

Data Path : Z:\HPCHEM1\BNA_F\Data\BF052115\
 Data File : BF079423.D
 Acq On : 22 May 2015 3:21 am
 Operator : TP/IZ
 Sample : G2289-13
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-31S

Quant Time: May 22 05:08:53 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 05:01:56 2015
 Response via : Initial Calibration

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

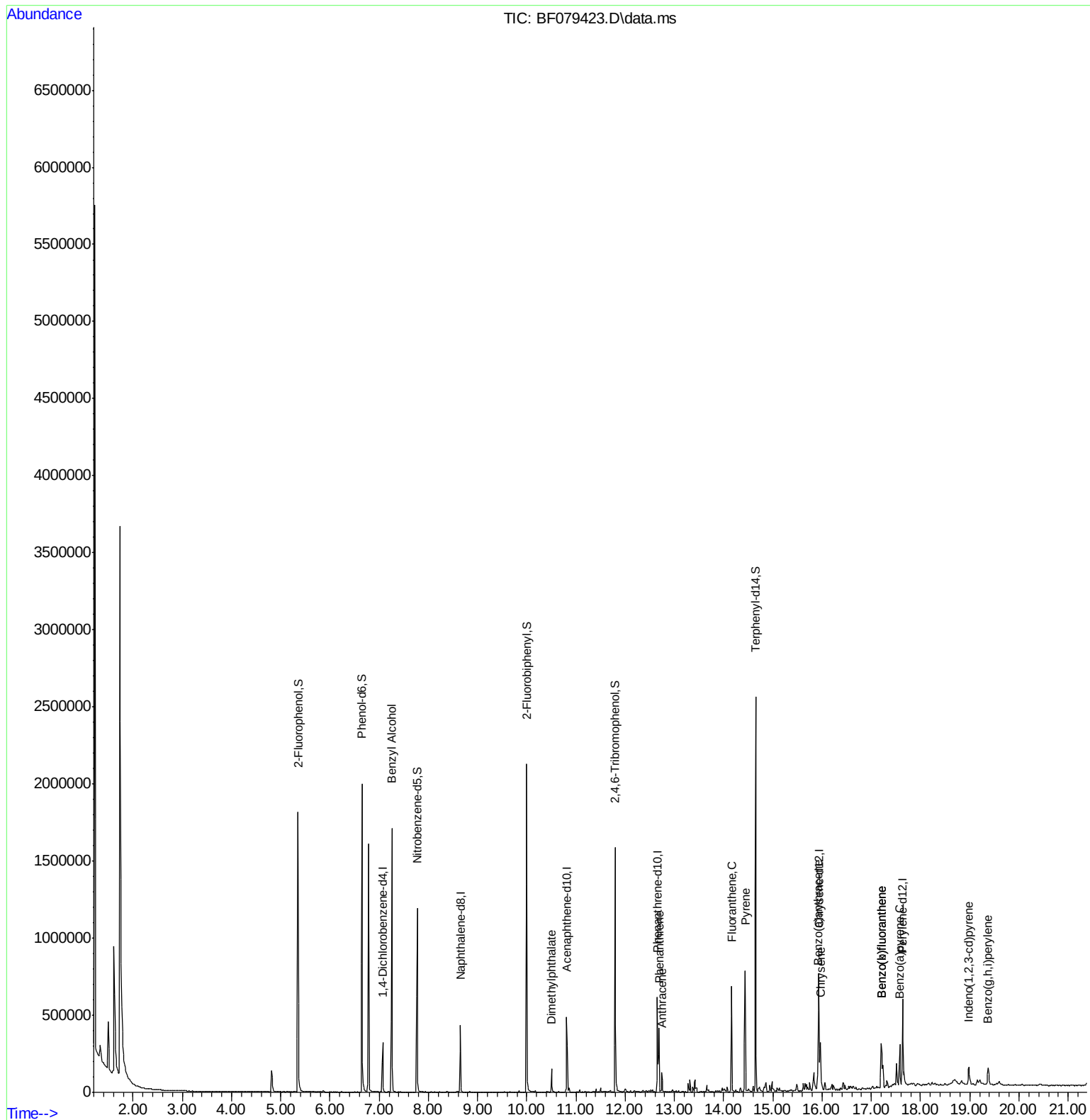
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.073	152	64065	20.00	ng	0.00
21) Naphthalene-d8	8.650	136	257114	20.00	ng	# 0.00
38) Acenaphthene-d10	10.811	164	124823	20.00	ng	0.00
63) Phenanthrene-d10	12.651	188	242473	20.00	ng	0.00
75) Chrysene-d12	15.931	240	249816	20.00	ng	0.00
86) Perylene-d12	17.634	264	257854	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.347	112	553854	148.82	ng	0.00
7) Phenol-d6	6.650	99	787030	159.98	ng	0.01
23) Nitrobenzene-d5	7.770	82	454145	101.51	ng	0.00
41) 2,4,6-Tribromophenol	11.794	330	217417	161.01	ng	0.00
44) 2-Fluorobiphenyl	9.999	172	879116	98.12	ng	0.00
78) Terphenyl-d14	14.651	244	970875	93.05	ng	0.00
Target Compounds						
						Qvalue
15) Benzyl Alcohol	7.256	79	7855	2.15	ng	# 45
49) Dimethylphthalate	10.502	163	66890	7.30	ng	100
70) Phenanthrene	12.685	178	200329	14.77	ng	99
71) Anthracene	12.742	178	63237	4.75	ng	98
74) Fluoranthene	14.159	202	379123	26.82	ng	93
77) Pyrene	14.434	202	329198	22.87	ng	100
80) Benzo(a)anthracene	15.920	228	179773	13.14	ng	99
82) Chrysene	15.965	228	134015	10.19	ng	98
85) Indeno(1,2,3-cd)pyrene	18.983	276	86589	5.17	ng	94
87) Benzo(b)fluoranthene	17.200	252	240902	17.07	ng	100
88) Benzo(k)fluoranthene	17.200	252	240902	17.63	ng	# 95
89) Benzo(a)pyrene	17.577	252	135458	10.42	ng	99
91) Benzo(g,h,i)perylene	19.371	276	87892	6.35	ng	96

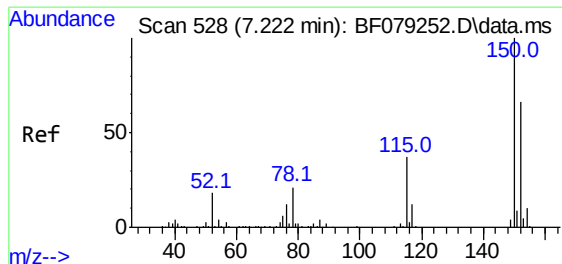
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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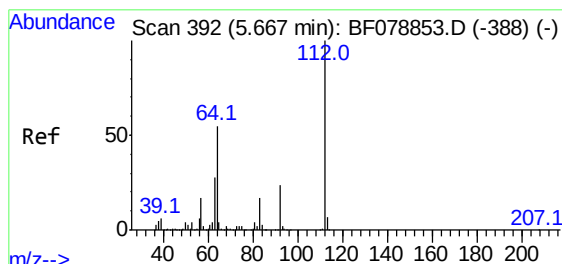
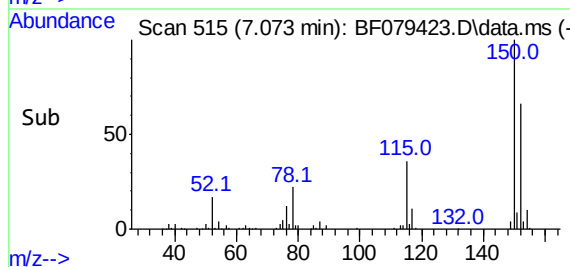
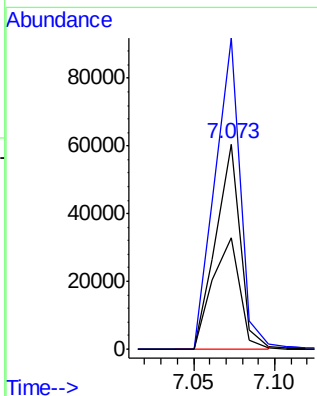
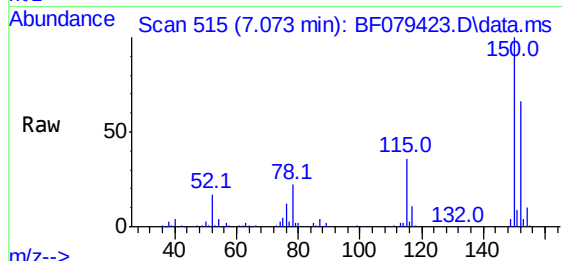




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.073 min Scan# 515
Delta R.T. 0.000 min
Lab File: BF079423.D
Acq: 22 May 2015 3:21 am

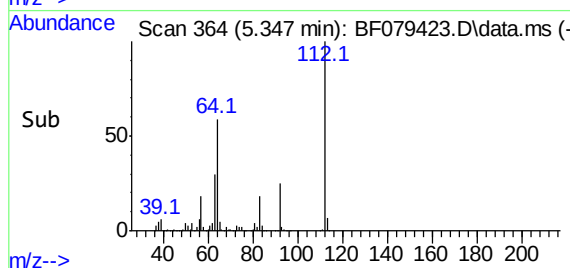
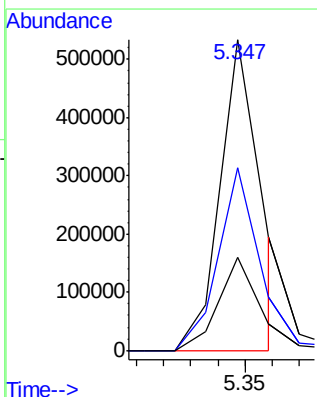
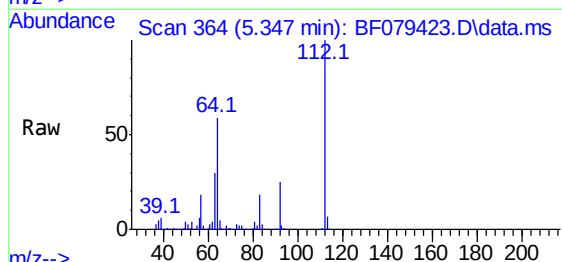
Instrument :
BNA_F
ClientSampleId :
SB-31S

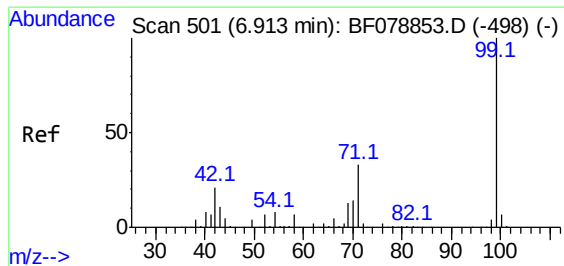
Tgt Ion:152 Resp: 64065
Ion Ratio Lower Upper
152 100
150 151.6 123.8 185.8
115 54.4 49.4 74.0



#5
2-Fluorophenol
Concen: 148.82 ng
RT: 5.347 min Scan# 364
Delta R.T. -0.000 min
Lab File: BF079423.D
Acq: 22 May 2015 3:21 am

Tgt Ion:112 Resp: 553854
Ion Ratio Lower Upper
112 100
64 58.7 44.2 66.2
63 30.1 22.7 34.1

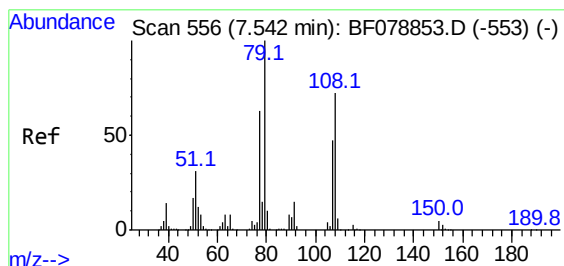
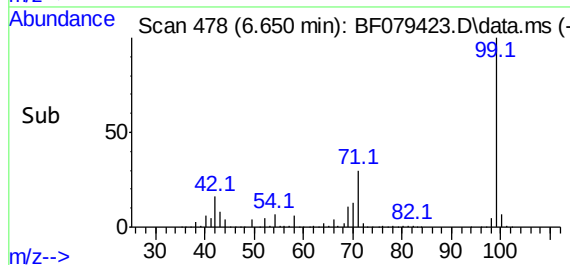
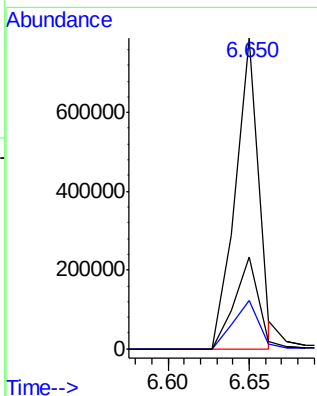
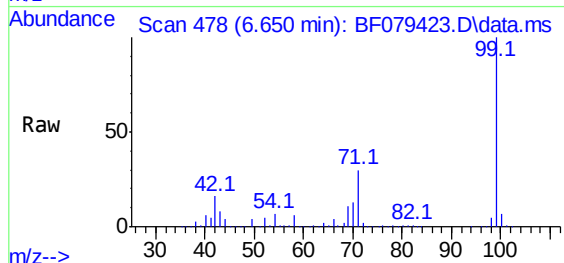




#7
Phenol-d6
Concen: 159.98 ng
RT: 6.650 min Scan# 478
Delta R.T. 0.011 min
Lab File: BF079423.D
Acq: 22 May 2015 3:21 am

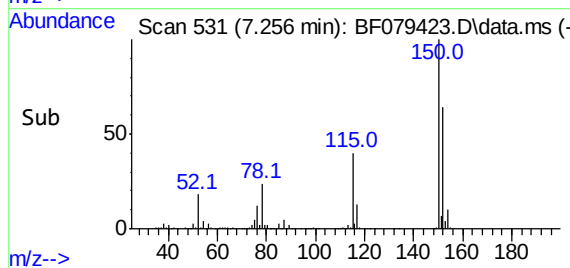
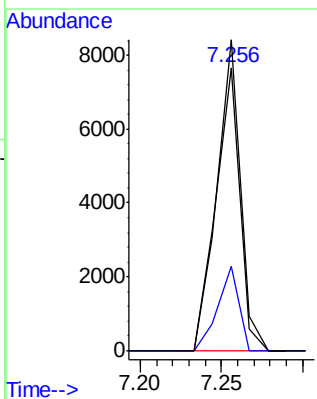
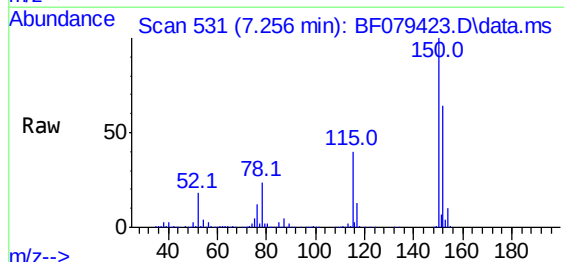
Instrument :
BNA_F
ClientSampled :
SB-31S

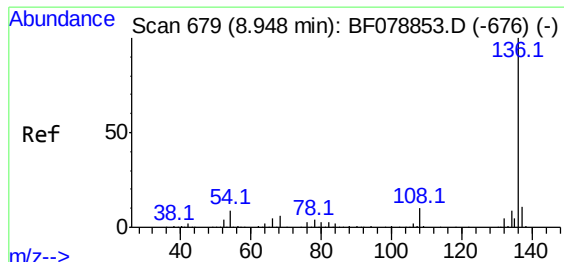
Tgt Ion: 99 Resp: 787030
Ion Ratio Lower Upper
99 100
42 15.5 17.1 25.7#
71 29.6 26.3 39.5



#15
Benzyl Alcohol
Concen: 2.15 ng
RT: 7.256 min Scan# 531
Delta R.T. -0.000 min
Lab File: BF079423.D
Acq: 22 May 2015 3:21 am

Tgt Ion: 79 Resp: 7855
Ion Ratio Lower Upper
79 100
108 29.9 57.4 86.2#
77 109.9 50.2 75.4#

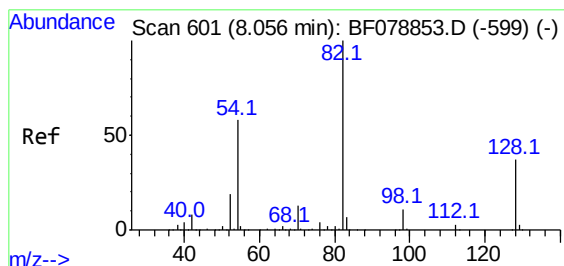
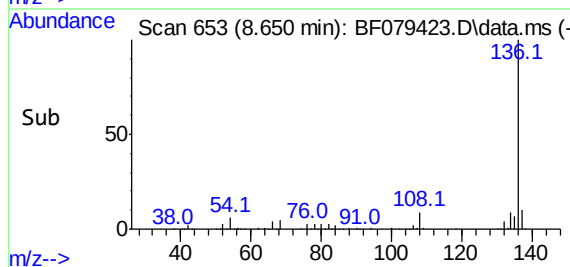
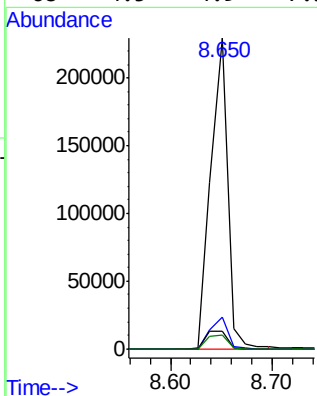
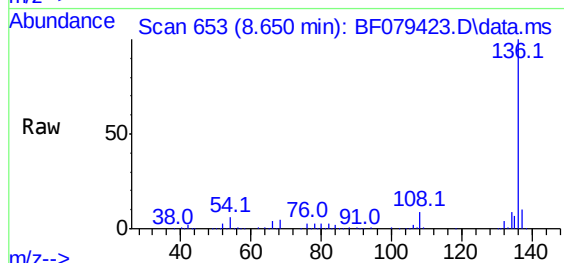




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.650 min Scan# 653
Delta R.T. -0.000 min
Lab File: BF079423.D
Acq: 22 May 2015 3:21 am

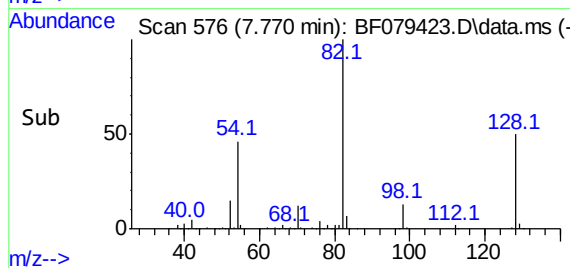
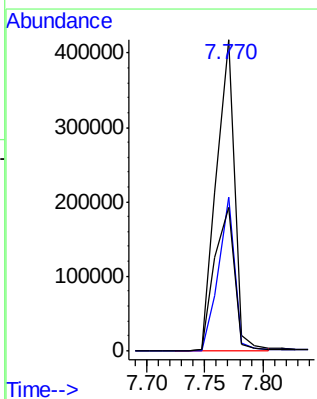
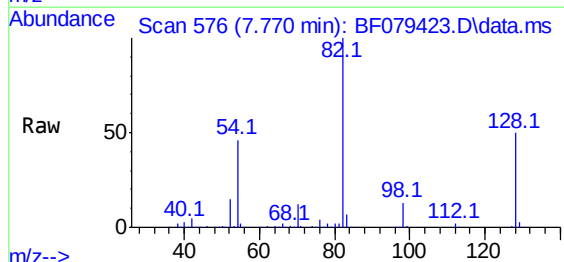
Instrument :
BNA_F
ClientSampleId :
SB-31S

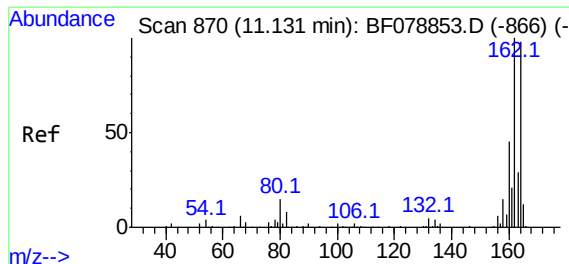
Tgt Ion:136 Resp: 257114
Ion Ratio Lower Upper
136 100
137 10.3 8.8 13.2
54 5.8 6.9 10.3#
68 4.5 4.9 7.3#



#23
Nitrobenzene-d5
Concen: 101.51 ng
RT: 7.770 min Scan# 576
Delta R.T. -0.000 min
Lab File: BF079423.D
Acq: 22 May 2015 3:21 am

Tgt Ion: 82 Resp: 454145
Ion Ratio Lower Upper
82 100
128 49.5 29.7 44.5#
54 46.0 46.2 69.4#

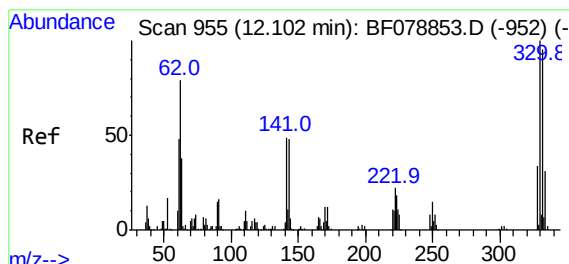
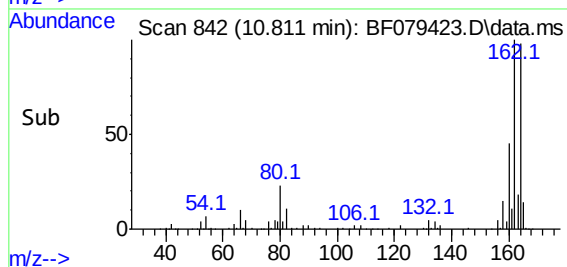
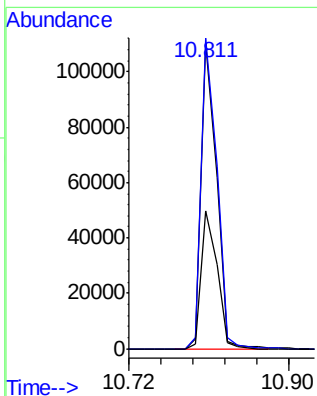
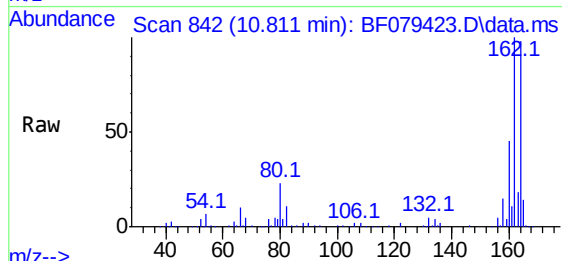




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.811 min Scan# 842
Delta R.T. -0.000 min
Lab File: BF079423.D
Acq: 22 May 2015 3:21 am

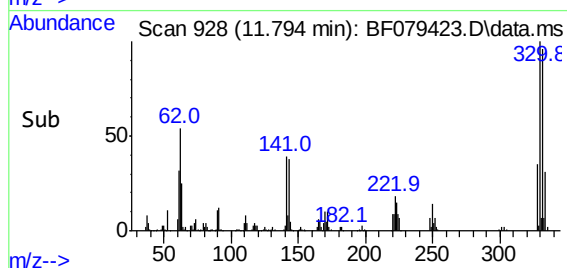
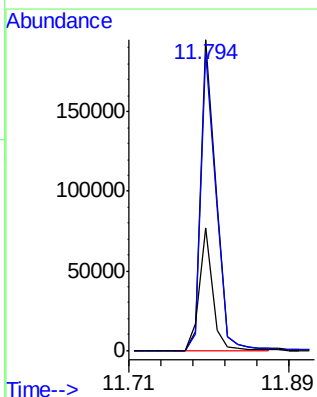
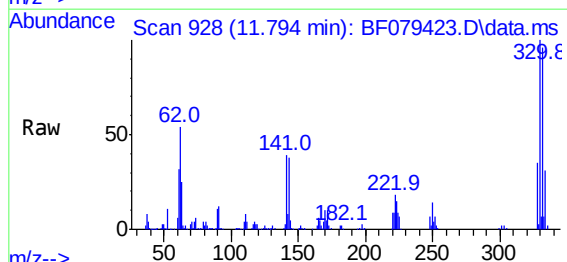
Instrument :
BNA_F
ClientSampleId :
SB-31S

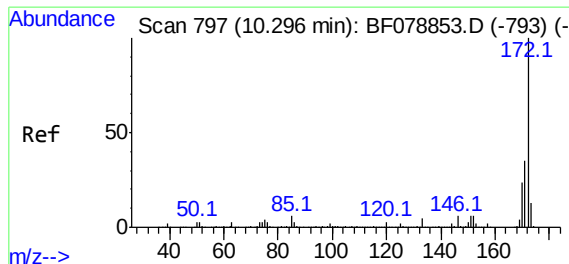
Tgt Ion:164 Resp: 124823
Ion Ratio Lower Upper
164 100
162 101.6 81.4 122.0
160 45.2 36.6 54.8



#41
2,4,6-Tribromophenol
Concen: 161.01 ng
RT: 11.794 min Scan# 928
Delta R.T. -0.000 min
Lab File: BF079423.D
Acq: 22 May 2015 3:21 am

Tgt Ion:330 Resp: 217417
Ion Ratio Lower Upper
330 100
332 96.0 76.9 115.3
141 35.0 27.8 41.8

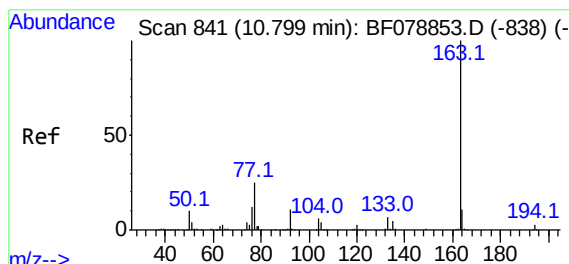
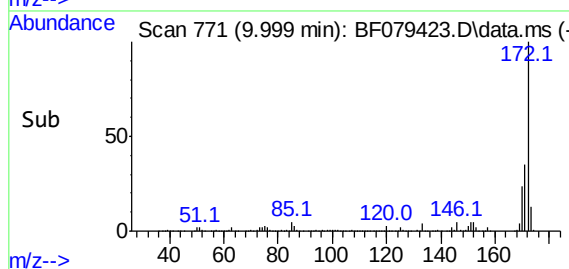
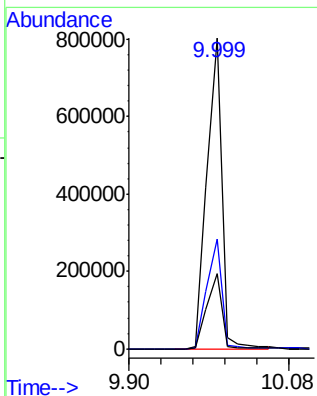
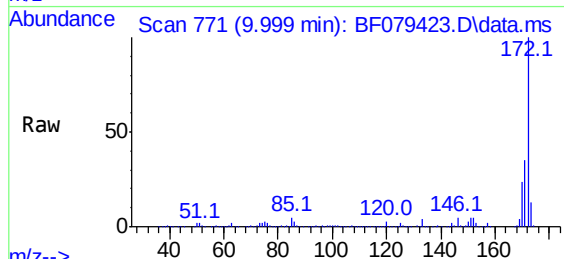




#44
2-Fluorobiphenyl
Concen: 98.12 ng
RT: 9.999 min Scan# 771
Delta R.T. -0.000 min
Lab File: BF079423.D
Acq: 22 May 2015 3:21 am

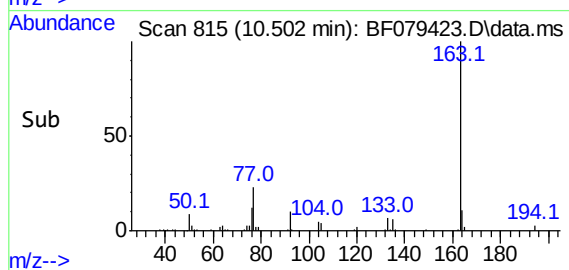
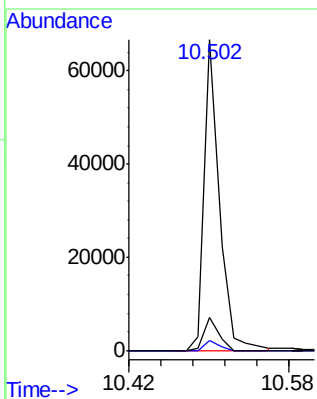
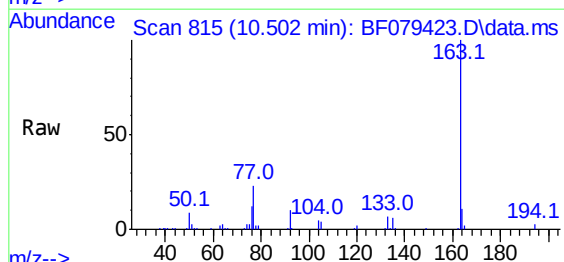
Instrument :
BNA_F
ClientSampleId :
SB-31S

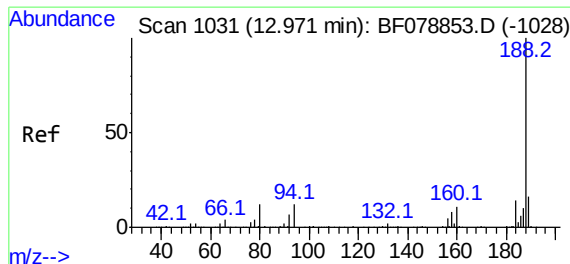
Tgt Ion:172 Resp: 879116
Ion Ratio Lower Upper
172 100
171 35.2 28.3 42.5
170 24.3 19.4 29.2



#49
Dimethylphthalate
Concen: 7.30 ng
RT: 10.502 min Scan# 815
Delta R.T. -0.000 min
Lab File: BF079423.D
Acq: 22 May 2015 3:21 am

Tgt Ion:163 Resp: 66890
Ion Ratio Lower Upper
163 100
194 3.1 2.4 3.6
164 10.5 8.6 12.8

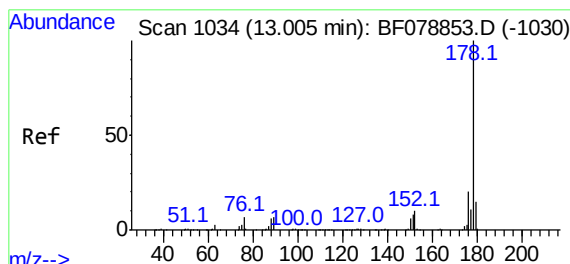
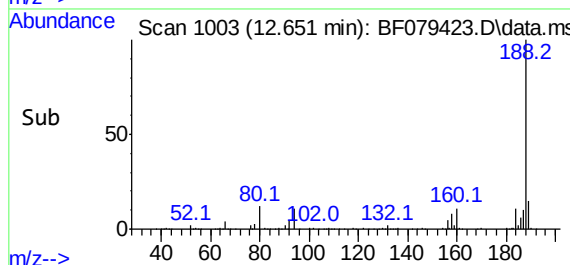
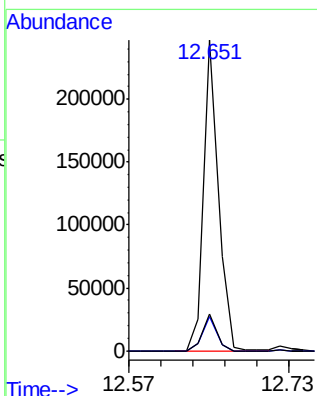
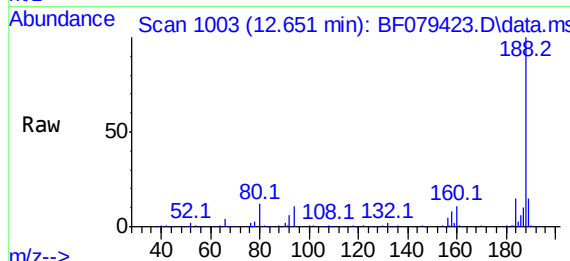




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.651 min Scan# 1003
Delta R.T. -0.000 min
Lab File: BF079423.D
Acq: 22 May 2015 3:21 am

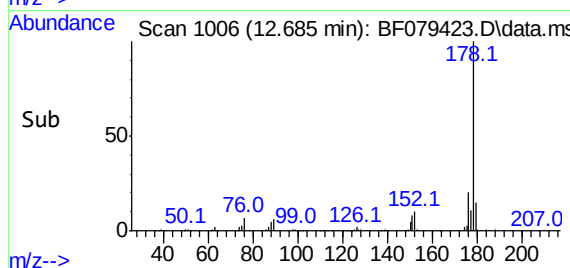
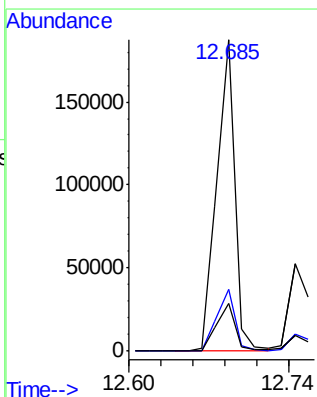
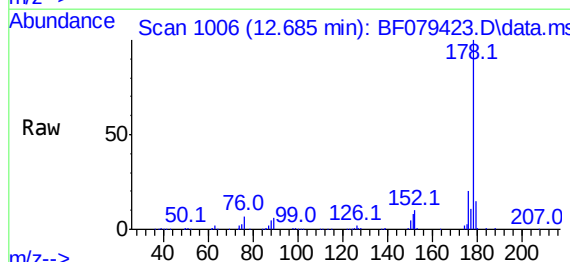
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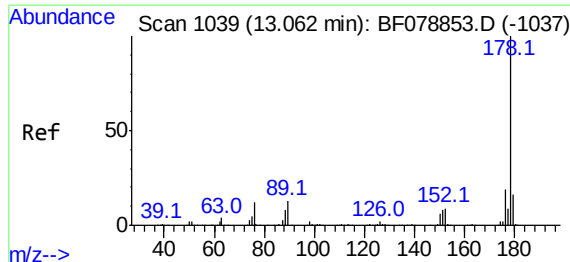
Tgt Ion:188 Resp: 242473
Ion Ratio Lower Upper
188 100
94 11.1 9.4 14.0
80 11.7 9.8 14.6



#70
Phenanthrene
Concen: 14.77 ng
RT: 12.685 min Scan# 1006
Delta R.T. -0.000 min
Lab File: BF079423.D
Acq: 22 May 2015 3:21 am

Tgt Ion:178 Resp: 200329
Ion Ratio Lower Upper
178 100
176 19.6 15.9 23.9
179 15.1 12.2 18.4

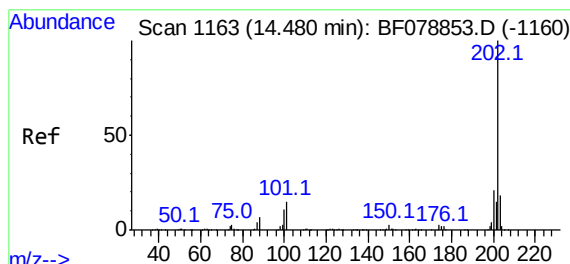
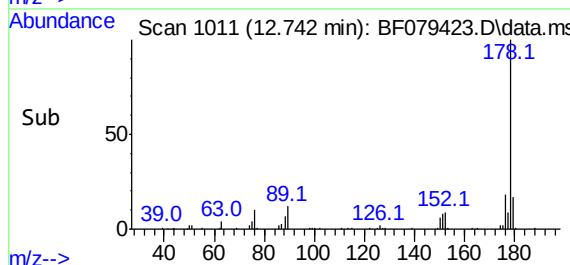
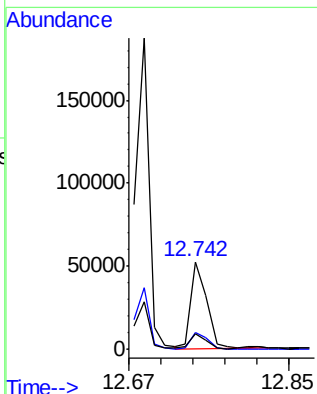
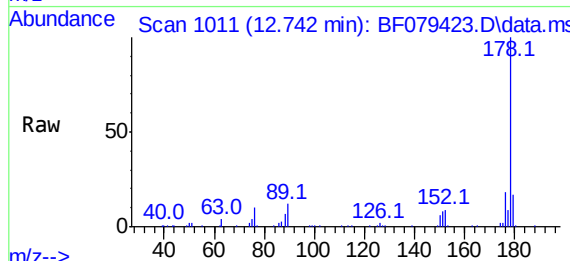




#71
 Anthracene
 Concen: 4.75 ng
 RT: 12.742 min Scan# 1011
 Delta R.T. -0.000 min
 Lab File: BF079423.D
 Acq: 22 May 2015 3:21 am

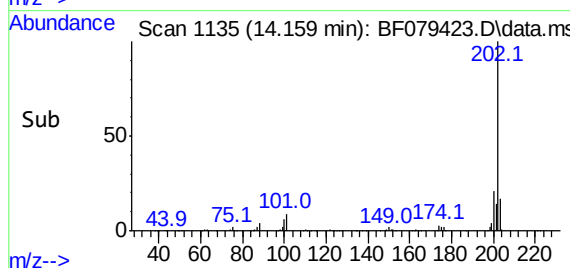
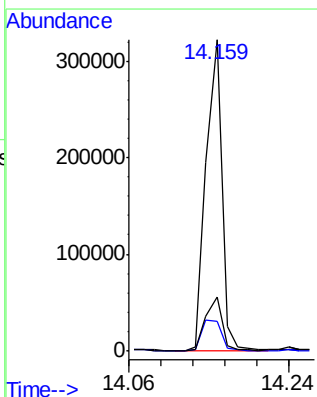
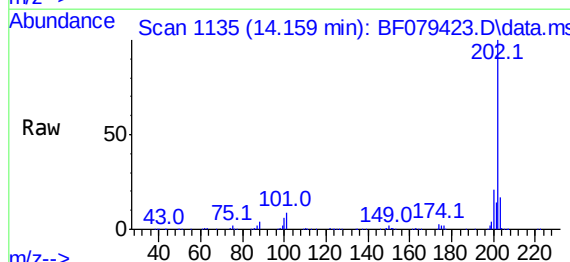
Instrument :
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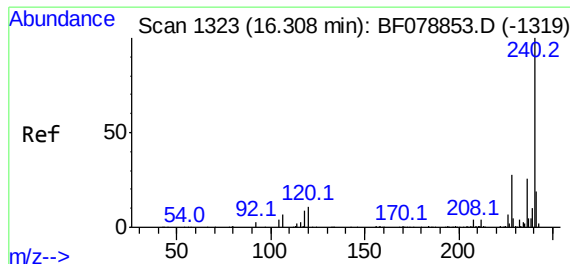
Tgt Ion:178 Resp: 63237
 Ion Ratio Lower Upper
 178 100
 176 18.4 15.3 22.9
 179 16.8 12.6 19.0



#74
 Fluoranthene
 Concen: 26.82 ng
 RT: 14.159 min Scan# 1135
 Delta R.T. -0.000 min
 Lab File: BF079423.D
 Acq: 22 May 2015 3:21 am

Tgt Ion:202 Resp: 379123
 Ion Ratio Lower Upper
 202 100
 101 9.2 0.0 34.7
 203 17.4 0.0 37.9

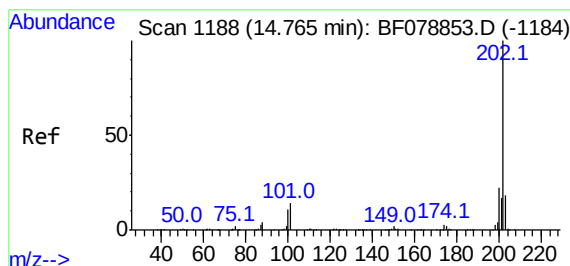
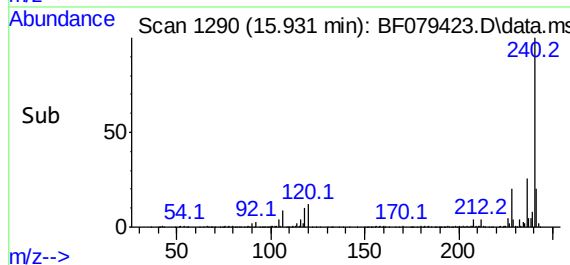
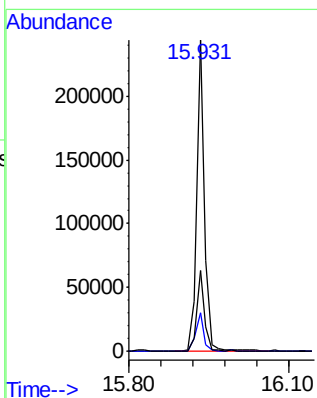
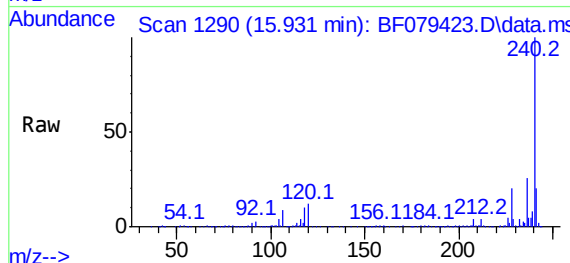




#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.931 min Scan# 1290
Delta R.T. -0.000 min
Lab File: BF079423.D
Acq: 22 May 2015 3:21 am

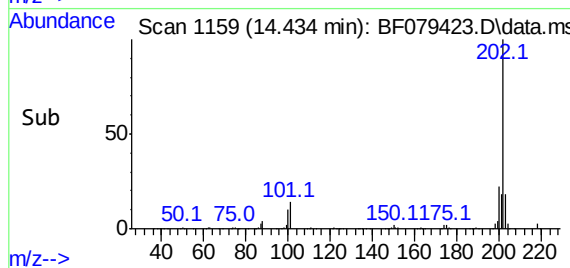
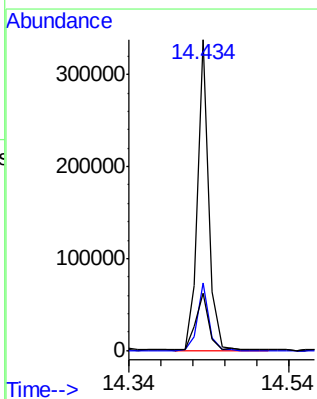
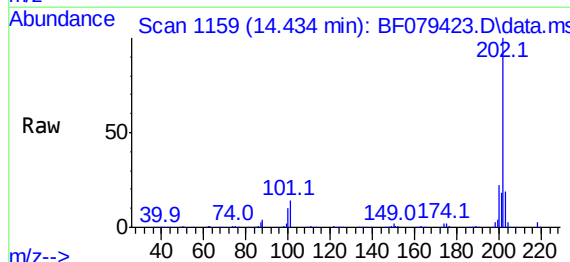
Instrument :
BNA_F
ClientSampleId :
SB-31S

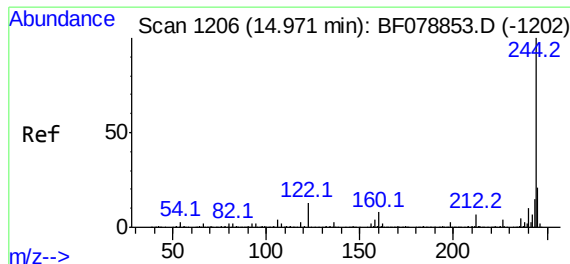
Tgt Ion:240 Resp: 249816
Ion Ratio Lower Upper
240 100
120 12.2 8.6 12.8
236 26.0 21.0 31.6



#77
Pyrene
Concen: 22.87 ng
RT: 14.434 min Scan# 1159
Delta R.T. -0.000 min
Lab File: BF079423.D
Acq: 22 May 2015 3:21 am

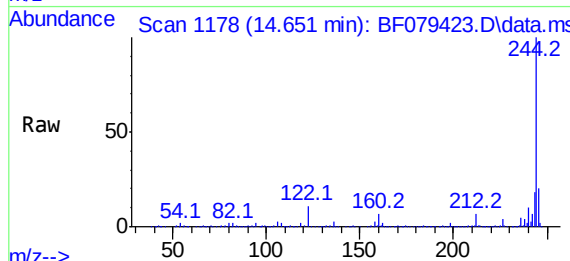
Tgt Ion:202 Resp: 329198
Ion Ratio Lower Upper
202 100
200 21.8 17.5 26.3
203 18.6 14.7 22.1



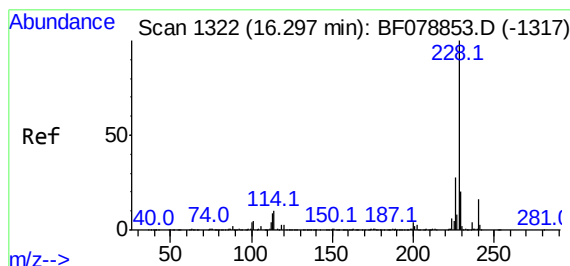
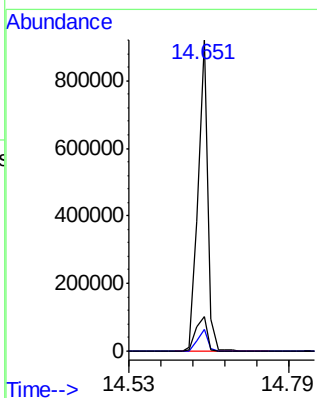
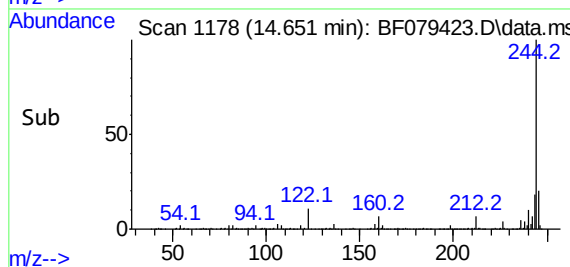


#78
Terphenyl-d14
Concen: 93.05 ng
RT: 14.651 min Scan# 1178
Delta R.T. -0.000 min
Lab File: BF079423.D
Acq: 22 May 2015 3:21 am

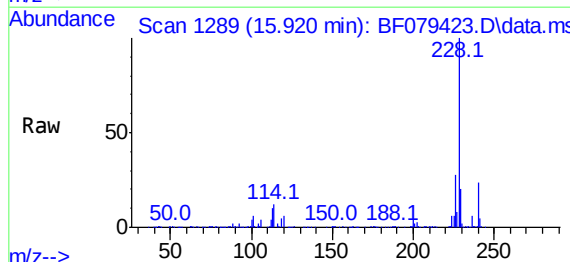
Instrument :
BNA_F
ClientSampleId :
SB-31S



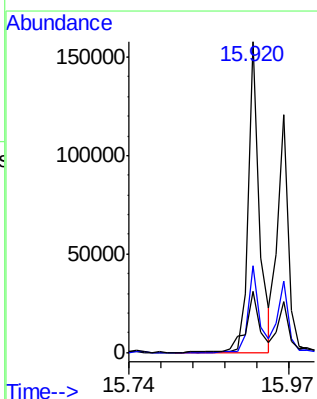
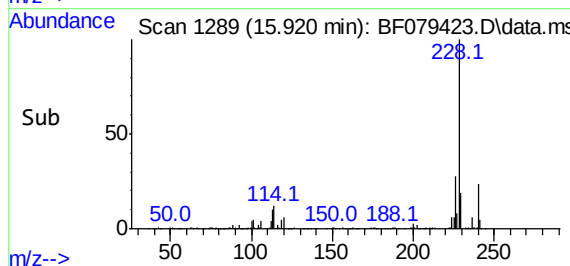
Tgt Ion:244 Resp: 970875
Ion Ratio Lower Upper
244 100
212 6.9 5.6 8.4
122 11.0 10.5 15.7

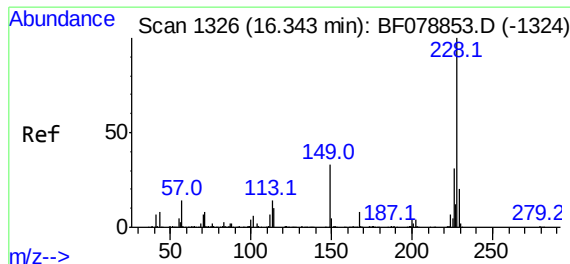


#80
Benzo(a)anthracene
Concen: 13.14 ng
RT: 15.920 min Scan# 1289
Delta R.T. -0.000 min
Lab File: BF079423.D
Acq: 22 May 2015 3:21 am



Tgt Ion:228 Resp: 179773
Ion Ratio Lower Upper
228 100
226 28.1 22.3 33.5
229 19.6 16.1 24.1

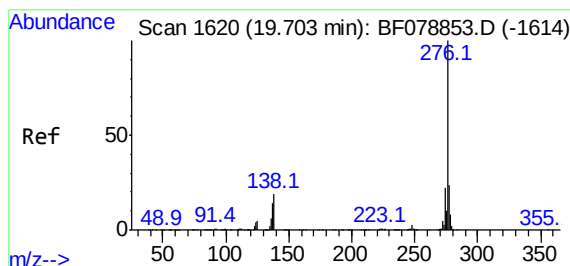
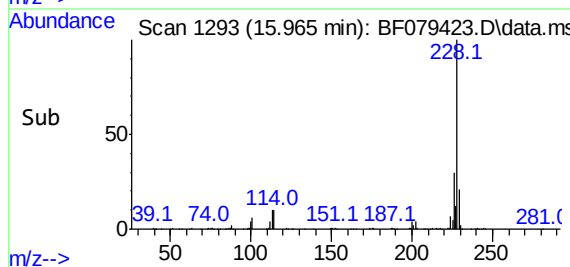
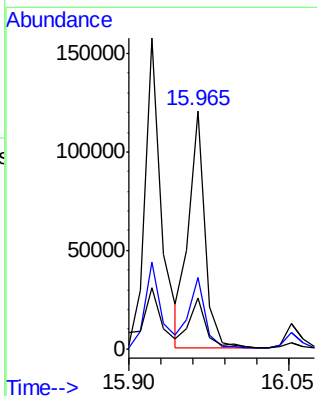
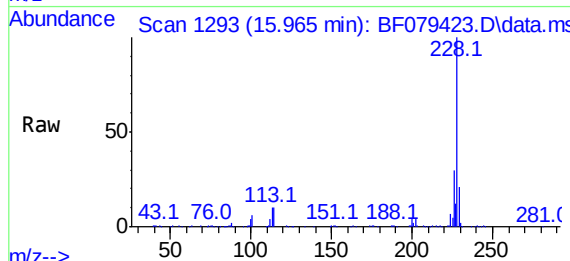




#82
Chrysene
Concen: 10.19 ng
RT: 15.965 min Scan# 1293
Delta R.T. -0.000 min
Lab File: BF079423.D
Acq: 22 May 2015 3:21 am

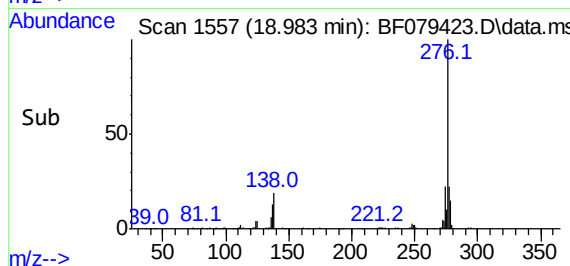
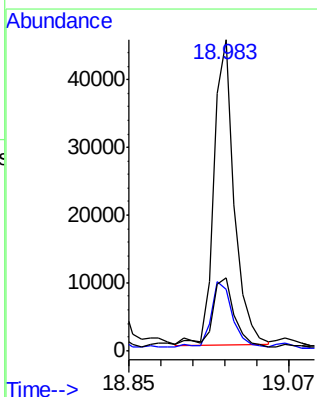
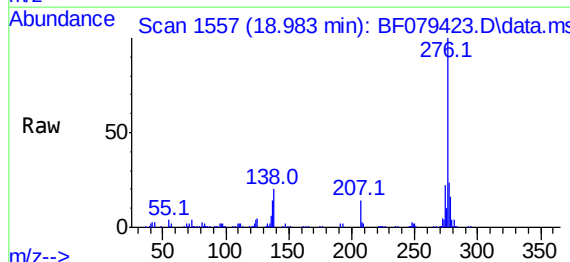
Instrument :
BNA_F
ClientSampled :
SB-31S

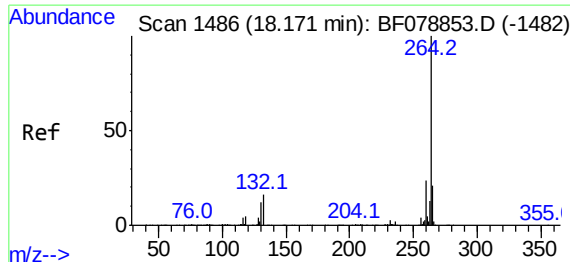
Tgt Ion:228 Resp: 134015
Ion Ratio Lower Upper
228 100
226 29.9 24.8 37.2
229 21.5 16.1 24.1



#85
Indeno(1,2,3-cd)pyrene
Concen: 5.17 ng
RT: 18.983 min Scan# 1557
Delta R.T. 0.011 min
Lab File: BF079423.D
Acq: 22 May 2015 3:21 am

Tgt Ion:276 Resp: 86589
Ion Ratio Lower Upper
276 100
138 23.6 21.1 31.7
277 28.1 19.9 29.9



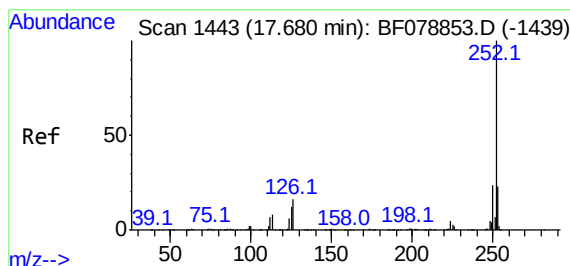
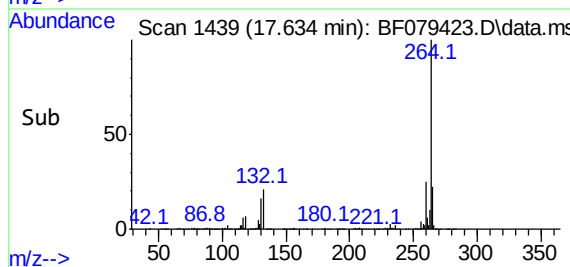
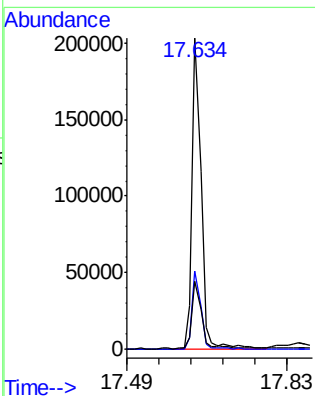
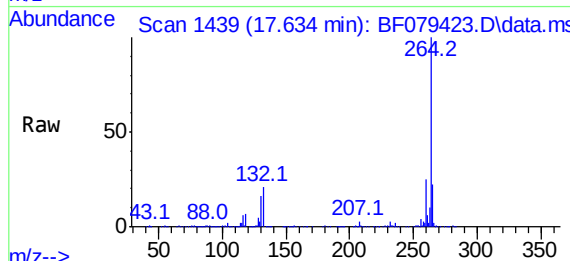


#86
Perylene-d12
Concen: 20.00 ng
RT: 17.634 min Scan# 1439
Delta R.T. -0.000 min
Lab File: BF079423.D
Acq: 22 May 2015 3:21 am

Instrument :
BNA_F
ClientSampleId :
SB-31S

Tgt Ion:264 Resp: 257854

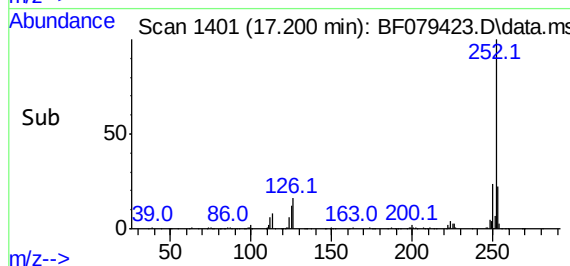
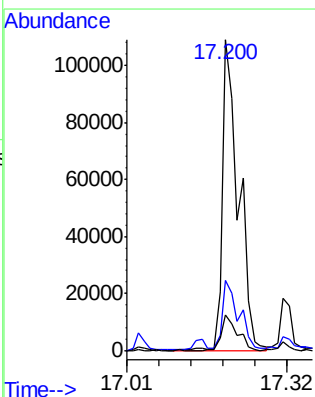
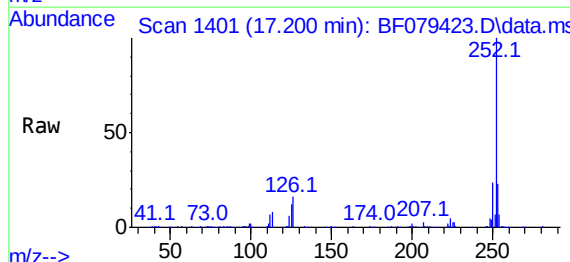
Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.2	28.8
265	21.8	17.2	25.8

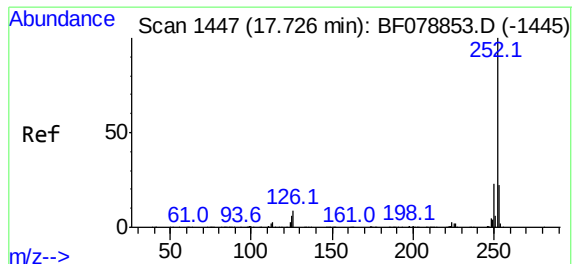


#87
Benzo(b)fluoranthene
Concen: 17.07 ng
RT: 17.200 min Scan# 1401
Delta R.T. -0.000 min
Lab File: BF079423.D
Acq: 22 May 2015 3:21 am

Tgt Ion:252 Resp: 240902

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.1	27.1
125	11.6	9.4	14.2

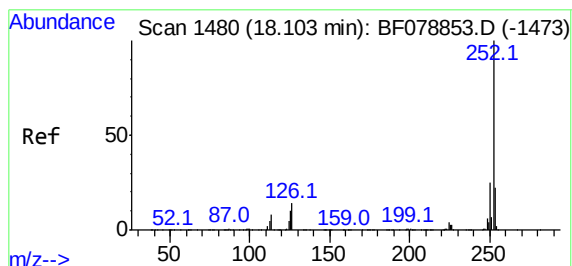
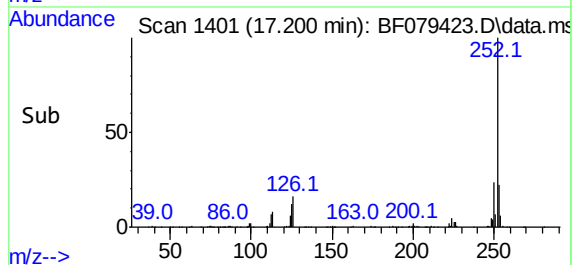
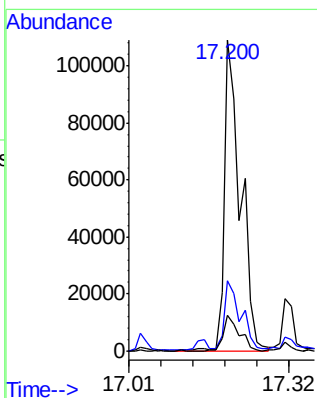
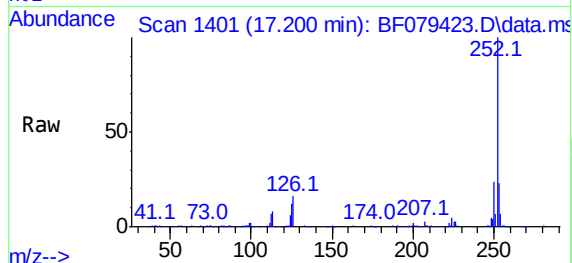




#88
Benzo(k)fluoranthene
Concen: 17.63 ng
RT: 17.200 min Scan# 1401
Delta R.T. -0.034 min
Lab File: BF079423.D
Acq: 22 May 2015 3:21 am

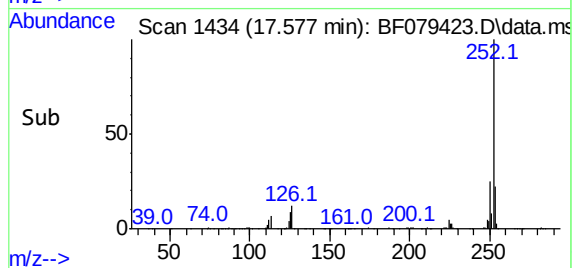
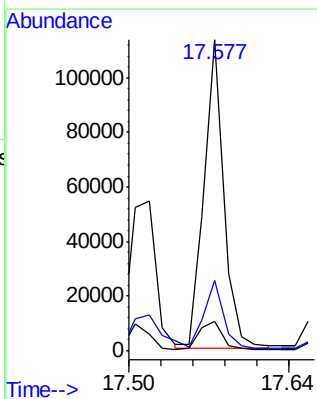
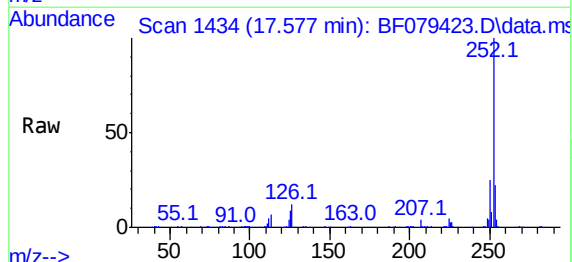
Instrument :
BNA_F
ClientSampleId :
SB-31S

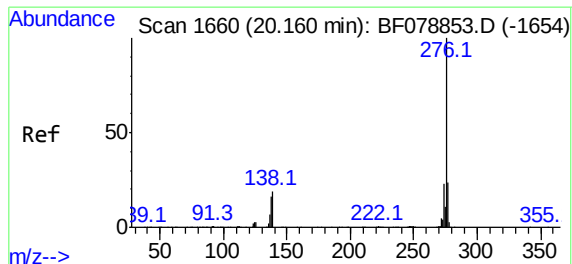
Tgt Ion:252 Resp: 240902
Ion Ratio Lower Upper
252 100
253 22.8 17.4 26.0
125 11.6 6.1 9.1#



#89
Benzo(a)pyrene
Concen: 10.42 ng
RT: 17.577 min Scan# 1434
Delta R.T. -0.000 min
Lab File: BF079423.D
Acq: 22 May 2015 3:21 am

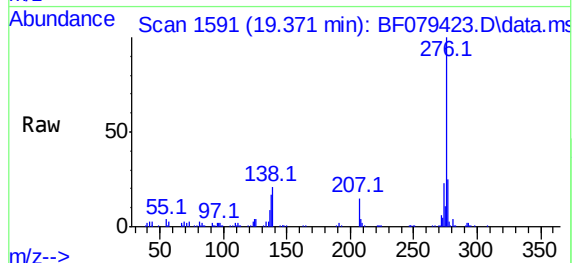
Tgt Ion:252 Resp: 135458
Ion Ratio Lower Upper
252 100
253 22.4 18.0 27.0
125 9.3 8.2 12.2





#91
 Benzo(g,h,i)perylene
 Concen: 6.35 ng
 RT: 19.371 min Scan# 1591
 Delta R.T. -0.000 min
 Lab File: BF079423.D
 Acq: 22 May 2015 3:21 am

Instrument :
 BNA_F
 ClientSampleId :
 SB-31S



Tgt Ion: 276 Resp: 87892

Ion	Ratio	Lower	Upper
276	100		
277	25.3	18.8	28.2
138	21.3	15.2	22.8

