Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112817\
Data File : BF100937.D
Acq On : 28 Nov 2017 16:46
Operator : SJ/JU
Sample : I6579-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HAR-5-E(0-1)

Manual Integrations APPROVED
Sohil
11/29/2017 4:28:35 PM

Quant Time: Nov 29 06:54:18 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 28 15:21:02 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	64500	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	244735	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	103667	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	165843	20.00	ng		0.00
75) Chrysene-d12	14.02	240	144306	20.00	ng		0.00
86) Perylene-d12	15.49	264	143587	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	378742	94.13	ng		0.00
7) Phenol-d6	6.49	99	458816	92.47	ng		0.00
23) Nitrobenzene-d5	7.42	82	277809	75.05	ng		0.00
41) 2,4,6-Tribromophenol	10.69	330	101246	95.84	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	524457	77.03	ng		0.00
78) Terphenyl-d14	12.96	244	375594	59.80	ng		0.00
Target Compounds							Qvalue
49) Dimethylphthalate	9.60	163	25856	3.267	ng	#	99
70) Phenanthrene	11.40	178	35980	4.121	ng		97
74) Fluoranthene	12.59	202	74549	8.056	ng		96
77) Pyrene	12.82	202	74518	7.244	ng		99
80) Benzo(a)anthracene	14.01	228	50644	5.828	ng		98
82) Chrysene	14.05	228	44901	5.336	ng		97
85) Indeno(1,2,3-cd)pyrene	16.97	276	19460m	2.859	ng		
87) Benzo(b)fluoranthene	15.06	252	55359m	6.508	ng		
88) Benzo(k)fluoranthene	15.09	252	17853m	2.221	ng		
89) Benzo(a)pyrene	15.43	252	39444	5.230	ng		96
91) Benzo(g,h,i)perylene	17.42	276	17963	2.975	ng	#	86

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

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BNA_F
ClientSampleId :
HAR-5-E(0-1)

Manual Integrations APPROVED
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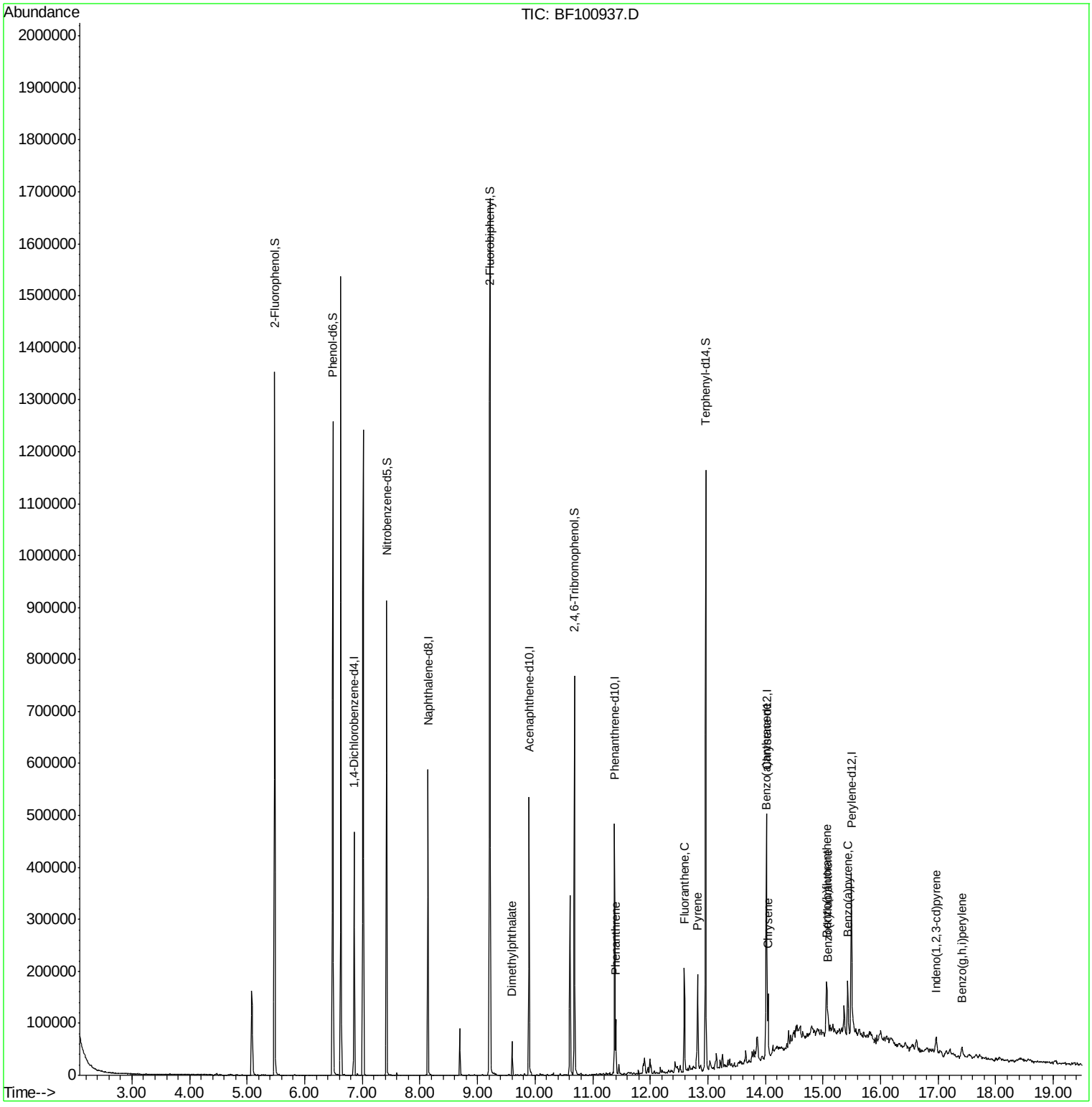
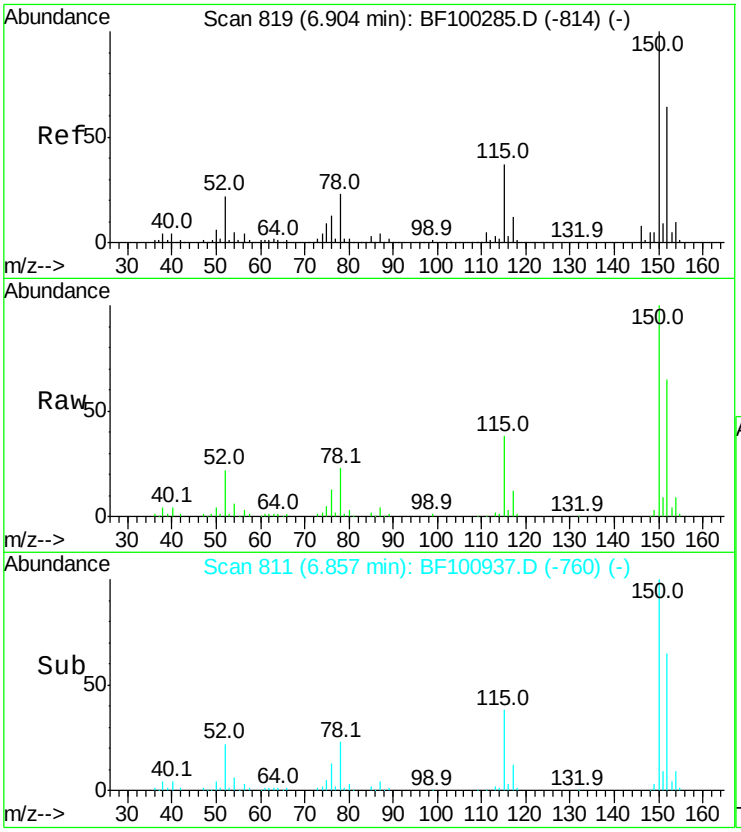
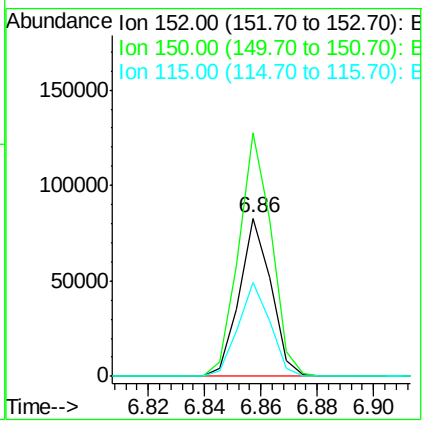




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF100937.D
Acq: 28 Nov 2017 16:46

Tgt Ion:152 Resp: 64500

Ion	Ratio	Lower	Upper
152	100		
150	154.1	124.6	186.8
115	59.0	50.1	75.1



Instrument :
BNA_F
ClientSampleId :
HAR-5-E(0-1)

Manual Integrations APPROVED
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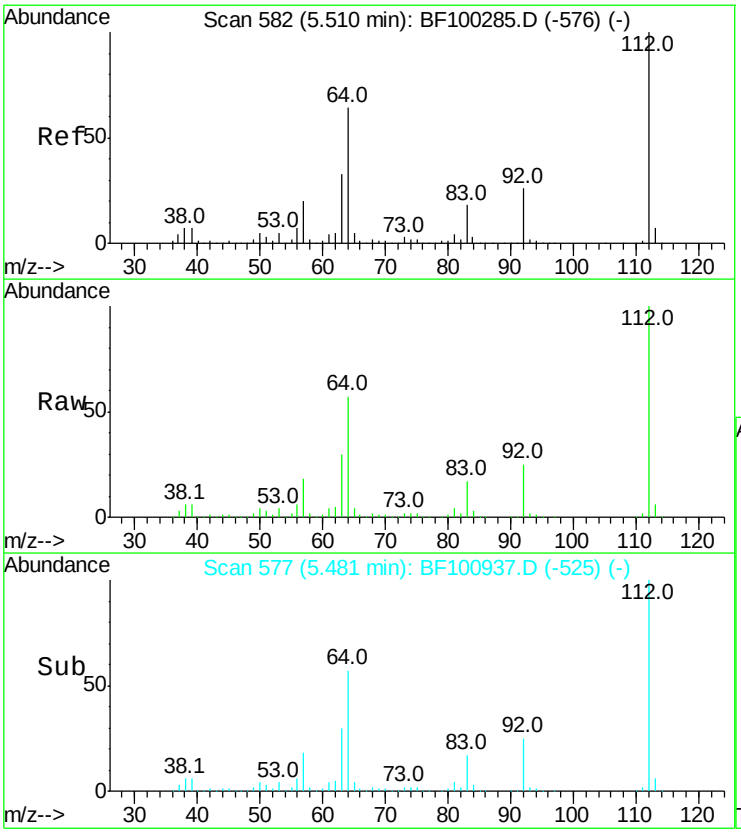
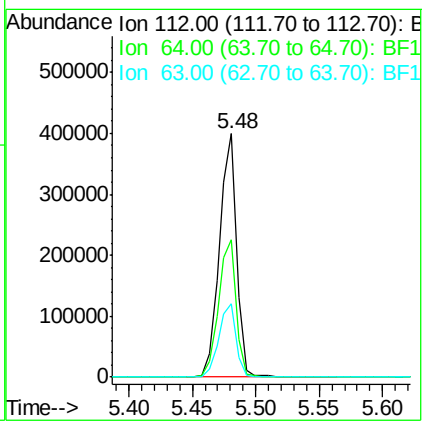
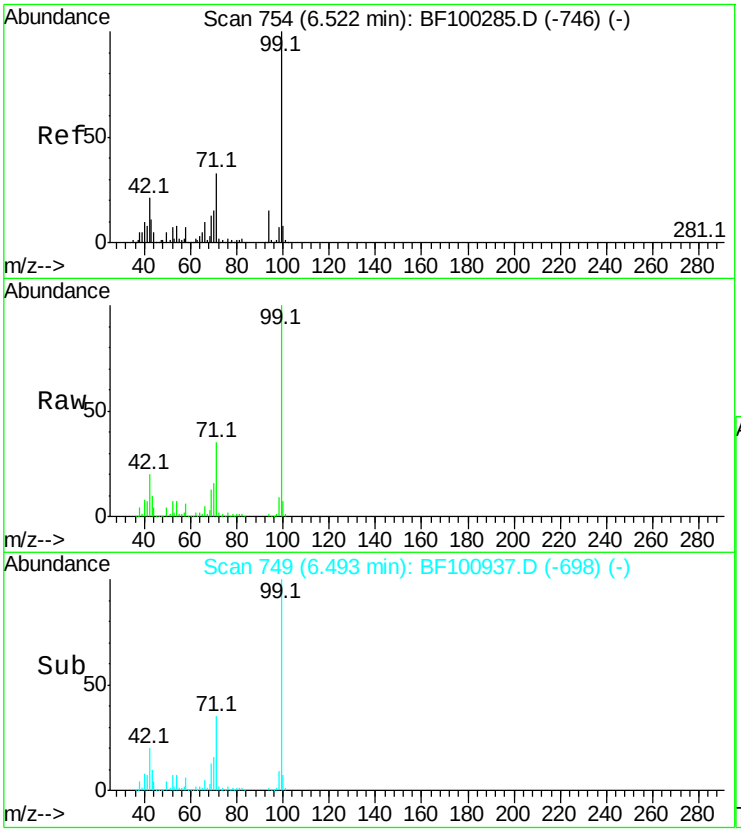


#5
2-Fluorophenol
Concen: 94.127 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.01 min
Lab File: BF100937.D
Acq: 28 Nov 2017 16:46

Tgt Ion:112 Resp: 378742

Ion	Ratio	Lower	Upper
112	100		
64	56.7	47.9	71.9
63	30.2	23.7	35.5

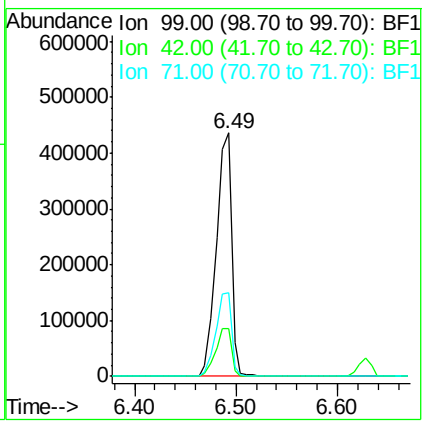




#7
Phenol-d6
Concen: 92.470 ng
RT: 6.49 min Scan# 749
Delta R.T. 0.00 min
Lab File: BF100937.D
Acq: 28 Nov 2017 16:46

Tgt Ion: 99 Resp: 458816

Ion	Ratio	Lower	Upper
99	100		
42	19.6	14.5	21.7
71	34.6	25.4	38.0



Instrument :
BNA_F
ClientSampleId :
HAR-5-E(0-1)

Manual Integrations APPROVED
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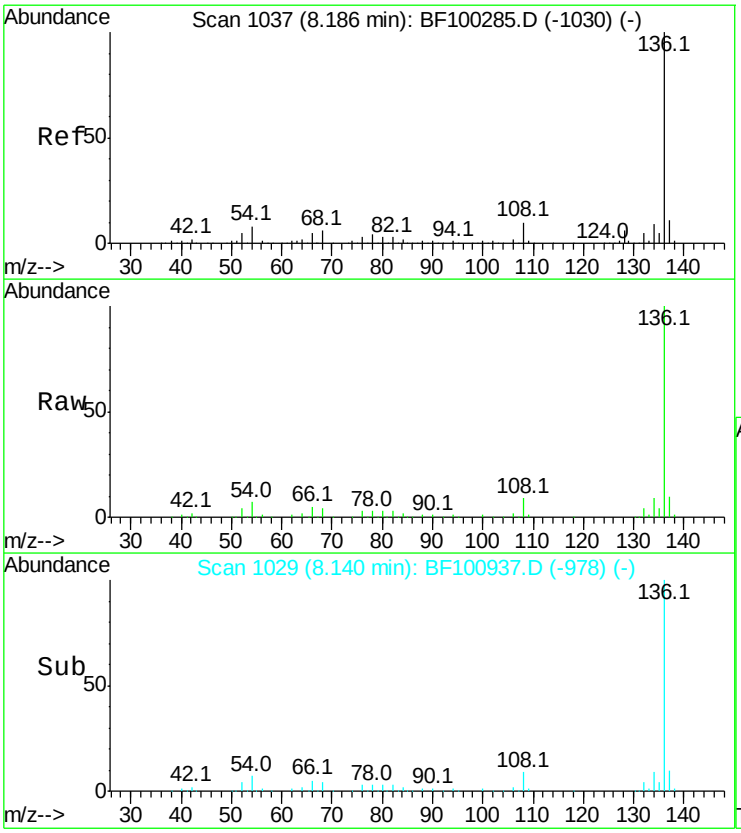
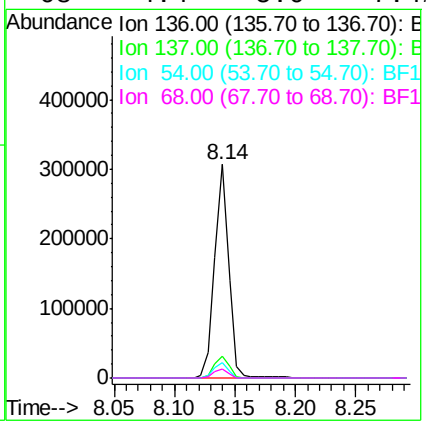
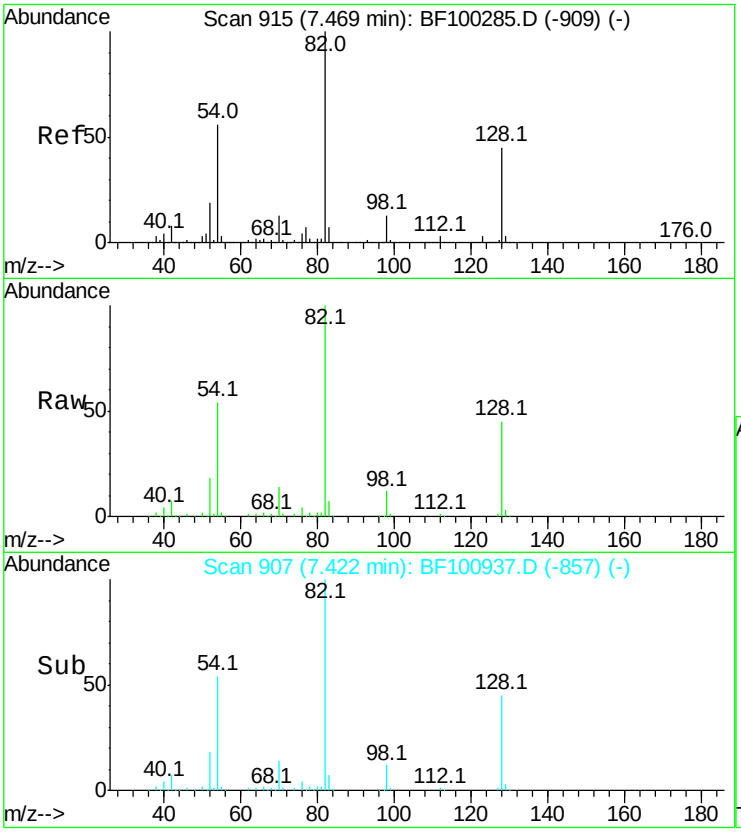


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF100937.D
Acq: 28 Nov 2017 16:46

Tgt Ion:136 Resp: 244735

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.9	13.3
54	7.3	6.6	9.8
68	4.4	5.0	7.4#

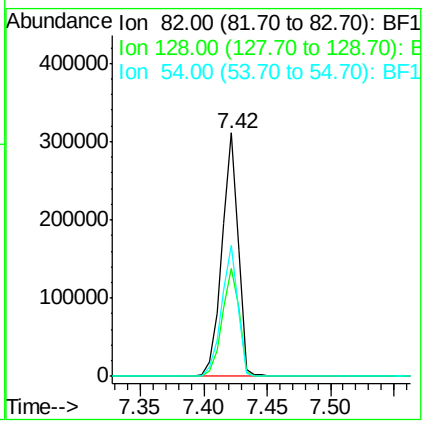




#23
Nitrobenzene-d5
Concen: 75.048 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF100937.D
Acq: 28 Nov 2017 16:46

Tgt Ion: 82 Resp: 277809

Ion	Ratio	Lower	Upper
82	100		
128	44.5	36.1	54.1
54	53.6	41.4	62.2



Instrument :
BNA_F
ClientSampleId :
HAR-5-E(0-1)

Manual Integrations APPROVED
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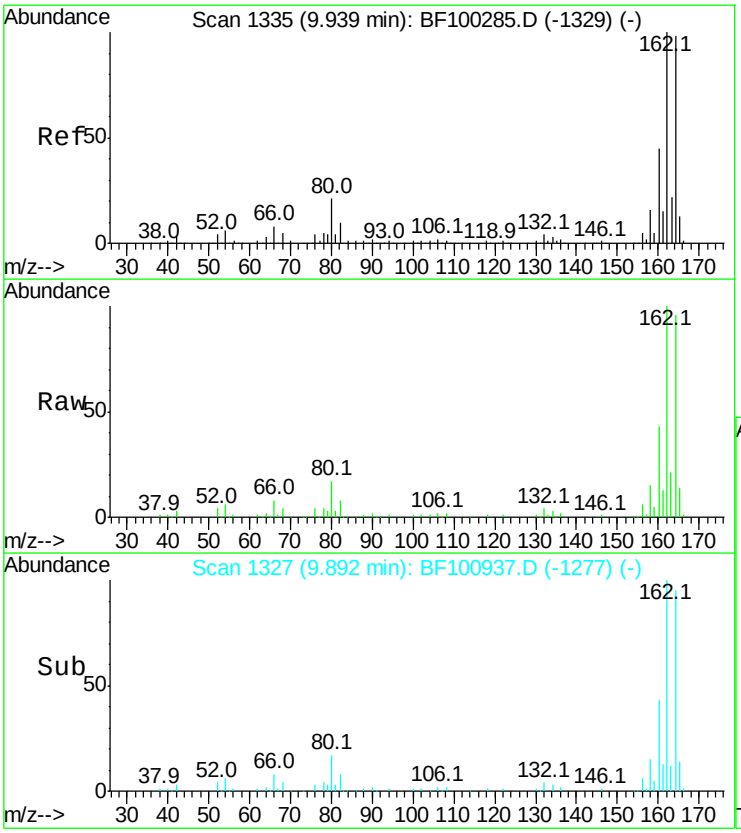
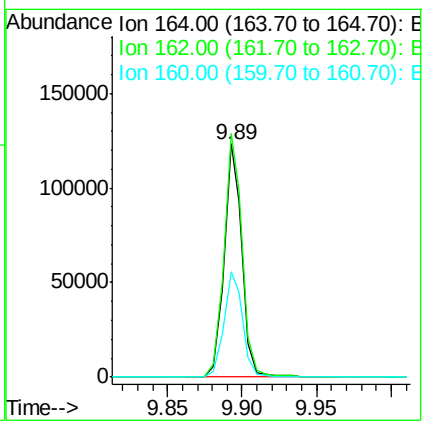
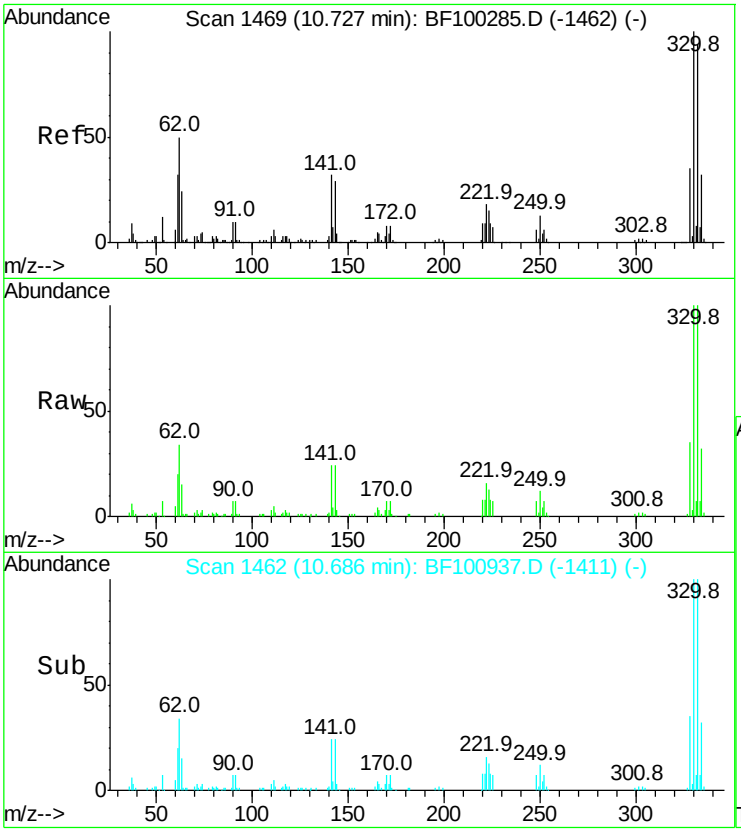


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF100937.D
Acq: 28 Nov 2017 16:46

Tgt Ion:164 Resp: 103667

Ion	Ratio	Lower	Upper
164	100		
162	104.5	86.1	129.1
160	45.1	38.3	57.5





#41
2,4,6-Tribromophenol
Concen: 95.844 ng
RT: 10.69 min Scan# 1462
Delta R.T. 0.00 min
Lab File: BF100937.D
Acq: 28 Nov 2017 16:46

Tgt Ion:330 Resp: 101246

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	30.1	29.9	44.9

Instrument :
BNA_F
ClientSampleId :
HAR-5-E(0-1)

Manual Integrations APPROVED
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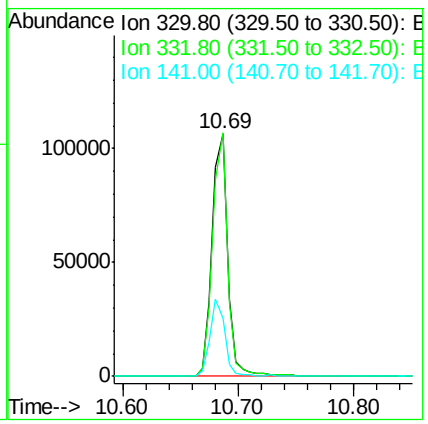
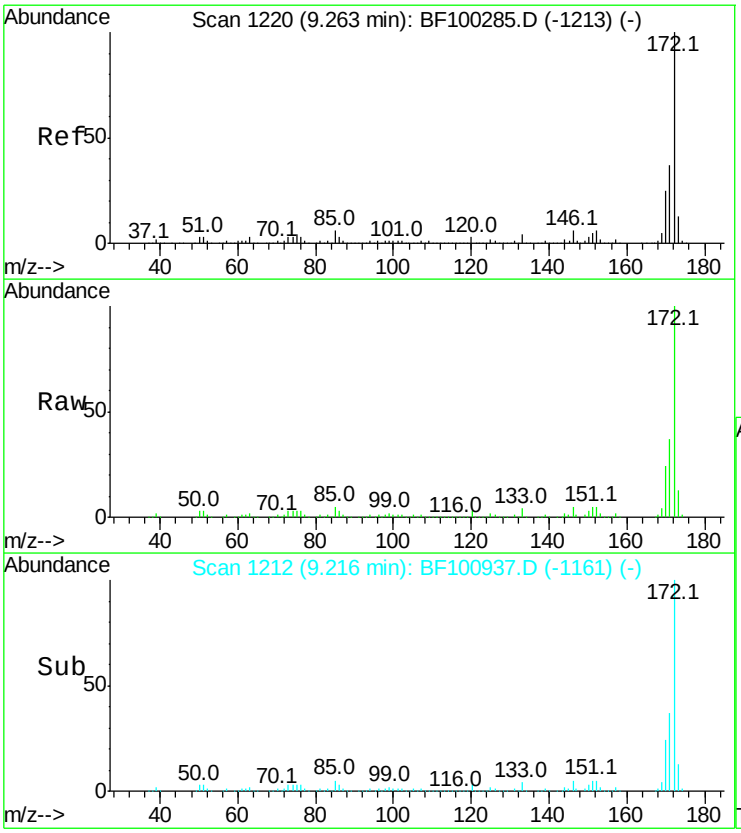
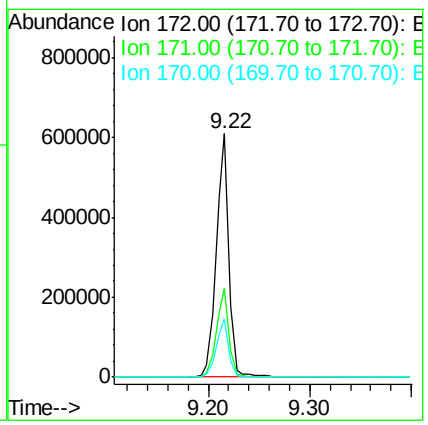


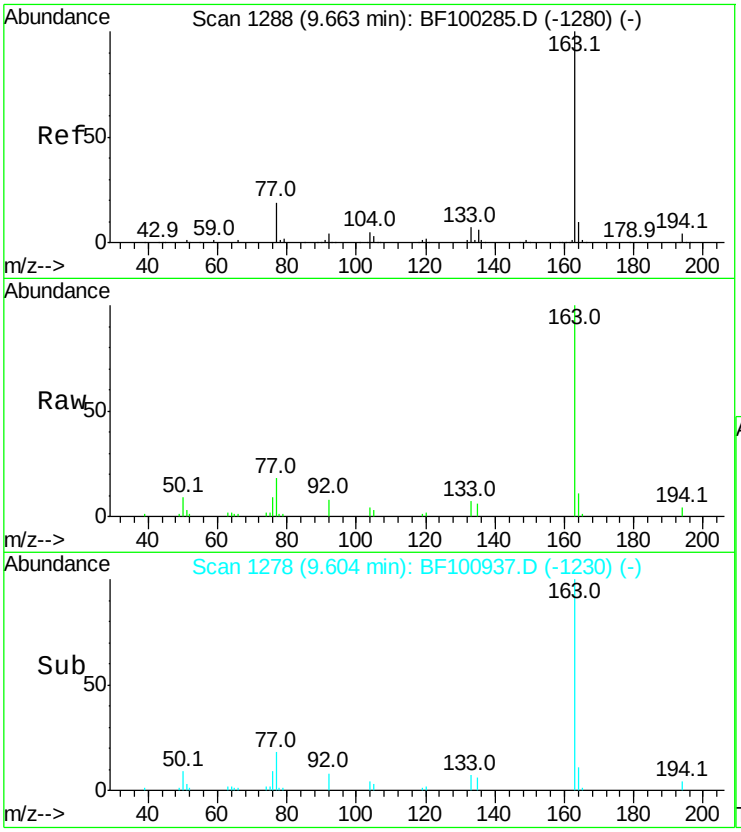


#44
2-Fluorobiphenyl
Concen: 77.035 ng
RT: 9.22 min Scan# 1212
Delta R.T. 0.00 min
Lab File: BF100937.D
Acq: 28 Nov 2017 16:46

Tgt Ion:172 Resp: 524457

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	23.6	19.6	29.4

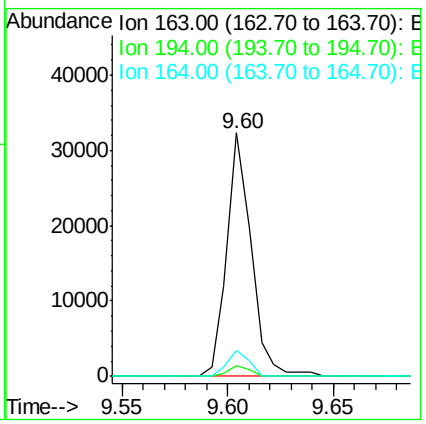




#49
Dimethylphthalate
Concen: 3.267 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.02 min
Lab File: BF100937.D
Acq: 28 Nov 2017 16:46

Tgt Ion:163 Resp: 25856

Ion	Ratio	Lower	Upper
163	100		
194	4.2	2.7	4.1#
164	10.5	8.2	12.2



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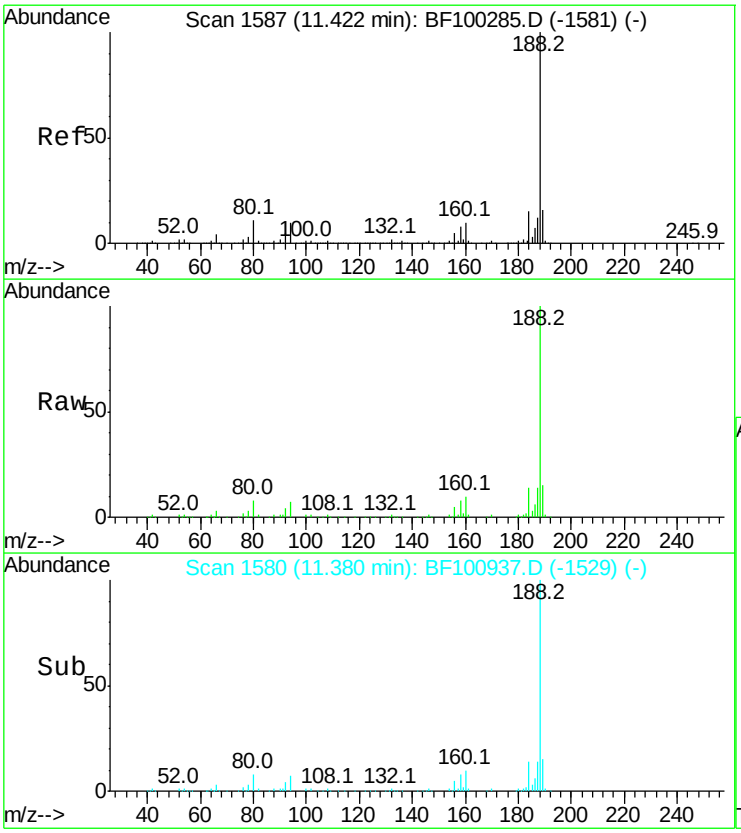
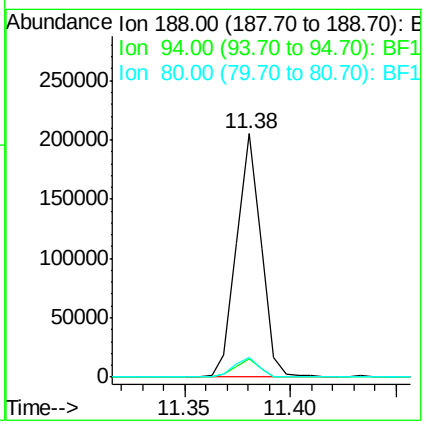
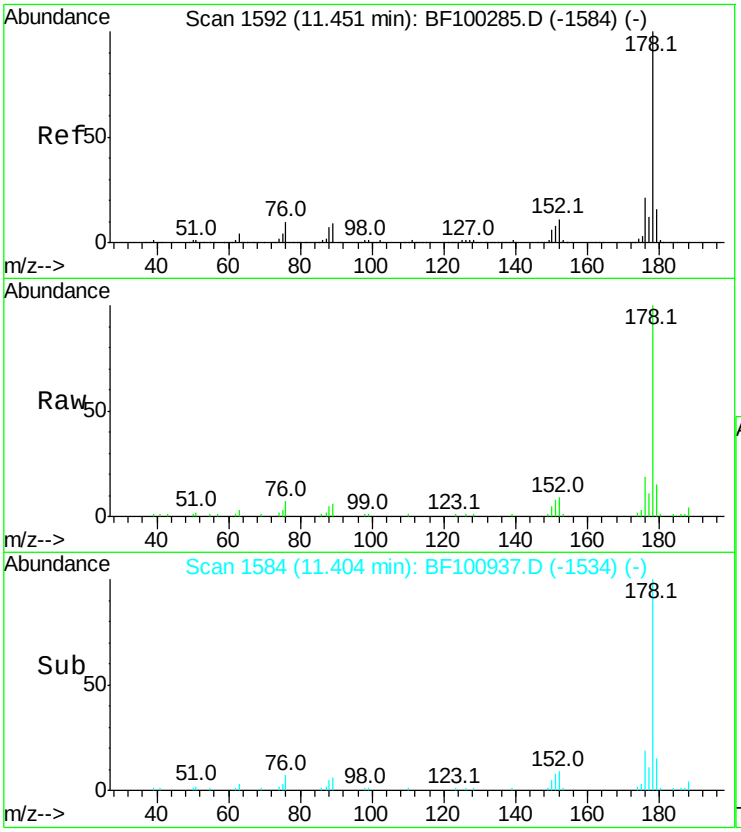


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.00 min
Lab File: BF100937.D
Acq: 28 Nov 2017 16:46

Tgt Ion:188 Resp: 165843

Ion	Ratio	Lower	Upper
188	100		
94	7.5	8.5	12.7#
80	8.2	9.2	13.8#

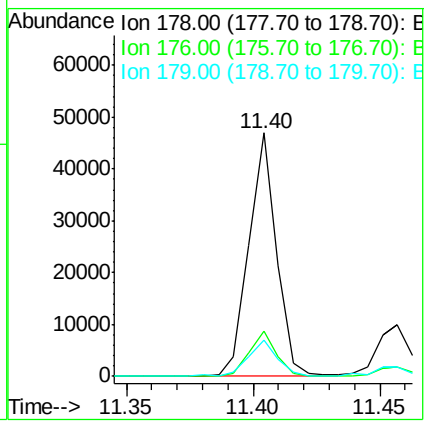




#70
Phenanthrene
Concen: 4.121 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF100937.D
Acq: 28 Nov 2017 16:46

Tgt Ion:178 Resp: 35980

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.8	23.8
179	14.9	13.0	19.6



Instrument :
BNA_F
ClientSampleId :
HAR-5-E(0-1)

Manual Integrations APPROVED
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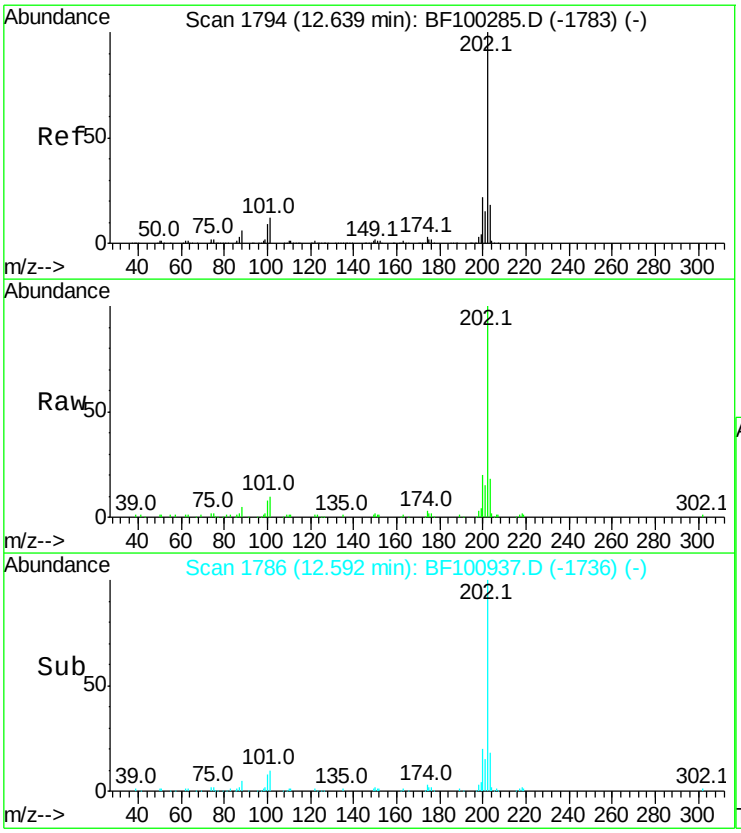
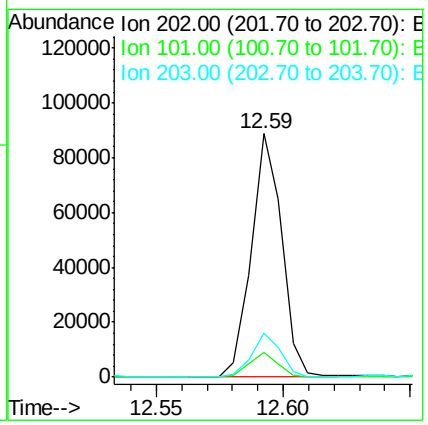
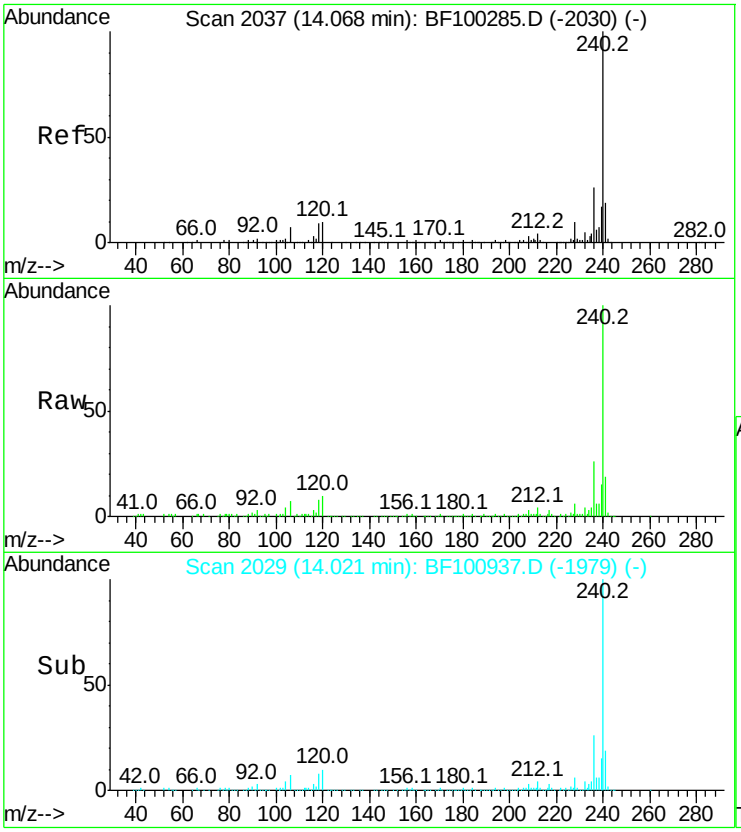


#74
Fluoranthene
Concen: 8.056 ng
RT: 12.59 min Scan# 1786
Delta R.T. -0.01 min
Lab File: BF100937.D
Acq: 28 Nov 2017 16:46

Tgt Ion:202 Resp: 74549

Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	34.1
203	17.9	0.0	38.1

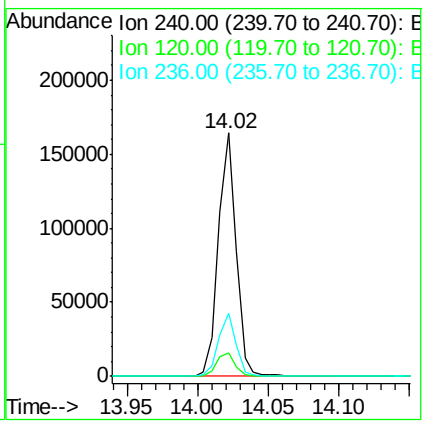




#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF100937.D
Acq: 28 Nov 2017 16:46

Tgt Ion:240 Resp: 144306

Ion	Ratio	Lower	Upper
240	100		
120	9.8	9.5	14.3
236	25.8	20.7	31.1



Instrument :
BNA_F
ClientSampleId :
HAR-5-E(0-1)

Manual Integrations APPROVED
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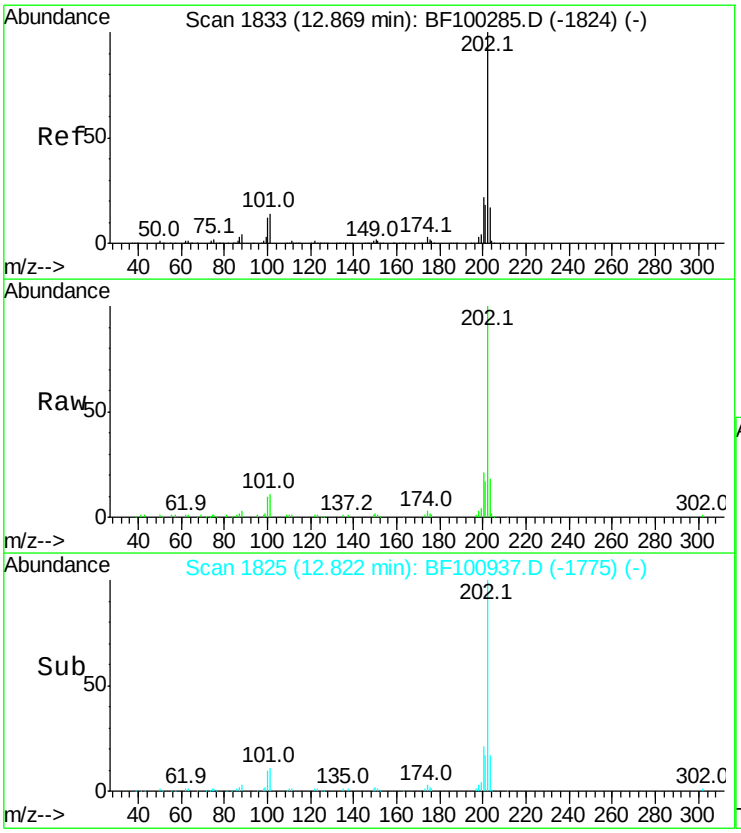
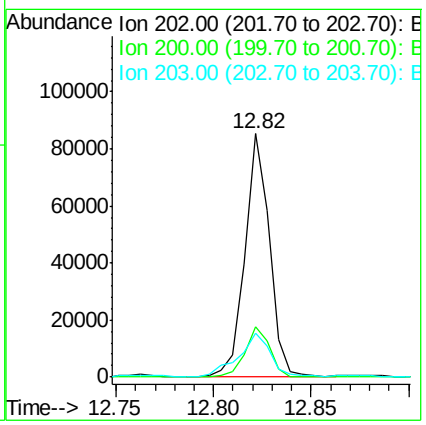
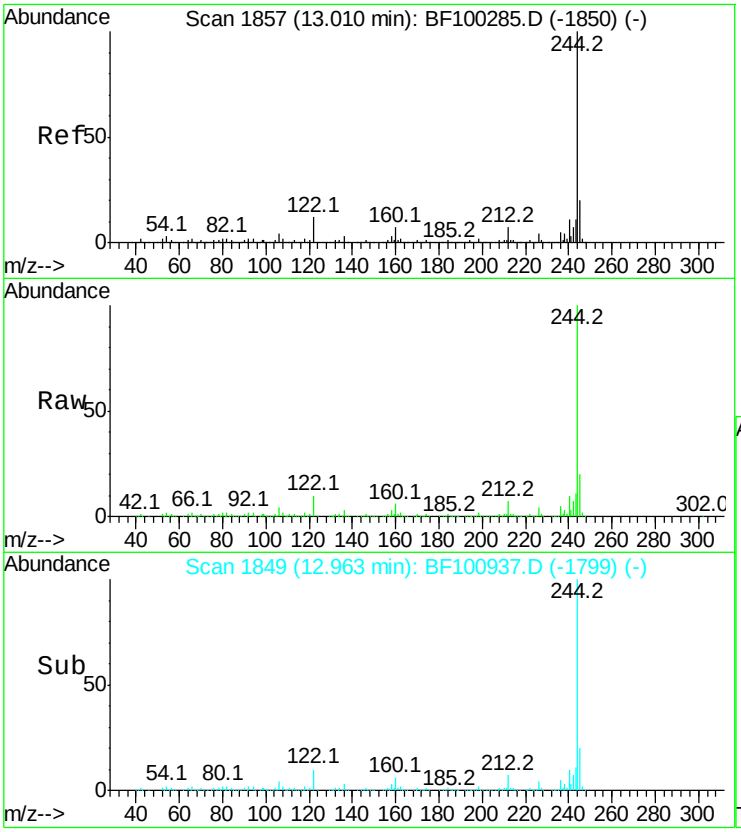


#77
Pyrene
Concen: 7.244 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF100937.D
Acq: 28 Nov 2017 16:46

Tgt Ion:202 Resp: 74518

Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.4	26.2
203	18.2	14.3	21.5

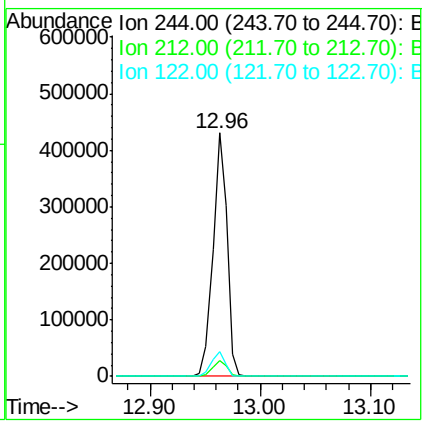




#78
Terphenyl-d14
Concen: 59.804 ng
RT: 12.96 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BF100937.D
Acq: 28 Nov 2017 16:46

Tgt Ion:244 Resp: 375594

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	10.0	11.0	16.4#



Instrument :
BNA_F
ClientSampleId :
HAR-5-E(0-1)

Manual Integrations APPROVED
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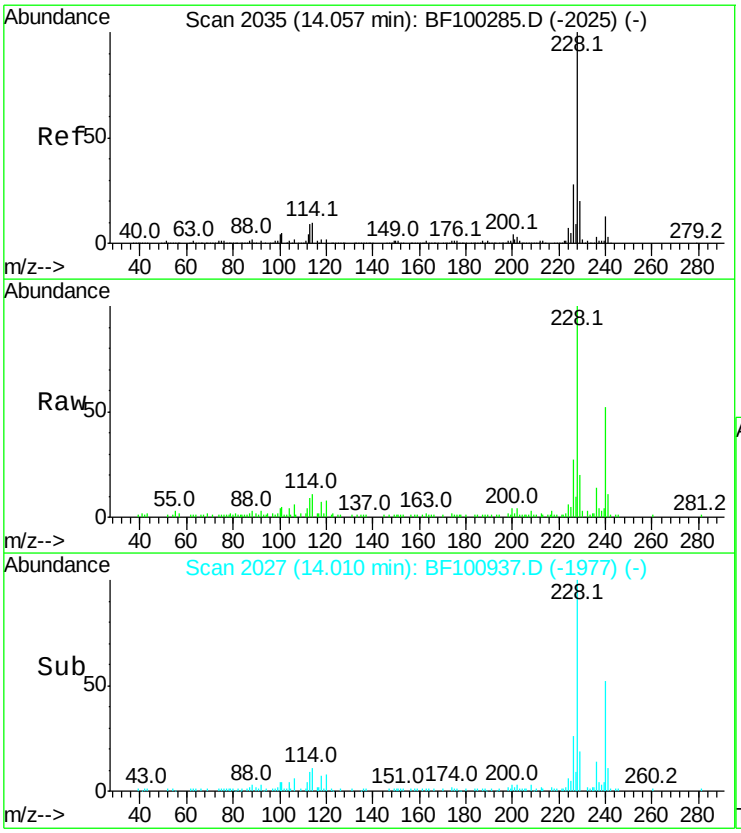
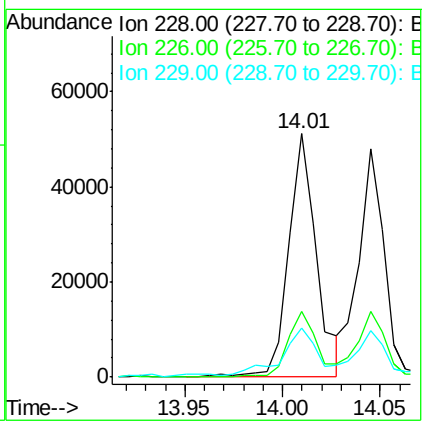
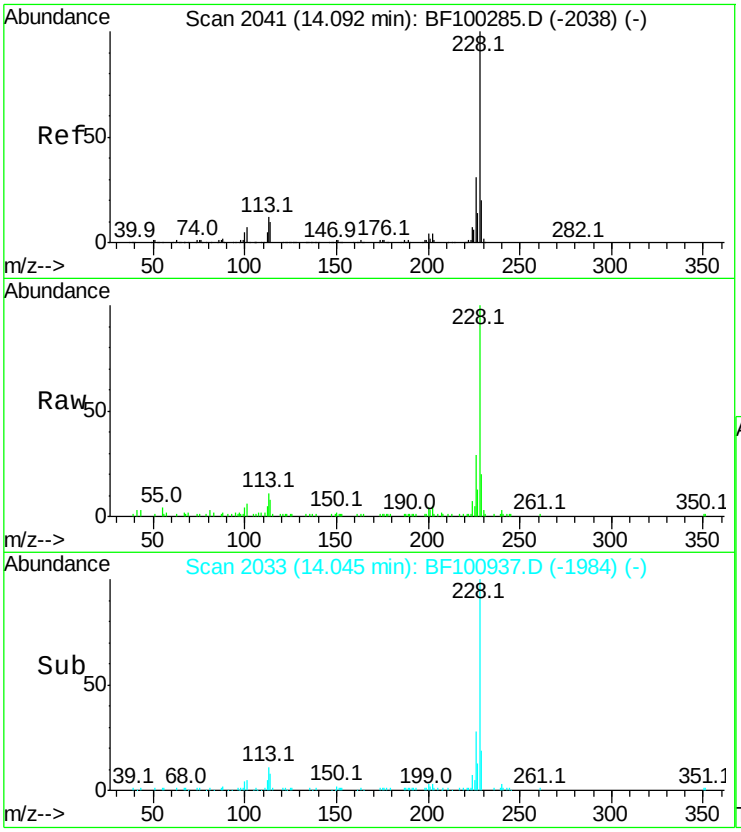


#80
Benzo(a)anthracene
Concen: 5.828 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF100937.D
Acq: 28 Nov 2017 16:46

Tgt Ion:228 Resp: 50644

Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.6	33.8
229	20.1	15.8	23.6

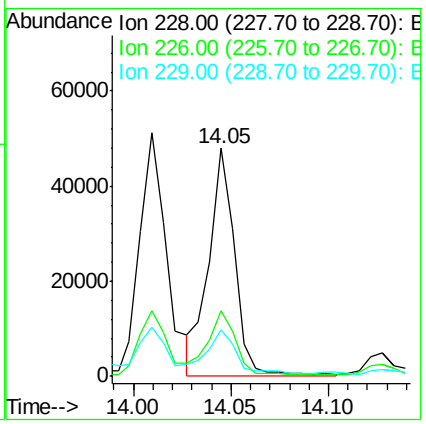




#82
Chrysene
Concen: 5.336 ng
RT: 14.05 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF100937.D
Acq: 28 Nov 2017 16:46

Tgt Ion:228 Resp: 44901

Ion	Ratio	Lower	Upper
228	100		
226	28.9	25.0	37.6
229	20.2	16.2	24.4



Instrument :
BNA_F
ClientSampleId :
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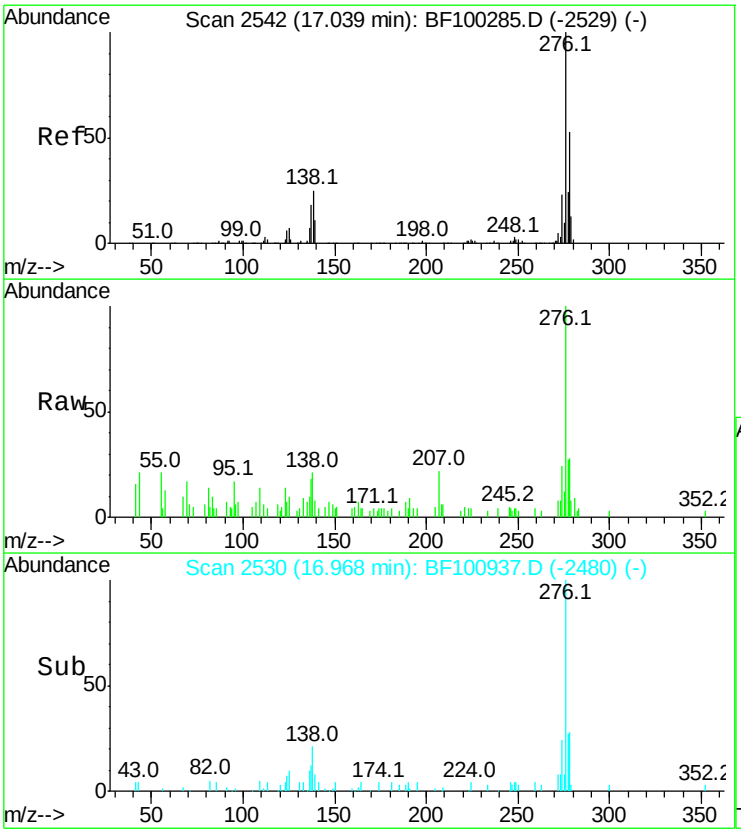
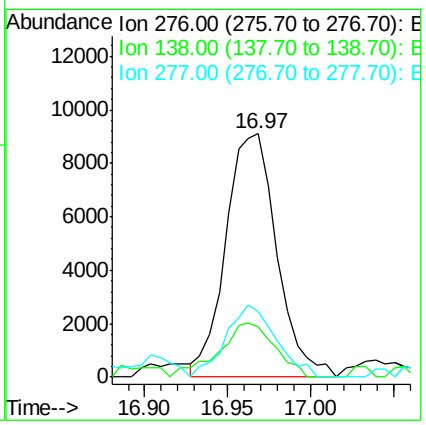
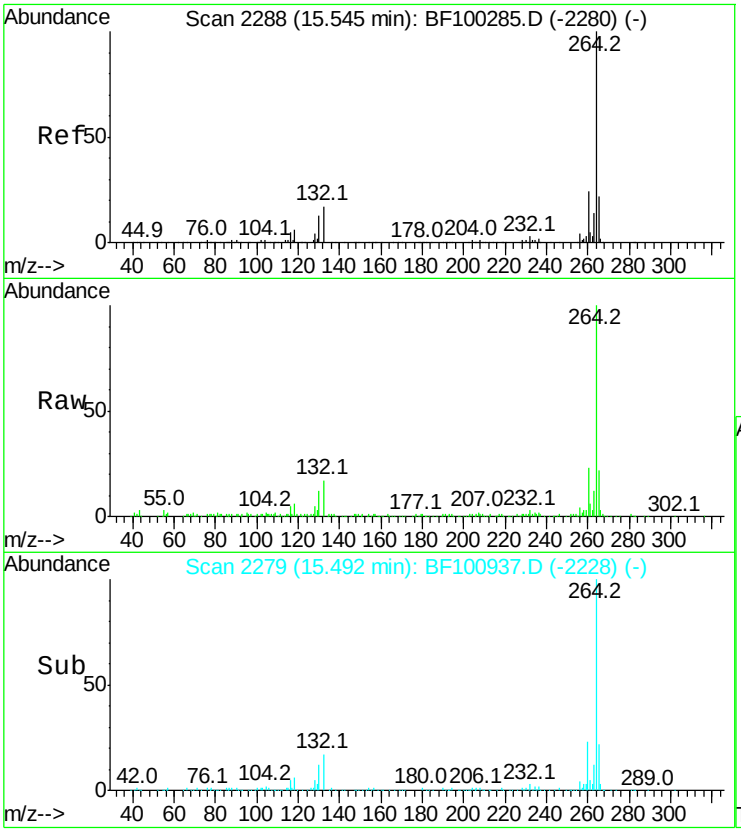


#85
Indeno(1,2,3-cd)pyrene
Concen: 2.859 ng m
RT: 16.97 min Scan# 2530
Delta R.T. -0.01 min
Lab File: BF100937.D
Acq: 28 Nov 2017 16:46

Tgt Ion:276 Resp: 19460

Ion	Ratio	Lower	Upper
276	100		
138	8.1	25.0	37.6#
277	6.2	20.1	30.1#

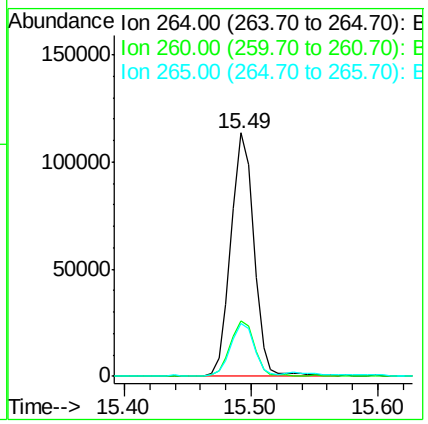




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.00 min
Lab File: BF100937.D
Acq: 28 Nov 2017 16:46

Tgt Ion:264 Resp: 143587

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	21.9	17.5	26.3



Instrument :
BNA_F
ClientSampleId :
HAR-5-E(0-1)

Manual Integrations APPROVED
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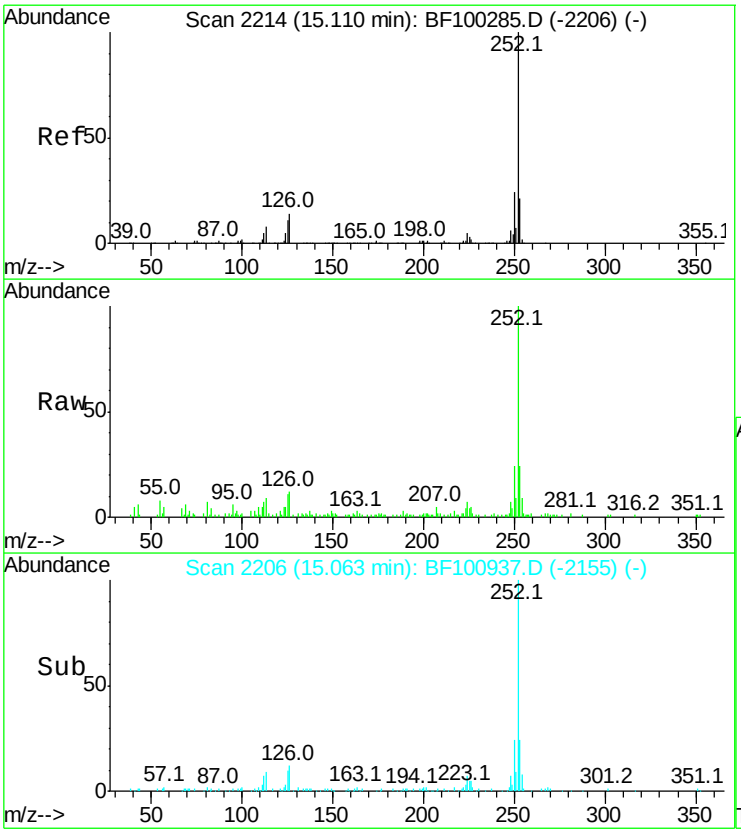
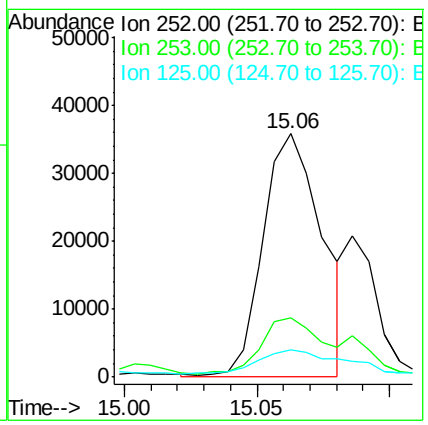
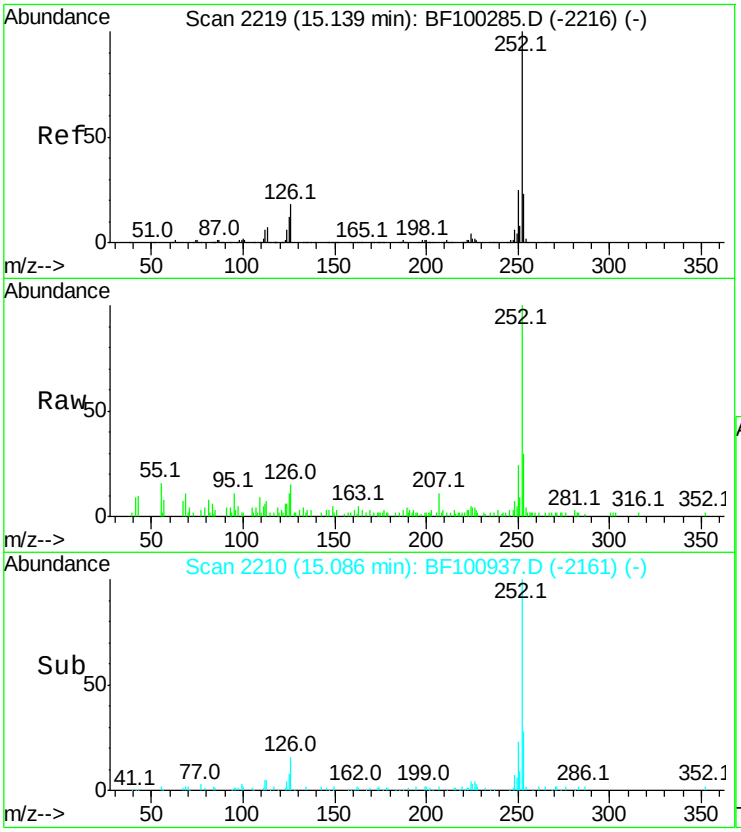


#87
Benzo(b)fluoranthene
Concen: 6.508 ng m
RT: 15.06 min Scan# 2206
Delta R.T. 0.00 min
Lab File: BF100937.D
Acq: 28 Nov 2017 16:46

Tgt Ion:252 Resp: 55359

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.0	25.6
125	11.0	9.0	13.6

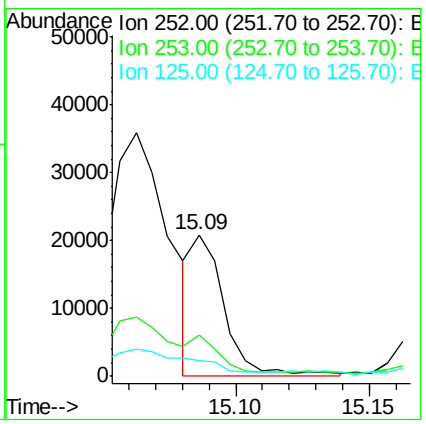




#88
Benzo(k)fluoranthene
Concen: 2.221 ng m
RT: 15.09 min Scan# 2210
Delta R.T. -0.01 min
Lab File: BF100937.D
Acq: 28 Nov 2017 16:46

Tgt Ion:252 Resp: 17853

Ion	Ratio	Lower	Upper
252	100		
253	29.7	17.9	26.9#
125	11.3	10.2	15.2



Instrument :
BNA_F
ClientSampleId :
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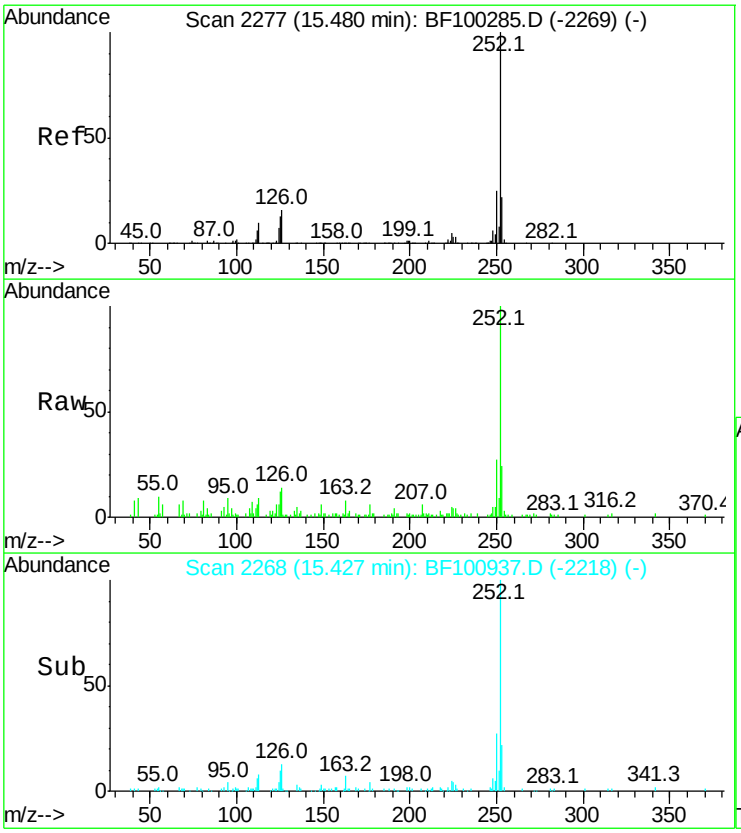
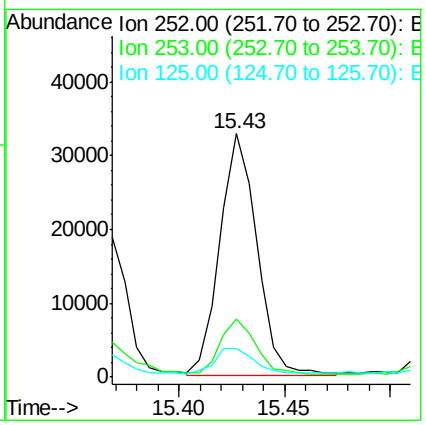
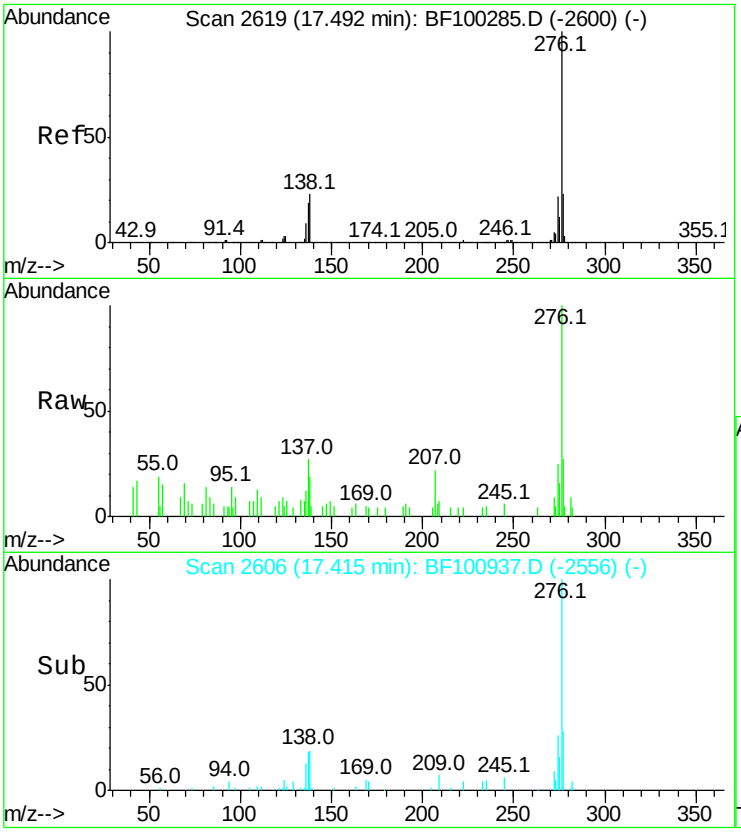


#89
Benzo(a)pyrene
Concen: 5.230 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF100937.D
Acq: 28 Nov 2017 16:46

Tgt Ion:252 Resp: 39444

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.1	25.7
125	11.9	9.8	14.6

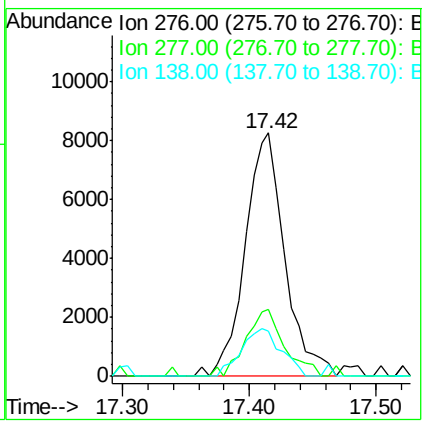




#91
Benzo(g,h,i)perylene
Concen: 2.975 ng
RT: 17.42 min Scan# 2606
Delta R.T. -0.01 min
Lab File: BF100937.D
Acq: 28 Nov 2017 16:46

Tgt Ion:276 Resp: 17963

Ion	Ratio	Lower	Upper
276	100		
277	27.4	17.9	26.9#
138	18.6	21.8	32.8#



Instrument :
BNA_F
ClientSampleId :
HAR-5-E(0-1)

Manual Integrations APPROVED
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