

Data Path : Z:\HPCHEM1\BNA F\Data\BF092916\
 Data File : BF090296.D
 Acq On : 29 Sep 2016 18:22
 Operator : UM/SJ
 Sample : H4982-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 29 18:50:09 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

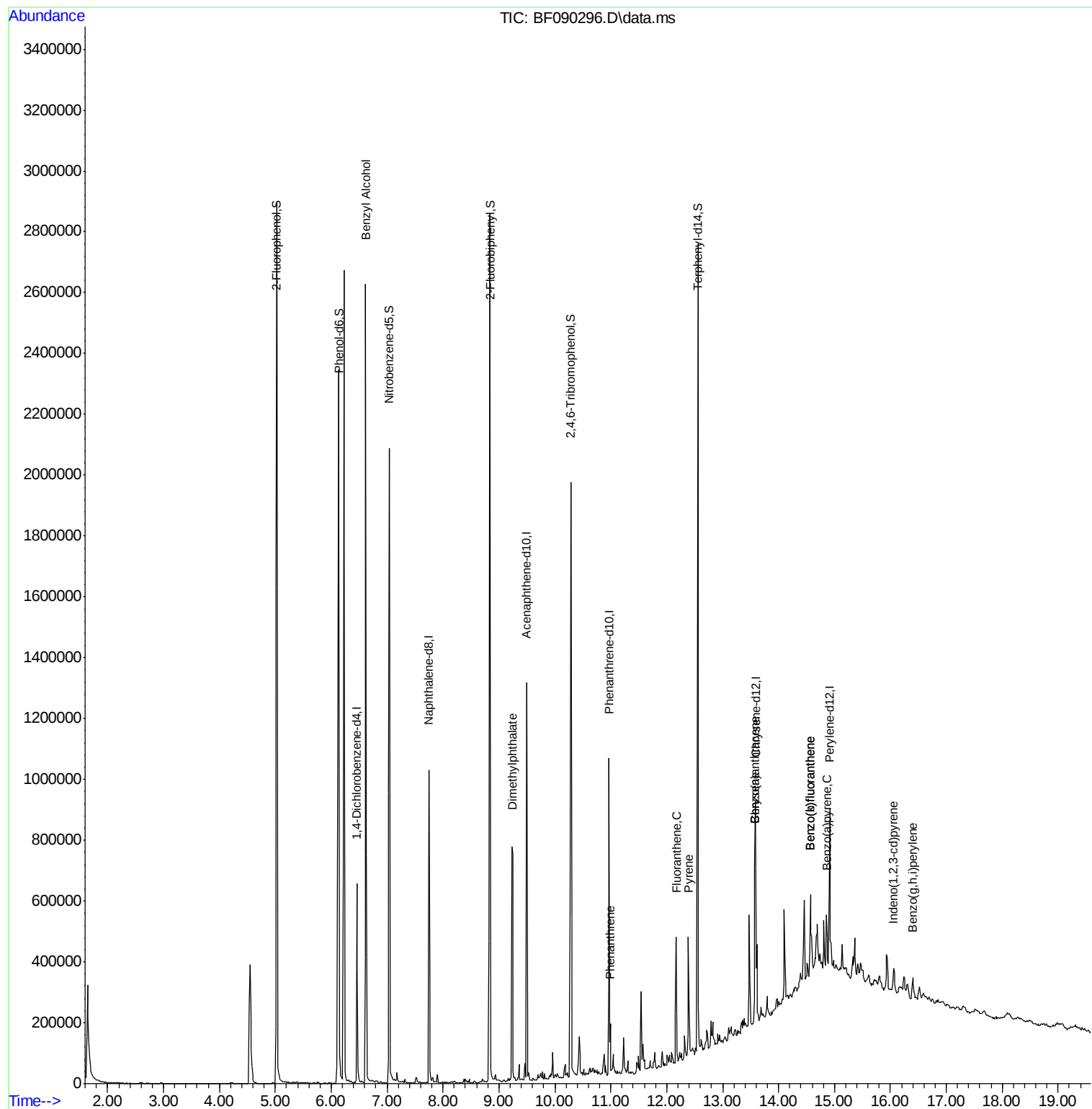
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.456	152	133769	20.00	ng	-0.02
21) Naphthalene-d8	7.748	136	510858	20.00	ng	-0.02
38) Acenaphthene-d10	9.496	164	270024	20.00	ng	-0.01
63) Phenanthrene-d10	10.971	188	389306	20.00	ng	-0.01
75) Chrysene-d12	13.588	240	269482	20.00	ng	-0.01
86) Perylene-d12	14.914	264	230137	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.027	112	1105202	134.67	ng	0.00
7) Phenol-d6	6.136	99	1647789	162.58	ng	0.00
23) Nitrobenzene-d5	7.039	82	868062	98.50	ng	-0.02
41) 2,4,6-Tribromophenol	10.285	330	289967	125.17	ng	-0.01
44) 2-Fluorobiphenyl	8.845	172	1448552	105.32	ng	-0.01
78) Terphenyl-d14	12.559	244	899625	84.76	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.616	79	12898	2.13	ng	Qvalue # 49
49) Dimethylphthalate	9.245	163	538987	31.34	ng	99
70) Phenanthrene	10.994	178	64667	3.55	ng	99
74) Fluoranthene	12.171	202	182916	9.36	ng	94
77) Pyrene	12.388	202	160976	8.73	ng	95
80) Benzo(a)anthracene	13.577	228	121751	8.40	ng	94
82) Chrysene	13.577	228	121751	8.62	ng	98
85) Indeno(1,2,3-cd)pyrene	16.057	276	50619	4.43	ng	93
87) Benzo(b)fluoranthene	14.571	252	166700	13.08	ng	98
88) Benzo(k)fluoranthene	14.571	252	166700	13.94	ng	# 94
89) Benzo(a)pyrene	14.857	252	85632	7.14	ng	# 89
91) Benzo(a,h,i)perylene	16.400	276	47958	5.24	ng	97

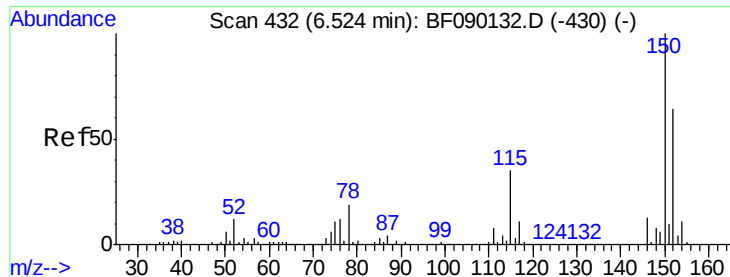
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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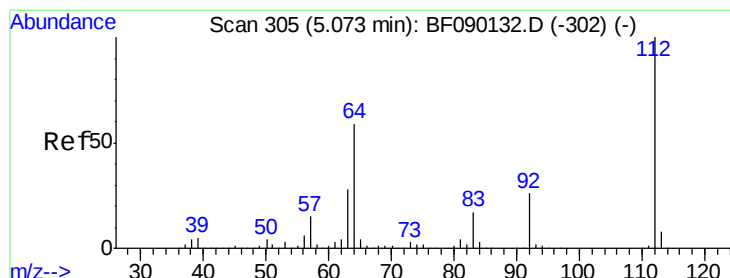
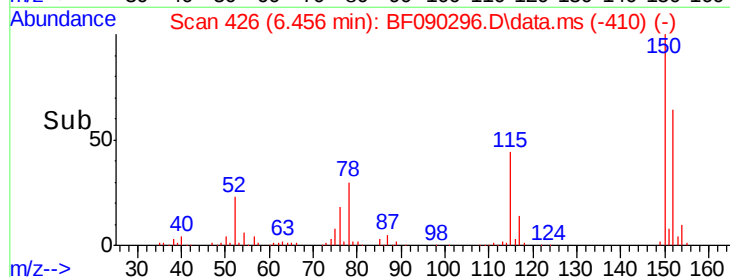
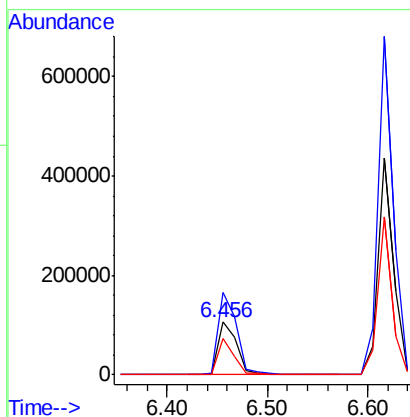
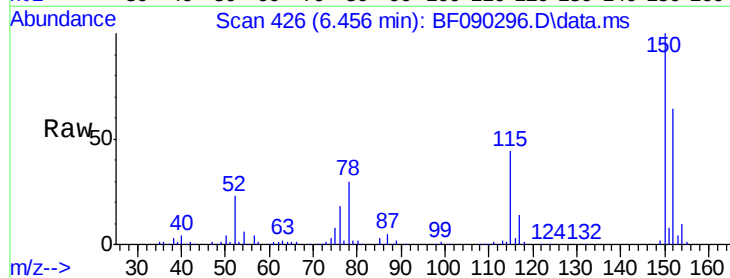




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.456 min Scan# 42
 Delta R.T. -0.023 min
 Lab File: BF090296.D
 Acq: 29 Sep 2016 18:22

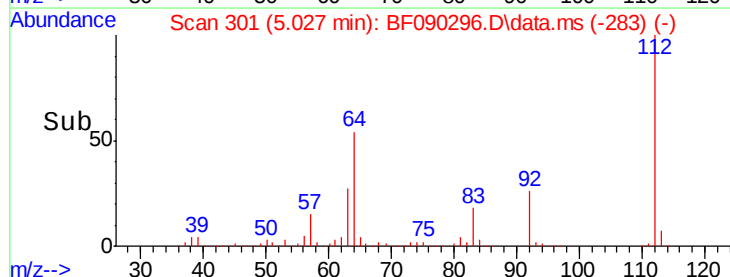
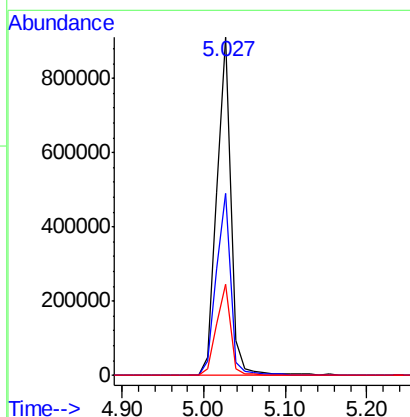
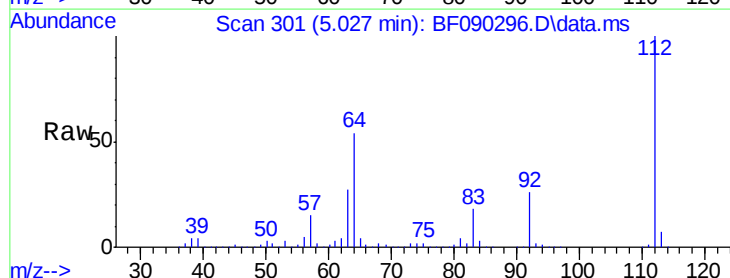
Instrument :
 BNA_F
 ClientSampleId :

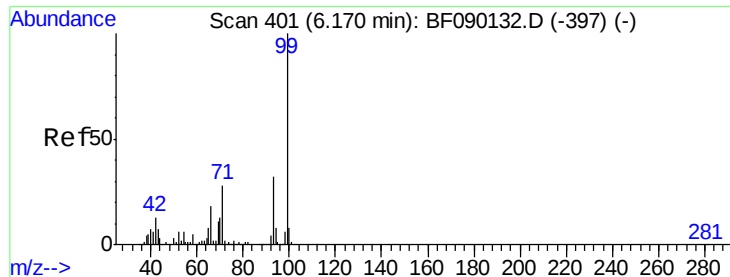
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	128.9	193.3
115	69.4	55.5	83.3



#5
 2-Fluorophenol
 Concen: 134.67 ng
 RT: 5.027 min Scan# 301
 Delta R.T. 0.000 min
 Lab File: BF090296.D
 Acq: 29 Sep 2016 18:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.8	39.8	59.6
63	26.8	18.9	28.3





#7

Phenol-d6

Concen: 162.58 ng

RT: 6.136 min Scan# 39

Delta R.T. 0.000 min

Lab File: BF090296.D

Acq: 29 Sep 2016 18:22

Instrument :

BNA_F

ClientSampleId :

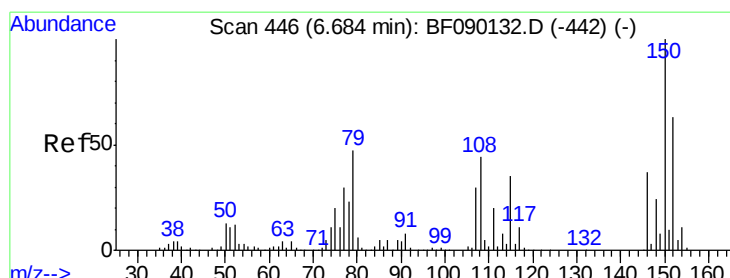
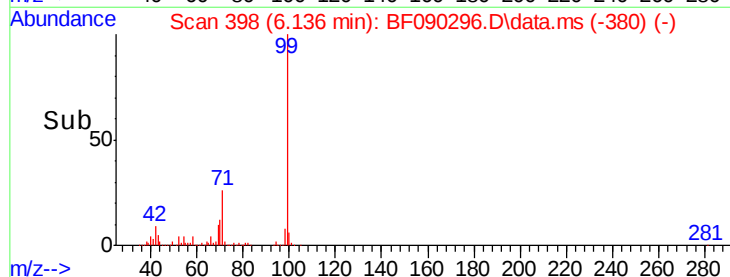
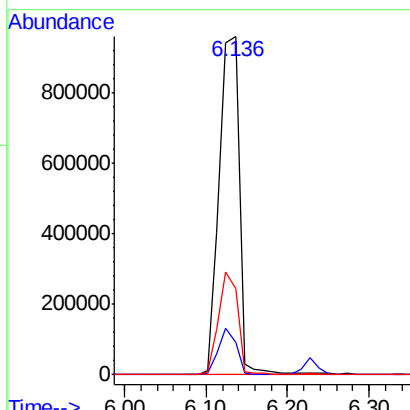
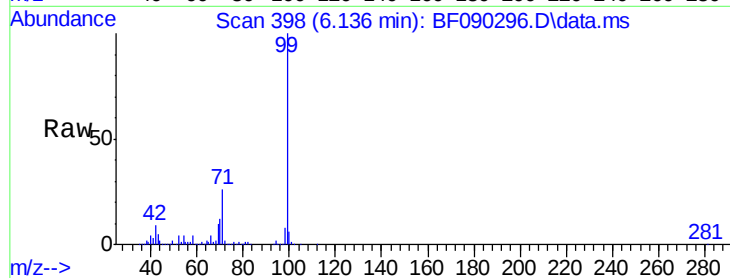
Tot Ion: 99 Resp: 1647789

Ion Ratio Lower Upper

99 100

42 9.5 10.6 15.8#

71 25.6 23.0 34.6



#15

Benzyl Alcohol

Concen: 2.13 ng

RT: 6.616 min Scan# 440

Delta R.T. -0.023 min

Lab File: BF090296.D

Acq: 29 Sep 2016 18:22

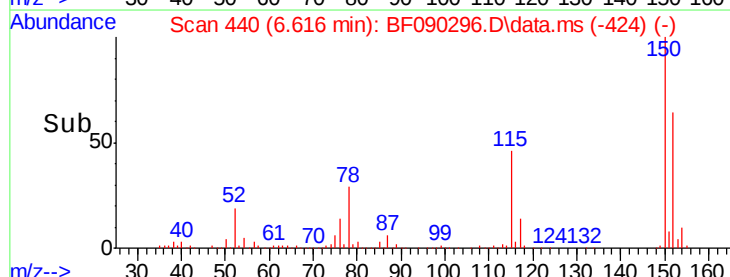
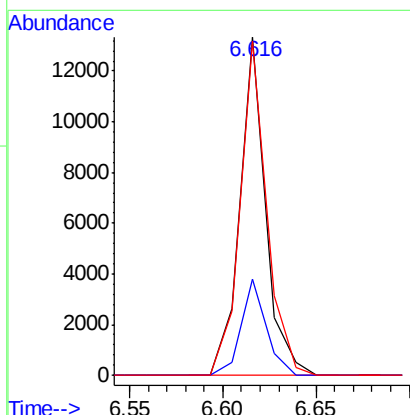
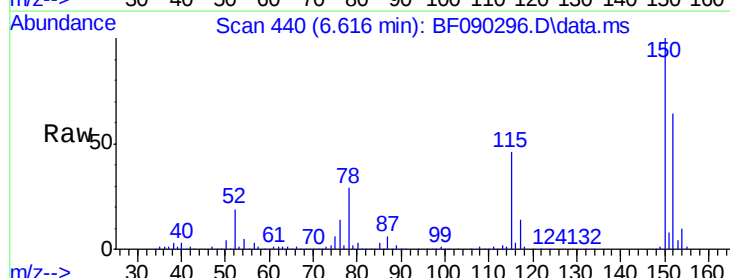
Tgt Ion: 79 Resp: 12898

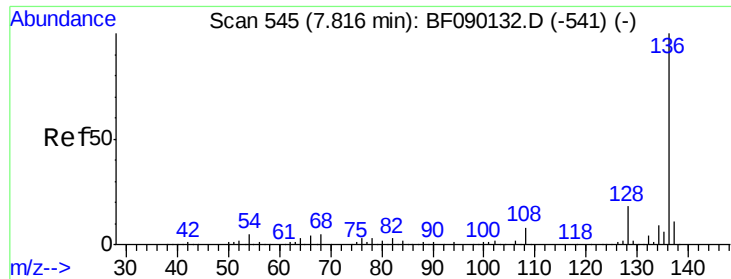
Ion Ratio Lower Upper

79 100

108 28.6 62.2 93.4#

77 98.9 51.4 77.0#

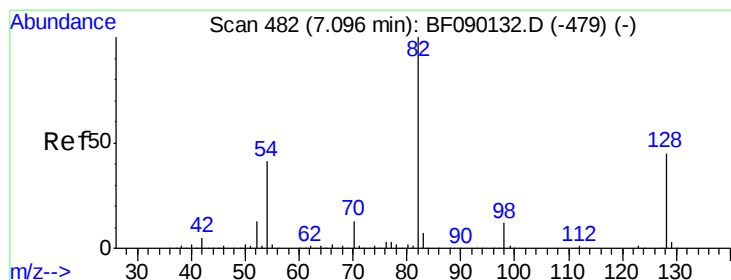
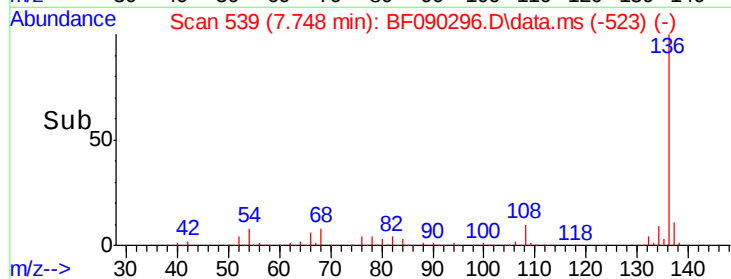
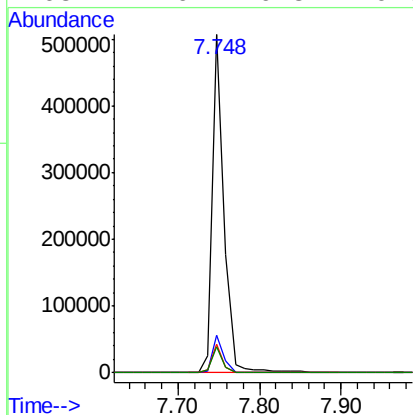
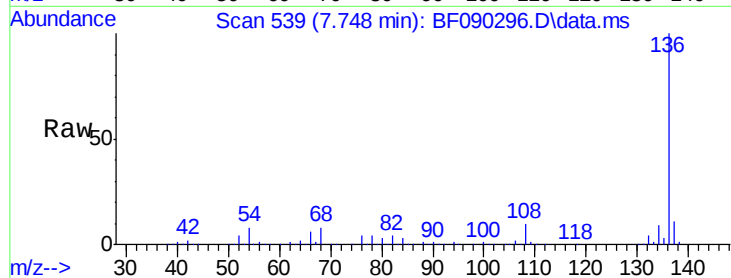




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.748 min Scan# 531
Delta R.T. -0.023 min
Lab File: BF090296.D
Acq: 29 Sep 2016 18:22

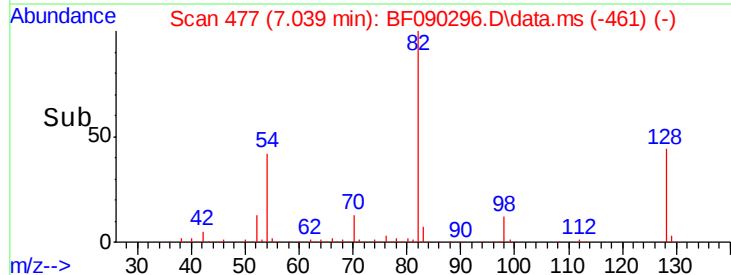
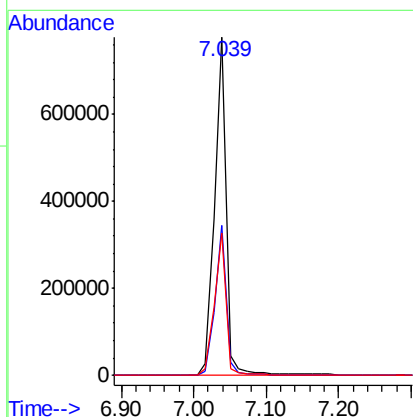
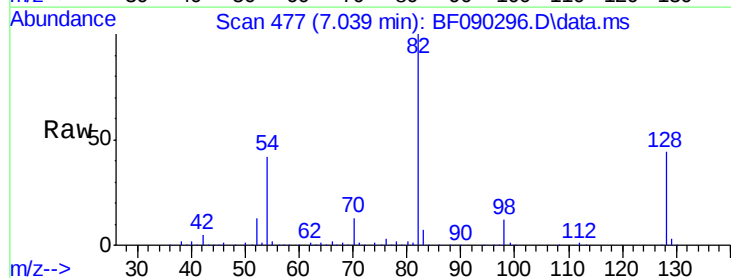
Instrument :
BNA_F
ClientSampleId :

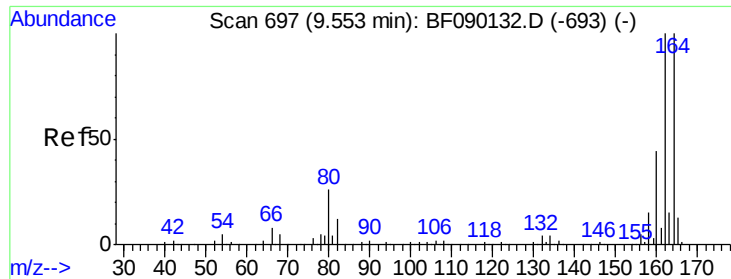
Tot Ion:	136	Resp:	510858
Ion Ratio	Lower	Upper	
136	100		
137	11.1	9.0	13.4
54	8.3	6.4	9.6
68	7.6	6.3	9.5



#23
Nitrobenzene-d5
Concen: 98.50 ng
RT: 7.039 min Scan# 477
Delta R.T. -0.023 min
Lab File: BF090296.D
Acq: 29 Sep 2016 18:22

Tgt Ion:	82	Resp:	868062
Ion Ratio	Lower	Upper	
82	100		
128	44.3	37.5	56.3
54	42.2	31.9	47.9





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.496 min Scan# 69

Delta R.T. -0.011 min

Lab File: BF090296.D

Acq: 29 Sep 2016 18:22

Instrument :

BNA_F

ClientSampleId :

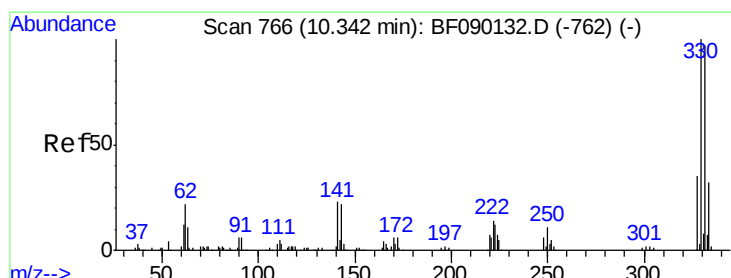
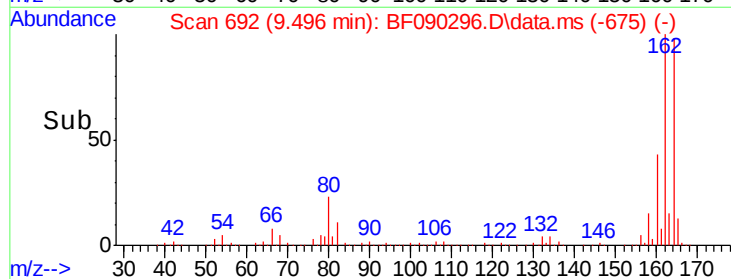
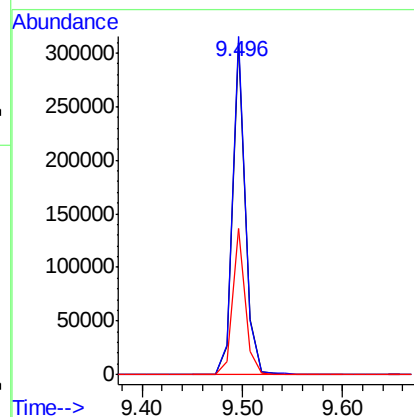
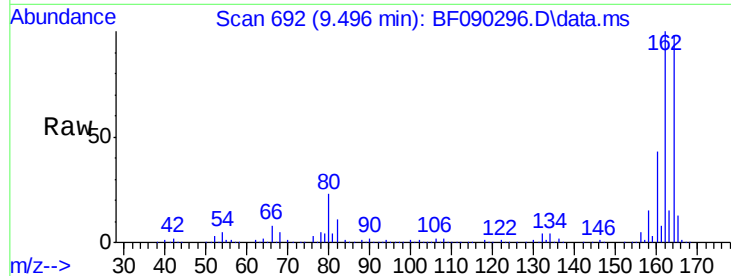
Tot Ion:164 Resp: 270024

Ion Ratio Lower Upper

164 100

162 101.7 81.4 122.2

160 44.2 36.6 54.8



#41

2,4,6-Tribromophenol

Concen: 125.17 ng

RT: 10.285 min Scan# 761

Delta R.T. -0.011 min

Lab File: BF090296.D

Acq: 29 Sep 2016 18:22

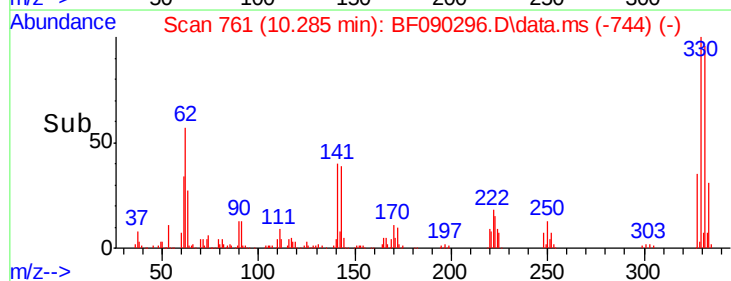
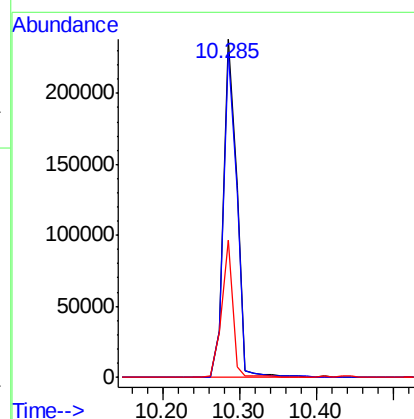
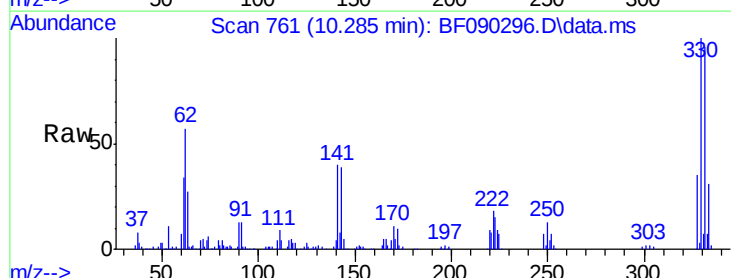
Tgt Ion:330 Resp: 289967

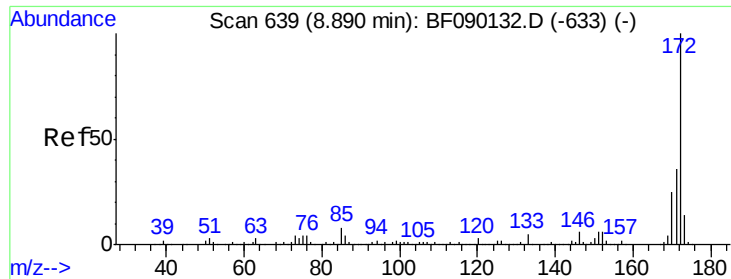
Ion Ratio Lower Upper

330 100

332 96.7 78.1 117.1

141 33.5 23.9 35.9

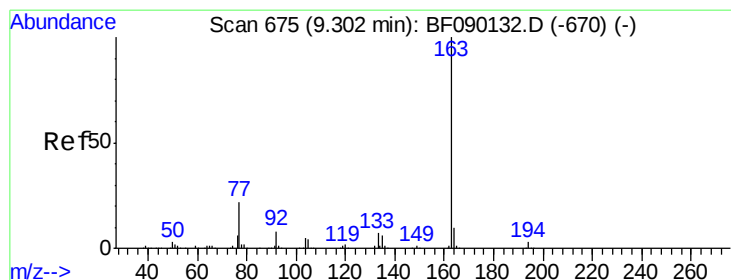
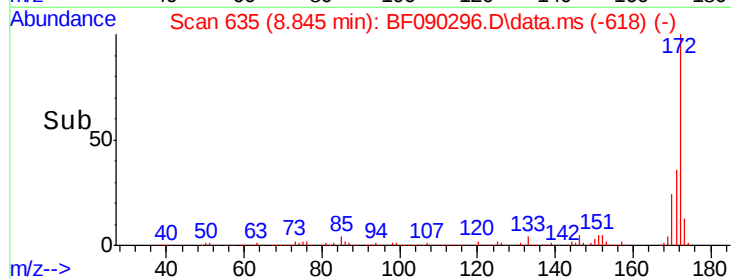
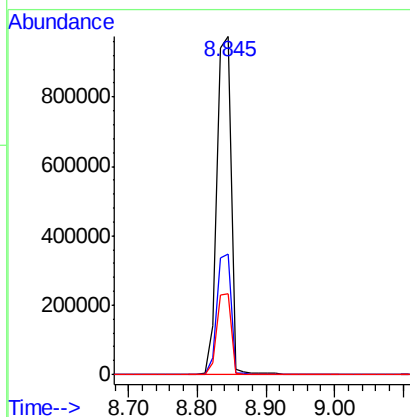
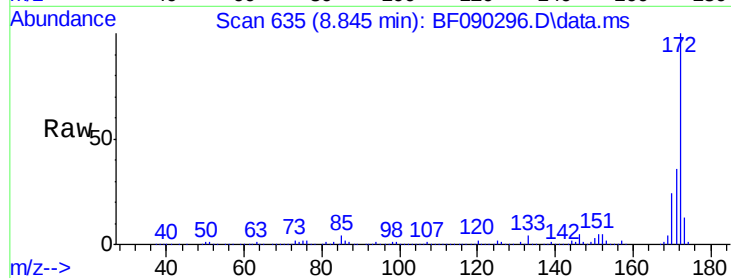




#44
2-Fluorobiphenyl
Concen: 105.32 ng
RT: 8.845 min Scan# 639
Delta R.T. -0.011 min
Lab File: BF090296.D
Acq: 29 Sep 2016 18:22

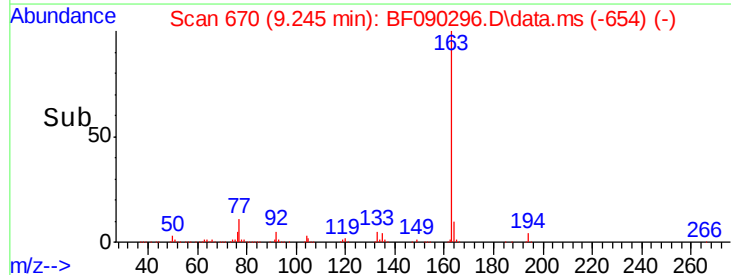
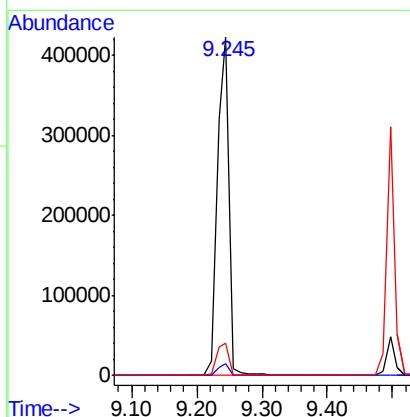
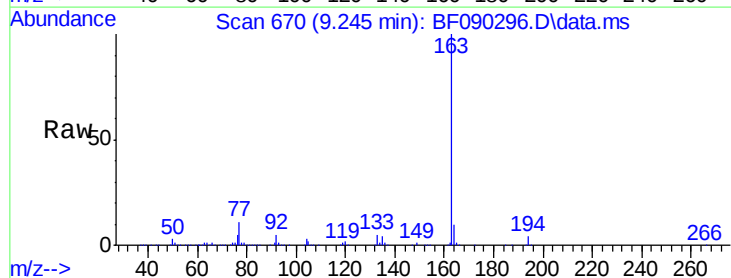
Instrument :
BNA_F
ClientSampleId :

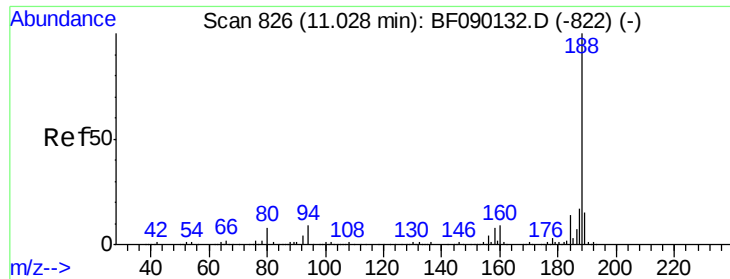
Tot Ion:172 Resp: 1448552
Ion Ratio Lower Upper
172 100
171 35.6 29.2 43.8
170 24.0 19.8 29.8



#49
Dimethylphthalate
Concen: 31.34 ng
RT: 9.245 min Scan# 670
Delta R.T. -0.023 min
Lab File: BF090296.D
Acq: 29 Sep 2016 18:22

Tgt Ion:163 Resp: 538987
Ion Ratio Lower Upper
163 100
194 3.6 2.8 4.2
164 9.7 8.1 12.1

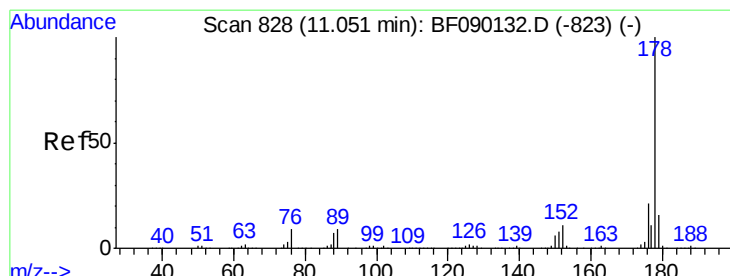
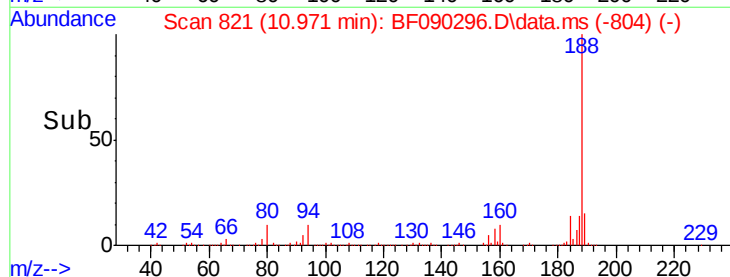
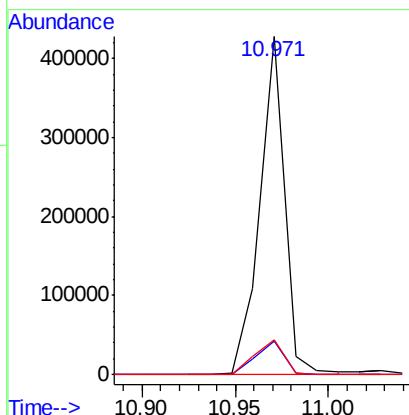
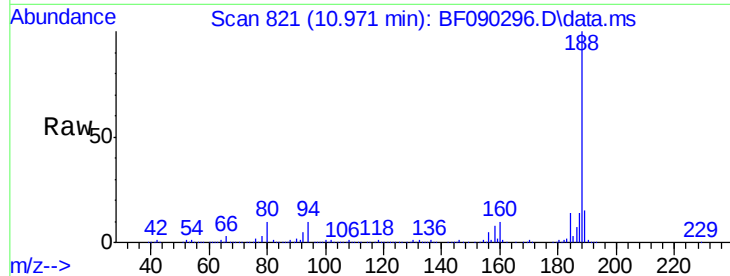




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.971 min Scan# 821
Delta R.T. -0.011 min
Lab File: BF090296.D
Acq: 29 Sep 2016 18:22

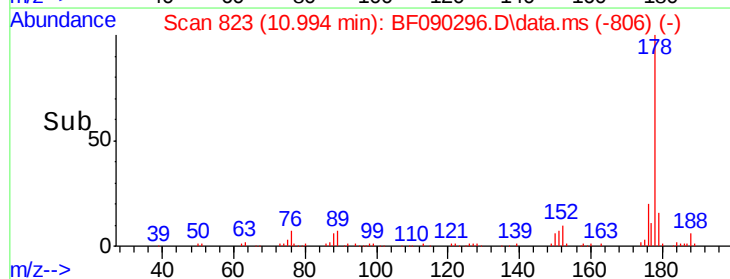
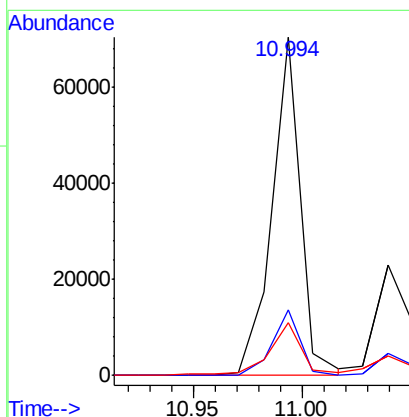
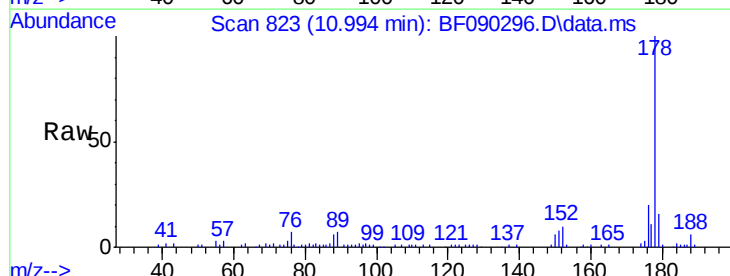
Instrument :
BNA_F
ClientSampleId :

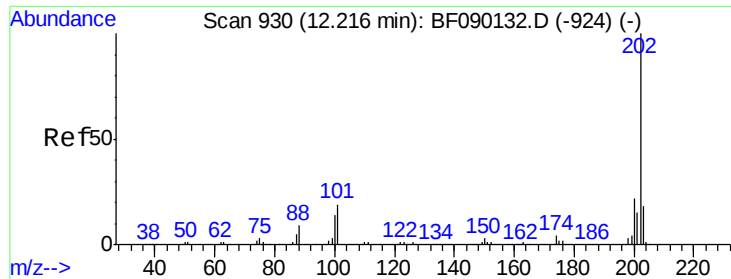
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.8	10.5	15.7#
80	10.3	11.2	16.8#



#70
Phenanthrene
Concen: 3.55 ng
RT: 10.994 min Scan# 823
Delta R.T. -0.011 min
Lab File: BF090296.D
Acq: 29 Sep 2016 18:22

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.9	23.9
179	15.7	12.9	19.3

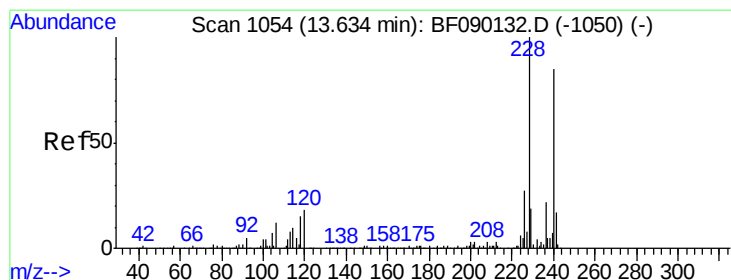
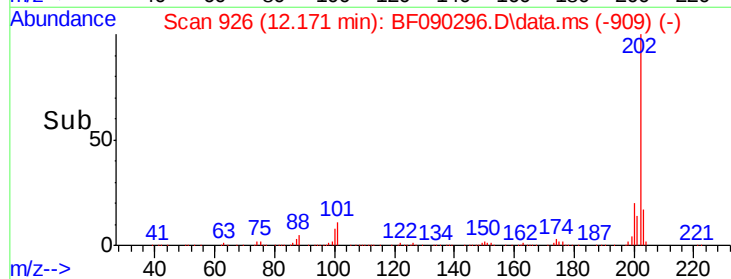
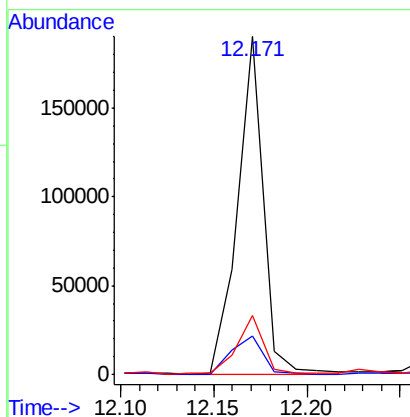
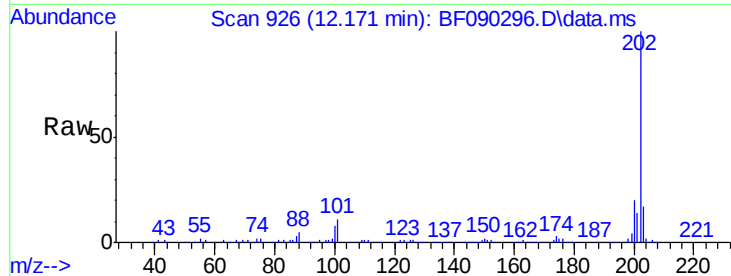




#74
Fluoranthene
Concen: 9.36 ng
RT: 12.171 min Scan# 92
Delta R.T. -0.011 min
Lab File: BF090296.D
Acq: 29 Sep 2016 18:22

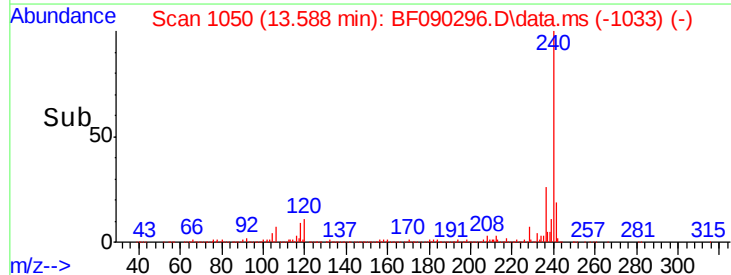
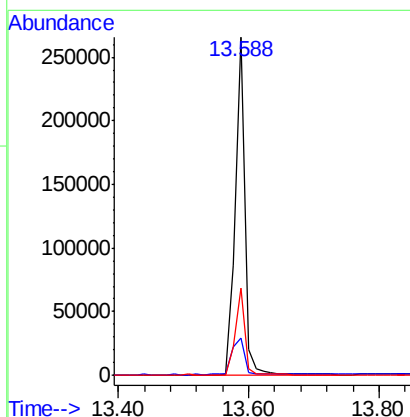
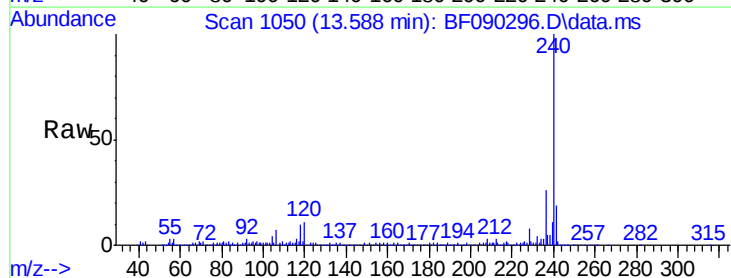
Instrument :
BNA_F
ClientSampleId :

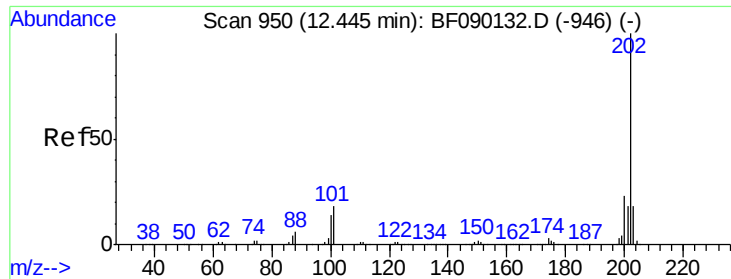
Tot Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	36.1
203	17.5	0.0	38.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.588 min Scan# 1050
Delta R.T. -0.011 min
Lab File: BF090296.D
Acq: 29 Sep 2016 18:22

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.1	10.6	16.0
236	25.8	21.6	32.4

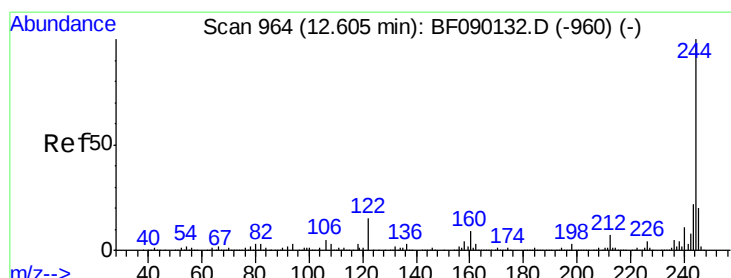
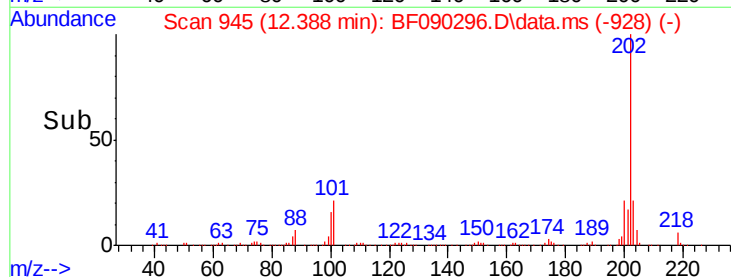
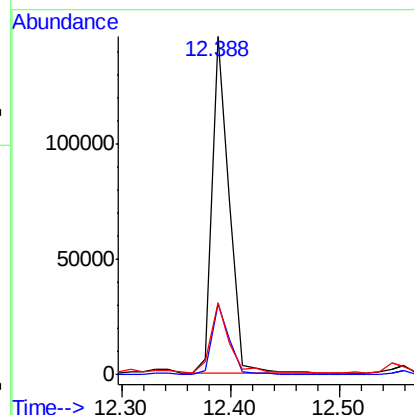
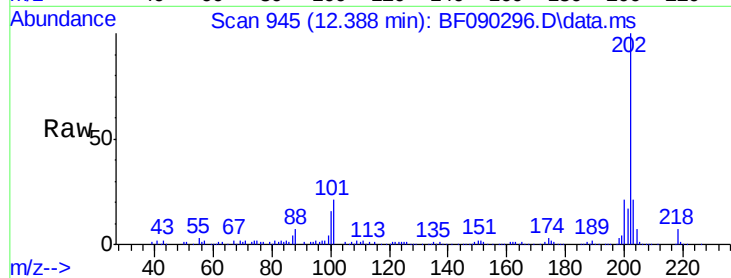




#77
Pvrene
Concen: 8.73 ng
RT: 12.388 min Scan# 94
Delta R.T. -0.011 min
Lab File: BF090296.D
Acq: 29 Sep 2016 18:22

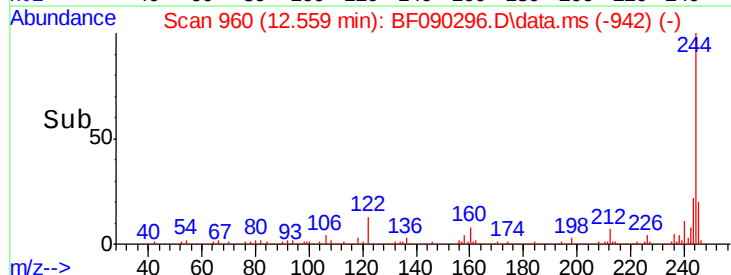
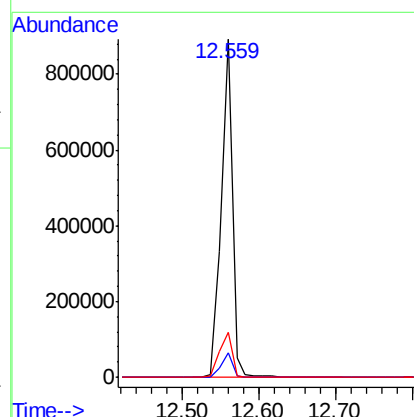
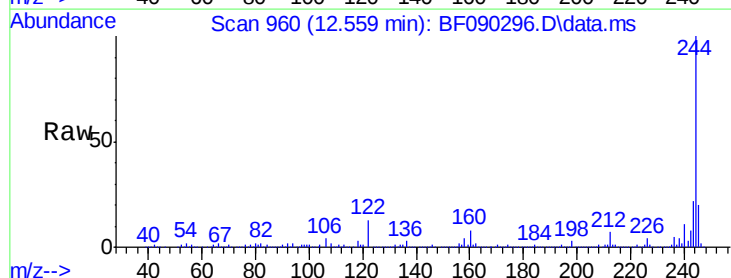
Instrument :
BNA_F
ClientSampleId :

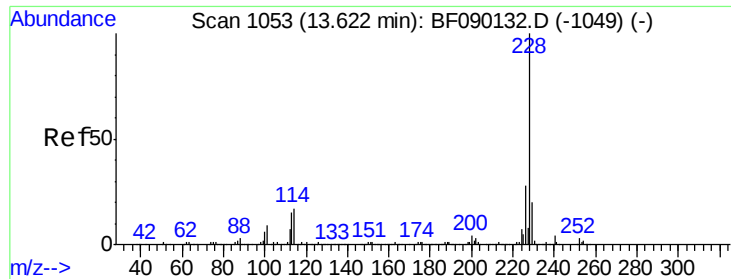
Tot Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.9	26.9
203	21.1	14.2	21.4



#78
Terphenyl-d14
Concen: 84.76 ng
RT: 12.559 min Scan# 960
Delta R.T. 0.000 min
Lab File: BF090296.D
Acq: 29 Sep 2016 18:22

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.8
122	13.2	9.4	14.0





#80

Benzo(a)anthracene

Concen: 8.40 ng

RT: 13.577 min Scan# 1049

Delta R.T. -0.011 min

Lab File: BF090296.D

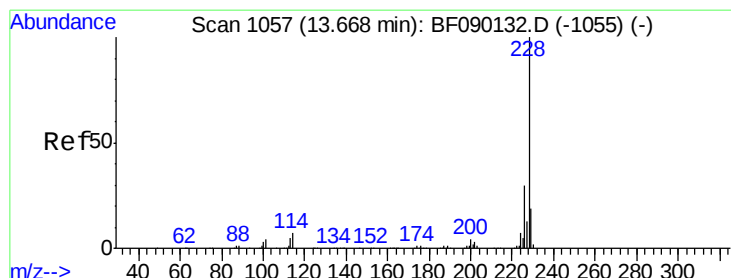
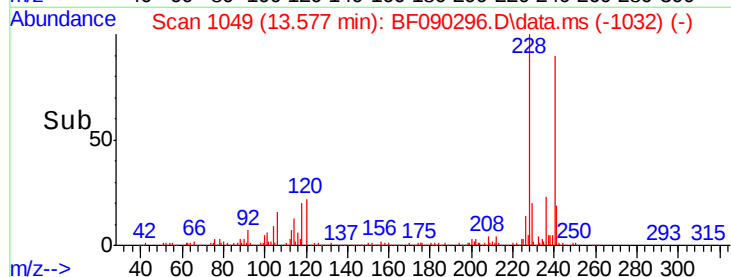
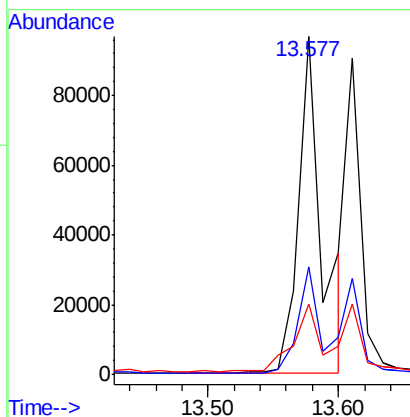
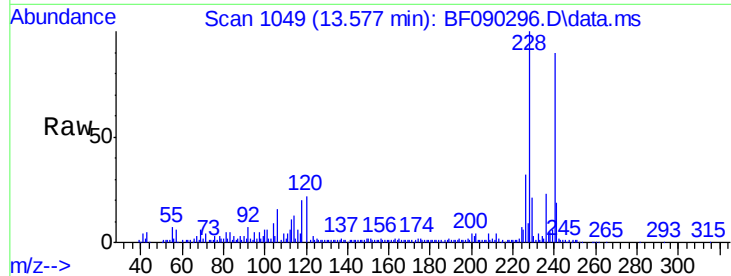
Acq: 29 Sep 2016 18:22

Instrument :

BNA_F

ClientSampled :

Tot Ion:	228	Resp:	121751
Ion Ratio	Lower	Upper	
228	100		
226	31.9	22.0	33.0
229	21.0	16.2	24.2



#82

Chrysene

Concen: 8.62 ng

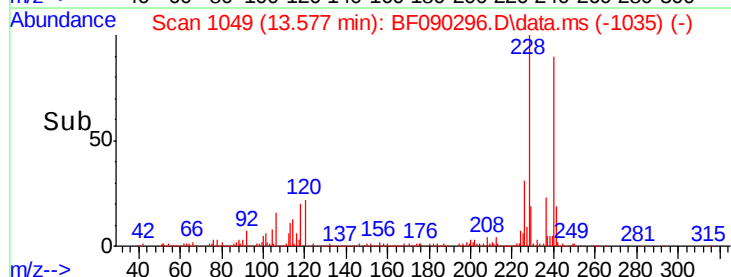
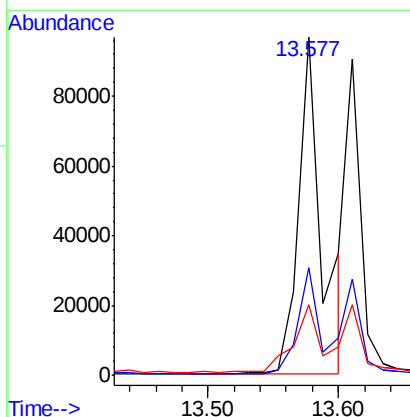
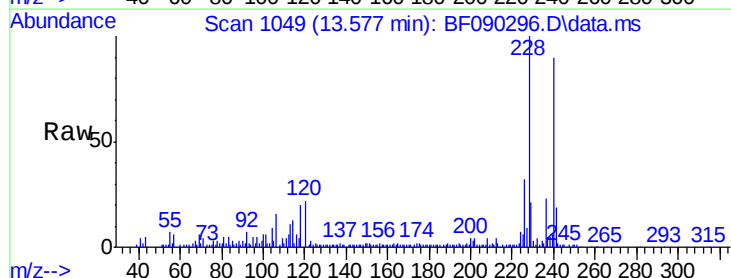
RT: 13.577 min Scan# 1049

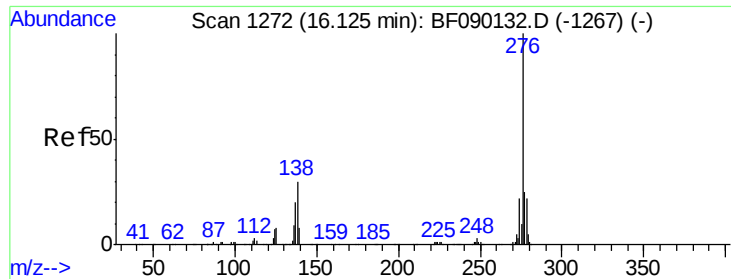
Delta R.T. -0.046 min

Lab File: BF090296.D

Acq: 29 Sep 2016 18:22

Tgt Ion:	228	Resp:	121751
Ion Ratio	Lower	Upper	
228	100		
226	31.9	24.6	37.0
229	21.0	16.2	24.4

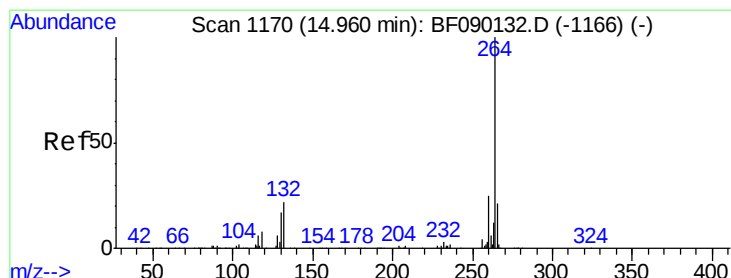
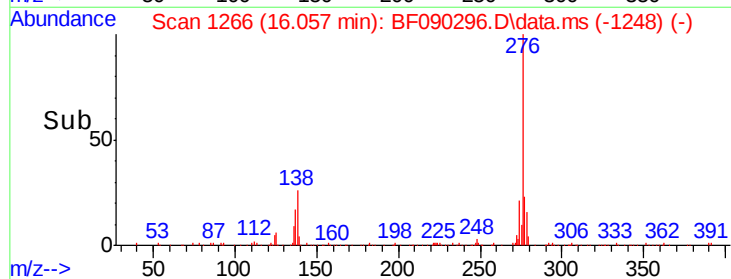
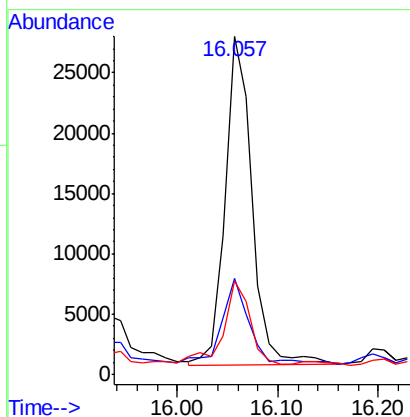
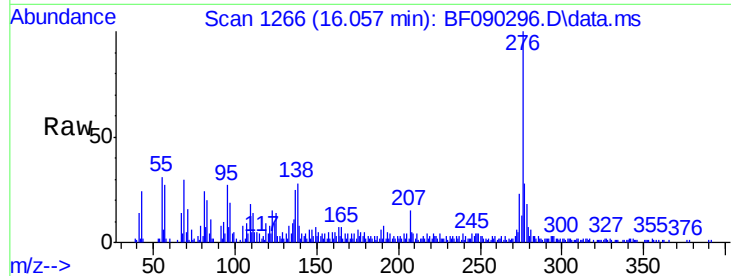




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 4.43 ng
 RT: 16.057 min Scan# 1272
 Delta R.T. 0.000 min
 Lab File: BF090296.D
 Acq: 29 Sep 2016 18:22

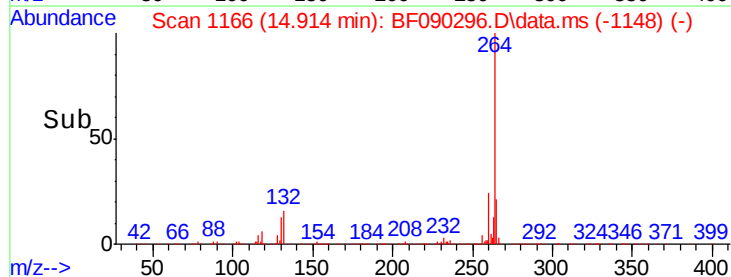
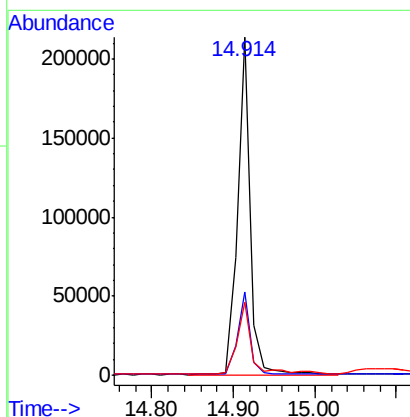
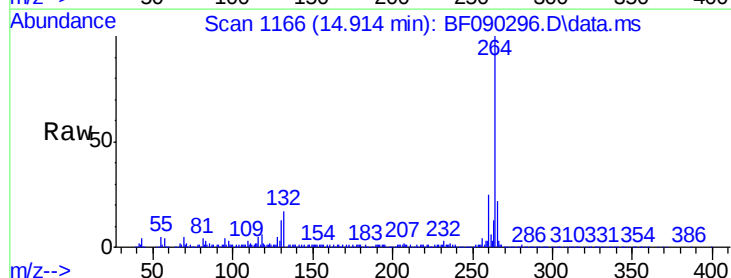
Instrument :
 BNA_F
 ClientSampled :

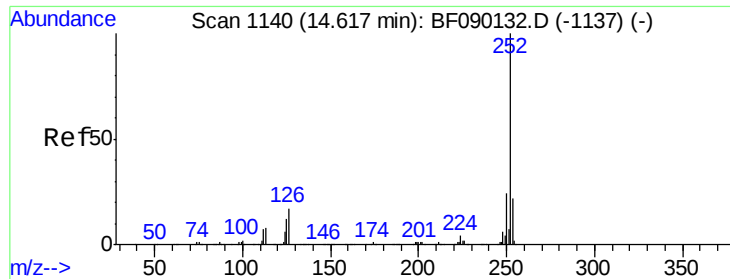
Tot Ion:	276	Resp:	50619
Ion Ratio	Lower	Upper	
276	100		
138	27.2	25.9	38.9
277	26.8	19.9	29.9



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.914 min Scan# 1166
 Delta R.T. 0.000 min
 Lab File: BF090296.D
 Acq: 29 Sep 2016 18:22

Tgt Ion:	264	Resp:	230137
Ion Ratio	Lower	Upper	
264	100		
260	24.6	19.5	29.3
265	21.7	17.0	25.4

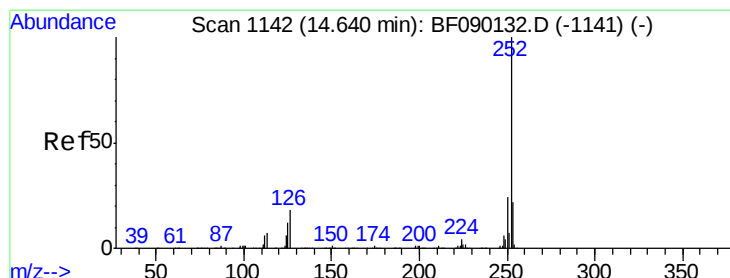
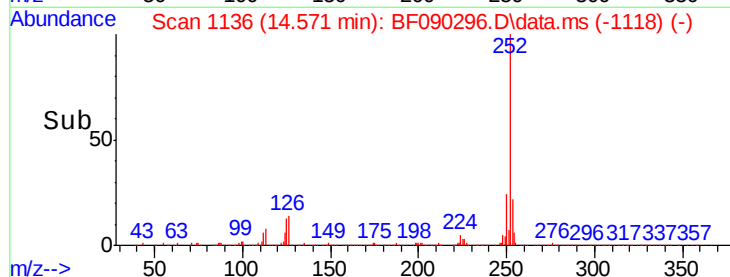
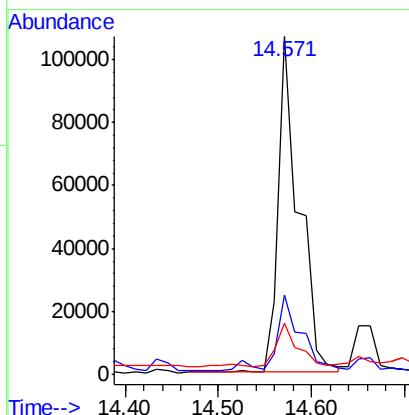
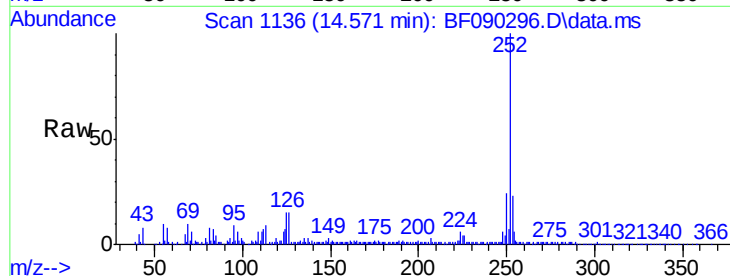




#87
Benzo(b)fluoranthene
Concen: 13.08 ng
RT: 14.571 min Scan# 111
Delta R.T. 0.000 min
Lab File: BF090296.D
Acq: 29 Sep 2016 18:22

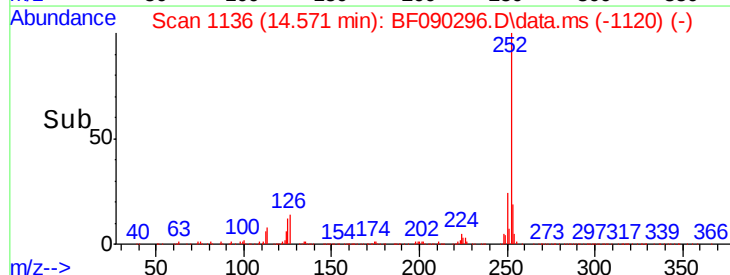
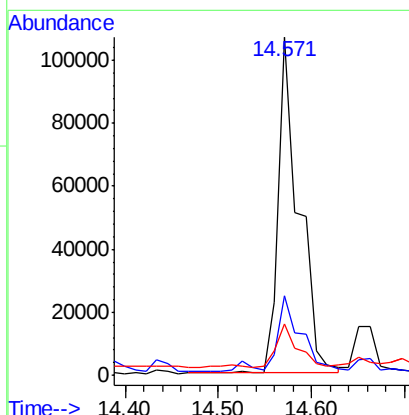
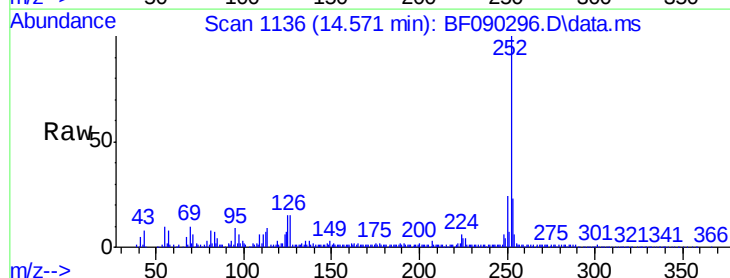
Instrument :
BNA_F
ClientSampleId :

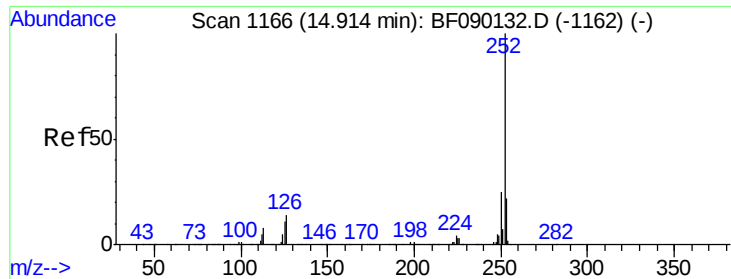
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.9	26.9
125	15.1	12.7	19.1



#88
Benzo(k)fluoranthene
Concen: 13.94 ng
RT: 14.571 min Scan# 1136
Delta R.T. -0.023 min
Lab File: BF090296.D
Acq: 29 Sep 2016 18:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.8	26.8
125	15.1	7.8	11.6#





#89

Benzo(a)pyrene

Concen: 7.14 ng

RT: 14.857 min Scan# 11

Delta R.T. -0.011 min

Lab File: BF090296.D

Acq: 29 Sep 2016 18:22

Instrument :

BNA_F

ClientSampleId :

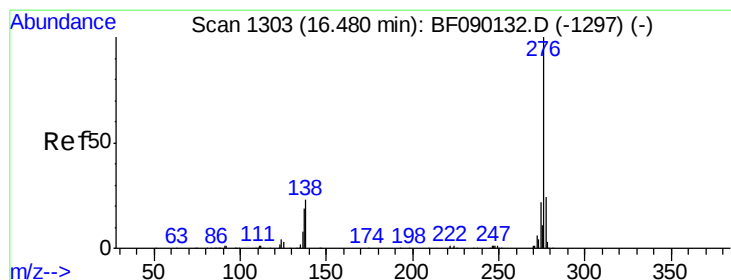
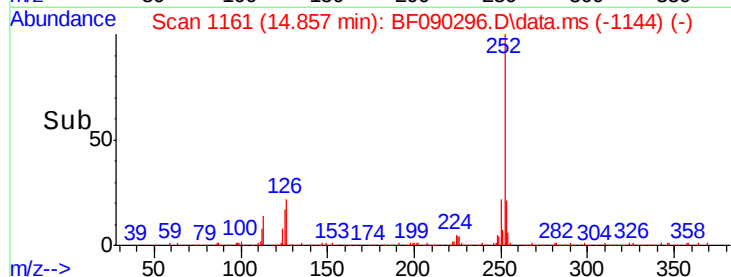
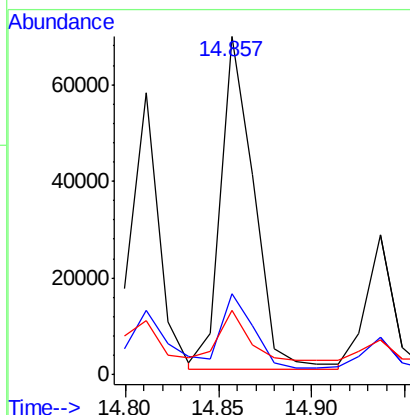
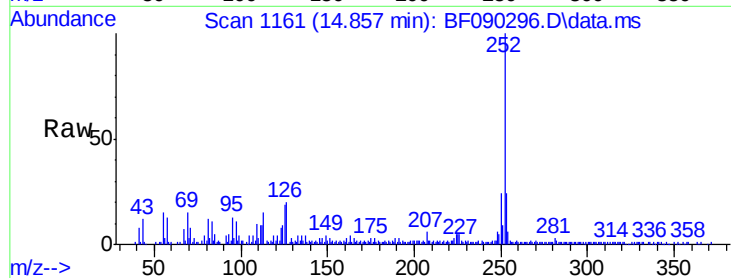
Tot Ion:252 Resp: 85632

Ion Ratio Lower Upper

252 100

253 23.8 17.4 26.0

125 19.0 7.7 11.5#



#91

Benzo(g,h,i)perylene

Concen: 5.24 ng

RT: 16.400 min Scan# 1296

Delta R.T. 0.000 min

Lab File: BF090296.D

Acq: 29 Sep 2016 18:22

Tgt Ion:276 Resp: 47958

Ion Ratio Lower Upper

276 100

277 25.4 18.9 28.3

138 27.4 23.3 34.9

