

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 :
 LS-SB03A(2.5-3.0)RE

Manual Integrations
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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	7.073	152	69344m	20.00	ng	-0.06
21) Naphthalene-d8	8.650	136	280941m	20.00	ng	-0.06
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	5.347	112	255550m	63.44	ng	-0.07
7) Phenol-d6	6.650	99	339177m	63.70	ng	-0.06
23) Nitrobenzene-d5	7.770	82	202034m	41.33	ng	-0.06
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
37) 2-Methylnaphthalene	9.531	142	21269	2.29	ng	# 91
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	93560m	5.78	ng	
88) Benzo(k)fluoranthene	17.291	252	37645m	2.40	ng	
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

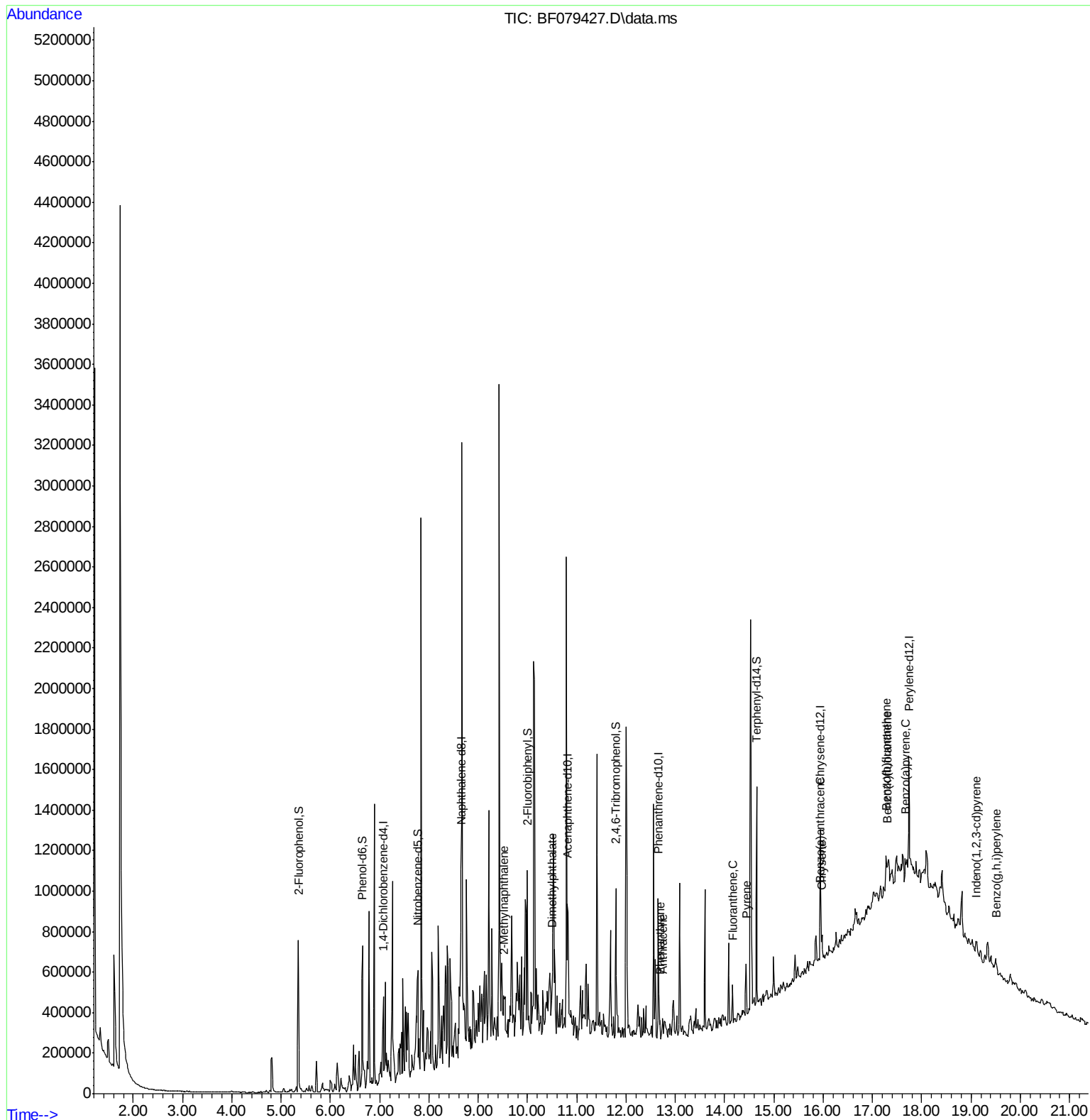
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Acq On : 22 May 2015 8:20
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ALS Vial : 24 Sample Multiplier: 1

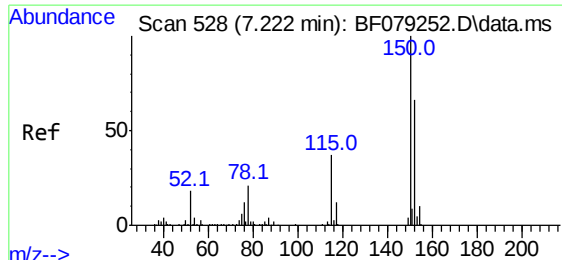
Instrument :
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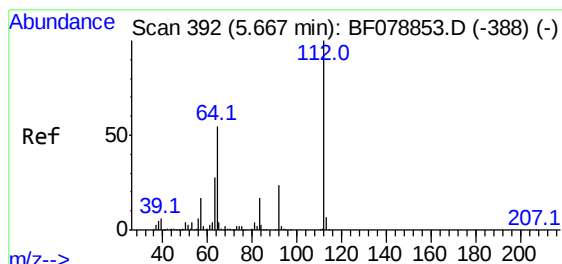
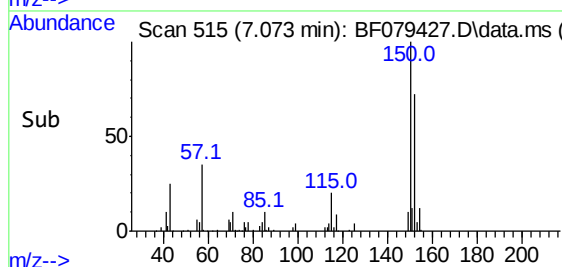
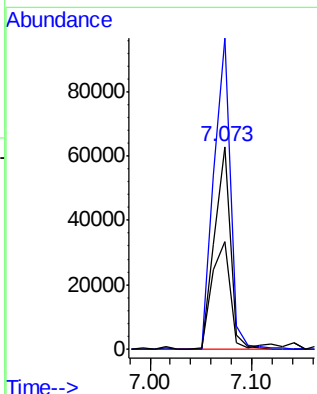
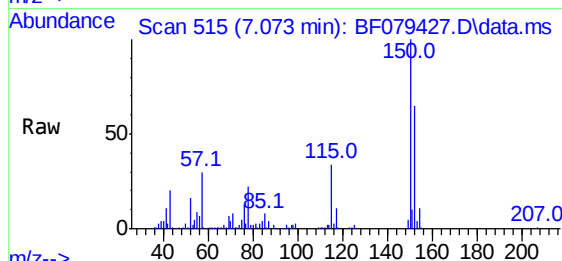
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng m
RT: 7.073 min Scan# 515
Delta R.T. -0.057 min
Lab File: BF079427.D
Acq: 22 May 2015 8:20

Instrument :
BNA_F
ClientSampleId :
LS-SB03A(2.5-3.0)RE

Tgt Ion:152 Resp: 69344
Ion Ratio Lower Upper
152 100
150 153.4 123.8 185.8
115 52.7 49.4 74.0

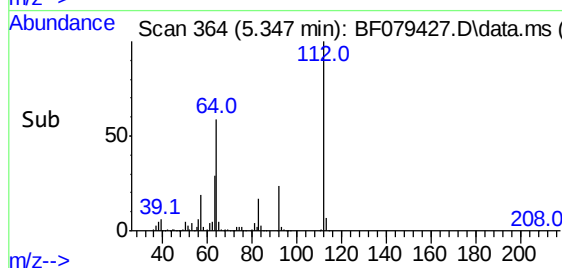
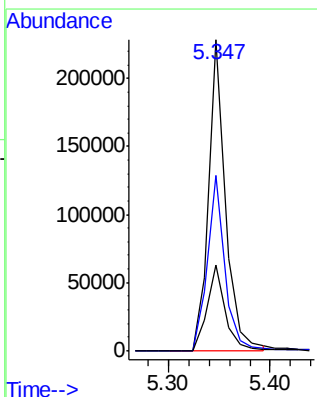
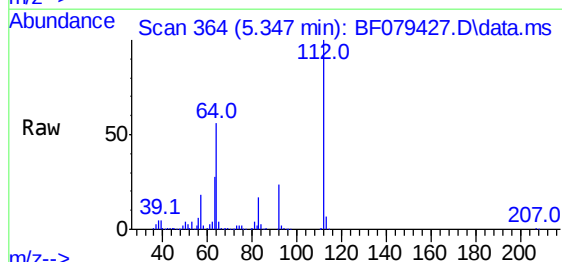
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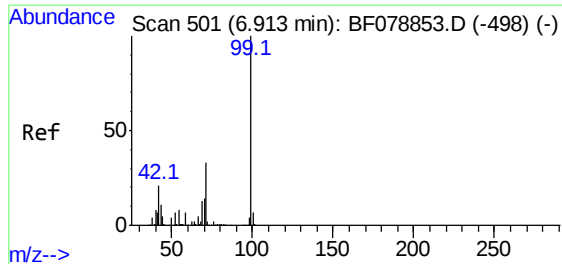
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#5
2-Fluorophenol
Concen: 63.44 ng m
RT: 5.347 min Scan# 364
Delta R.T. -0.068 min
Lab File: BF079427.D
Acq: 22 May 2015 8:20

Tgt Ion:112 Resp: 255550
Ion Ratio Lower Upper
112 100
64 56.2 44.2 66.2
63 27.6 22.7 34.1





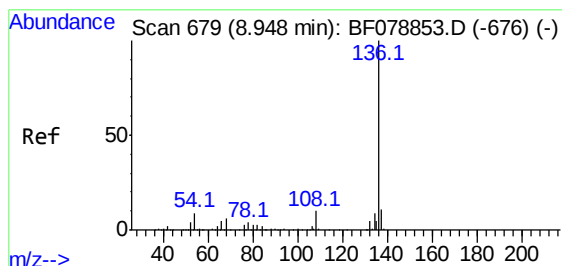
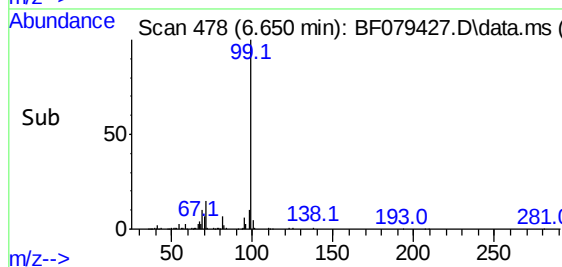
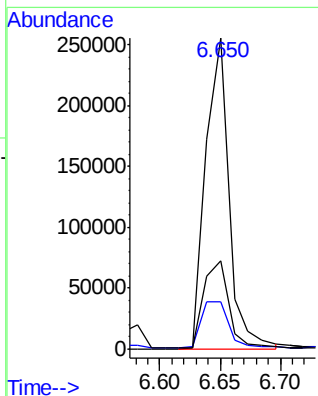
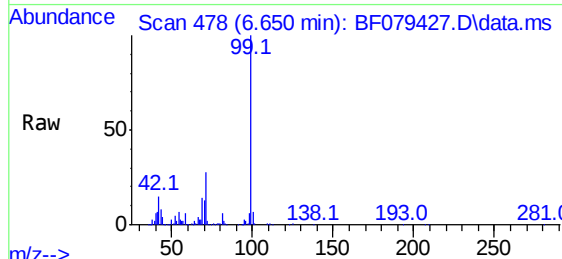
#7
Phenol-d6
Concen: 63.70 ng m
RT: 6.650 min Scan# 478
Delta R.T. -0.057 min
Lab File: BF079427.D
Acq: 22 May 2015 8:20

Tgt Ion: 99 Resp: 339177
Ion Ratio Lower Upper
99 100
42 15.3 17.1 25.7#
71 28.3 26.3 39.5

Instrument :
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LS-SB03A(2.5-3.0)RE

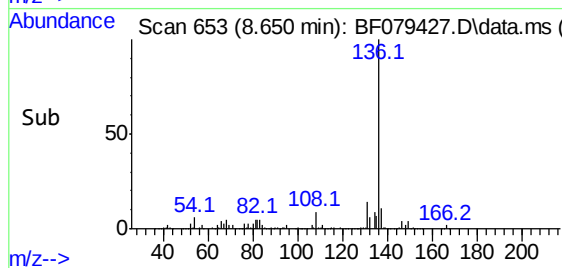
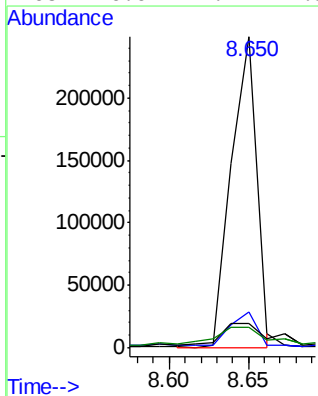
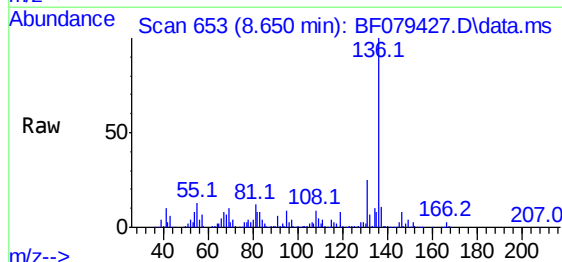
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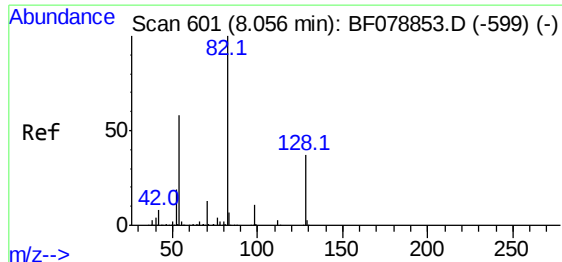
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#21
Naphthalene-d8
Concen: 20.00 ng m
RT: 8.650 min Scan# 653
Delta R.T. -0.057 min
Lab File: BF079427.D
Acq: 22 May 2015 8:20

Tgt Ion:136 Resp: 280941
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 7.6 6.9 10.3
68 6.6 4.9 7.3





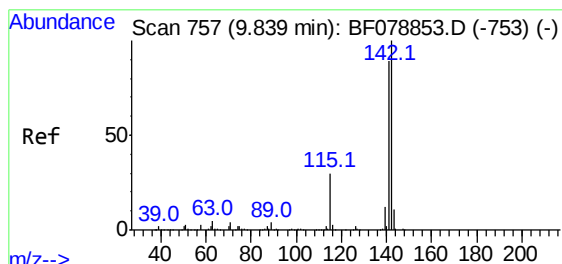
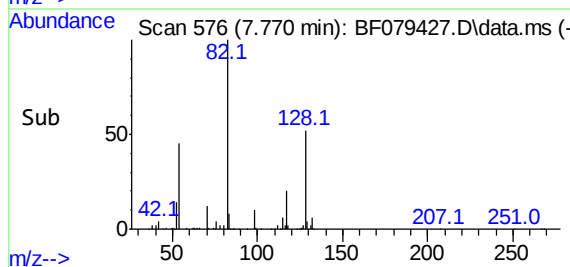
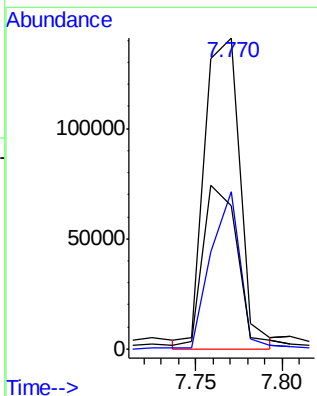
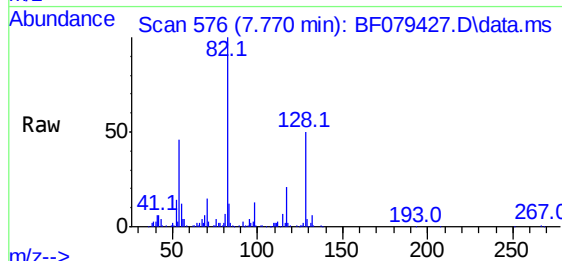
#23
Nitrobenzene-d5
Concen: 41.33 ng m
RT: 7.770 min Scan# 576
Delta R.T. -0.057 min
Lab File: BF079427.D
Acq: 22 May 2015 8:20

Tgt Ion: 82 Resp: 202034
Ion Ratio Lower Upper
82 100
128 50.4 29.7 44.5#
54 46.0 46.2 69.4#

Instrument :
BNA_F
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LS-SB03A(2.5-3.0)RE

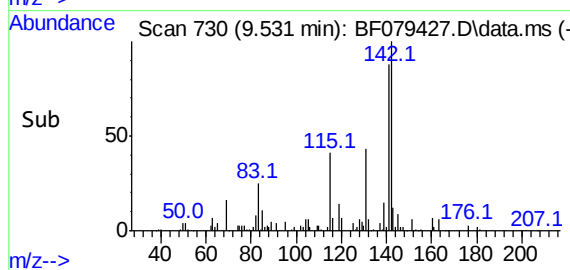
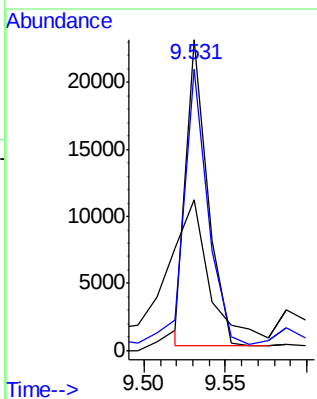
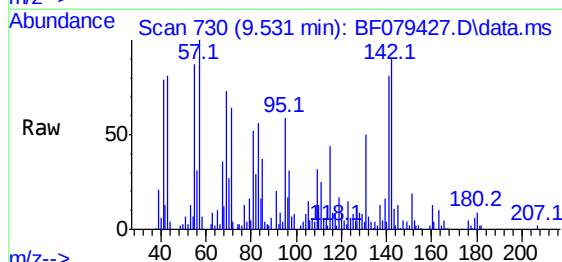
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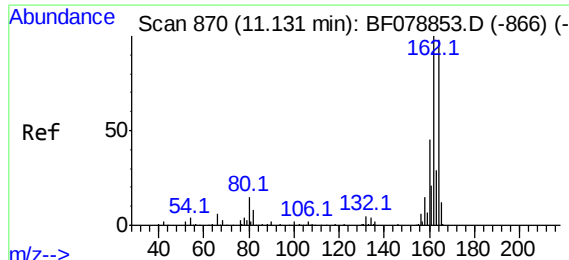
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#37
2-Methylnaphthalene
Concen: 2.29 ng
RT: 9.531 min Scan# 730
Delta R.T. -0.057 min
Lab File: BF079427.D
Acq: 22 May 2015 8:20

Tgt Ion:142 Resp: 21269
Ion Ratio Lower Upper
142 100
141 90.4 71.6 107.4
115 48.7 24.2 36.4#





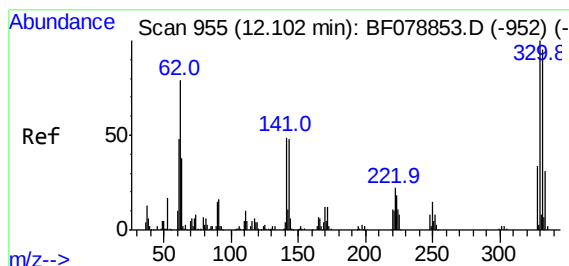
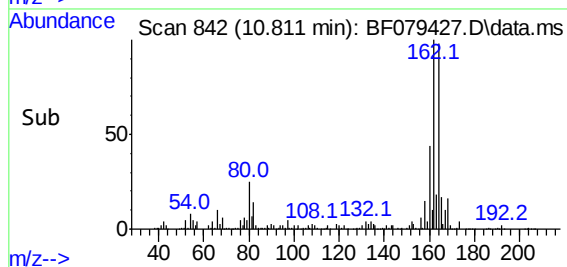
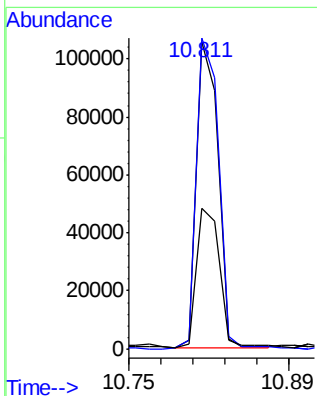
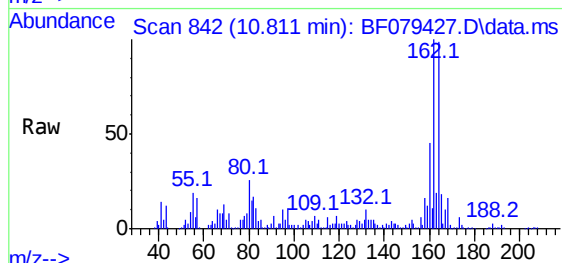
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.811 min Scan# 842
Delta R.T. -0.068 min
Lab File: BF079427.D
Acq: 22 May 2015 8:20

Instrument :
BNA_F
ClientSampleId :
LS-SB03A(2.5-3.0)RE

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

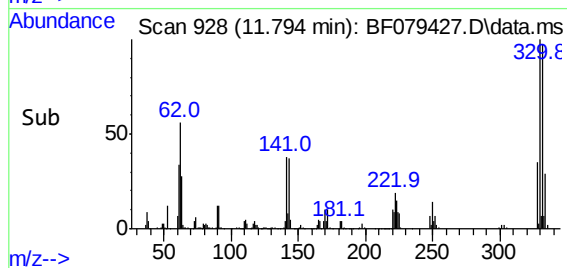
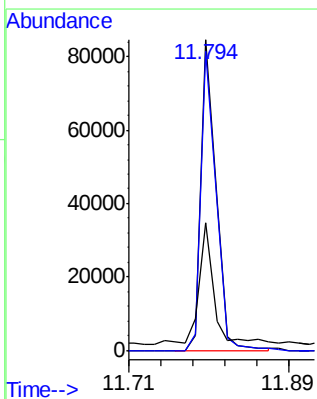
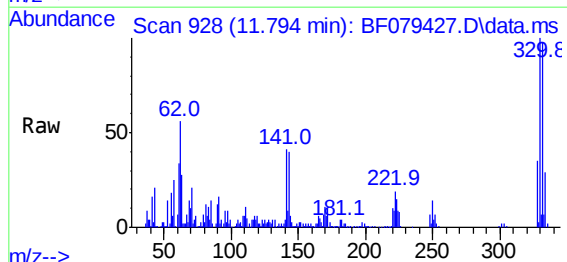
Manual Integrations
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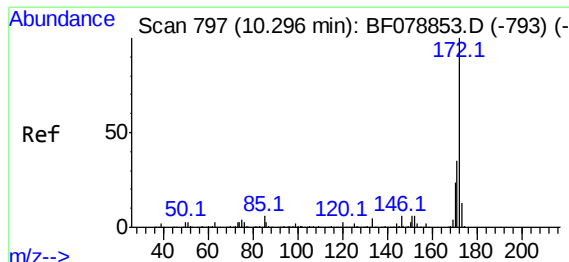
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#41
2,4,6-Tribromophenol
Concen: 62.80 ng
RT: 11.794 min Scan# 928
Delta R.T. -0.068 min
Lab File: BF079427.D
Acq: 22 May 2015 8:20

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





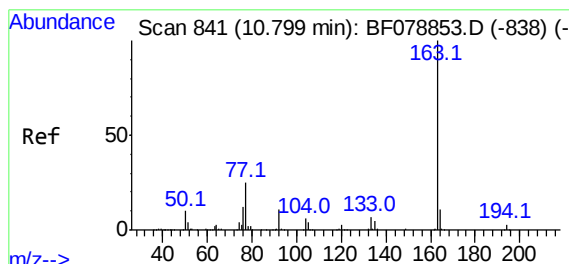
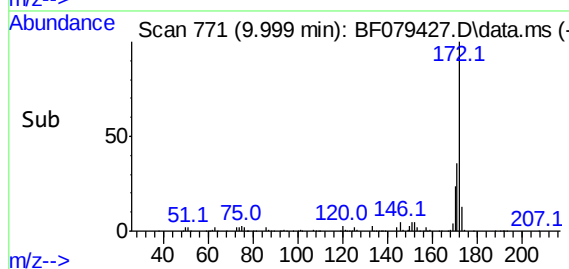
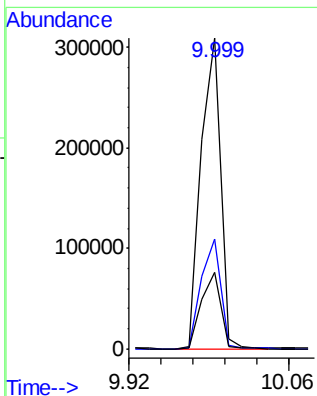
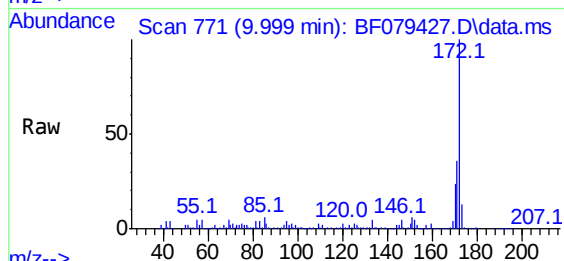
#44
2-Fluorobiphenyl
Concen: 37.13 ng
RT: 9.999 min Scan# 771
Delta R.T. -0.057 min
Lab File: BF079427.D
Acq: 22 May 2015 8:20

Instrument :
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ClientSampleId :
LS-SB03A(2.5-3.0)RE

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

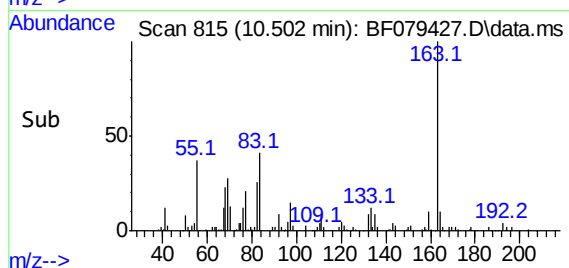
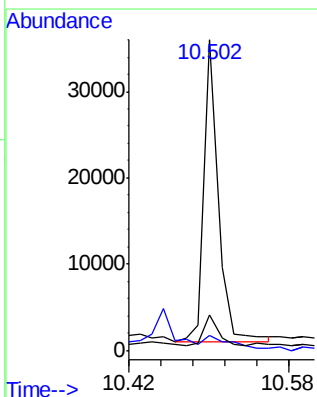
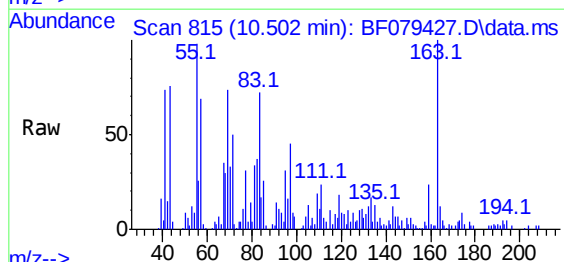
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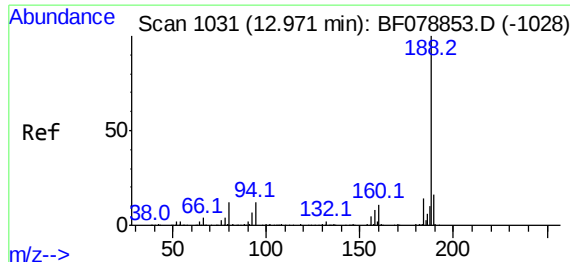
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#49
Dimethylphthalate
Concen: 3.28 ng
RT: 10.502 min Scan# 815
Delta R.T. -0.068 min
Lab File: BF079427.D
Acq: 22 May 2015 8:20

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





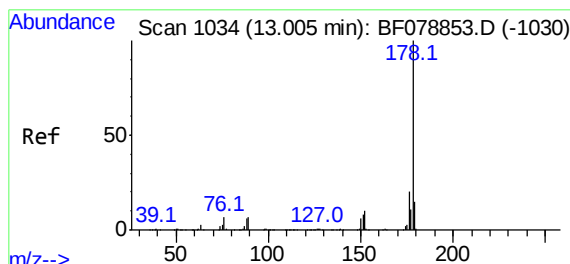
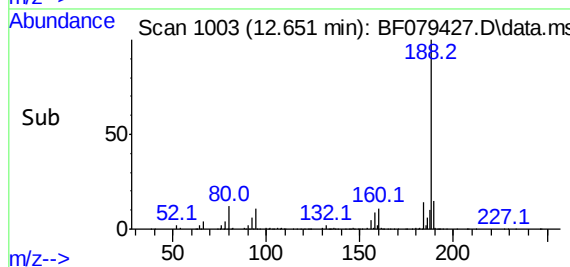
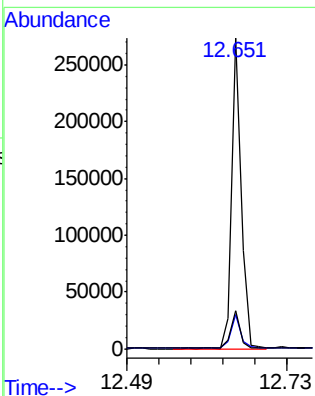
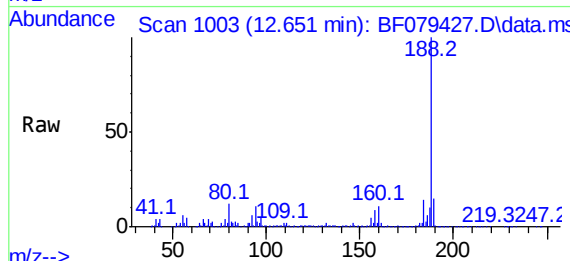
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.651 min Scan# 1003
Delta R.T. -0.068 min
Lab File: BF079427.D
Acq: 22 May 2015 8:20

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

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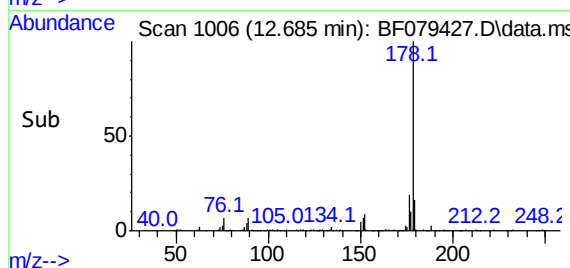
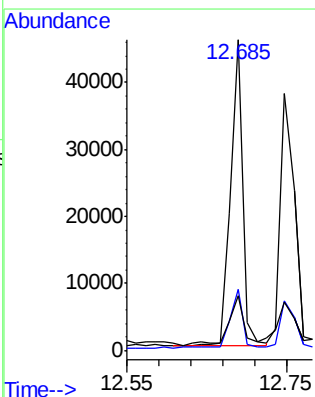
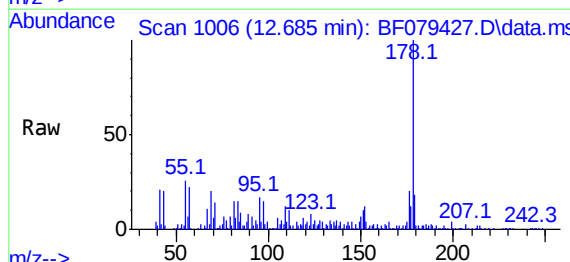
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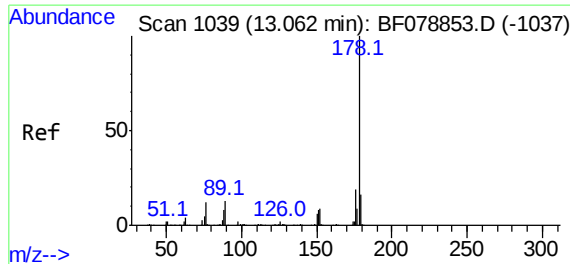
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#70
Phenanthrene
Concen: 3.22 ng
RT: 12.685 min Scan# 1006
Delta R.T. -0.057 min
Lab File: BF079427.D
Acq: 22 May 2015 8:20

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





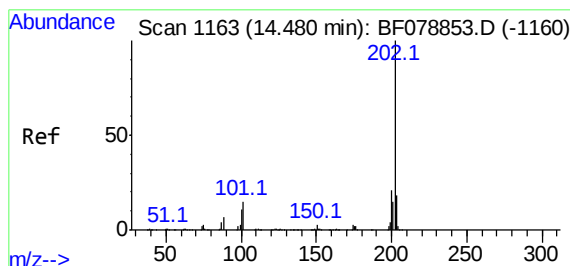
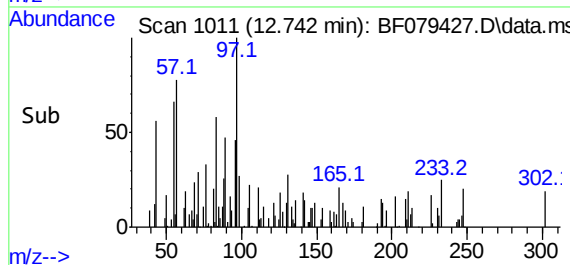
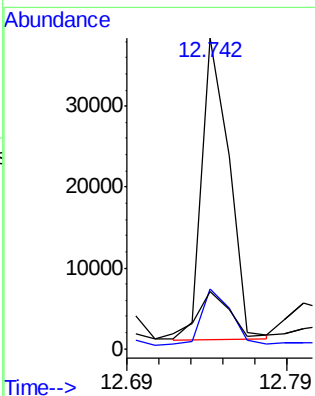
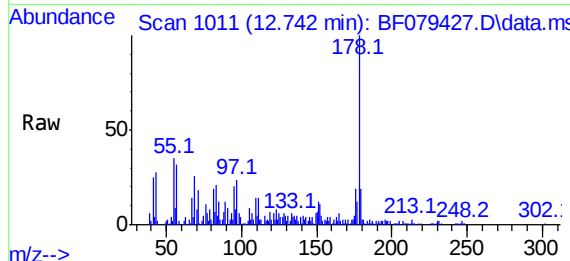
#71
 Anthracene
 Concen: 2.95 ng
 RT: 12.742 min Scan# 1011
 Delta R.T. -0.068 min
 Lab File: BF079427.D
 Acq: 22 May 2015 8:20

Instrument :
 BNA_F
 ClientSampleId :
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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

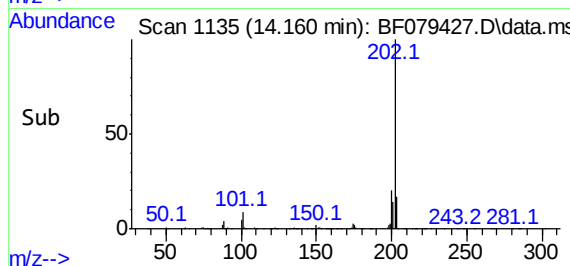
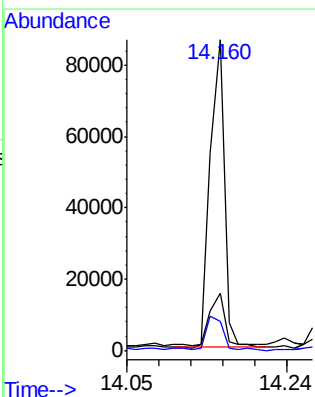
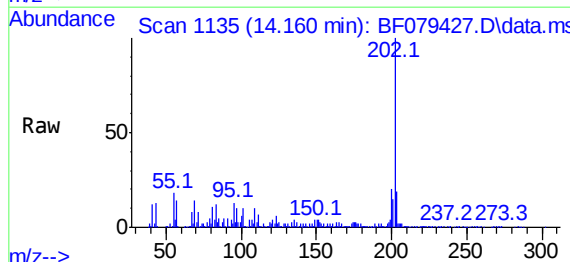
Manual Integrations
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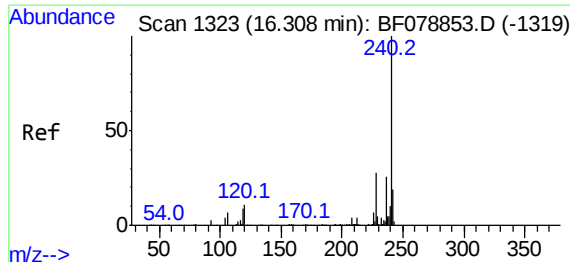
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#74
 Fluoranthene
 Concen: 6.56 ng
 RT: 14.160 min Scan# 1135
 Delta R.T. -0.068 min
 Lab File: BF079427.D
 Acq: 22 May 2015 8:20

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

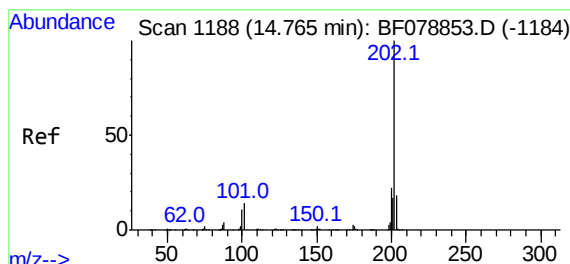
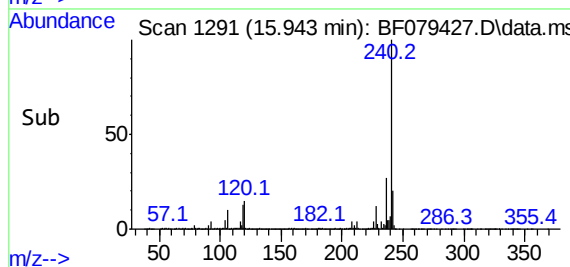
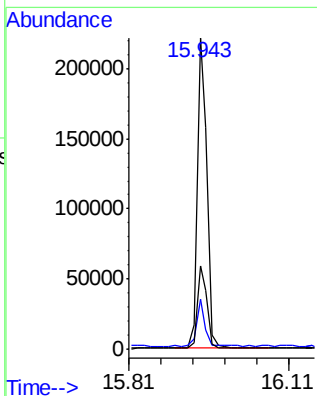
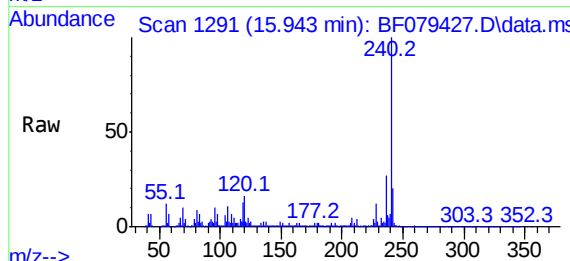




#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.943 min Scan# 1291
Delta R.T. -0.080 min
Lab File: BF079427.D
Acq: 22 May 2015 8:20

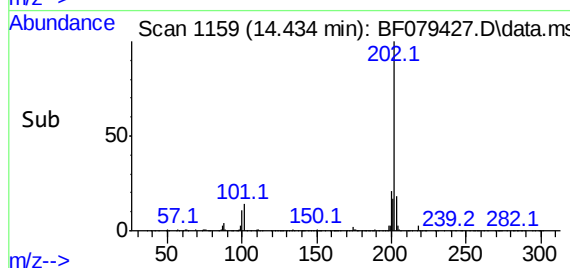
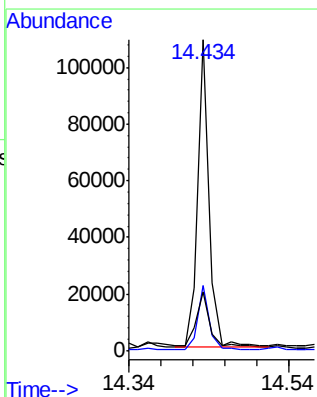
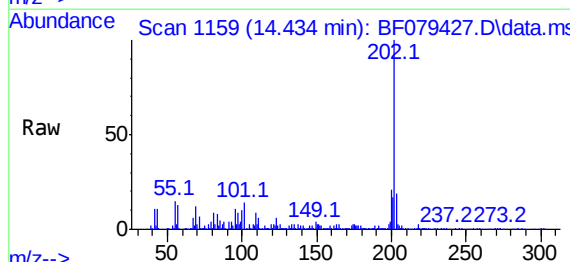
Instrument :
BNA_F
ClientSampleId :
LS-SB03A(2.5-3.0)RE

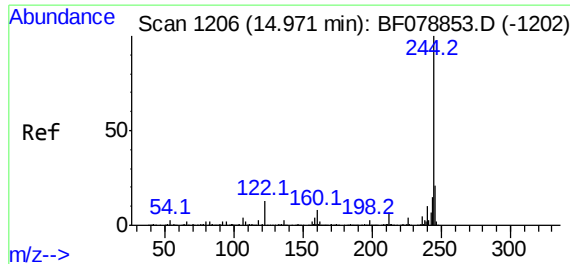
Tgt Ion:240 Resp: 282018
Ion Ratio Lower Upper
240 100
120 15.8 8.6 12.8#
236 26.7 21.0 31.6



#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

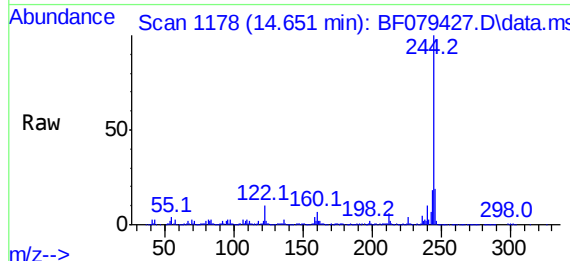
Tgt Ion:202 Resp: 107258
Ion Ratio Lower Upper
202 100
200 21.0 17.5 26.3
203 18.8 14.7 22.1





#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

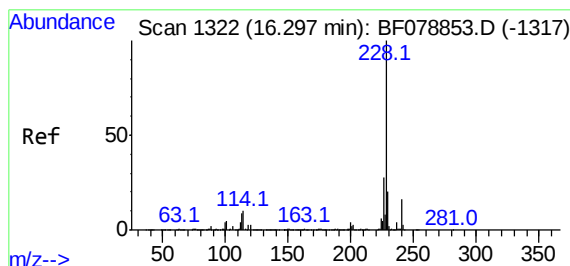
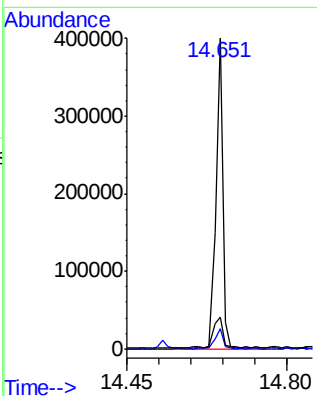
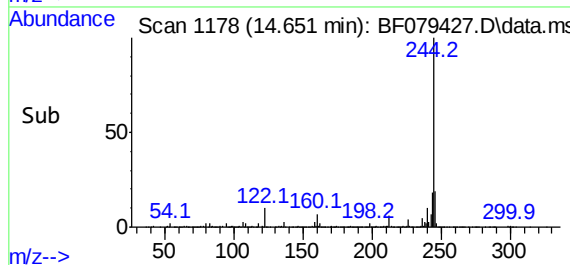
Instrument :
BNA_F
ClientSampleId :
LS-SB03A(2.5-3.0)RE



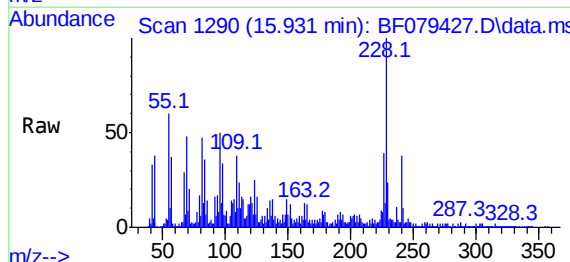
Tgt Ion:244 Resp: 410337
Ion Ratio Lower Upper
244 100
212 6.4 5.6 8.4
122 10.4 10.5 15.7#

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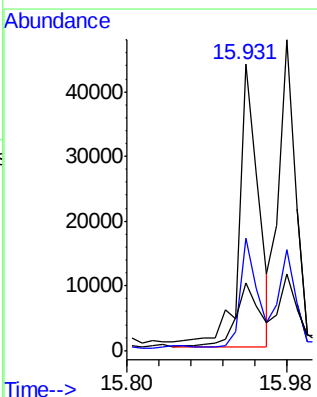
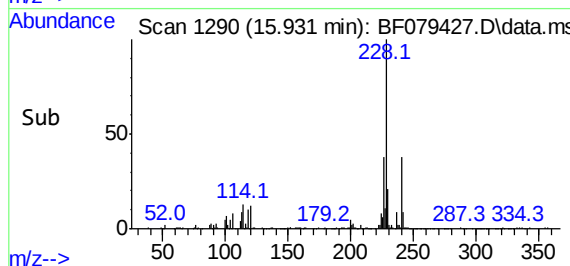
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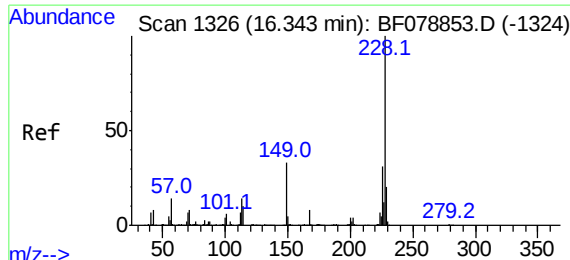


#80
Benzo(a)anthracene
Concen: 3.92 ng
RT: 15.931 min Scan# 1290
Delta R.T. -0.080 min
Lab File: BF079427.D
Acq: 22 May 2015 8:20



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





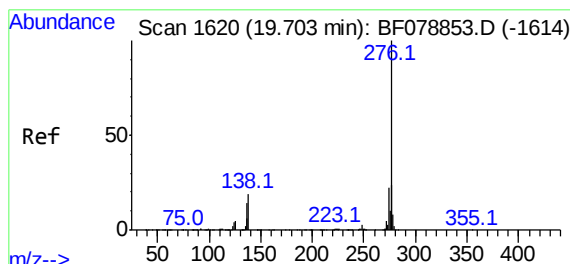
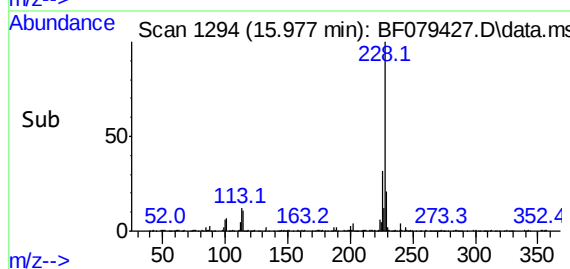
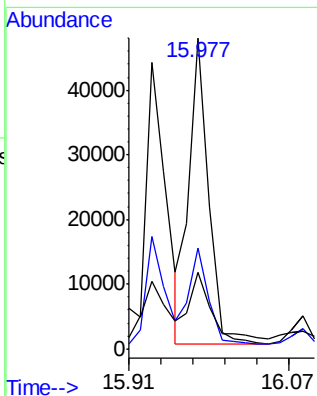
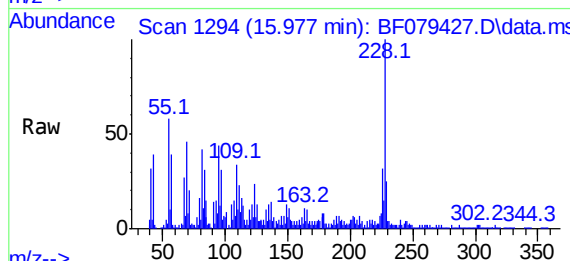
#82
Chrysene
Concen: 4.15 ng
RT: 15.977 min Scan# 1294
Delta R.T. -0.080 min
Lab File: BF079427.D
Acq: 22 May 2015 8:20

Instrument :
BNA_F
ClientSampleId :
LS-SB03A(2.5-3.0)RE

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#

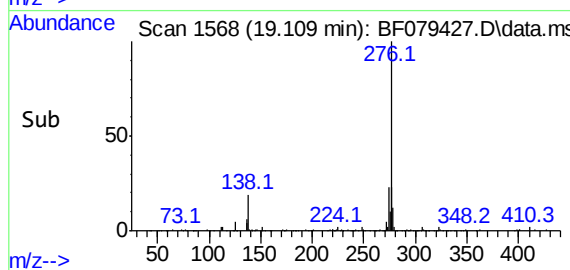
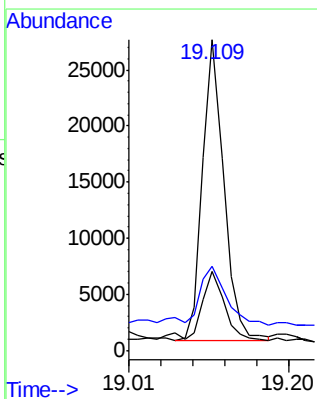
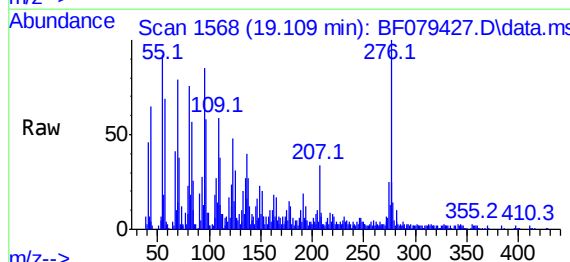
Manual Integrations
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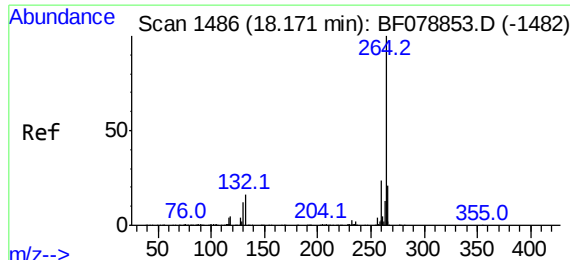
apatel
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#85
Indeno(1,2,3-cd)pyrene
Concen: 2.57 ng
RT: 19.109 min Scan# 1568
Delta R.T. -0.103 min
Lab File: BF079427.D
Acq: 22 May 2015 8:20

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





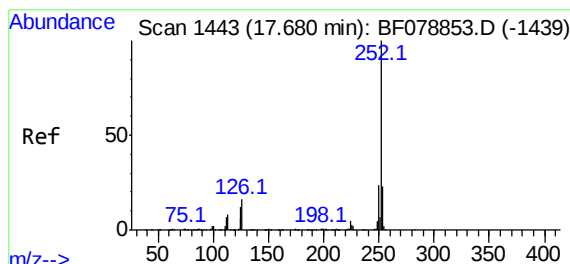
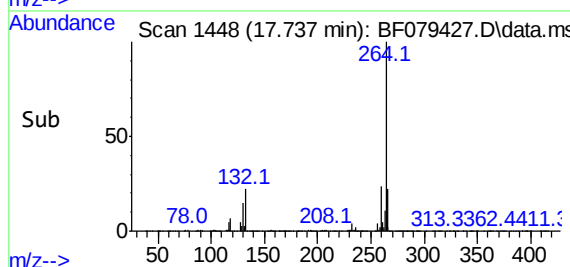
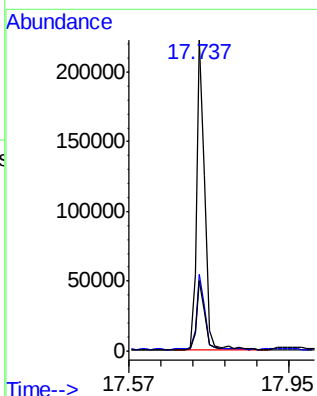
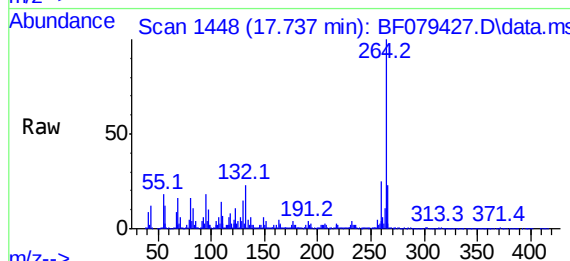
#86
Perylene-d12
Concen: 20.00 ng
RT: 17.737 min Scan# 1448
Delta R.T. -0.080 min
Lab File: BF079427.D
Acq: 22 May 2015 8:20

Instrument :
BNA_F
ClientSampleId :
LS-SB03A(2.5-3.0)RE

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

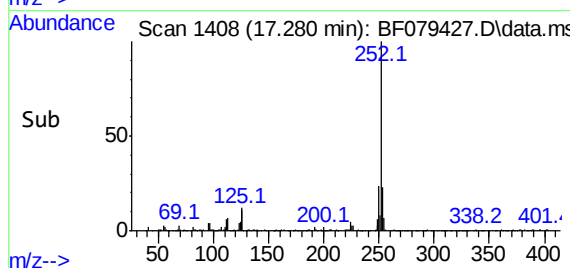
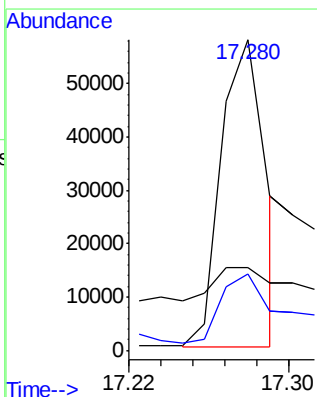
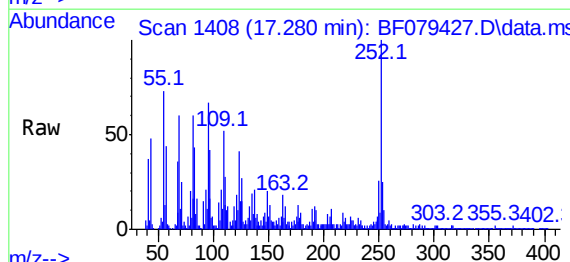
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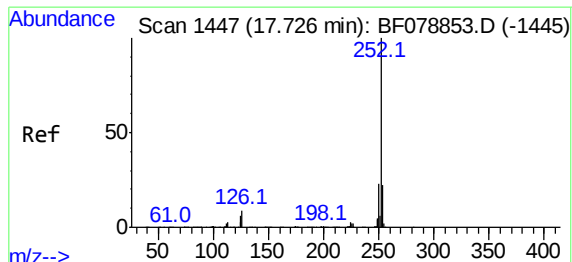
apatel
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#87
Benzo(b)fluoranthene
Concen: 5.78 ng m
RT: 17.280 min Scan# 1408
Delta R.T. -0.069 min
Lab File: BF079427.D
Acq: 22 May 2015 8:20

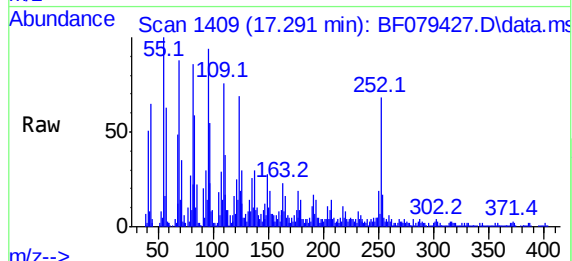
Tgt Ion:252 Resp: 93560
Ion Ratio Lower Upper
252 100
253 24.8 18.1 27.1
125 26.6 9.4 14.2#





#88
Benzo(k)fluoranthene
Concen: 2.40 ng m
RT: 17.291 min Scan# 1409
Delta R.T. -0.091 min
Lab File: BF079427.D
Acq: 22 May 2015 8:20

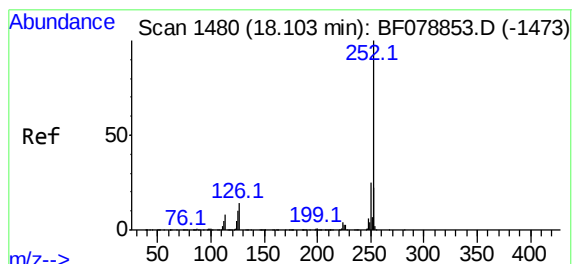
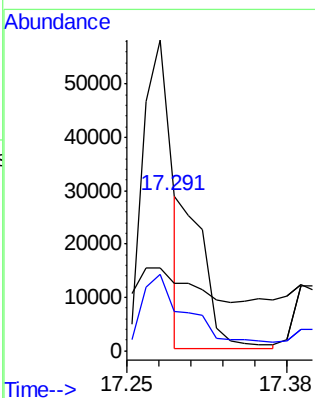
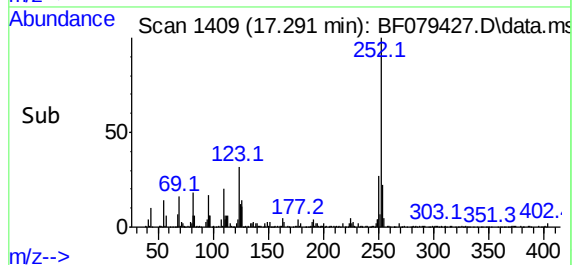
Instrument :
BNA_F
ClientSampleId :
LS-SB03A(2.5-3.0)RE



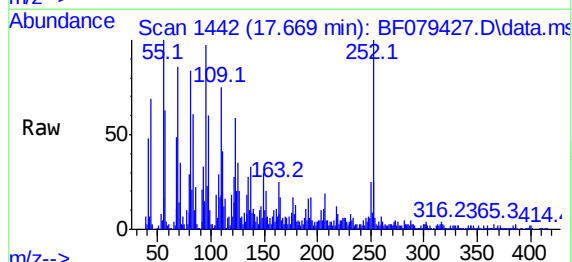
Tgt Ion:252 Resp: 37645
Ion Ratio Lower Upper
252 100
253 25.6 17.4 26.0
125 43.5 6.1 9.1#

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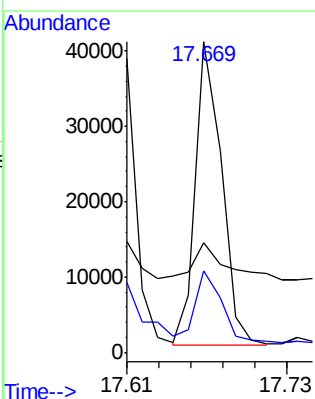
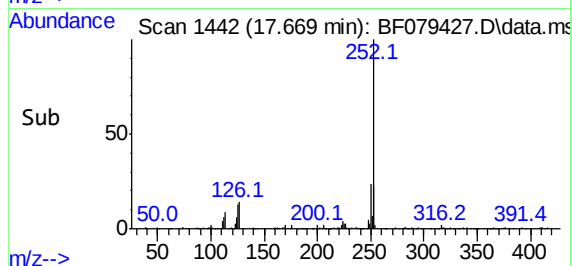
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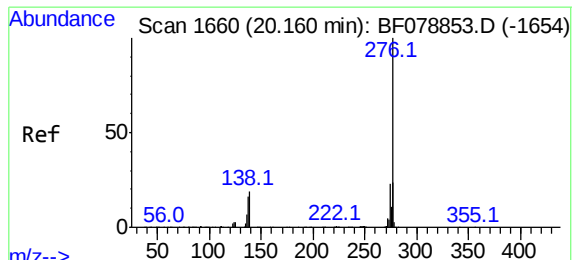


#89
Benzo(a)pyrene
Concen: 3.56 ng
RT: 17.669 min Scan# 1442
Delta R.T. -0.080 min
Lab File: BF079427.D
Acq: 22 May 2015 8:20



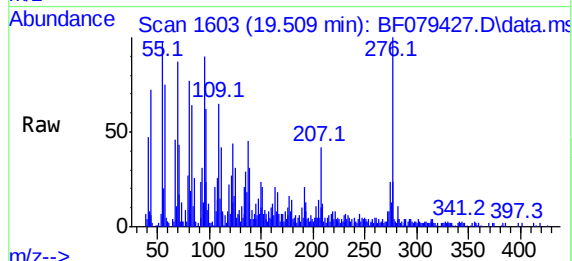
Tgt Ion:252 Resp: 53042
Ion Ratio Lower Upper
252 100
253 26.3 18.0 27.0
125 35.4 8.2 12.2#





#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

Instrument :
 BNA_F
 ClientSampleId :
 LS-SB03A(2.5-3.0)RE



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

Manual Integrations
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apatel
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