

Data Path : Z:\HPCHEM1\BNA F\Data\BF100616\
 Data File : BF090426.D
 Acq On : 6 Oct 2016 18:58
 Operator : UM/SJ
 Sample : H5068-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S36-9003

Quant Time: Oct 06 19:26:07 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF100516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 05 14:57:00 2016
 Response via : Initial Calibration

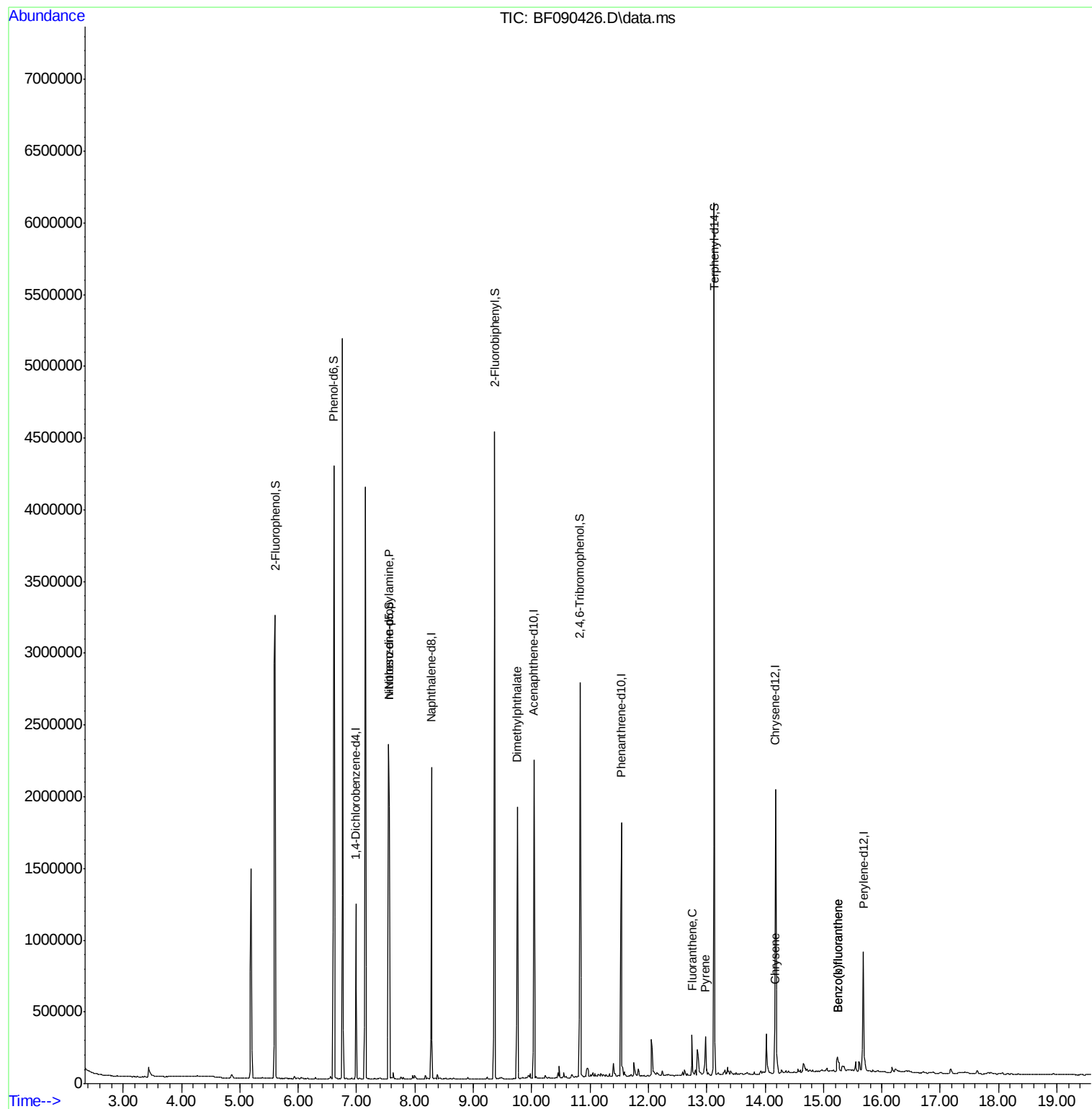
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.989	152	200394	20.00	ng	-0.01
21) Naphthalene-d8	8.280	136	886888	20.00	ng	-0.01
38) Acenaphthene-d10	10.040	164	438346	20.00	ng	-0.01
63) Phenanthrene-d10	11.538	188	765895	20.00	ng	-0.01
75) Chrysene-d12	14.178	240	594587	20.00	ng	-0.02
86) Perylene-d12	15.687	264	437969	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.606	112	1255964	93.54	ng	0.00
7) Phenol-d6	6.612	99	1624715	92.39	ng	-0.01
23) Nitrobenzene-d5	7.549	82	1127071	61.82	ng	-0.02
41) 2,4,6-Tribromophenol	10.829	330	283609	79.57	ng	-0.02
44) 2-Fluorobiphenyl	9.366	172	1825443	69.38	ng	-0.01
78) Terphenyl-d14	13.126	244	1693099	64.02	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.549	70	151297	11.73	ng	Qvalue # 66
49) Dimethylphthalate	9.755	163	690888	24.61	ng	98
74) Fluoranthene	12.749	202	99468	2.59	ng	93
77) Pyrene	12.978	202	95326	2.40	ng	95
82) Chrysene	14.167	228	64400	2.10	ng	93
87) Benzo(b)fluoranthene	15.241	252	75821	2.72	ng	# 94
88) Benzo(k)fluoranthene	15.241	252	75821	2.89	ng	98

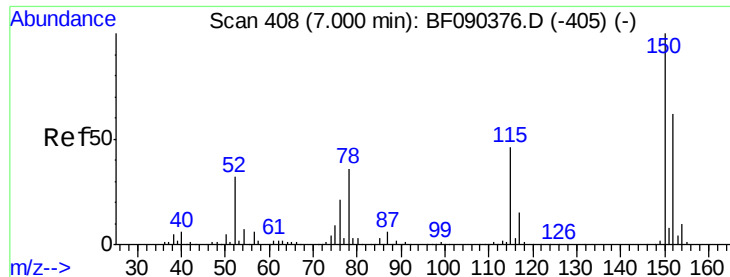
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\Data\BF100616\
Data File : BF090426.D
Acq On : 6 Oct 2016 18:58
Operator : UM/SJ
Sample : H5068-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S36-9003

Quant Time: Oct 06 19:26:07 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF100516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 05 14:57:00 2016
Response via : Initial Calibration

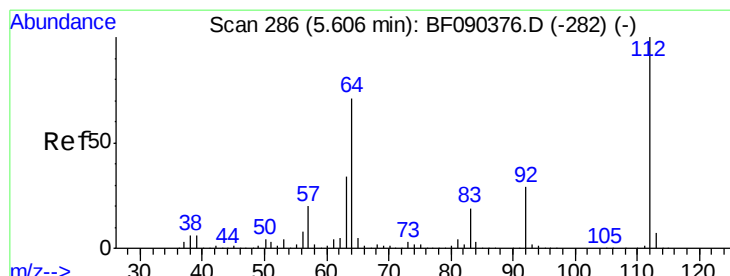
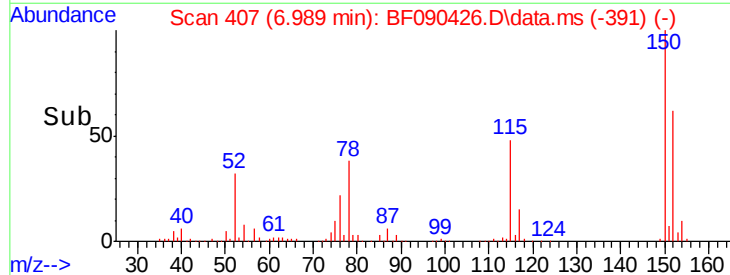
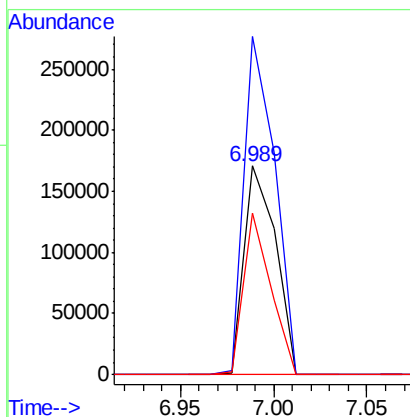
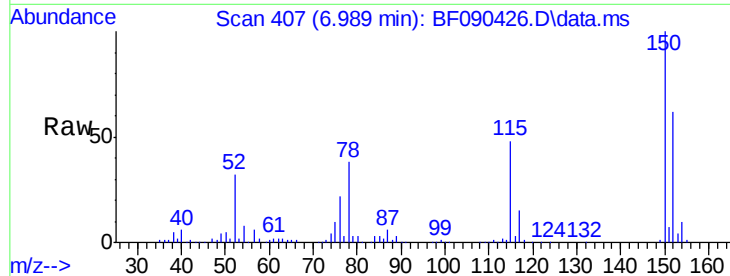




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.989 min Scan# 40
 Delta R.T. -0.012 min
 Lab File: BF090426.D
 Acq: 6 Oct 2016 18:58

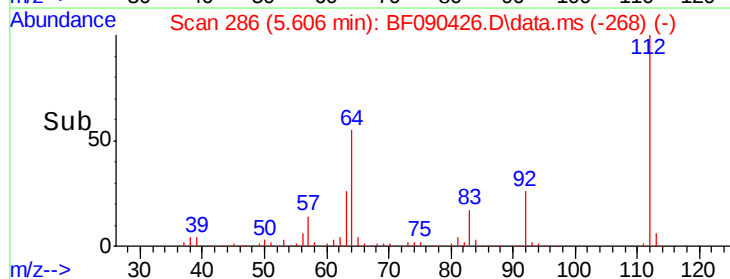
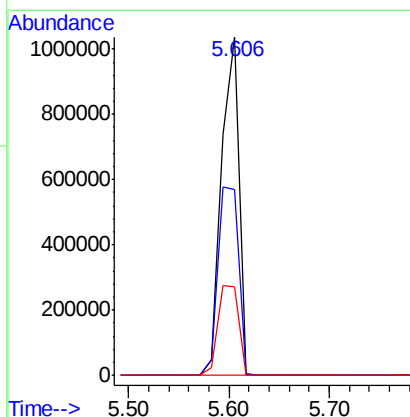
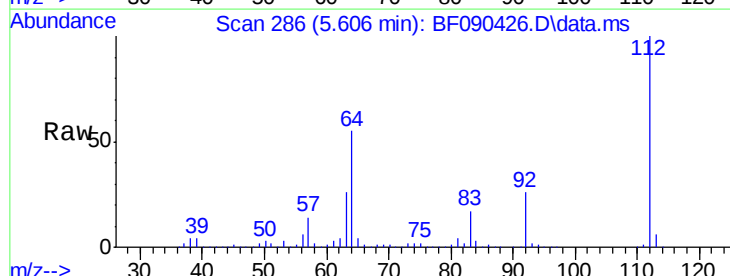
Instrument :
 BNA_F
 ClientSampleId :
 S36-9003

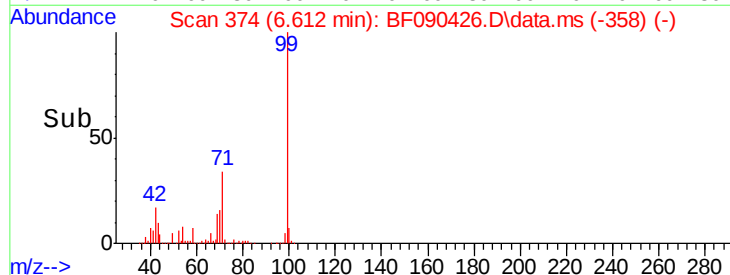
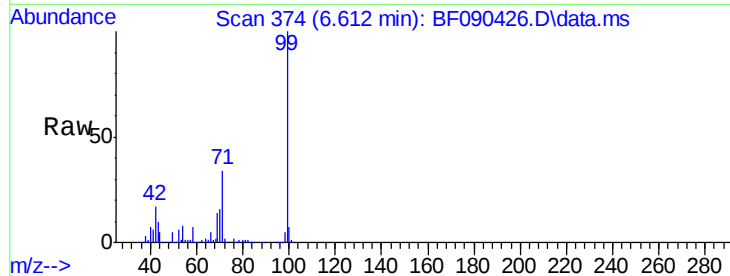
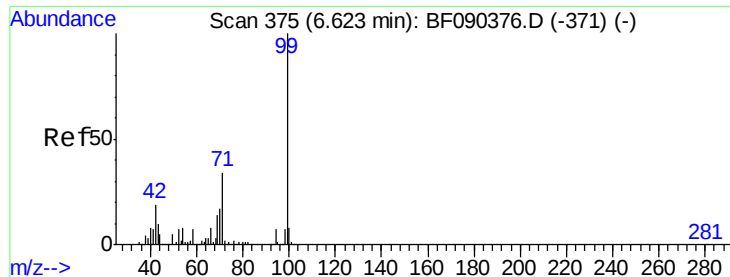
Tot Ion:152 Resp: 200394
 Ion Ratio Lower Upper
 152 100
 150 162.3 124.6 186.8
 115 77.3 46.2 69.4#



#5
 2-Fluorophenol
 Concen: 93.54 ng
 RT: 5.606 min Scan# 286
 Delta R.T. 0.001 min
 Lab File: BF090426.D
 Acq: 6 Oct 2016 18:58

Tgt Ion:112 Resp: 1255964
 Ion Ratio Lower Upper
 112 100
 64 54.8 57.9 86.9#
 63 26.2 29.6 44.4#





#7

Phenol-d6

Concen: 92.39 ng

RT: 6.612 min Scan# 37

Delta R.T. -0.012 min

Lab File: BF090426.D

Acq: 6 Oct 2016 18:58

Instrument :

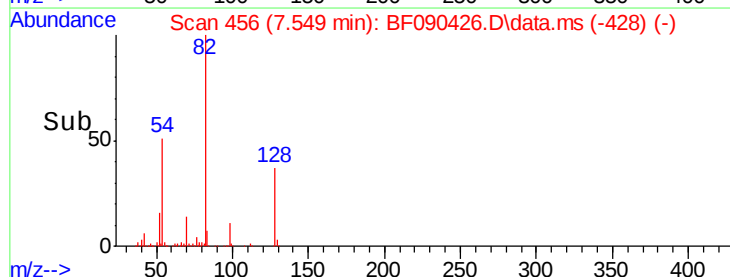
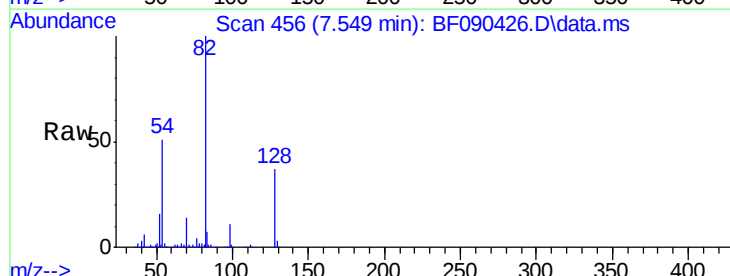
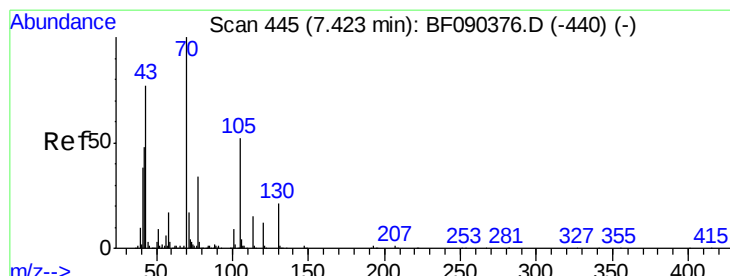
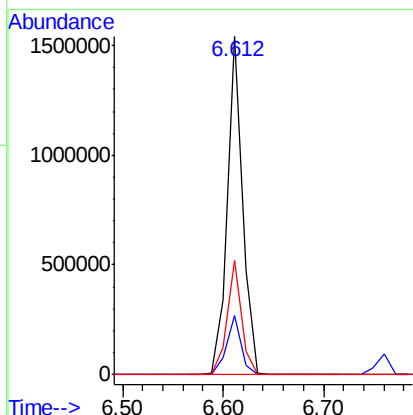
BNA_F

ClientSampleId :

S36-9003

Tot Ion: 99 Resp: 1624715

Ion	Ratio	Lower	Upper
99	100		
42	17.3	20.0	30.0#
71	33.7	27.9	41.9



#19

n-Nitroso-di-n-propylamine

Concen: 11.73 ng

RT: 7.549 min Scan# 456

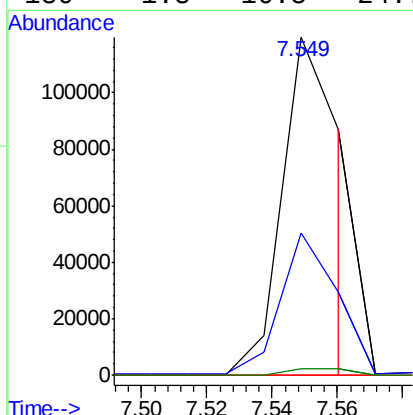
Delta R.T. 0.126 min

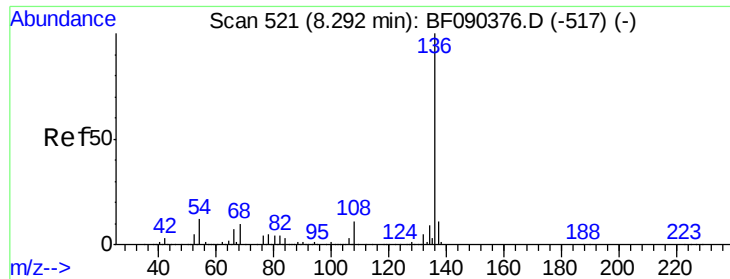
Lab File: BF090426.D

Acq: 6 Oct 2016 18:58

Tgt Ion: 70 Resp: 151297

Ion	Ratio	Lower	Upper
70	100		
42	42.1	55.4	83.2#
101	0.0	7.6	11.4#
130	1.8	16.5	24.7#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.280 min Scan# 521

Delta R.T. -0.012 min

Lab File: BF090426.D

Acq: 6 Oct 2016 18:58

Instrument :

BNA_F

ClientSampleId :

S36-9003

Tot Ion:136 Resp: 886888

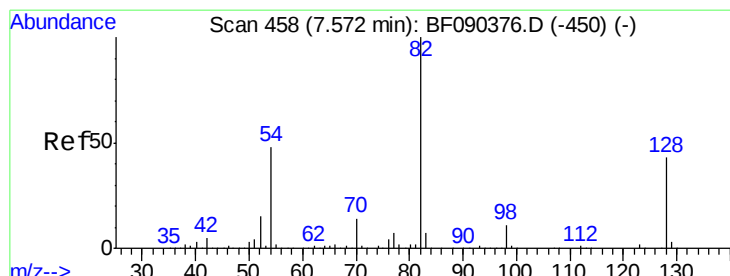
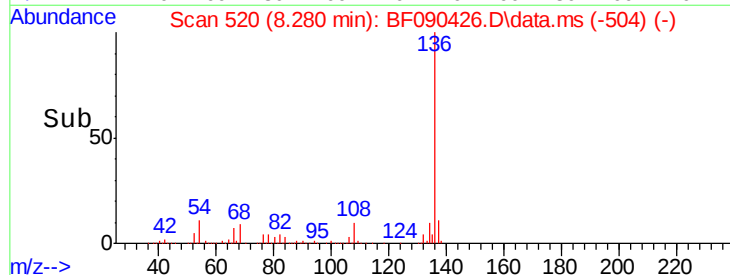
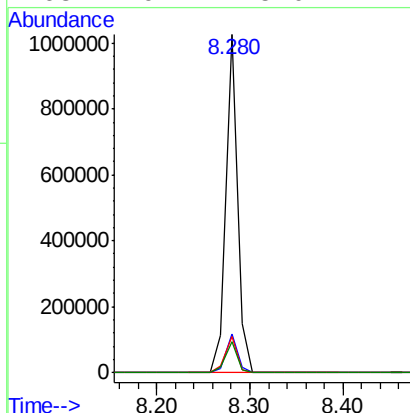
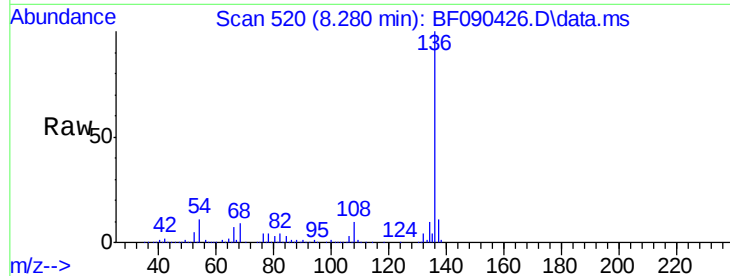
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.6

54 10.6 6.6 10.0#

68 9.2 5.0 7.6#



#23

Nitrobenzene-d5

Concen: 61.82 ng

RT: 7.549 min Scan# 456

Delta R.T. -0.023 min

Lab File: BF090426.D

Acq: 6 Oct 2016 18:58

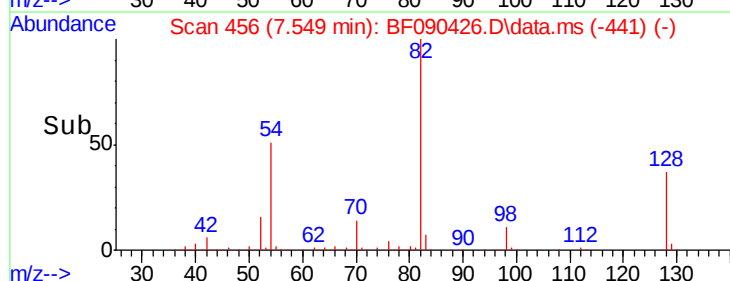
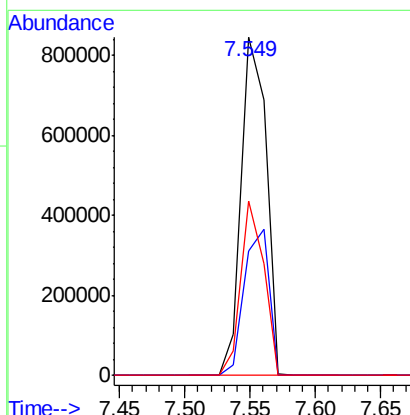
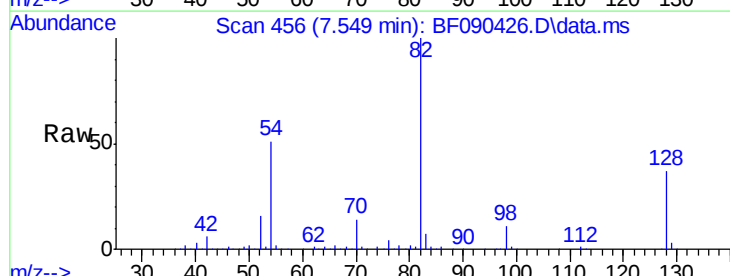
Tgt Ion: 82 Resp: 1127071

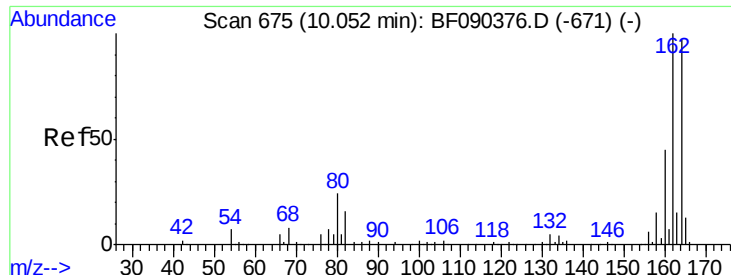
Ion Ratio Lower Upper

82 100

128 36.6 40.0 60.0#

54 51.5 42.6 64.0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.040 min Scan# 67

Delta R.T. -0.012 min

Lab File: BF090426.D

Acq: 6 Oct 2016 18:58

Instrument :

BNA_F

ClientSampleId :

S36-9003

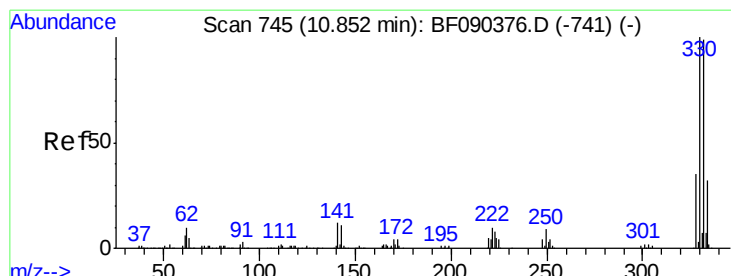
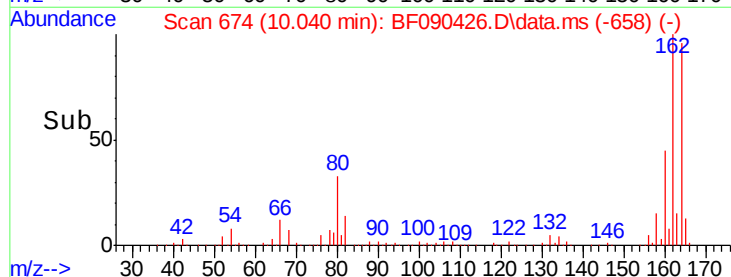
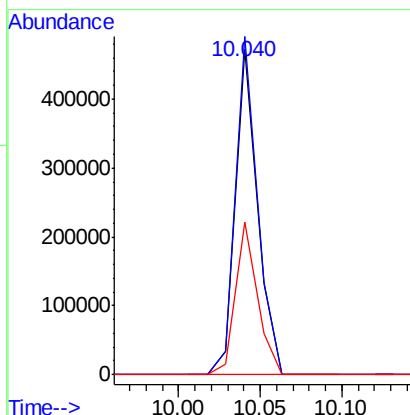
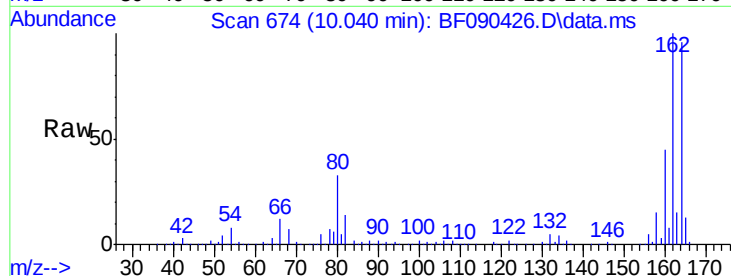
Tot Ion:164 Resp: 438346

Ion Ratio Lower Upper

164 100

162 103.9 80.1 120.1

160 46.8 36.3 54.5



#41

2,4,6-Tribromophenol

Concen: 79.57 ng

RT: 10.829 min Scan# 743

Delta R.T. -0.023 min

Lab File: BF090426.D

Acq: 6 Oct 2016 18:58

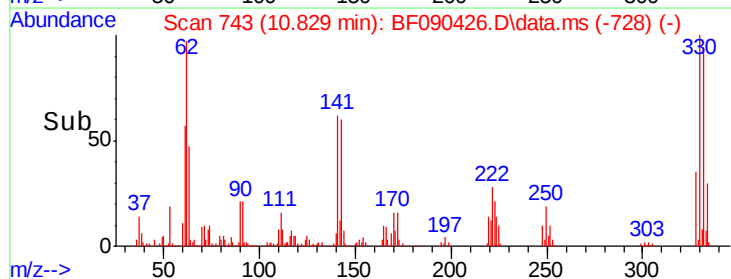
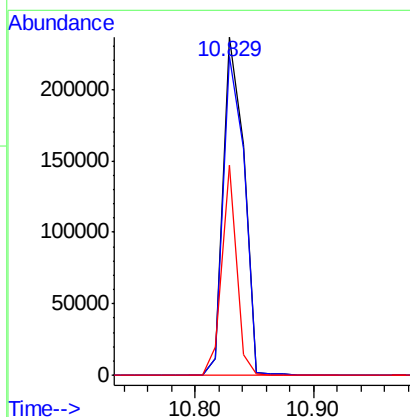
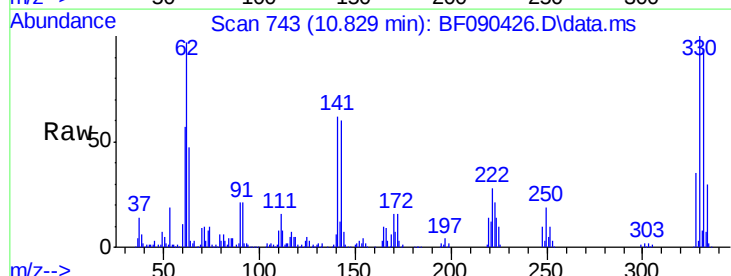
Tgt Ion:330 Resp: 283609

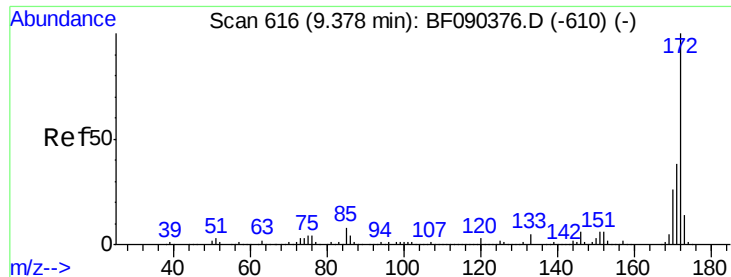
Ion Ratio Lower Upper

330 100

332 96.4 75.4 113.0

141 44.5 26.9 40.3#

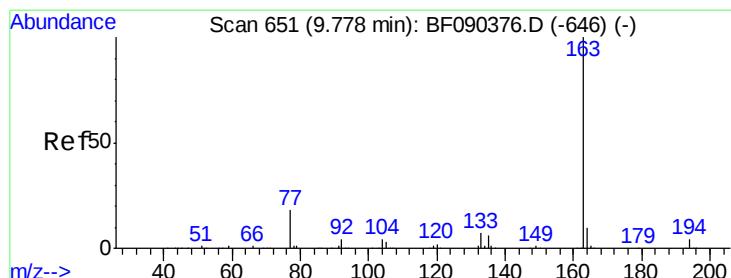
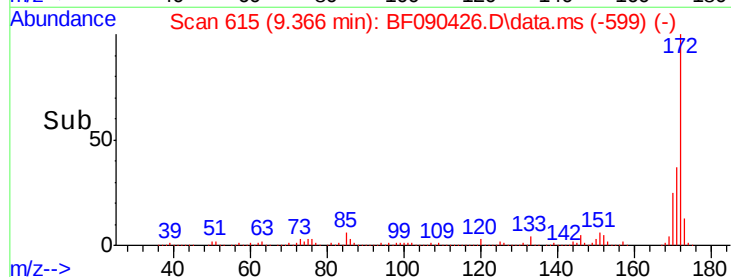
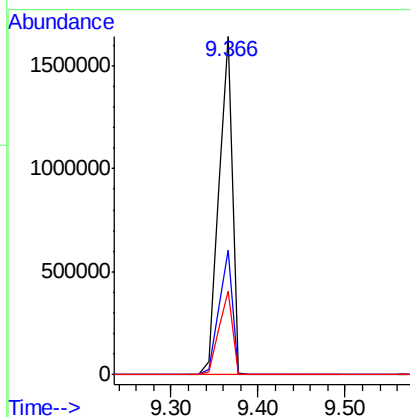
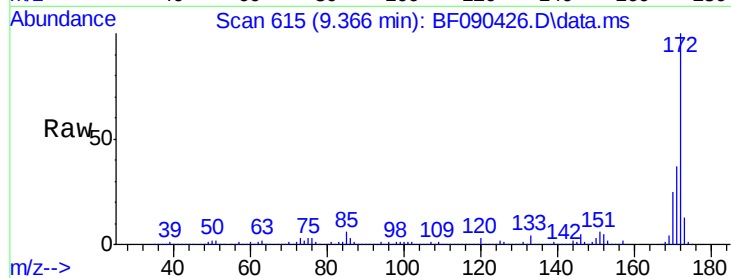




#44
2-Fluorobiphenyl
Concen: 69.38 ng
RT: 9.366 min Scan# 61
Delta R.T. -0.012 min
Lab File: BF090426.D
Acq: 6 Oct 2016 18:58

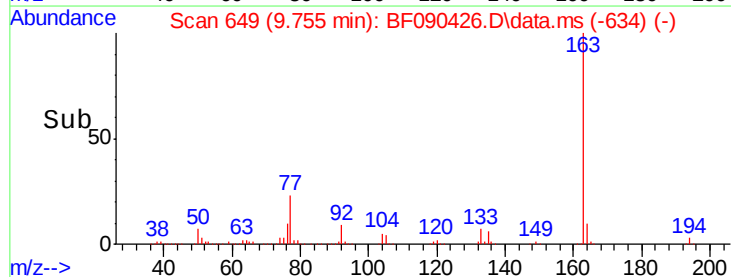
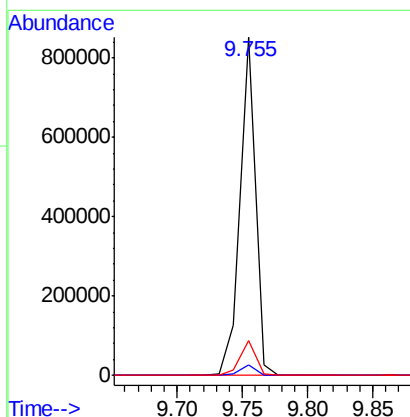
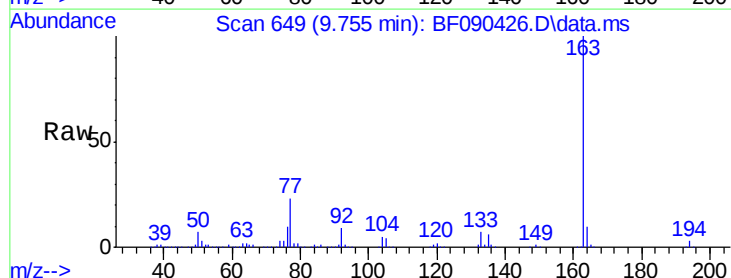
Instrument :
BNA_F
ClientSampleId :
S36-9003

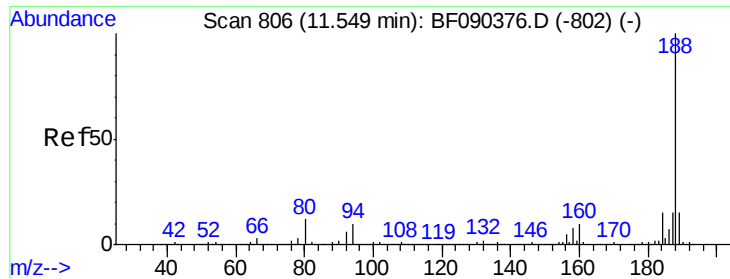
Tot Ion:172 Resp: 1825443
Ion Ratio Lower Upper
172 100
171 36.7 31.8 47.8
170 24.8 21.7 32.5



#49
Dimethylphthalate
Concen: 24.61 ng
RT: 9.755 min Scan# 649
Delta R.T. -0.023 min
Lab File: BF090426.D
Acq: 6 Oct 2016 18:58

Tgt Ion:163 Resp: 690888
Ion Ratio Lower Upper
163 100
194 3.2 2.8 4.2
164 10.3 9.0 13.4

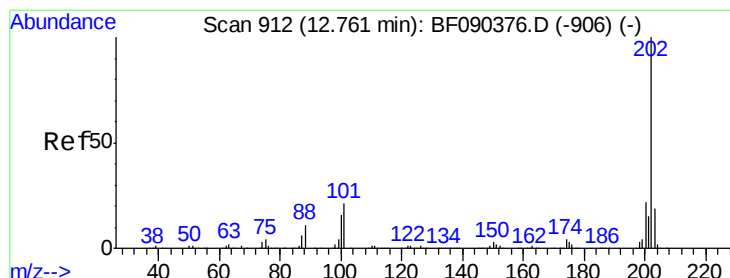
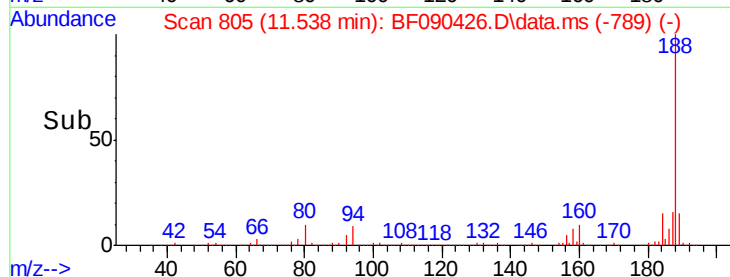
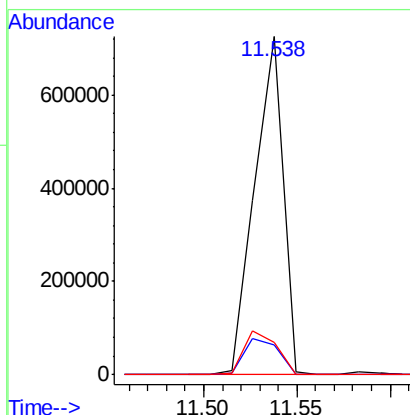
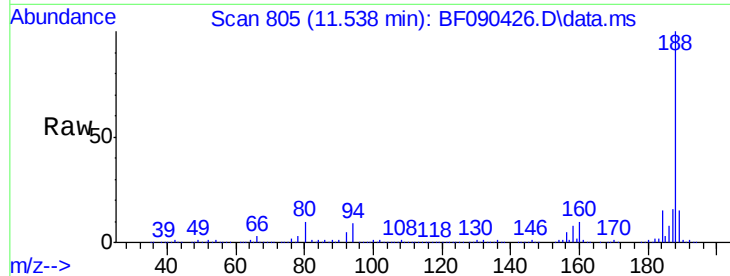




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.538 min Scan# 80
Delta R.T. -0.012 min
Lab File: BF090426.D
Acq: 6 Oct 2016 18:58

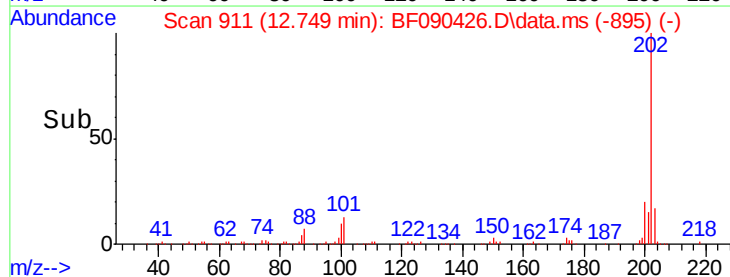
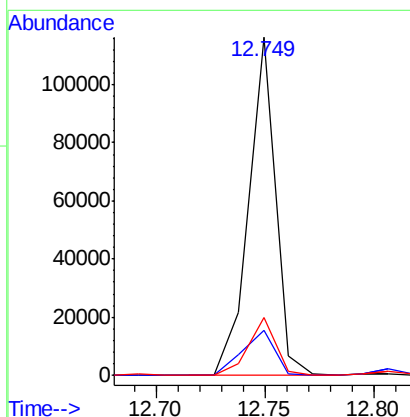
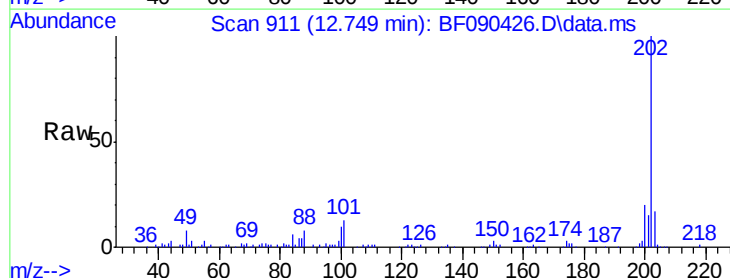
Instrument :
BNA_F
ClientSampleId :
S36-9003

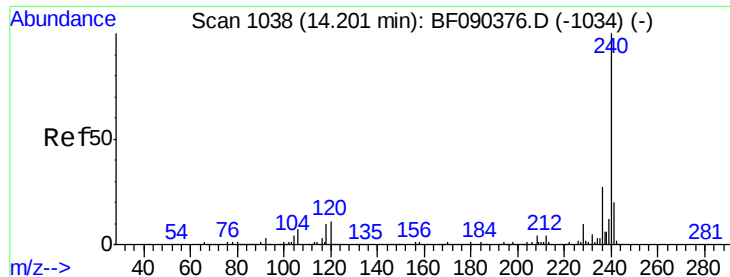
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.6	8.2	12.2
80	9.6	8.8	13.2



#74
Fluoranthene
Concen: 2.59 ng
RT: 12.749 min Scan# 911
Delta R.T. -0.012 min
Lab File: BF090426.D
Acq: 6 Oct 2016 18:58

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.2	0.0	37.2
203	17.3	0.0	39.3

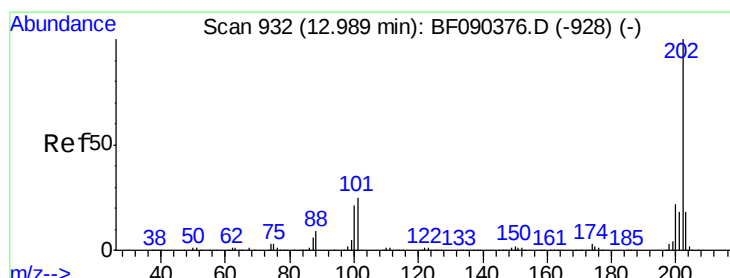
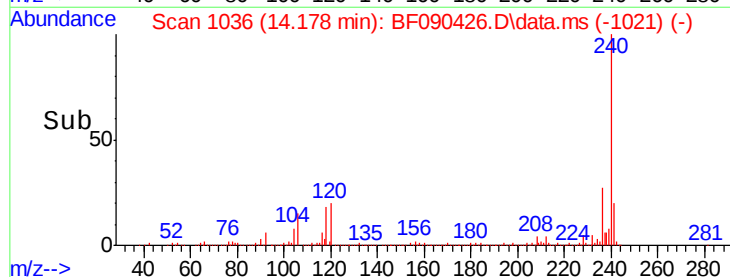
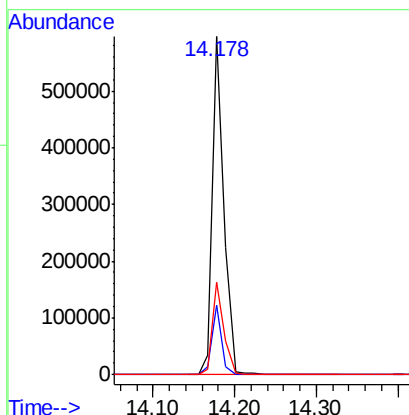
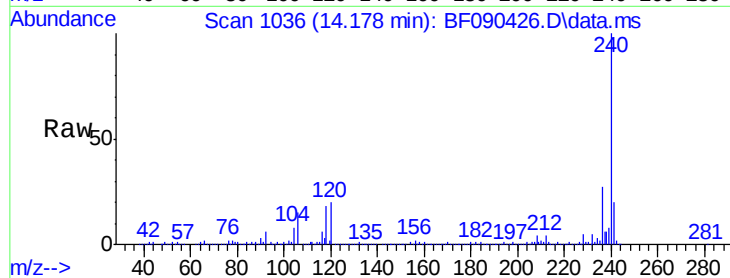




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.178 min Scan# 1036
Delta R.T. -0.023 min
Lab File: BF090426.D
Acq: 6 Oct 2016 18:58

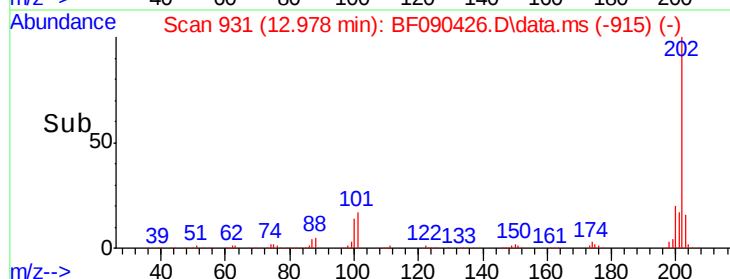
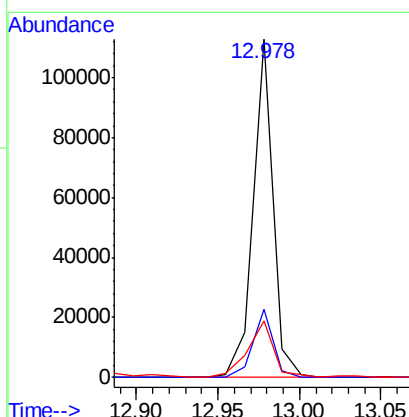
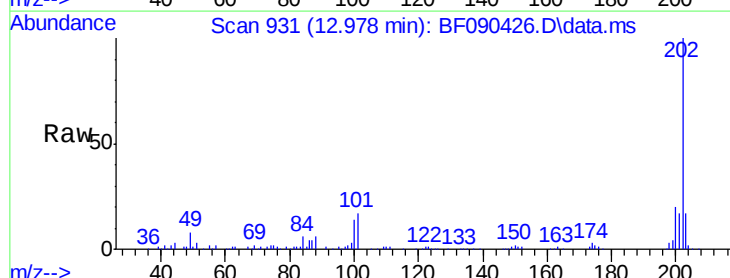
Instrument :
BNA_F
ClientSampleId :
S36-9003

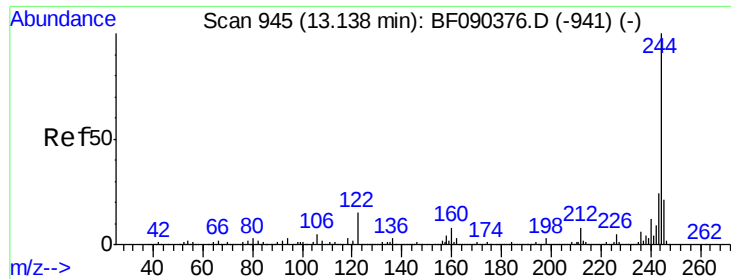
Tot Ion:240 Resp: 594587
Ion Ratio Lower Upper
240 100
120 20.4 8.6 13.0#
236 27.3 21.6 32.4



#77
Pyrene
Concen: 2.40 ng
RT: 12.978 min Scan# 931
Delta R.T. -0.012 min
Lab File: BF090426.D
Acq: 6 Oct 2016 18:58

Tgt Ion:202 Resp: 95326
Ion Ratio Lower Upper
202 100
200 20.3 18.5 27.7
203 16.6 15.0 22.6





#78

Terphenyl-d14

Concen: 64.02 ng

RT: 13.126 min Scan# 94

Delta R.T. -0.012 min

Lab File: BF090426.D

Acq: 6 Oct 2016 18:58

Instrument :

BNA_F

ClientSampleId :

S36-9003

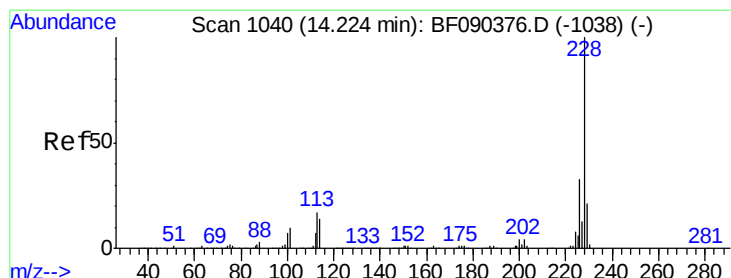
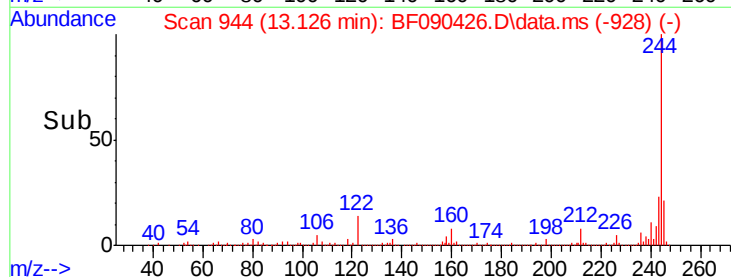
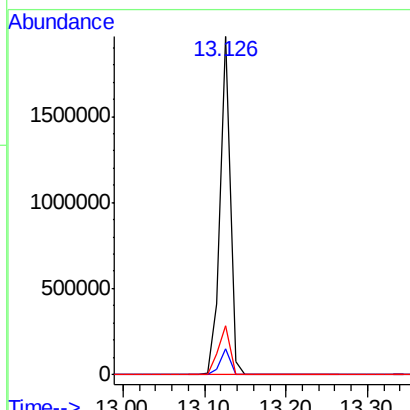
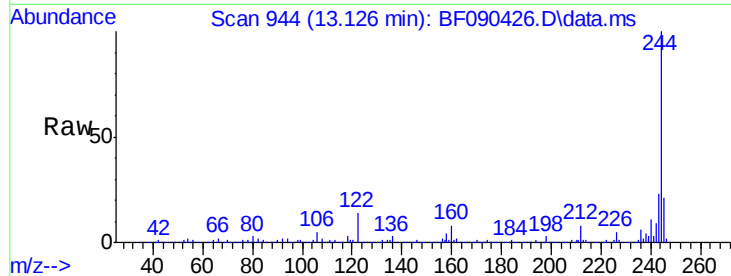
Tot Ion:244 Resp: 1693099

Ion Ratio Lower Upper

244 100

212 7.7 6.8 10.2

122 14.5 13.3 19.9



#82

Chrysene

Concen: 2.10 ng

RT: 14.167 min Scan# 1035

Delta R.T. -0.057 min

Lab File: BF090426.D

Acq: 6 Oct 2016 18:58

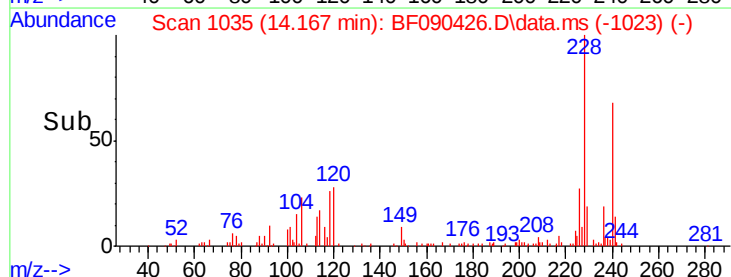
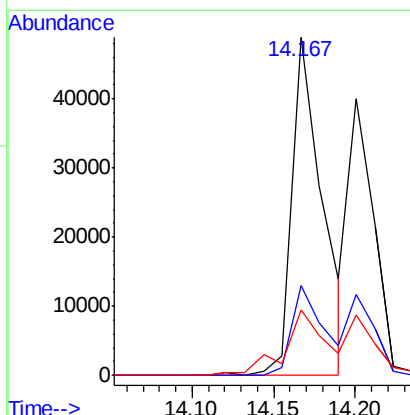
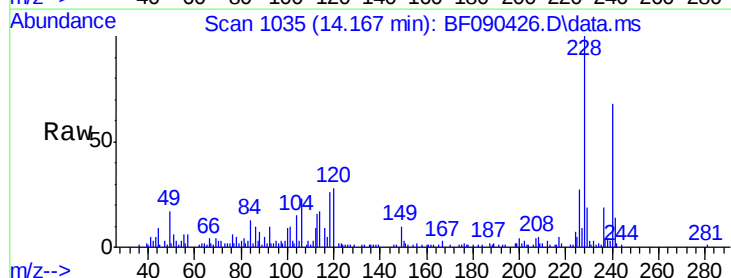
Tgt Ion:228 Resp: 64400

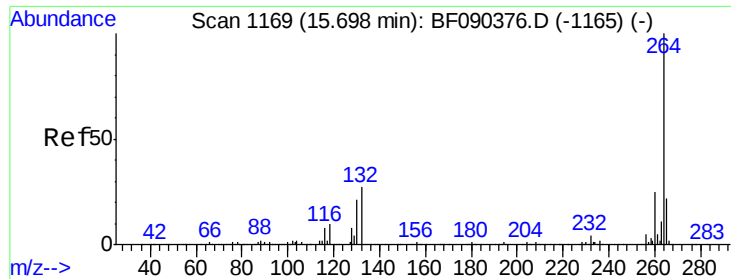
Ion Ratio Lower Upper

228 100

226 26.7 25.8 38.6

229 19.4 16.9 25.3

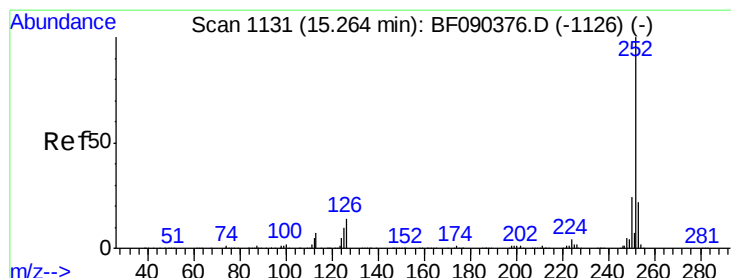
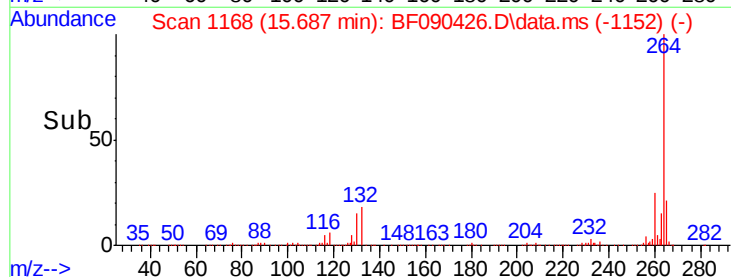
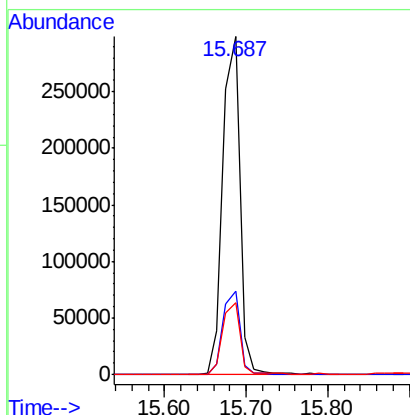
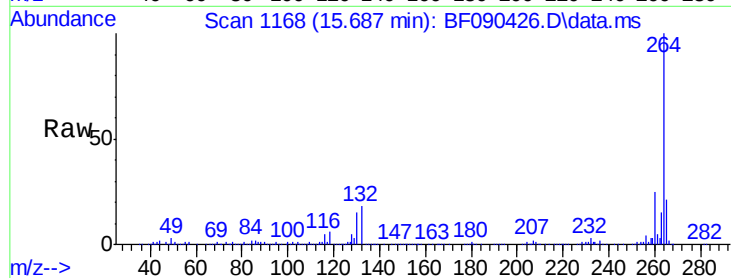




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.687 min Scan# 1169
Delta R.T. -0.012 min
Lab File: BF090426.D
Acq: 6 Oct 2016 18:58

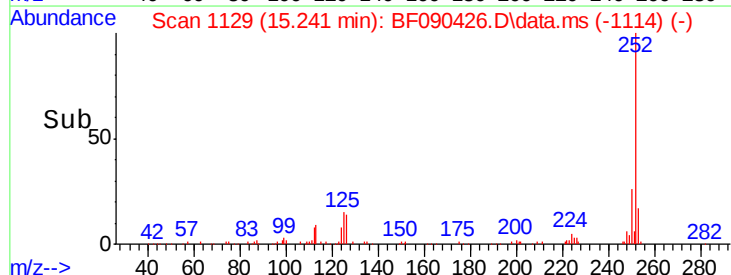
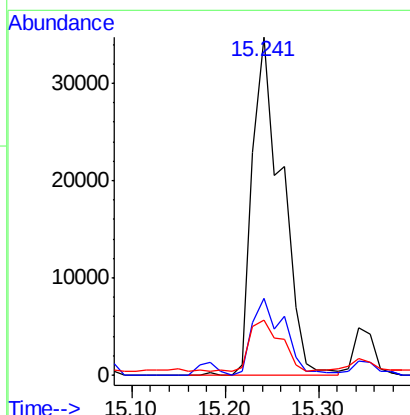
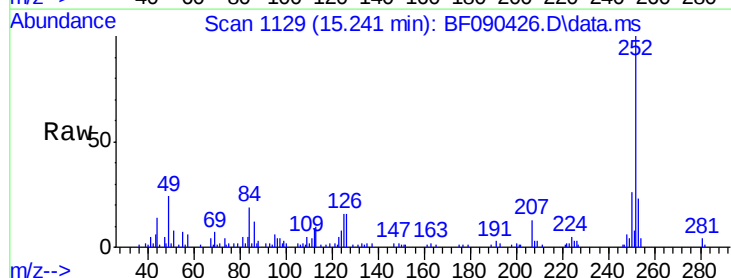
Instrument :
BNA_F
ClientSampled :
S36-9003

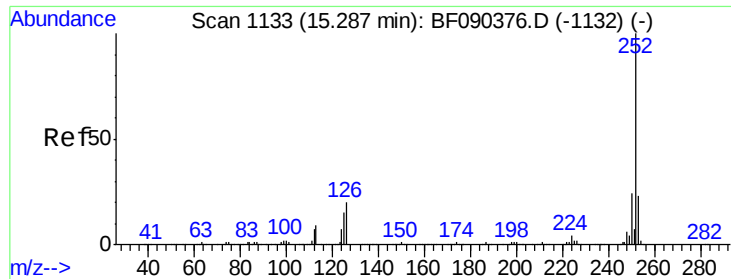
Tot Ion:264 Resp: 437969
Ion Ratio Lower Upper
264 100
260 24.8 19.3 28.9
265 21.3 17.4 26.0



#87
Benzo(b)fluoranthene
Concen: 2.72 ng
RT: 15.241 min Scan# 1129
Delta R.T. -0.023 min
Lab File: BF090426.D
Acq: 6 Oct 2016 18:58

Tgt Ion:252 Resp: 75821
Ion Ratio Lower Upper
252 100
253 22.6 18.2 27.2
125 16.3 7.0 10.4#





#88

Benzo(k)fluoranthene

Concen: 2.89 ng

RT: 15.241 min Scan# 11

Delta R.T. -0.046 min

Lab File: BF090426.D

Acq: 6 Oct 2016 18:58

Instrument :

BNA_F

ClientSampleId :

S36-9003

Tot Ion:252 Resp: 75821

Ion Ratio Lower Upper

252 100

253 22.6 18.6 27.8

125 16.3 11.7 17.5

