Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110416\
Data File : BF091040.D
Acq On : 5 Nov 2016 00:19
Operator : UM/SJ
Sample : H5526-20
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-108-0.5-1.0

Manual Integrations APPROVED
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Quant Time: Nov 05 00:26:04 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 04 11:03:12 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	194437	20.00	ng		0.00
21) Naphthalene-d8	7.98	136	727479	20.00	ng		-0.01
38) Acenaphthene-d10	9.74	164	369584	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	474260	20.00	ng		-0.01
75) Chrysene-d12	13.86	240	428357	20.00	ng		0.00
86) Perylene-d12	15.24	264	312010	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	1399245	118.85	ng		0.02
7) Phenol-d6	6.36	99	1749437	109.48	ng		0.01
23) Nitrobenzene-d5	7.28	82	1117199	83.77	ng		0.00
41) 2,4,6-Tribromophenol	10.53	330	318185	95.23	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	1504681	70.09	ng		0.00
78) Terphenyl-d14	12.81	244	1271260	74.06	ng		0.00
Target Compounds							Qvalue
49) Dimethylphthalate	9.47	163	624472	25.77	ng		99
70) Phenanthrene	11.24	178	163572	6.49	ng		97
74) Fluoranthene	12.43	202	299125	11.44	ng		97
77) Pyrene	12.66	202	272818	9.73	ng		97
80) Benzo(a)anthracene	13.85	228	140930m	5.79	ng		
82) Chrysene	13.88	228	138679m	5.78	ng		
85) Indeno(1,2,3-cd)pyrene	16.56	276	57135	2.87	ng		96
87) Benzo(b)fluoranthene	14.85	252	181851m	8.59	ng		
88) Benzo(k)fluoranthene	14.88	252	37502m	2.02	ng		
89) Benzo(a)pyrene	15.19	252	93087	5.05	ng	#	90
91) Benzo(g,h,i)perylene	16.95	276	51023	3.54	ng		94

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110416\
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Acq On : 5 Nov 2016 00:19
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QLast Update : Fri Nov 04 11:03:12 2016
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SB-108-0.5-1.0

Manual Integrations APPROVED
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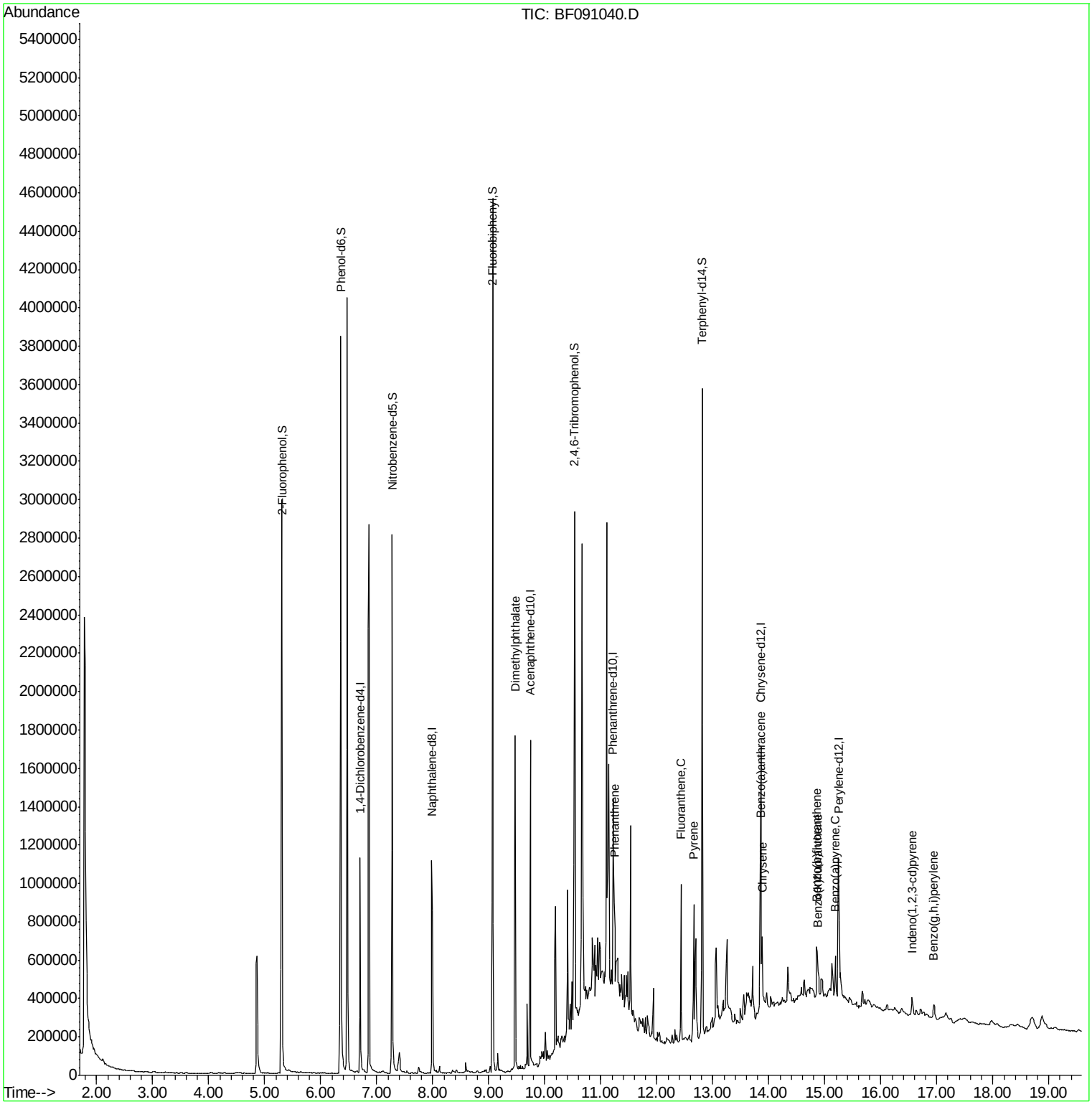
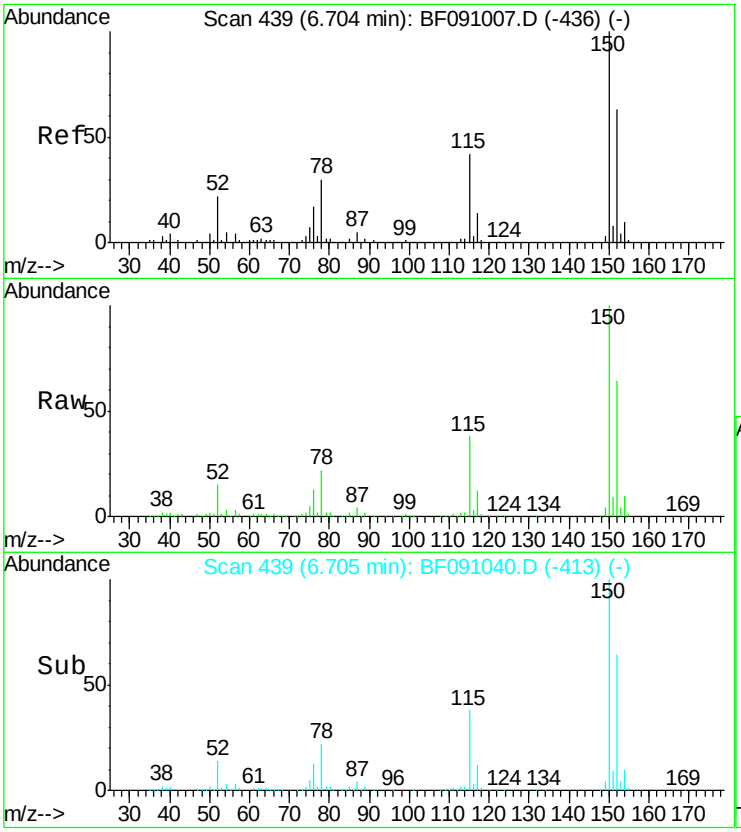
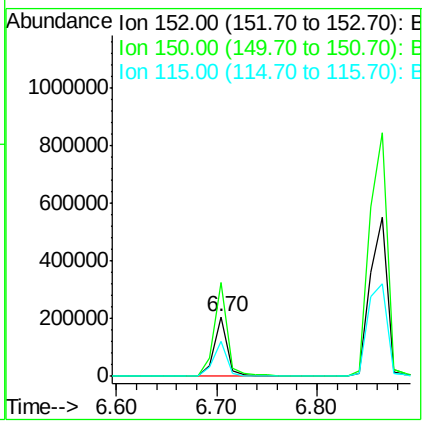




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.70 min Scan# 439
Delta R.T. 0.00 min
Lab File: BF091040.D
Acq: 5 Nov 2016 00:19

Tgt Ion:152 Resp: 194437

Ion	Ratio	Lower	Upper
152	100		
150	156.1	126.8	190.2
115	58.5	53.3	79.9



Instrument :
BNA_F
ClientSampleId :
SB-108-0.5-1.0

Manual Integrations APPROVED
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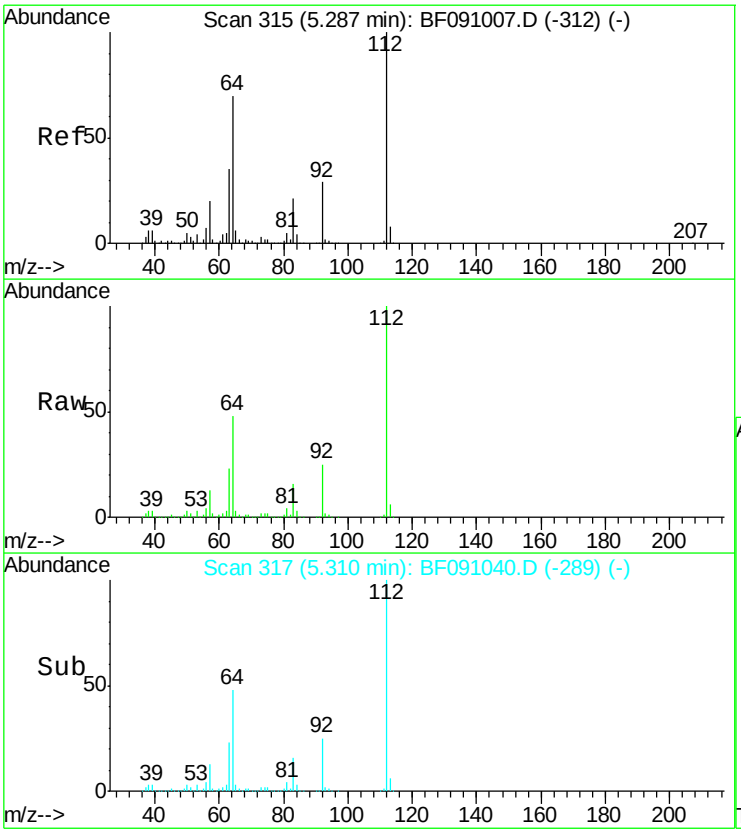
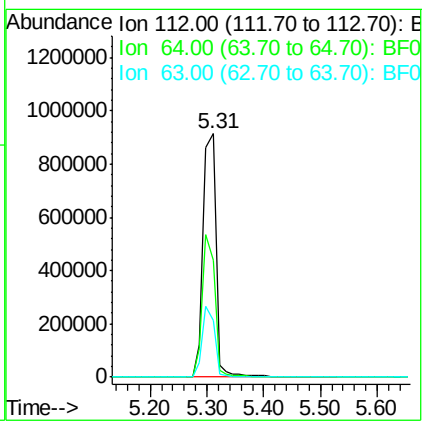
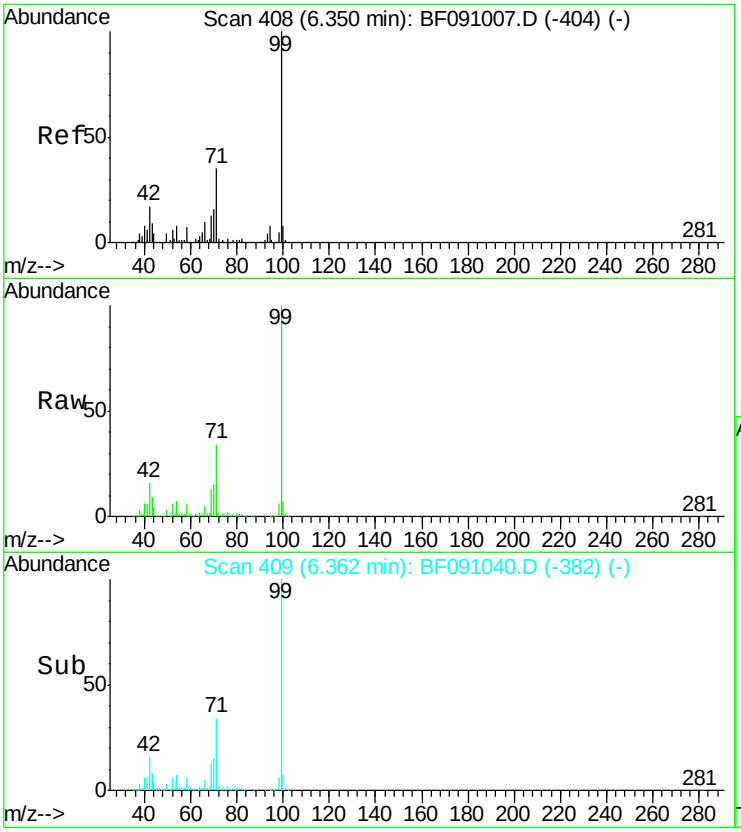


#5
2-Fluorophenol
Concen: 118.85 ng
RT: 5.31 min Scan# 317
Delta R.T. 0.02 min
Lab File: BF091040.D
Acq: 5 Nov 2016 00:19

Tgt Ion:112 Resp: 1399245

Ion	Ratio	Lower	Upper
112	100		
64	48.0	55.8	83.6#
63	23.5	28.0	42.0#

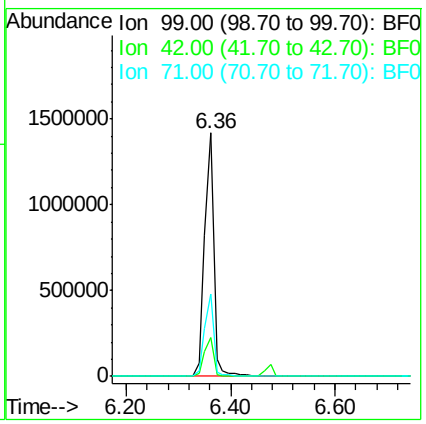




#7
Phenol-d6
Concen: 109.48 ng
RT: 6.36 min Scan# 409
Delta R.T. 0.01 min
Lab File: BF091040.D
Acq: 5 Nov 2016 00:19

Tgt Ion: 99 Resp: 1749437

Ion	Ratio	Lower	Upper
99	100		
42	16.1	13.9	20.9
71	33.6	27.8	41.8



Instrument :
BNA_F
ClientSampleId :
SB-108-0.5-1.0

Manual Integrations APPROVED
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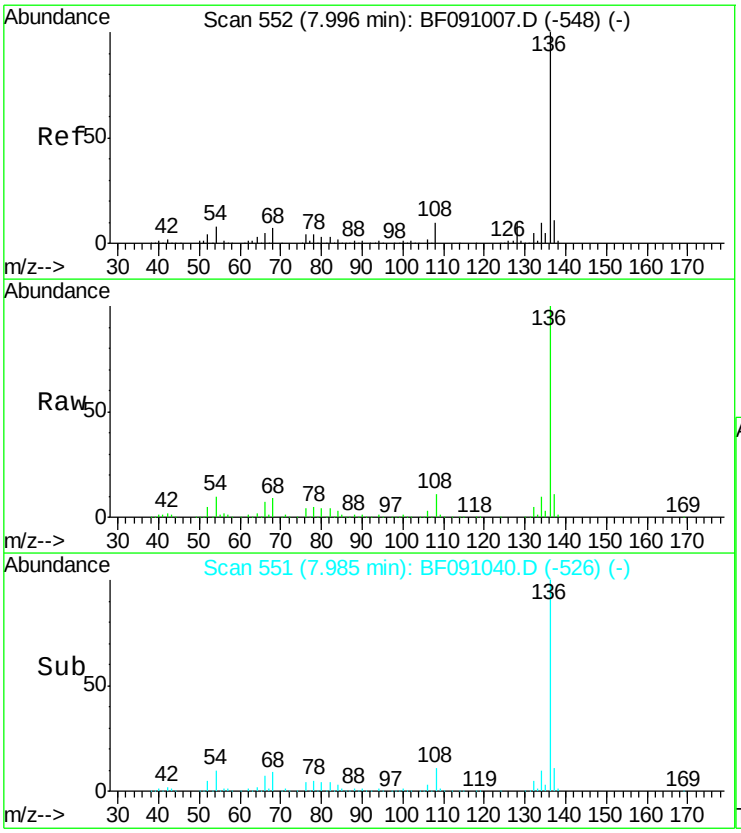
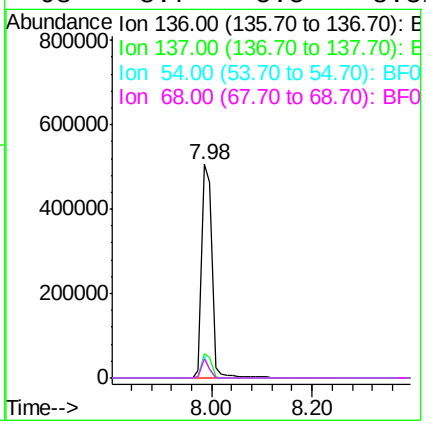
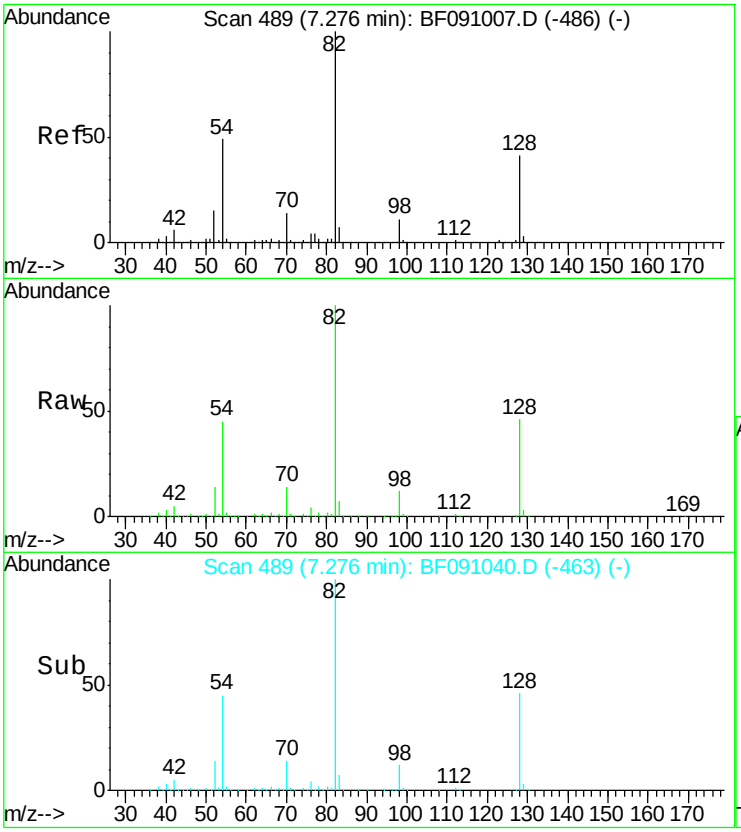


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.98 min Scan# 551
Delta R.T. -0.01 min
Lab File: BF091040.D
Acq: 5 Nov 2016 00:19

Tgt Ion:136 Resp: 727479

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	10.1	6.2	9.2#
68	8.7	5.5	8.3#

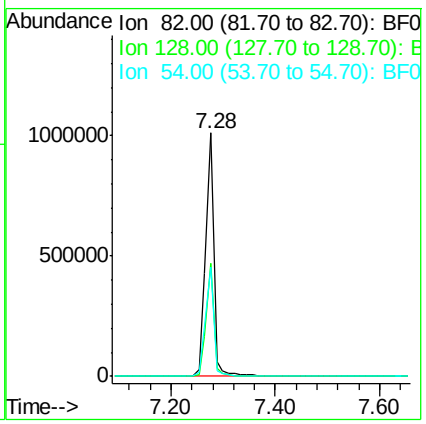




#23
Nitrobenzene-d5
Concen: 83.77 ng
RT: 7.28 min Scan# 489
Delta R.T. 0.00 min
Lab File: BF091040.D
Acq: 5 Nov 2016 00:19

Tgt Ion: 82 Resp: 1117199

Ion	Ratio	Lower	Upper
82	100		
128	46.2	32.4	48.6
54	44.7	39.2	58.8



Instrument :
BNA_F
ClientSampleId :
SB-108-0.5-1.0

Manual Integrations APPROVED
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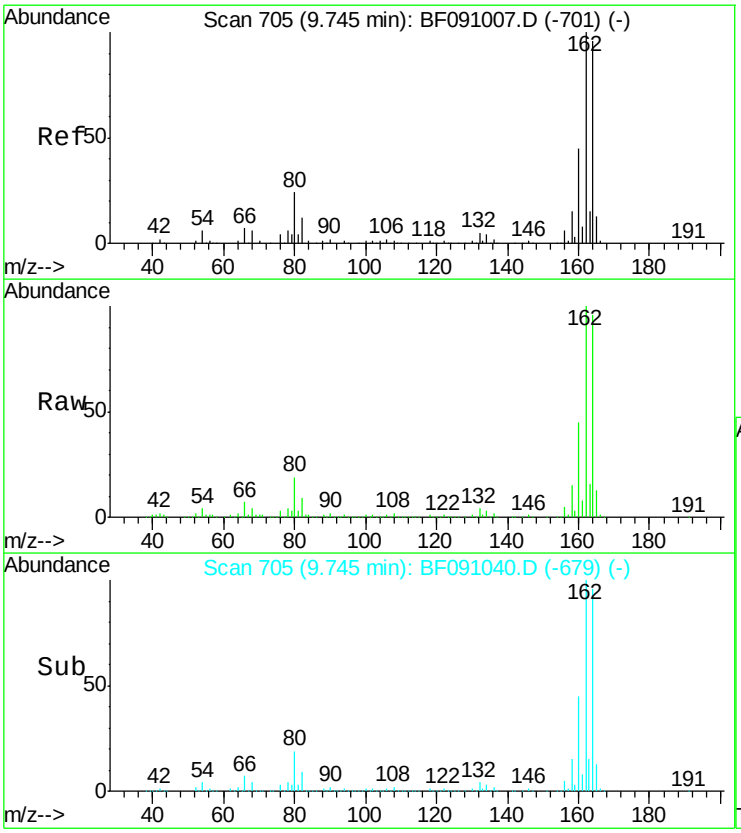
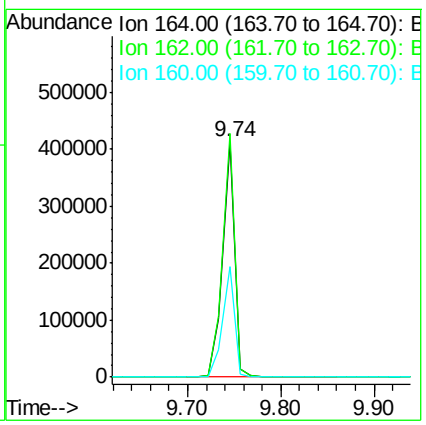
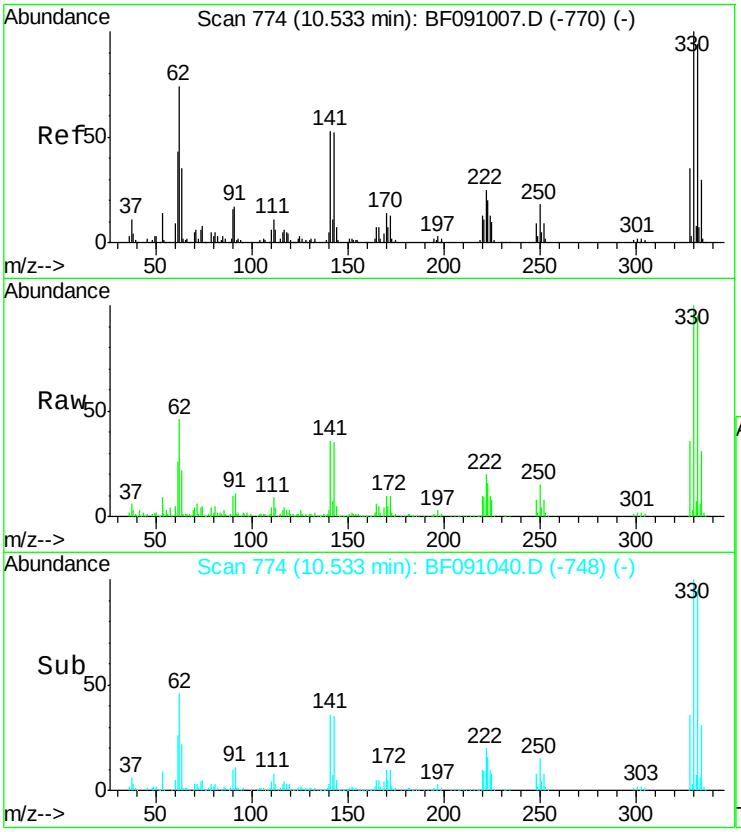


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.74 min Scan# 705
Delta R.T. 0.00 min
Lab File: BF091040.D
Acq: 5 Nov 2016 00:19

Tgt Ion:164 Resp: 369584

Ion	Ratio	Lower	Upper
164	100		
162	103.8	83.6	125.4
160	47.1	37.9	56.9

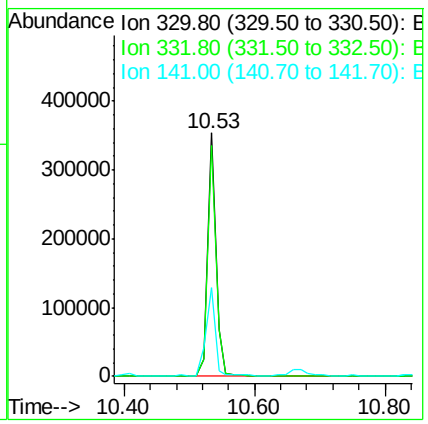




#41
2,4,6-Tribromophenol
Concen: 95.23 ng
RT: 10.53 min Scan# 774
Delta R.T. 0.00 min
Lab File: BF091040.D
Acq: 5 Nov 2016 00:19

Tgt Ion:330 Resp: 318185

Ion	Ratio	Lower	Upper
330	100		
332	95.8	75.9	113.9
141	40.1	36.1	54.1



Instrument :
BNA_F
ClientSampleId :
SB-108-0.5-1.0

Manual Integrations APPROVED
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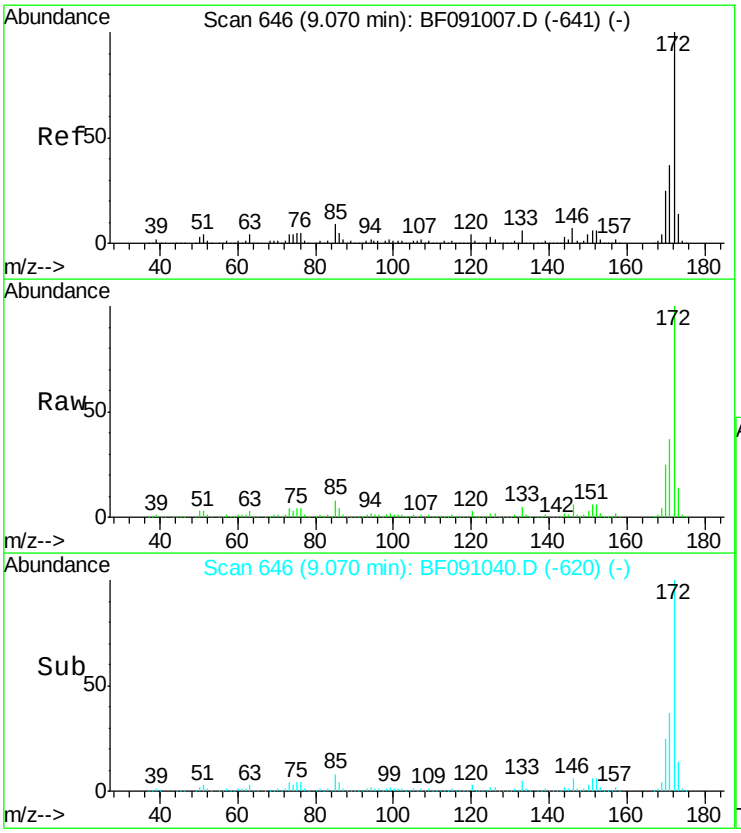
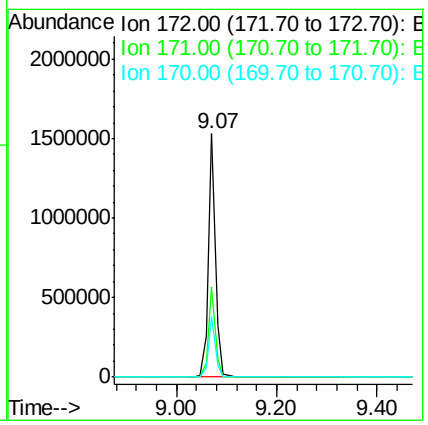
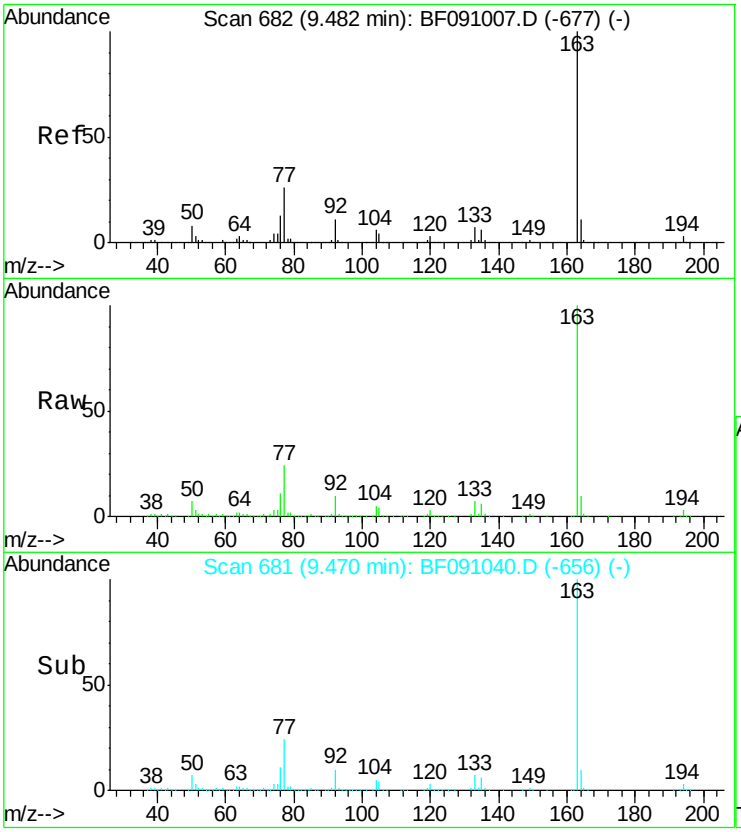


#44
2-Fluorobiphenyl
Concen: 70.09 ng
RT: 9.07 min Scan# 646
Delta R.T. 0.00 min
Lab File: BF091040.D
Acq: 5 Nov 2016 00:19

Tgt Ion:172 Resp: 1504681

Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.8	44.6
170	25.1	20.3	30.5

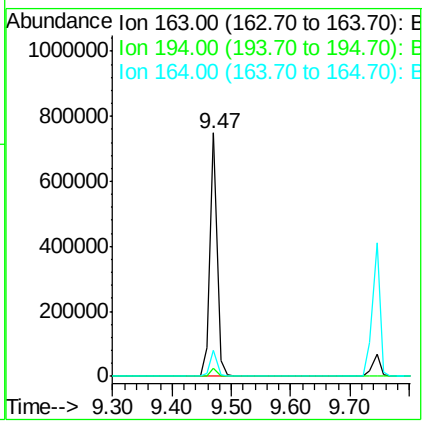




#49
Dimethylphthalate
Concen: 25.77 ng
RT: 9.47 min Scan# 681
Delta R.T. -0.01 min
Lab File: BF091040.D
Acq: 5 Nov 2016 00:19

Tgt Ion:163 Resp: 624472

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.6	4.0
164	10.5	8.7	13.1



Instrument :
BNA_F
ClientSampleId :
SB-108-0.5-1.0

Manual Integrations APPROVED
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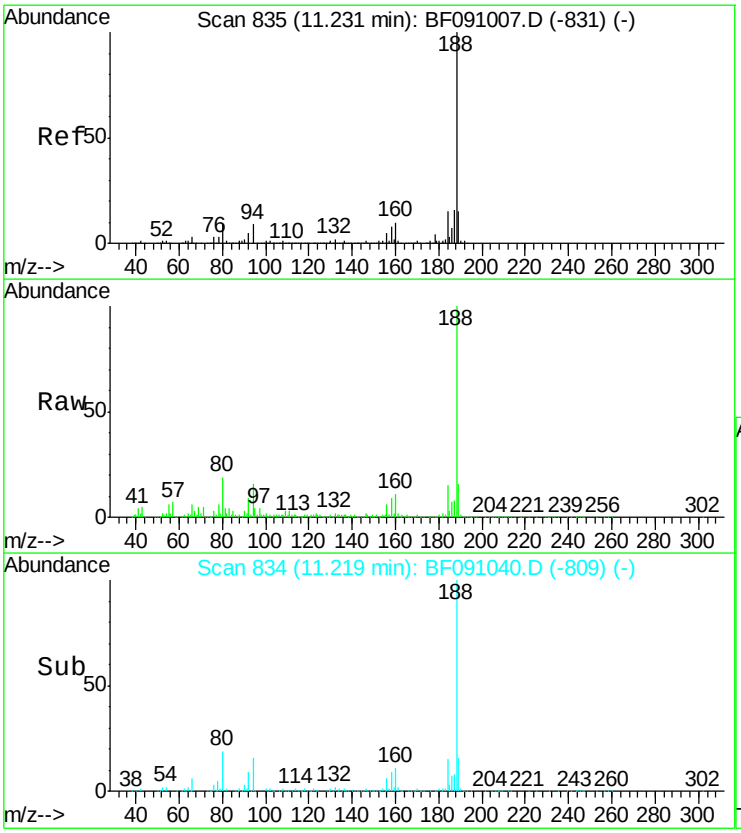
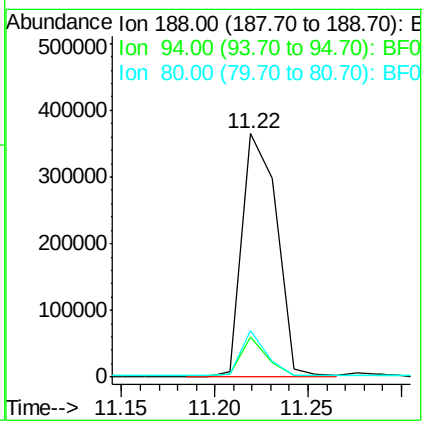
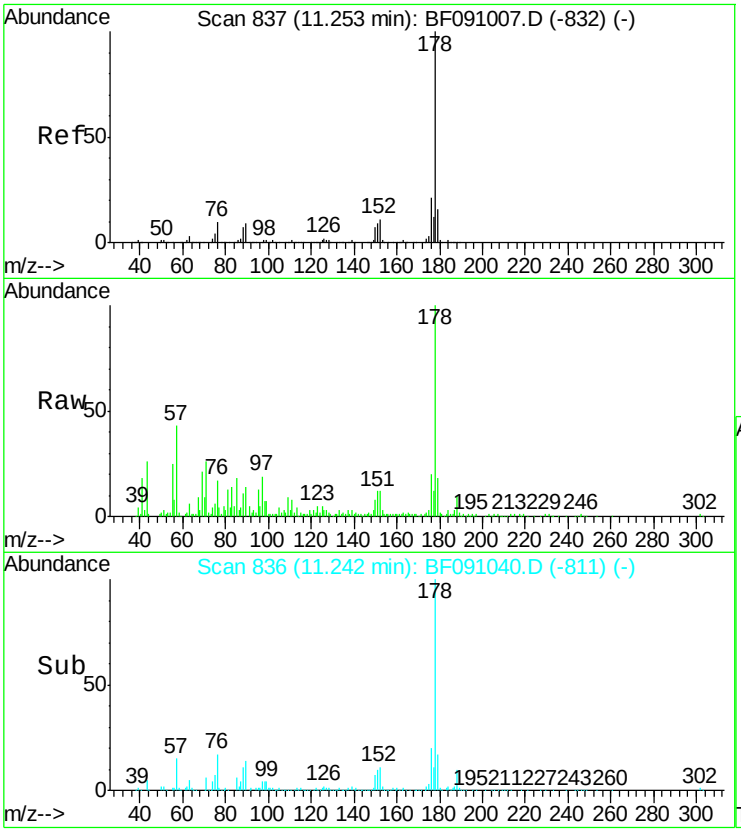


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 834
Delta R.T. -0.01 min
Lab File: BF091040.D
Acq: 5 Nov 2016 00:19

Tgt Ion:188 Resp: 474260

Ion	Ratio	Lower	Upper
188	100		
94	16.5	7.0	10.4#
80	19.0	7.5	11.3#

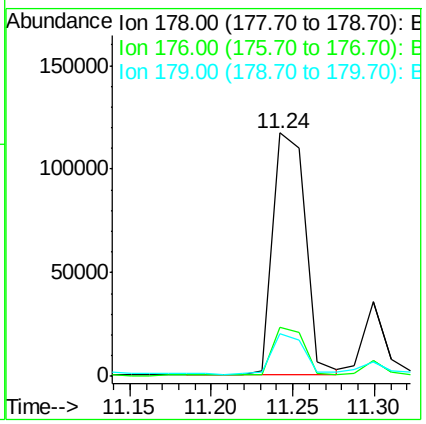




#70
Phenanthrene
Concen: 6.49 ng
RT: 11.24 min Scan# 836
Delta R.T. -0.01 min
Lab File: BF091040.D
Acq: 5 Nov 2016 00:19

Tgt Ion:178 Resp: 163572

Ion	Ratio	Lower	Upper
178	100		
176	19.9	16.6	25.0
179	17.7	12.9	19.3



Instrument :
BNA_F
ClientSampleId :
SB-108-0.5-1.0

Manual Integrations APPROVED
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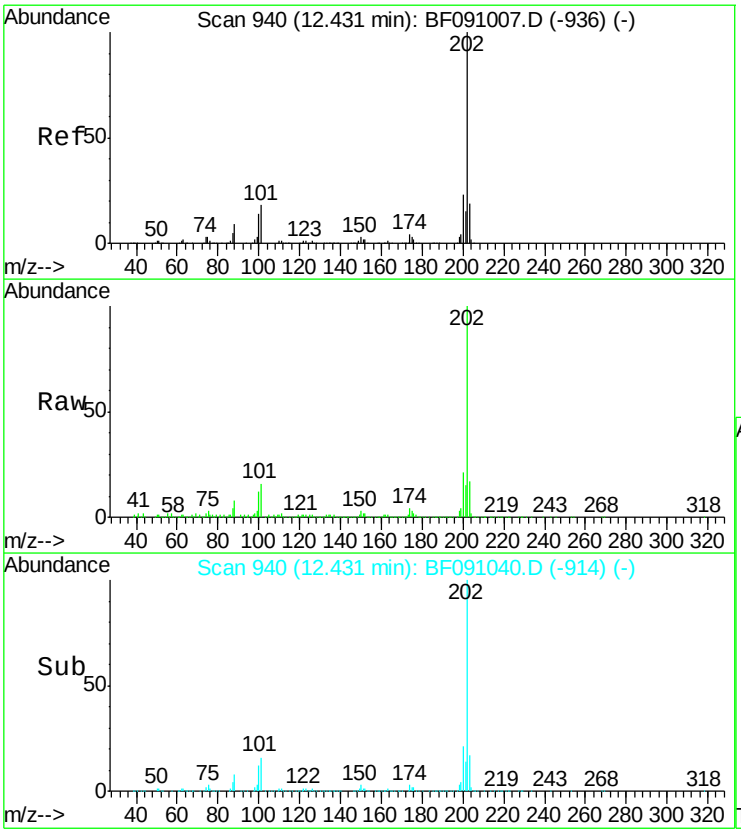
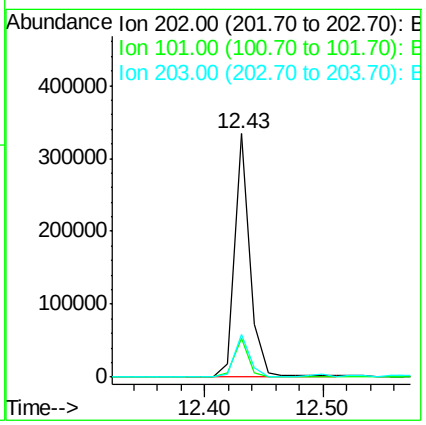
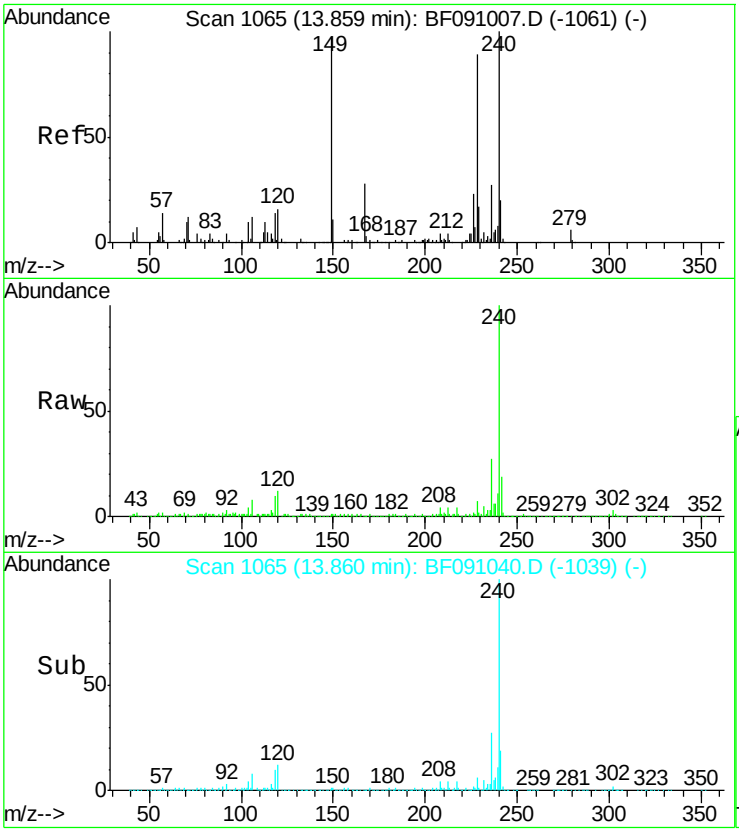


#74
Fluoranthene
Concen: 11.44 ng
RT: 12.43 min Scan# 940
Delta R.T. 0.00 min
Lab File: BF091040.D
Acq: 5 Nov 2016 00:19

Tgt Ion:202 Resp: 299125

Ion	Ratio	Lower	Upper
202	100		
101	16.2	0.0	37.6
203	17.3	0.0	38.6

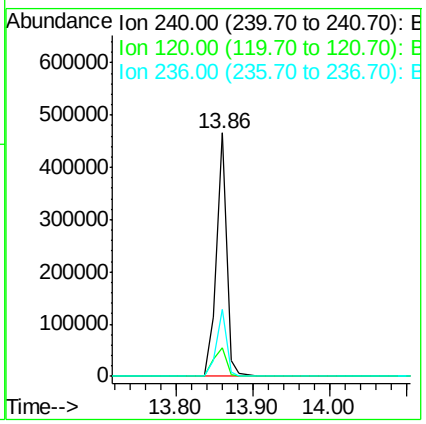




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.86 min Scan# 1065
Delta R.T. 0.00 min
Lab File: BF091040.D
Acq: 5 Nov 2016 00:19

Tgt Ion:240 Resp: 428357

Ion	Ratio	Lower	Upper
240	100		
120	11.9	12.9	19.3#
236	27.4	21.9	32.9



Instrument :
BNA_F
ClientSampleId :
SB-108-0.5-1.0

Manual Integrations APPROVED
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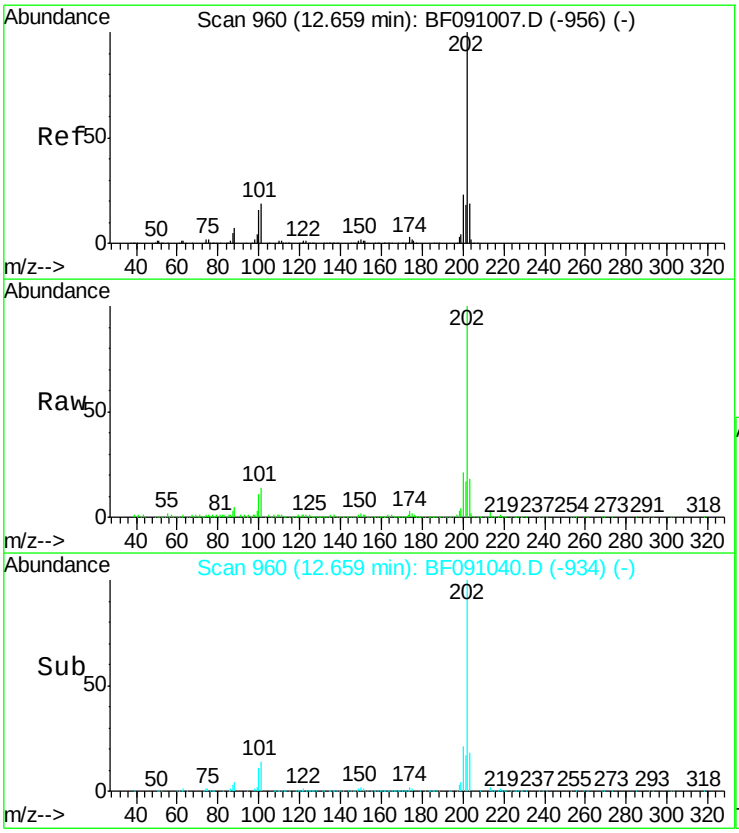
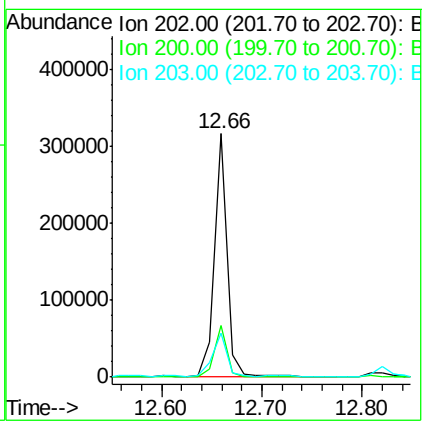
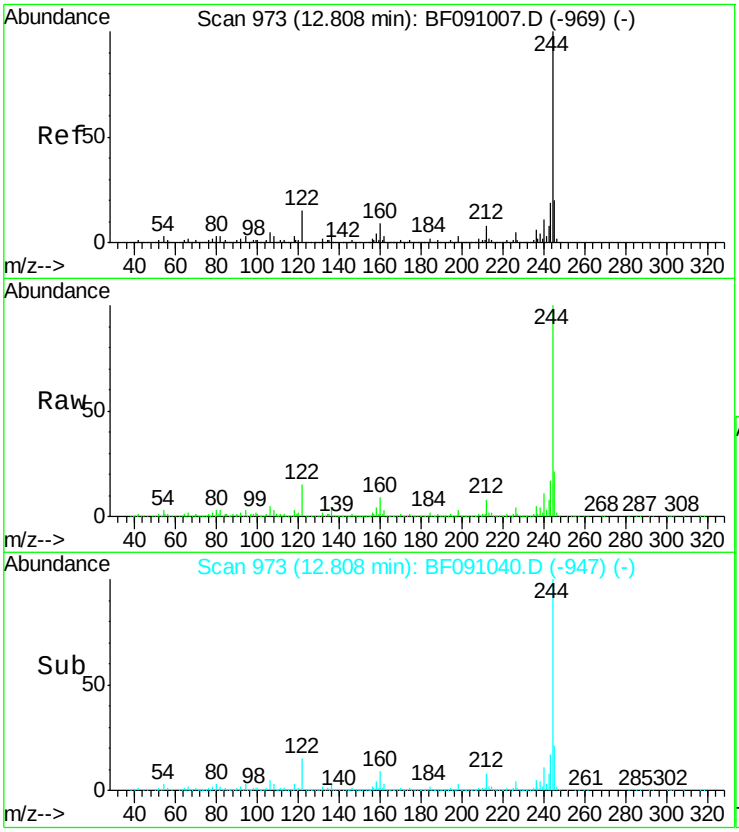


#77
Pyrene
Concen: 9.73 ng
RT: 12.66 min Scan# 960
Delta R.T. 0.00 min
Lab File: BF091040.D
Acq: 5 Nov 2016 00:19

Tgt Ion:202 Resp: 272818

Ion	Ratio	Lower	Upper
202	100		
200	21.4	18.4	27.6
203	18.1	15.0	22.6

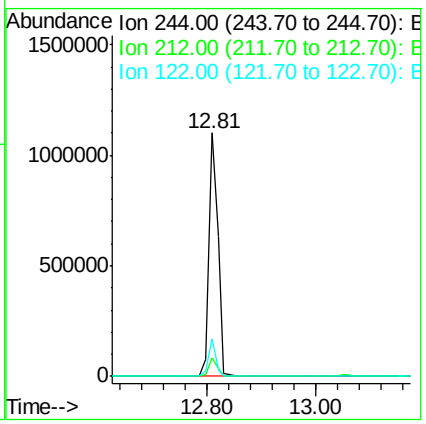




#78
Terphenyl-d14
Concen: 74.06 ng
RT: 12.81 min Scan# 973
Delta R.T. 0.00 min
Lab File: BF091040.D
Acq: 5 Nov 2016 00:19

Tgt Ion:244 Resp: 1271260

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.4	9.6
122	15.5	12.3	18.5



Instrument :
BNA_F
ClientSampleId :
SB-108-0.5-1.0

Manual Integrations APPROVED
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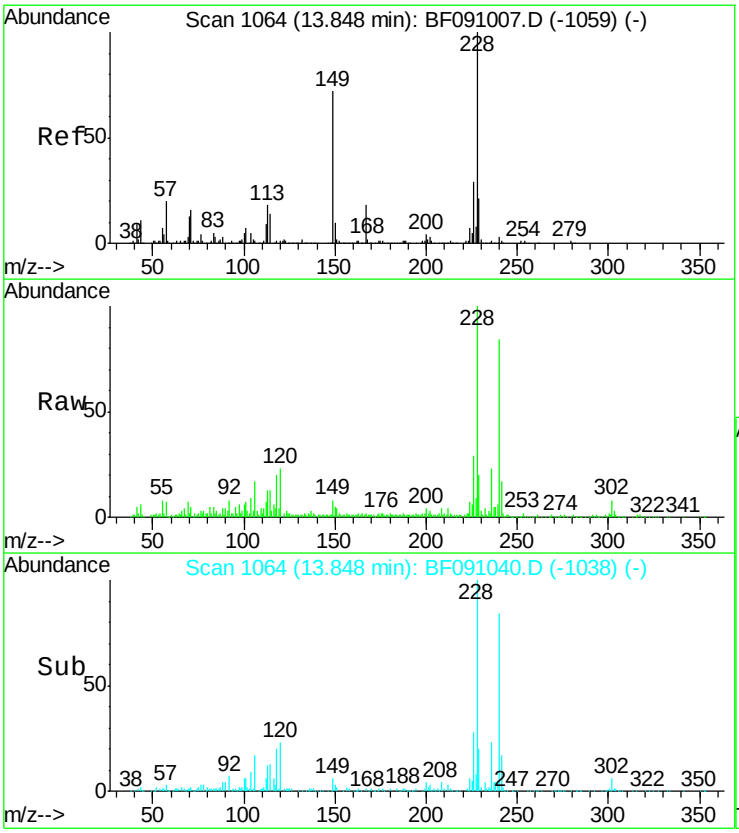
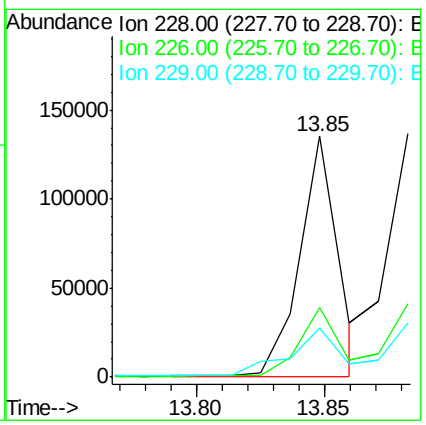
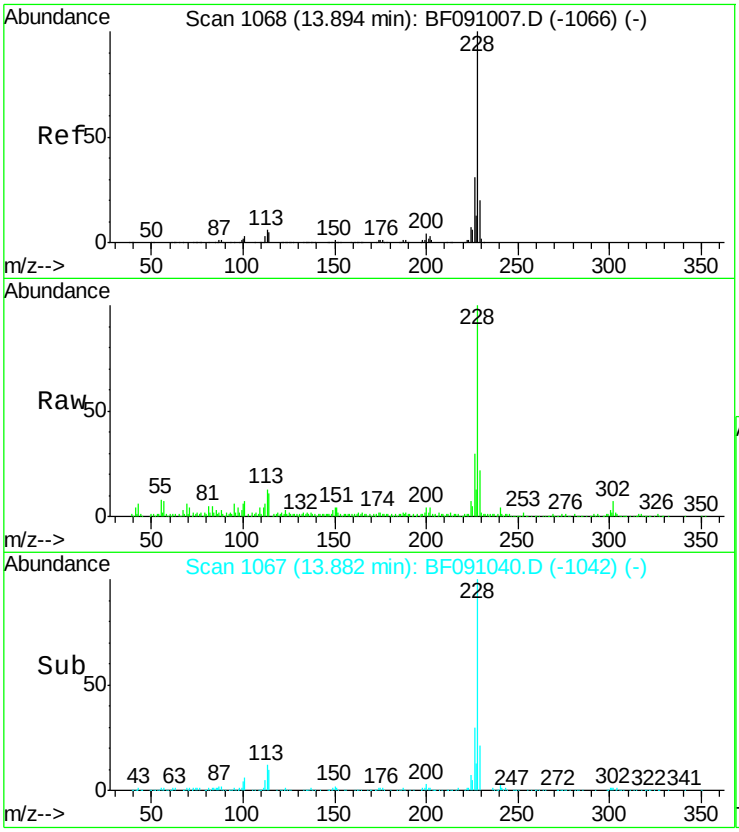


#80
Benzo(a)anthracene
Concen: 5.79 ng m
RT: 13.85 min Scan# 1064
Delta R.T. 0.00 min
Lab File: BF091040.D
Acq: 5 Nov 2016 00:19

Tgt Ion:228 Resp: 140930

Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.0	34.6
229	20.3	16.6	24.8

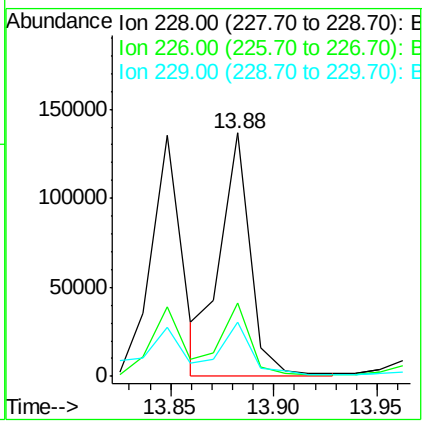




#82
Chrysene
Concen: 5.78 ng m
RT: 13.88 min Scan# 1067
Delta R.T. -0.01 min
Lab File: BF091040.D
Acq: 5 Nov 2016 00:19

Tgt Ion:228 Resp: 138679

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.9	37.3
229	22.2	15.9	23.9



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ClientSampleId :
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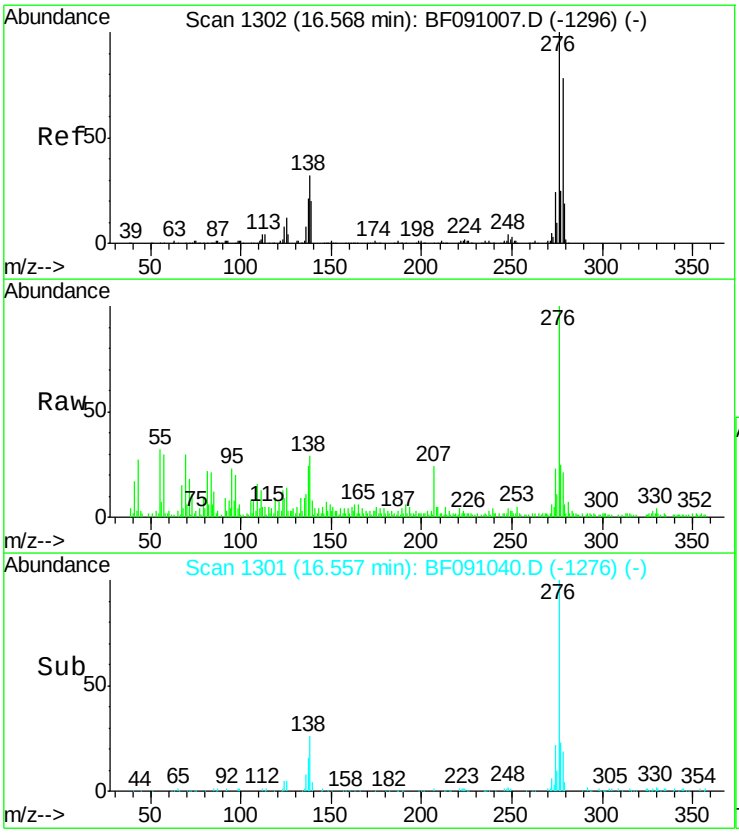
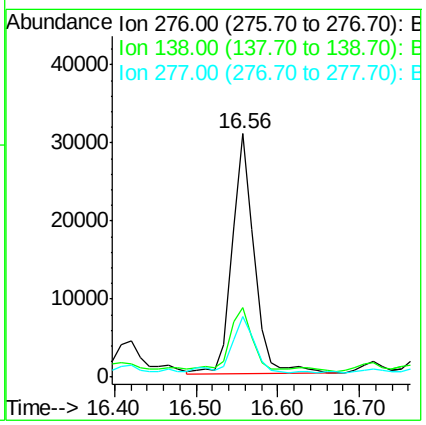
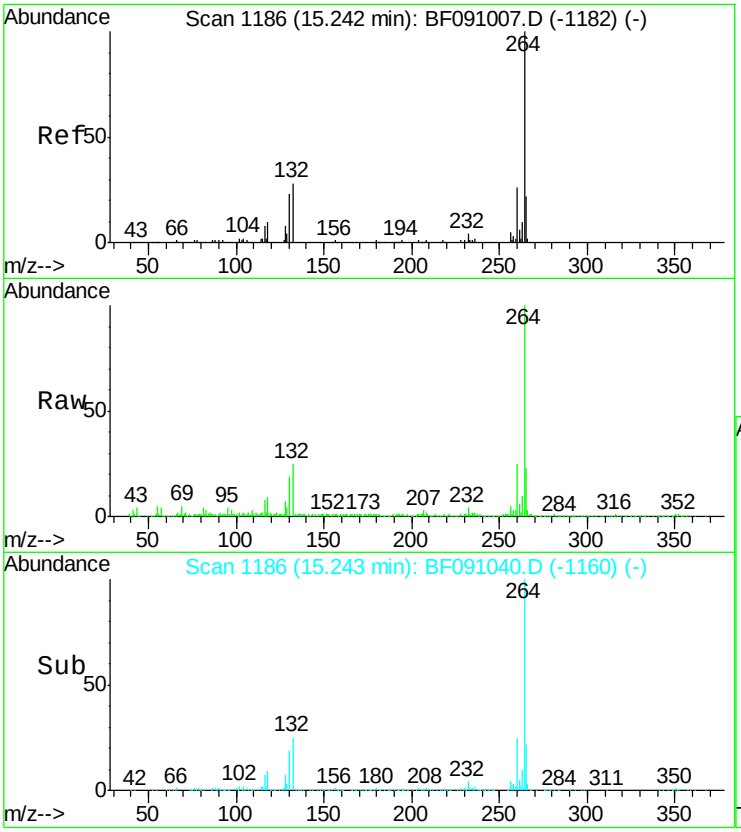


#85
Indeno(1,2,3-cd)pyrene
Concen: 2.87 ng
RT: 16.56 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BF091040.D
Acq: 5 Nov 2016 00:19

Tgt Ion:276 Resp: 57135

Ion	Ratio	Lower	Upper
276	100		
138	28.7	26.0	39.0
277	24.8	20.1	30.1





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.24 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BF091040.D
Acq: 5 Nov 2016 00:19

Tgt Ion:264 Resp: 312010

Ion	Ratio	Lower	Upper
264	100		
260	25.2	20.6	30.8
265	22.6	17.8	26.8

Instrument :
BNA_F
ClientSampleId :
SB-108-0.5-1.0

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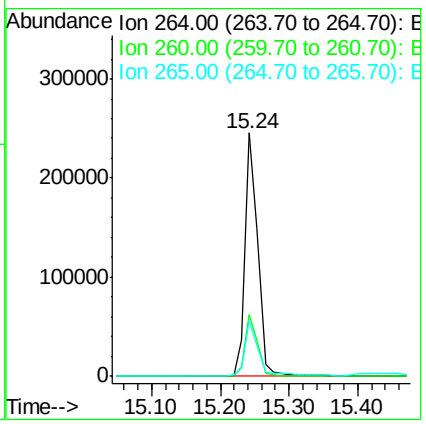
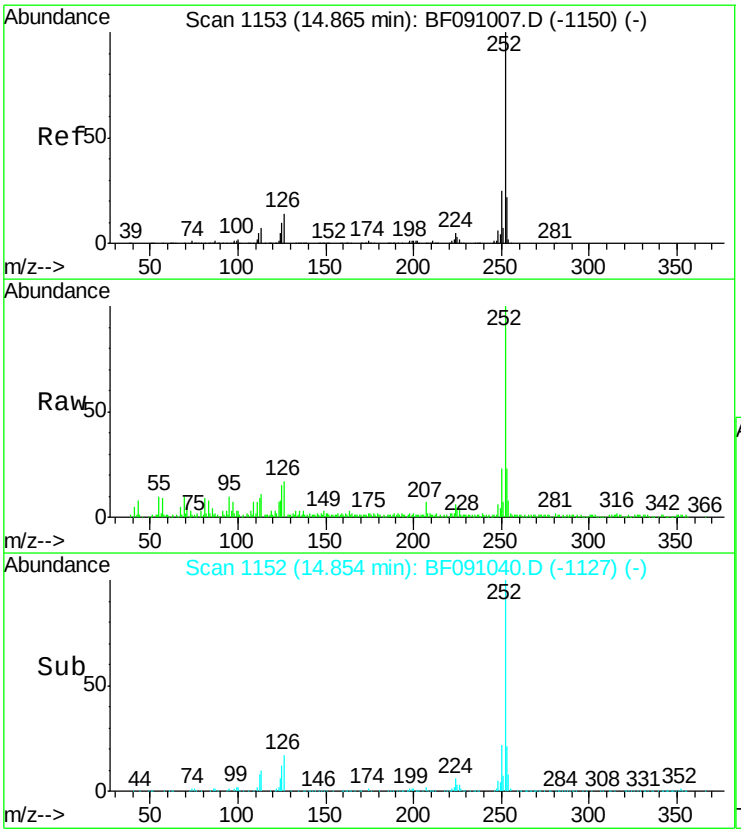
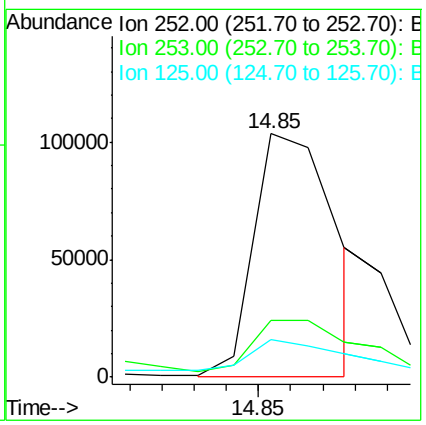


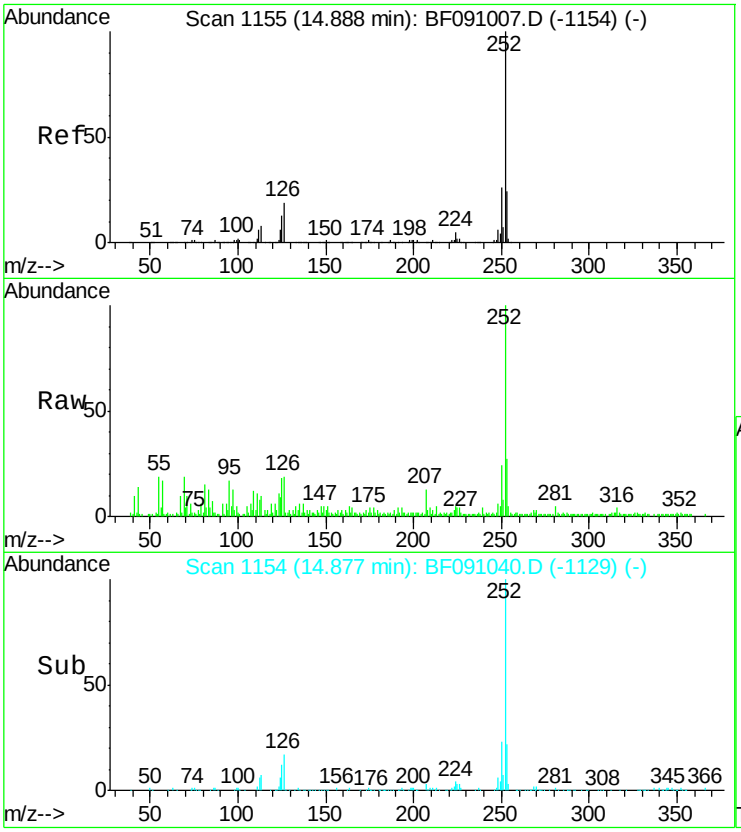


#87
Benzo(b)fluoranthene
Concen: 8.59 ng m
RT: 14.85 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BF091040.D
Acq: 5 Nov 2016 00:19

Tgt Ion:252 Resp: 181851

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.0	27.0
125	15.3	8.3	12.5#

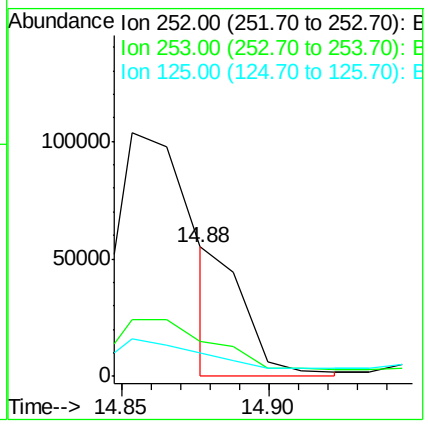




#88
Benzo(k)fluoranthene
Concen: 2.02 ng m
RT: 14.88 min Scan# 1154
Delta R.T. -0.01 min
Lab File: BF091040.D
Acq: 5 Nov 2016 00:19

Tgt Ion:252 Resp: 37502

Ion	Ratio	Lower	Upper
252	100		
253	26.6	18.6	28.0
125	18.1	11.2	16.8#



Instrument :
BNA_F
ClientSampleId :
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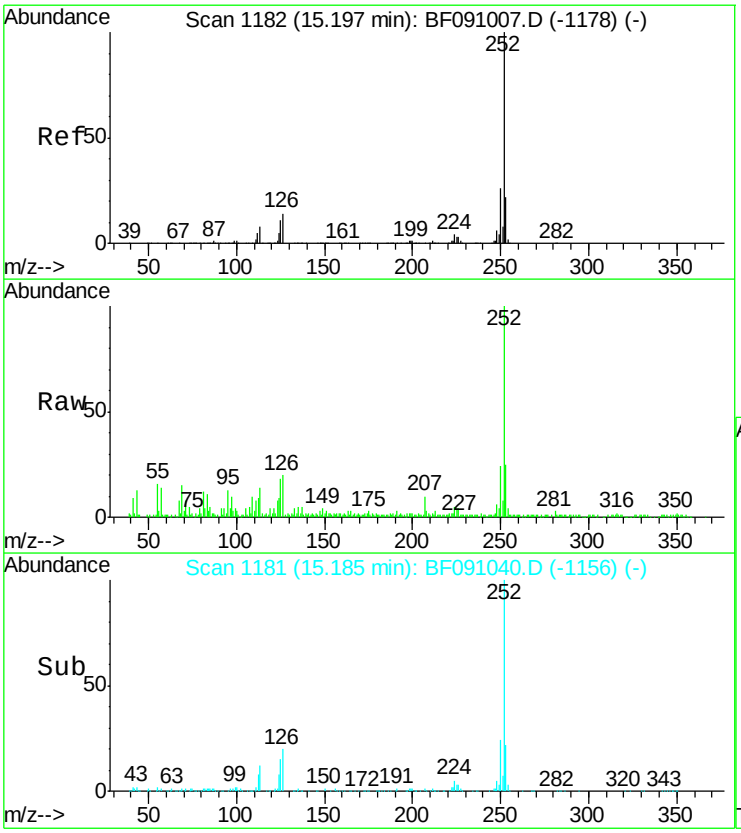
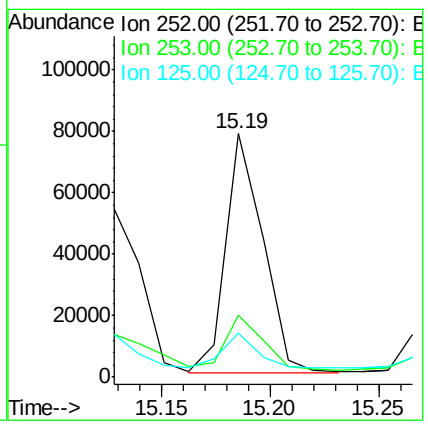
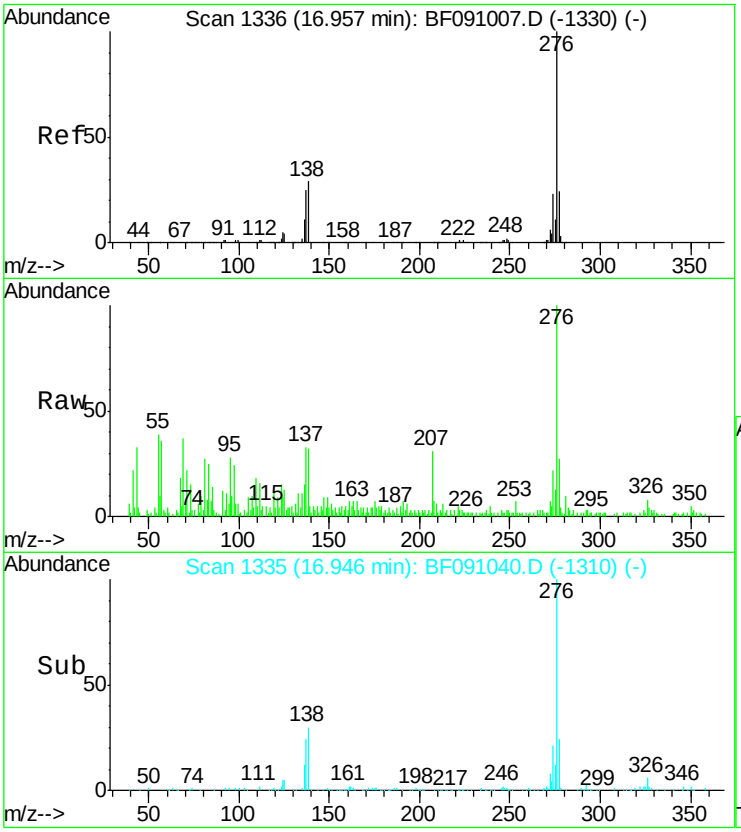


#89
Benzo(a)pyrene
Concen: 5.05 ng
RT: 15.19 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BF091040.D
Acq: 5 Nov 2016 00:19

Tgt Ion:252 Resp: 93087

Ion	Ratio	Lower	Upper
252	100		
253	25.2	17.8	26.8
125	18.3	8.6	13.0#

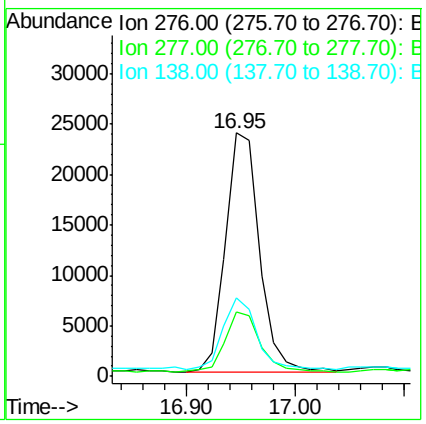




#91
Benzo(g,h,i)perylene
Concen: 3.54 ng
RT: 16.95 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF091040.D
Acq: 5 Nov 2016 00:19

Tgt Ion:276 Resp: 51023

Ion	Ratio	Lower	Upper
276	100		
277	26.7	19.2	28.8
138	32.2	23.3	34.9



Instrument :
BNA_F
ClientSampleId :
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