

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

Instrument :
 BNA_F
 ClientSampleId :
 SB-31S

Manual Integrations
 APPROVED

apatel
 5/22/2015 4:31:50 PM

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	586868m	157.69	ng	0.00
7) Phenol-d6	6.650	99	818294m	166.34	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
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	180854m	12.81	ng	
88) Benzo(k)fluoranthene	17.234	252	57584m	4.21	ng	
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

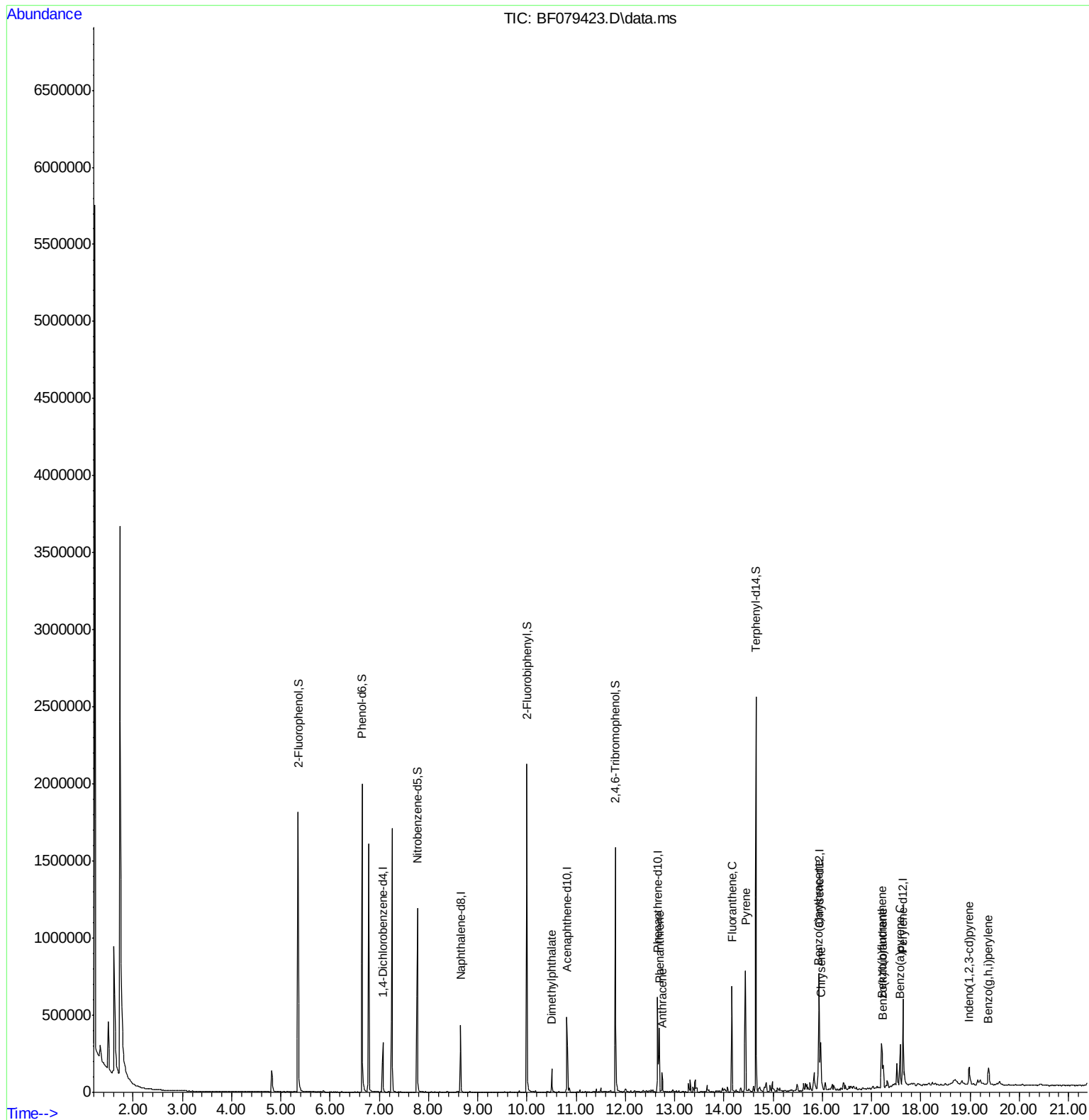
Data Path : Z:\HPCHEM1\BNA_F\Data\BF052115\
Data File : BF079423.D
Acq On : 22 May 2015 3:21
Operator : TP/IZ
Sample : G2289-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

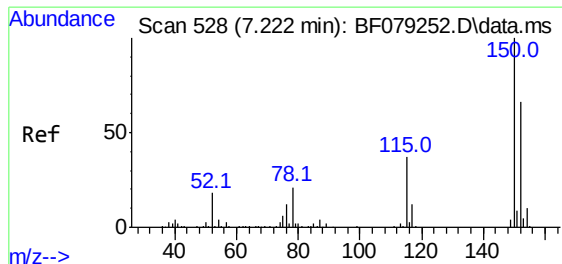
Instrument :
BNA_F
ClientSampleId :
SB-31S

Manual Integrations
APPROVED

apatel
5/22/2015 4:31:50 PM

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

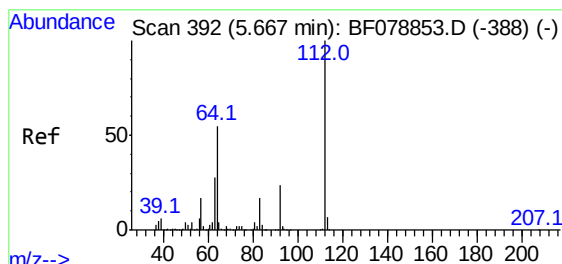
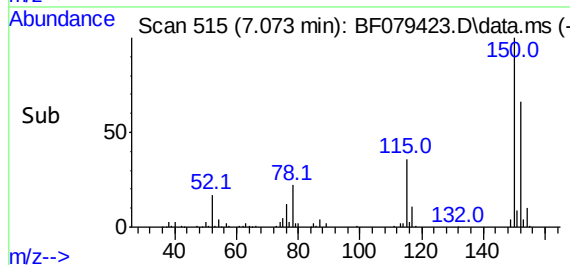
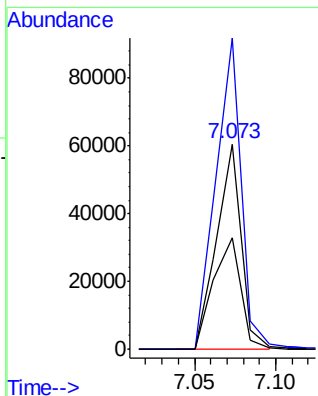
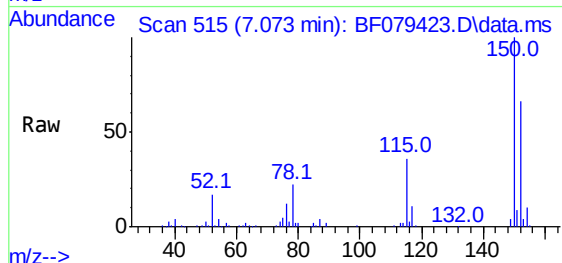




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.073 min Scan# 515
Delta R.T. 0.000 min
Lab File: BF079423.D
Acq: 22 May 2015 3:21

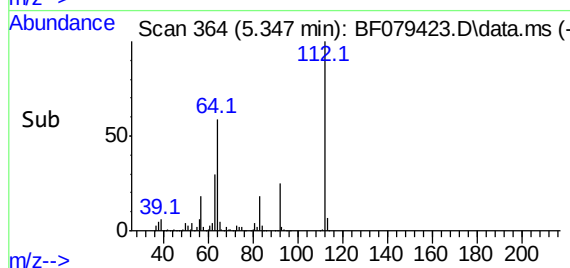
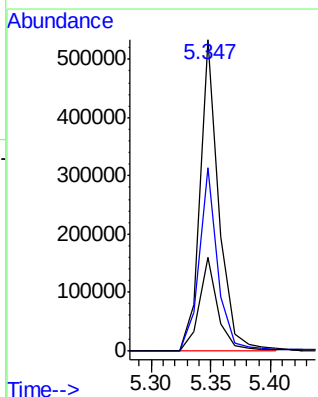
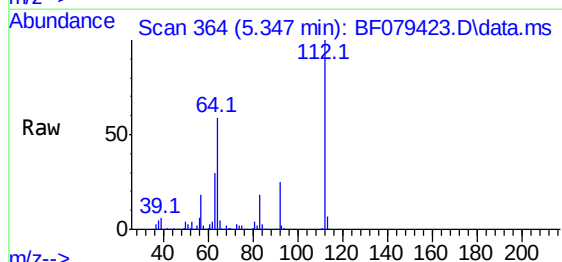
Instrument :
BNA_F
ClientSampled :
SB-31S

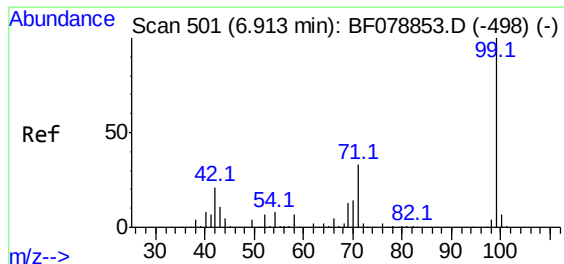
Tgt Ion:152 Resp: 64065
Ion Ratio Lower Upper
152 100
150 151.6 123.8 185.8
115 54.4 49.4 74.0



#5
2-Fluorophenol
Concen: 157.69 ng m
RT: 5.347 min Scan# 364
Delta R.T. -0.000 min
Lab File: BF079423.D
Acq: 22 May 2015 3:21

Tgt Ion:112 Resp: 586868
Ion Ratio Lower Upper
112 100
64 58.7 44.2 66.2
63 30.1 22.7 34.1

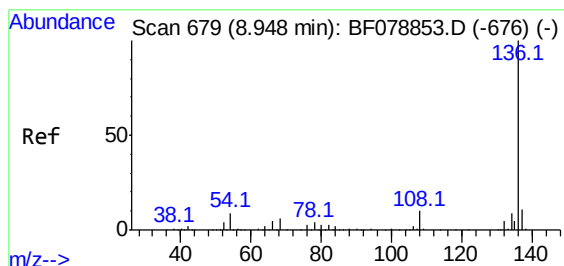
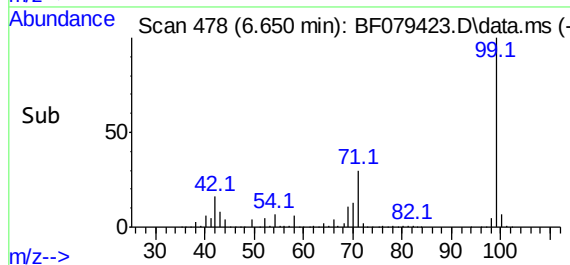
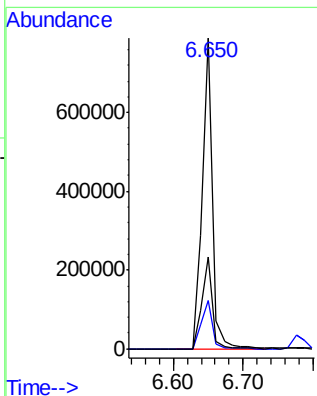
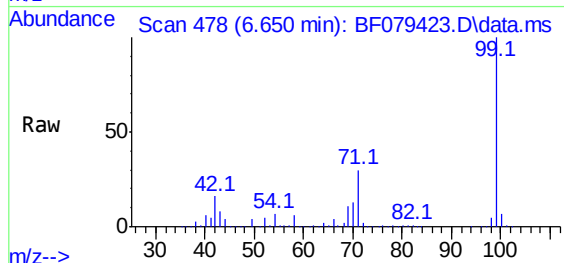




#7
Phenol-d6
Concen: 166.34 ng m
RT: 6.650 min Scan# 478
Delta R.T. 0.011 min
Lab File: BF079423.D
Acq: 22 May 2015 3:21

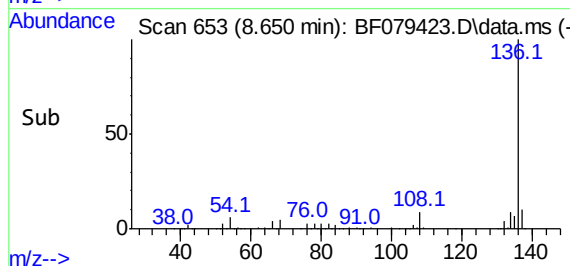
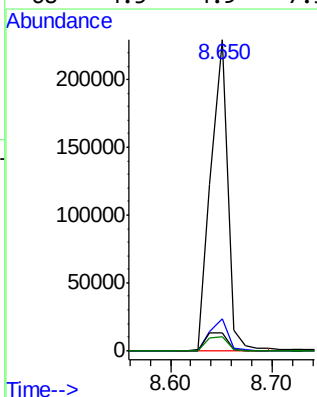
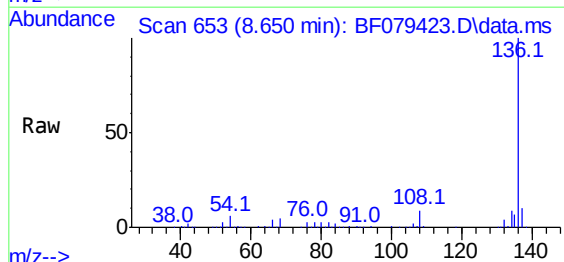
Instrument :
BNA_F
ClientSampleId :
SB-31S

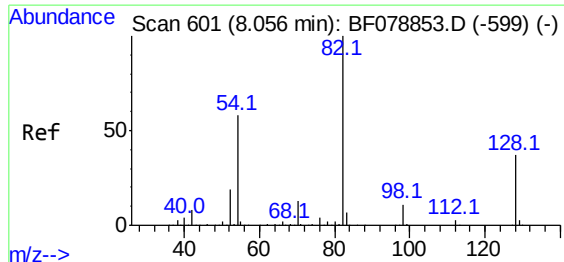
Tgt Ion: 99 Resp: 818294
Ion Ratio Lower Upper
99 100
42 15.5 17.1 25.7#
71 29.6 26.3 39.5



#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

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#





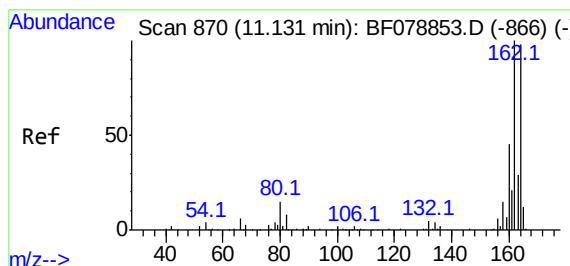
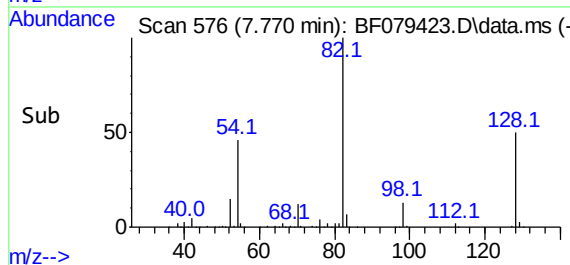
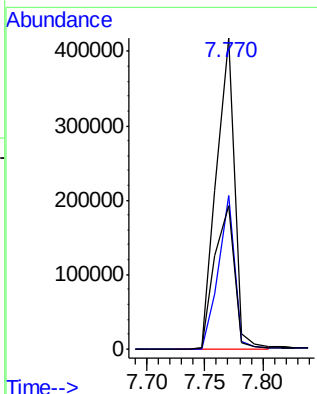
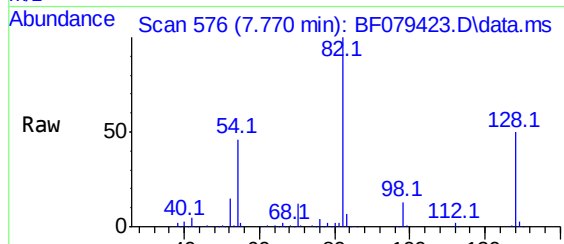
#23
Nitrobenzene-d5
Concen: 101.51 ng
RT: 7.770 min Scan# 576
Delta R.T. -0.000 min
Lab File: BF079423.D
Acq: 22 May 2015 3:21

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#

Instrument :
BNA_F
ClientSampled :
SB-31S

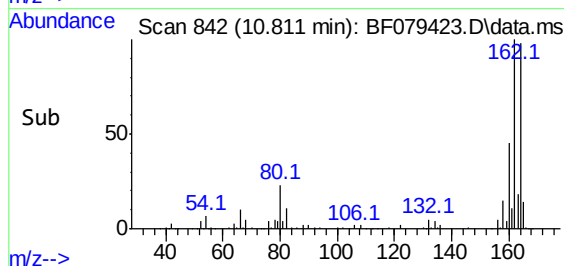
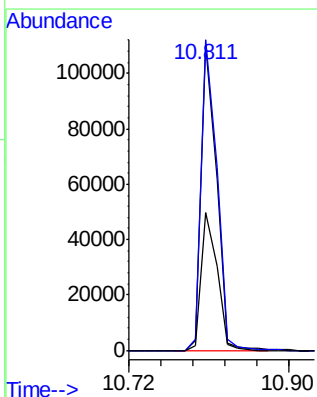
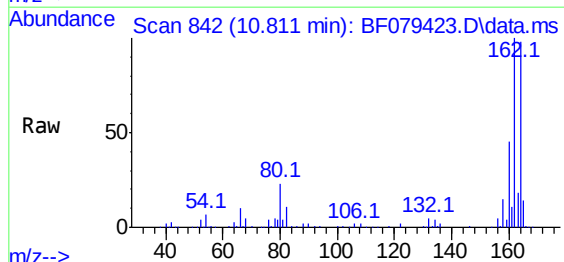
Manual Integrations
APPROVED

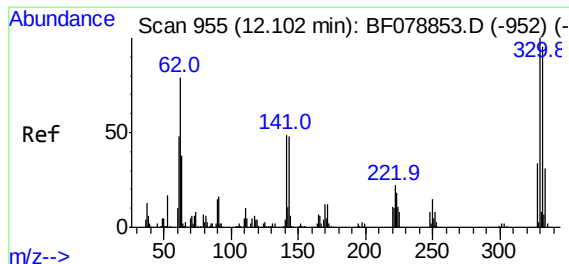
apatel
5/22/2015 4:31:50 PM



#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

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





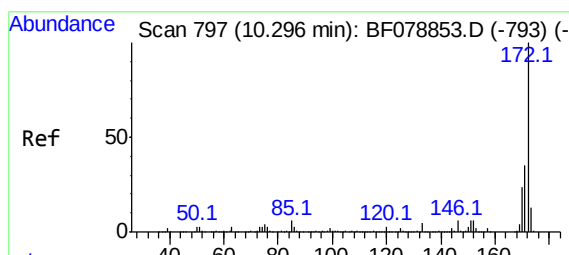
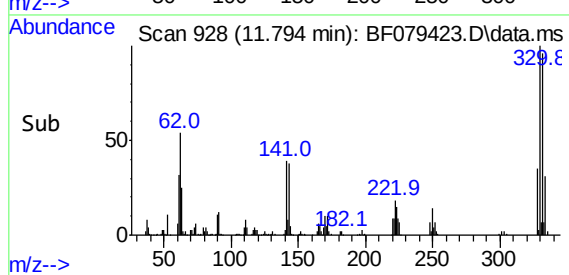
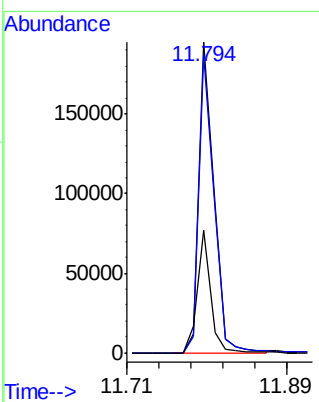
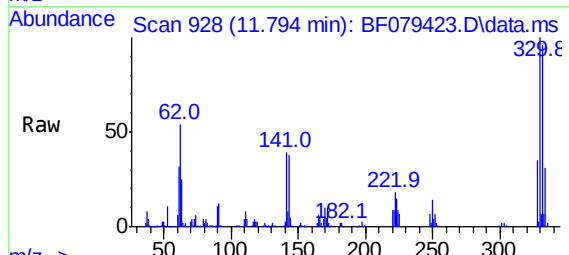
#41
 2,4,6-Tribromophenol
 Concen: 161.01 ng
 RT: 11.794 min Scan# 928
 Delta R.T. -0.000 min
 Lab File: BF079423.D
 Acq: 22 May 2015 3:21

Instrument :
 BNA_F
 ClientSampled :
 SB-31S

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

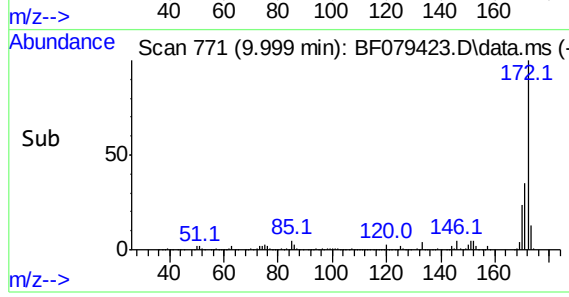
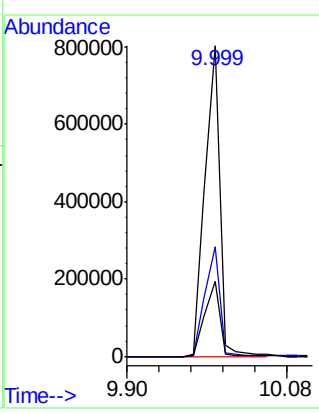
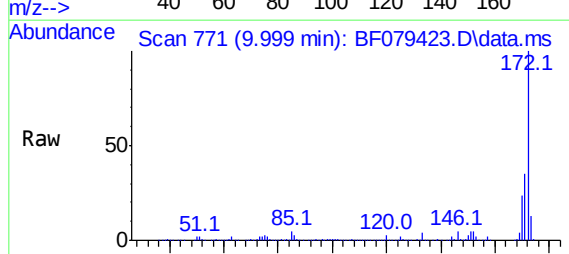
Manual Integrations
 APPROVED
 apatel
 5/22/2015 4:31:50 PM

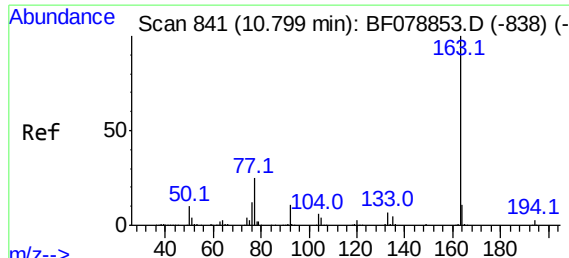


#44
 2-Fluorobiphenyl
 Concen: 98.12 ng
 RT: 9.999 min Scan# 771
 Delta R.T. -0.000 min
 Lab File: BF079423.D
 Acq: 22 May 2015 3:21

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

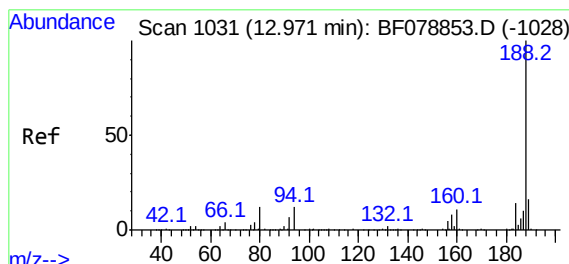
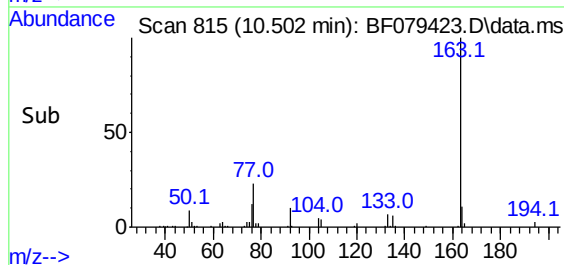
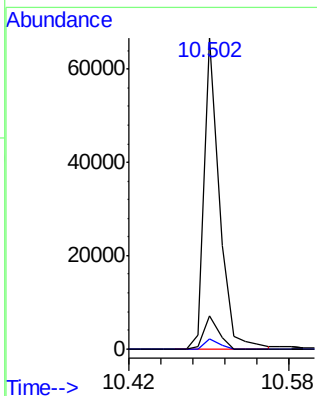
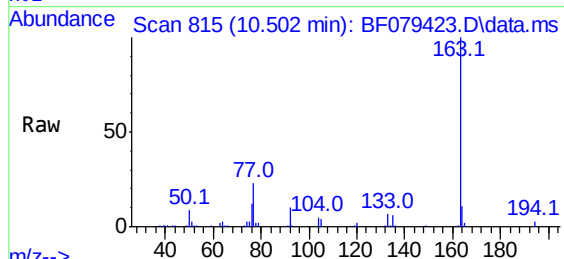




#49
Dimethylphthalate
Concen: 7.30 ng
RT: 10.502 min Scan# 815
Delta R.T. -0.000 min
Lab File: BF079423.D
Acq: 22 May 2015 3:21

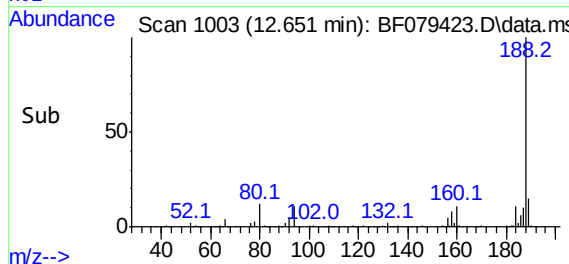
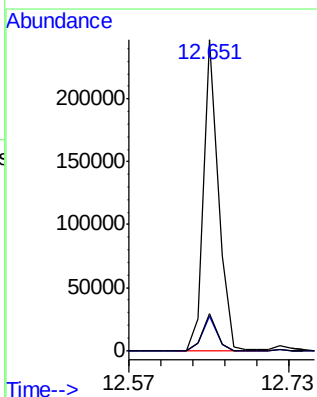
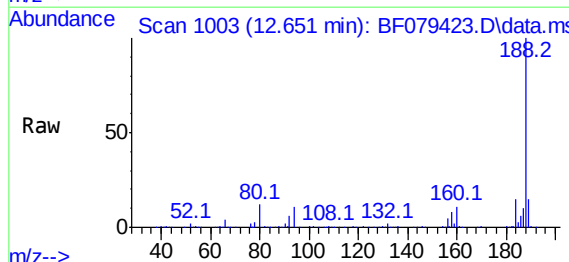
Instrument :
BNA_F
ClientSampleId :
SB-31S

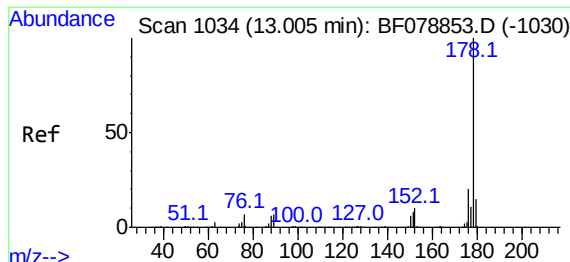
Tgt Ion:163 Resp: 66890
Ion Ratio Lower Upper
163 100
194 3.1 2.4 3.6
164 10.5 8.6 12.8



#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

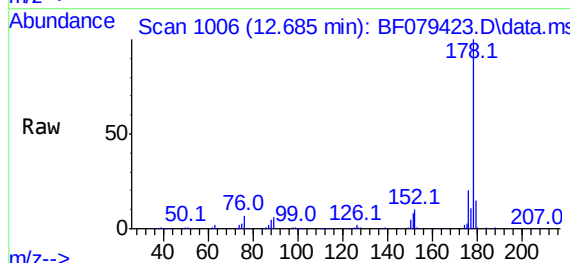
Tgt Ion:188 Resp: 242473
Ion Ratio Lower Upper
188 100
94 11.1 9.4 14.0
80 11.7 9.8 14.6





#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

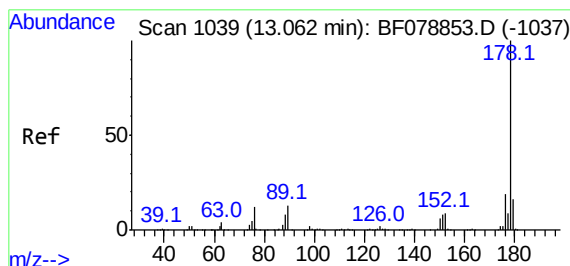
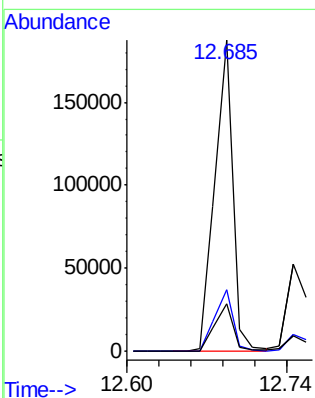
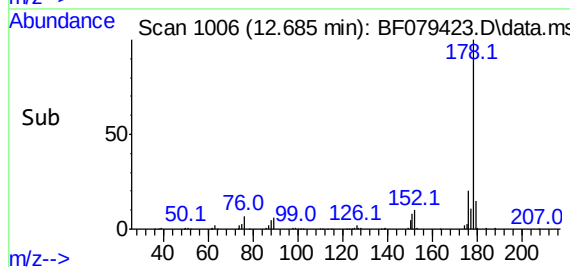
Instrument :
BNA_F
ClientSampled :
SB-31S



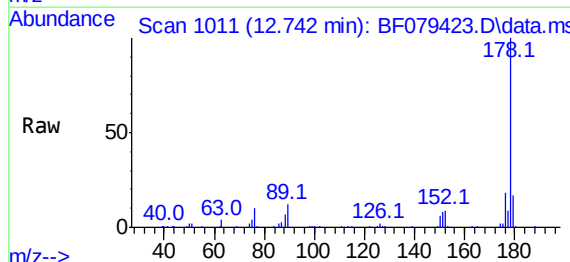
Tgt Ion:178 Resp: 200329
Ion Ratio Lower Upper
178 100
176 19.6 15.9 23.9
179 15.1 12.2 18.4

Manual Integrations
APPROVED

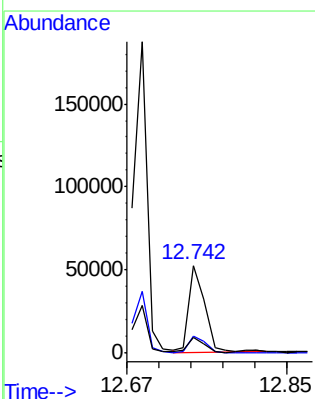
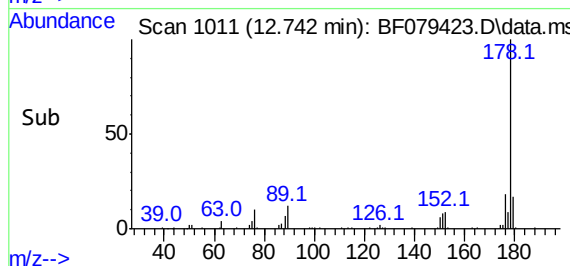
apatel
5/22/2015 4:31:50 PM

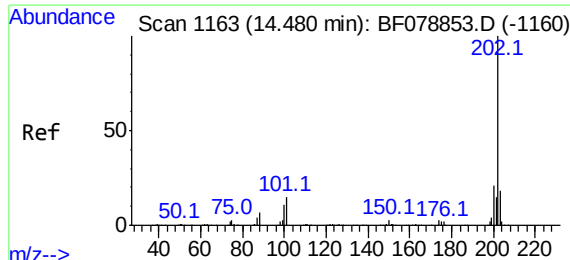


#71
Anthracene
Concen: 4.75 ng
RT: 12.742 min Scan# 1011
Delta R.T. -0.000 min
Lab File: BF079423.D
Acq: 22 May 2015 3:21



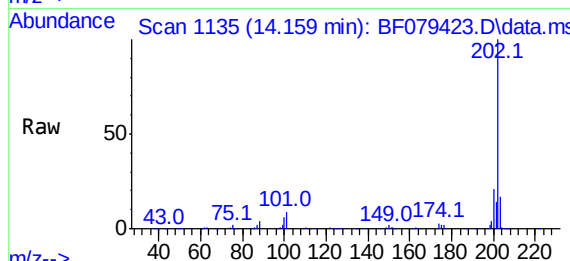
Tgt Ion:178 Resp: 63237
Ion Ratio Lower Upper
178 100
176 18.4 15.3 22.9
179 16.8 12.6 19.0





#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

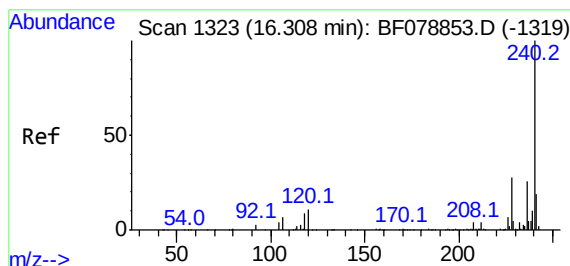
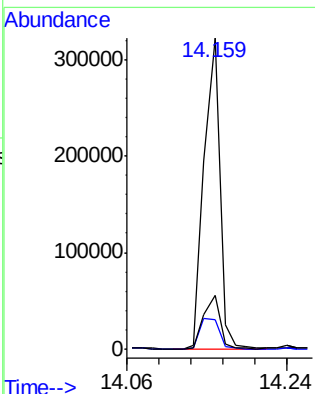
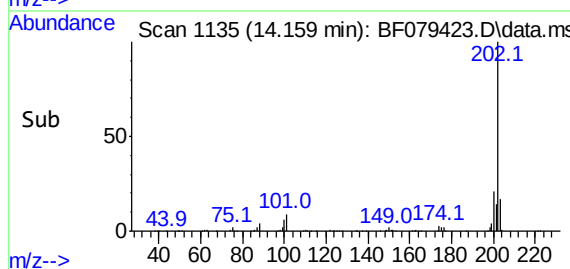
Instrument :
BNA_F
ClientSampleId :
SB-31S



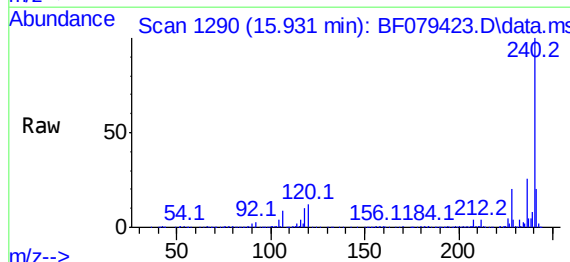
Tgt Ion:202 Resp: 379123
Ion Ratio Lower Upper
202 100
101 9.2 0.0 34.7
203 17.4 0.0 37.9

Manual Integrations
APPROVED

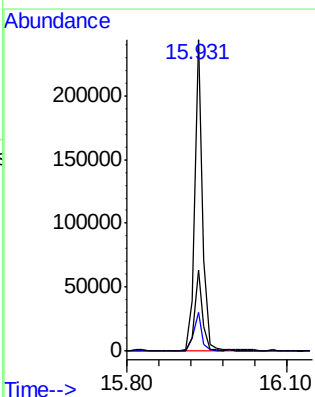
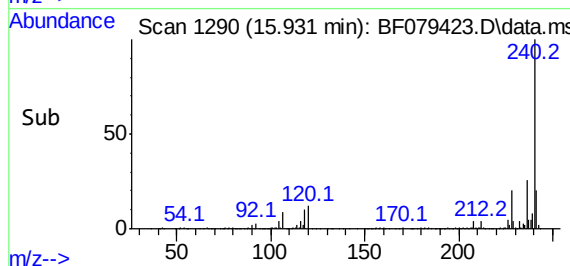
apatel
5/22/2015 4:31:50 PM

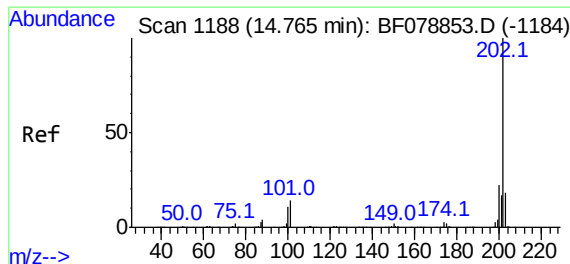


#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.931 min Scan# 1290
Delta R.T. -0.000 min
Lab File: BF079423.D
Acq: 22 May 2015 3:21



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





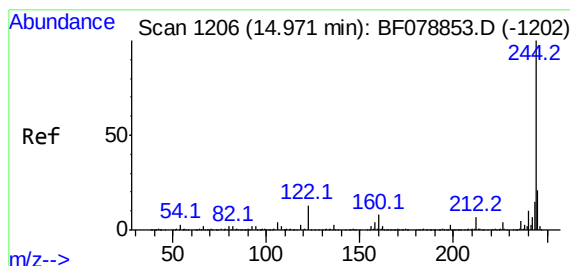
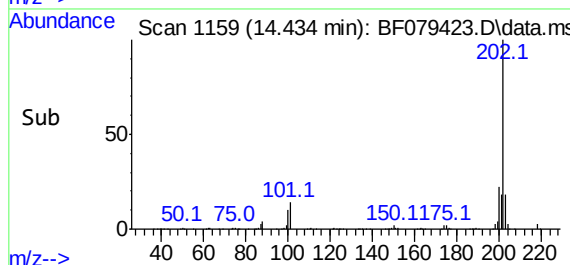
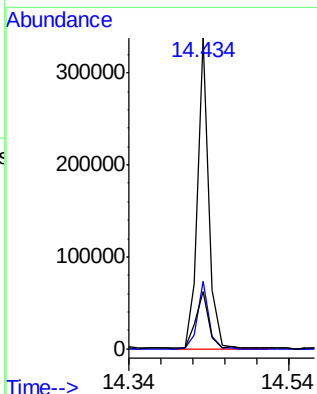
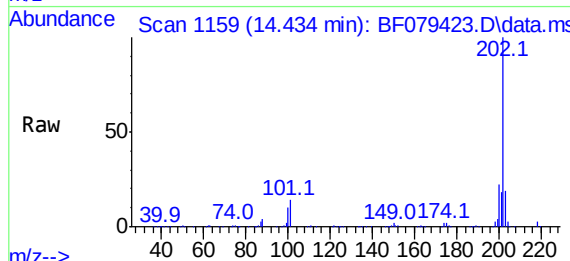
#77
Pyrene
Concen: 22.87 ng
RT: 14.434 min Scan# 1159
Delta R.T. -0.000 min
Lab File: BF079423.D
Acq: 22 May 2015 3:21

Instrument :
BNA_F
ClientSampleId :
SB-31S

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

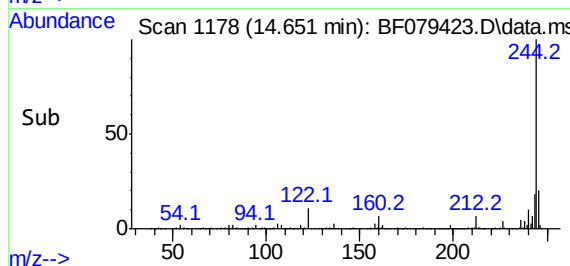
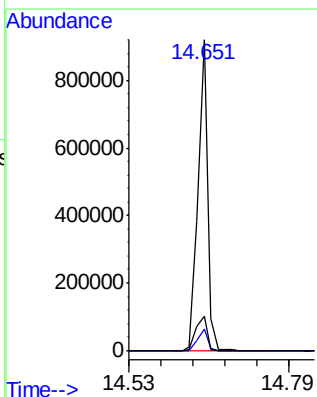
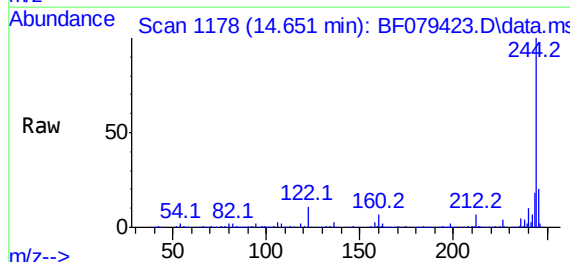
Manual Integrations
APPROVED

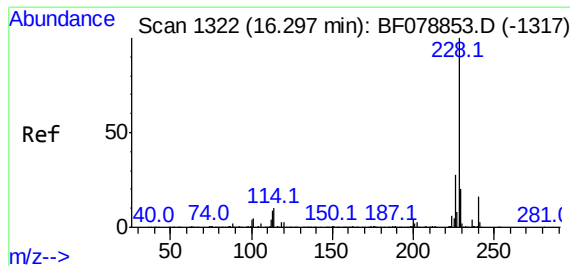
apatel
5/22/2015 4:31:50 PM



#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

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

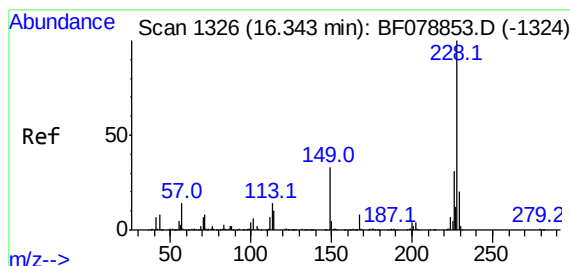
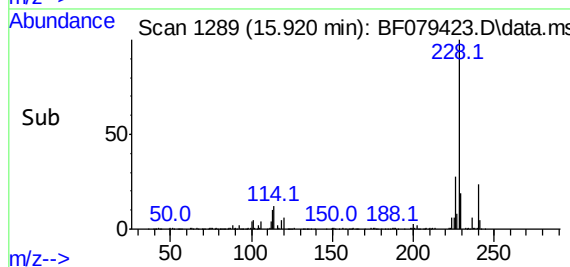
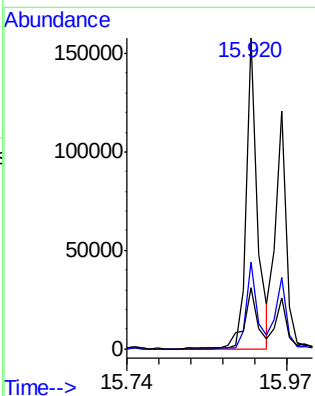
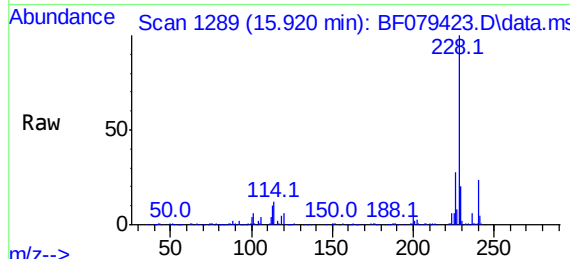




#80
Benzo(a)anthracene
Concen: 13.14 ng
RT: 15.920 min Scan# 1289
Delta R.T. -0.000 min
Lab File: BF079423.D
Acq: 22 May 2015 3:21

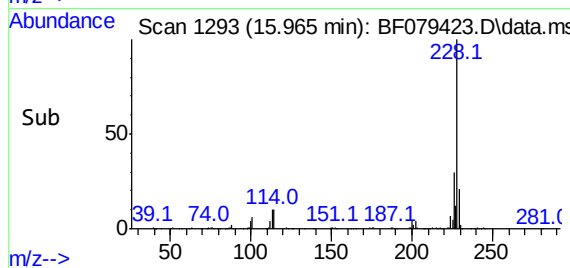
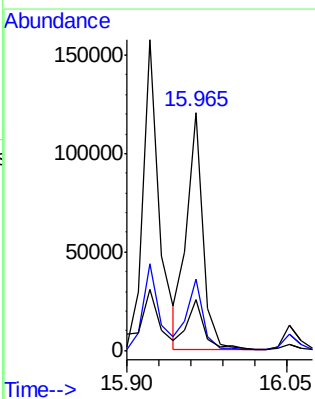
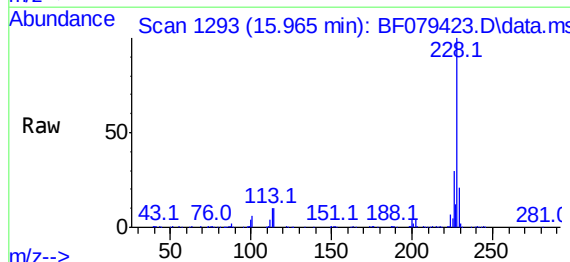
Instrument :
BNA_F
ClientSampled :
SB-31S

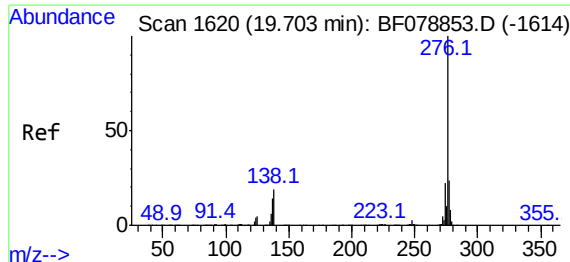
Tgt Ion:228 Resp: 179773
Ion Ratio Lower Upper
228 100
226 28.1 22.3 33.5
229 19.6 16.1 24.1



#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

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





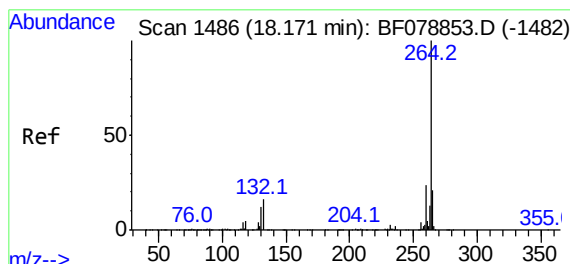
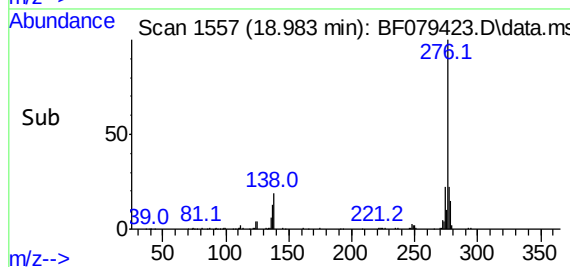
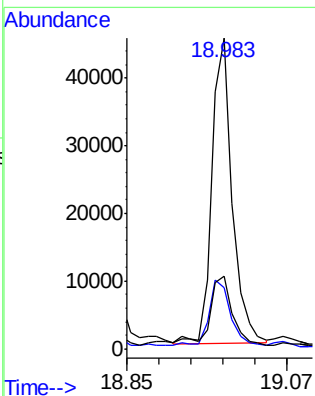
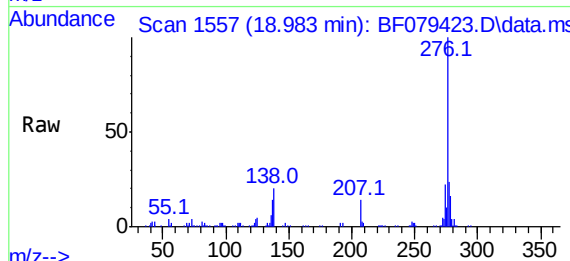
#85
Indeno(1,2,3-cd)pyrene
Concen: 5.17 ng
RT: 18.983 min Scan# 1557
Delta R.T. 0.011 min
Lab File: BF079423.D
Acq: 22 May 2015 3:21

Instrument :
BNA_F
ClientSampleId :
SB-31S

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

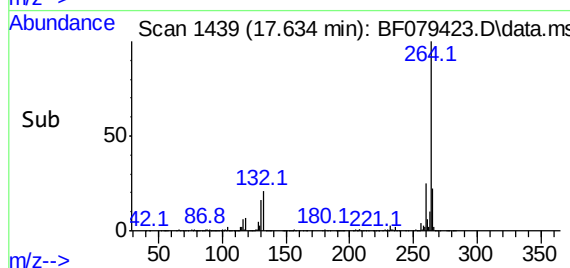
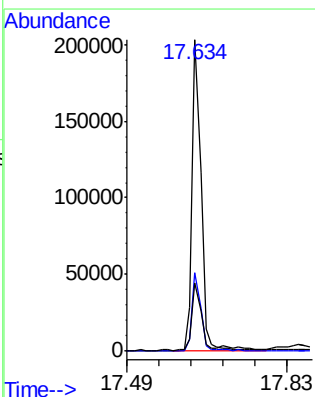
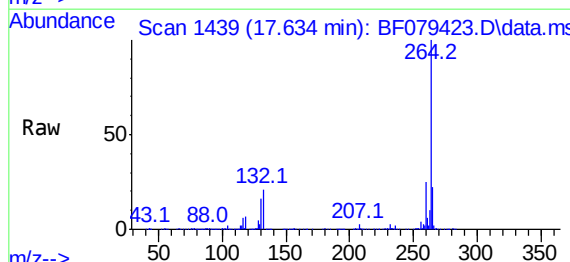
Manual Integrations
APPROVED

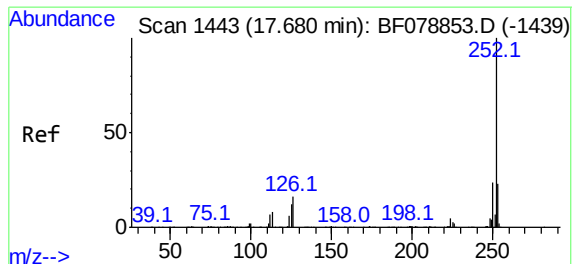
apatel
5/22/2015 4:31:50 PM



#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

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





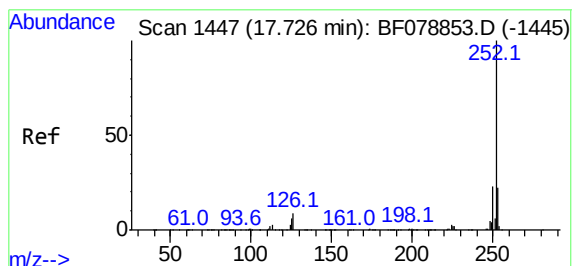
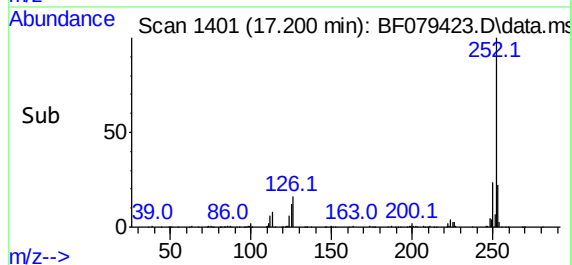
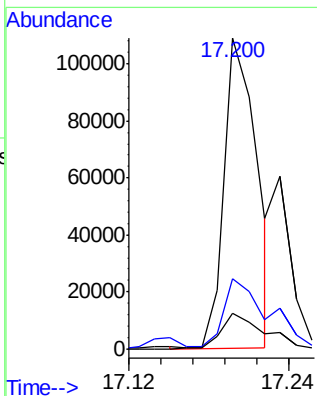
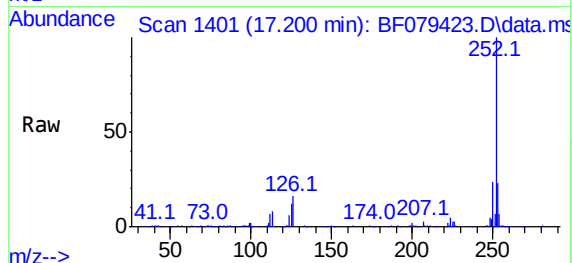
#87
Benzo(b)fluoranthene
Concen: 12.81 ng m
RT: 17.200 min Scan# 1401
Delta R.T. -0.000 min
Lab File: BF079423.D
Acq: 22 May 2015 3:21

Instrument :
BNA_F
ClientSampled :
SB-31S

Tgt Ion:252 Resp: 180854
Ion Ratio Lower Upper
252 100
253 22.8 18.1 27.1
125 11.6 9.4 14.2

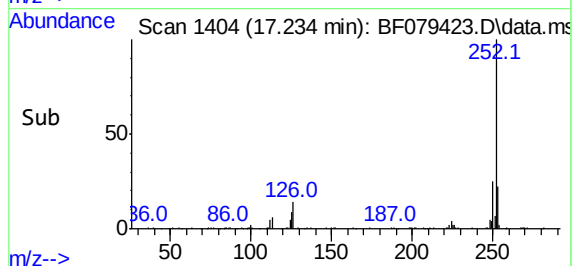
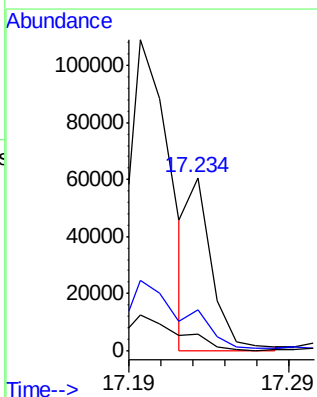
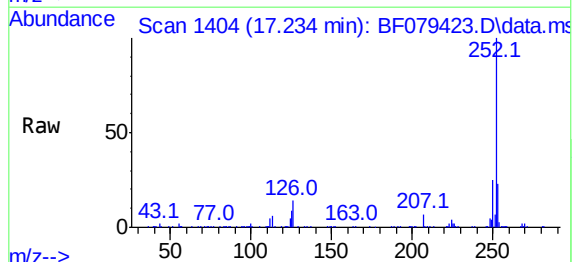
Manual Integrations
APPROVED

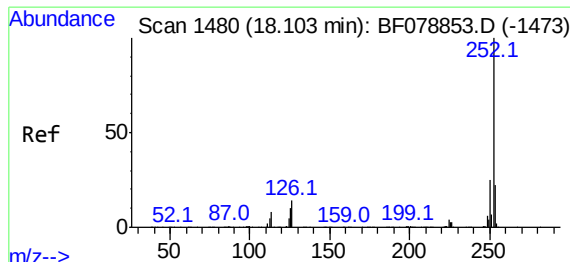
apatel
5/22/2015 4:31:50 PM



#88
Benzo(k)fluoranthene
Concen: 4.21 ng m
RT: 17.234 min Scan# 1404
Delta R.T. -0.000 min
Lab File: BF079423.D
Acq: 22 May 2015 3:21

Tgt Ion:252 Resp: 57584
Ion Ratio Lower Upper
252 100
253 23.4 17.4 26.0
125 9.1 6.1 9.1#





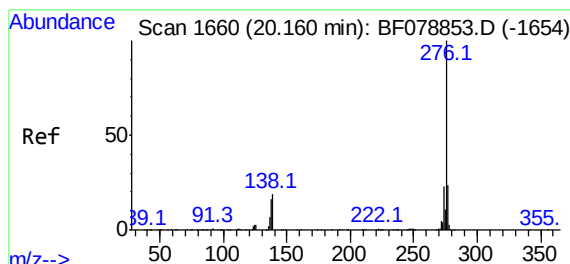
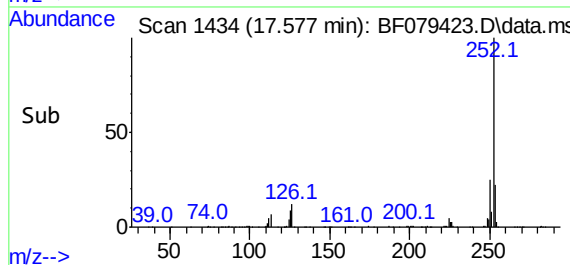
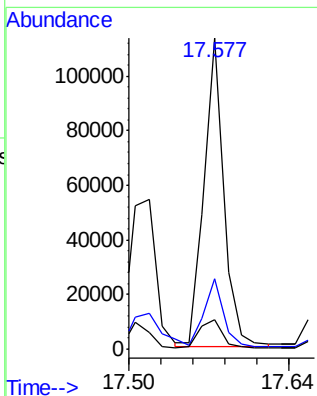
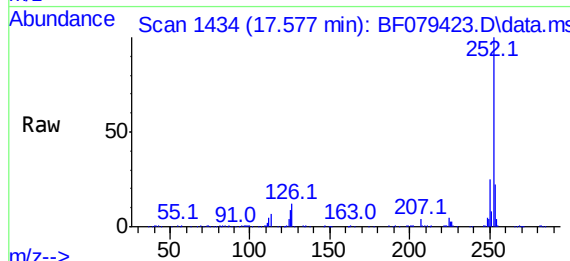
#89
Benzo(a)pyrene
Concen: 10.42 ng
RT: 17.577 min Scan# 1434
Delta R.T. -0.000 min
Lab File: BF079423.D
Acq: 22 May 2015 3:21

Instrument :
BNA_F
ClientSampled :
SB-31S

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

Manual Integrations
APPROVED

apatel
5/22/2015 4:31:50 PM



#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

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

