

Data Path : Z:\HPCHEM1\BNA_F\Data\BF052115\
 Data File : BF079427.D
 Acq On : 22 May 2015 8:20
 Operator : TP/IZ
 Sample : G2299-03RE
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 22 12:37:38 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 22 08:37:23 2015
 Response via : Initial Calibration

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

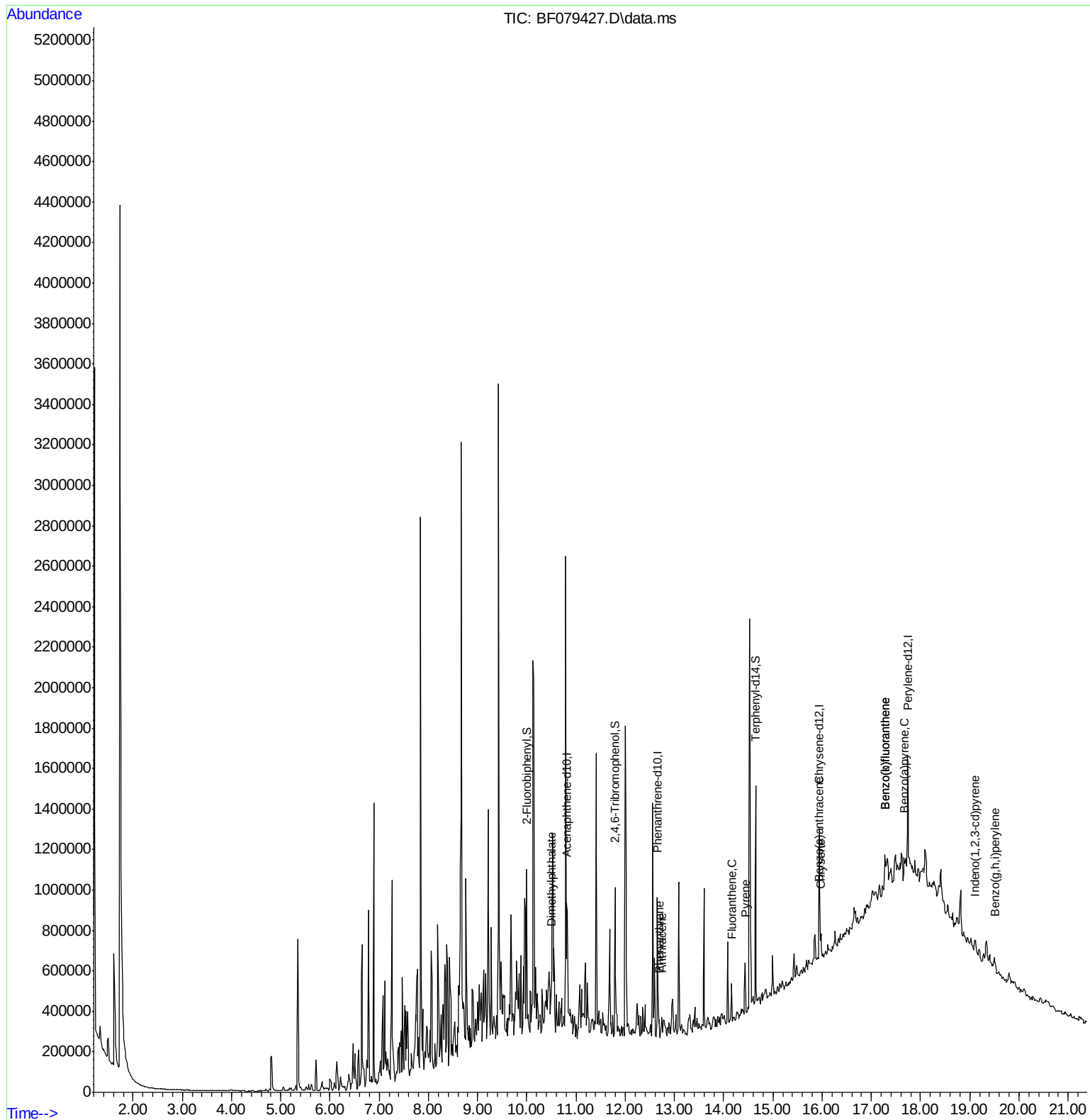
Internal Standards						
1) 1,4-Dichlorobenzene-d4	0.000	152	0	0.00	ng	-7.13
21) Naphthalene-d8	0.000	136	0	0.00	ng	-8.71
38) Acenaphthene-d10	10.811	164	137512	20.00	ng	-0.07
63) Phenanthrene-d10	12.651	188	269498	20.00	ng	-0.07
75) Chrysene-d12	15.943	240	282018	20.00	ng	#-0.08
86) Perylene-d12	17.737	264	295551	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0	0.00	ng	
7) Phenol-d6	0.000	99	0	0.00	ng	
23) Nitrobenzene-d5	0.000	82	0	0.00	ng	
41) 2,4,6-Tribromophenol	11.794	330	93421	62.80	ng	-0.07
44) 2-Fluorobiphenyl	9.999	172	366438	37.13	ng	-0.06
78) Terphenyl-d14	14.651	244	410337	34.83	ng	-0.07
Target Compounds						
						Qvalue
49) Dimethylphthalate	10.502	163	33072	3.28	ng	# 97
70) Phenanthrene	12.685	178	48561	3.22	ng	97
71) Anthracene	12.742	178	43688	2.95	ng	97
74) Fluoranthene	14.160	202	103120	6.56	ng	94
77) Pyrene	14.434	202	107258	6.60	ng	99
80) Benzo(a)anthracene	15.931	228	60479	3.92	ng	# 84
82) Chrysene	15.977	228	61595	4.15	ng	# 95
85) Indeno(1,2,3-cd)pyrene	19.109	276	48591	2.57	ng	99
87) Benzo(b)fluoranthene	17.280	252	132824	8.21	ng	# 84
88) Benzo(k)fluoranthene	17.280	252	132824	8.48	ng	# 81
89) Benzo(a)pyrene	17.669	252	53042	3.56	ng	# 73
91) Benzo(g,h,i)perylene	19.509	276	47906	3.02	ng	# 88

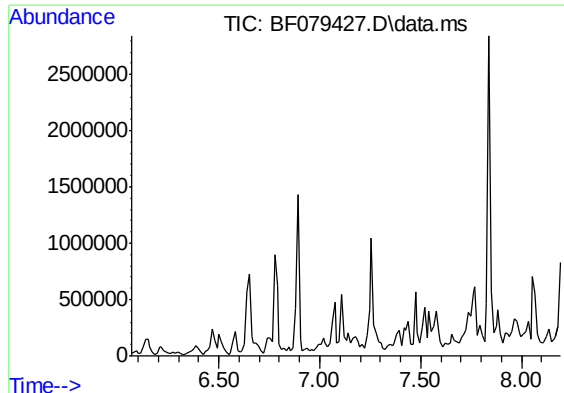
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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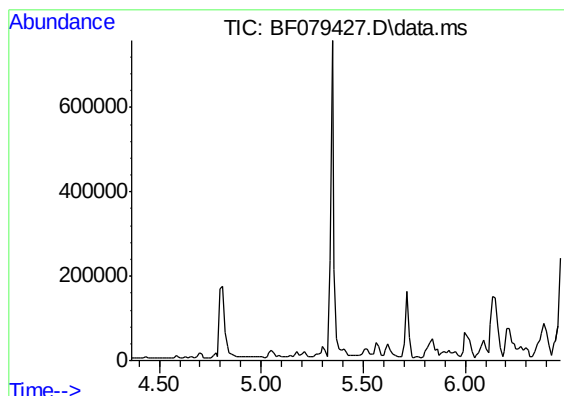
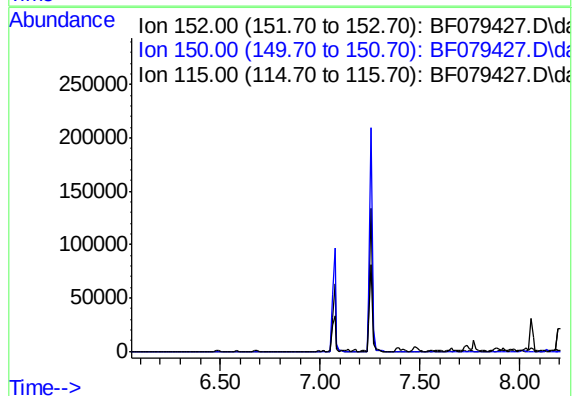


#1
1,4-Dichlorobenzene-d4
Concen: 0.00 ng
Expected RT: 7.13 min

Lab File: BF079427.D
Acq: 22 May 2015 8:20

Tgt Ion: 152
Sig Exp Ratio
152 100
150 154.8
115 61.7

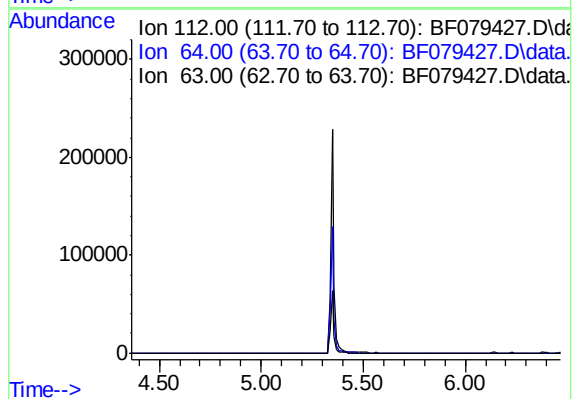
Instrument :
BNA_F
ClientSampleId :

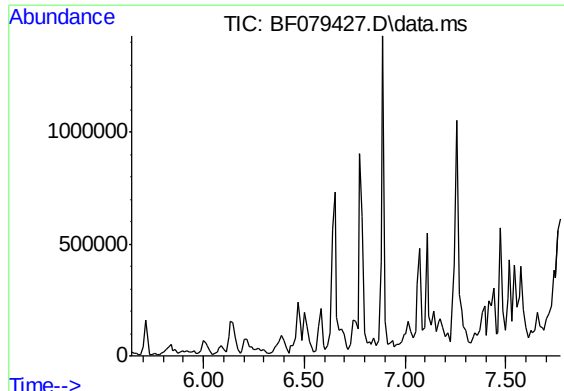


#5
2-Fluorophenol
Concen: 0.00 ng
Expected RT: 5.42 min

Lab File: BF079427.D
Acq: 22 May 2015 8:20

Tgt Ion: 112
Sig Exp Ratio
112 100
64 55.2
63 28.4



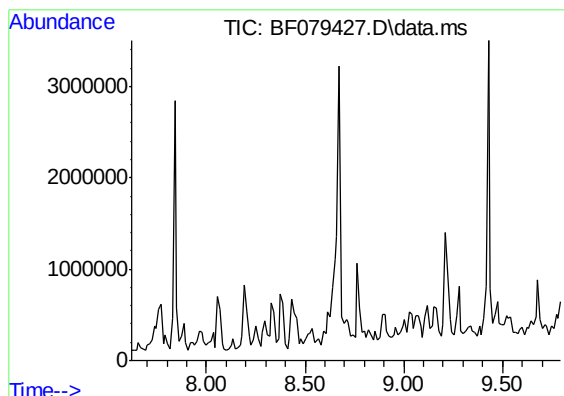
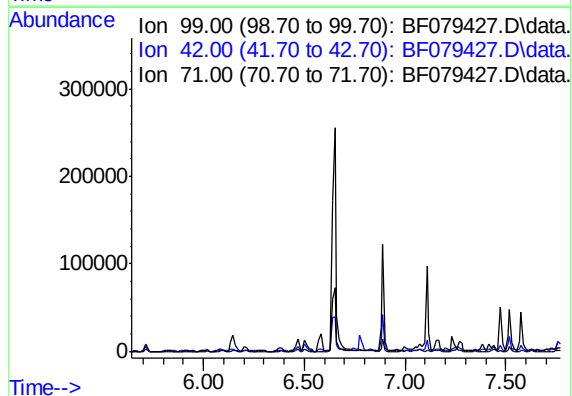


#7
Phenol-d6
Concen: 0.00 ng
Expected RT: 6.71 min

Lab File: BF079427.D
Acq: 22 May 2015 8:20

Instrument :
BNA_F
ClientSampleId :

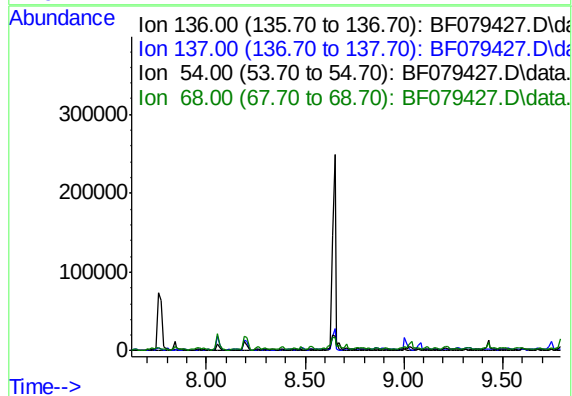
Tgt Ion: 99
Sig Exp Ratio
99 100
42 21.4
71 32.9

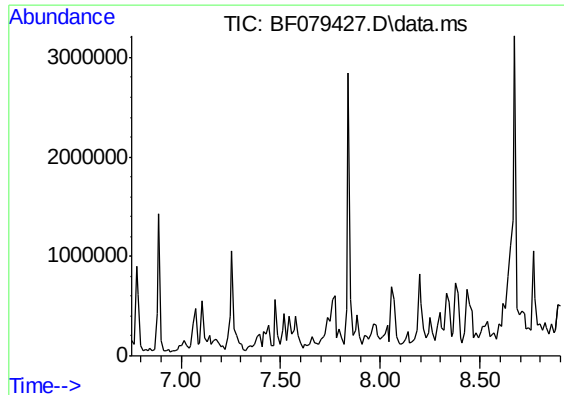


#21
Naphthalene-d8
Concen: 0.00 ng
Expected RT: 8.71 min

Lab File: BF079427.D
Acq: 22 May 2015 8:20

Tgt Ion: 136
Sig Exp Ratio
136 100
137 11.0
54 8.6
68 6.1



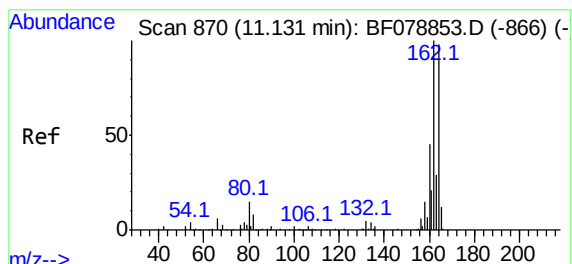
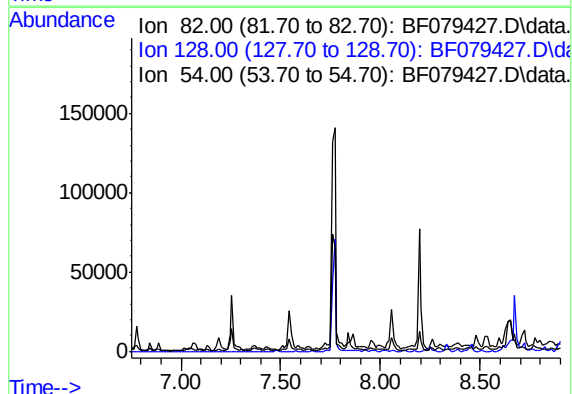


#23
 Nitrobenzene-d5
 Concen: 0.00 ng
 Expected RT: 7.83 min

Lab File: BF079427.D
 Acq: 22 May 2015 8:20

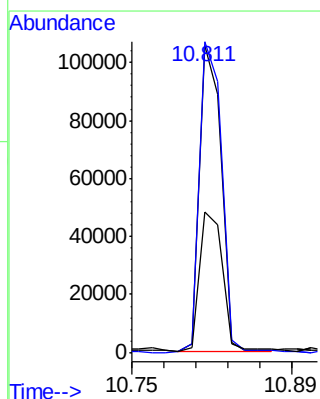
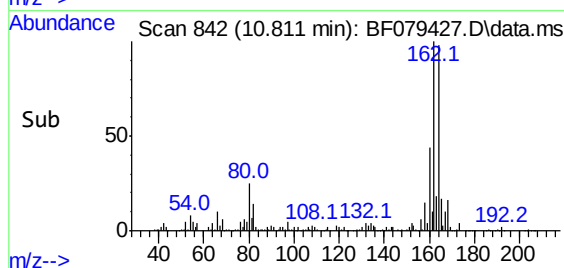
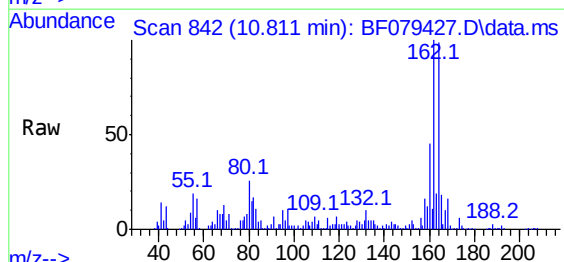
Instrument :
 BNA_F
 ClientSampleId :

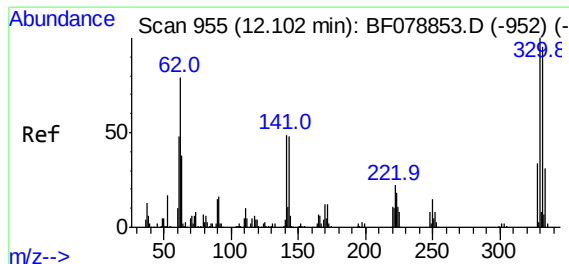
Tgt Ion: 82
 Sig Exp Ratio
 82 100
 128 37.1
 54 57.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.811 min Scan# 842
 Delta R.T. -0.068 min
 Lab File: BF079427.D
 Acq: 22 May 2015 8:20

Tgt Ion:164 Resp: 137512
 Ion Ratio Lower Upper
 164 100
 162 101.1 81.4 122.0
 160 45.7 36.6 54.8

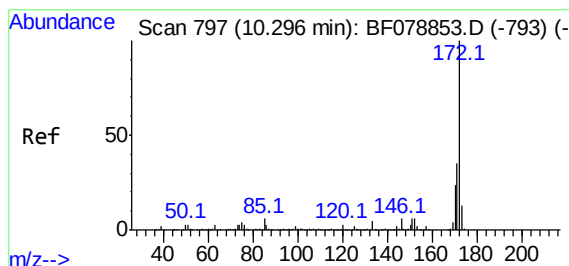
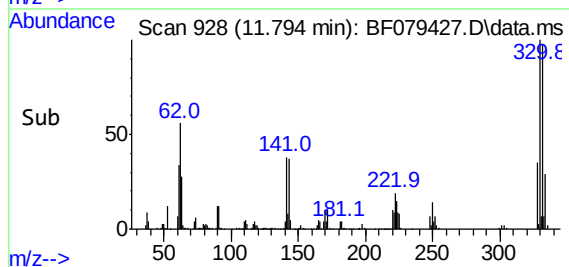
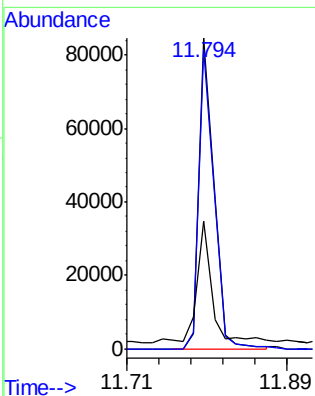
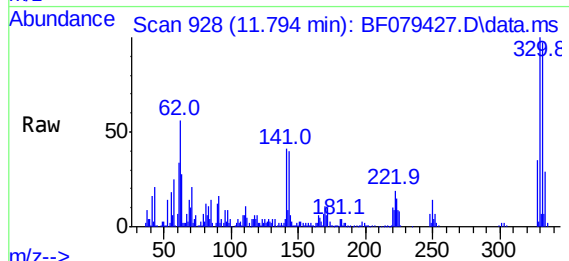




#41
2,4,6-Tribromophenol
Concen: 62.80 ng
RT: 11.794 min Scan# 928
Delta R.T. -0.068 min
Lab File: BF079427.D
Acq: 22 May 2015 8:20

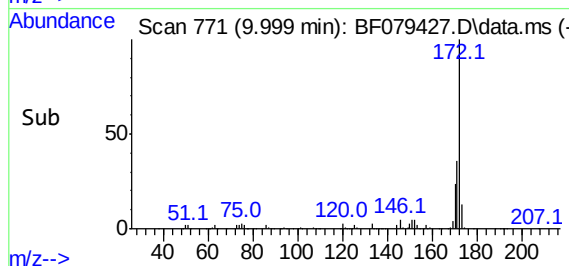
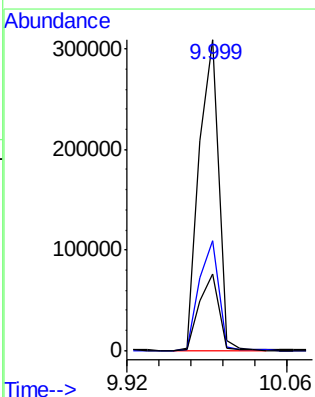
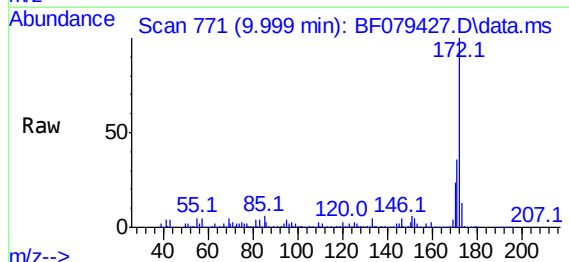
Instrument :
BNA_F
ClientSampleId :

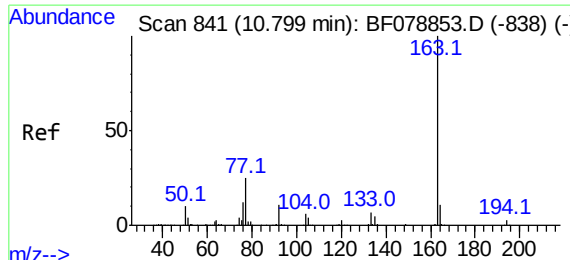
Tgt Ion:	330	Resp:	93421
Ion	Ratio	Lower	Upper
330	100		
332	97.4	76.9	115.3
141	39.9	27.8	41.8



#44
2-Fluorobiphenyl
Concen: 37.13 ng
RT: 9.999 min Scan# 771
Delta R.T. -0.057 min
Lab File: BF079427.D
Acq: 22 May 2015 8:20

Tgt Ion:	172	Resp:	366438
Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.3	42.5
170	24.4	19.4	29.2

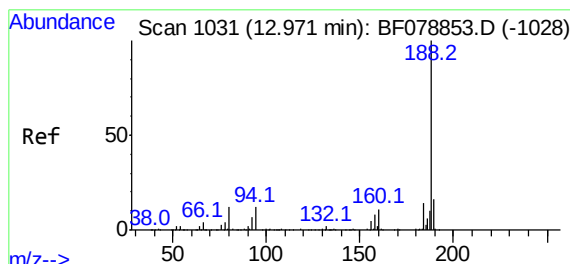
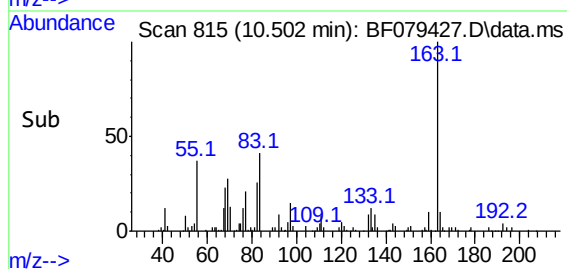
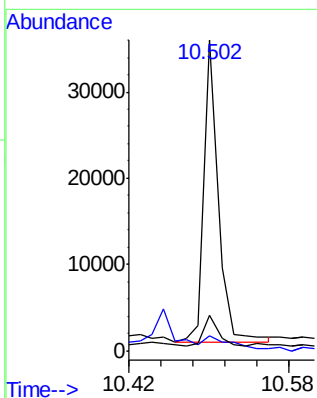
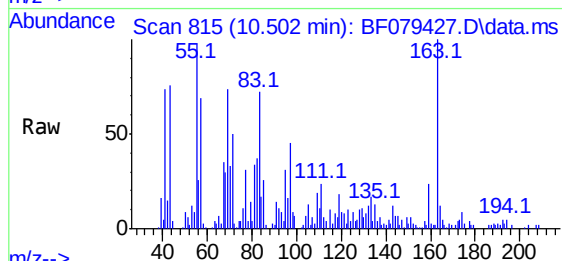




#49
Dimethylphthalate
Concen: 3.28 ng
RT: 10.502 min Scan# 815
Delta R.T. -0.068 min
Lab File: BF079427.D
Acq: 22 May 2015 8:20

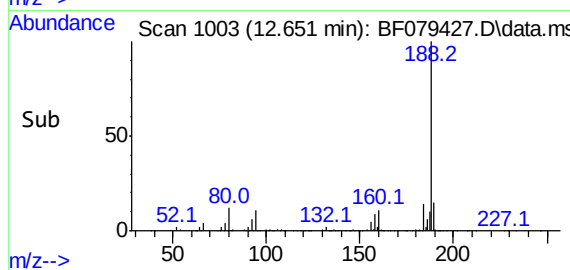
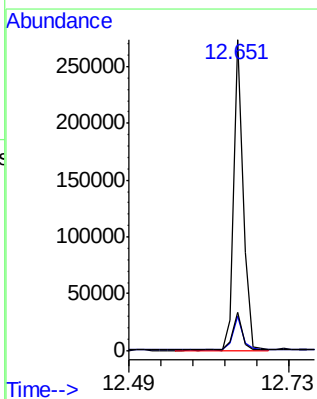
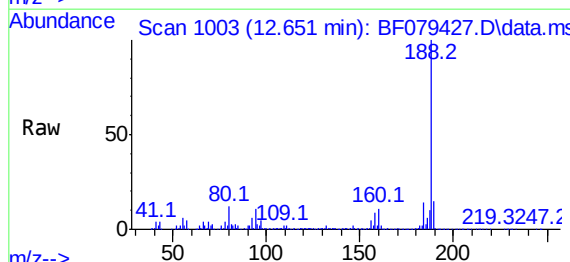
Instrument :
BNA_F
ClientSampleId :

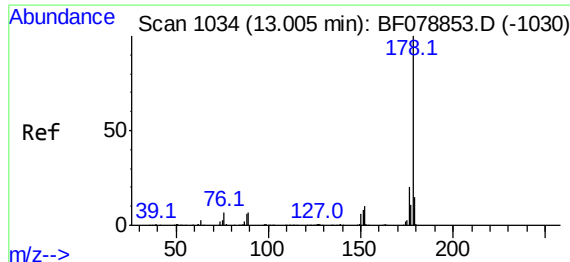
Tgt Ion:163 Resp: 33072
Ion Ratio Lower Upper
163 100
194 4.8 2.4 3.6#
164 11.5 8.6 12.8



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.651 min Scan# 1003
Delta R.T. -0.068 min
Lab File: BF079427.D
Acq: 22 May 2015 8:20

Tgt Ion:188 Resp: 269498
Ion Ratio Lower Upper
188 100
94 11.1 9.4 14.0
80 12.3 9.8 14.6

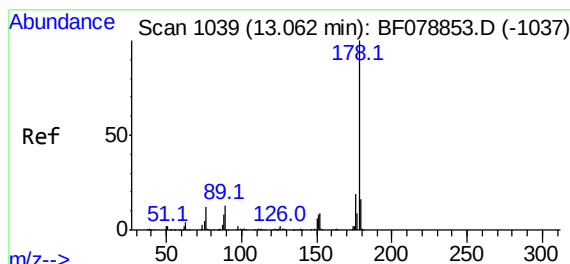
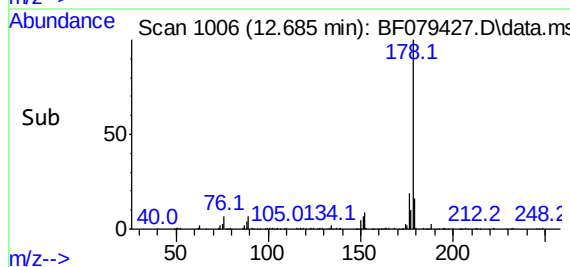
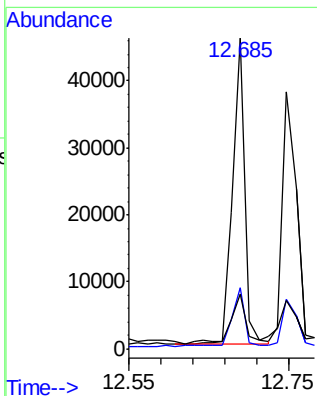
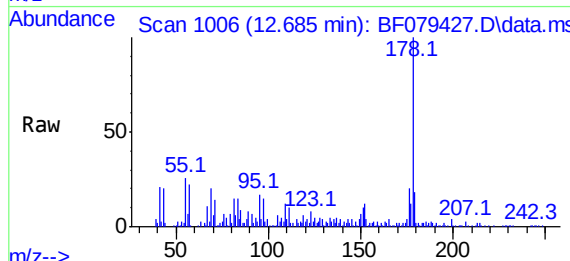




#70
Phenanthrene
Concen: 3.22 ng
RT: 12.685 min Scan# 1006
Delta R.T. -0.057 min
Lab File: BF079427.D
Acq: 22 May 2015 8:20

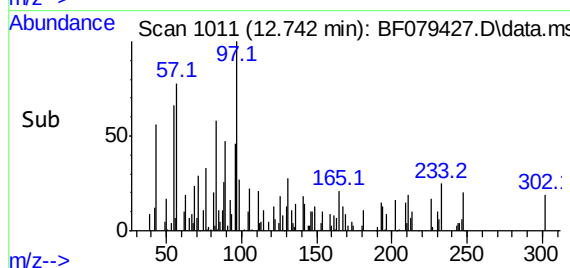
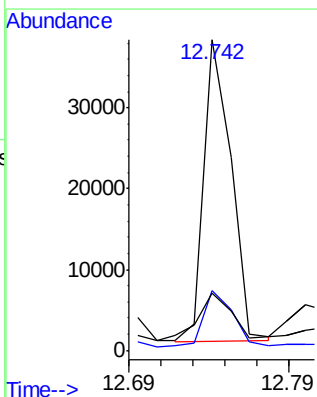
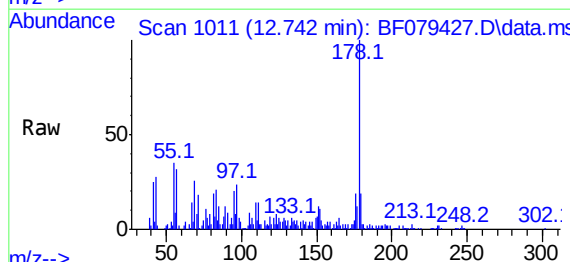
Instrument :
BNA_F
ClientSampleId :

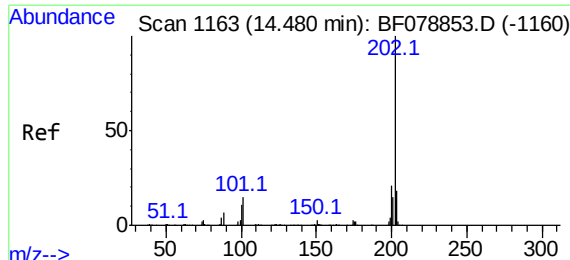
Tgt Ion:178 Resp: 48561
Ion Ratio Lower Upper
178 100
176 19.5 15.9 23.9
179 17.8 12.2 18.4



#71
Anthracene
Concen: 2.95 ng
RT: 12.742 min Scan# 1011
Delta R.T. -0.068 min
Lab File: BF079427.D
Acq: 22 May 2015 8:20

Tgt Ion:178 Resp: 43688
Ion Ratio Lower Upper
178 100
176 19.2 15.3 22.9
179 18.6 12.6 19.0

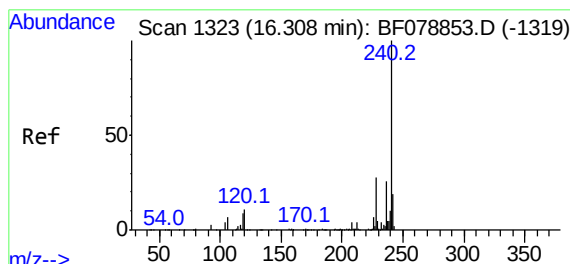
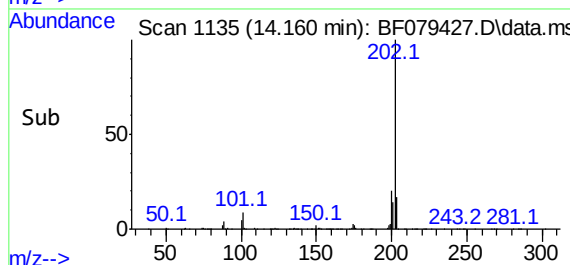
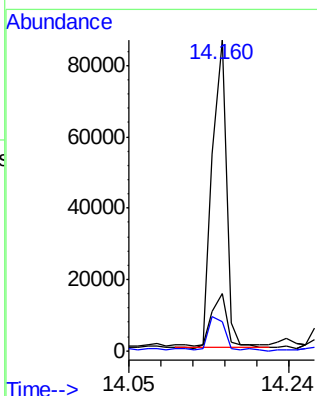
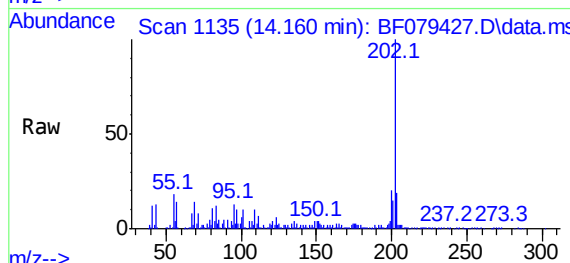




#74
Fluoranthene
Concen: 6.56 ng
RT: 14.160 min Scan# 1135
Delta R.T. -0.068 min
Lab File: BF079427.D
Acq: 22 May 2015 8:20

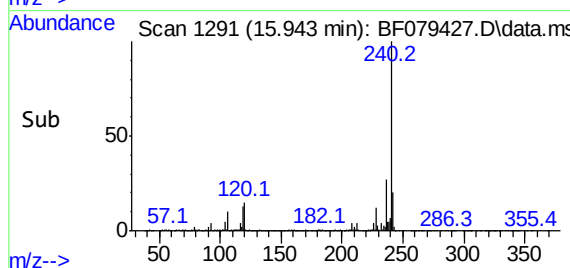
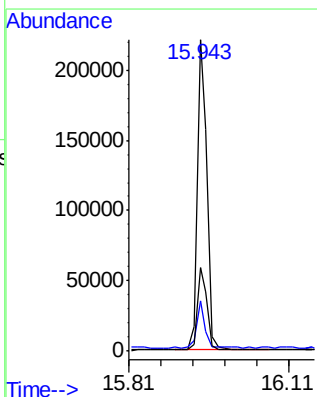
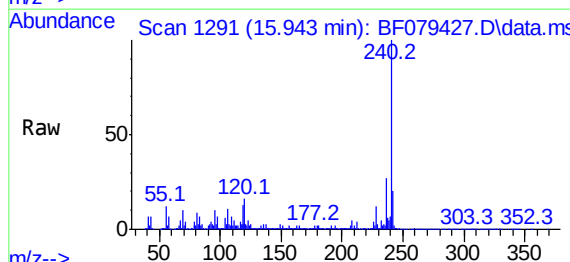
Instrument :
BNA_F
ClientSampled :

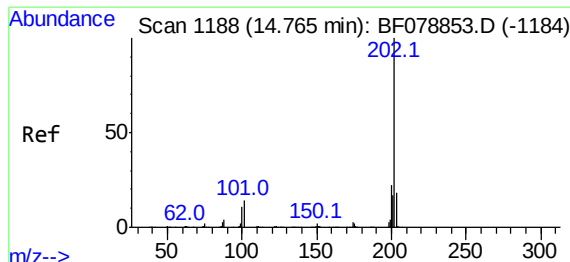
Tgt Ion:202 Resp: 103120
Ion Ratio Lower Upper
202 100
101 9.6 0.0 34.7
203 18.6 0.0 37.9



#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.943 min Scan# 1291
Delta R.T. -0.080 min
Lab File: BF079427.D
Acq: 22 May 2015 8:20

Tgt Ion:240 Resp: 282018
Ion Ratio Lower Upper
240 100
120 15.8 8.6 12.8#
236 26.7 21.0 31.6

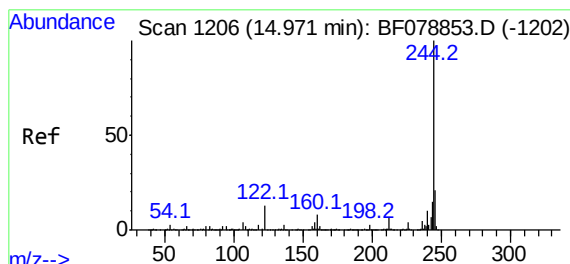
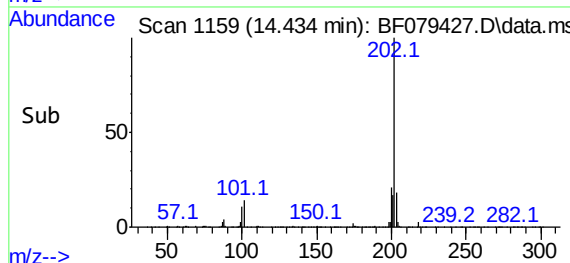
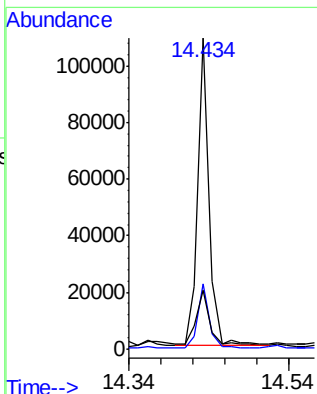
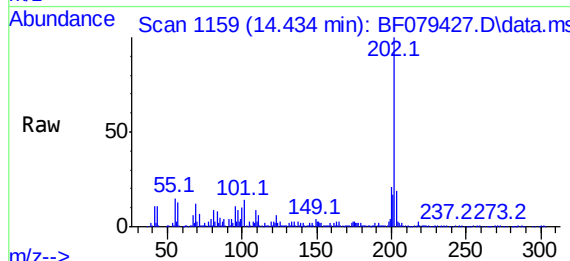




#77
Pyrene
Concen: 6.60 ng
RT: 14.434 min Scan# 1159
Delta R.T. -0.068 min
Lab File: BF079427.D
Acq: 22 May 2015 8:20

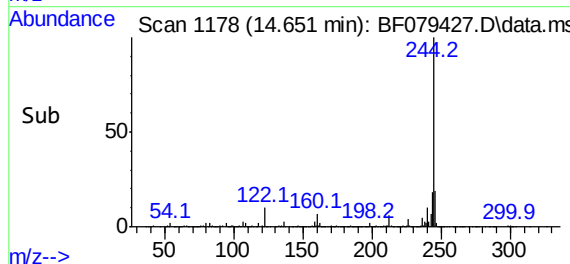
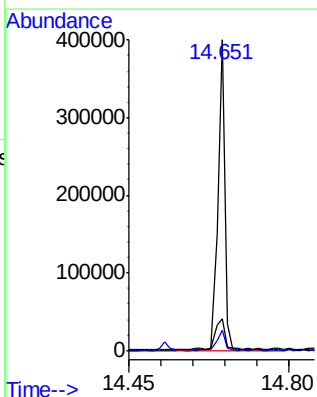
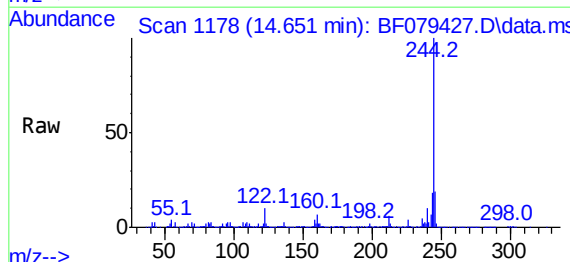
Instrument :
BNA_F
ClientSampled :

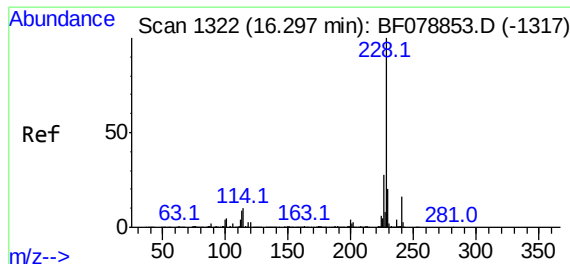
Tgt Ion:202 Resp: 107258
Ion Ratio Lower Upper
202 100
200 21.0 17.5 26.3
203 18.8 14.7 22.1



#78
Terphenyl-d14
Concen: 34.83 ng
RT: 14.651 min Scan# 1178
Delta R.T. -0.069 min
Lab File: BF079427.D
Acq: 22 May 2015 8:20

Tgt Ion:244 Resp: 410337
Ion Ratio Lower Upper
244 100
212 6.4 5.6 8.4
122 10.4 10.5 15.7#

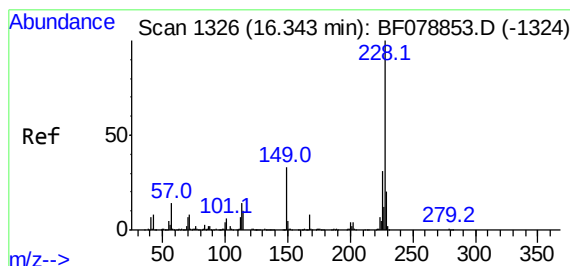
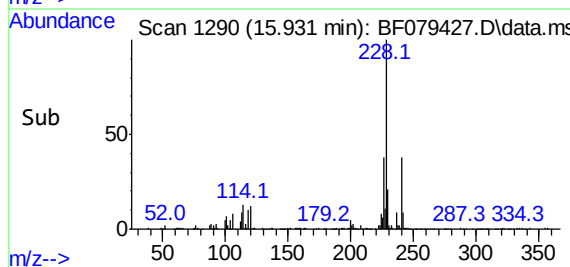
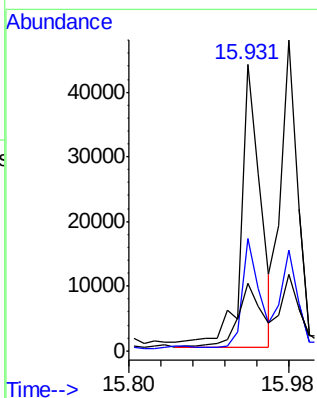
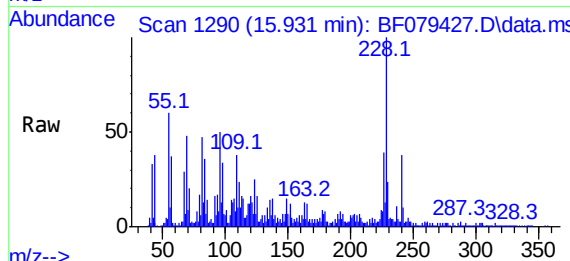




#80
Benzo(a)anthracene
Concen: 3.92 ng
RT: 15.931 min Scan# 1290
Delta R.T. -0.080 min
Lab File: BF079427.D
Acq: 22 May 2015 8:20

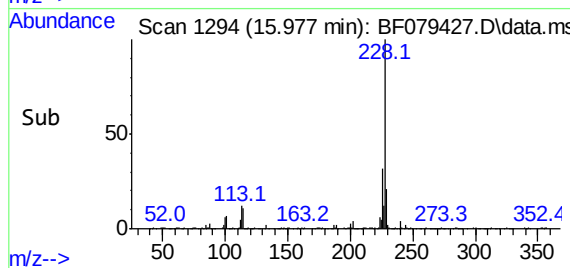
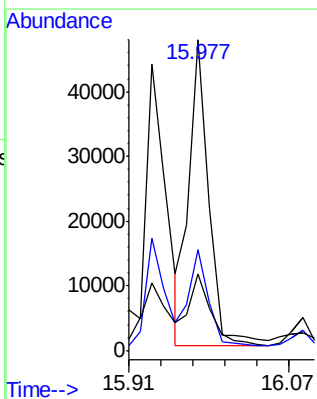
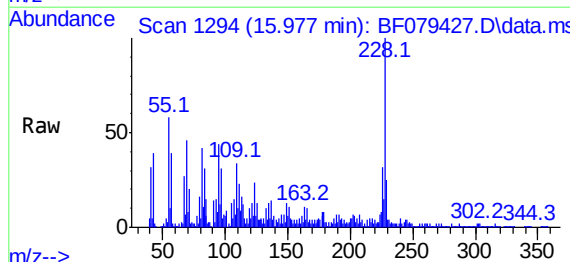
Instrument :
BNA_F
ClientSampleId :

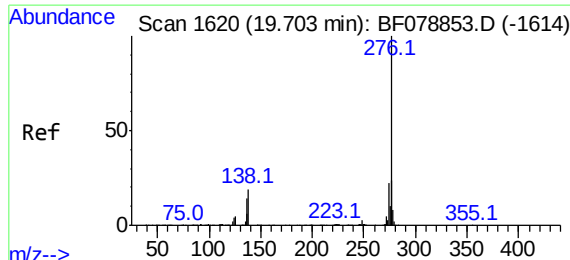
Tgt Ion:228 Resp: 60479
Ion Ratio Lower Upper
228 100
226 39.2 22.3 33.5#
229 23.8 16.1 24.1



#82
Chrysene
Concen: 4.15 ng
RT: 15.977 min Scan# 1294
Delta R.T. -0.080 min
Lab File: BF079427.D
Acq: 22 May 2015 8:20

Tgt Ion:228 Resp: 61595
Ion Ratio Lower Upper
228 100
226 32.3 24.8 37.2
229 24.7 16.1 24.1#

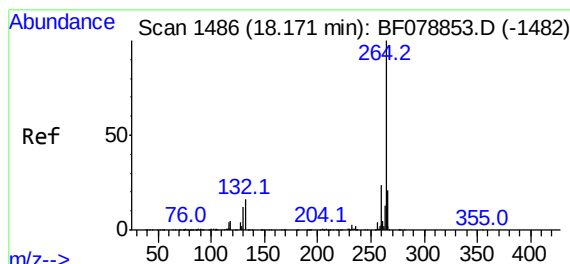
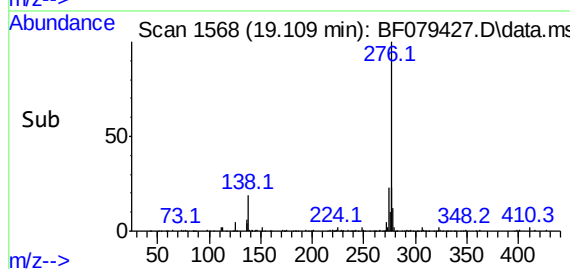
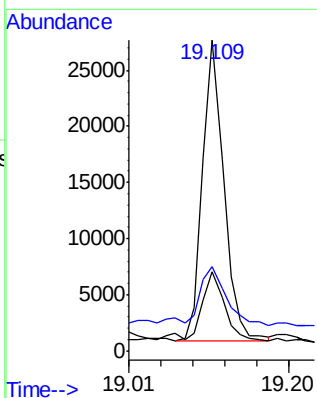
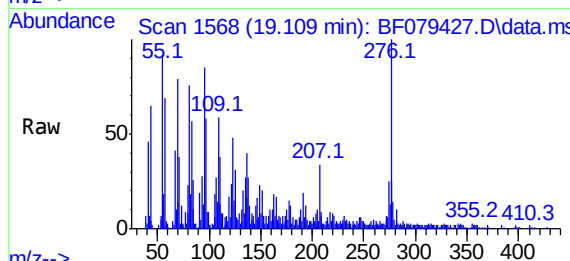




#85
Indeno(1,2,3-cd)pyrene
Concen: 2.57 ng
RT: 19.109 min Scan# 1568
Delta R.T. -0.103 min
Lab File: BF079427.D
Acq: 22 May 2015 8:20

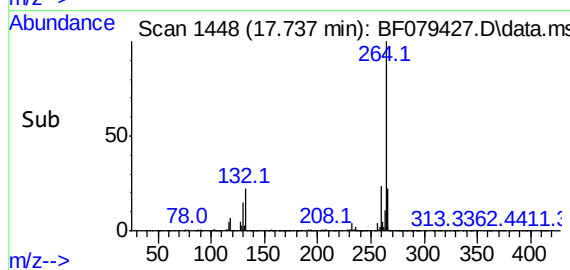
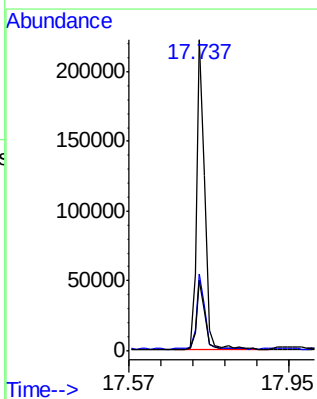
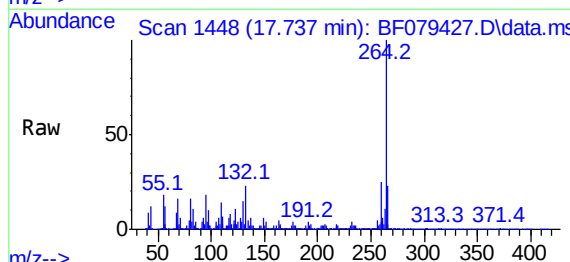
Instrument :
BNA_F
ClientSampled :

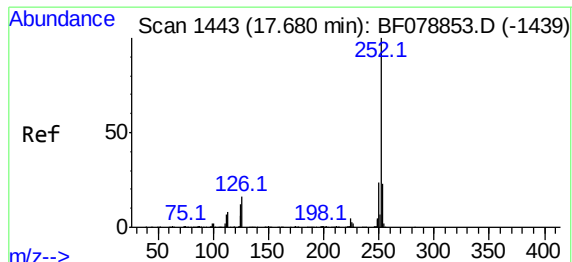
Tgt Ion:276 Resp: 48591
Ion Ratio Lower Upper
276 100
138 25.6 21.1 31.7
277 25.2 19.9 29.9



#86
Perylene-d12
Concen: 20.00 ng
RT: 17.737 min Scan# 1448
Delta R.T. -0.080 min
Lab File: BF079427.D
Acq: 22 May 2015 8:20

Tgt Ion:264 Resp: 295551
Ion Ratio Lower Upper
264 100
260 24.6 19.2 28.8
265 22.7 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 8.21 ng

RT: 17.280 min Scan# 1408

Delta R.T. -0.069 min

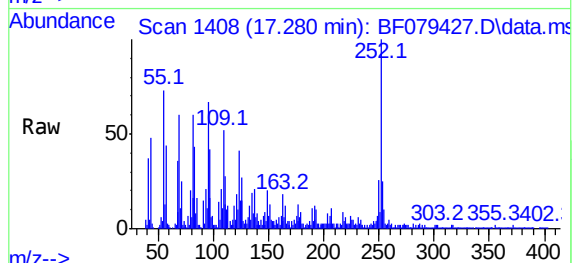
Lab File: BF079427.D

Acq: 22 May 2015 8:20

Instrument :

BNA_F

ClientSampleId :



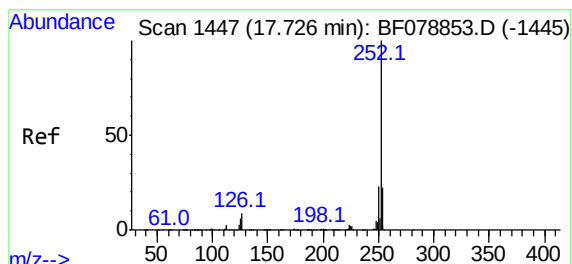
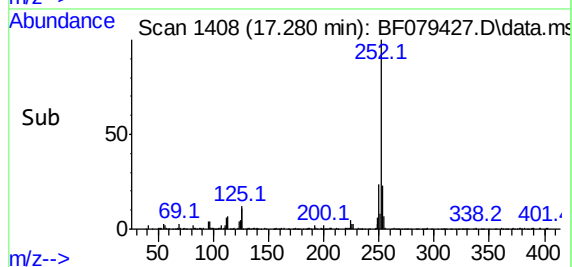
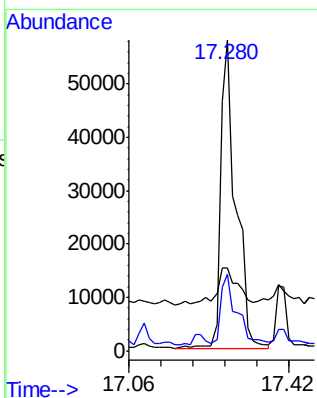
Tgt Ion:252 Resp: 132824

Ion Ratio Lower Upper

252 100

253 24.8 18.1 27.1

125 26.6 9.4 14.2#



#88

Benzo(k)fluoranthene

Concen: 8.48 ng

RT: 17.280 min Scan# 1408

Delta R.T. -0.103 min

Lab File: BF079427.D

Acq: 22 May 2015 8:20

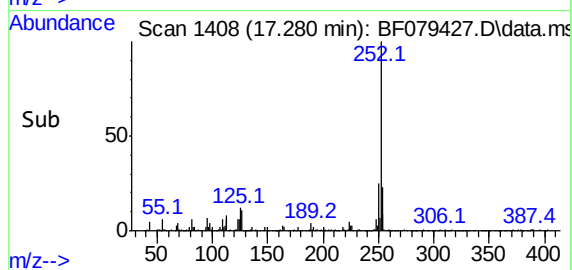
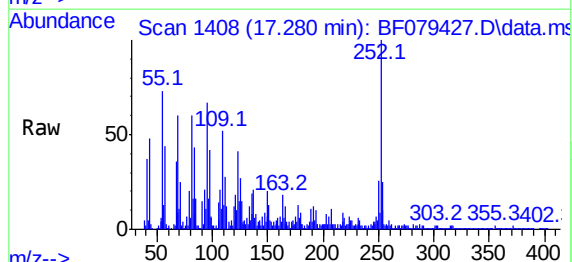
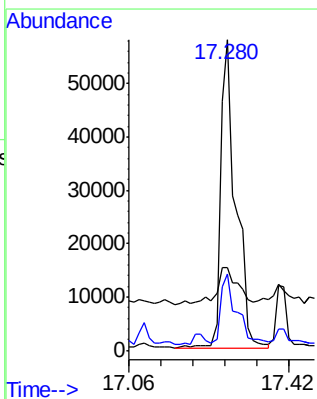
Tgt Ion:252 Resp: 132824

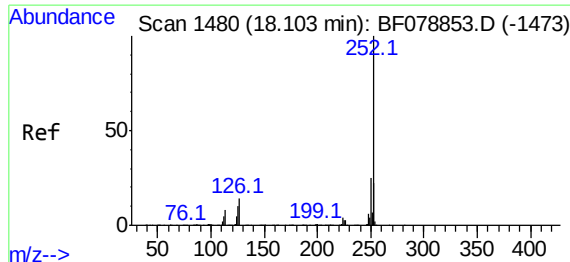
Ion Ratio Lower Upper

252 100

253 24.8 17.4 26.0

125 26.6 6.1 9.1#

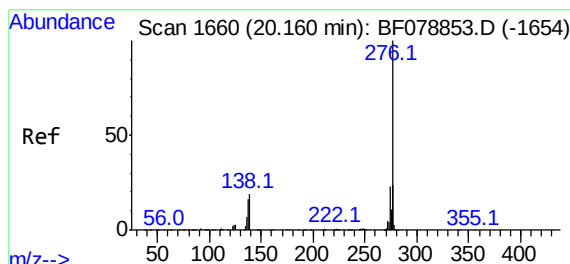
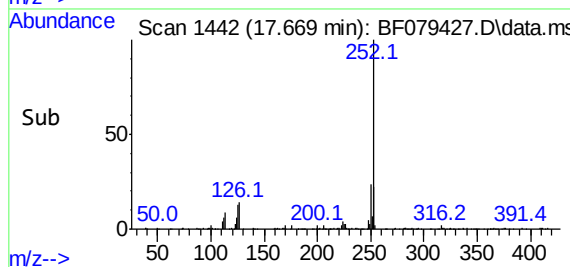
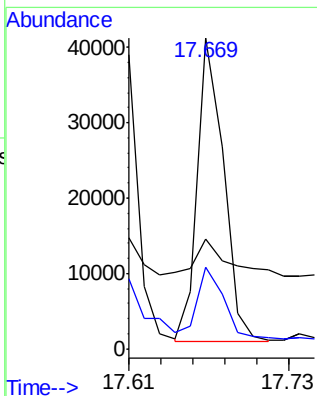
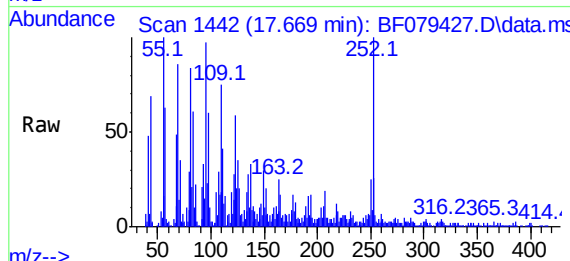




#89
Benzo(a)pyrene
Concen: 3.56 ng
RT: 17.669 min Scan# 1442
Delta R.T. -0.080 min
Lab File: BF079427.D
Acq: 22 May 2015 8:20

Instrument :
BNA_F
ClientSampled :

Tgt Ion:252 Resp: 53042
Ion Ratio Lower Upper
252 100
253 26.3 18.0 27.0
125 35.4 8.2 12.2#



#91
Benzo(g,h,i)perylene
Concen: 3.02 ng
RT: 19.509 min Scan# 1603
Delta R.T. -0.114 min
Lab File: BF079427.D
Acq: 22 May 2015 8:20

Tgt Ion:276 Resp: 47906
Ion Ratio Lower Upper
276 100
277 23.7 18.8 28.2
138 30.7 15.2 22.8#

