Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110416\
Data File : BF091035.D
Acq On : 4 Nov 2016 22:02
Operator : UM/SJ
Sample : H5526-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-98-0.5-1.0

Manual Integrations APPROVED
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11/7/2016 4:39:43 PM

Quant Time: Nov 07 04:50:01 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	199086	20.00	ng		0.00
21) Naphthalene-d8	7.98	136	733405	20.00	ng		-0.01
38) Acenaphthene-d10	9.74	164	377587	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	499506	20.00	ng		-0.01
75) Chrysene-d12	13.86	240	454704	20.00	ng		0.00
86) Perylene-d12	15.24	264	359932	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	1492462	123.81	ng		0.01
7) Phenol-d6	6.36	99	2112985	129.14	ng		0.01
23) Nitrobenzene-d5	7.28	82	1368496	101.79	ng		0.00
41) 2,4,6-Tribromophenol	10.53	330	426521	124.95	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	1777468	81.04	ng		0.00
78) Terphenyl-d14	12.81	244	1250143	68.61	ng		0.00
Target Compounds							Qvalue
49) Dimethylphthalate	9.47	163	598699	24.18	ng		98
70) Phenanthrene	11.24	178	574221	21.63	ng		99
71) Anthracene	11.30	178	125933	4.46	ng		97
74) Fluoranthene	12.43	202	1089933	39.58	ng		98
77) Pyrene	12.66	202	978288	32.85	ng		99
80) Benzo(a)anthracene	13.85	228	544912m	21.11	ng		
82) Chrysene	13.88	228	533741m	20.97	ng		
85) Indeno(1,2,3-cd)pyrene	16.56	276	253156	11.99	ng		94
87) Benzo(b)fluoranthene	14.87	252	798515m	32.71	ng		
88) Benzo(k)fluoranthene	14.88	252	203371m	9.50	ng		
89) Benzo(a)pyrene	15.19	252	386920	18.21	ng	#	94
90) Dibenzo(a,h)anthracene	16.56	278	56140m	3.06	ng		
91) Benzo(g,h,i)perylene	16.95	276	233885	14.08	ng		96

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

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BNA_F
ClientSampleId :
SB-98-0.5-1.0

Manual Integrations APPROVED
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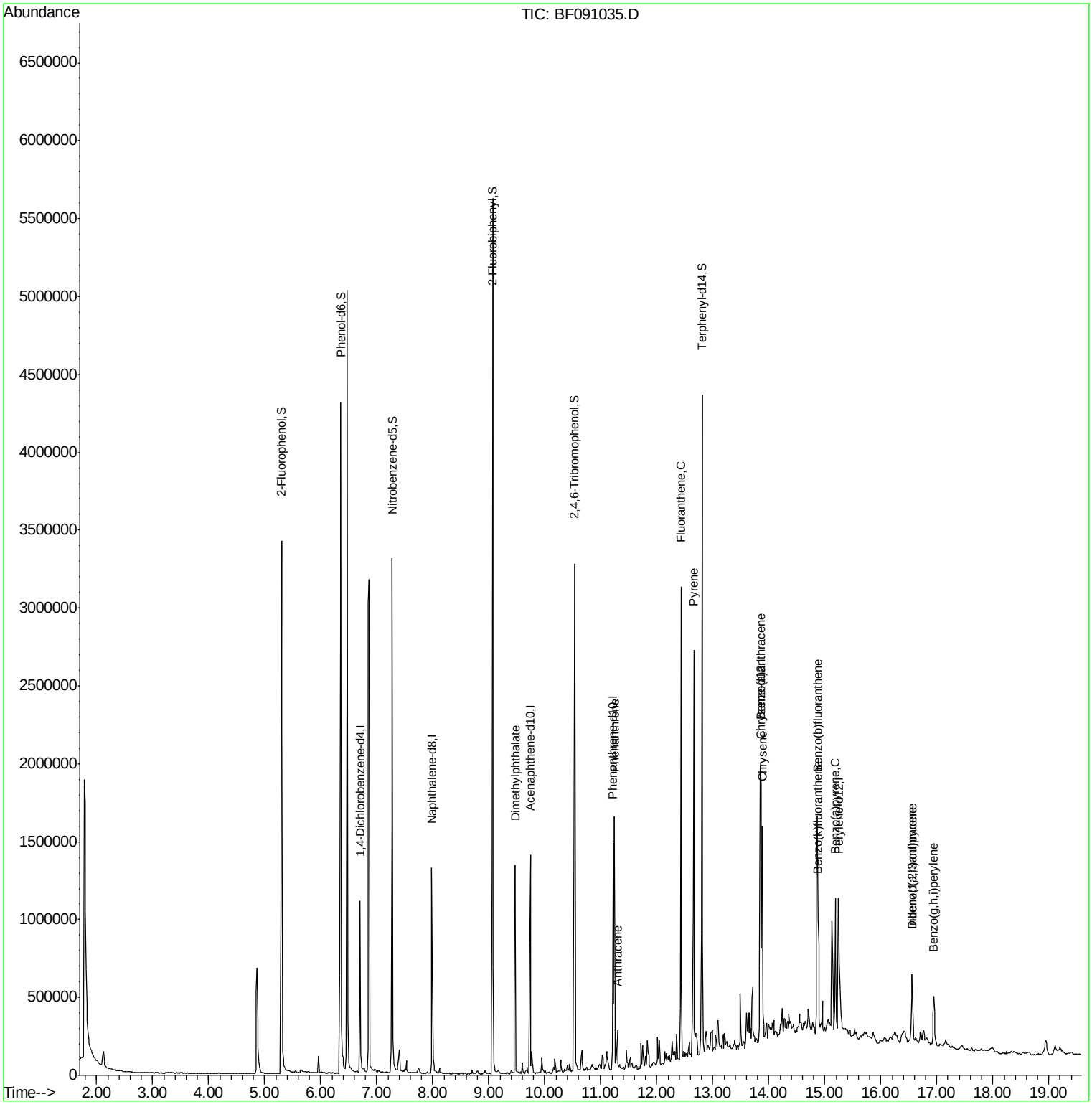
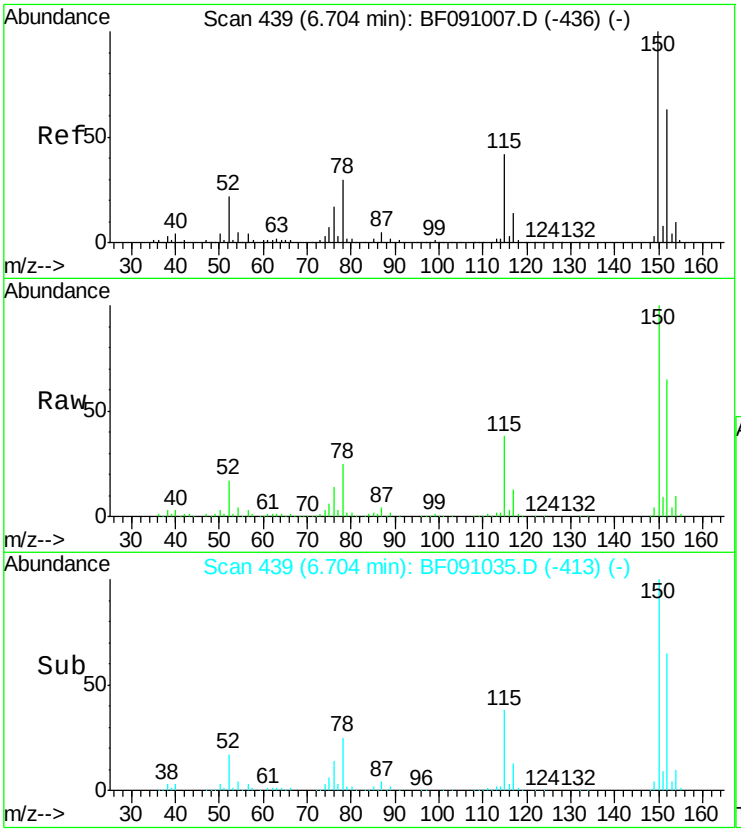
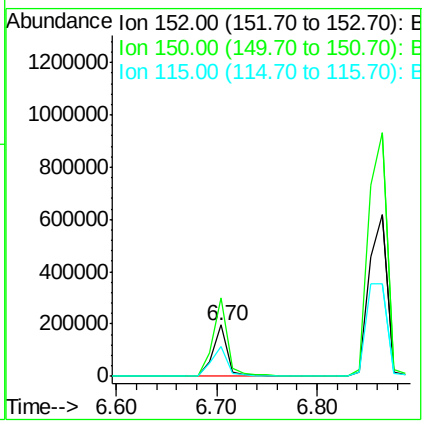




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.70 min Scan# 439
Delta R.T. 0.00 min
Lab File: BF091035.D
Acq: 4 Nov 2016 22:02

Tgt Ion:152 Resp: 199086

Ion	Ratio	Lower	Upper
152	100		
150	153.7	126.8	190.2
115	58.9	53.3	79.9



Instrument :
BNA_F
ClientSampleId :
SB-98-0.5-1.0

Manual Integrations APPROVED
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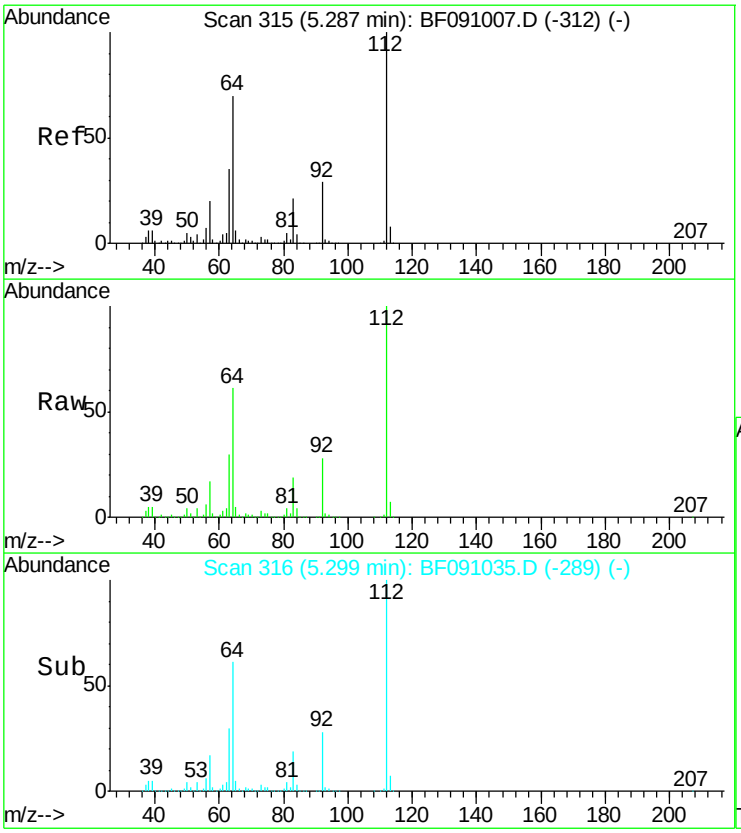
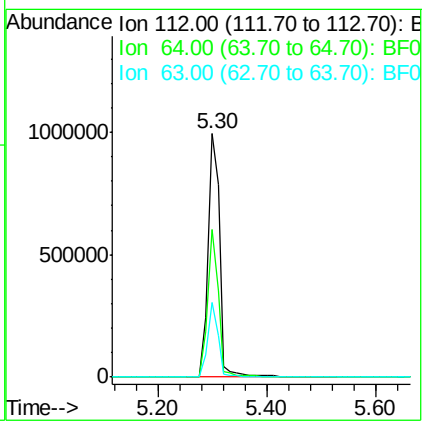
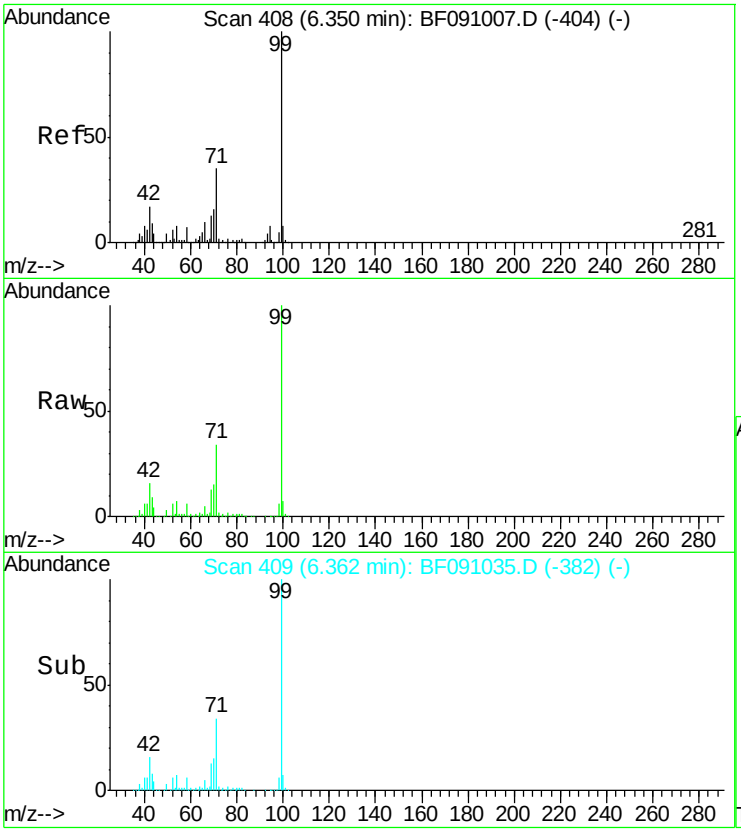


#5
2-Fluorophenol
Concen: 123.81 ng
RT: 5.30 min Scan# 316
Delta R.T. 0.01 min
Lab File: BF091035.D
Acq: 4 Nov 2016 22:02

Tgt Ion:112 Resp: 1492462

Ion	Ratio	Lower	Upper
112	100		
64	60.9	55.8	83.6
63	30.4	28.0	42.0

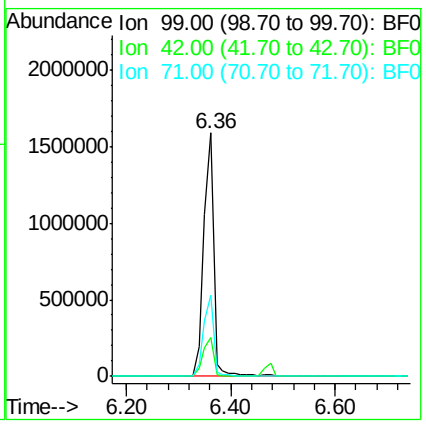




#7
Phenol-d6
Concen: 129.14 ng
RT: 6.36 min Scan# 409
Delta R.T. 0.01 min
Lab File: BF091035.D
Acq: 4 Nov 2016 22:02

Tgt Ion: 99 Resp: 2112985

Ion	Ratio	Lower	Upper
99	100		
42	16.2	13.9	20.9
71	33.5	27.8	41.8



Instrument :
BNA_F
ClientSampleId :
SB-98-0.5-1.0

Manual Integrations APPROVED
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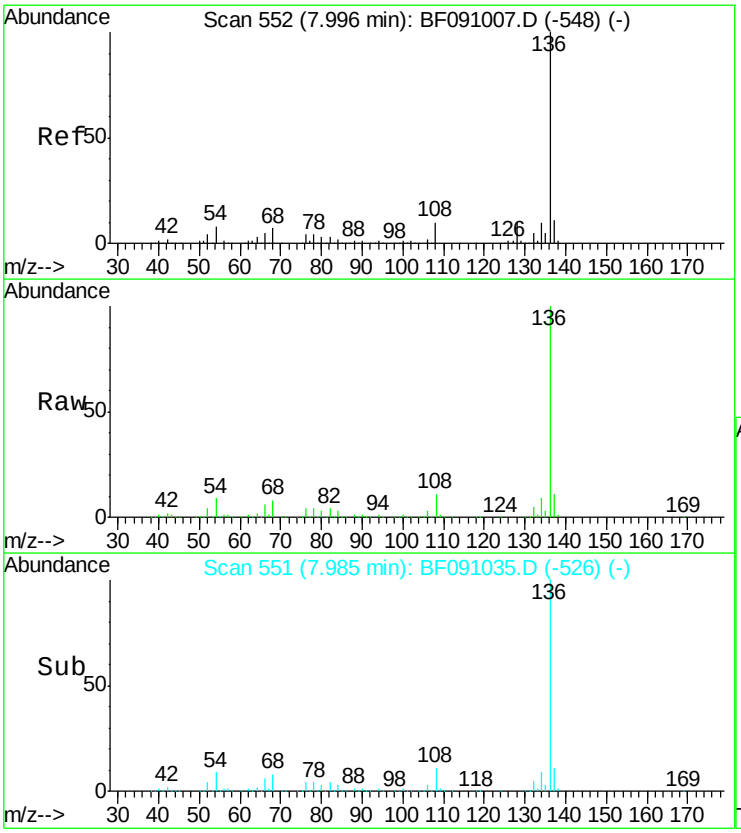
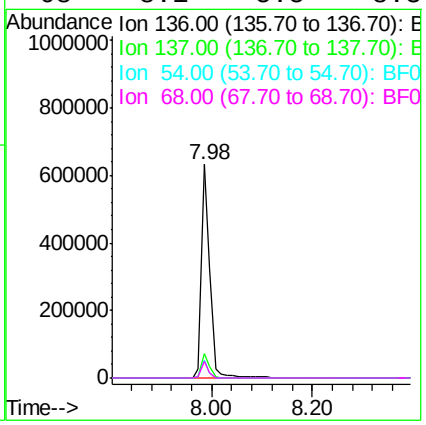
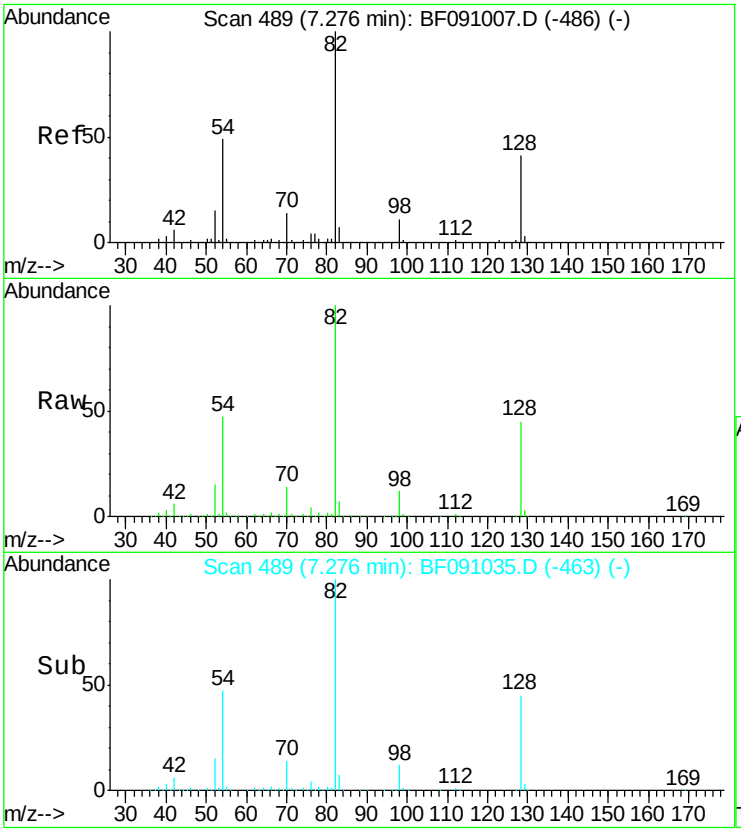


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.98 min Scan# 551
Delta R.T. -0.01 min
Lab File: BF091035.D
Acq: 4 Nov 2016 22:02

Tgt Ion:136 Resp: 733405

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	8.6	6.2	9.2
68	8.1	5.5	8.3

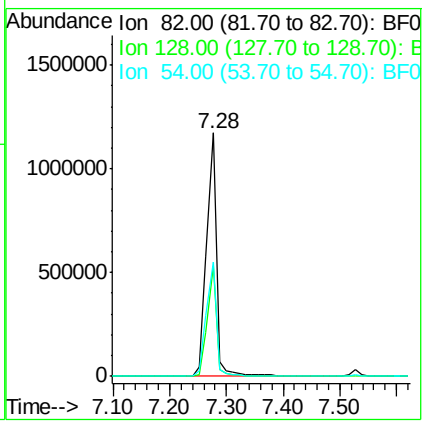




#23
Nitrobenzene-d5
Concen: 101.79 ng
RT: 7.28 min Scan# 489
Delta R.T. 0.00 min
Lab File: BF091035.D
Acq: 4 Nov 2016 22:02

Tgt Ion: 82 Resp: 1368496

Ion	Ratio	Lower	Upper
82	100		
128	45.4	32.4	48.6
54	47.1	39.2	58.8



Instrument :
BNA_F
ClientSampleId :
SB-98-0.5-1.0

Manual Integrations APPROVED
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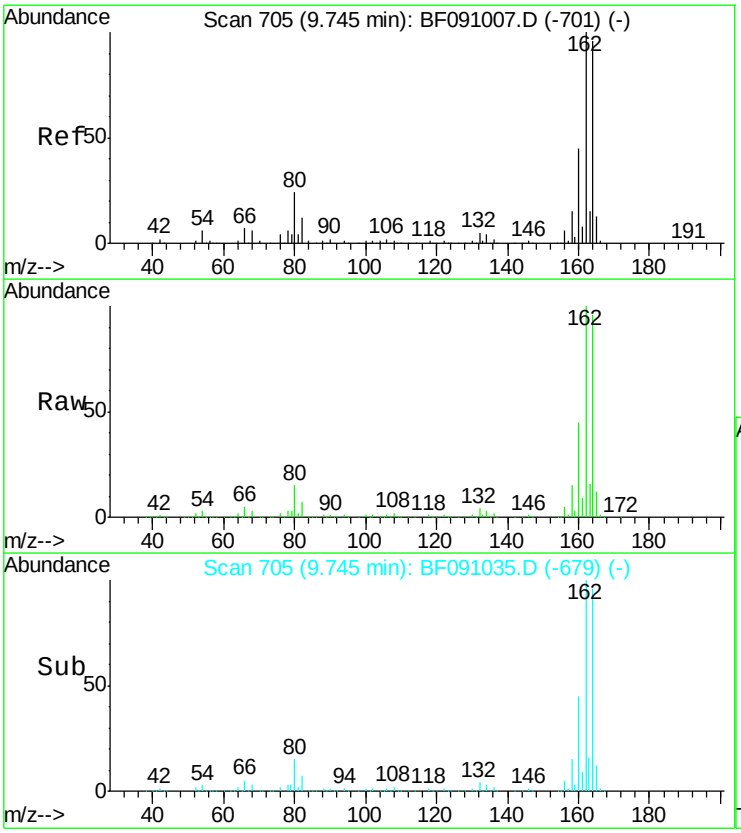
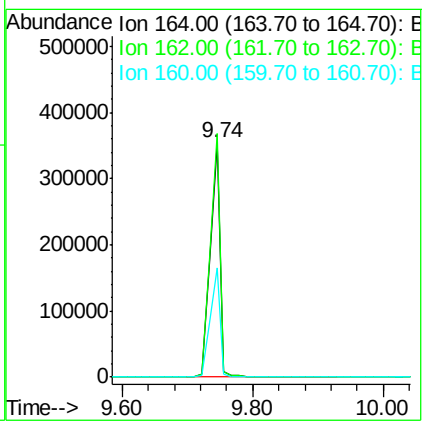
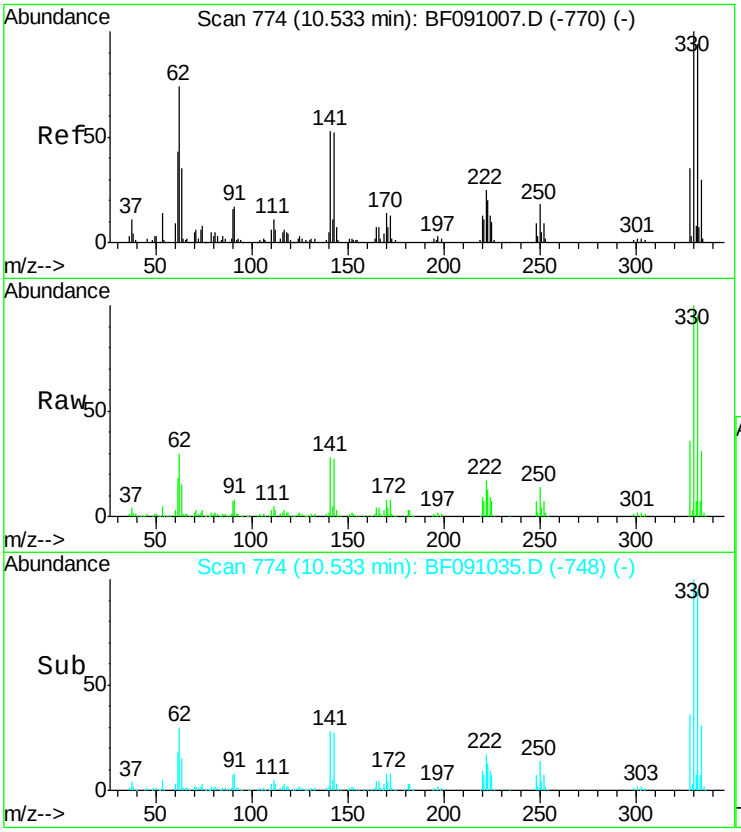


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.74 min Scan# 705
Delta R.T. 0.00 min
Lab File: BF091035.D
Acq: 4 Nov 2016 22:02

Tgt Ion:164 Resp: 377587

Ion	Ratio	Lower	Upper
164	100		
162	104.3	83.6	125.4
160	46.9	37.9	56.9

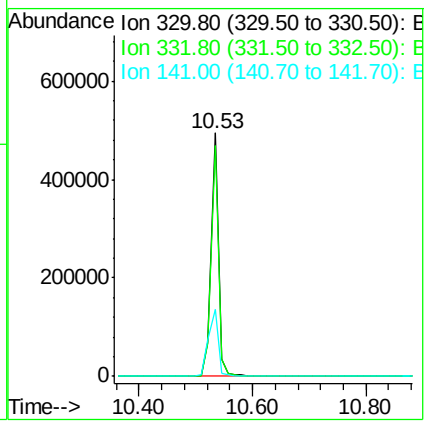




#41
2,4,6-Tribromophenol
Concen: 124.95 ng
RT: 10.53 min Scan# 774
Delta R.T. 0.00 min
Lab File: BF091035.D
Acq: 4 Nov 2016 22:02

Tgt Ion:330 Resp: 426521

Ion	Ratio	Lower	Upper
330	100		
332	95.1	75.9	113.9
141	36.4	36.1	54.1



Instrument :
BNA_F
ClientSampleId :
SB-98-0.5-1.0

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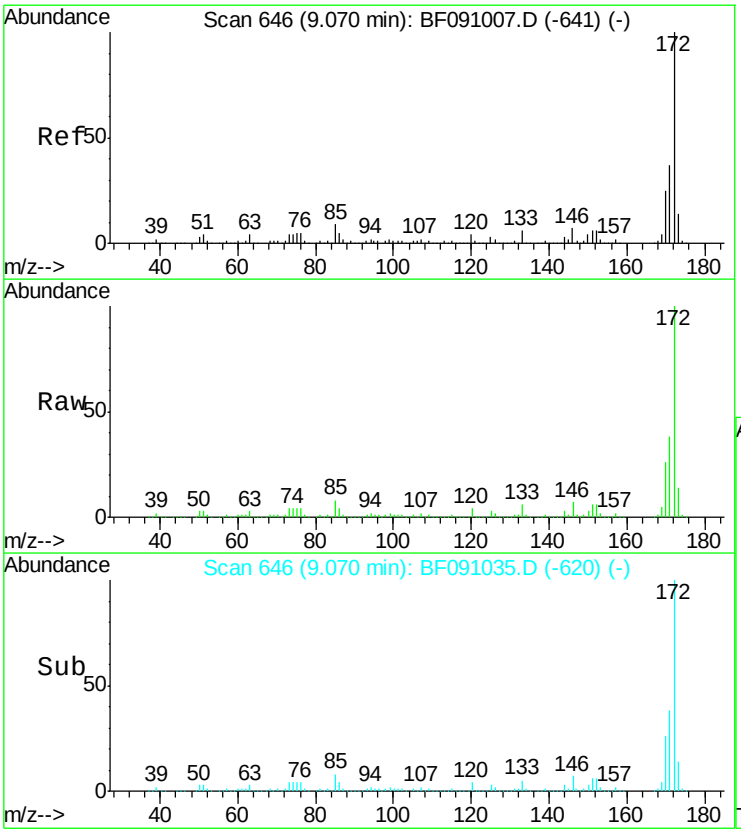
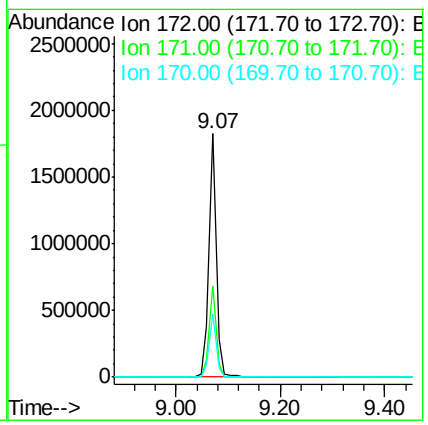
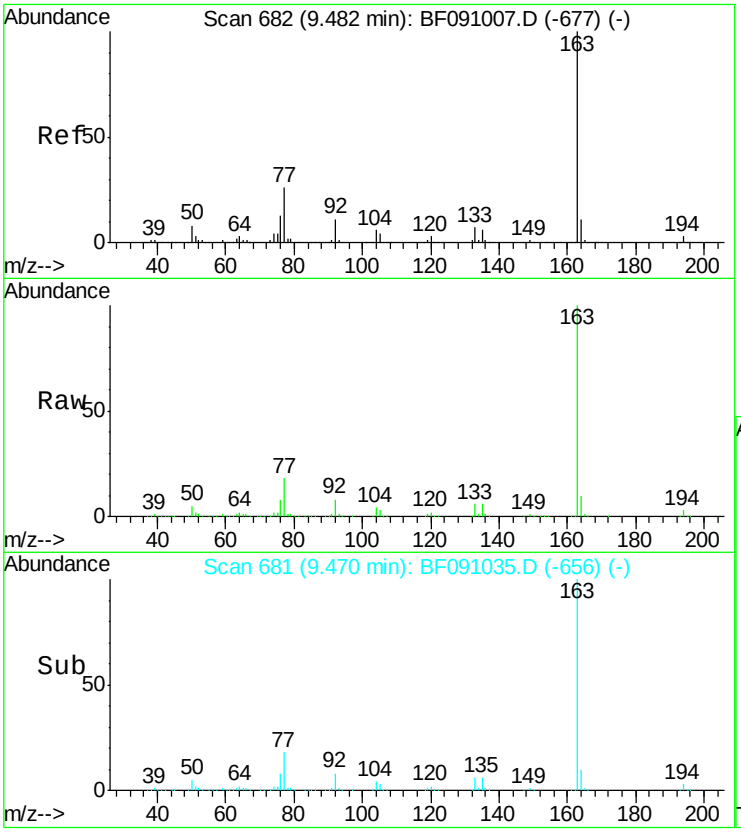


#44
2-Fluorobiphenyl
Concen: 81.04 ng
RT: 9.07 min Scan# 646
Delta R.T. 0.00 min
Lab File: BF091035.D
Acq: 4 Nov 2016 22:02

Tgt Ion:172 Resp: 1777468

Ion	Ratio	Lower	Upper
172	100		
171	37.6	29.8	44.6
170	25.8	20.3	30.5

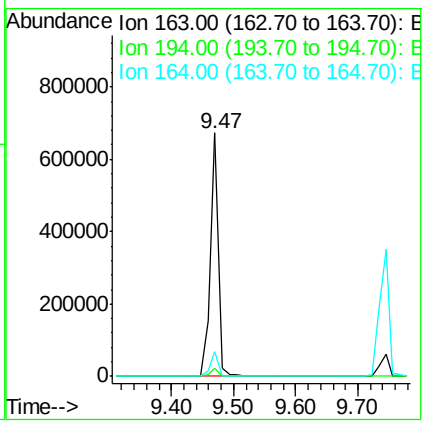




#49
Dimethylphthalate
Concen: 24.18 ng
RT: 9.47 min Scan# 681
Delta R.T. -0.01 min
Lab File: BF091035.D
Acq: 4 Nov 2016 22:02

Tgt Ion:163 Resp: 598699

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	9.9	8.7	13.1



Instrument :
BNA_F
ClientSampleId :
SB-98-0.5-1.0

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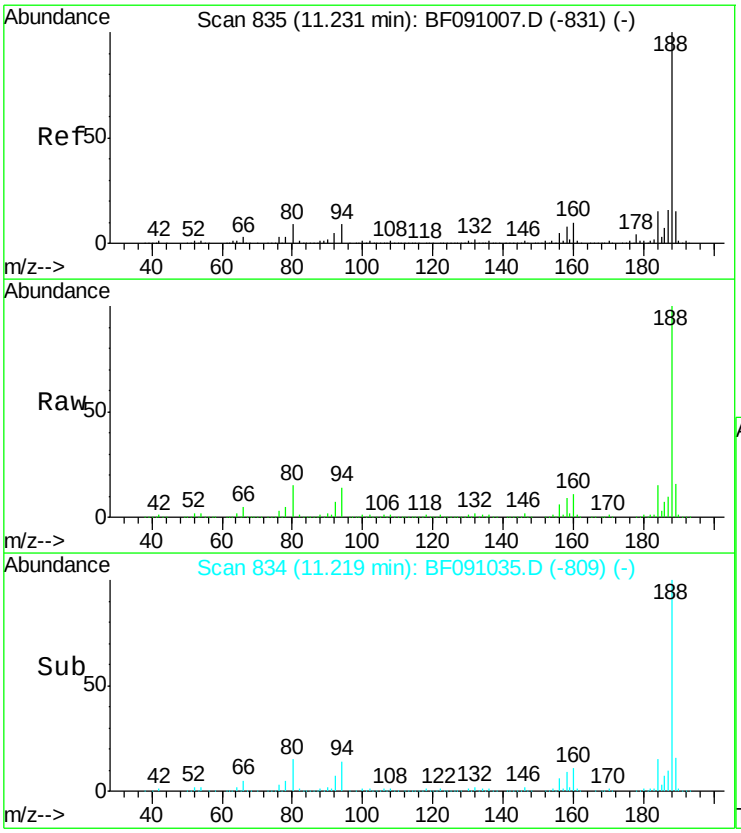
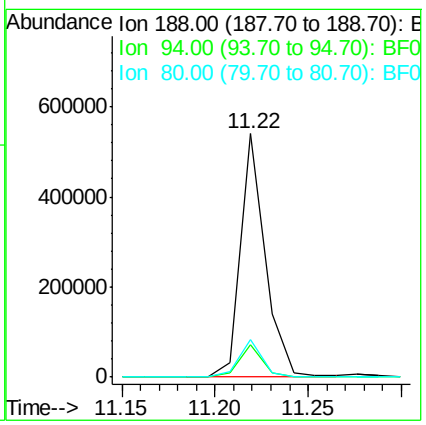
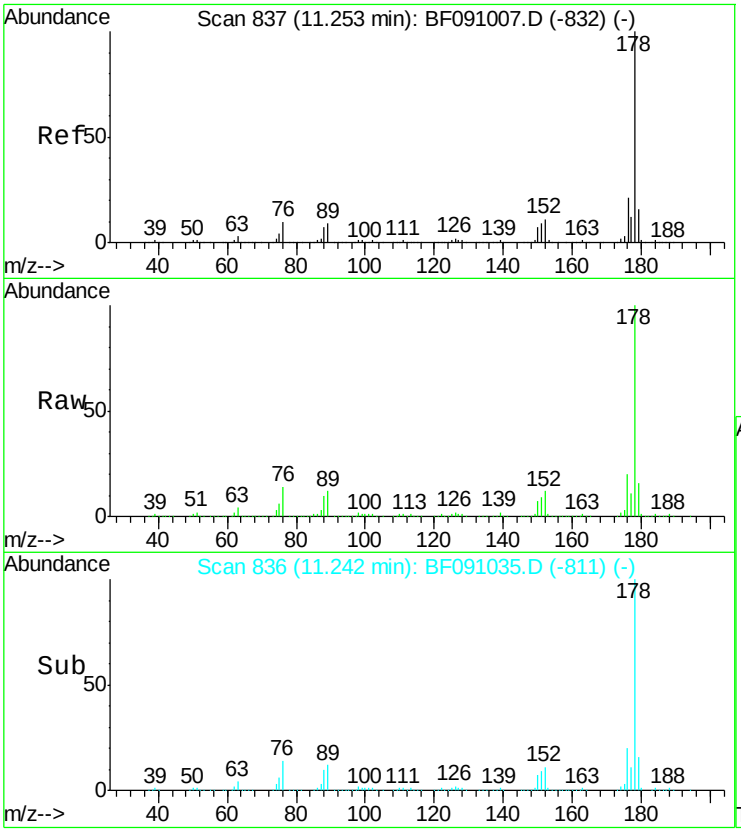


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 834
Delta R.T. -0.01 min
Lab File: BF091035.D
Acq: 4 Nov 2016 22:02

Tgt Ion:188 Resp: 499506

Ion	Ratio	Lower	Upper
188	100		
94	13.5	7.0	10.4#
80	15.3	7.5	11.3#

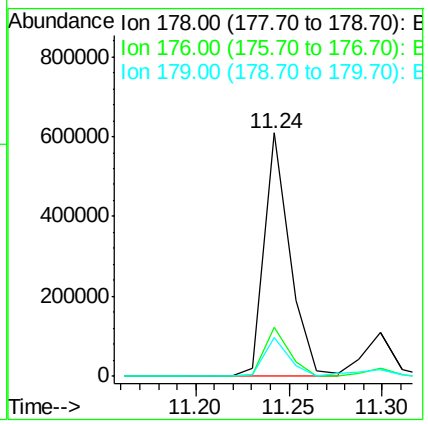




#70
Phenanthrene
Concen: 21.63 ng
RT: 11.24 min Scan# 836
Delta R.T. -0.01 min
Lab File: BF091035.D
Acq: 4 Nov 2016 22:02

Tgt Ion:178 Resp: 574221

Ion	Ratio	Lower	Upper
178	100		
176	19.9	16.6	25.0
179	15.7	12.9	19.3



Instrument :
BNA_F
ClientSampleId :
SB-98-0.5-1.0

Manual Integrations APPROVED
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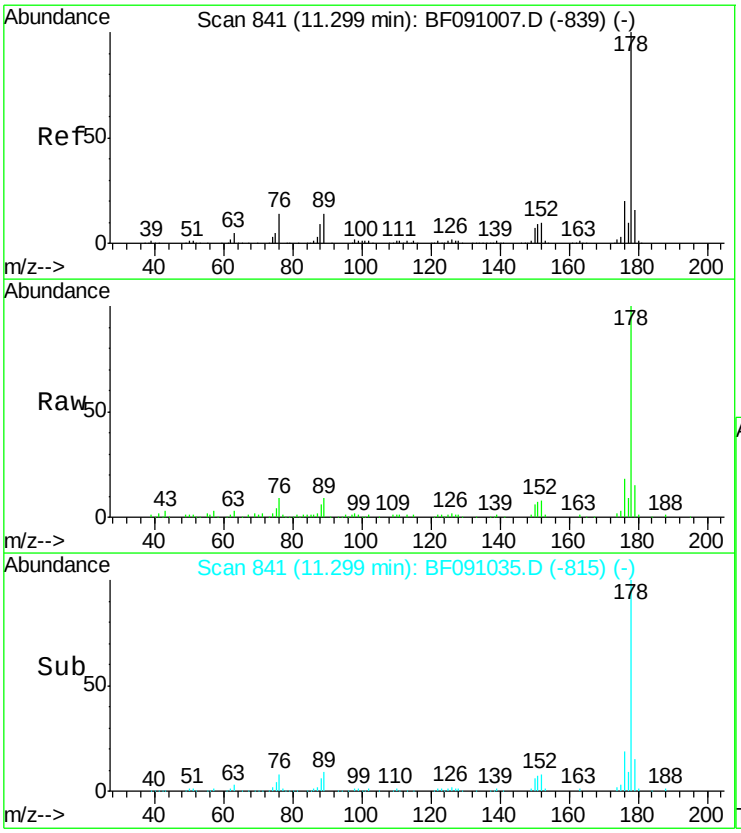
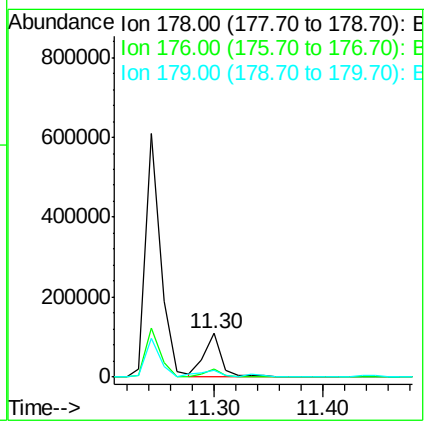
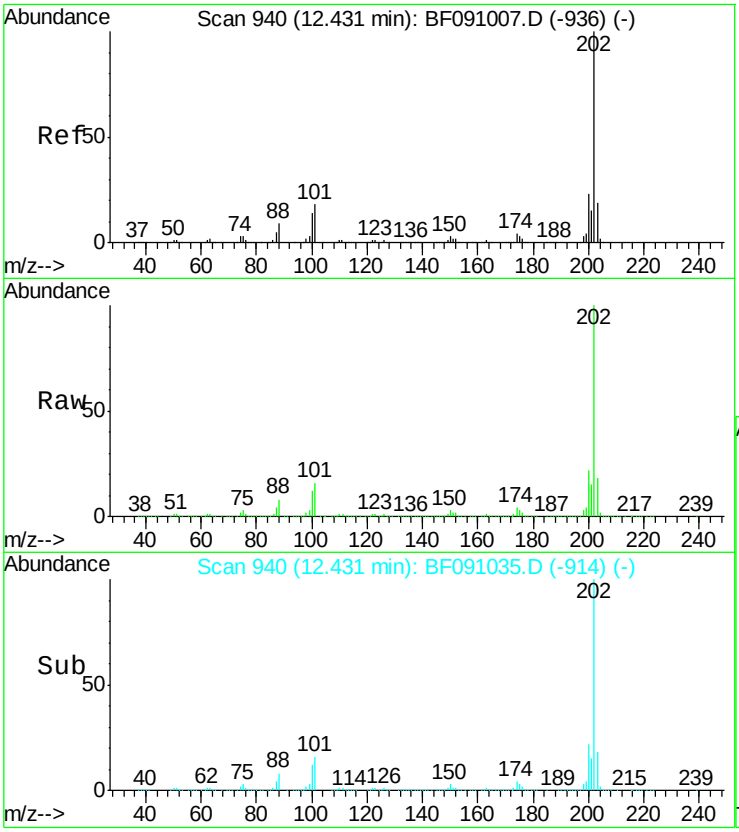


#71
Anthracene
Concen: 4.46 ng
RT: 11.30 min Scan# 841
Delta R.T. 0.00 min
Lab File: BF091035.D
Acq: 4 Nov 2016 22:02

Tgt Ion:178 Resp: 125933

Ion	Ratio	Lower	Upper
178	100		
176	18.5	16.0	24.0
179	15.5	13.0	19.6

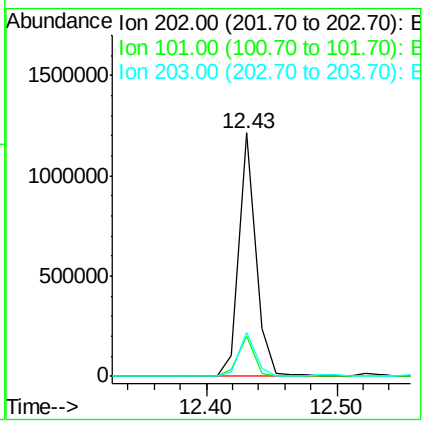




#74
Fluoranthene
Concen: 39.58 ng
RT: 12.43 min Scan# 940
Delta R.T. 0.00 min
Lab File: BF091035.D
Acq: 4 Nov 2016 22:02

Tgt Ion:202 Resp: 1089933

Ion	Ratio	Lower	Upper
202	100		
101	16.4	0.0	37.6
203	18.3	0.0	38.6



Instrument :
BNA_F
ClientSampleId :
SB-98-0.5-1.0

Manual Integrations APPROVED
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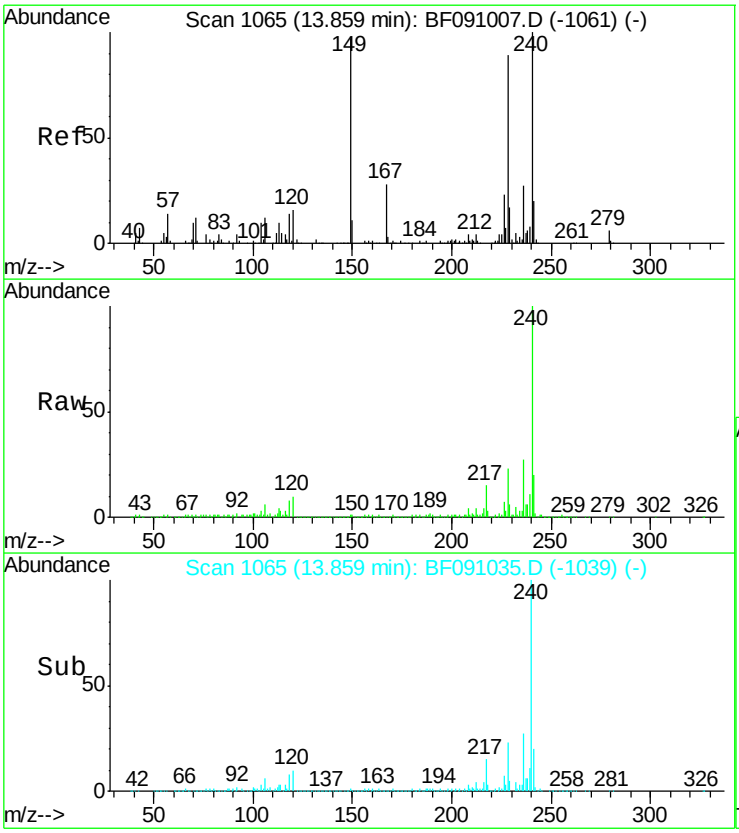
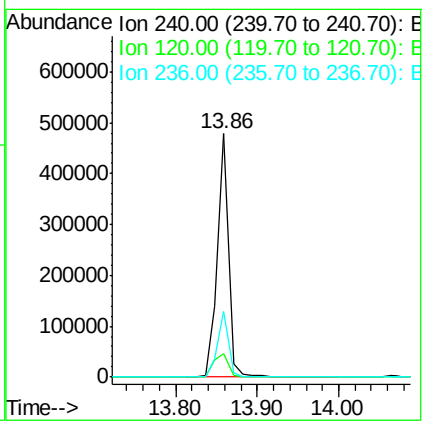
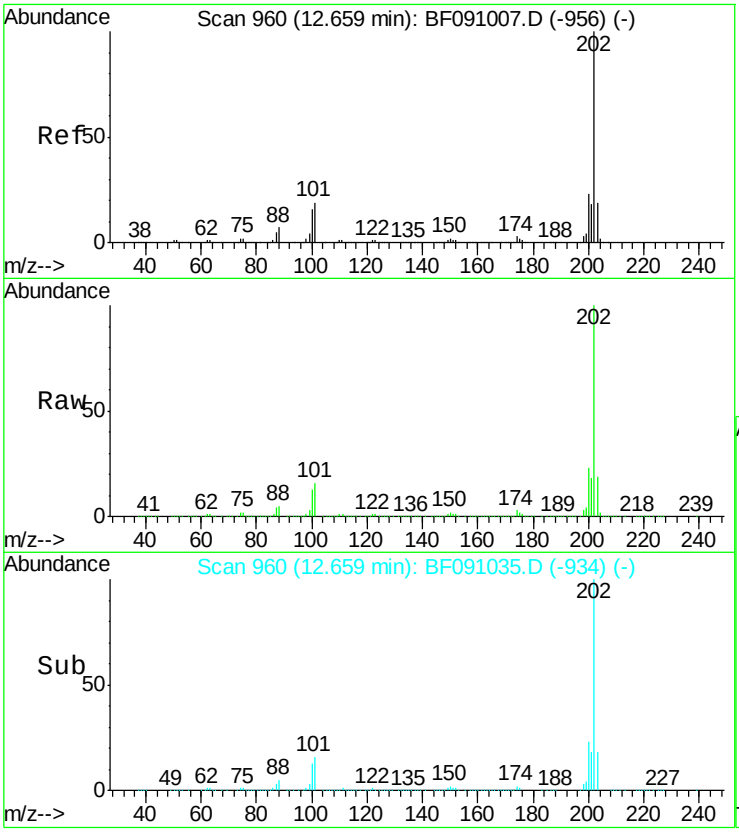


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.86 min Scan# 1065
Delta R.T. 0.00 min
Lab File: BF091035.D
Acq: 4 Nov 2016 22:02

Tgt Ion:240 Resp: 454704

Ion	Ratio	Lower	Upper
240	100		
120	9.6	12.9	19.3#
236	26.9	21.9	32.9

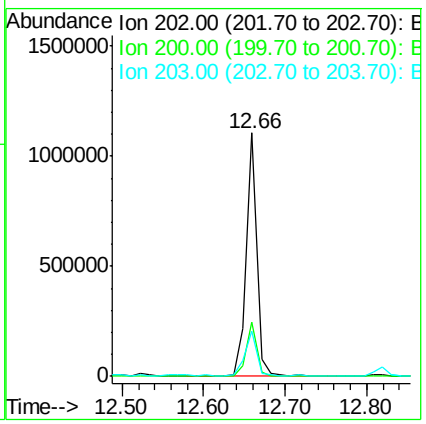




#77
Pyrene
Concen: 32.85 ng
RT: 12.66 min Scan# 960
Delta R.T. 0.00 min
Lab File: BF091035.D
Acq: 4 Nov 2016 22:02

Tgt Ion:202 Resp: 978288

Ion	Ratio	Lower	Upper
202	100		
200	22.5	18.4	27.6
203	18.6	15.0	22.6



Instrument :
BNA_F
ClientSampleId :
SB-98-0.5-1.0

Manual Integrations APPROVED
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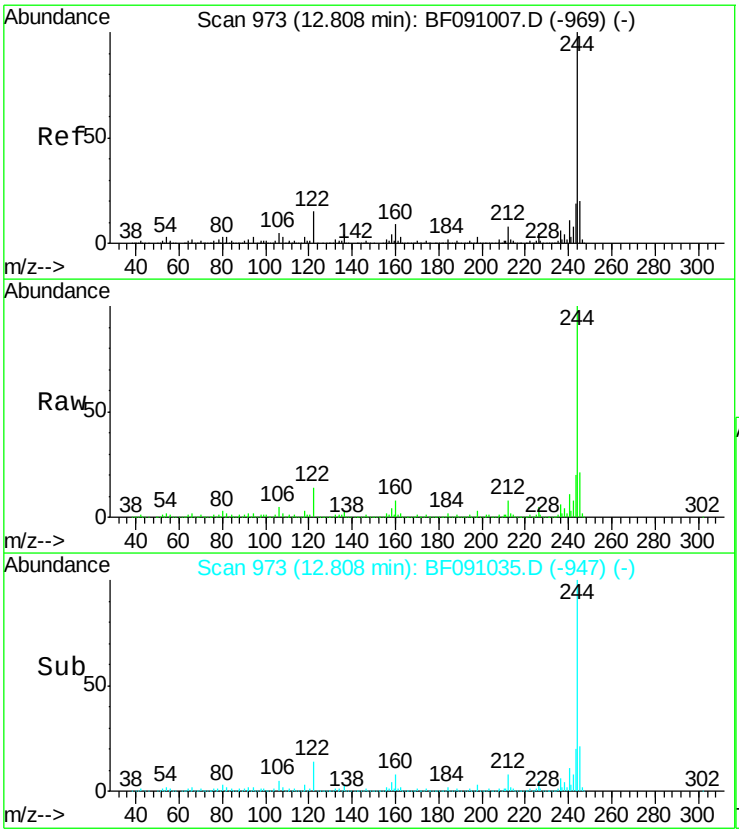
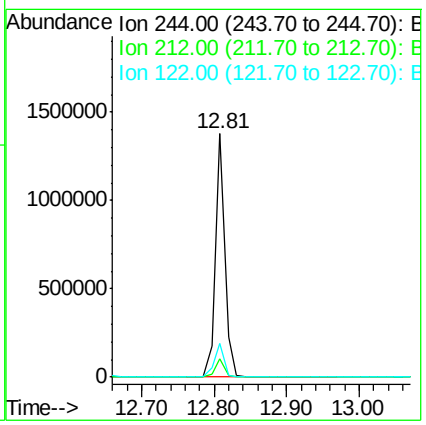
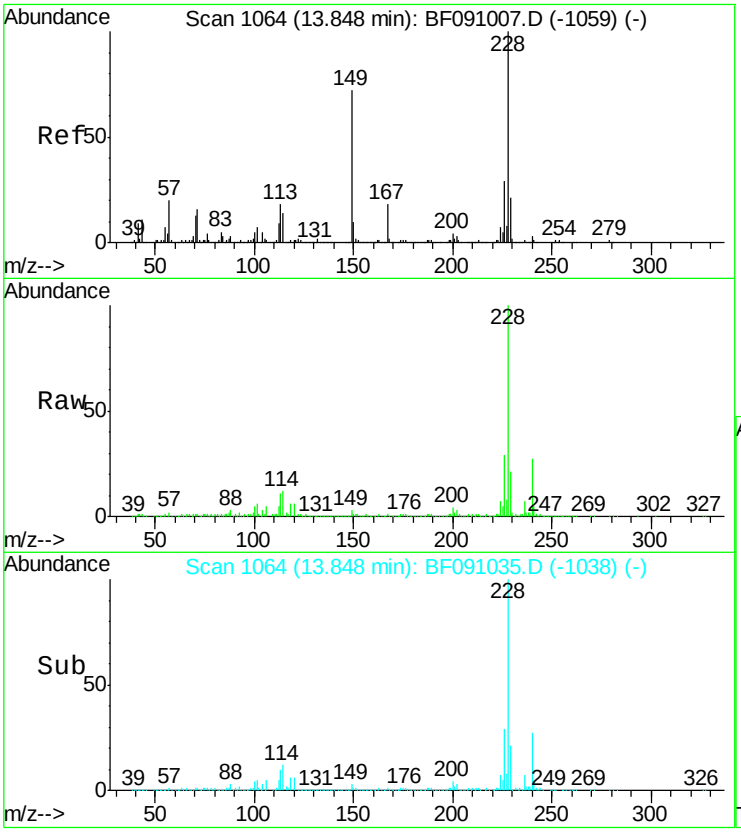


#78
Terphenyl-d14
Concen: 68.61 ng
RT: 12.81 min Scan# 973
Delta R.T. 0.00 min
Lab File: BF091035.D
Acq: 4 Nov 2016 22:02

Tgt Ion:244 Resp: 1250143

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.4	9.6
122	13.8	12.3	18.5

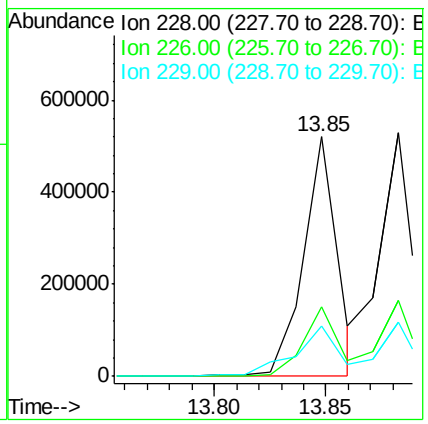




#80
Benzo(a)anthracene
Concen: 21.11 ng m
RT: 13.85 min Scan# 1064
Delta R.T. 0.00 min
Lab File: BF091035.D
Acq: 4 Nov 2016 22:02

Tgt Ion:228 Resp: 544912

Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.0	34.6
229	21.2	16.6	24.8



Instrument :
BNA_F
ClientSampleId :
SB-98-0.5-1.0

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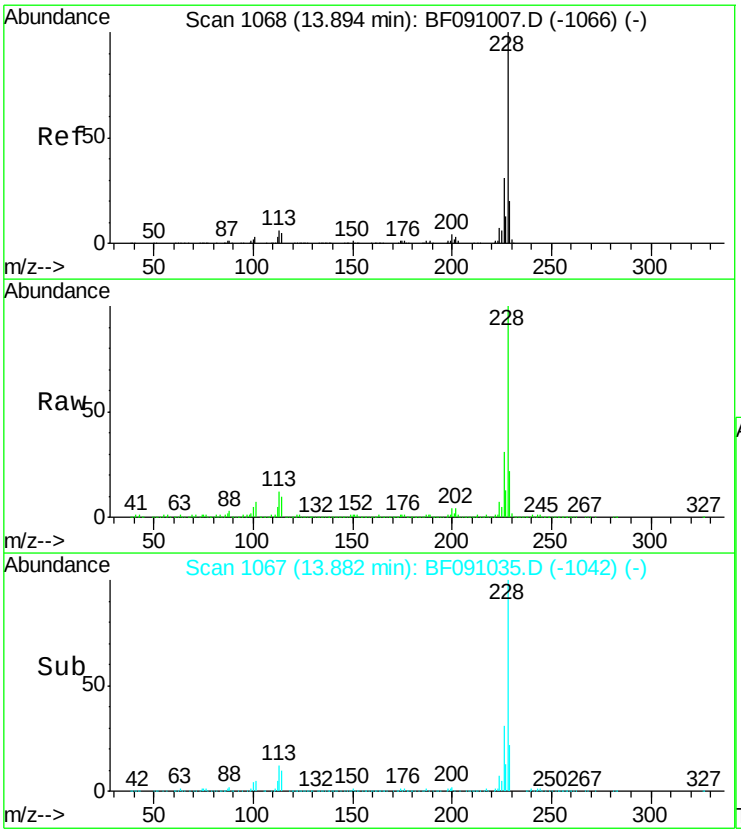
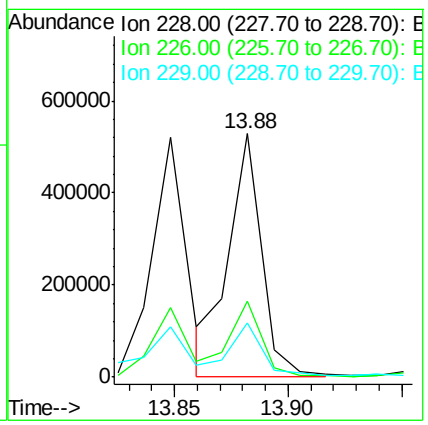
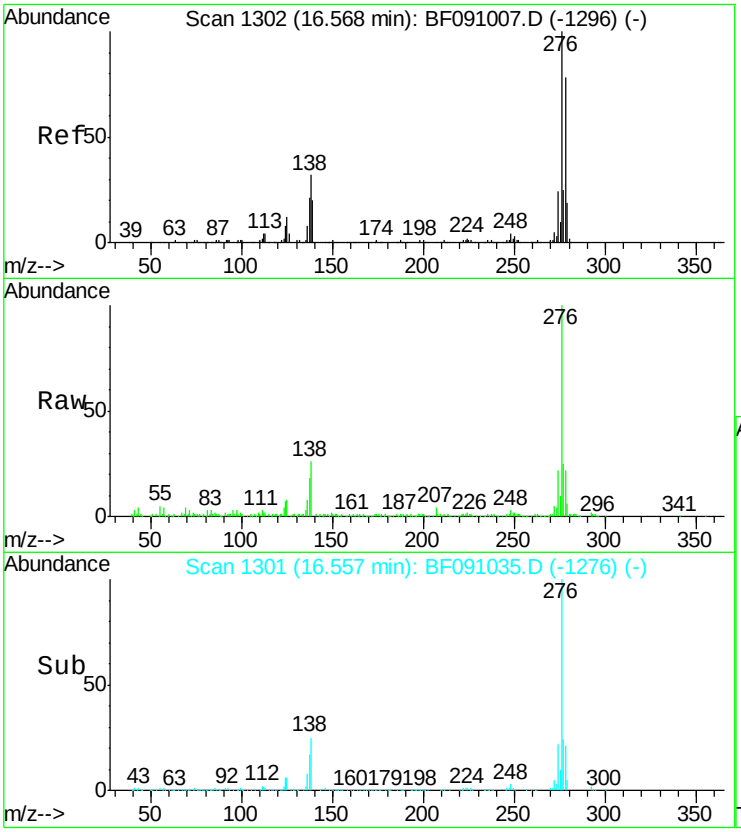


#82
Chrysene
Concen: 20.97 ng m
RT: 13.88 min Scan# 1067
Delta R.T. -0.01 min
Lab File: BF091035.D
Acq: 4 Nov 2016 22:02

Tgt Ion:228 Resp: 533741

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.9	37.3
229	22.4	15.9	23.9

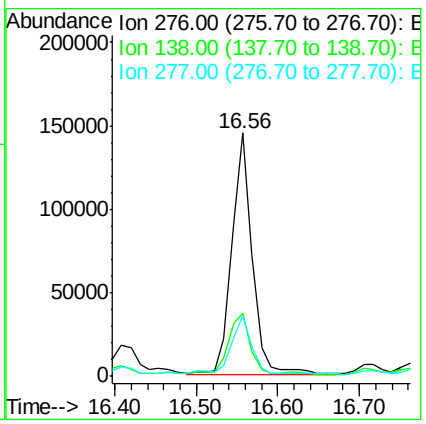




#85
Indeno(1,2,3-cd)pyrene
Concen: 11.99 ng
RT: 16.56 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BF091035.D
Acq: 4 Nov 2016 22:02

Tgt Ion:276 Resp: 253156

Ion	Ratio	Lower	Upper
276	100		
138	27.3	26.0	39.0
277	24.2	20.1	30.1



Instrument :
BNA_F
ClientSampleId :
SB-98-0.5-1.0

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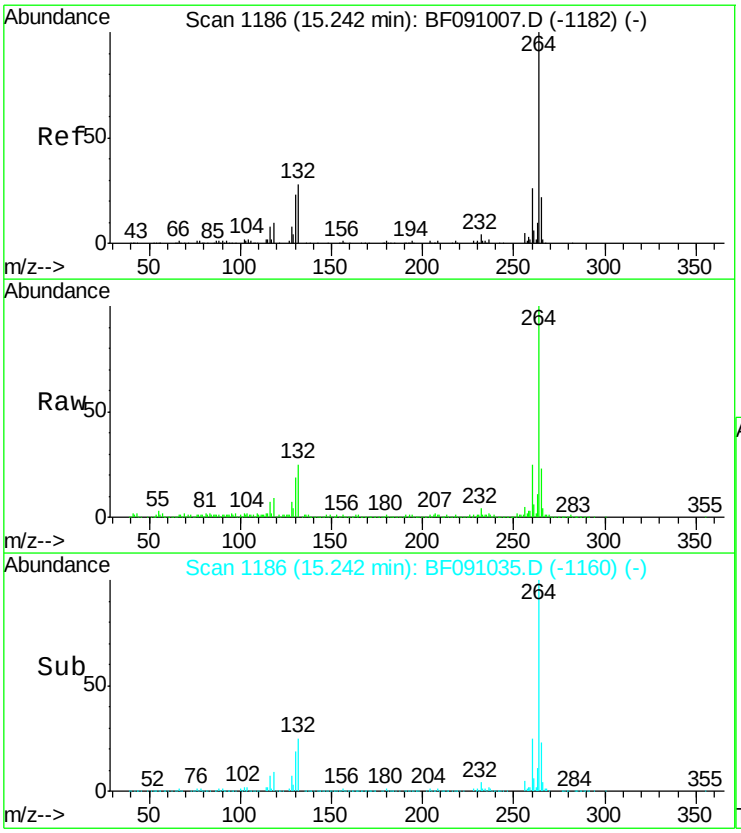
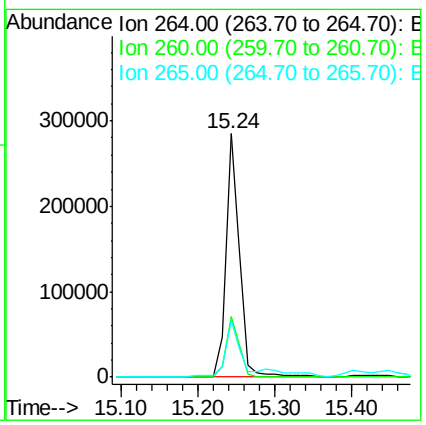
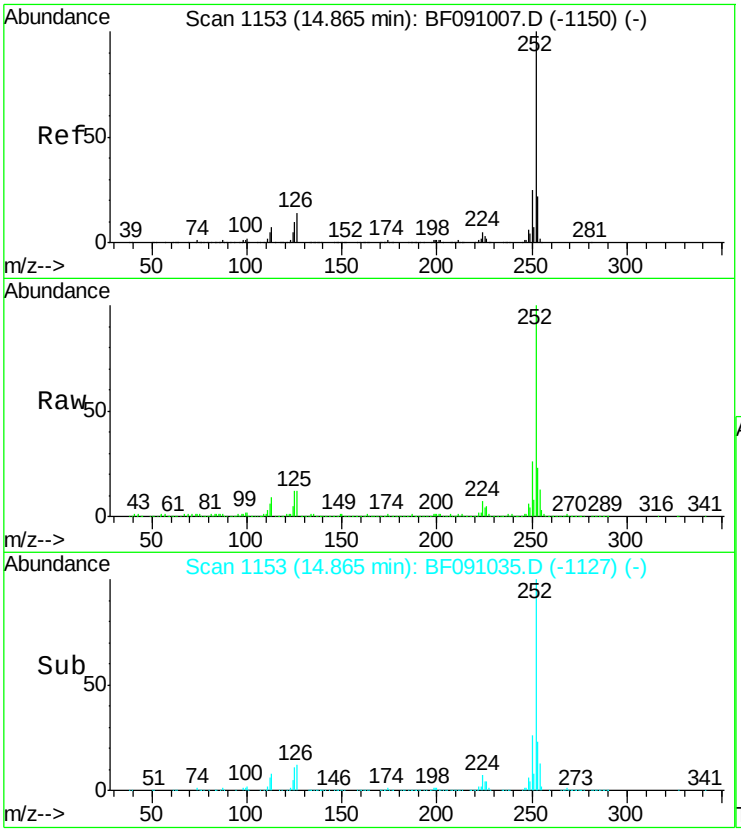


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.24 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BF091035.D
Acq: 4 Nov 2016 22:02

Tgt Ion:264 Resp: 359932

Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.6	30.8
265	23.1	17.8	26.8

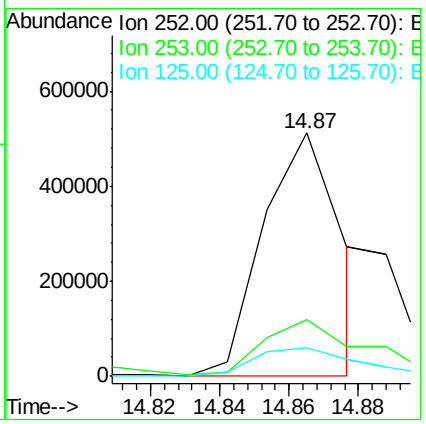




#87
Benzo(b)fluoranthene
Concen: 32.71 ng m
RT: 14.87 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BF091035.D
Acq: 4 Nov 2016 22:02

Tgt Ion:252 Resp: 798515

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.0	27.0
125	11.8	8.3	12.5



Instrument :
BNA_F
ClientSampleId :
SB-98-0.5-1.0

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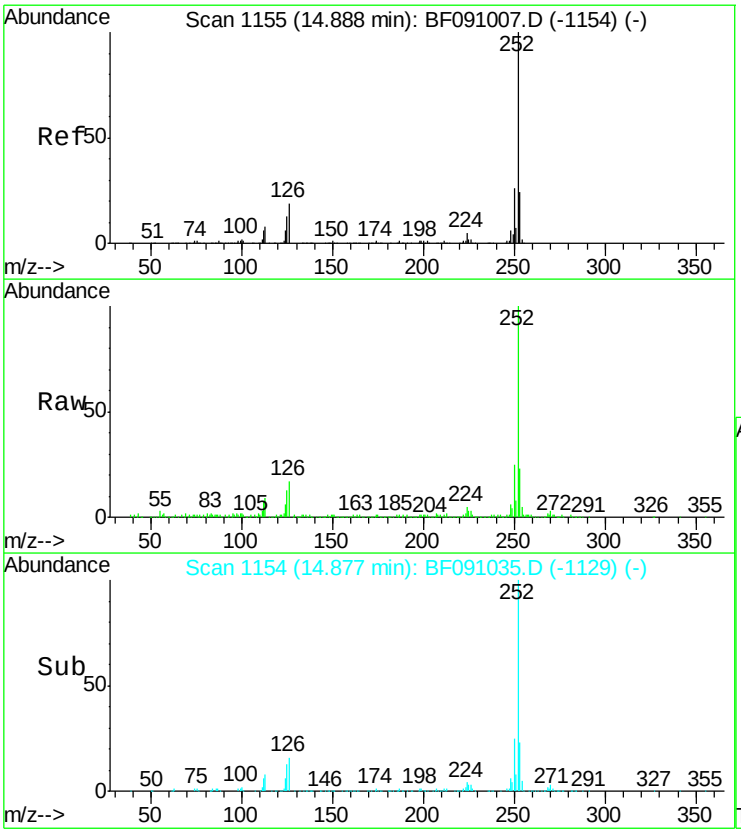
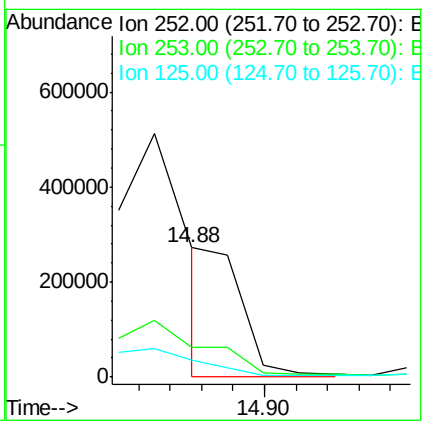
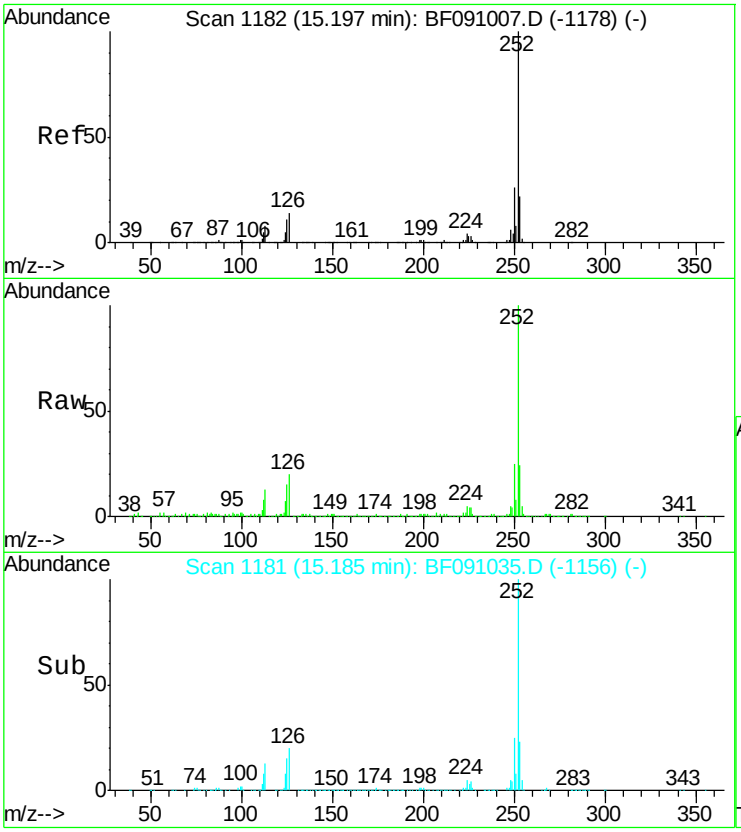


#88
Benzo(k)fluoranthene
Concen: 9.50 ng m
RT: 14.88 min Scan# 1154
Delta R.T. -0.01 min
Lab File: BF091035.D
Acq: 4 Nov 2016 22:02

Tgt Ion:252 Resp: 203371

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.6	28.0
125	13.3	11.2	16.8





#89
Benzo(a)pyrene
Concen: 18.21 ng
RT: 15.19 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BF091035.D
Acq: 4 Nov 2016 22:02

Tgt Ion:252 Resp: 386920

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.8	26.8
125	14.9	8.6	13.0#

Instrument :
BNA_F
ClientSampleId :
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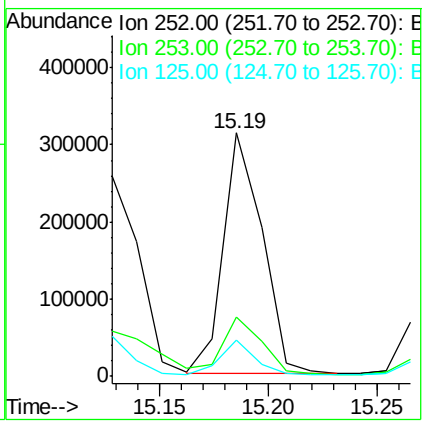
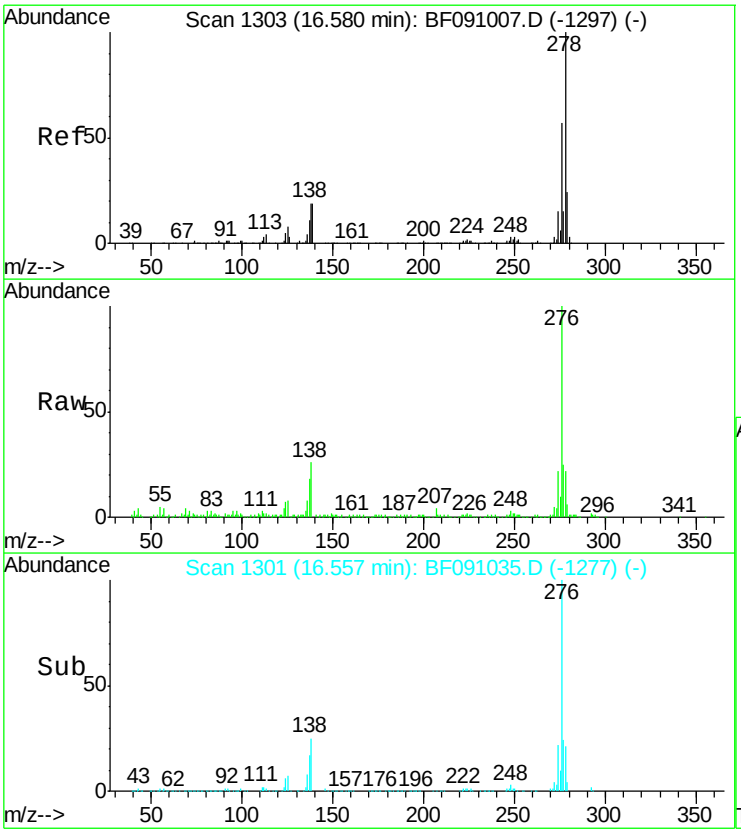
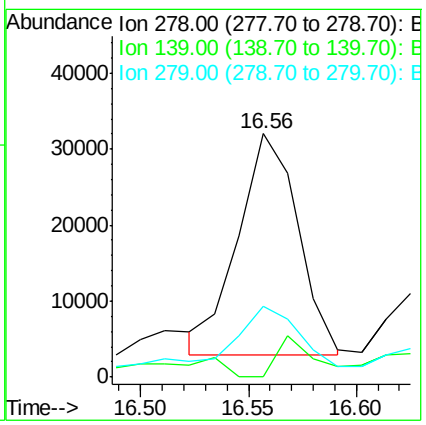


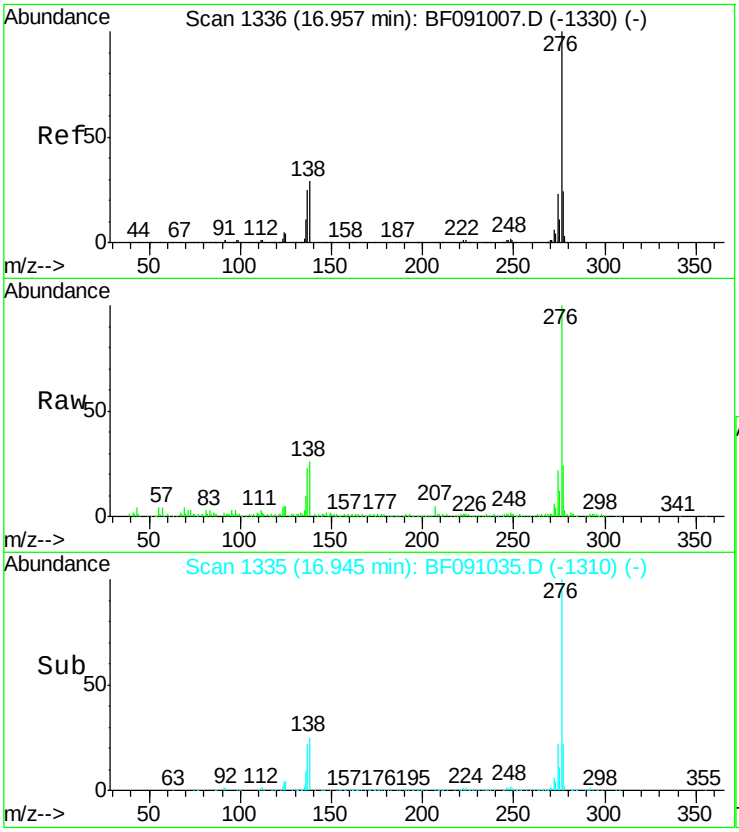


#90
Dibenzo(a,h)anthracene
Concen: 3.06 ng m
RT: 16.56 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BF091035.D
Acq: 4 Nov 2016 22:02

Tgt Ion:278 Resp: 56140

Ion	Ratio	Lower	Upper
278	100		
139	0.0	15.3	22.9#
279	29.2	19.3	28.9#

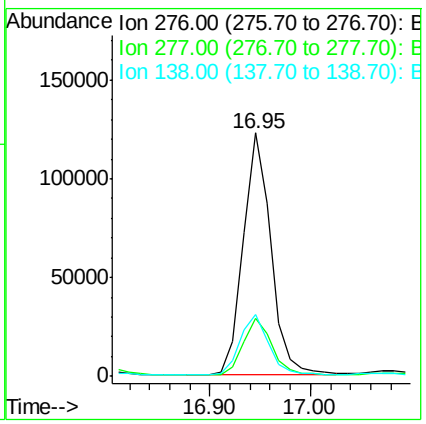




#91
Benzo(g,h,i)perylene
Concen: 14.08 ng
RT: 16.95 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF091035.D
Acq: 4 Nov 2016 22:02

Tgt Ion:276 Resp: 233885

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.2	28.8
138	25.5	23.3	34.9



Instrument :
BNA_F
ClientSampleId :
SB-98-0.5-1.0

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