Quantitation Report (LSC Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030618\
Data File : BF103476.D
Acq On : 7 Mar 2018 00:34
Operator : SJ/JU
Sample : J1722-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-14

Manual Integrations APPROVED
Sohil
3/7/2018 12:17:42 PM

Quant Time: Mar 07 02:15:56 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 06 11:52:59 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	134831	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	526683	20.00	ng		0.00
38) Acenaphthene-d10	9.91	164	216325	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	330818	20.00	ng		0.00
75) Chrysene-d12	14.06	240	213611	20.00	ng		0.00
86) Perylene-d12	15.57	264	161852	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	987250	110.74	ng		0.00
7) Phenol-d6	6.51	99	1198614	109.88	ng		0.00
23) Nitrobenzene-d5	7.44	82	734697	79.66	ng		0.00
41) 2,4,6-Tribromophenol	10.71	330	151483	82.73	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	969666	75.09	ng		0.00
78) Terphenyl-d14	12.99	244	678453	76.35	ng		0.00
Target Compounds							Qvalue
49) Dimethylphthalate	9.62	163	74317	4.282	ng		100
70) Phenanthrene	11.43	178	221430	12.163	ng		99
71) Anthracene	11.49	178	72782	3.899	ng		99
74) Fluoranthene	12.63	202	369006	20.170	ng		99
77) Pyrene	12.86	202	322074	19.339	ng		99
80) Benzo(a)anthracene	14.05	228	164825	11.892	ng		98
82) Chrysene	14.09	228	152230	11.312	ng		97
85) Indeno(1,2,3-cd)pyrene	17.12	276	68270	6.408	ng		96
87) Benzo(b)fluoranthene	15.13	252	175635m	16.505	ng		
88) Benzo(k)fluoranthene	15.16	252	55514m	5.540	ng		
89) Benzo(a)pyrene	15.52	252	116752	12.286	ng	#	94
90) Dibenzo(a,h)anthracene	17.12	278	17523	2.386	ng	#	76
91) Benzo(g,h,i)perylene	17.59	276	68793	9.586	ng	#	90

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

Quantitation Report (LSC Reviewed)

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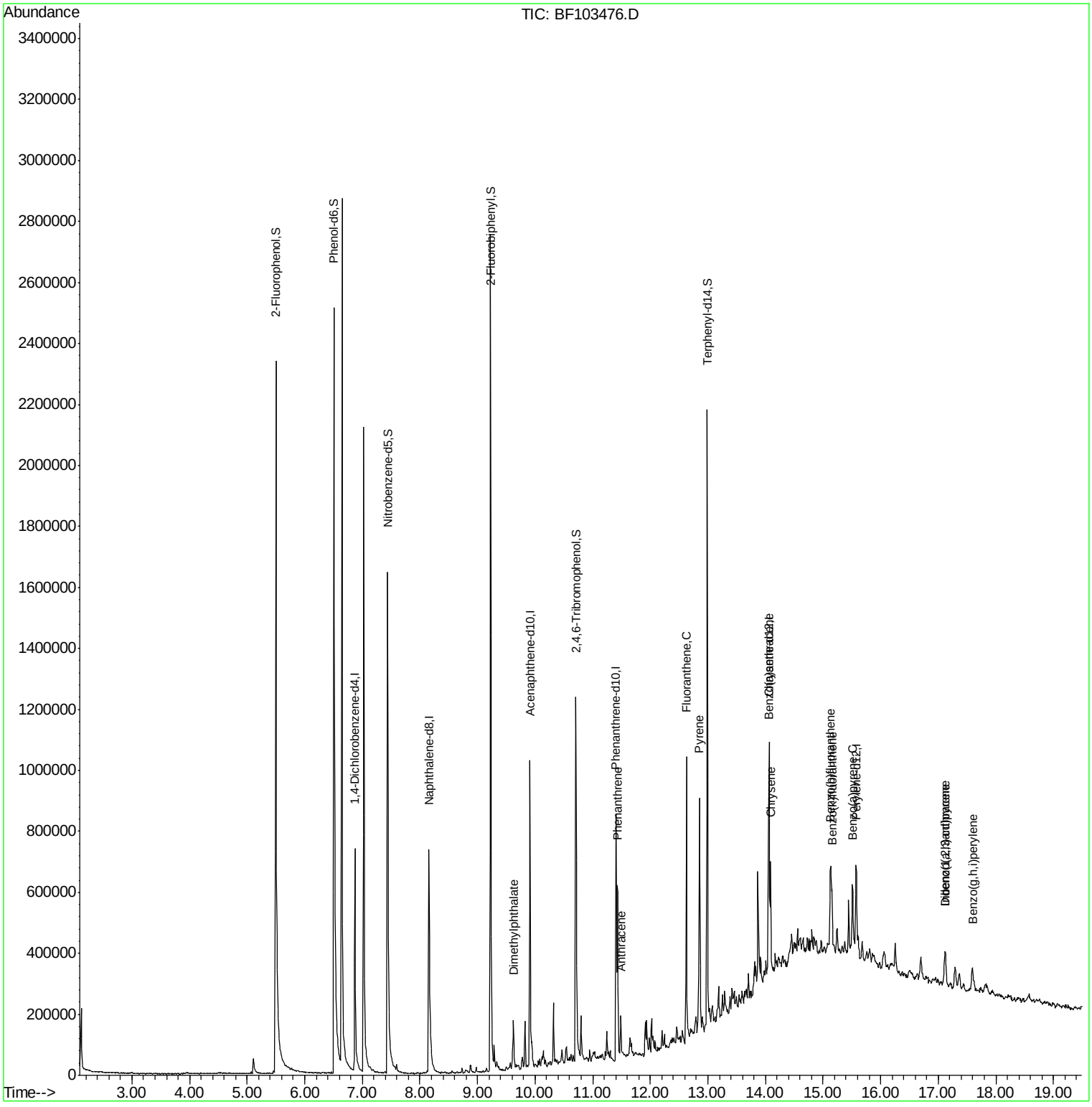
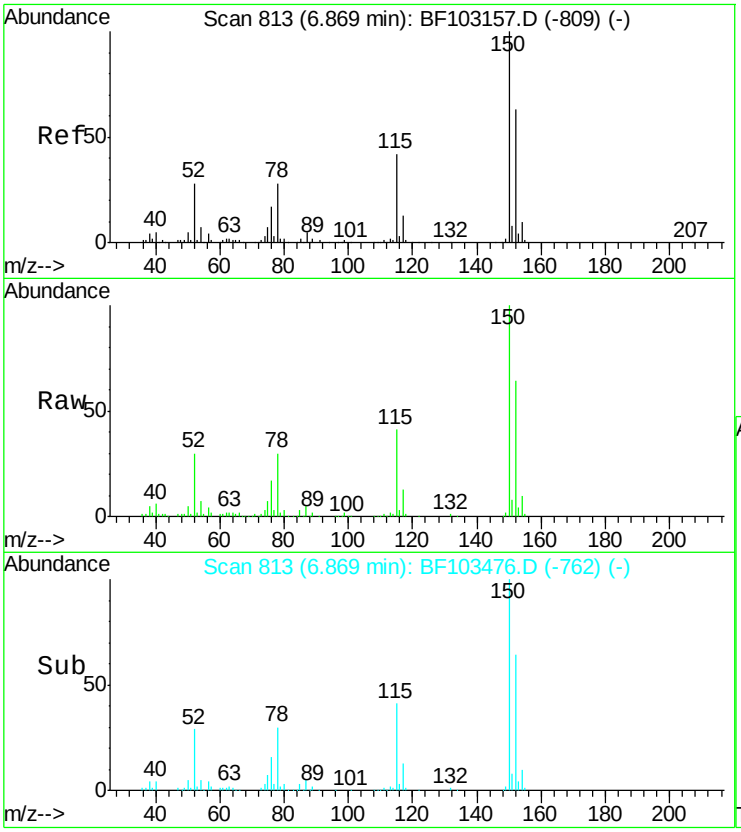
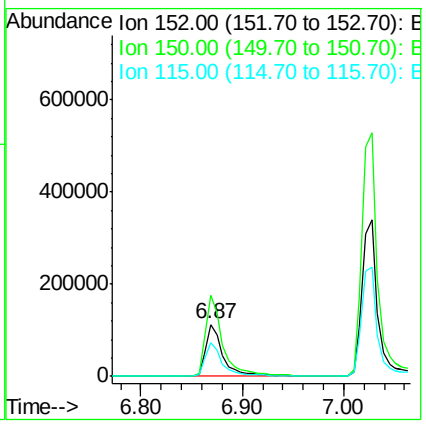




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF103476.D
Acq: 7 Mar 2018 00:34

Tgt Ion:152 Resp: 134831

Ion	Ratio	Lower	Upper
152	100		
150	156.3	124.6	186.8
115	64.7	50.1	75.1



Instrument :
BNA_F
ClientSampleId :
SP-14

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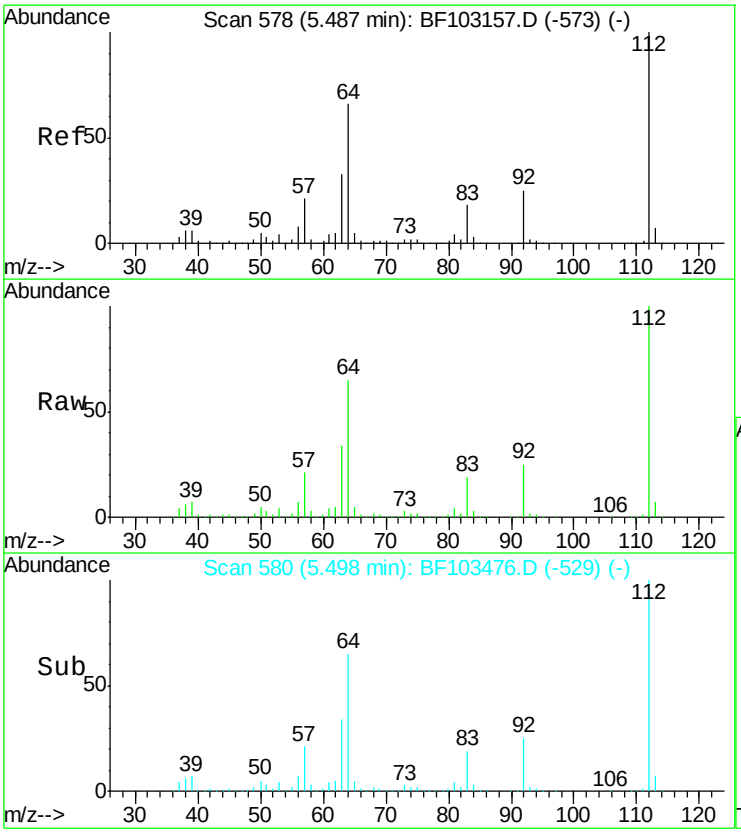
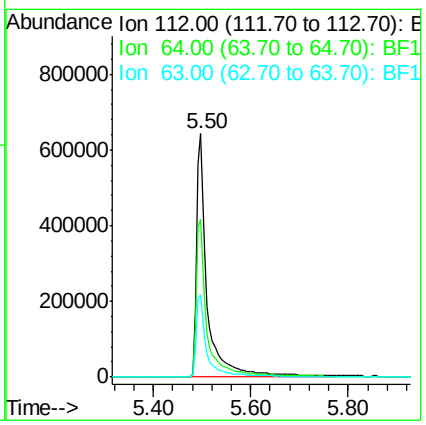
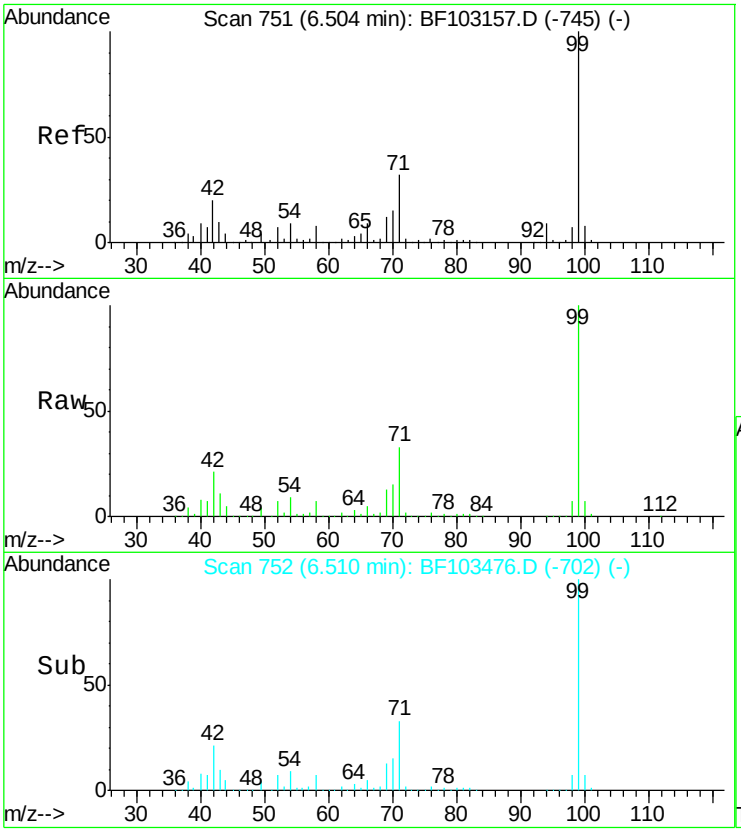


#5
2-Fluorophenol
Concen: 110.742 ng
RT: 5.50 min Scan# 580
Delta R.T. -0.00 min
Lab File: BF103476.D
Acq: 7 Mar 2018 00:34

Tgt Ion:112 Resp: 987250

Ion	Ratio	Lower	Upper
112	100		
64	64.8	47.9	71.9
63	33.9	23.7	35.5

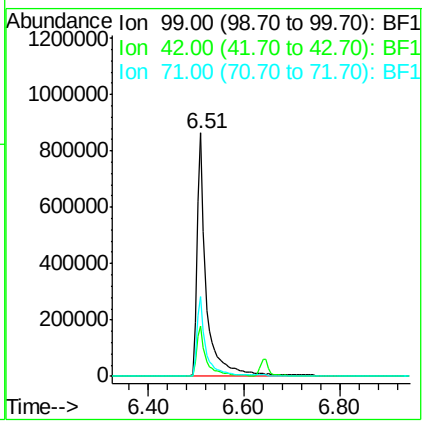




#7
Phenol-d6
Concen: 109.877 ng
RT: 6.51 min Scan# 752
Delta R.T. -0.01 min
Lab File: BF103476.D
Acq: 7 Mar 2018 00:34

Tgt Ion: 99 Resp: 1198614

Ion	Ratio	Lower	Upper
99	100		
42	20.9	14.5	21.7
71	32.9	25.4	38.0



Instrument :
BNA_F
ClientSampleId :
SP-14

Manual Integrations APPROVED
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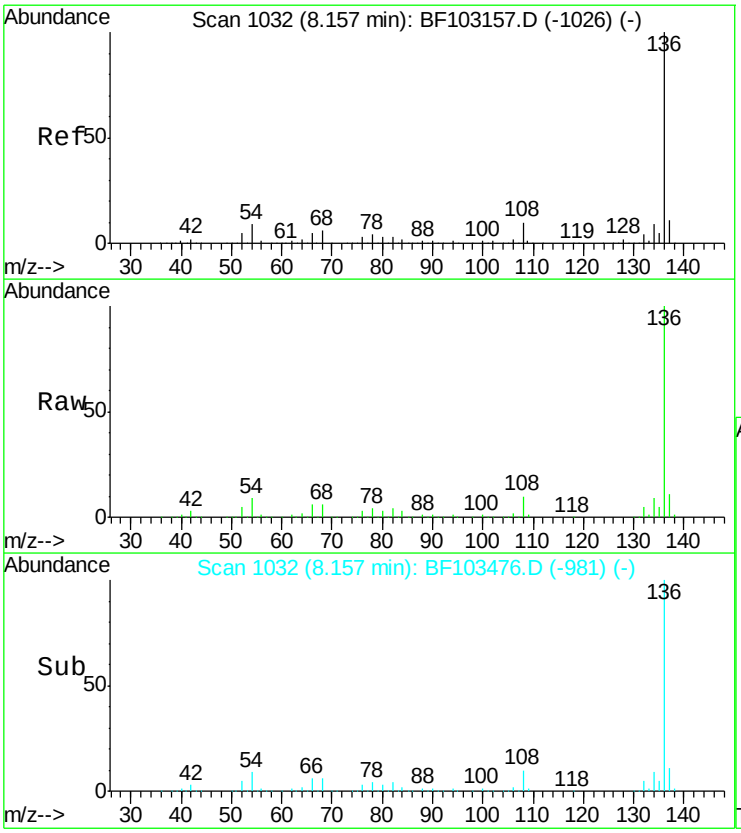
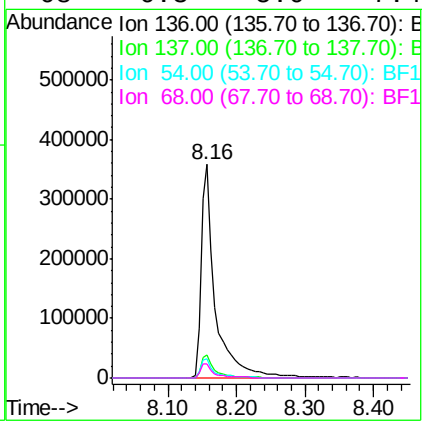
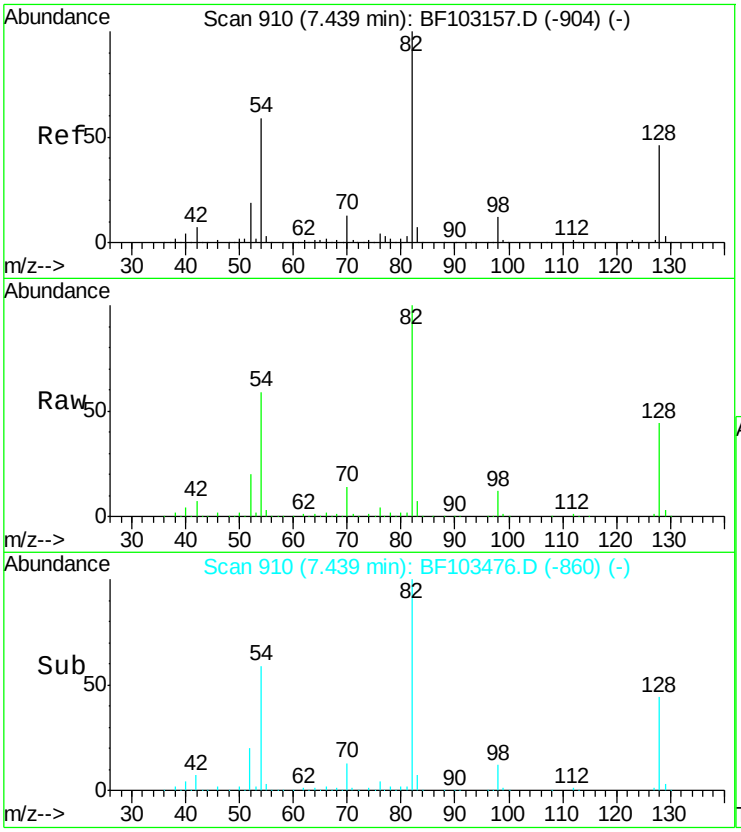


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF103476.D
Acq: 7 Mar 2018 00:34

Tgt Ion:136 Resp: 526683

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	8.7	6.6	9.8
68	6.3	5.0	7.4

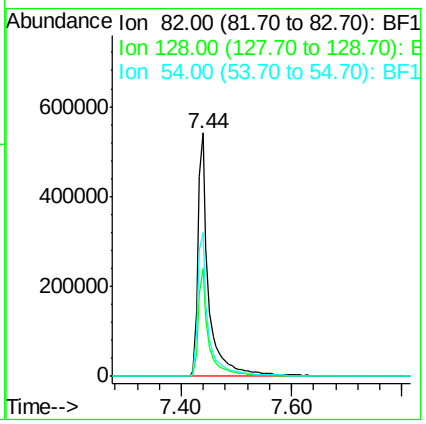




#23
Nitrobenzene-d5
Concen: 79.663 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF103476.D
Acq: 7 Mar 2018 00:34

Tgt Ion: 82 Resp: 734697

Ion	Ratio	Lower	Upper
82	100		
128	44.1	36.1	54.1
54	59.2	41.4	62.2



Instrument :
BNA_F
ClientSampleId :
SP-14

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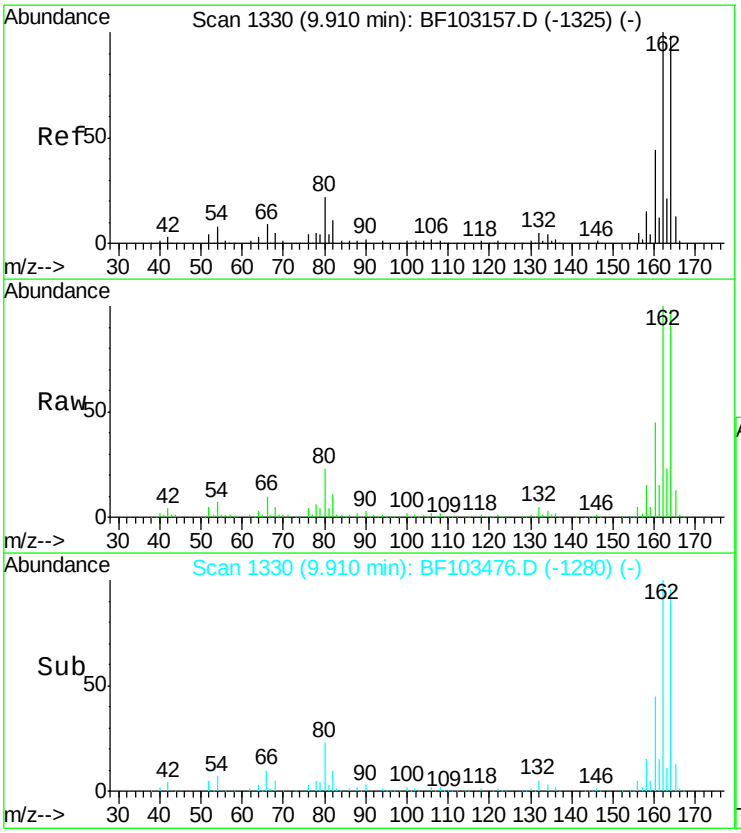
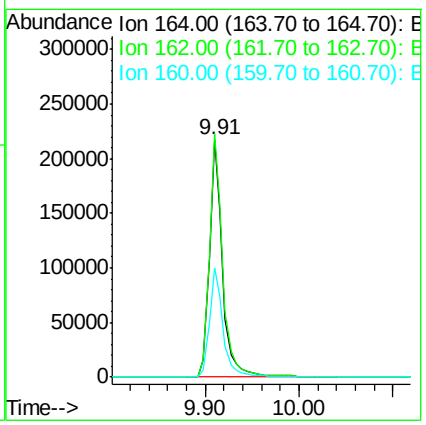
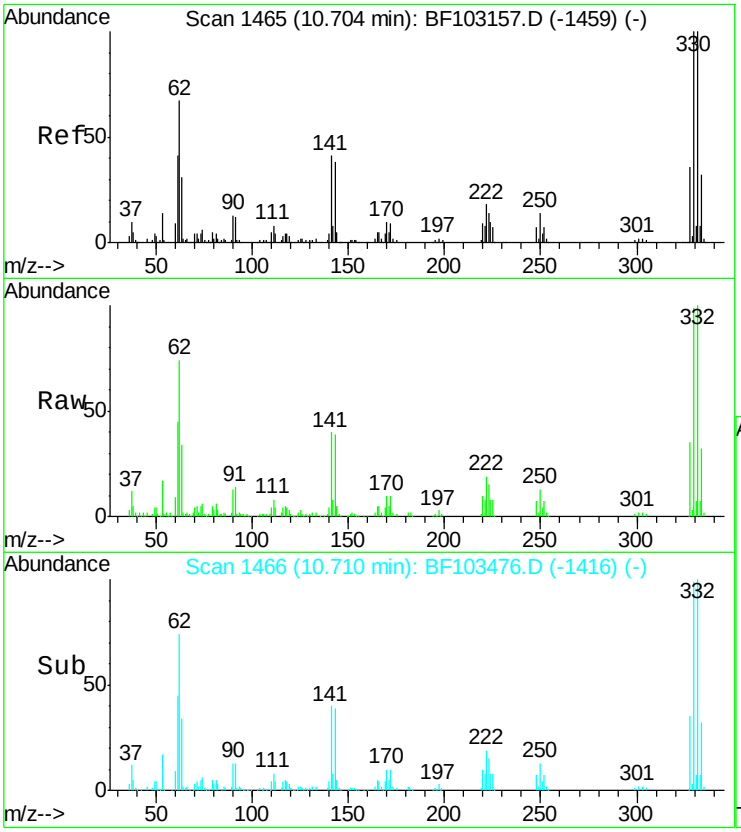


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF103476.D
Acq: 7 Mar 2018 00:34

Tgt Ion:164 Resp: 216325

Ion	Ratio	Lower	Upper
164	100		
162	102.5	86.1	129.1
160	45.8	38.3	57.5





#41
2,4,6-Tribromophenol
Concen: 82.729 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BF103476.D
Acq: 7 Mar 2018 00:34

Tgt Ion:330 Resp: 151483

Ion	Ratio	Lower	Upper
330	100		
332	101.9	77.0	115.6
141	47.9	29.9	44.9#

Instrument :
BNA_F
ClientSampleId :
SP-14

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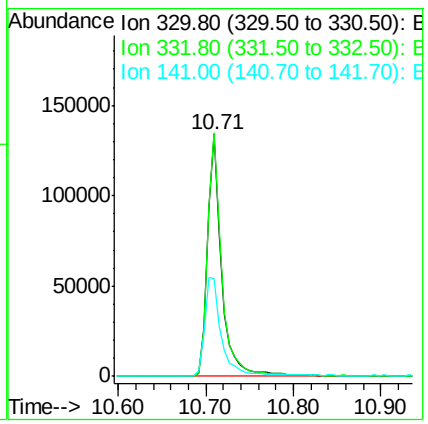
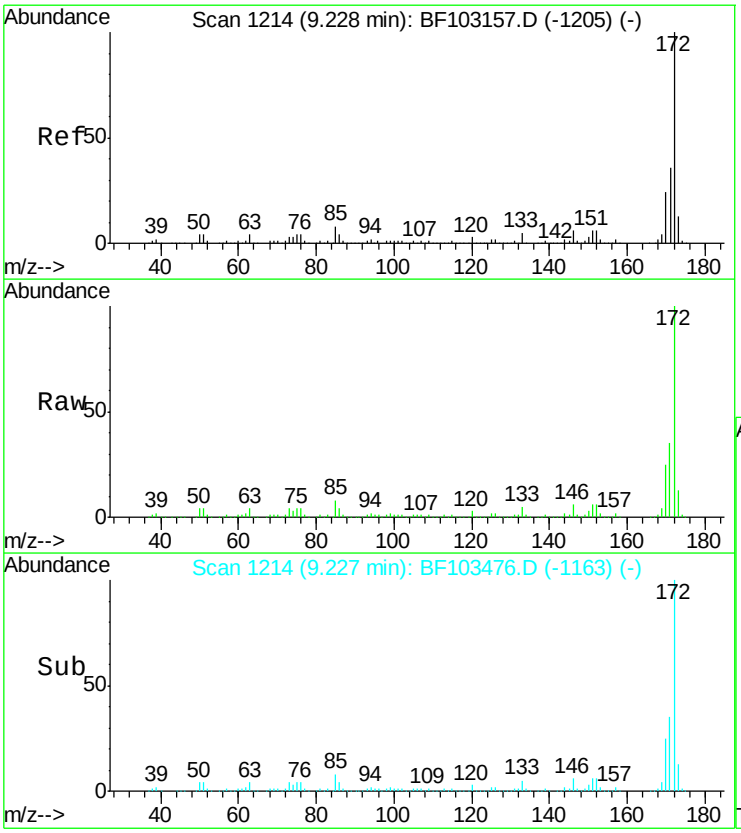
3/7/2018 12:17:42 PM

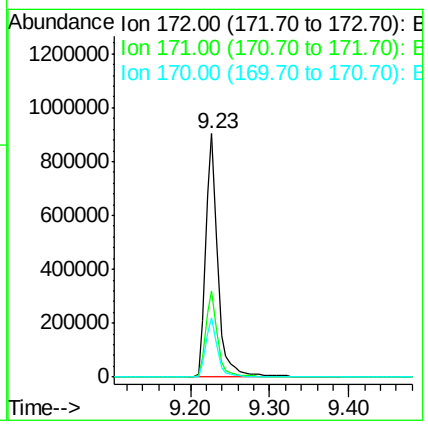


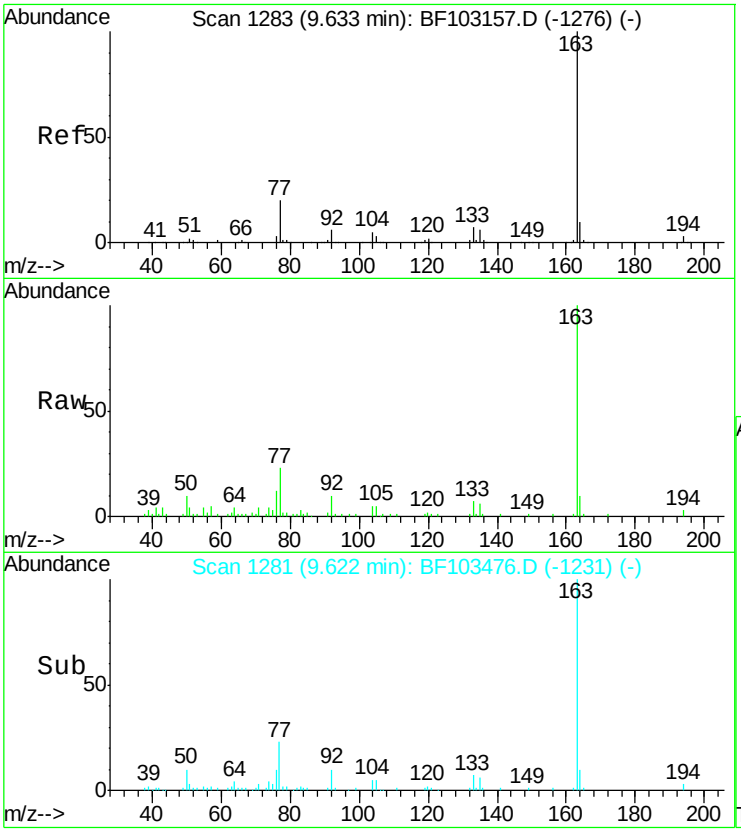


#44
2-Fluorobiphenyl
Concen: 75.085 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.00 min
Lab File: BF103476.D
Acq: 7 Mar 2018 00:34

Tgt Ion:172 Resp: 969666

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.7	44.5
170	24.6	19.6	29.4

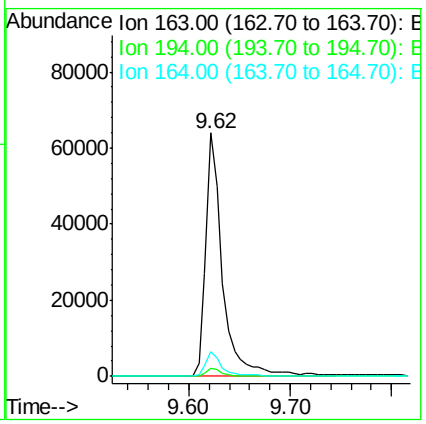




#49
Dimethylphthalate
Concen: 4.282 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF103476.D
Acq: 7 Mar 2018 00:34

Tgt Ion:163 Resp: 74317

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.7	4.1
164	10.3	8.2	12.2



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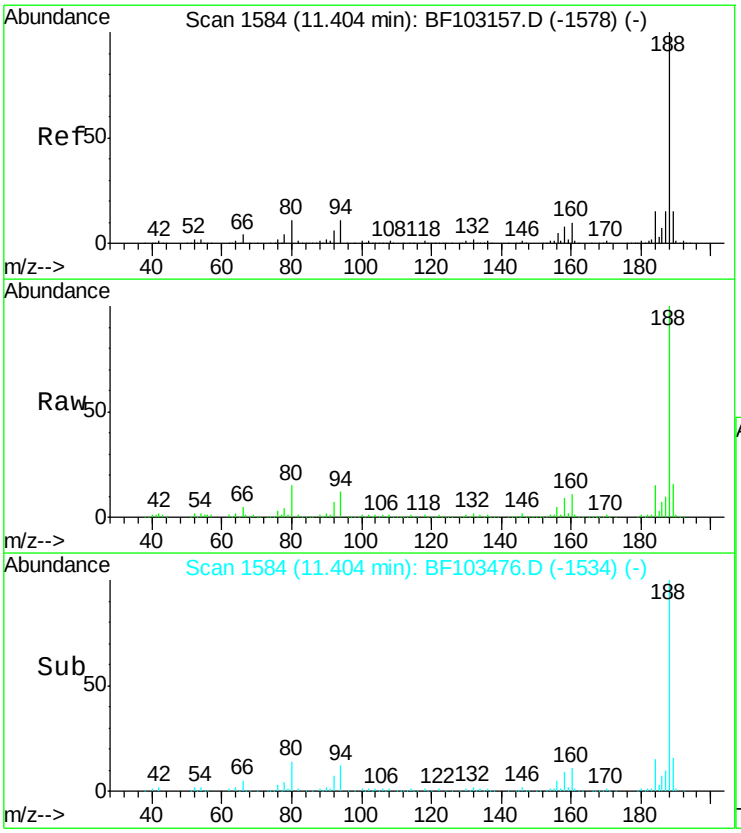
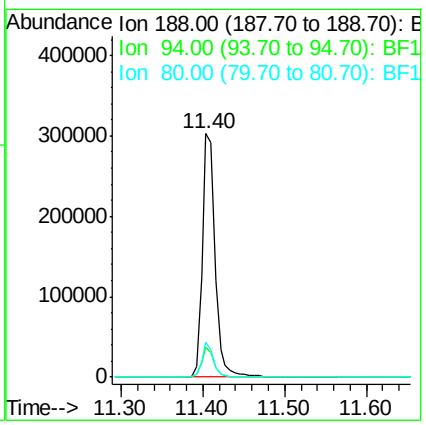
3/7/2018 12:17:42 PM

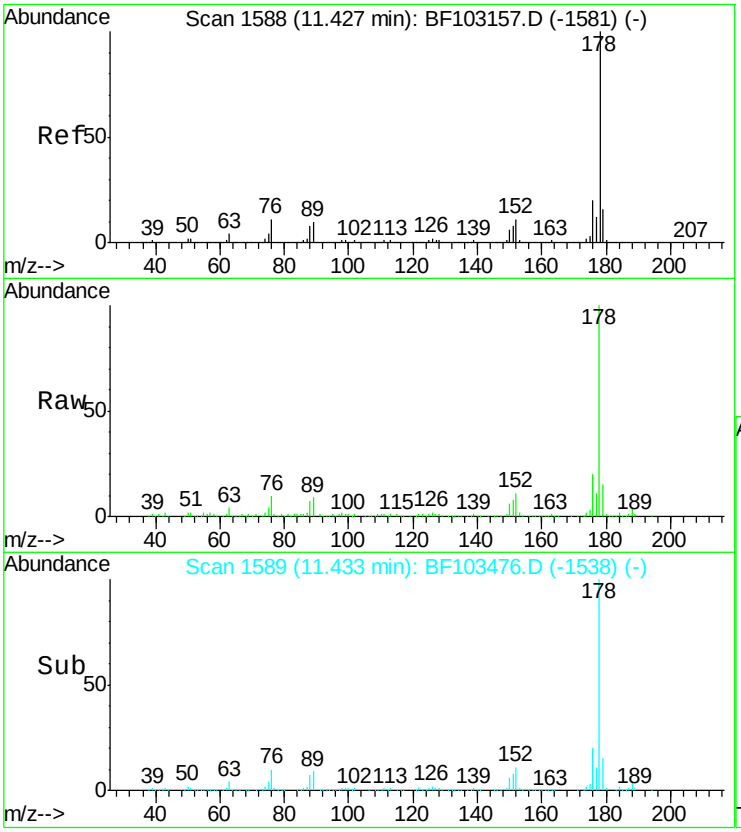


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF103476.D
Acq: 7 Mar 2018 00:34

Tgt Ion:188 Resp: 330818

Ion	Ratio	Lower	Upper
188	100		
94	12.5	8.5	12.7
80	14.5	9.2	13.8#

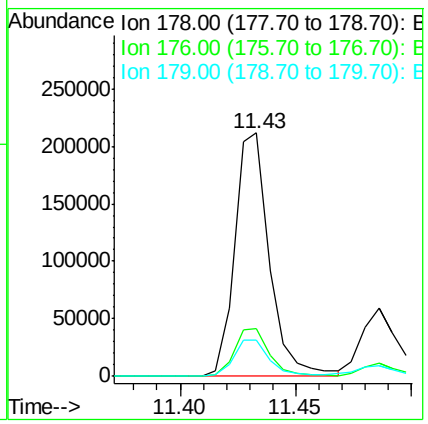




#70
Phenanthrene
Concen: 12.163 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.00 min
Lab File: BF103476.D
Acq: 7 Mar 2018 00:34

Tgt Ion:178 Resp: 221430

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.8	23.8
179	15.1	13.0	19.6



Instrument :
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ClientSampleId :
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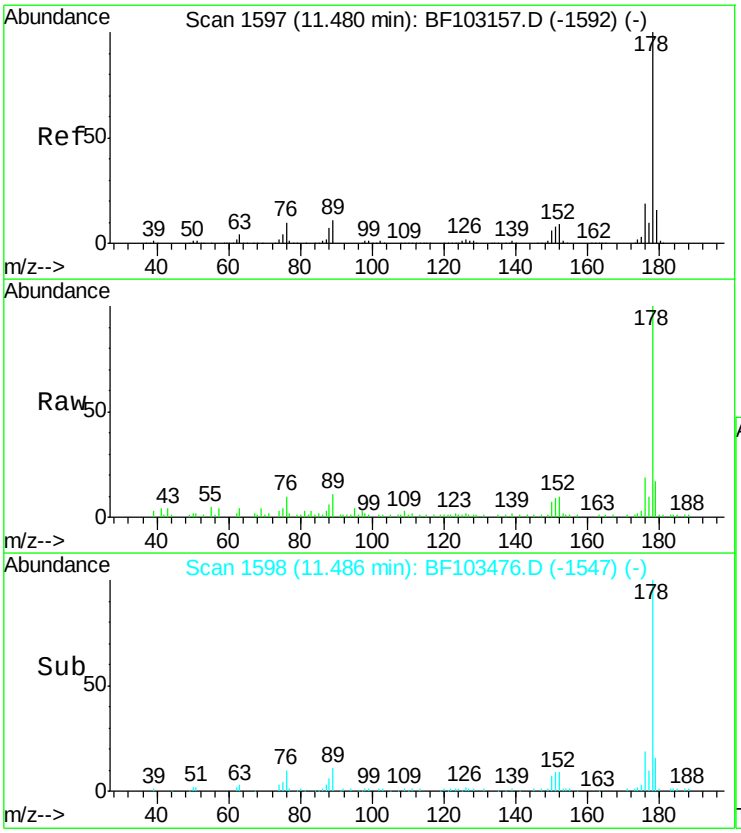
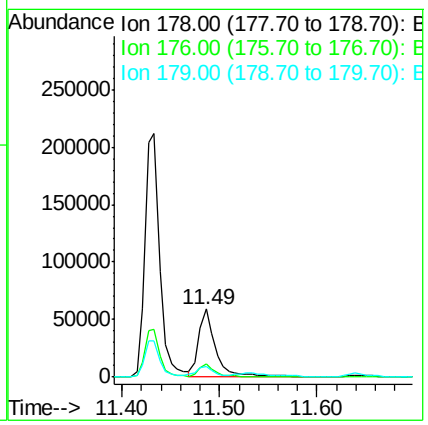
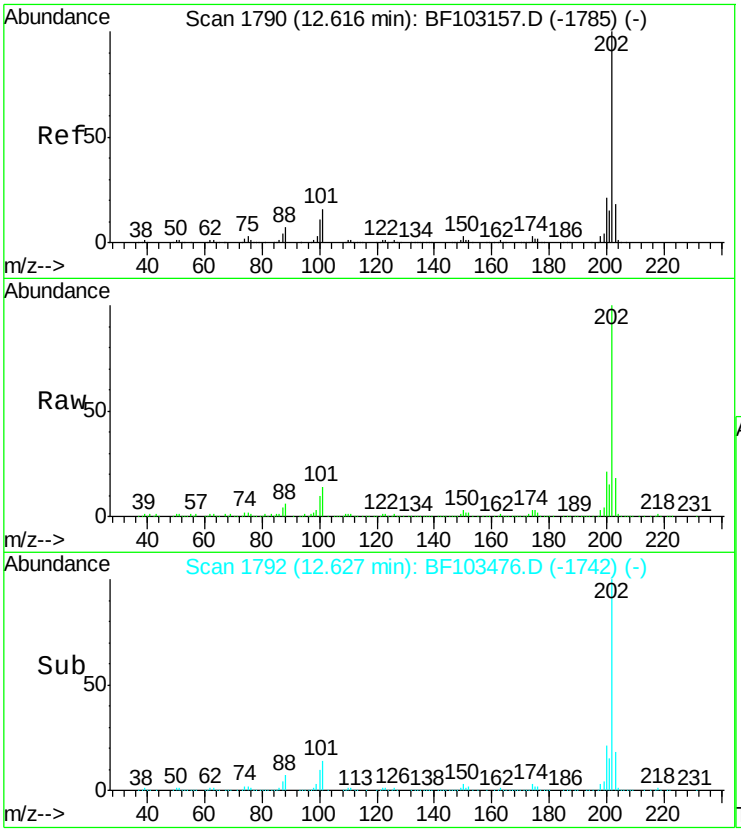


#71
Anthracene
Concen: 3.899 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.00 min
Lab File: BF103476.D
Acq: 7 Mar 2018 00:34

Tgt Ion:178 Resp: 72782

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.2
179	16.6	12.6	19.0

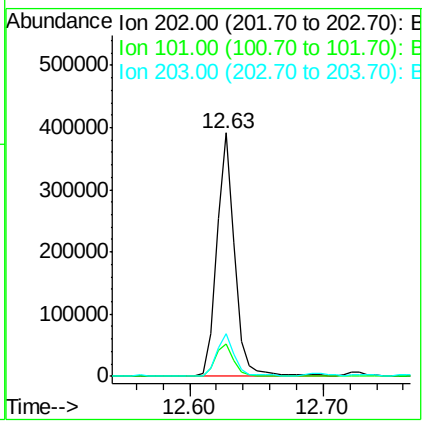




#74
Fluoranthene
Concen: 20.170 ng
RT: 12.63 min Scan# 1792
Delta R.T. -0.01 min
Lab File: BF103476.D
Acq: 7 Mar 2018 00:34

Tgt Ion:202 Resp: 369006

Ion	Ratio	Lower	Upper
202	100		
101	13.5	0.0	34.1
203	17.6	0.0	38.1



Instrument :
BNA_F
ClientSampleId :
SP-14

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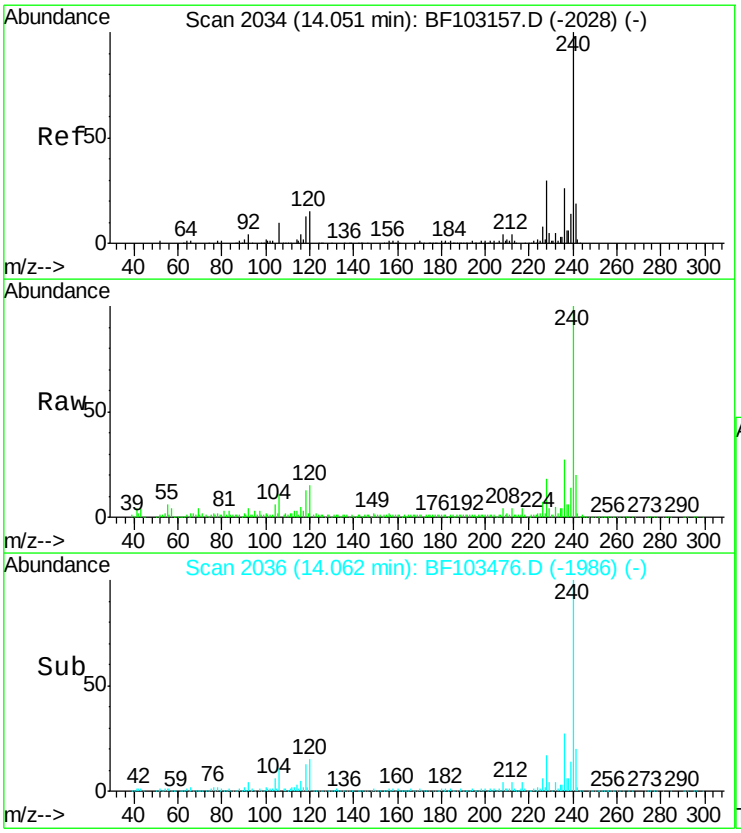
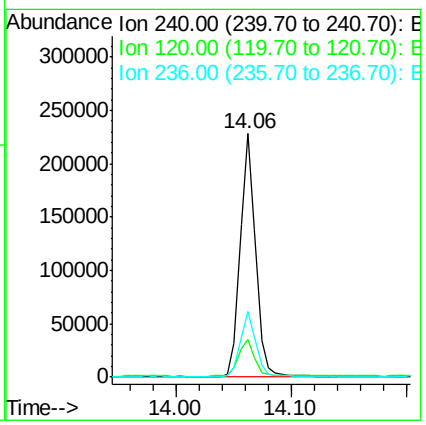
3/7/2018 12:17:42 PM

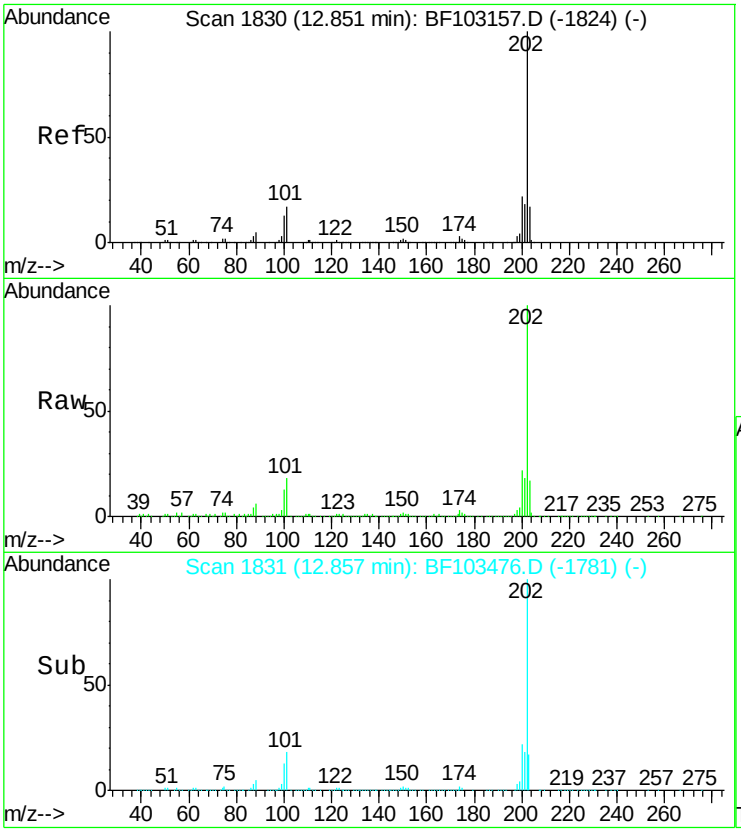


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF103476.D
Acq: 7 Mar 2018 00:34

Tgt Ion:240 Resp: 213611

Ion	Ratio	Lower	Upper
240	100		
120	15.4	9.5	14.3#
236	27.0	20.7	31.1

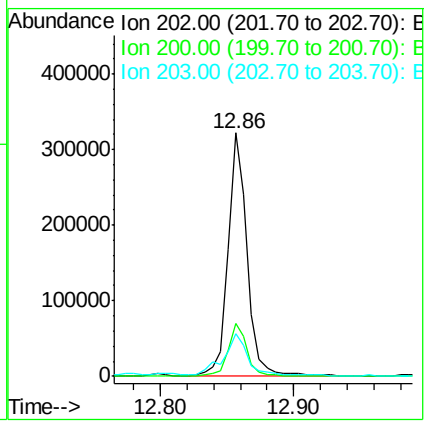




#77
Pyrene
Concen: 19.339 ng
RT: 12.86 min Scan# 1831
Delta R.T. -0.01 min
Lab File: BF103476.D
Acq: 7 Mar 2018 00:34

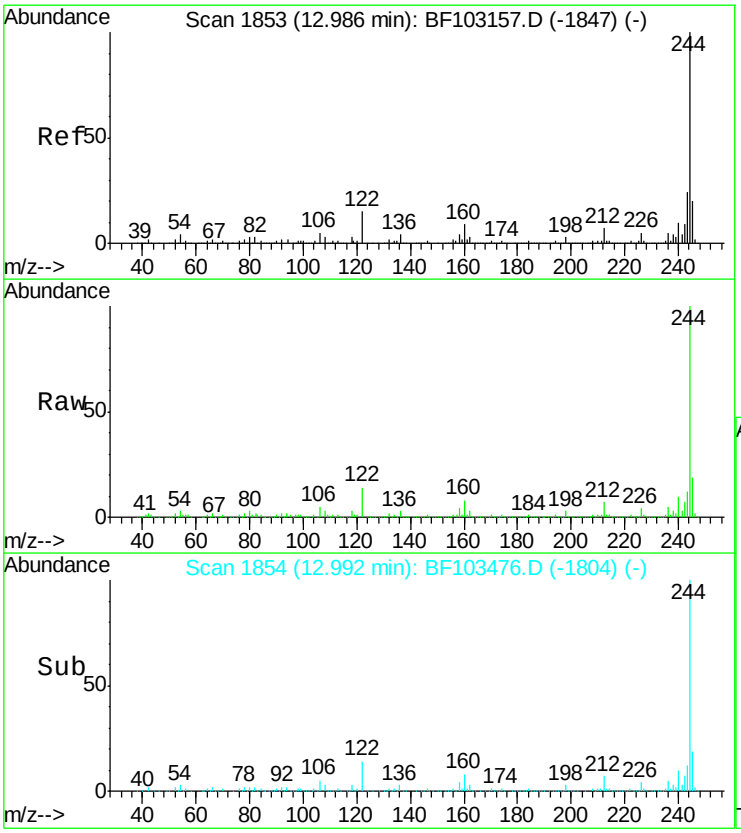
Tgt Ion:202 Resp: 322074

Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.4	26.2
203	17.3	14.3	21.5



Instrument :
BNA_F
ClientSampleId :
SP-14

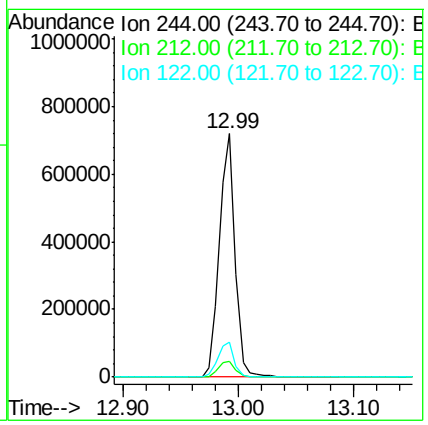
Manual Integrations APPROVED
Sohil
3/7/2018 12:17:42 PM

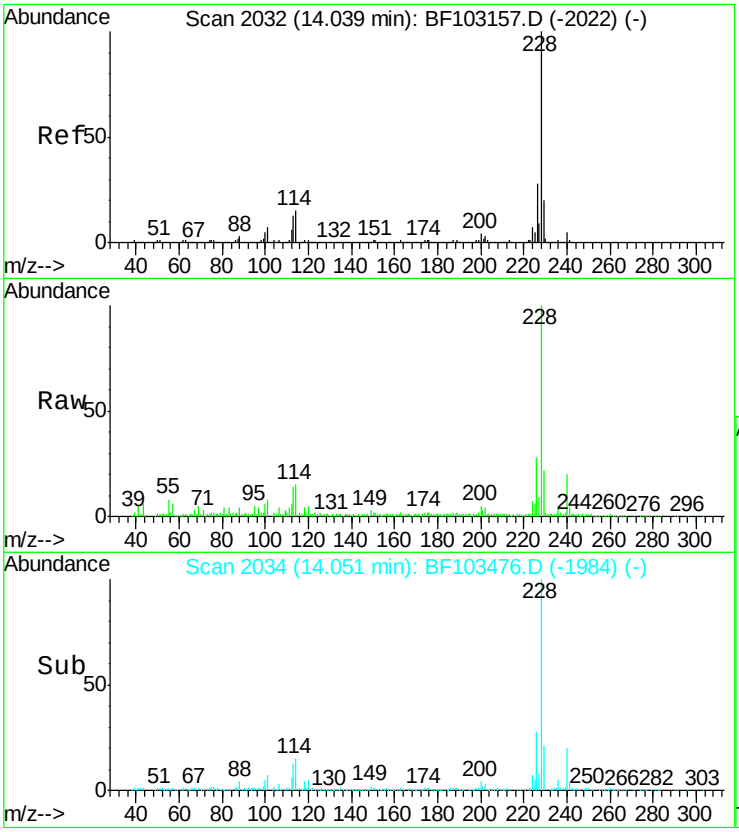


#78
Terphenyl-d14
Concen: 76.350 ng
RT: 12.99 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BF103476.D
Acq: 7 Mar 2018 00:34

Tgt Ion:244 Resp: 678453

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	14.2	11.0	16.4

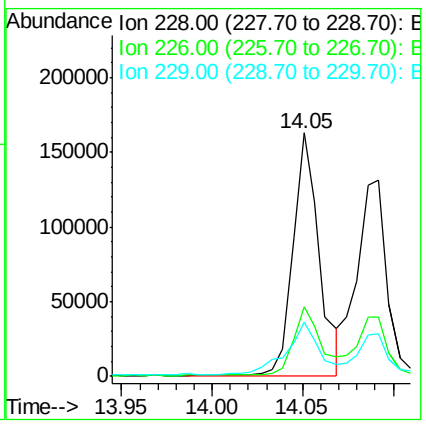




#80
Benzo(a)anthracene
Concen: 11.892 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF103476.D
Acq: 7 Mar 2018 00:34

Tgt Ion:228 Resp: 164825

Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.6	33.8
229	22.1	15.8	23.6



Instrument :
BNA_F
ClientSampleId :
SP-14

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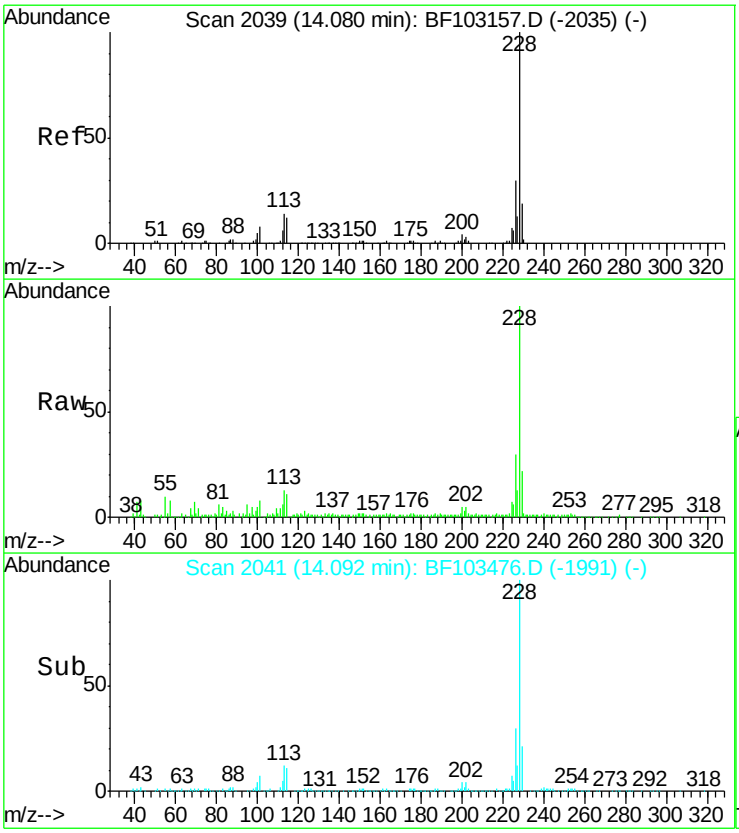
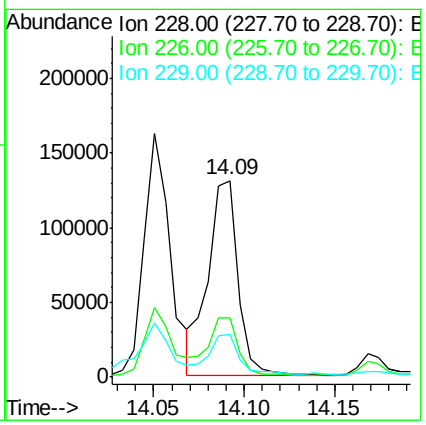
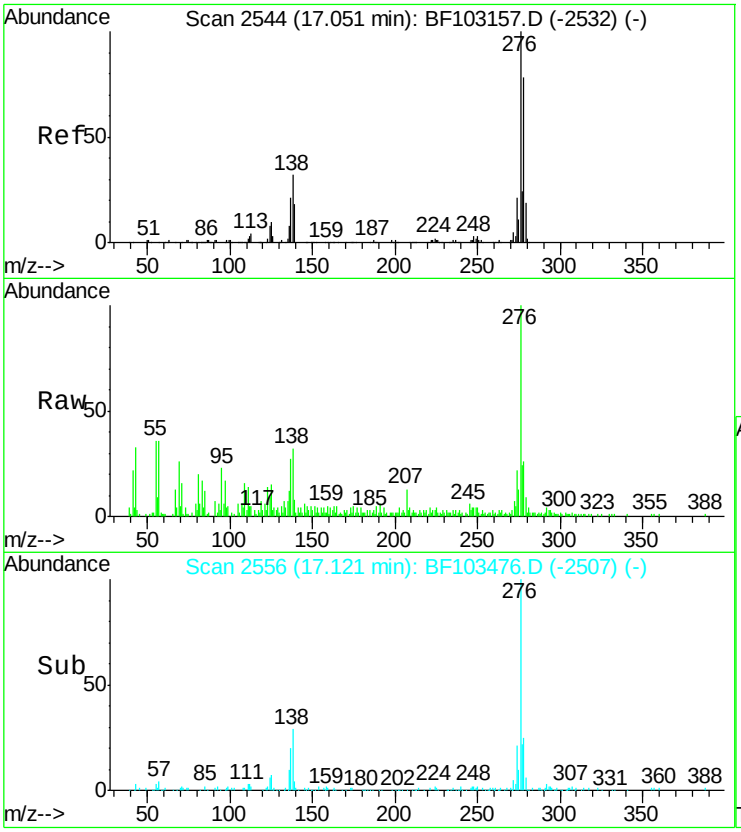


#82
Chrysene
Concen: 11.312 ng
RT: 14.09 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BF103476.D
Acq: 7 Mar 2018 00:34

Tgt Ion:228 Resp: 152230

Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.0	37.6
229	22.0	16.2	24.4

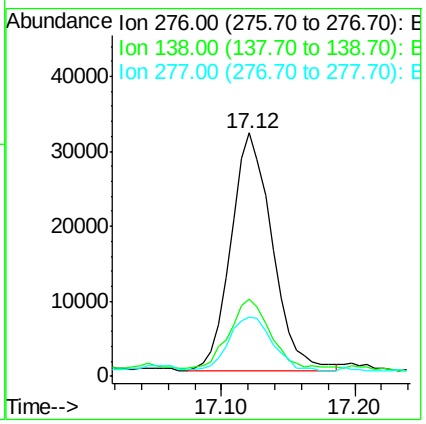




#85
Indeno(1,2,3-cd)pyrene
Concen: 6.408 ng
RT: 17.12 min Scan# 2556
Delta R.T. -0.01 min
Lab File: BF103476.D
Acq: 7 Mar 2018 00:34

Tgt Ion:276 Resp: 68270

Ion	Ratio	Lower	Upper
276	100		
138	28.7	25.0	37.6
277	24.0	20.1	30.1



Instrument :
BNA_F
ClientSampleId :
SP-14

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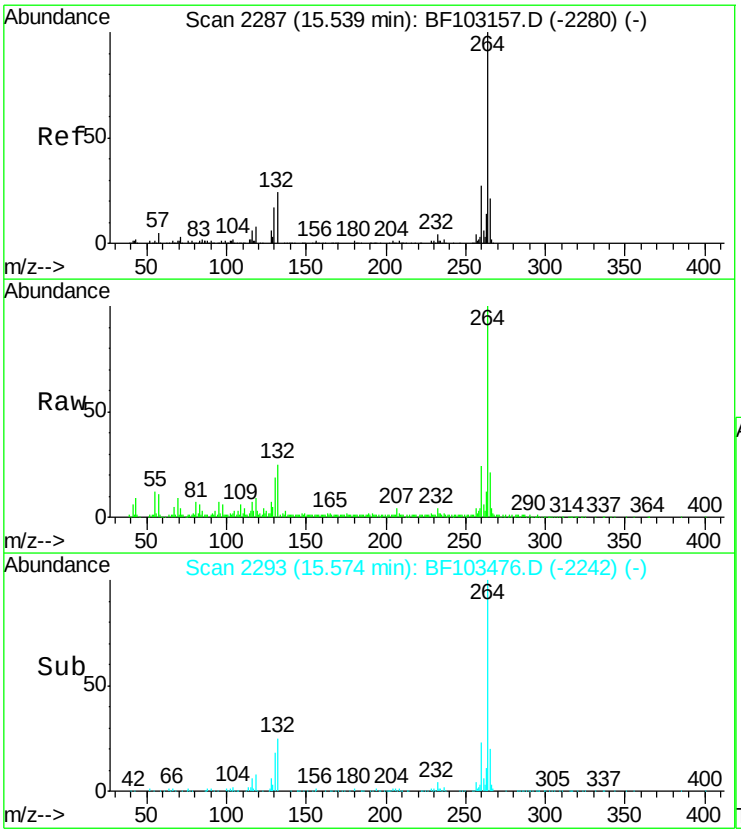
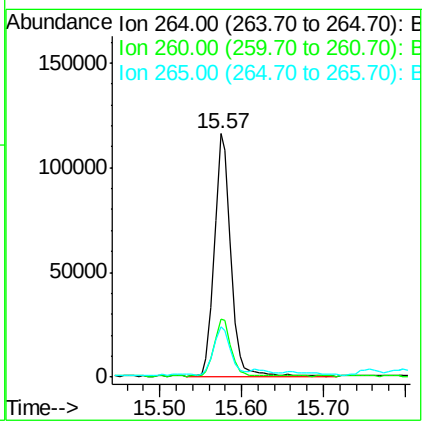
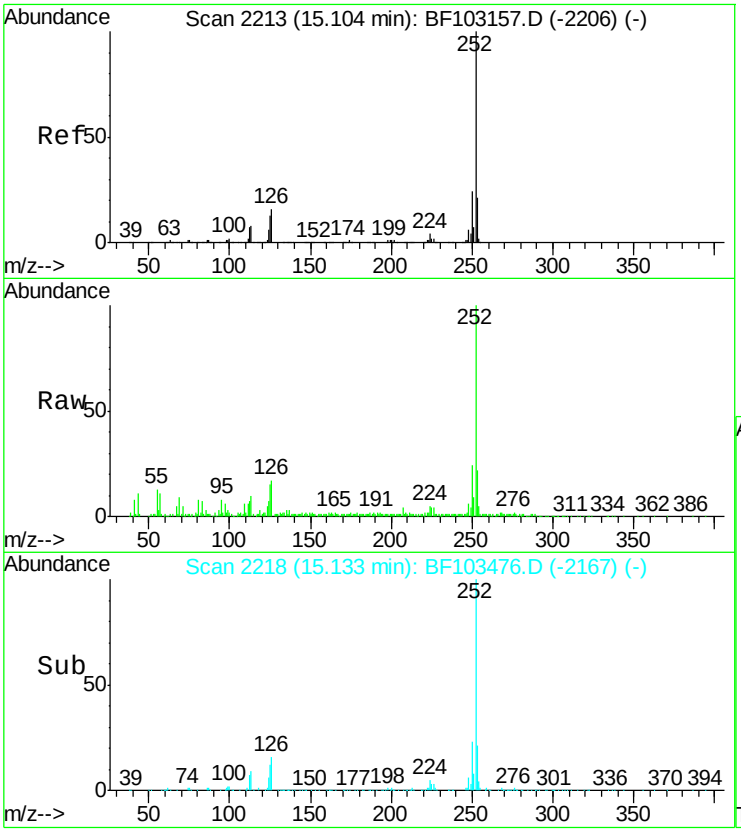


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2293
Delta R.T. -0.00 min
Lab File: BF103476.D
Acq: 7 Mar 2018 00:34

Tgt Ion:264 Resp: 161852

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	20.6	17.5	26.3

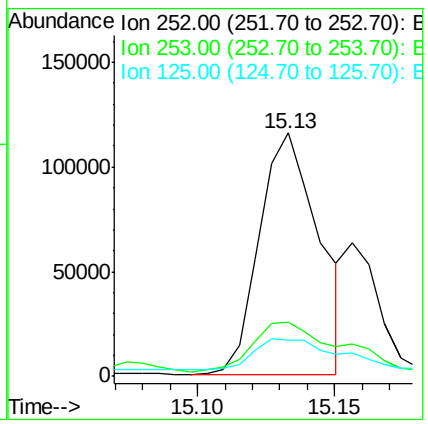




#87
Benzo(b)fluoranthene
Concen: 16.505 ng m
RT: 15.13 min Scan# 2218
Delta R.T. -0.00 min
Lab File: BF103476.D
Acq: 7 Mar 2018 00:34

Tgt Ion:252 Resp: 175635

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.0	25.6
125	15.0	9.0	13.6#



Instrument :
BNA_F
ClientSampleId :
SP-14

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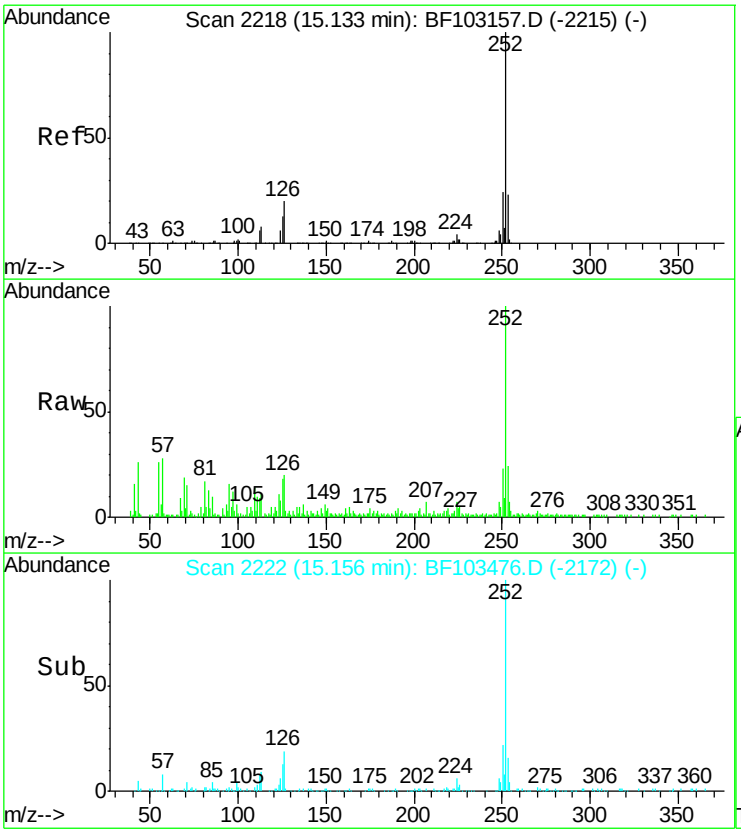
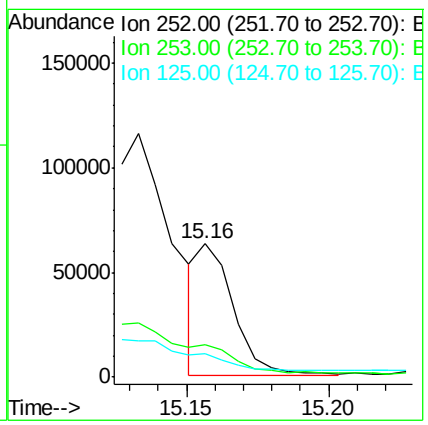
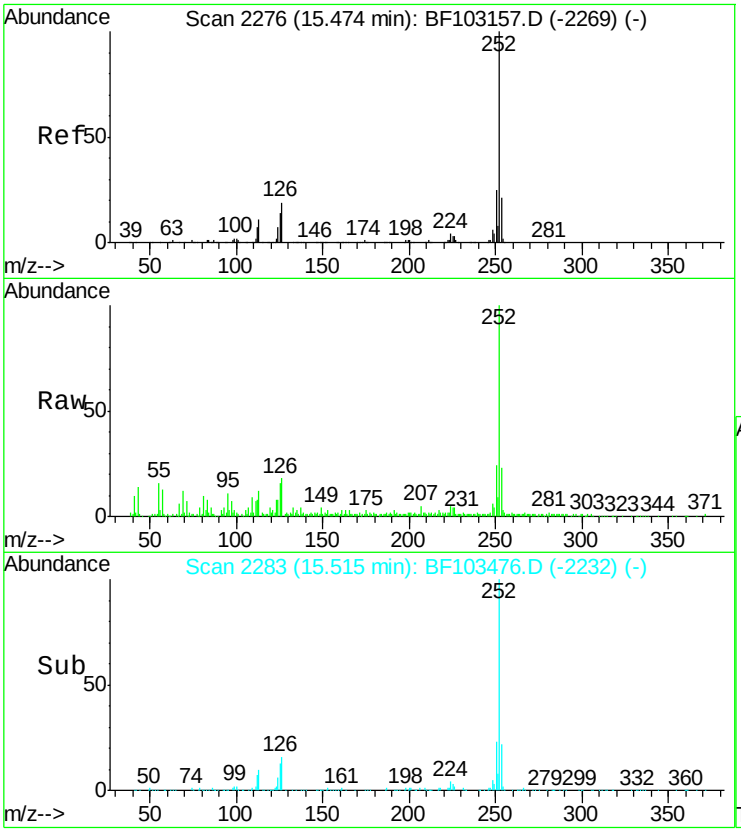


#88
Benzo(k)fluoranthene
Concen: 5.540 ng m
RT: 15.16 min Scan# 2222
Delta R.T. -0.01 min
Lab File: BF103476.D
Acq: 7 Mar 2018 00:34

Tgt Ion:252 Resp: 55514

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.9	26.9
125	17.8	10.2	15.2#





#89
Benzo(a)pyrene
Concen: 12.286 ng
RT: 15.52 min Scan# 2283
Delta R.T. -0.00 min
Lab File: BF103476.D
Acq: 7 Mar 2018 00:34

Tgt Ion:252 Resp: 116752

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.1	25.7
125	16.1	9.8	14.6#

Instrument :
BNA_F
ClientSampleId :
SP-14

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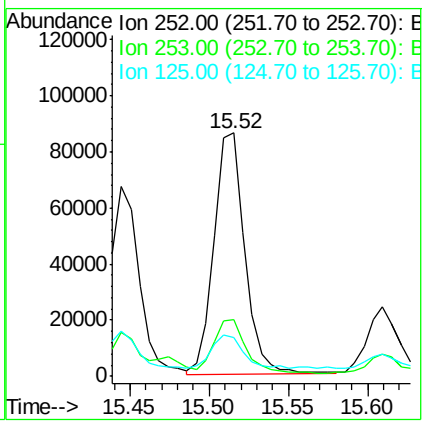
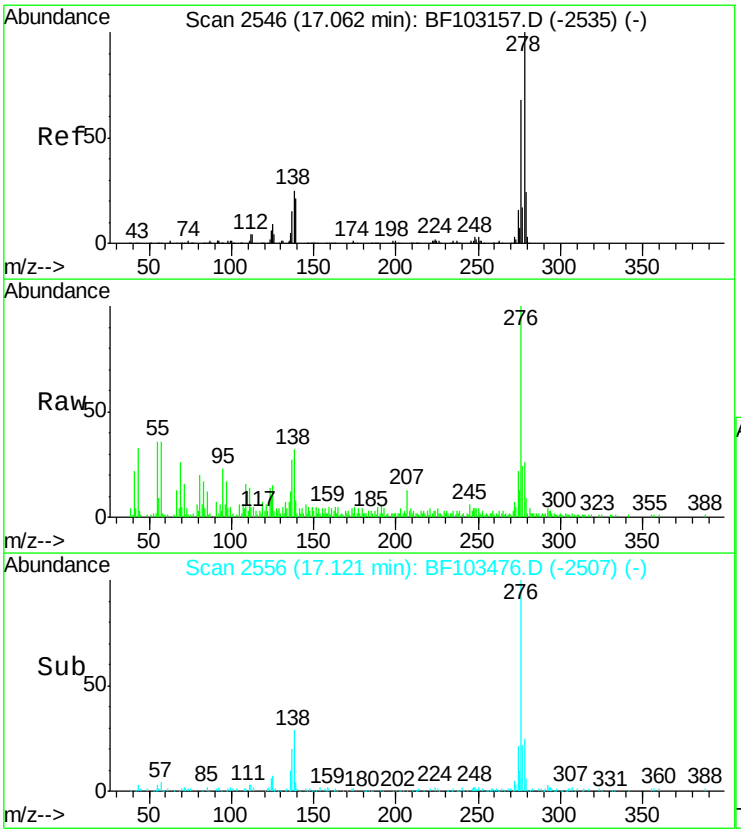
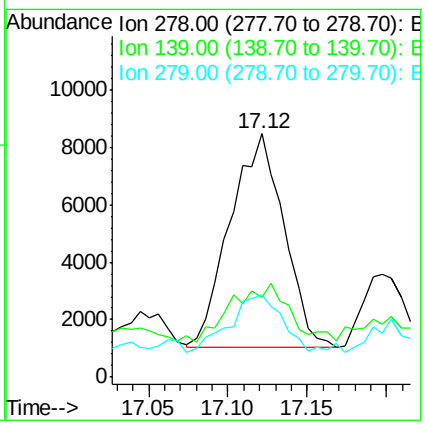


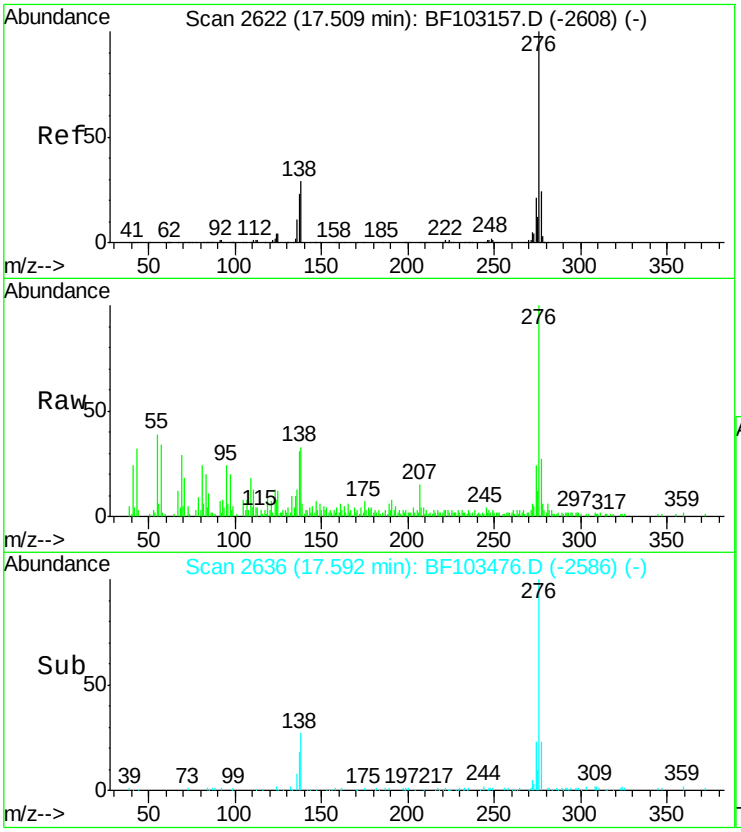


#90
Dibenzo(a,h)anthracene
Concen: 2.386 ng
RT: 17.12 min Scan# 2556
Delta R.T. -0.01 min
Lab File: BF103476.D
Acq: 7 Mar 2018 00:34

Tgt Ion:278 Resp: 17523

Ion	Ratio	Lower	Upper
278	100		
139	32.5	15.9	23.9#
279	33.9	19.0	28.4#

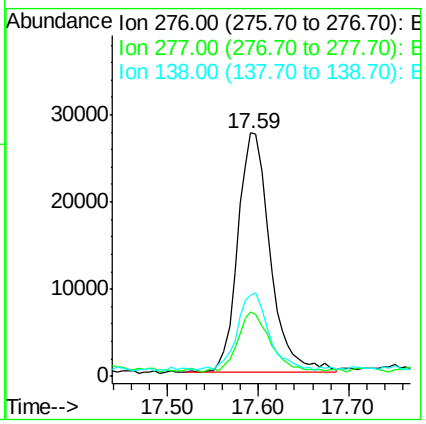




#91
Benzo(g,h,i)perylene
Concen: 9.586 ng
RT: 17.59 min Scan# 2636
Delta R.T. -0.01 min
Lab File: BF103476.D
Acq: 7 Mar 2018 00:34

Tgt Ion:276 Resp: 68793

Ion	Ratio	Lower	Upper
276	100		
277	26.6	17.9	26.9
138	33.0	21.8	32.8#



Instrument :
BNA_F
ClientSampleId :
SP-14

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