Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061215\
Data File : BF079962.D
Acq On : 13 Jun 2015 6:48
Operator : TP/IZ
Sample : G2592-06 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TEC-C2

Manual Integrations APPROVED
apatel
6/15/2015 1:00:22 PM

Quant Time: Jun 15 01:15:35 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	40385	20.00	ng	0.00
21) Naphthalene-d8	8.67	136	160628	20.00	ng	0.00
38) Acenaphthene-d10	10.44	164	86877	20.00	ng	0.00
63) Phenanthrene-d10	11.95	188	186047	20.00	ng	-0.02
75) Chrysene-d12	14.93	240	216797m	20.00	ng	-0.22
86) Perylene-d12	16.83	264	220458m	20.00	ng	-0.26
System Monitoring Compounds						
5) 2-Fluorophenol	5.99	112	173896	78.96	ng	0.00
7) Phenol-d6	6.97	99	230756	76.90	ng	0.00
23) Nitrobenzene-d5	7.93	82	119714	49.17	ng	0.00
41) 2,4,6-Tribromophenol	11.23	330	49031	57.73	ng	-0.01
44) 2-Fluorobiphenyl	9.75	172	247445	39.88	ng	0.00
78) Terphenyl-d14	13.65	244	312107	33.19	ng	-0.13
Target Compounds						Qvalue
49) Dimethylphthalate	10.12	163	42286	6.08	ng	99
70) Phenanthrene	11.98	178	134780	12.16	ng	97
71) Anthracene	12.02	178	40657	3.79	ng	98
74) Fluoranthene	13.23	202	428073	34.92	ng	95
77) Pyrene	13.50	202	421982	30.99	ng	99
80) Benzo(a)anthracene	14.91	228	350596m	25.47	ng	
82) Chrysene	14.96	228	278305m	22.24	ng	
83) Bis(2-ethylhexyl)phthalate	14.88	149	81908m	11.13	ng	
85) Indeno(1,2,3-cd)pyrene	18.73	276	225835m	15.66	ng	
87) Benzo(b)fluoranthene	16.27	252	419203m	31.03	ng	
88) Benzo(k)fluoranthene	16.30	252	182776m	13.27	ng	
89) Benzo(a)pyrene	16.75	252	286797m	22.32	ng	
90) Dibenzo(a,h)anthracene	18.74	278	48027m	3.80	ng	
91) Benzo(g,h,i)perylene	19.30	276	205296m	15.71	ng	

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061215\
Data File : BF079962.D
Acq On : 13 Jun 2015 6:48
Operator : TP/IZ
Sample : G2592-06 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Jun 15 01:15:35 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-C2

Manual Integrations APPROVED
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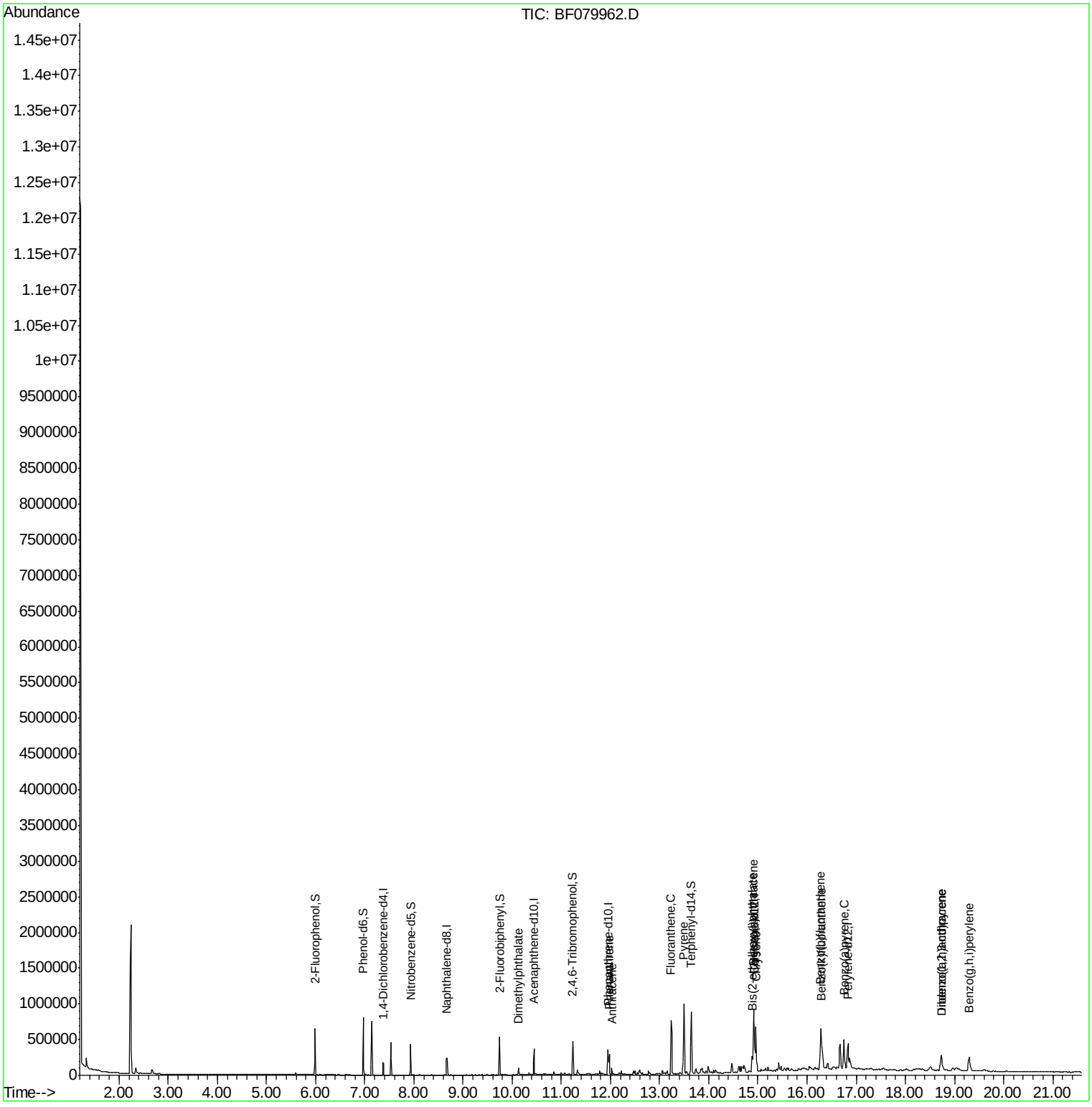
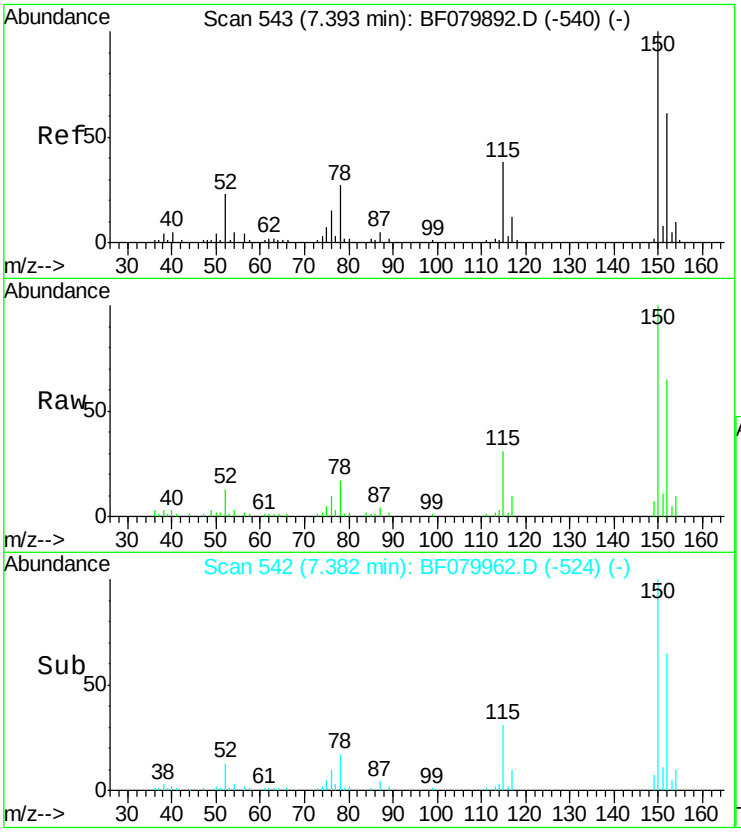
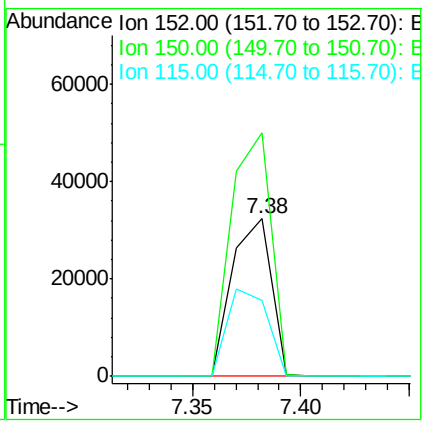




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.38 min Scan# 542
Delta R.T. 0.00 min
Lab File: BF079962.D
Acq: 13 Jun 2015 6:48

Tgt Ion:152 Resp: 40385

Ion	Ratio	Lower	Upper
152	100		
150	154.7	131.0	196.4
115	48.0	49.8	74.6#



Instrument :
BNA_F
ClientSampleId :
TEC-C2

Manual Integrations APPROVED
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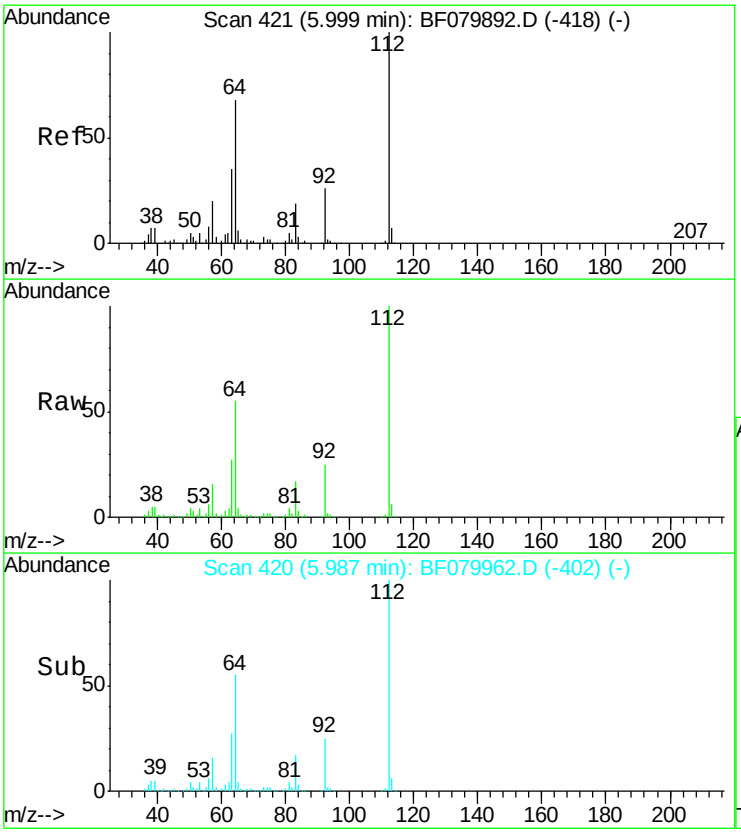
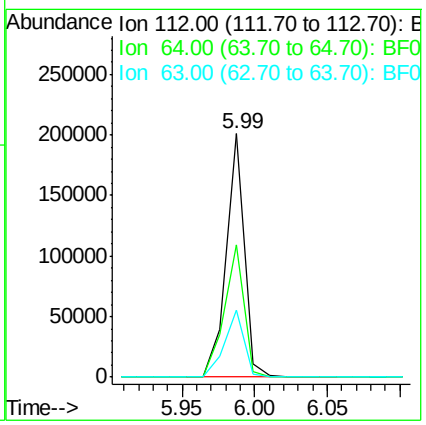
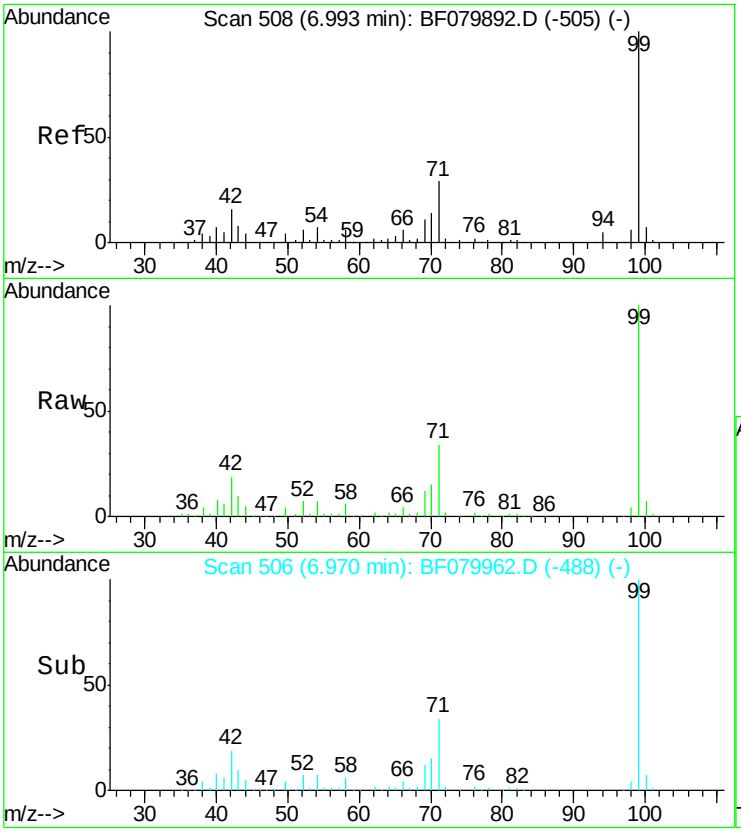


#5
2-Fluorophenol
Concen: 78.96 ng
RT: 5.99 min Scan# 420
Delta R.T. 0.00 min
Lab File: BF079962.D
Acq: 13 Jun 2015 6:48

Tgt Ion:112 Resp: 173896

Ion	Ratio	Lower	Upper
112	100		
64	54.6	54.5	81.7
63	27.3	27.9	41.9#

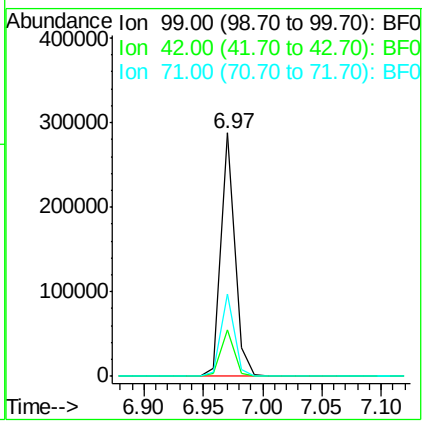




#7
Phenol-d6
Concen: 76.90 ng
RT: 6.97 min Scan# 506
Delta R.T. 0.00 min
Lab File: BF079962.D
Acq: 13 Jun 2015 6:48

Tgt Ion: 99 Resp: 230756

Ion	Ratio	Lower	Upper
99	100		
42	19.2	12.9	19.3
71	34.1	23.4	35.2



Instrument :
BNA_F
ClientSampleId :
TEC-C2

Manual Integrations APPROVED
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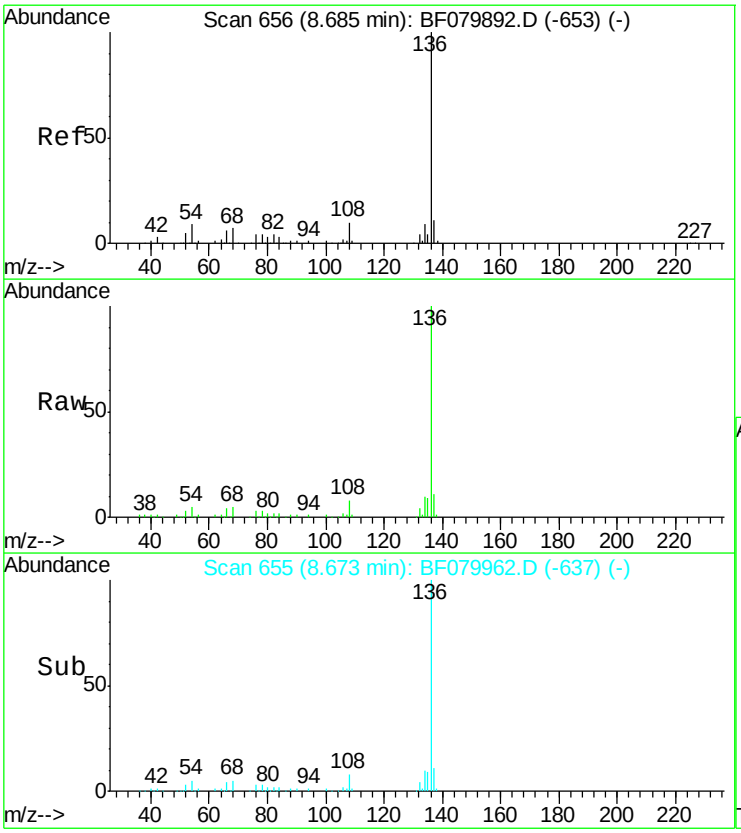
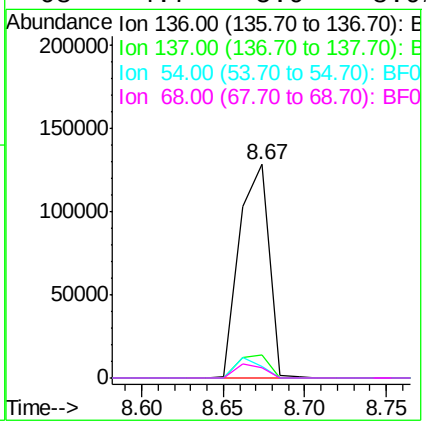
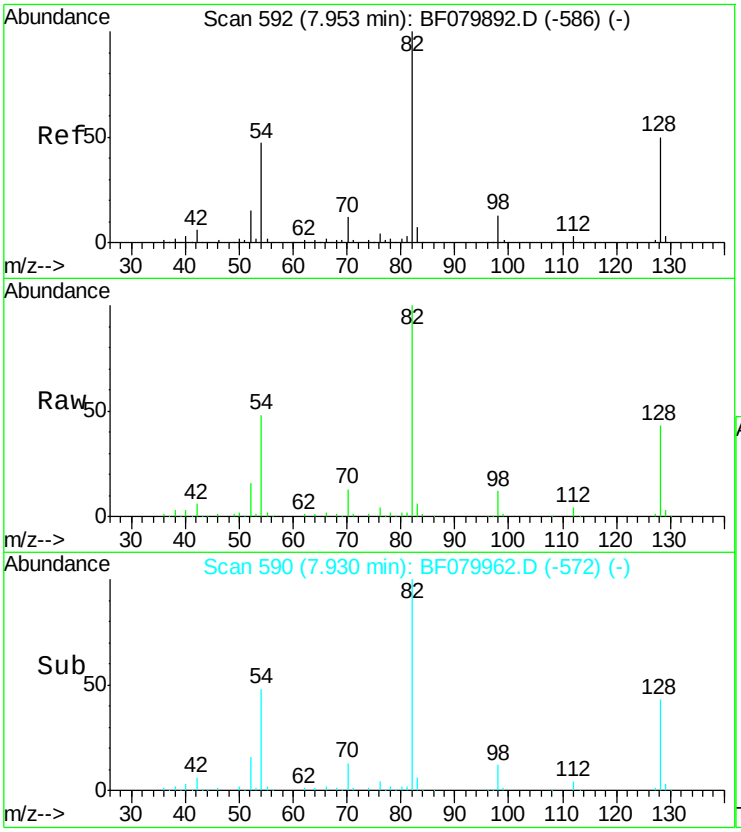


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.67 min Scan# 655
Delta R.T. 0.00 min
Lab File: BF079962.D
Acq: 13 Jun 2015 6:48

Tgt Ion:136 Resp: 160628

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.7	13.1
54	5.5	7.3	10.9#
68	4.7	5.9	8.9#

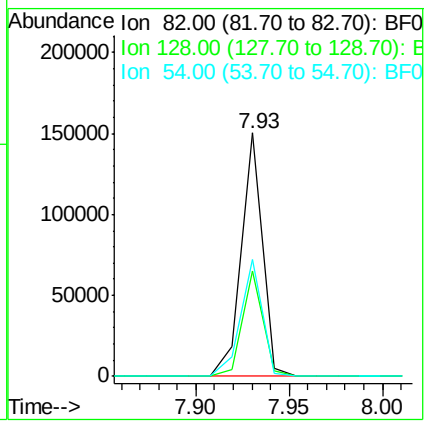




#23
Nitrobenzene-d5
Concen: 49.17 ng
RT: 7.93 min Scan# 590
Delta R.T. 0.00 min
Lab File: BF079962.D
Acq: 13 Jun 2015 6:48

Tgt Ion: 82 Resp: 119714

Ion	Ratio	Lower	Upper
82	100		
128	43.4	40.3	60.5
54	47.8	38.0	57.0



Instrument :
BNA_F
ClientSampleId :
TEC-C2

Manual Integrations APPROVED
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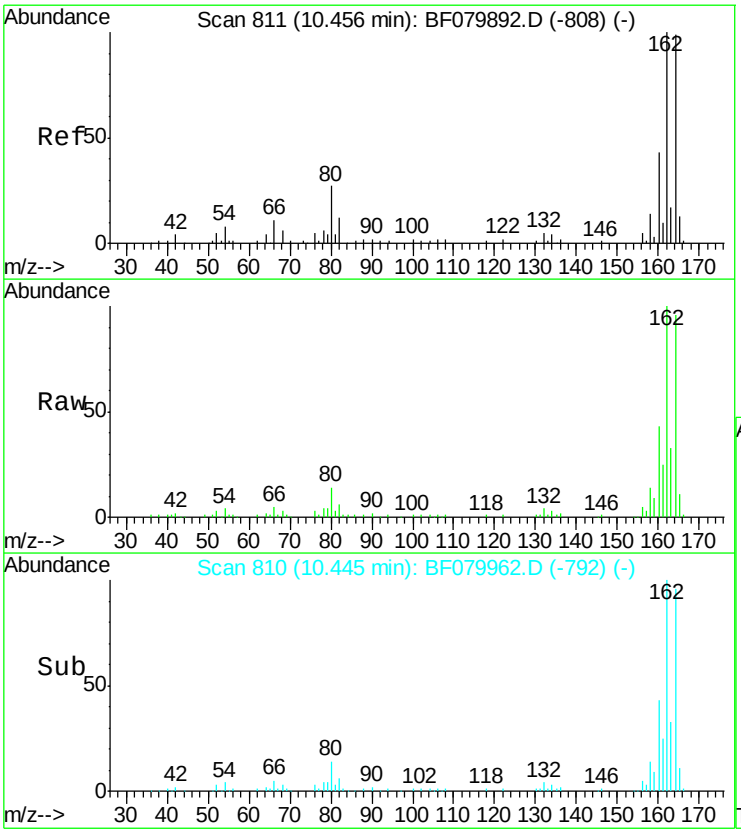
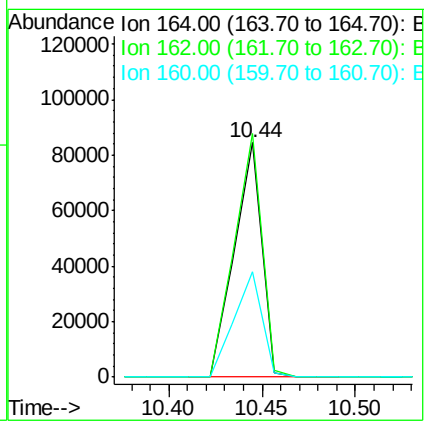
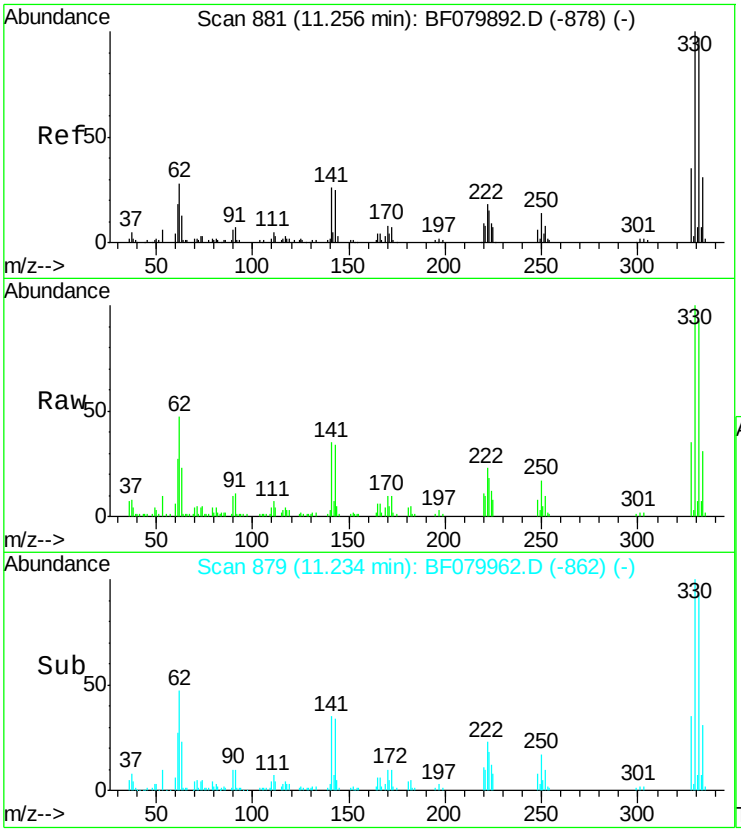


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.44 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF079962.D
Acq: 13 Jun 2015 6:48

Tgt Ion:164 Resp: 86877

Ion	Ratio	Lower	Upper
164	100		
162	104.0	80.7	121.1
160	44.8	34.6	51.8

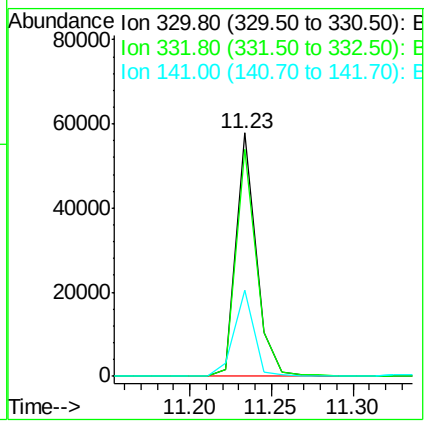




#41
2,4,6-Tribromophenol
Concen: 57.73 ng
RT: 11.23 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF079962.D
Acq: 13 Jun 2015 6:48

Tgt Ion:330 Resp: 49031

Ion	Ratio	Lower	Upper
330	100		
332	94.8	77.3	115.9
141	34.9	26.8	40.2



Instrument :
BNA_F
ClientSampleId :
TEC-C2

Manual Integrations APPROVED
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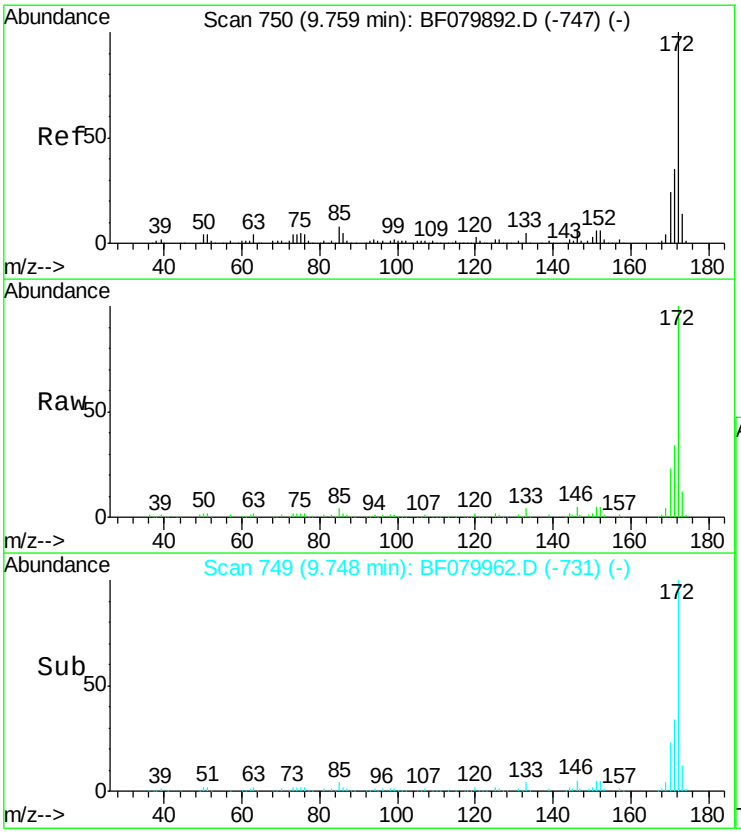
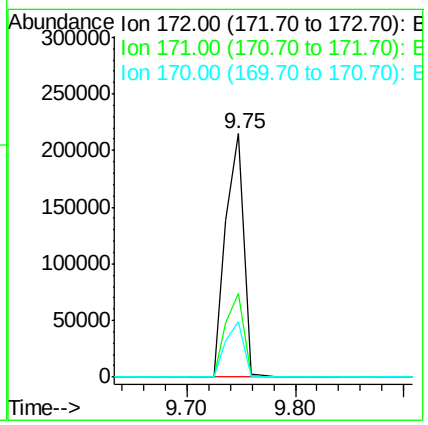
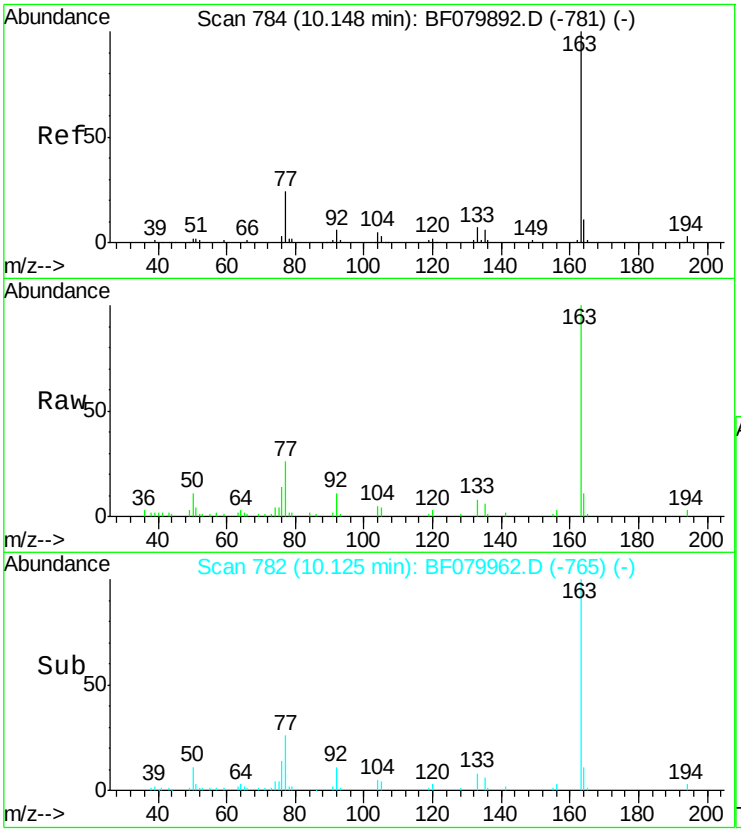


#44
2-Fluorobiphenyl
Concen: 39.88 ng
RT: 9.75 min Scan# 749
Delta R.T. 0.00 min
Lab File: BF079962.D
Acq: 13 Jun 2015 6:48

Tgt Ion:172 Resp: 247445

Ion	Ratio	Lower	Upper
172	100		
171	34.1	28.3	42.5
170	22.7	19.0	28.4

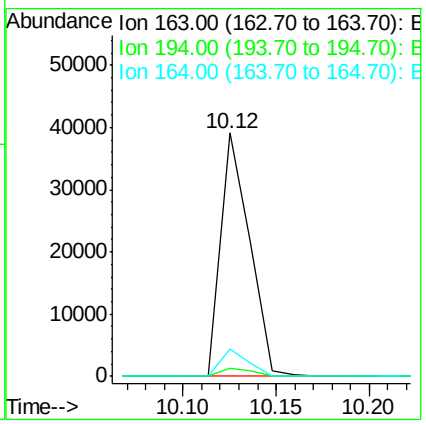




#49
Dimethylphthalate
Concen: 6.08 ng
RT: 10.12 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF079962.D
Acq: 13 Jun 2015 6:48

Tgt Ion:163 Resp: 42286

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.6	4.0
164	11.0	8.6	12.8



Instrument :
BNA_F
ClientSampleId :
TEC-C2

Manual Integrations APPROVED
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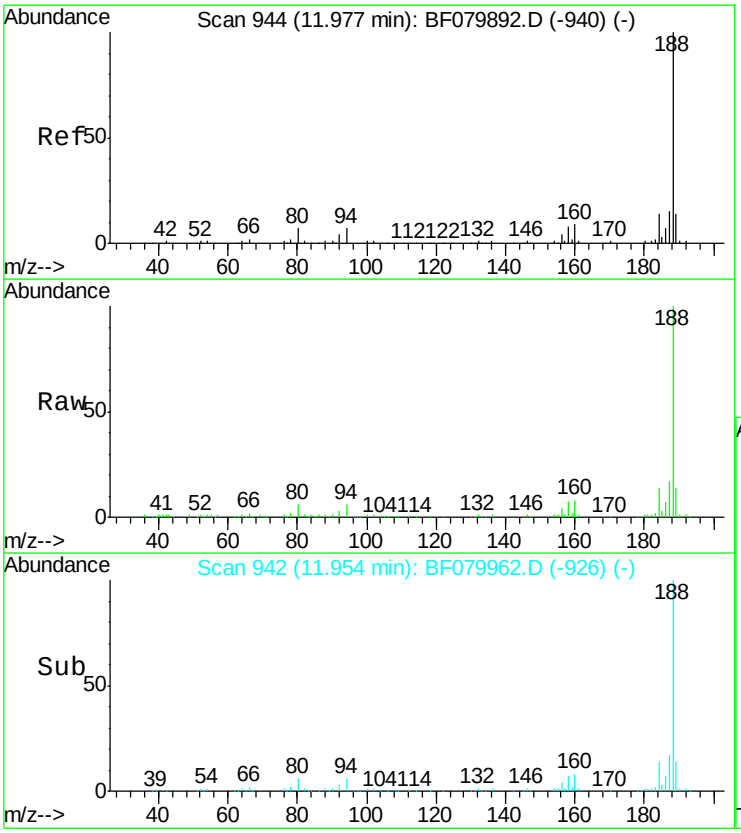
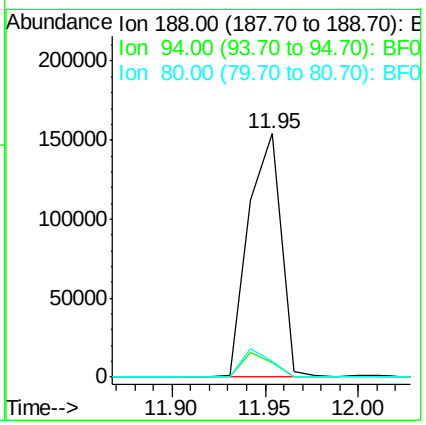
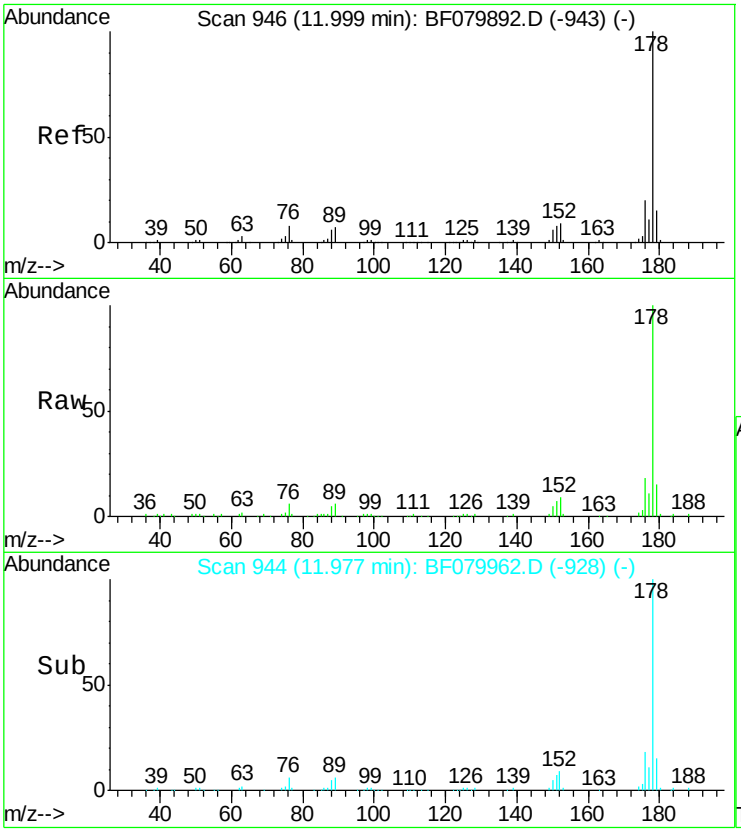


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.95 min Scan# 942
Delta R.T. -0.02 min
Lab File: BF079962.D
Acq: 13 Jun 2015 6:48

Tgt Ion:188 Resp: 186047

Ion	Ratio	Lower	Upper
188	100		
94	6.0	5.8	8.8
80	6.4	5.9	8.9

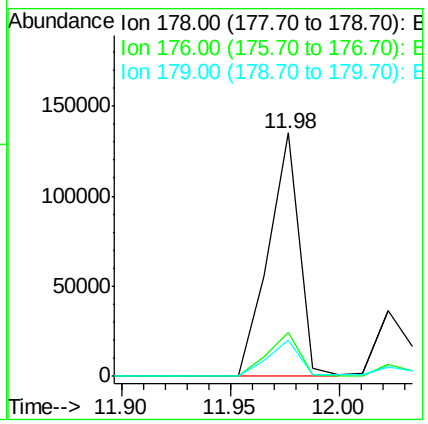




#70
Phenanthrene
Concen: 12.16 ng
RT: 11.98 min Scan# 944
Delta R.T. -0.02 min
Lab File: BF079962.D
Acq: 13 Jun 2015 6:48

Tgt Ion:178 Resp: 134780

Ion	Ratio	Lower	Upper
178	100		
176	17.9	15.9	23.9
179	15.0	12.3	18.5



Instrument :
BNA_F
ClientSampleId :
TEC-C2

Manual Integrations APPROVED
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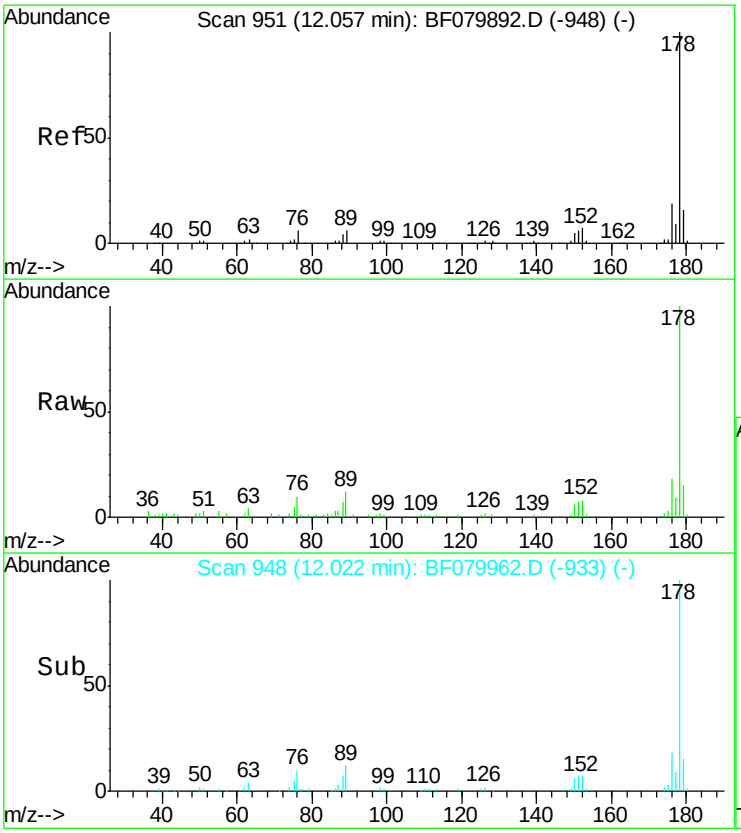
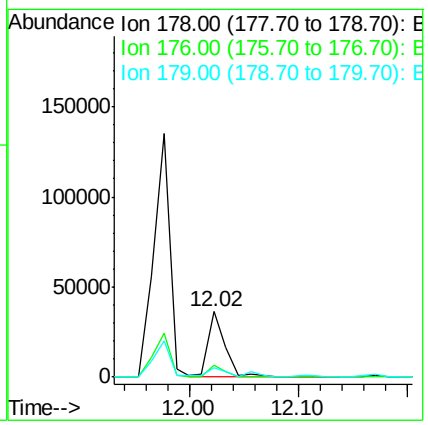
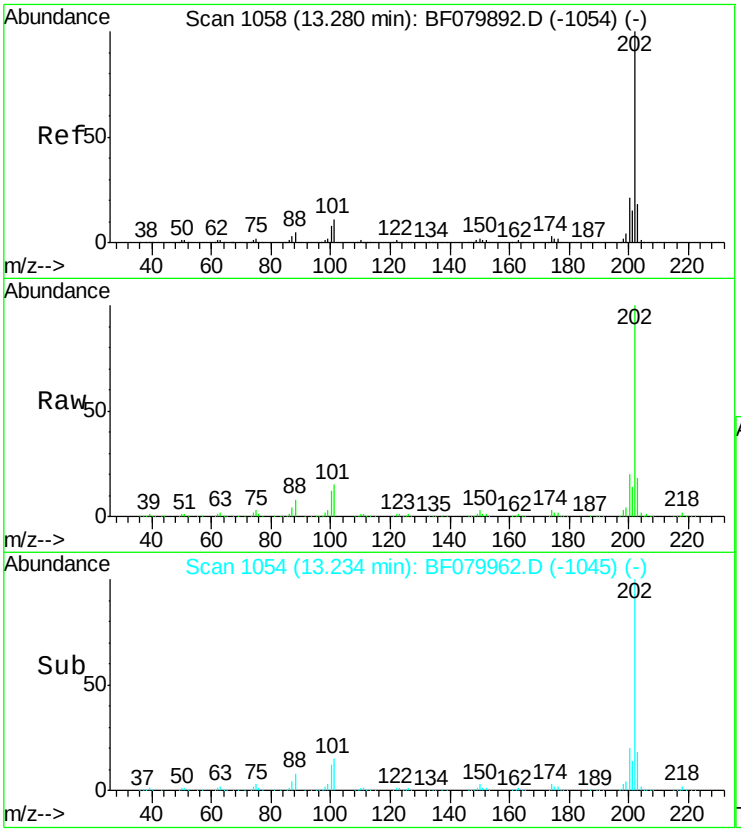


#71
Anthracene
Concen: 3.79 ng
RT: 12.02 min Scan# 948
Delta R.T. -0.03 min
Lab File: BF079962.D
Acq: 13 Jun 2015 6:48

Tgt Ion:178 Resp: 40657

Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.2	22.8
179	14.9	12.5	18.7

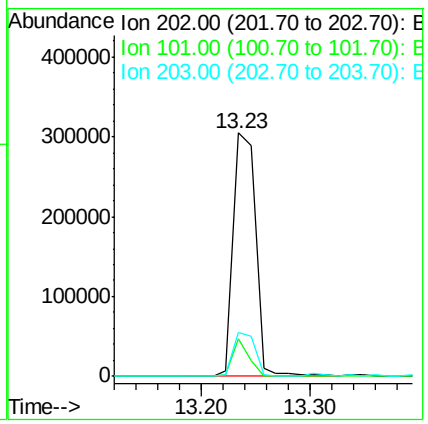




#74
Fluoranthene
Concen: 34.92 ng
RT: 13.23 min Scan# 1054
Delta R.T. -0.10 min
Lab File: BF079962.D
Acq: 13 Jun 2015 6:48

Tgt Ion:202 Resp: 428073

Ion	Ratio	Lower	Upper
202	100		
101	15.5	0.0	30.7
203	18.1	0.0	38.0



Instrument :
BNA_F
ClientSampleId :
TEC-C2

Manual Integrations APPROVED
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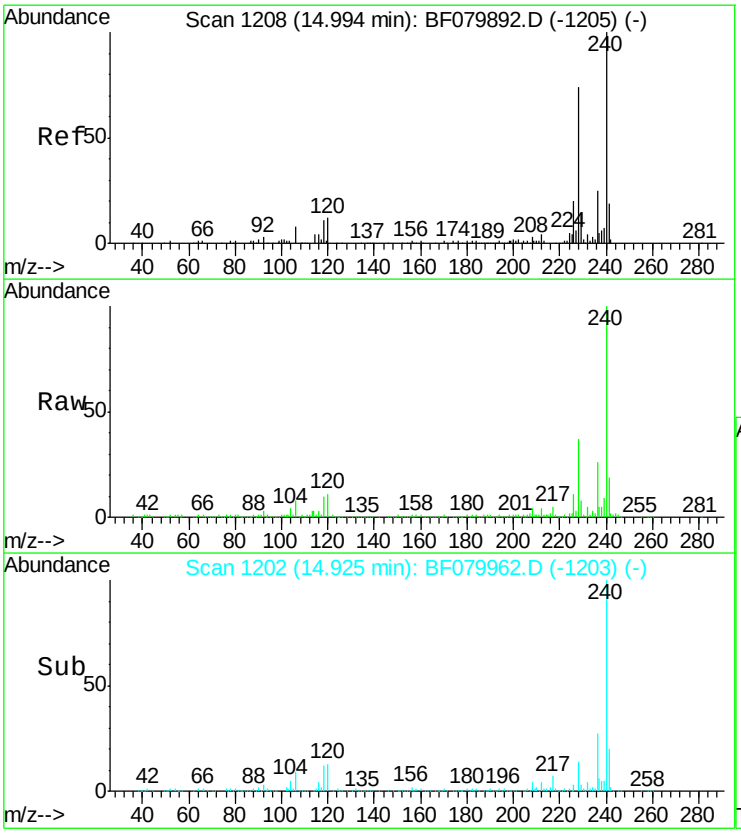
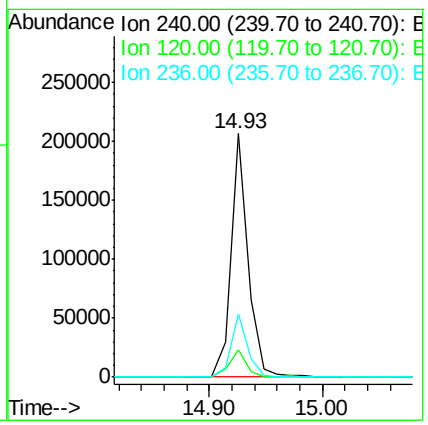
6/15/2015 1:00:22 PM

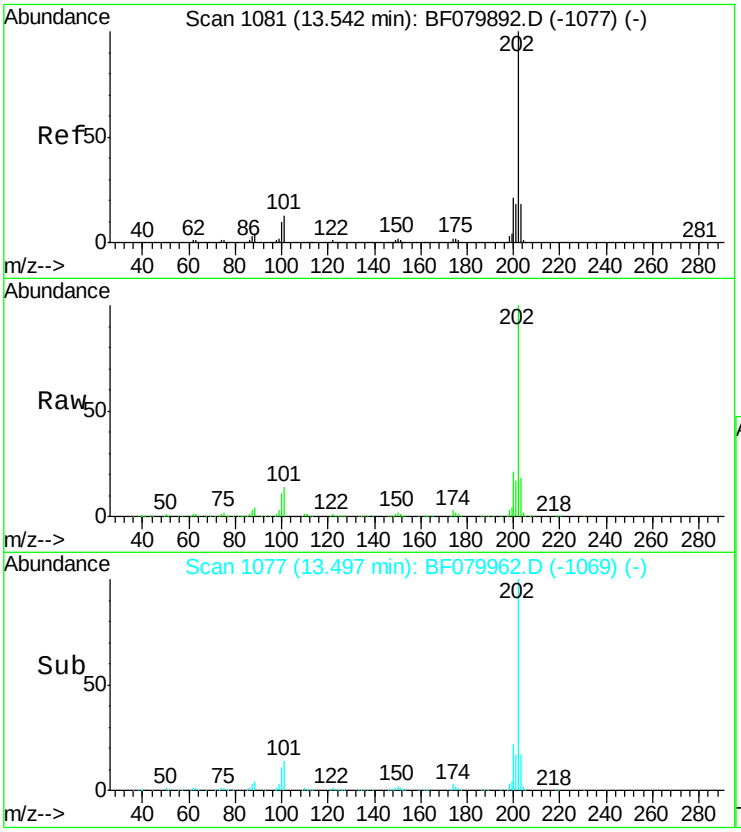


#75
Chrysene-d12
Concen: 20.00 ng m
RT: 14.93 min Scan# 1202
Delta R.T. -0.22 min
Lab File: BF079962.D
Acq: 13 Jun 2015 6:48

Tgt Ion:240 Resp: 216797

Ion	Ratio	Lower	Upper
240	100		
120	11.1	9.4	14.2
236	25.8	19.6	29.4

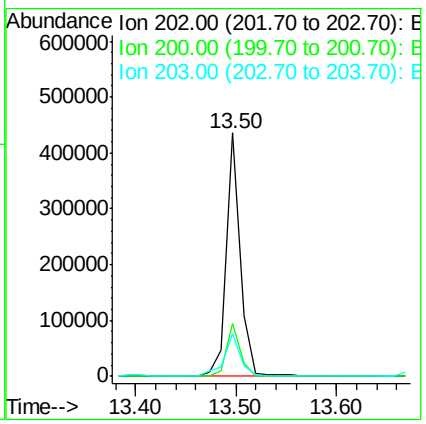




#77
Pyrene
Concen: 30.99 ng
RT: 13.50 min Scan# 1077
Delta R.T. -0.11 min
Lab File: BF079962.D
Acq: 13 Jun 2015 6:48

Tgt Ion:202 Resp: 421982

Ion	Ratio	Lower	Upper
202	100		
200	21.5	16.8	25.2
203	17.7	14.4	21.6



Instrument :
BNA_F
ClientSampleId :
TEC-C2

Manual Integrations APPROVED
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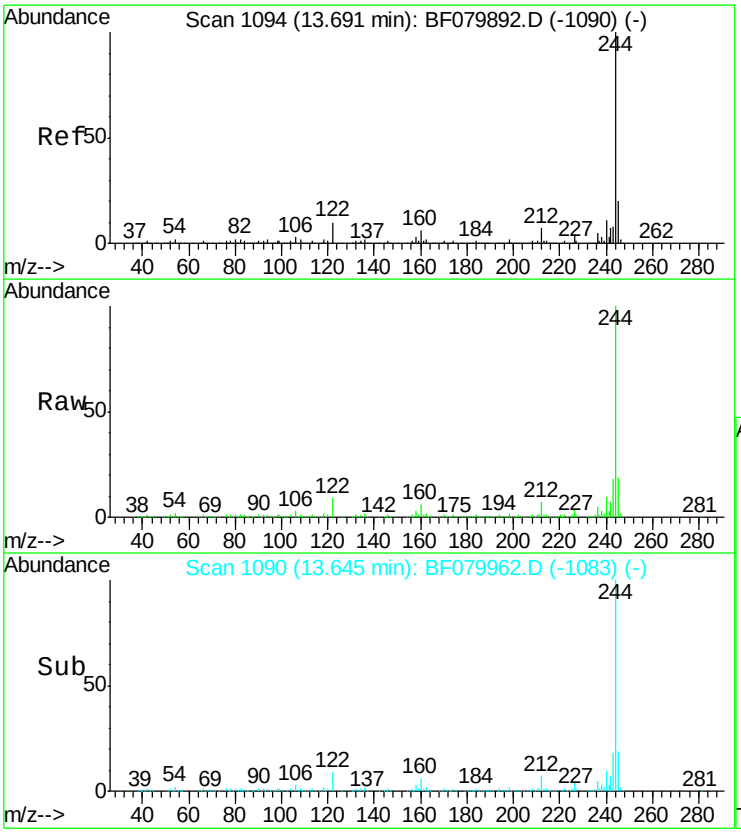
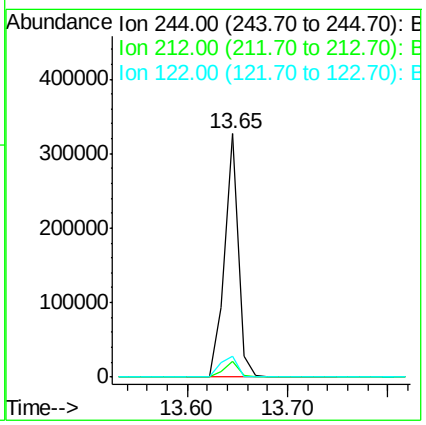
6/15/2015 1:00:22 PM

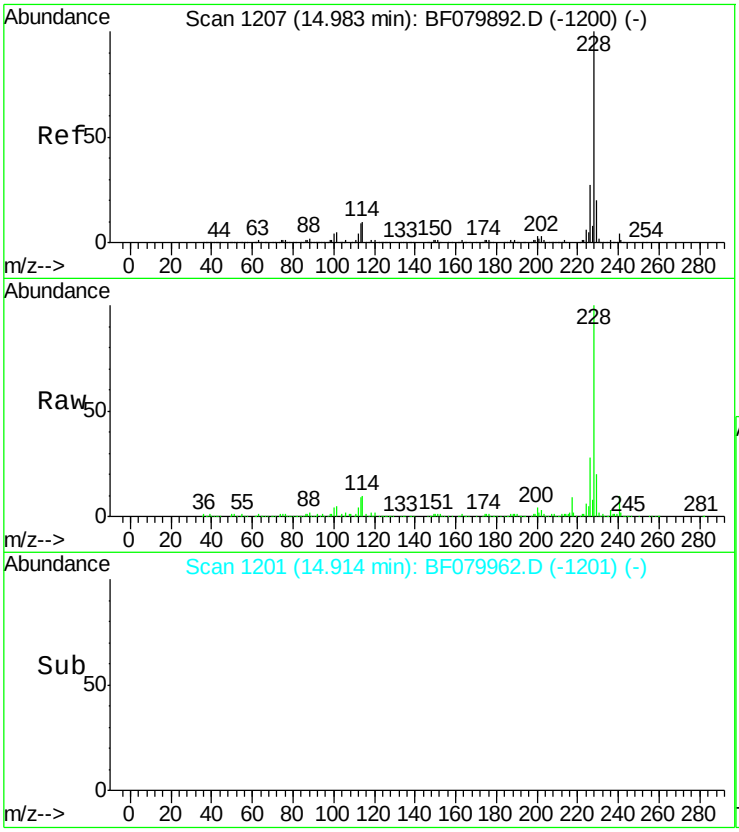


#78
Terphenyl-d14
Concen: 33.19 ng
RT: 13.65 min Scan# 1090
Delta R.T. -0.13 min
Lab File: BF079962.D
Acq: 13 Jun 2015 6:48

Tgt Ion:244 Resp: 312107

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.2
122	8.6	7.8	11.8

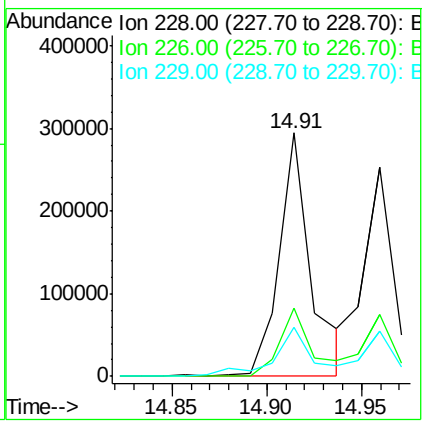




#80
Benzo(a)anthracene
Concen: 25.47 ng m
RT: 14.91 min Scan# 1201
Delta R.T. -0.21 min
Lab File: BF079962.D
Acq: 13 Jun 2015 6:48

Tgt Ion:228 Resp: 350596

Ion	Ratio	Lower	Upper
228	100		
226	27.8	21.8	32.8
229	20.4	15.9	23.9



Instrument :
BNA_F
ClientSampleId :
TEC-C2

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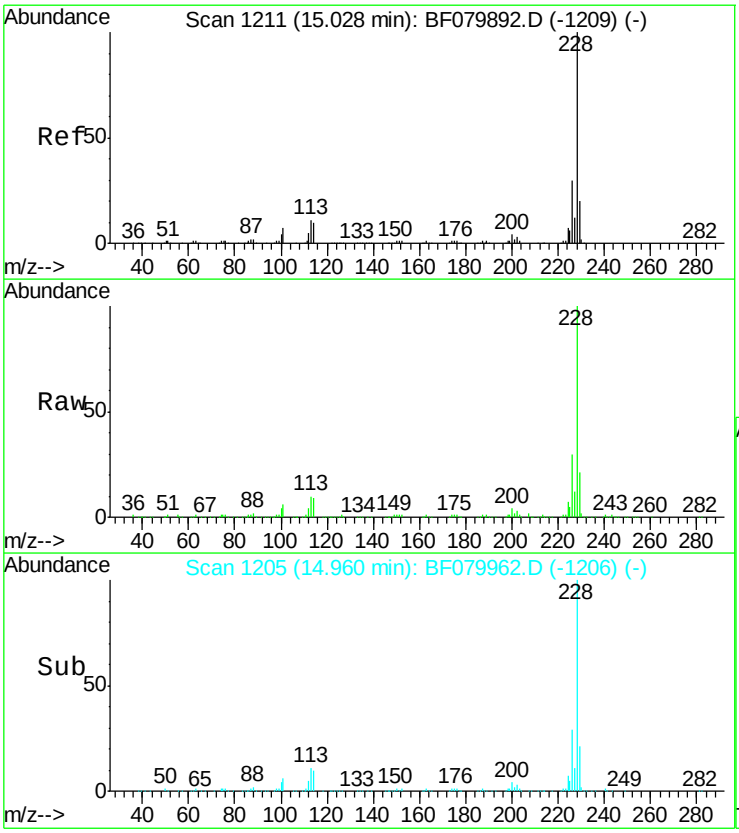
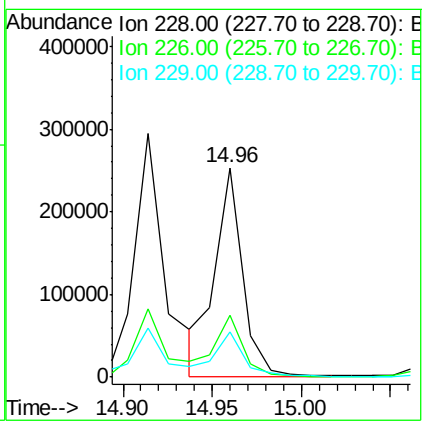
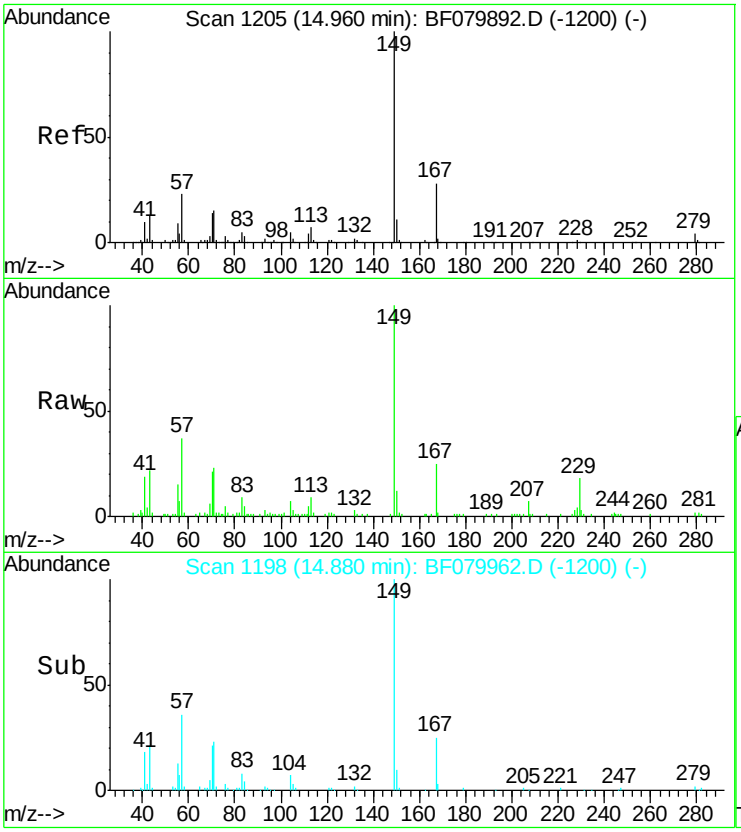


#82
Chrysene
Concen: 22.24 ng m
RT: 14.96 min Scan# 1205
Delta R.T. -0.22 min
Lab File: BF079962.D
Acq: 13 Jun 2015 6:48

Tgt Ion:228 Resp: 278305

Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.9	35.9
229	21.4	16.1	24.1





#83
Bis(2-ethylhexyl)phthalate
Concen: 11.13 ng m
RT: 14.88 min Scan# 1198
Delta R.T. -0.23 min
Lab File: BF079962.D
Acq: 13 Jun 2015 6:48

Tgt Ion:149 Resp: 81908

Ion	Ratio	Lower	Upper
149	100		
167	25.1	22.2	33.4
279	2.1	3.1	4.7#

Instrument :
BNA_F
ClientSampleId :
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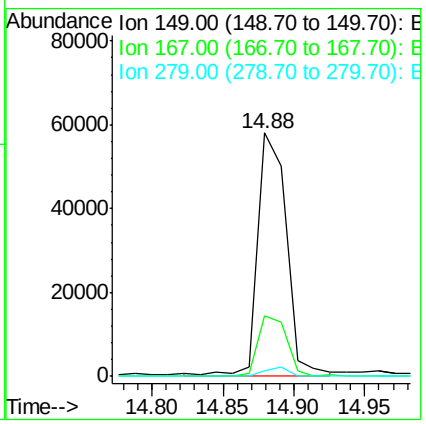
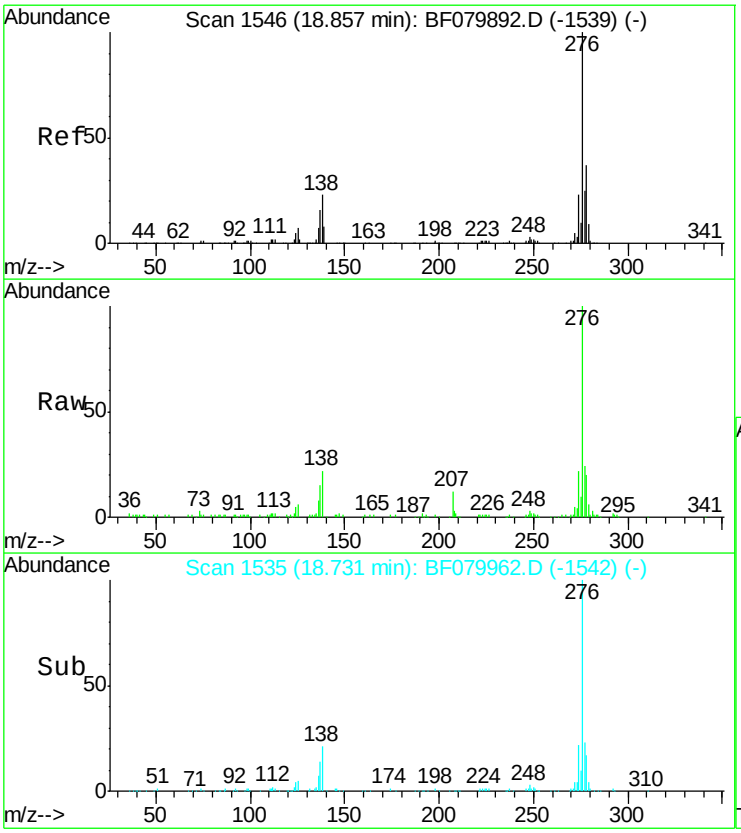
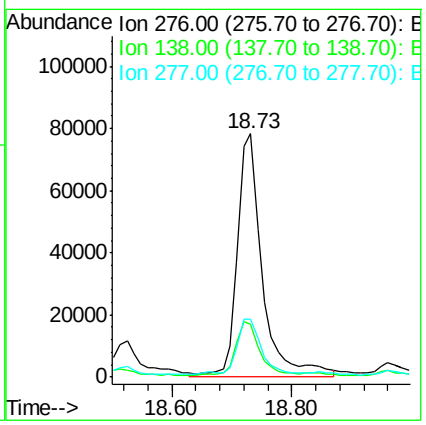


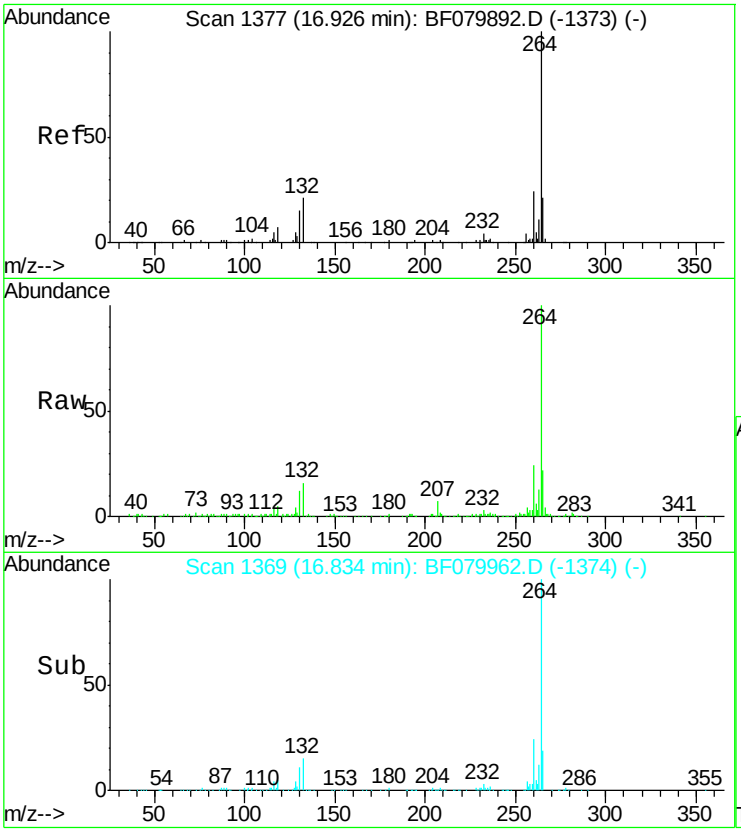


#85
Indeno(1,2,3-cd)pyrene
Concen: 15.66 ng m
RT: 18.73 min Scan# 1535
Delta R.T. -0.29 min
Lab File: BF079962.D
Acq: 13 Jun 2015 6:48

Tgt Ion:276 Resp: 225835

Ion	Ratio	Lower	Upper
276	100		
138	2.6	21.0	31.4#
277	0.0	19.9	29.9#

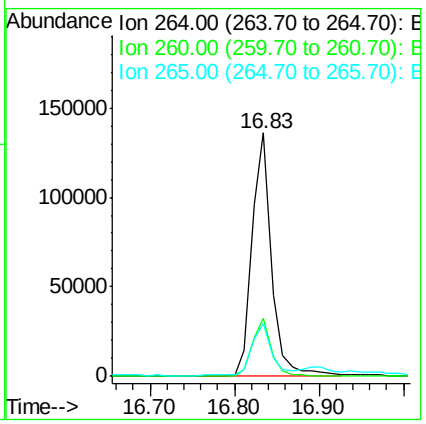




#86
Perylene-d12
Concen: 20.00 ng m
RT: 16.83 min Scan# 1369
Delta R.T. -0.26 min
Lab File: BF079962.D
Acq: 13 Jun 2015 6:48

Tgt Ion:264 Resp: 220458

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.3	28.9
265	21.9	17.0	25.6



Instrument :
BNA_F
ClientSampleId :
TEC-C2

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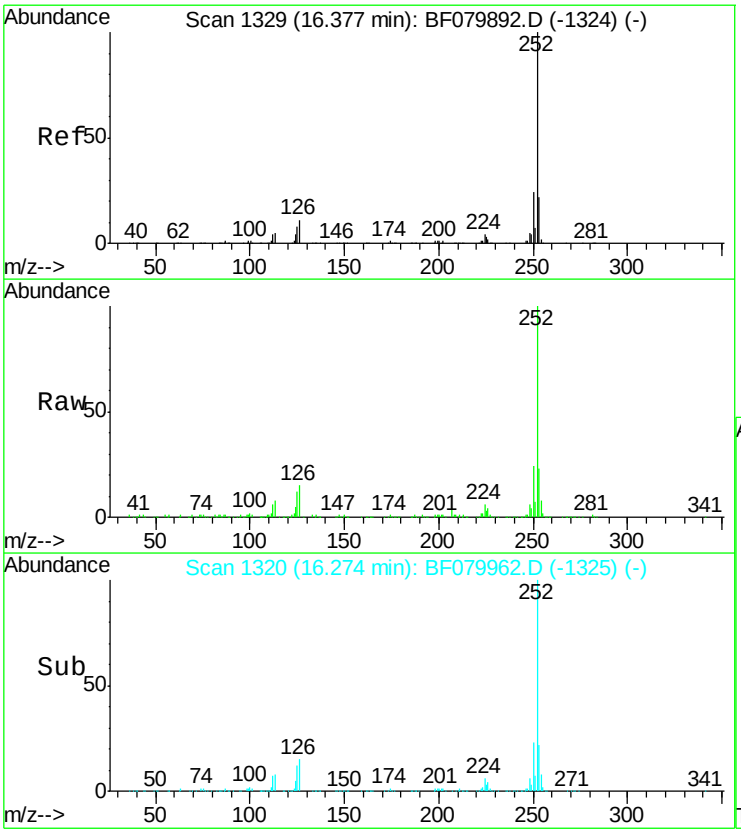
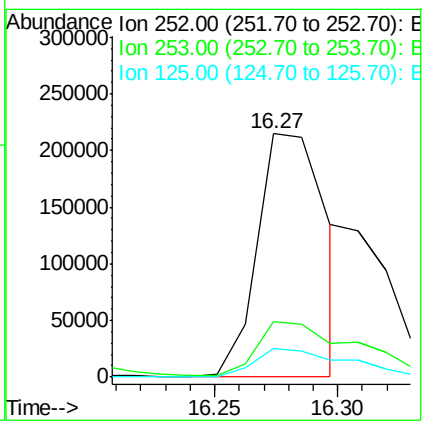
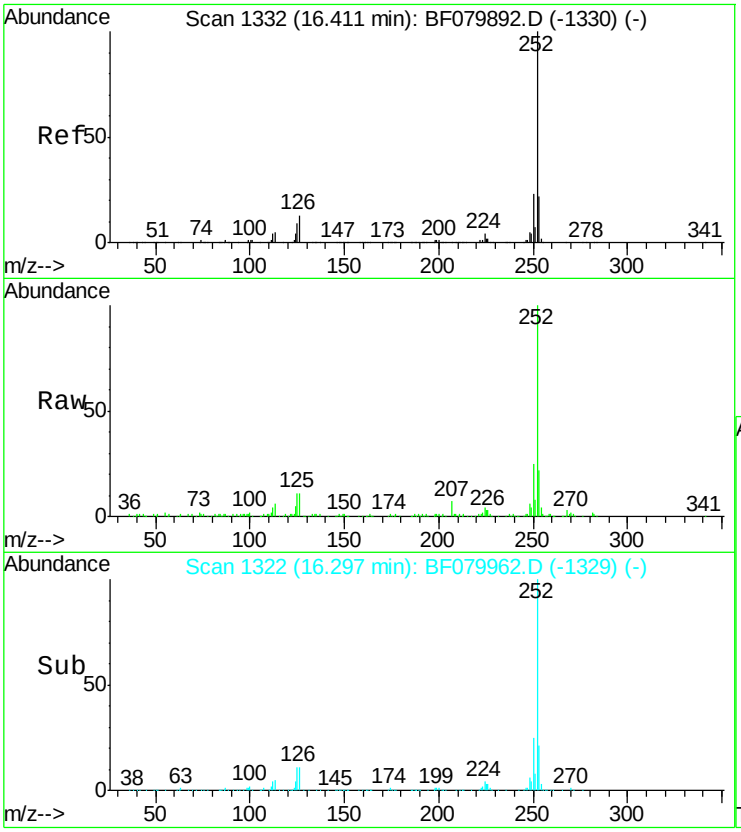


#87
Benzo(b)fluoranthene
Concen: 31.03 ng m
RT: 16.27 min Scan# 1320
Delta R.T. -0.26 min
Lab File: BF079962.D
Acq: 13 Jun 2015 6:48

Tgt Ion:252 Resp: 419203

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.8	26.6
125	11.6	6.5	9.7#

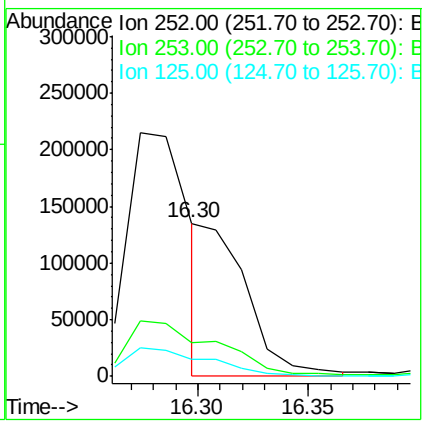




#88
Benzo(k)fluoranthene
Concen: 13.27 ng m
RT: 16.30 min Scan# 1322
Delta R.T. -0.29 min
Lab File: BF079962.D
Acq: 13 Jun 2015 6:48

Tgt Ion:252 Resp: 182776

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.2
125	10.9	7.4	11.0



Instrument :
BNA_F
ClientSampleId :
TEC-C2

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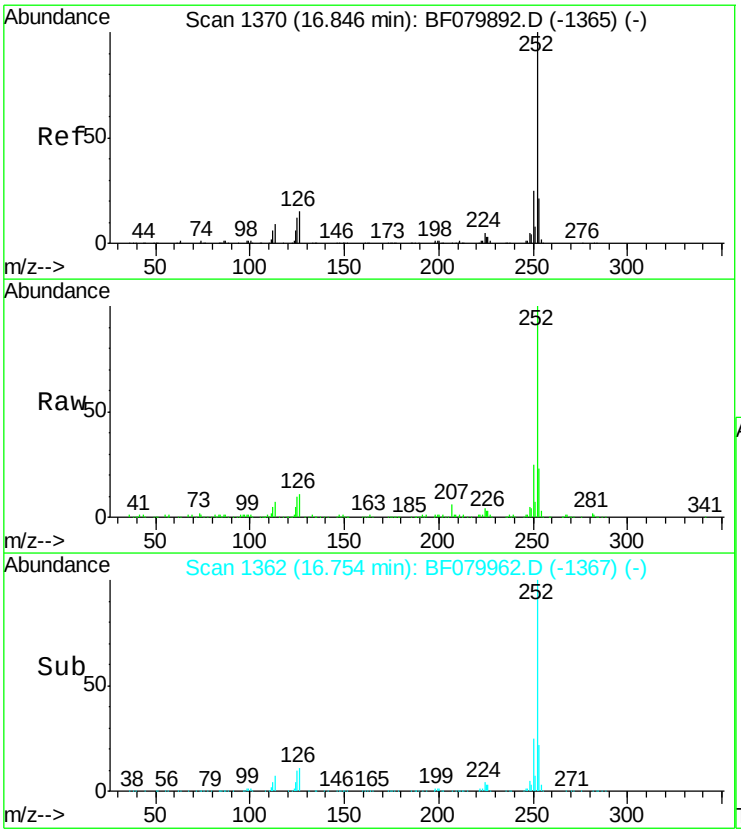
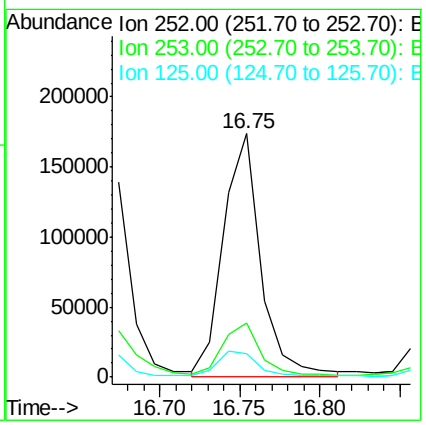
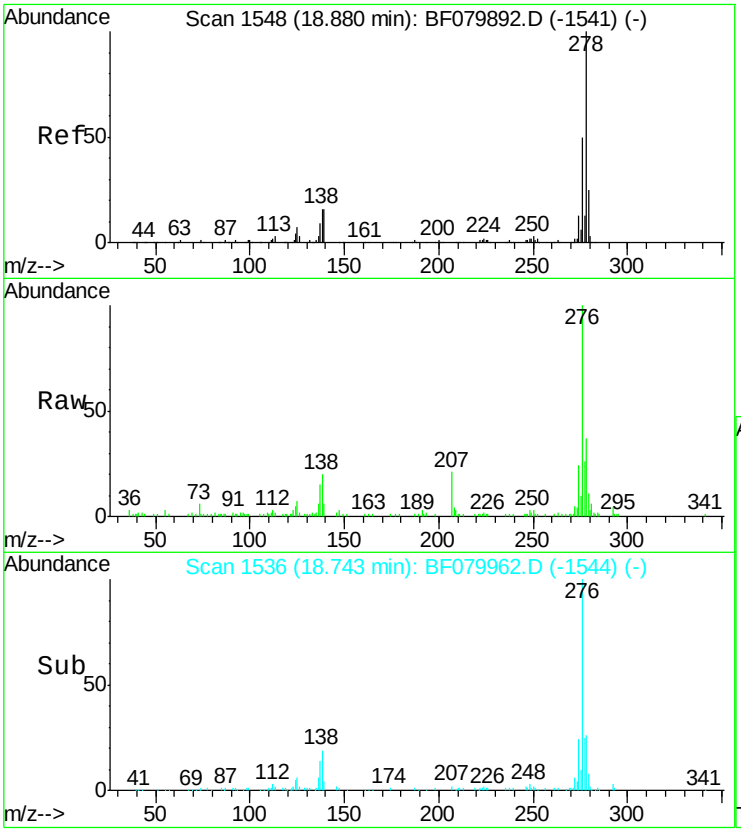


#89
Benzo(a)pyrene
Concen: 22.32 ng m
RT: 16.75 min Scan# 1362
Delta R.T. -0.26 min
Lab File: BF079962.D
Acq: 13 Jun 2015 6:48

Tgt Ion:252 Resp: 286797

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.0	25.6
125	9.8	9.7	14.5

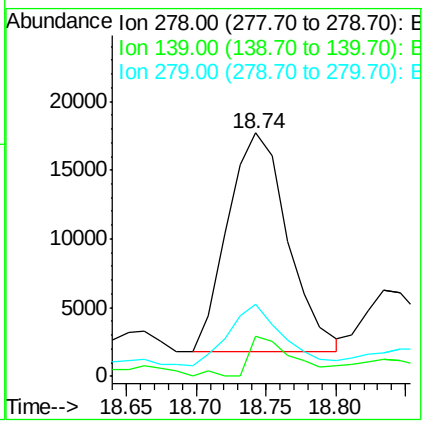




#90
Dibenzo(a,h)anthracene
Concen: 3.80 ng m
RT: 18.74 min Scan# 1536
Delta R.T. -0.30 min
Lab File: BF079962.D
Acq: 13 Jun 2015 6:48

Tgt Ion:278 Resp: 48027

Ion	Ratio	Lower	Upper
278	100		
139	16.3	12.8	19.2
279	29.5	19.7	29.5#



Instrument :
BNA_F
ClientSampleId :
TEC-C2

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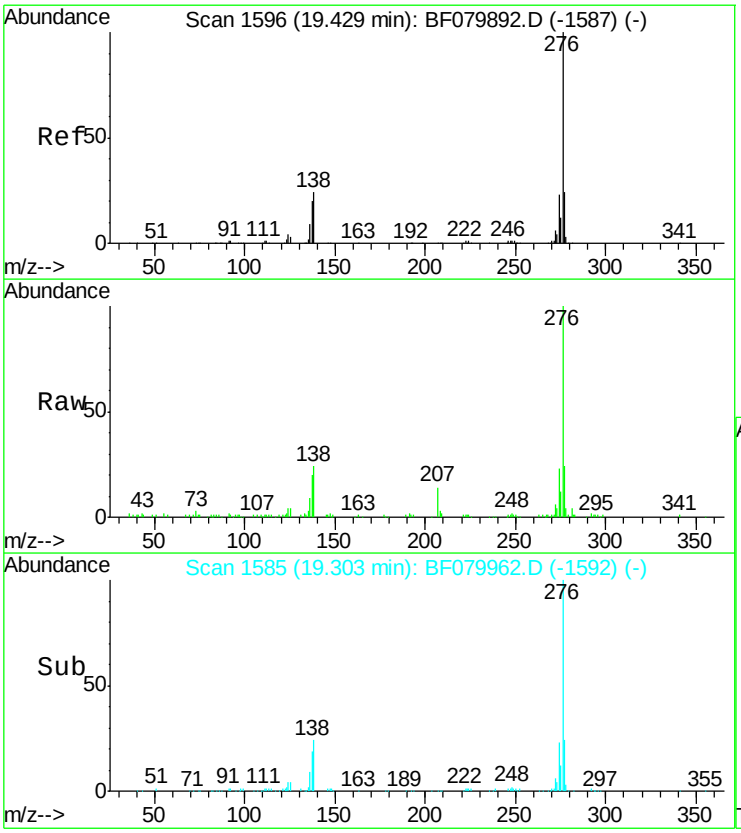

#91
Benzo(g,h,i)perylene
Concen: 15.71 ng m
RT: 19.30 min Scan# 1585
Delta R.T. -0.29 min
Lab File: BF079962.D
Acq: 13 Jun 2015 6:48

Tgt Ion:276 Resp: 205296

Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.4	29.2
138	24.0	19.1	28.7