Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061215\
Data File : BF079963.D
Acq On : 13 Jun 2015 7:17
Operator : TP/IZ
Sample : G2592-07 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TEC-C1

Manual Integrations APPROVED
apatel
6/15/2015 1:00:26 PM

Quant Time: Jun 15 01:20:24 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 12 22:57:49 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	39409	20.00	ng	0.00
21) Naphthalene-d8	8.67	136	151087	20.00	ng	0.00
38) Acenaphthene-d10	10.44	164	81286	20.00	ng	0.00
63) Phenanthrene-d10	11.95	188	171536	20.00	ng	-0.02
75) Chrysene-d12	14.94	240	199996m	20.00	ng	-0.21
86) Perylene-d12	16.86	264	202779m	20.00	ng	-0.24
System Monitoring Compounds						
5) 2-Fluorophenol	5.99	112	141470	65.82	ng	0.00
7) Phenol-d6	6.97	99	184061	62.86	ng	0.00
23) Nitrobenzene-d5	7.93	82	94353	41.20	ng	0.00
41) 2,4,6-Tribromophenol	11.23	330	35634	45.51	ng	-0.01
44) 2-Fluorobiphenyl	9.75	172	214923	37.02	ng	0.00
78) Terphenyl-d14	13.65	244	289120	33.33	ng	-0.13
Target Compounds						Qvalue
49) Dimethylphthalate	10.12	163	34139	5.24	ng	97
57) Fluorene	10.99	166	14180	2.07	ng	98
70) Phenanthrene	11.98	178	140046	13.70	ng	97
71) Anthracene	12.02	178	42982	4.34	ng	99
74) Fluoranthene	13.25	202	191069	16.91	ng	97
77) Pyrene	13.51	202	153958	12.26	ng	98
80) Benzo(a)anthracene	14.93	228	106202m	8.36	ng	
82) Chrysene	14.97	228	86733m	6.68	ng	
85) Indeno(1,2,3-cd)pyrene	18.75	276	48355m	3.64	ng	
87) Benzo(b)fluoranthene	16.31	252	124233m	10.00	ng	
88) Benzo(k)fluoranthene	16.34	252	32477m	2.56	ng	
89) Benzo(a)pyrene	16.78	252	87660m	7.42	ng	
91) Benzo(g,h,i)perylene	19.33	276	54036m	4.50	ng	

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061215\
Data File : BF079963.D
Acq On : 13 Jun 2015 7:17
Operator : TP/IZ
Sample : G2592-07 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jun 15 01:20:24 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 12 22:57:49 2015
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
TEC-C1

Manual Integrations APPROVED
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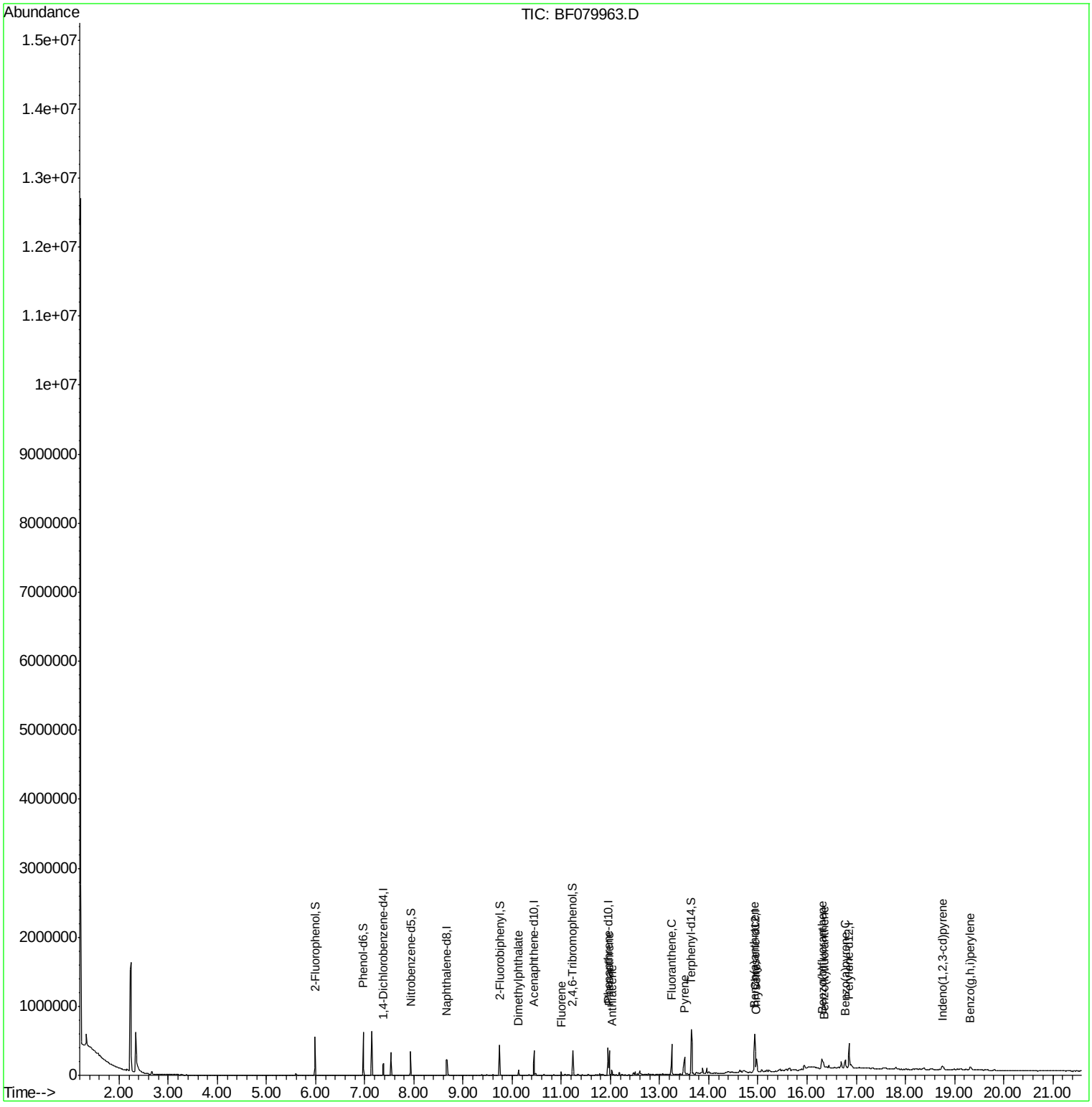
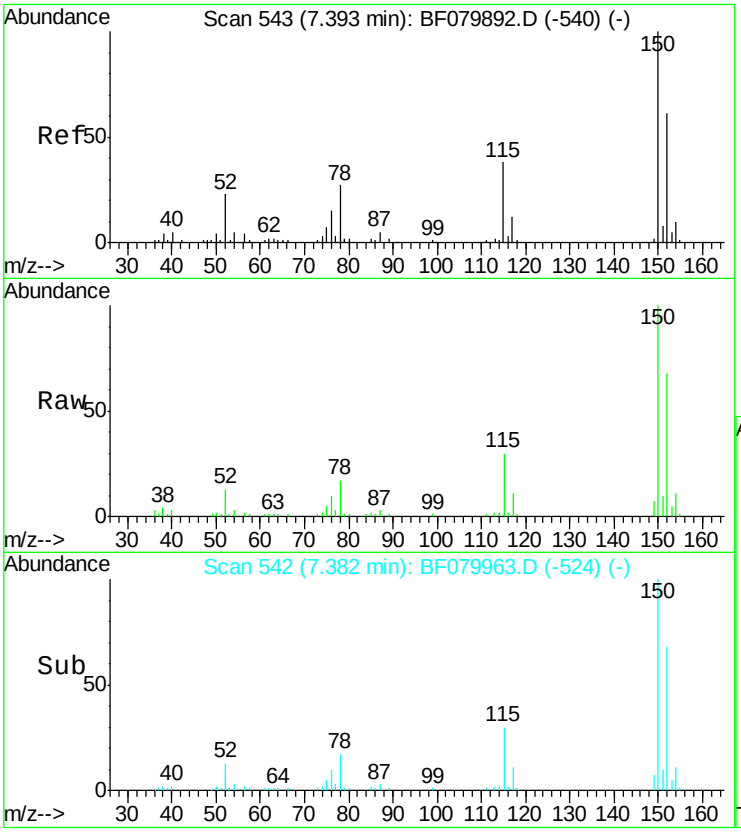
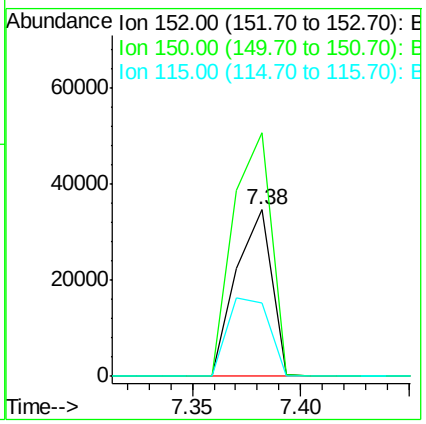




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.38 min Scan# 542
Delta R.T. 0.00 min
Lab File: BF079963.D
Acq: 13 Jun 2015 7:17

Tgt Ion:152 Resp: 39409

Ion	Ratio	Lower	Upper
152	100		
150	146.4	131.0	196.4
115	44.4	49.8	74.6#



Instrument :
BNA_F
ClientSampleId :
TEC-C1

Manual Integrations APPROVED
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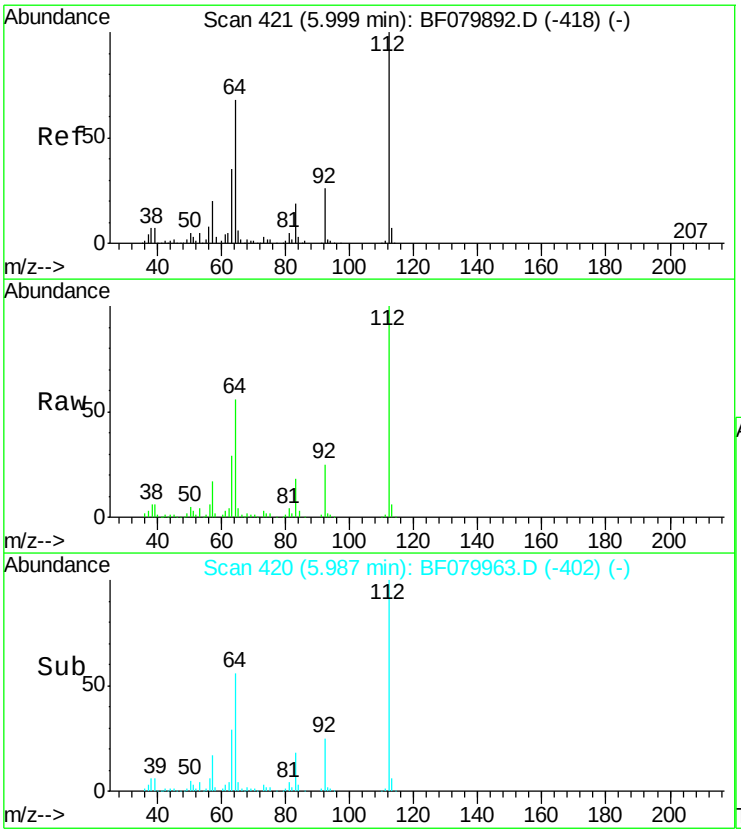
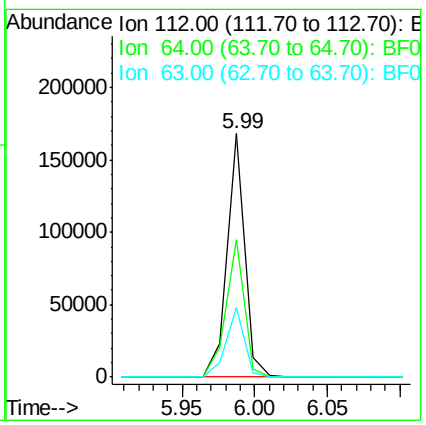
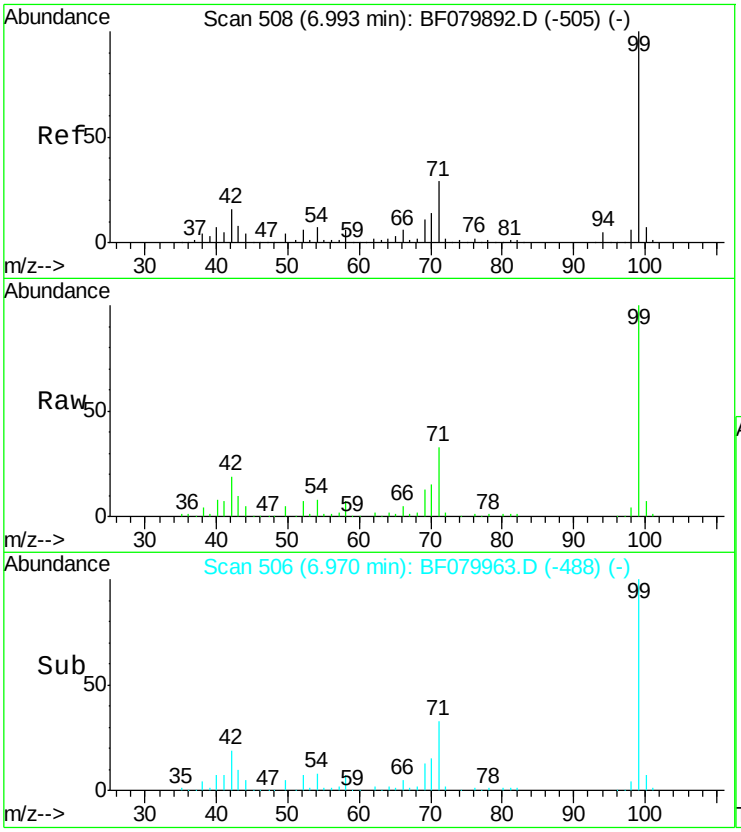


#5
2-Fluorophenol
Concen: 65.82 ng
RT: 5.99 min Scan# 420
Delta R.T. 0.00 min
Lab File: BF079963.D
Acq: 13 Jun 2015 7:17

Tgt Ion:112 Resp: 141470

Ion	Ratio	Lower	Upper
112	100		
64	56.3	54.5	81.7
63	28.8	27.9	41.9

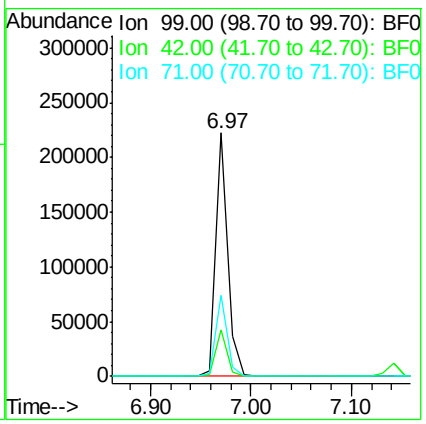




#7
Phenol-d6
Concen: 62.86 ng
RT: 6.97 min Scan# 506
Delta R.T. 0.00 min
Lab File: BF079963.D
Acq: 13 Jun 2015 7:17

Tgt Ion: 99 Resp: 184061

Ion	Ratio	Lower	Upper
99	100		
42	19.3	12.9	19.3
71	33.1	23.4	35.2



Instrument :
BNA_F
ClientSampleId :
TEC-C1

Manual Integrations APPROVED
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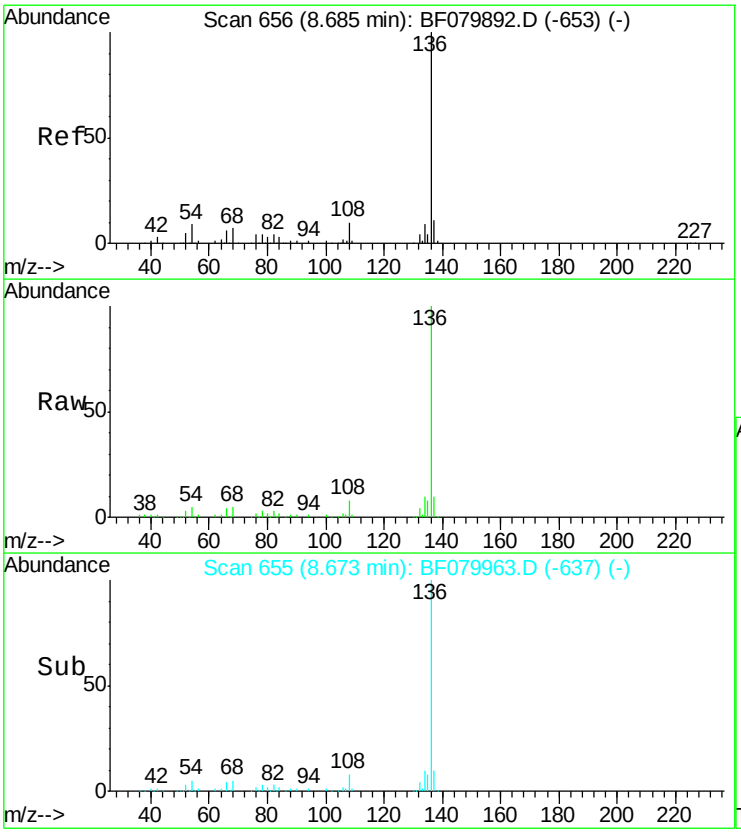
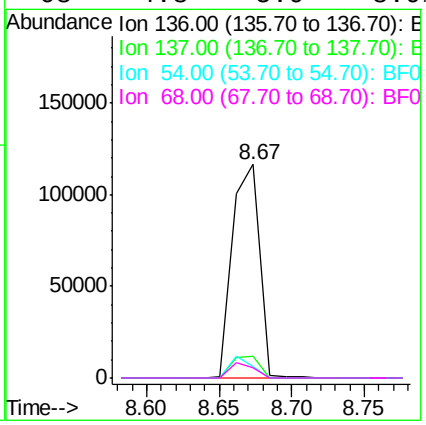
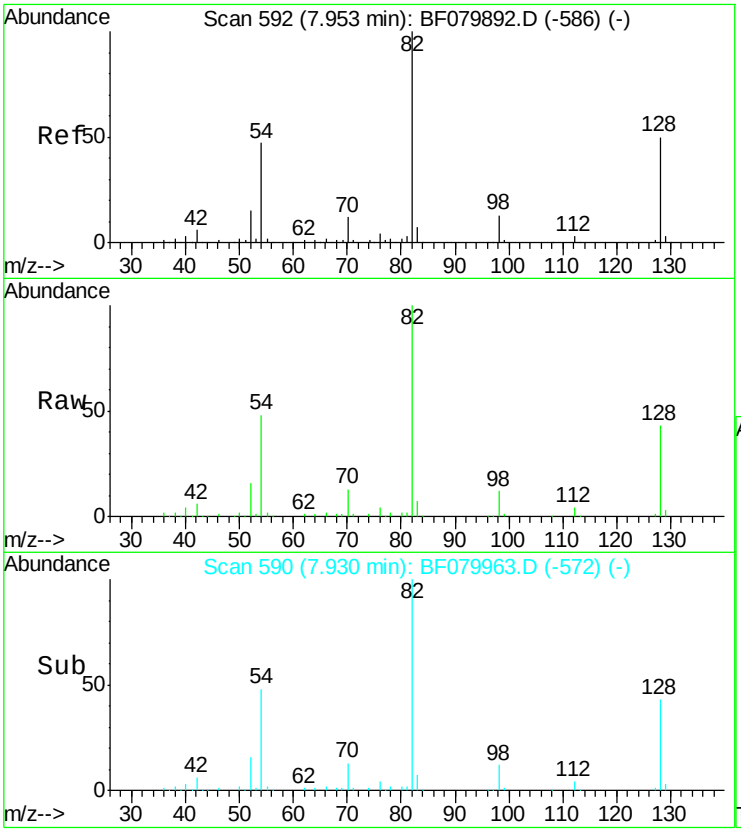


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.67 min Scan# 655
Delta R.T. 0.00 min
Lab File: BF079963.D
Acq: 13 Jun 2015 7:17

Tgt Ion:136 Resp: 151087

Ion	Ratio	Lower	Upper
136	100		
137	10.0	8.7	13.1
54	5.4	7.3	10.9#
68	4.8	5.9	8.9#

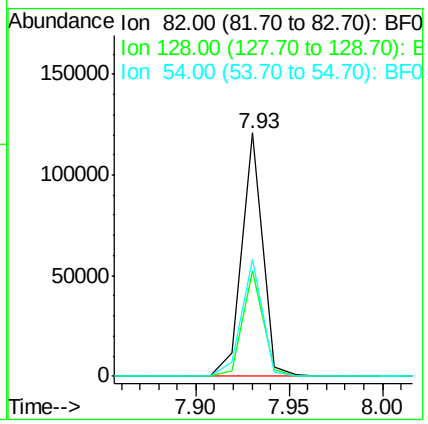




#23
Nitrobenzene-d5
Concen: 41.20 ng
RT: 7.93 min Scan# 590
Delta R.T. 0.00 min
Lab File: BF079963.D
Acq: 13 Jun 2015 7:17

Tgt Ion: 82 Resp: 94353

Ion	Ratio	Lower	Upper
82	100		
128	43.1	40.3	60.5
54	48.2	38.0	57.0



Instrument :
BNA_F
ClientSampleId :
TEC-C1

Manual Integrations APPROVED
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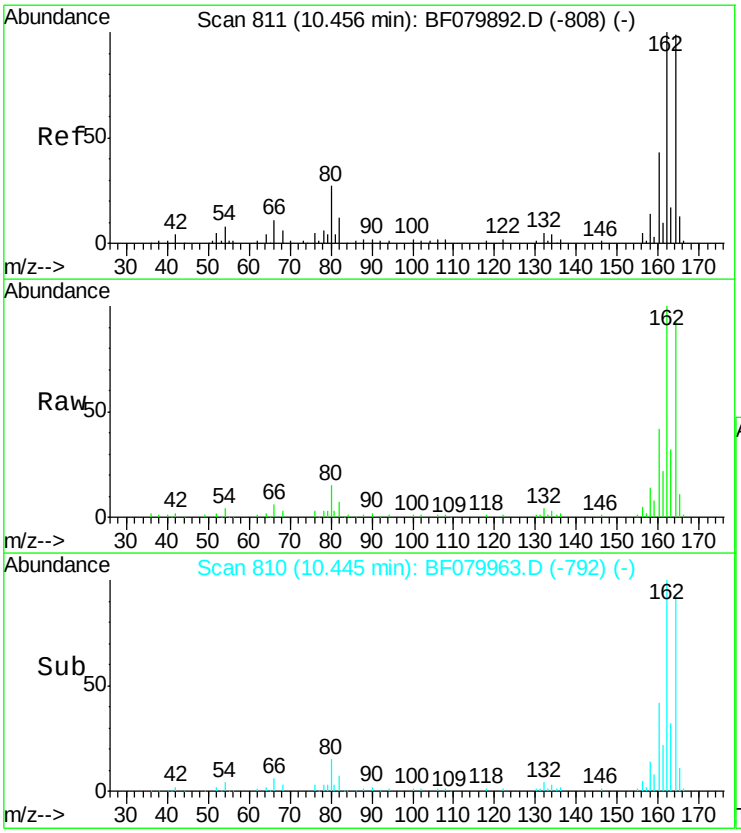
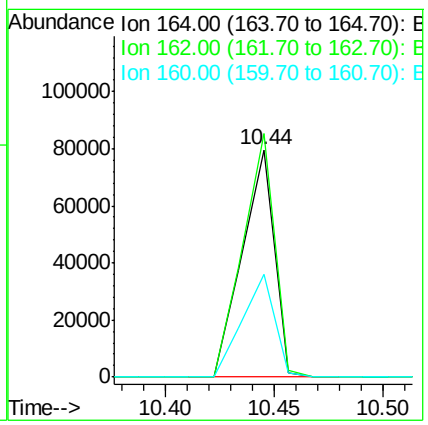
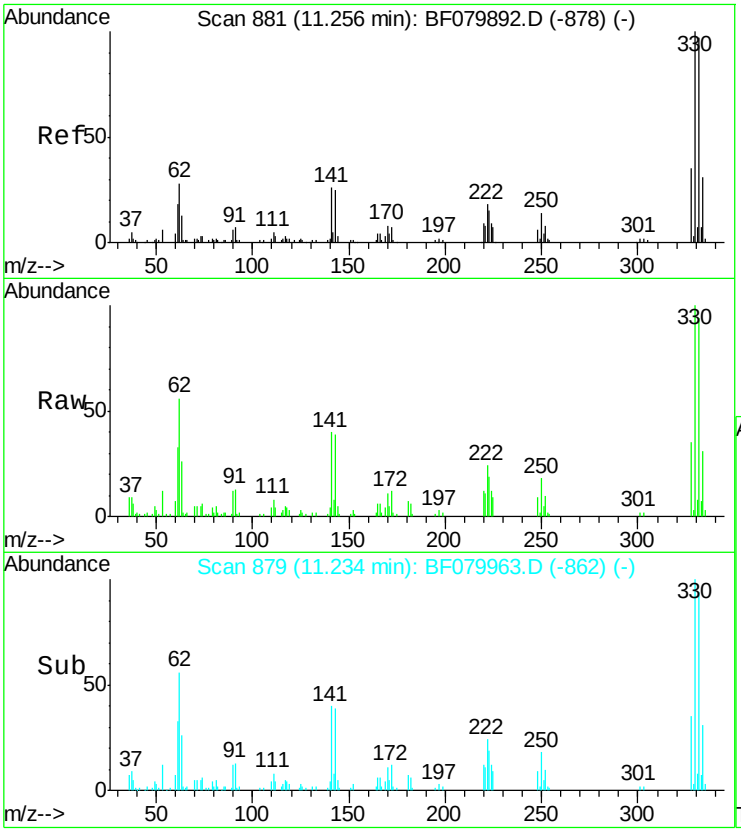


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.44 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF079963.D
Acq: 13 Jun 2015 7:17

Tgt Ion:164 Resp: 81286

Ion	Ratio	Lower	Upper
164	100		
162	107.2	80.7	121.1
160	45.4	34.6	51.8

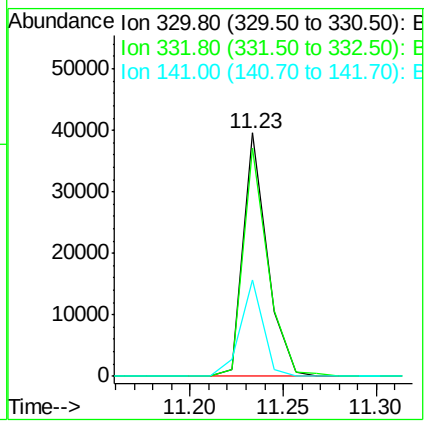




#41
2,4,6-Tribromophenol
Concen: 45.51 ng
RT: 11.23 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF079963.D
Acq: 13 Jun 2015 7:17

Tgt Ion:330 Resp: 35634

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.3	115.9
141	37.5	26.8	40.2



Instrument :
BNA_F
ClientSampleId :
TEC-C1

Manual Integrations APPROVED
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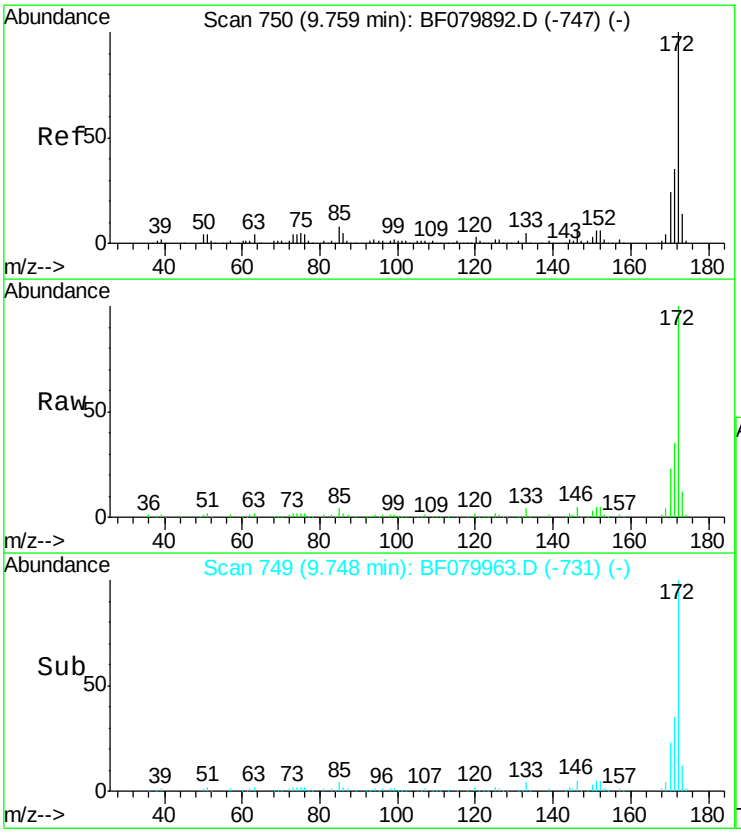
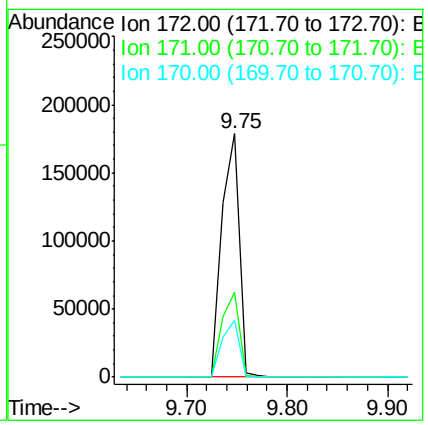
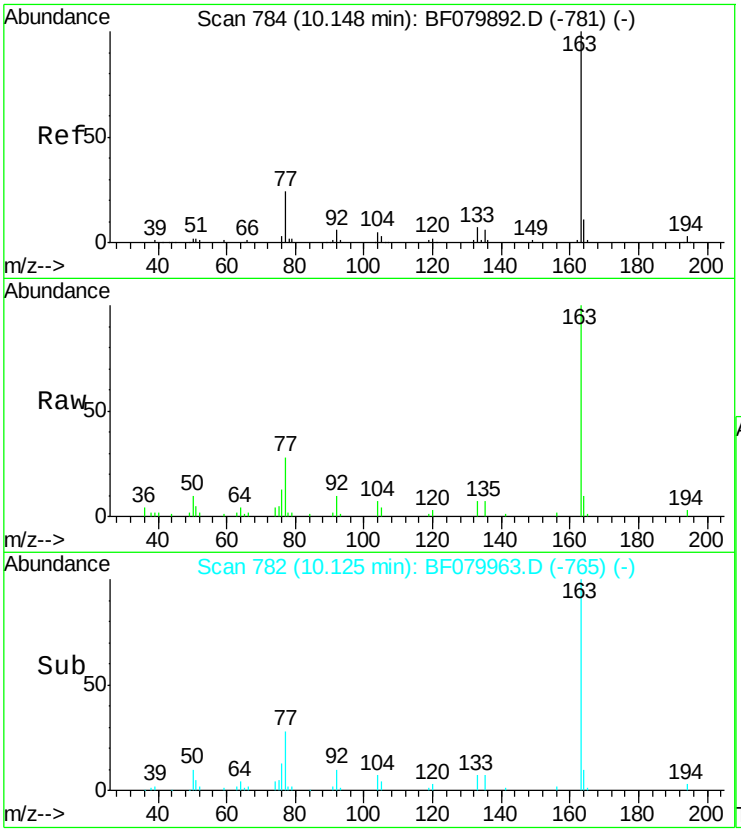


#44
2-Fluorobiphenyl
Concen: 37.02 ng
RT: 9.75 min Scan# 749
Delta R.T. 0.00 min
Lab File: BF079963.D
Acq: 13 Jun 2015 7:17

Tgt Ion:172 Resp: 214923

Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.3	42.5
170	23.4	19.0	28.4

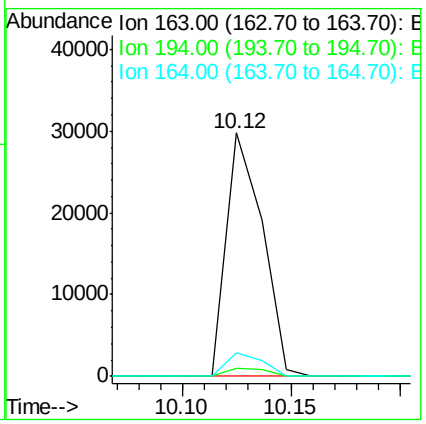




#49
Dimethylphthalate
Concen: 5.24 ng
RT: 10.12 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF079963.D
Acq: 13 Jun 2015 7:17

Tgt Ion:163 Resp: 34139

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.6	4.0
164	9.5	8.6	12.8



Instrument :
BNA_F
ClientSampleId :
TEC-C1

Manual Integrations APPROVED
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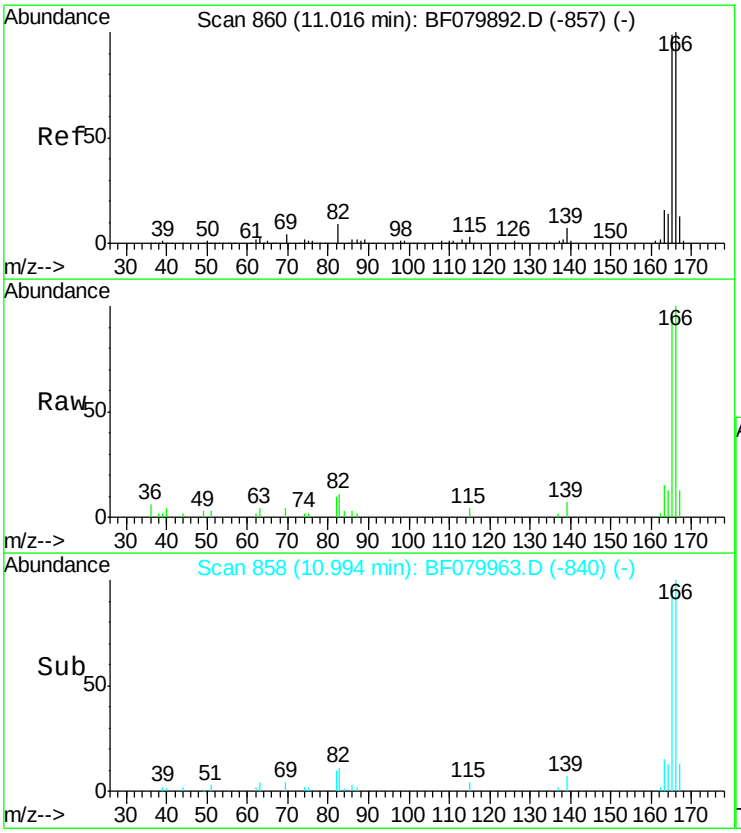
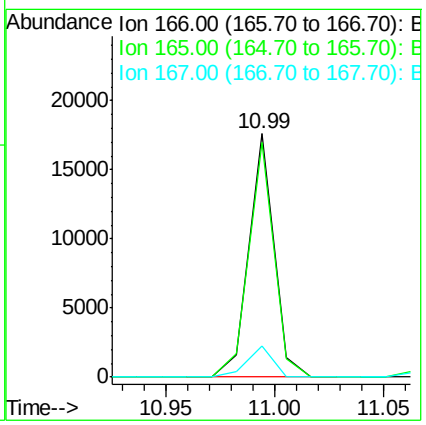
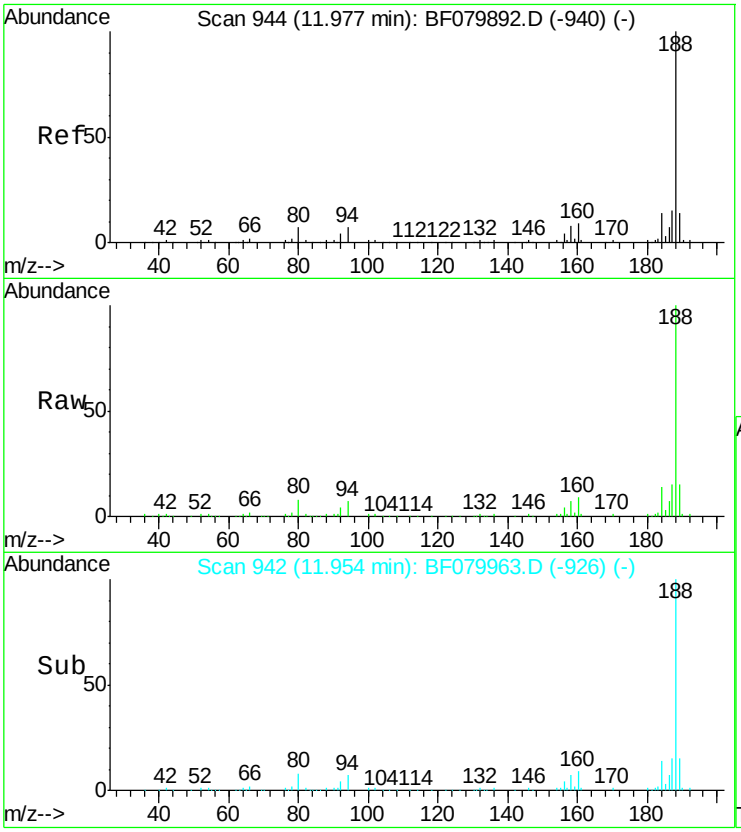


#57
Fluorene
Concen: 2.07 ng
RT: 10.99 min Scan# 858
Delta R.T. 0.00 min
Lab File: BF079963.D
Acq: 13 Jun 2015 7:17

Tgt Ion:166 Resp: 14180

Ion	Ratio	Lower	Upper
166	100		
165	96.2	79.0	118.6
167	13.0	10.3	15.5

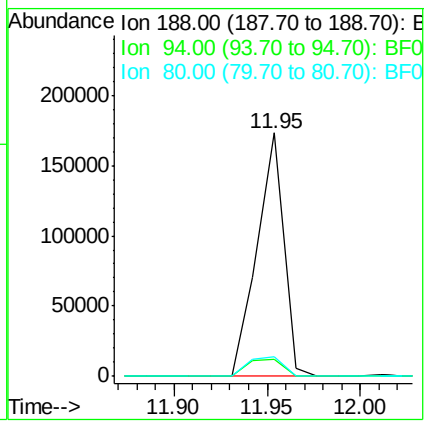




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.95 min Scan# 942
Delta R.T. -0.02 min
Lab File: BF079963.D
Acq: 13 Jun 2015 7:17

Tgt Ion:188 Resp: 171536

Ion	Ratio	Lower	Upper
188	100		
94	7.2	5.8	8.8
80	7.8	5.9	8.9



Instrument :
BNA_F
ClientSampleId :
TEC-C1

Manual Integrations APPROVED
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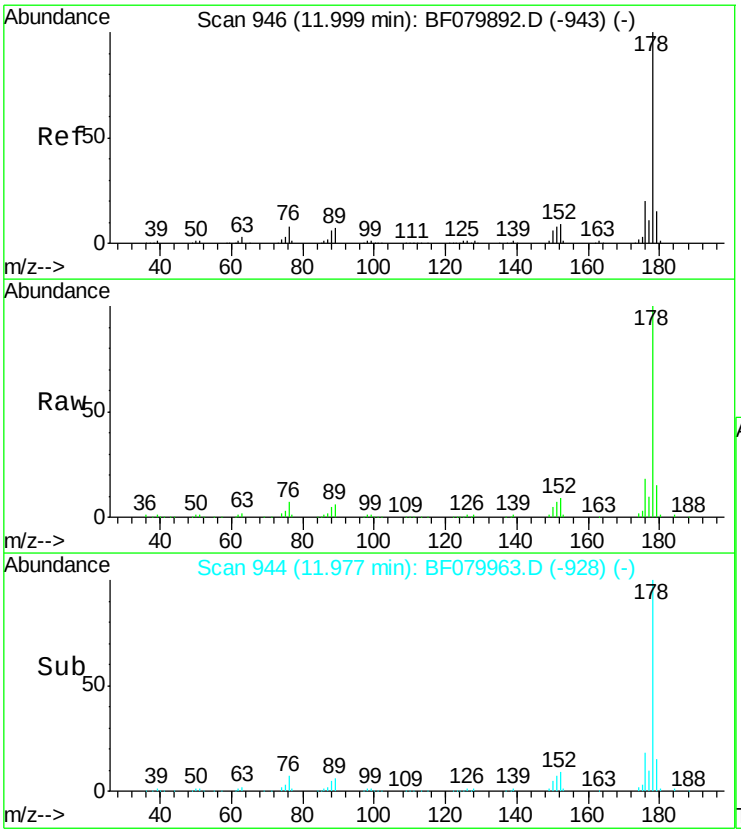
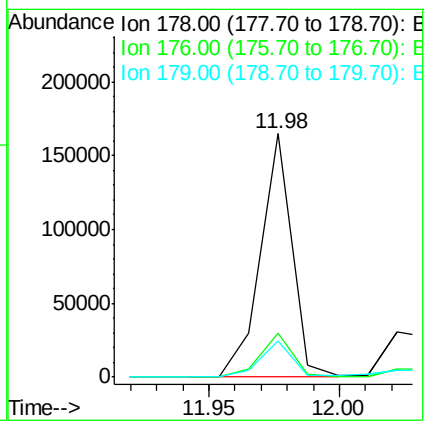
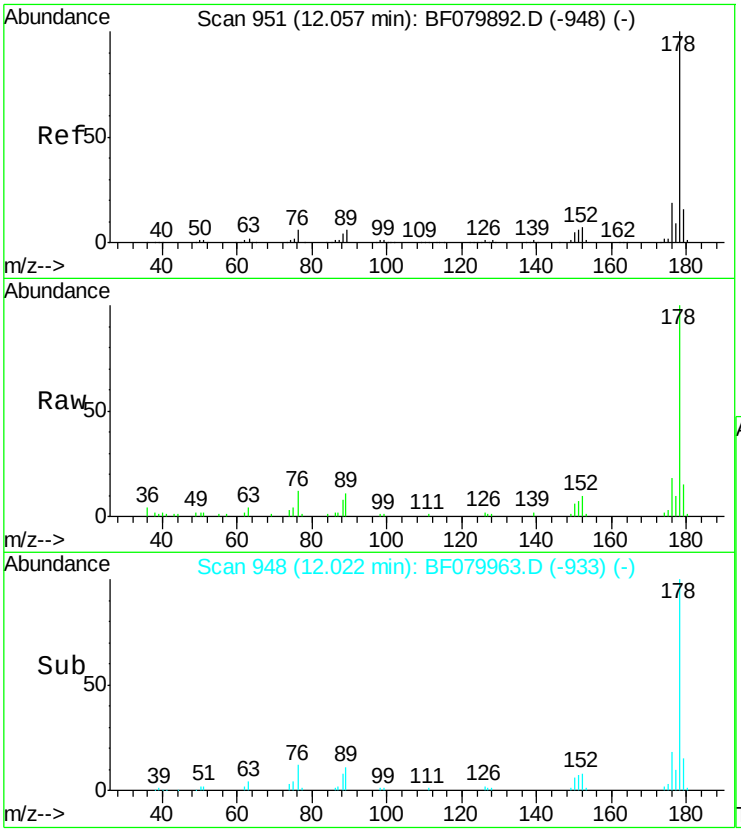


#70
Phenanthrene
Concen: 13.70 ng
RT: 11.98 min Scan# 944
Delta R.T. -0.02 min
Lab File: BF079963.D
Acq: 13 Jun 2015 7:17

Tgt Ion:178 Resp: 140046

Ion	Ratio	Lower	Upper
178	100		
176	17.8	15.9	23.9
179	15.1	12.3	18.5

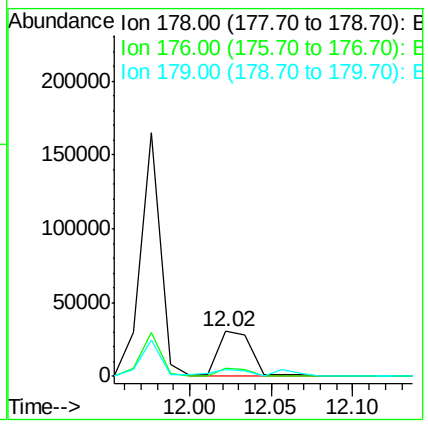




#71
Anthracene
Concen: 4.34 ng
RT: 12.02 min Scan# 948
Delta R.T. -0.03 min
Lab File: BF079963.D
Acq: 13 Jun 2015 7:17

Tgt Ion:178 Resp: 42982

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.2	22.8
179	15.5	12.5	18.7



Instrument :
BNA_F
ClientSampleId :
TEC-C1

Manual Integrations APPROVED
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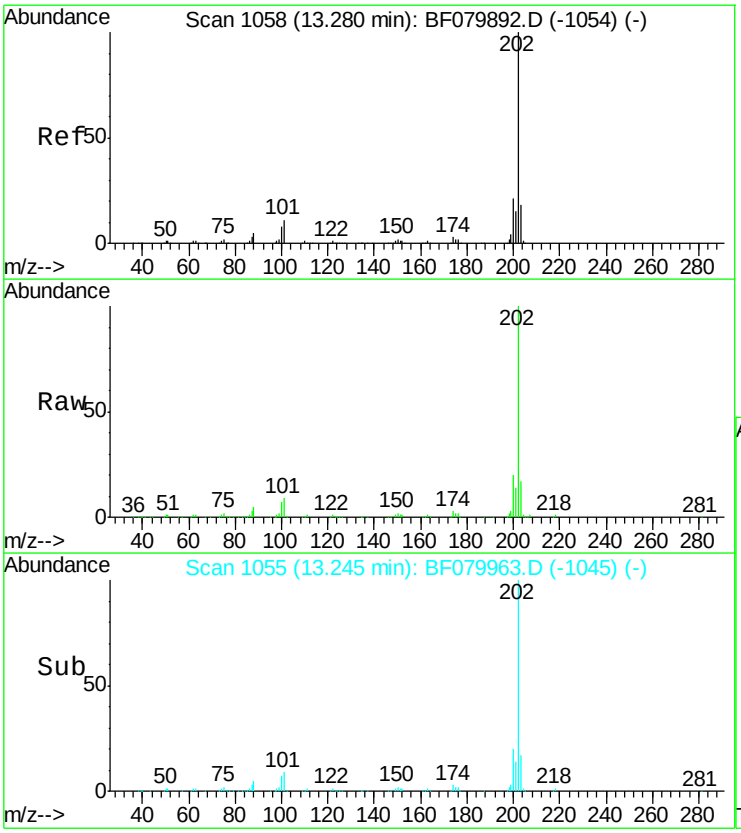
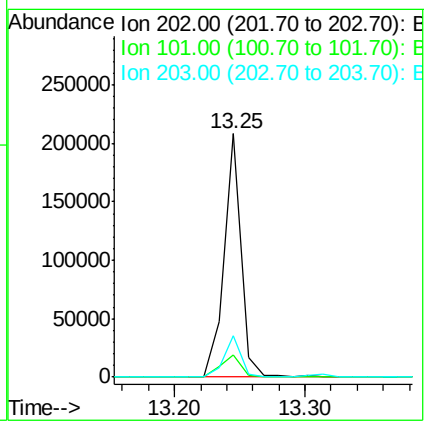
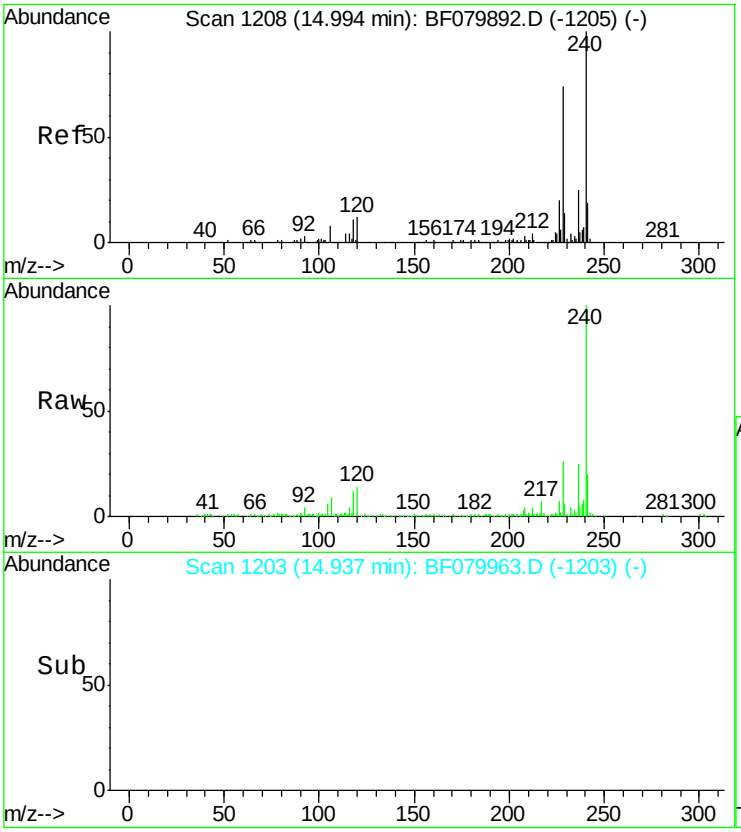


#74
Fluoranthene
Concen: 16.91 ng
RT: 13.25 min Scan# 1055
Delta R.T. -0.09 min
Lab File: BF079963.D
Acq: 13 Jun 2015 7:17

Tgt Ion:202 Resp: 191069

Ion	Ratio	Lower	Upper
202	100		
101	9.1	0.0	30.7
203	17.1	0.0	38.0

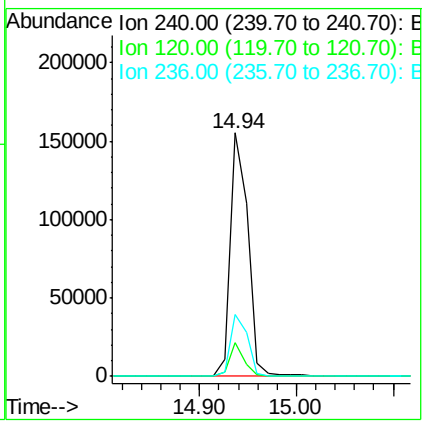




#75
Chrysene-d12
Concen: 20.00 ng m
RT: 14.94 min Scan# 1203
Delta R.T. -0.21 min
Lab File: BF079963.D
Acq: 13 Jun 2015 7:17

Tgt Ion:240 Resp: 199996

Ion	Ratio	Lower	Upper
240	100		
120	13.9	9.4	14.2
236	25.2	19.6	29.4



Instrument :
BNA_F
ClientSampleId :
TEC-C1

Manual Integrations APPROVED
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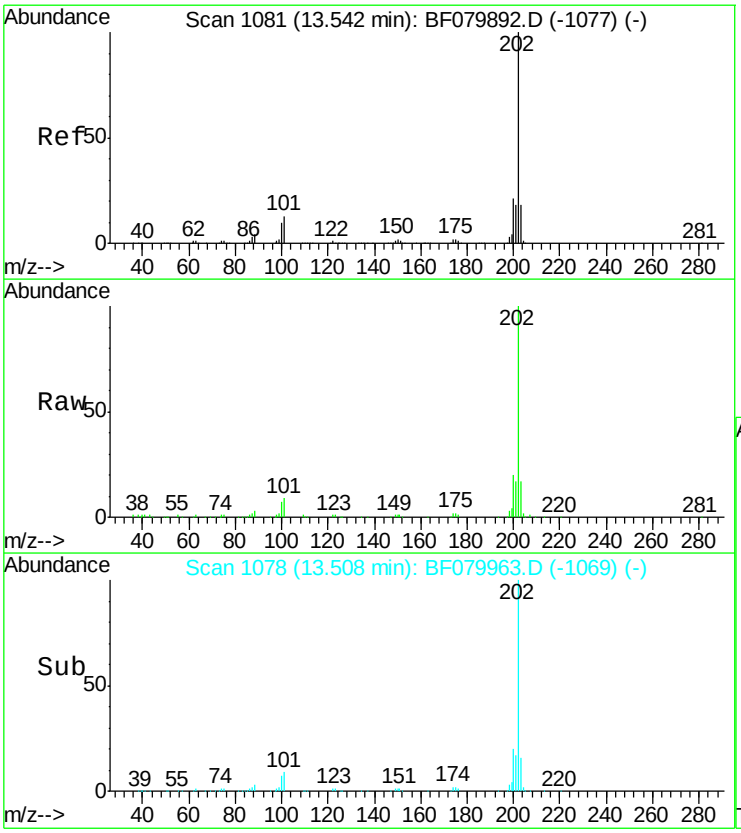
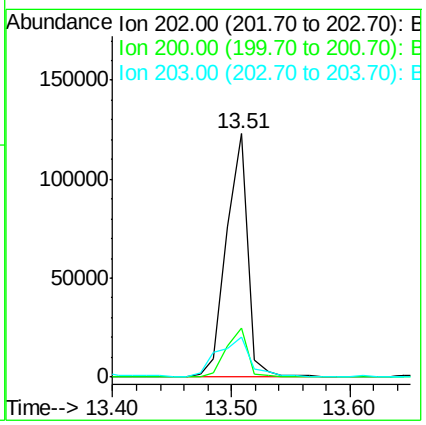
6/15/2015 1:00:26 PM

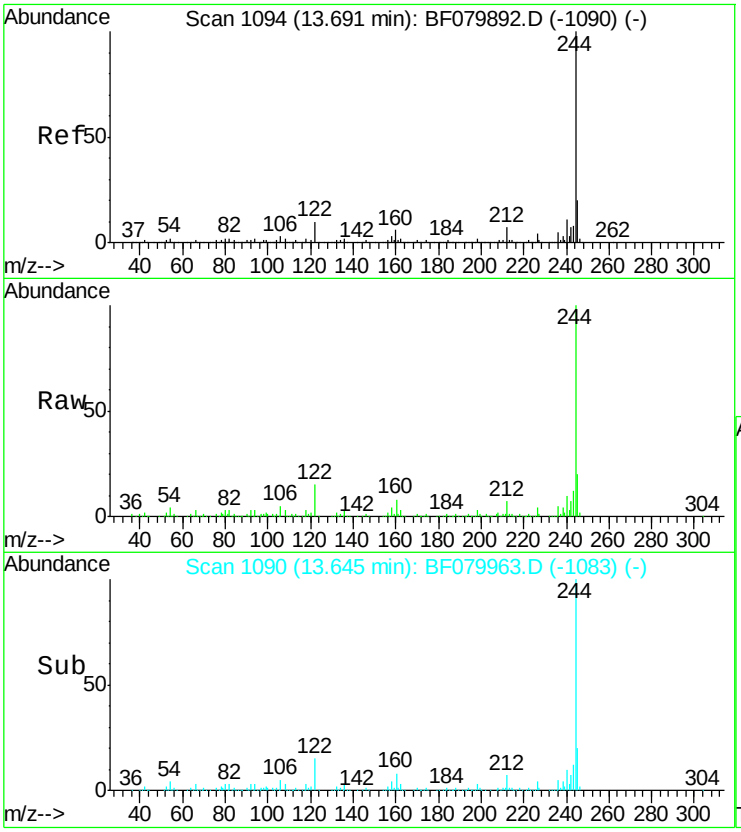


#77
Pyrene
Concen: 12.26 ng
RT: 13.51 min Scan# 1078
Delta R.T. -0.10 min
Lab File: BF079963.D
Acq: 13 Jun 2015 7:17

Tgt Ion:202 Resp: 153958

Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.8	25.2
203	16.7	14.4	21.6

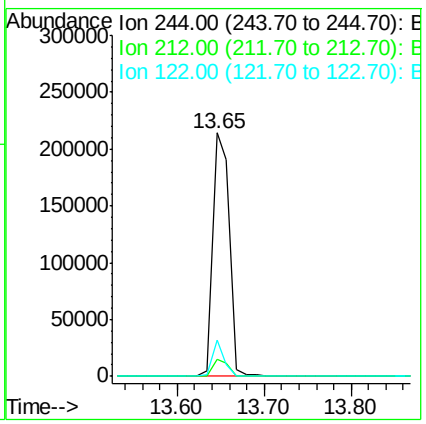




#78
Terphenyl-d14
Concen: 33.33 ng
RT: 13.65 min Scan# 1090
Delta R.T. -0.13 min
Lab File: BF079963.D
Acq: 13 Jun 2015 7:17

Tgt Ion:244 Resp: 289120

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.2
122	15.0	7.8	11.8#



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ClientSampleId :
TEC-C1

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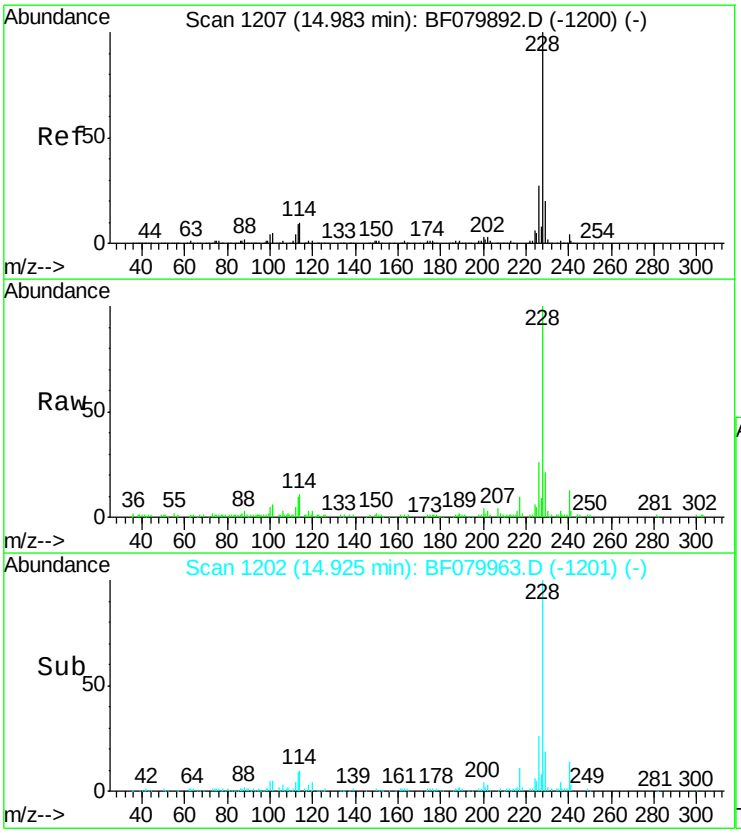
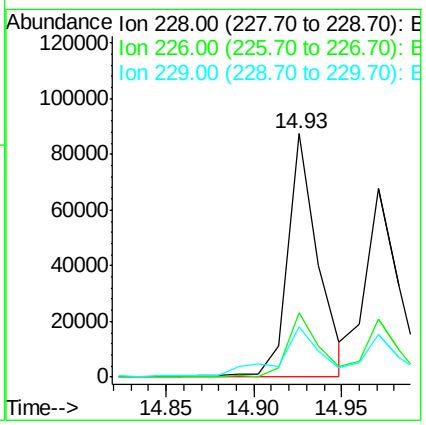
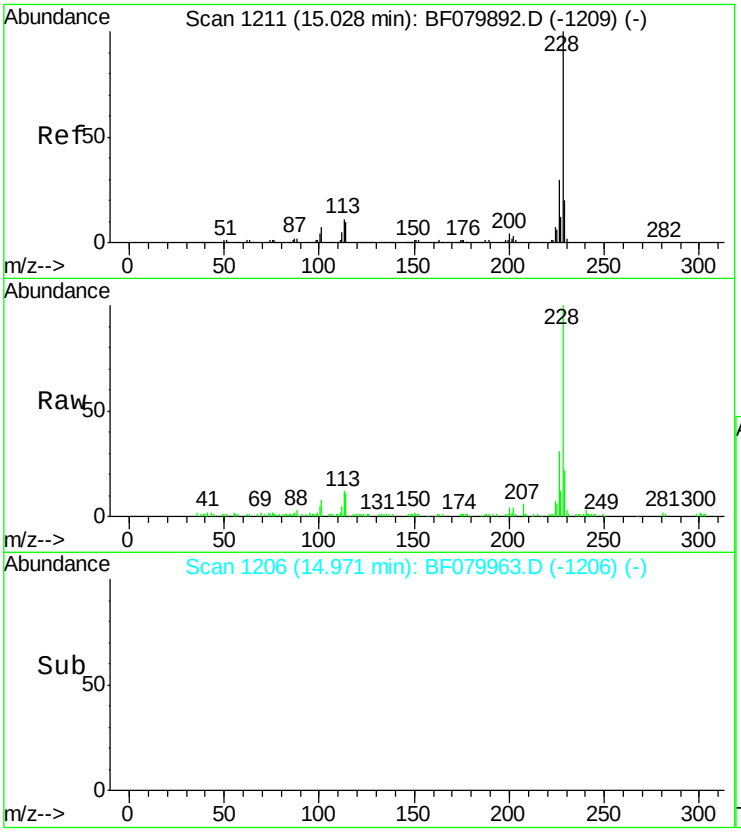


#80
Benzo(a)anthracene
Concen: 8.36 ng m
RT: 14.93 min Scan# 1202
Delta R.T. -0.19 min
Lab File: BF079963.D
Acq: 13 Jun 2015 7:17

Tgt Ion:228 Resp: 106202

Ion	Ratio	Lower	Upper
228	100		
226	26.4	21.8	32.8
229	20.9	15.9	23.9

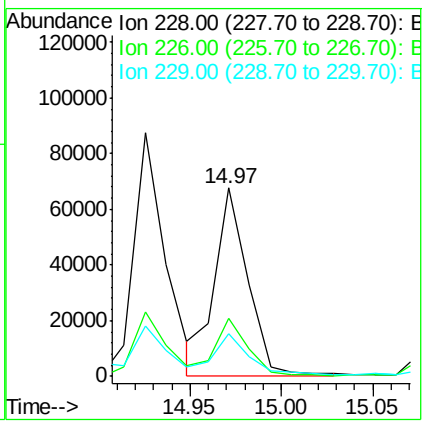




#82
Chrysene
Concen: 6.68 ng m
RT: 14.97 min Scan# 1206
Delta R.T. -0.21 min
Lab File: BF079963.D
Acq: 13 Jun 2015 7:17

Tgt Ion:228 Resp: 86733

Ion	Ratio	Lower	Upper
228	100		
226	31.1	23.9	35.9
229	22.4	16.1	24.1



Instrument :
BNA_F
ClientSampleId :
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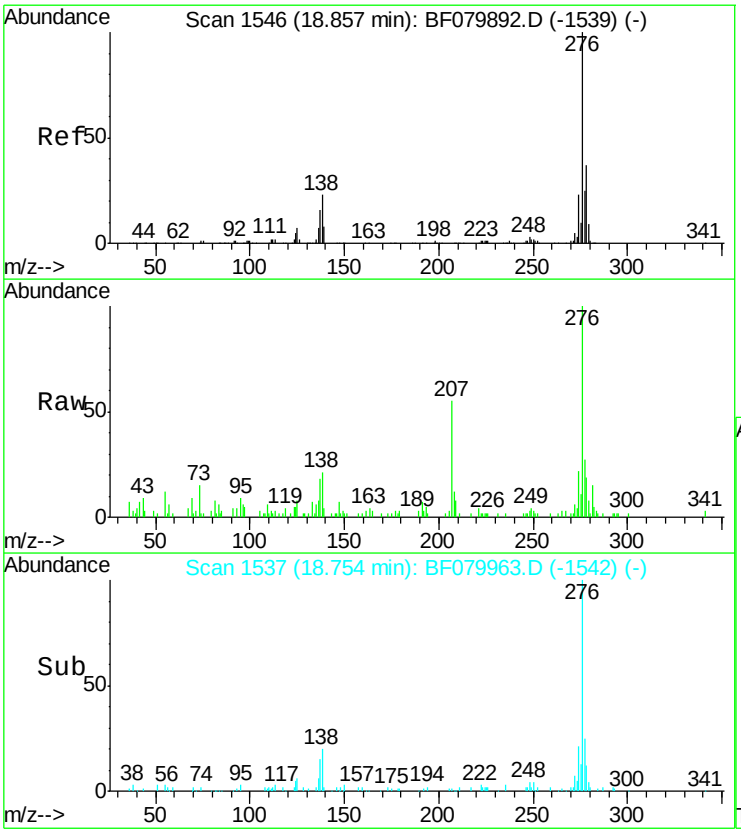
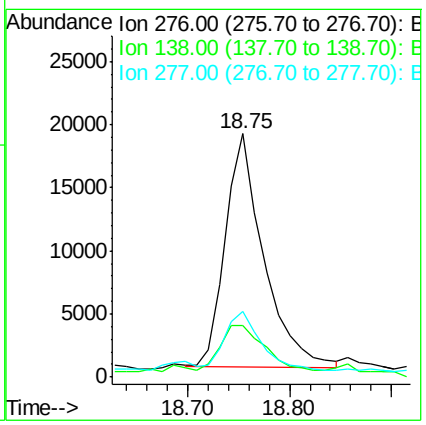
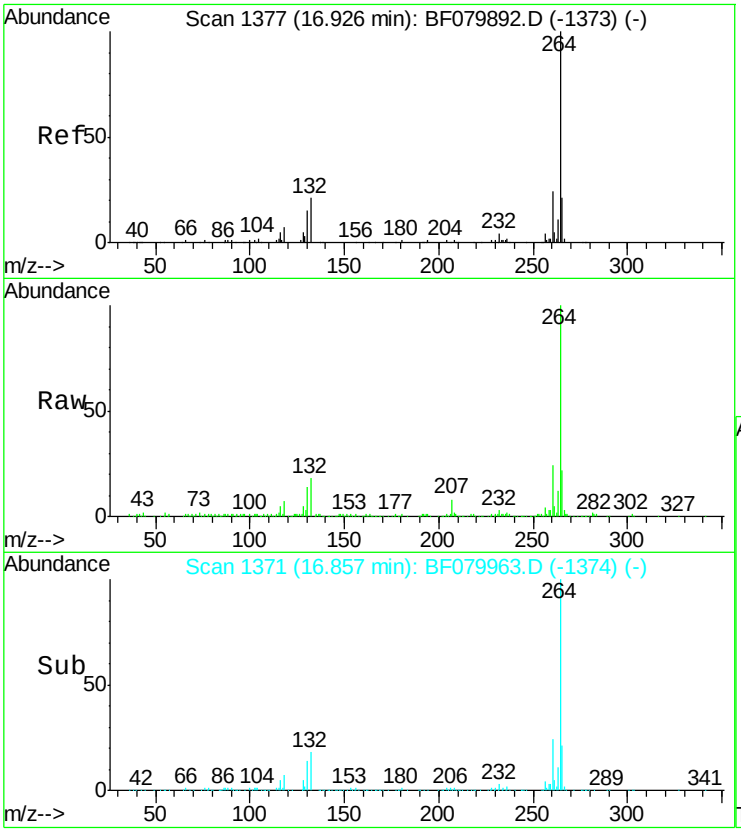


#85
Indeno(1,2,3-cd)pyrene
Concen: 3.64 ng m
RT: 18.75 min Scan# 1537
Delta R.T. -0.26 min
Lab File: BF079963.D
Acq: 13 Jun 2015 7:17

Tgt Ion:276 Resp: 48355

Ion	Ratio	Lower	Upper
276	100		
138	7.5	21.0	31.4#
277	1.5	19.9	29.9#

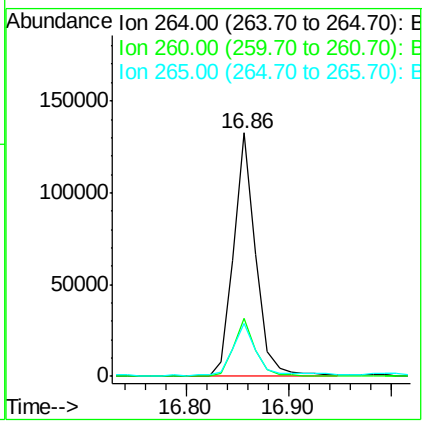




#86
Perylene-d12
Concen: 20.00 ng m
RT: 16.86 min Scan# 1371
Delta R.T. -0.24 min
Lab File: BF079963.D
Acq: 13 Jun 2015 7:17

Tgt Ion:264 Resp: 202779

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.3	28.9
265	21.9	17.0	25.6



Instrument :
BNA_F
ClientSampleId :
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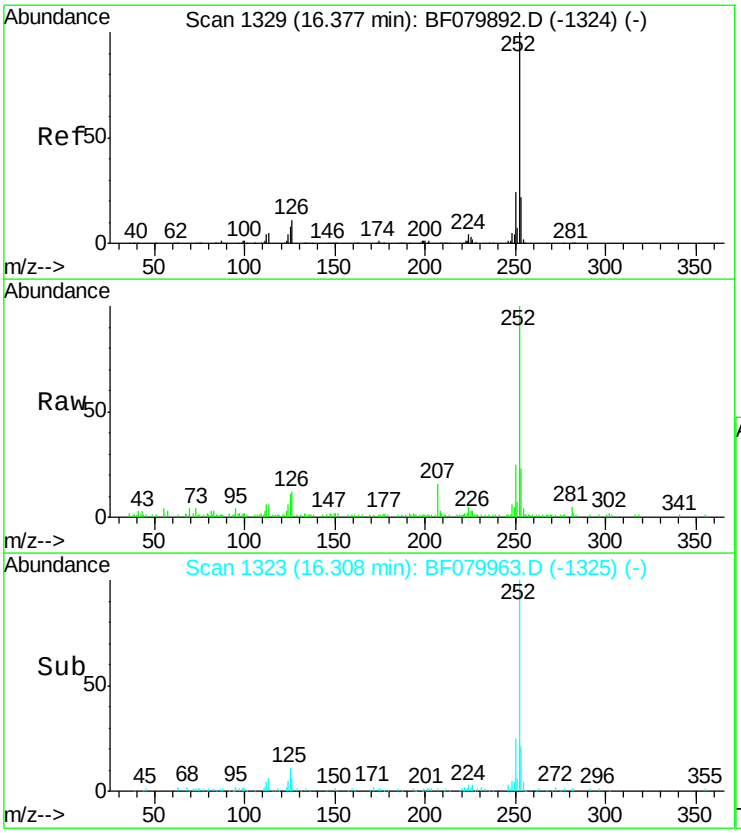
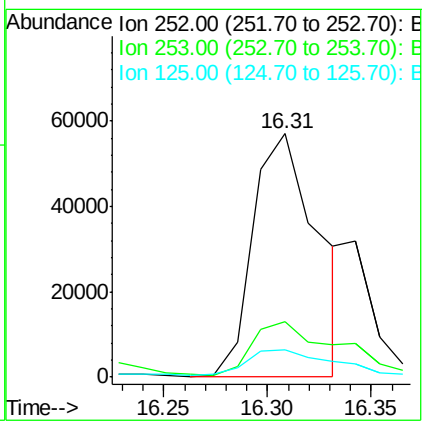
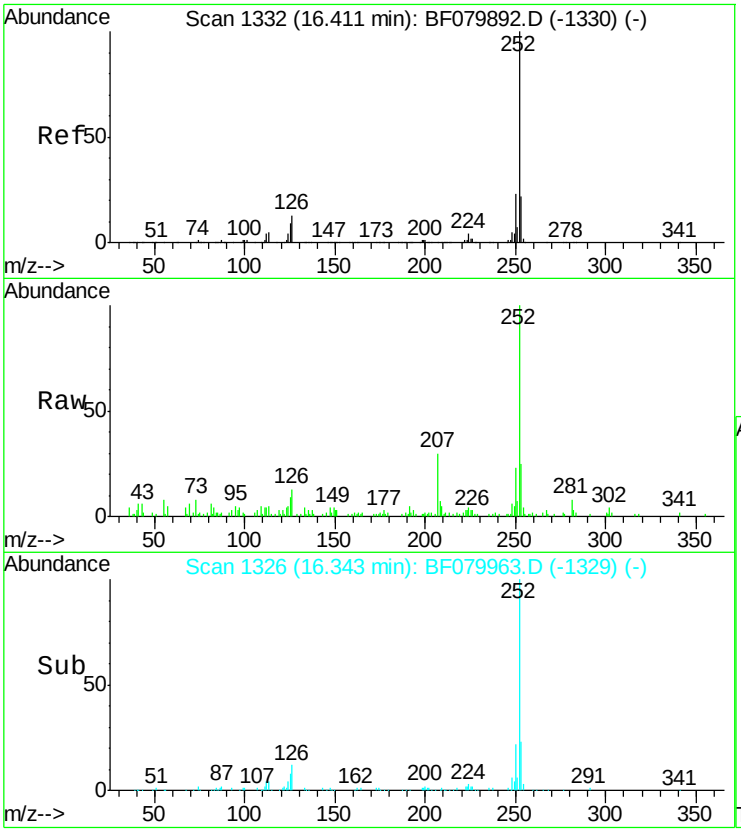


#87
Benzo(b)fluoranthene
Concen: 10.00 ng m
RT: 16.31 min Scan# 1323
Delta R.T. -0.23 min
Lab File: BF079963.D
Acq: 13 Jun 2015 7:17

Tgt Ion:252 Resp: 124233

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.8	26.6
125	11.4	6.5	9.7#

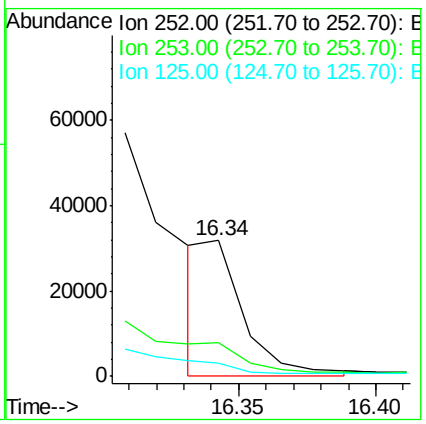




#88
Benzo(k)fluoranthene
Concen: 2.56 ng m
RT: 16.34 min Scan# 1326
Delta R.T. -0.24 min
Lab File: BF079963.D
Acq: 13 Jun 2015 7:17

Tgt Ion:252 Resp: 32477

Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.4	26.2
125	9.5	7.4	11.0



Instrument :
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ClientSampleId :
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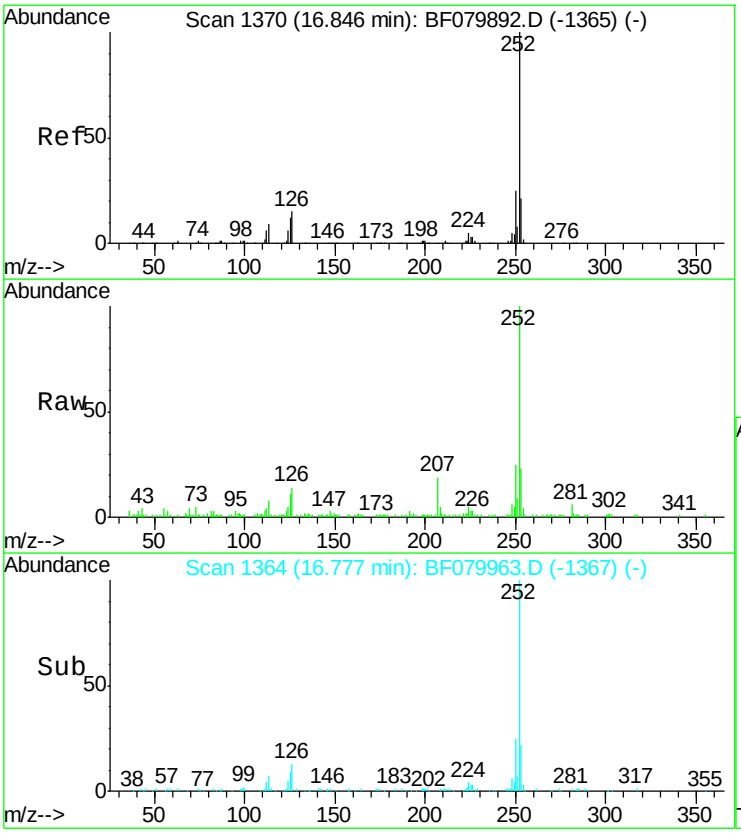
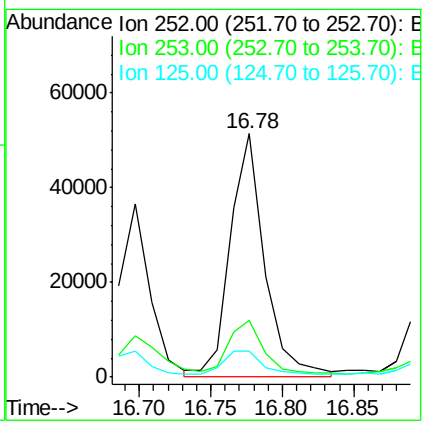
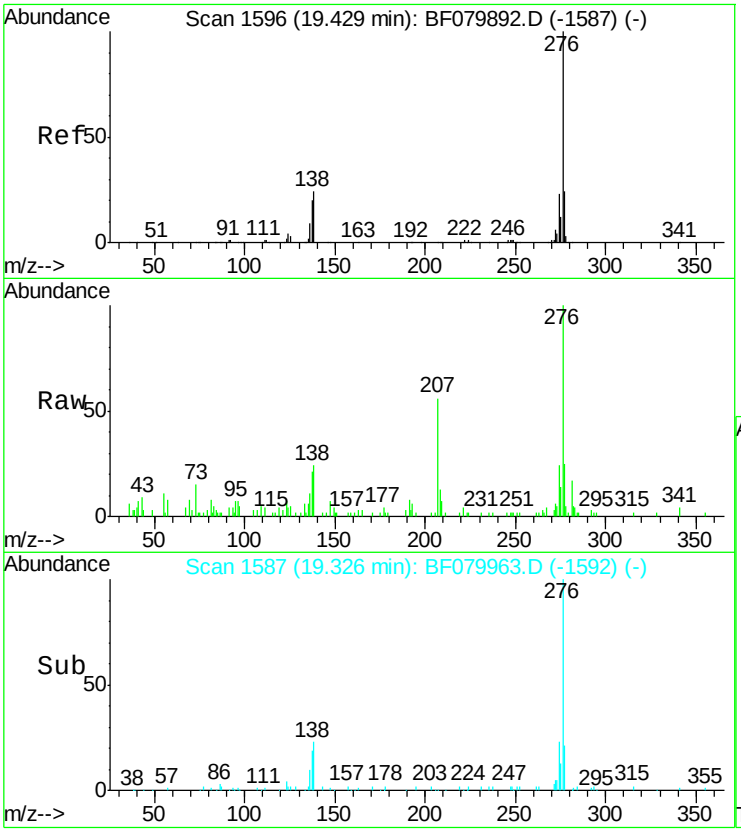


#89
Benzo(a)pyrene
Concen: 7.42 ng m
RT: 16.78 min Scan# 1364
Delta R.T. -0.24 min
Lab File: BF079963.D
Acq: 13 Jun 2015 7:17

Tgt Ion:252 Resp: 87660

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.0	25.6
125	10.6	9.7	14.5

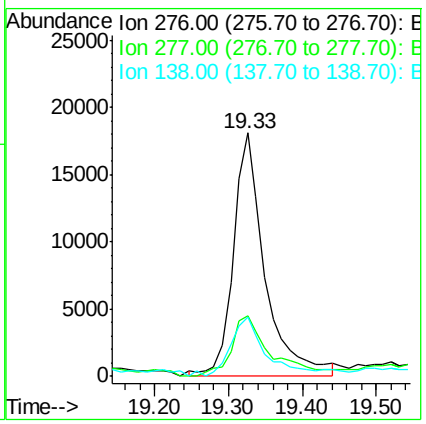




#91
Benzo(g,h,i)perylene
Concen: 4.50 ng m
RT: 19.33 min Scan# 1587
Delta R.T. -0.26 min
Lab File: BF079963.D
Acq: 13 Jun 2015 7:17

Tgt Ion:276 Resp: 54036

Ion	Ratio	Lower	Upper
276	100		
277	24.8	19.4	29.2
138	24.1	19.1	28.7



Instrument :
BNA_F
ClientSampleId :
TEC-C1

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