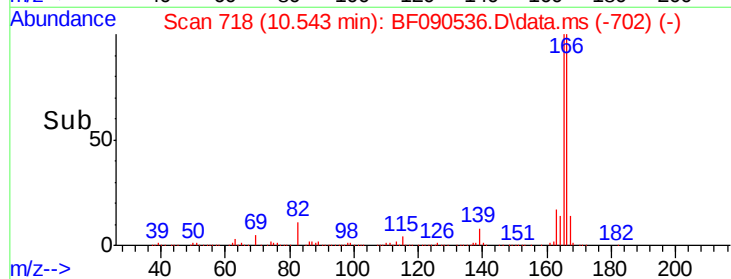
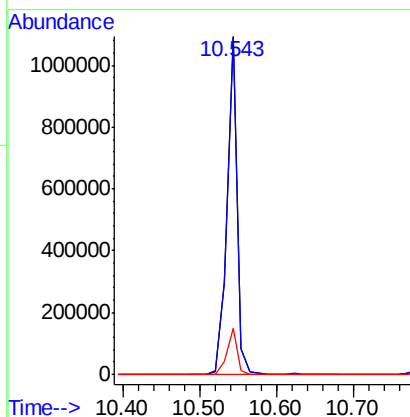
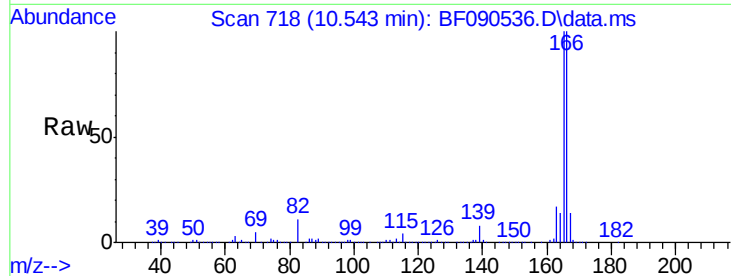




#57
 Fluorene
 Concen: 32.77 ng
 RT: 10.543 min Scan# 71
 Delta R.T. -0.011 min
 Lab File: BF090536.D
 Acq: 12 Oct 2016 15:37

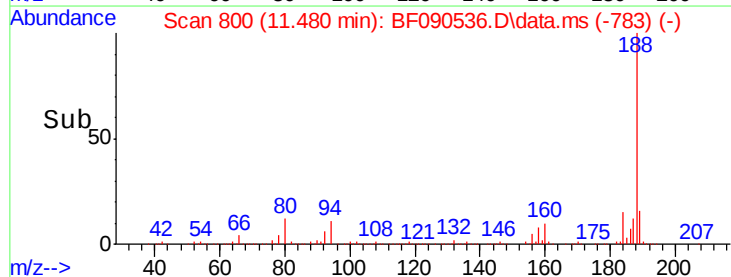
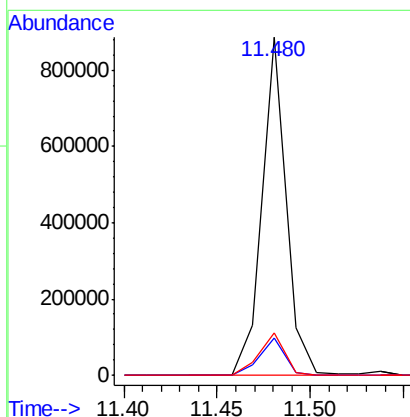
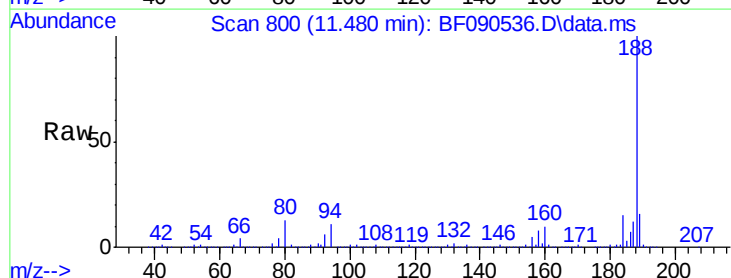
Instrument :
 BNA_F
 ClientSampled :

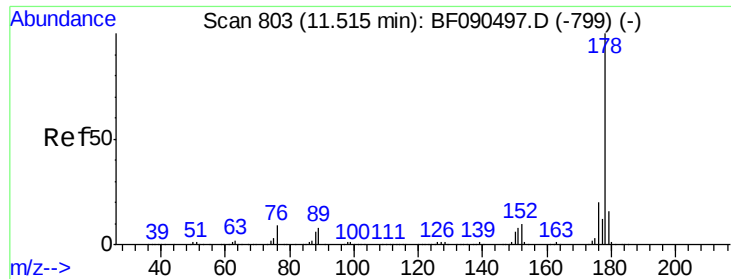
Tot Ion:166 Resp: 1033050
 Ion Ratio Lower Upper
 166 100
 165 99.7 79.2 118.8
 167 13.6 11.1 16.7



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.480 min Scan# 800
 Delta R.T. -0.000 min
 Lab File: BF090536.D
 Acq: 12 Oct 2016 15:37

Tgt Ion:188 Resp: 788779
 Ion Ratio Lower Upper
 188 100
 94 11.1 8.2 12.2
 80 12.5 8.8 13.2

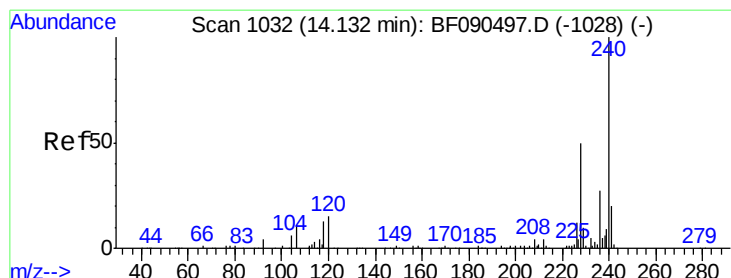
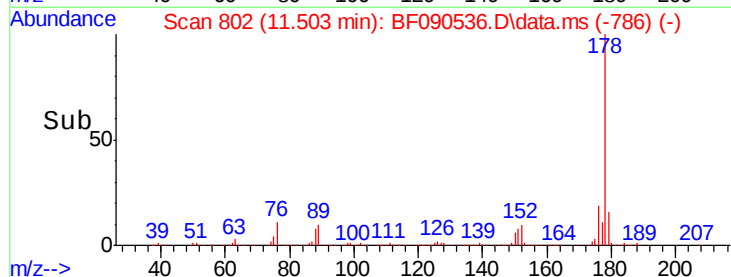
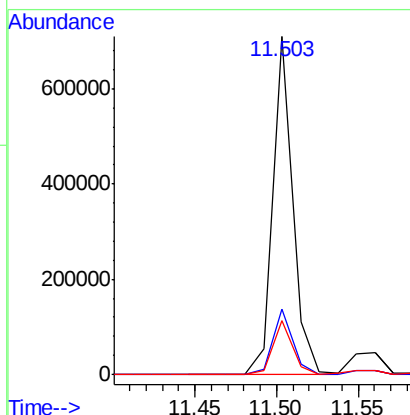
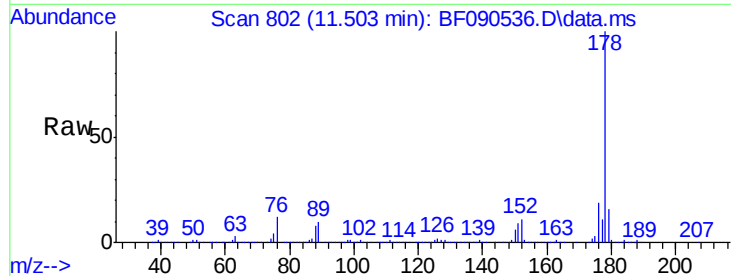




#70
Phenanthrene
Concen: 13.95 ng
RT: 11.503 min Scan# 80
Delta R.T. -0.011 min
Lab File: BF090536.D
Acq: 12 Oct 2016 15:37

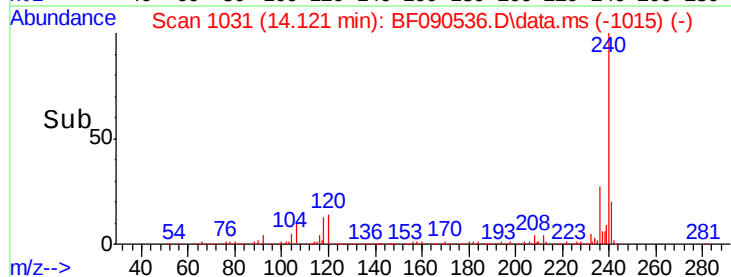
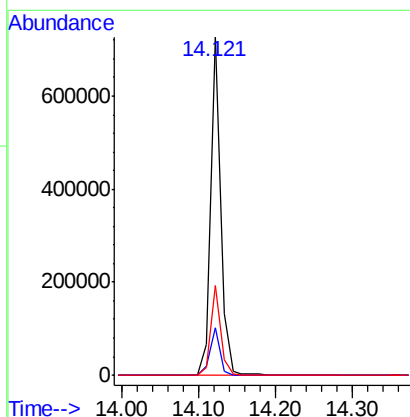
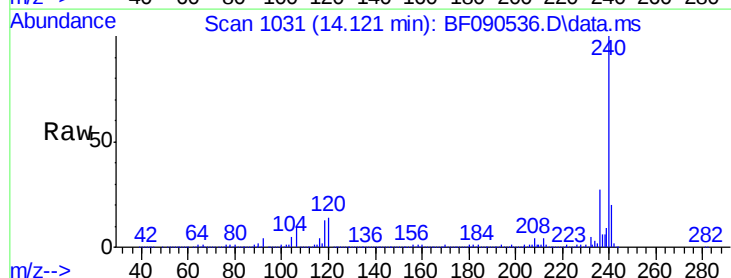
Instrument :
BNA_F
ClientSampleId :

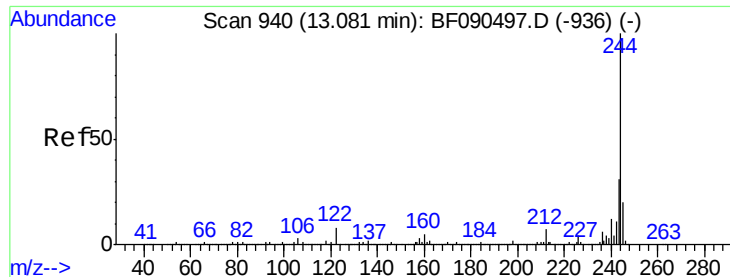
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	17.3	25.9
179	15.8	13.8	20.6



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.121 min Scan# 1031
Delta R.T. -0.011 min
Lab File: BF090536.D
Acq: 12 Oct 2016 15:37

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.1	8.6	13.0#
236	26.5	21.6	32.4





#78

Terphenyl-d14

Concen: 82.60 ng

RT: 13.069 min Scan# 93

Delta R.T. -0.011 min

Lab File: BF090536.D

Acq: 12 Oct 2016 15:37

Instrument :

BNA_F

ClientSampleId :

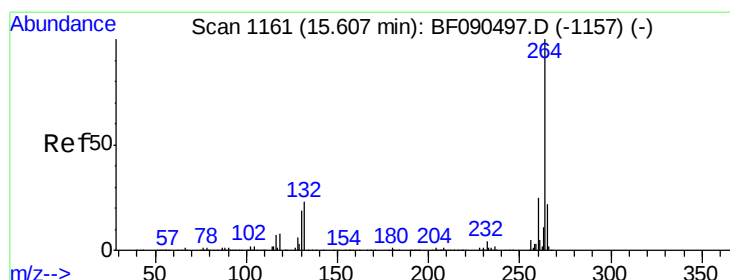
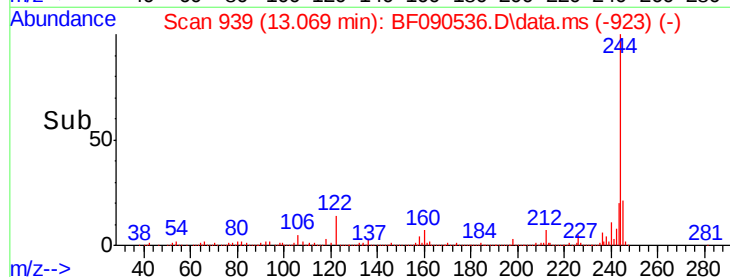
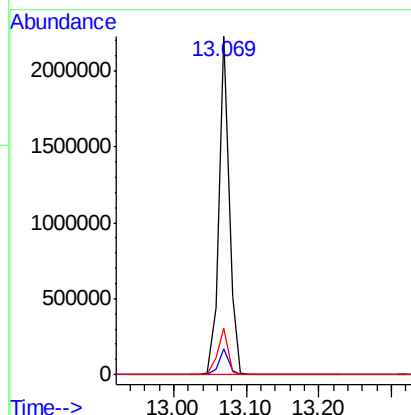
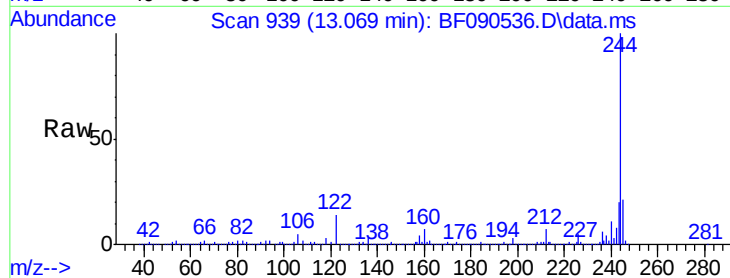
Tot Ion:244 Resp: 2201672

Ion Ratio Lower Upper

244 100

212 7.4 6.8 10.2

122 13.8 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: BF090536.D

Acq: 12 Oct 2016 15:37

Tgt Ion:264 Resp: 445781

Ion Ratio Lower Upper

264 100

260 24.7 19.3 28.9

265 21.9 17.4 26.0

