Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030118\
Data File : BF103343.D
Acq On : 1 Mar 2018 18:10
Operator : SJ/JU
Sample : J1721-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-50

Manual Integrations APPROVED
Sohil
3/2/2018 3:30:50 PM

Quant Time: Mar 02 10:06:04 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 27 17:05:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	141812	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	525915	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	190192	20.00	ng		0.00
63) Phenanthrene-d10	11.41	188	292745	20.00	ng		0.00
75) Chrysene-d12	14.06	240	205644	20.00	ng		0.00
86) Perylene-d12	15.57	264	151599	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	1027198	109.55	ng		0.01
7) Phenol-d6	6.52	99	1189652	103.69	ng		0.00
23) Nitrobenzene-d5	7.45	82	711592	77.27	ng		0.00
41) 2,4,6-Tribromophenol	10.72	330	152724	94.87	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	928474	83.80	ng		0.00
78) Terphenyl-d14	13.00	244	671455	78.49	ng		0.00
Target Compounds							Qvalue
49) Dimethylphthalate	9.63	163	92295	6.049	ng		99
70) Phenanthrene	11.43	178	96030	5.961	ng		99
74) Fluoranthene	12.63	202	205594	12.699	ng		97
77) Pyrene	12.86	202	200773	12.522	ng		99
80) Benzo(a)anthracene	14.05	228	89510	6.708	ng		98
82) Chrysene	14.09	228	86500	6.677	ng		97
85) Indeno(1,2,3-cd)pyrene	17.10	276	32184	3.138	ng		97
87) Benzo(b)fluoranthene	15.13	252	83047m	8.332	ng		
88) Benzo(k)fluoranthene	15.16	252	31025m	3.305	ng		
89) Benzo(a)pyrene	15.51	252	57258	6.433	ng	#	86
91) Benzo(g,h,i)perylene	17.57	276	34108	5.074	ng	#	88

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

Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030118\
Data File : BF103343.D
Acq On : 1 Mar 2018 18:10
Operator : SJ/JU
Sample : J1721-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 27 17:05:20 2018
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SP-50

Manual Integrations APPROVED
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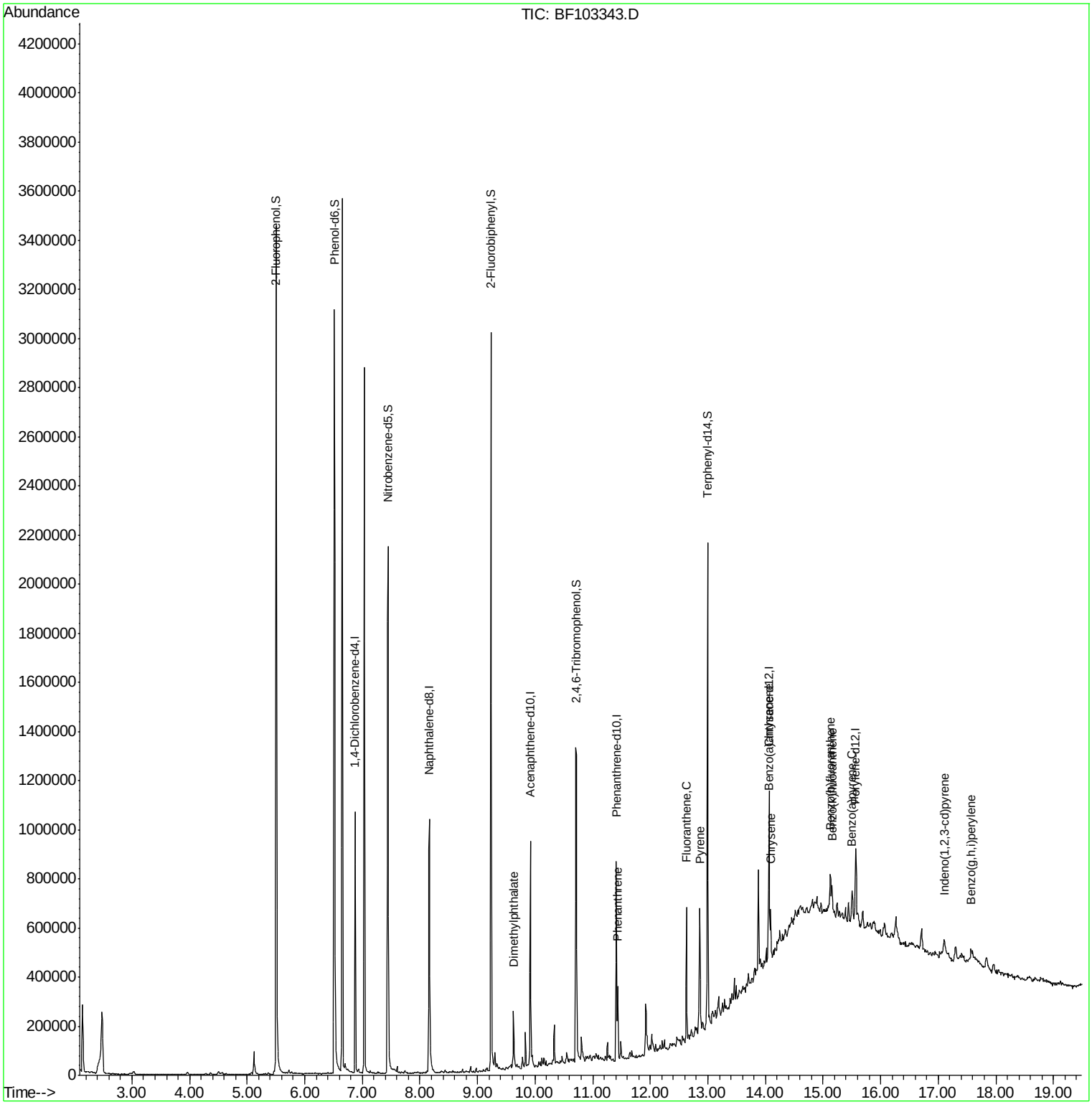
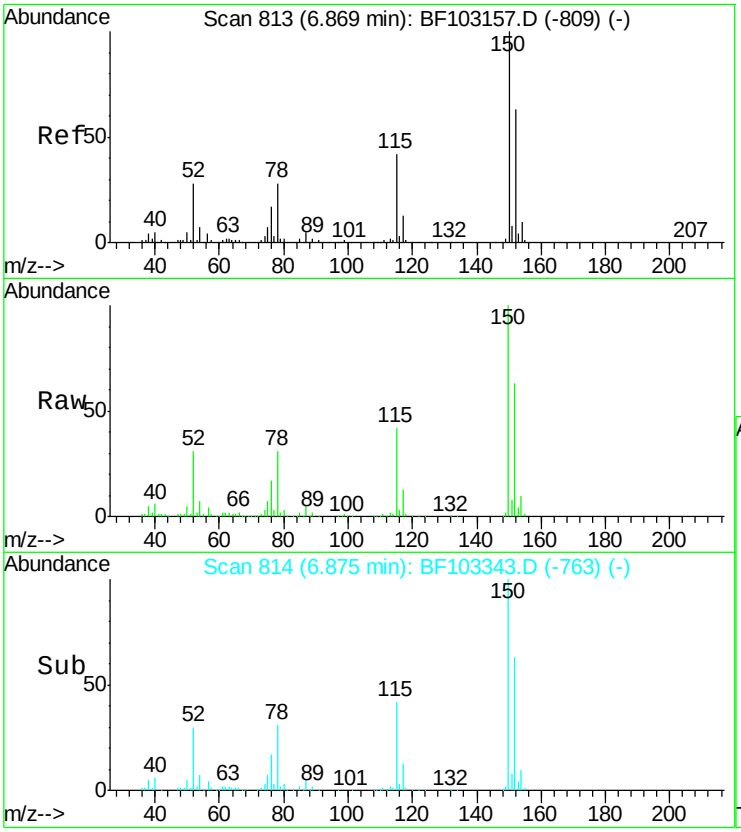
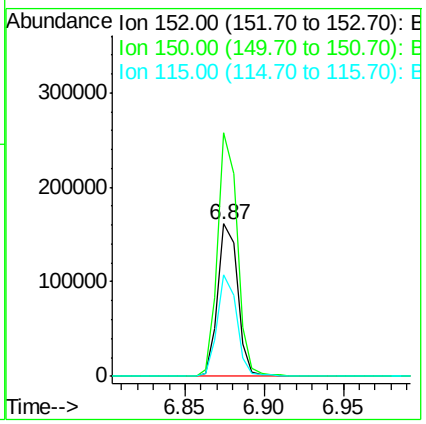




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF103343.D
Acq: 1 Mar 2018 18:10

Tgt Ion:152 Resp: 141812

Ion	Ratio	Lower	Upper
152	100		
150	159.6	124.6	186.8
115	66.5	50.1	75.1



Instrument :
BNA_F
ClientSampleId :
SP-50

Manual Integrations APPROVED
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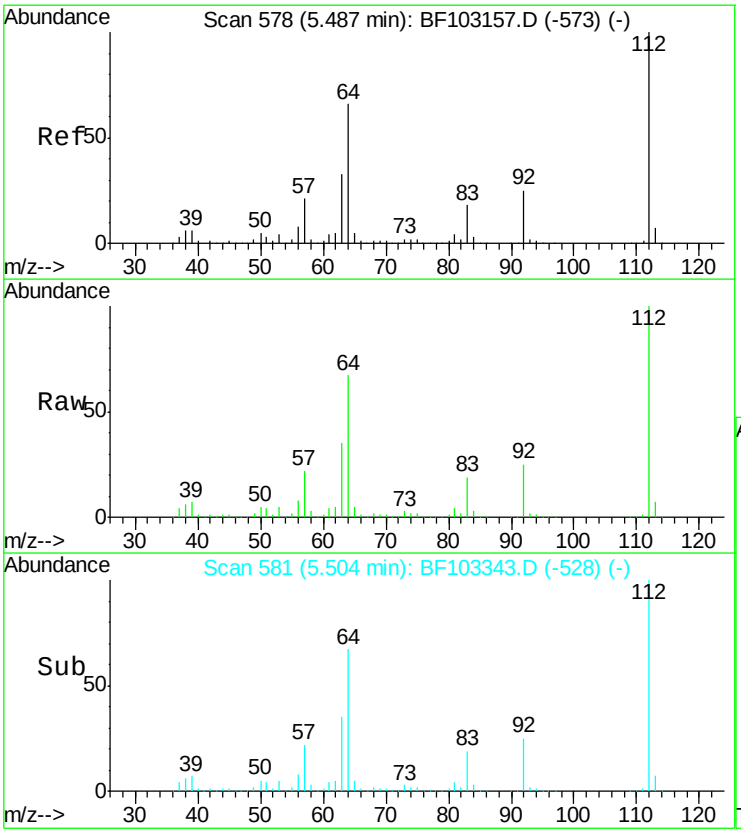
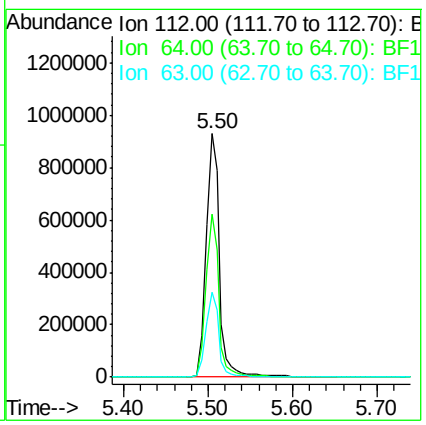
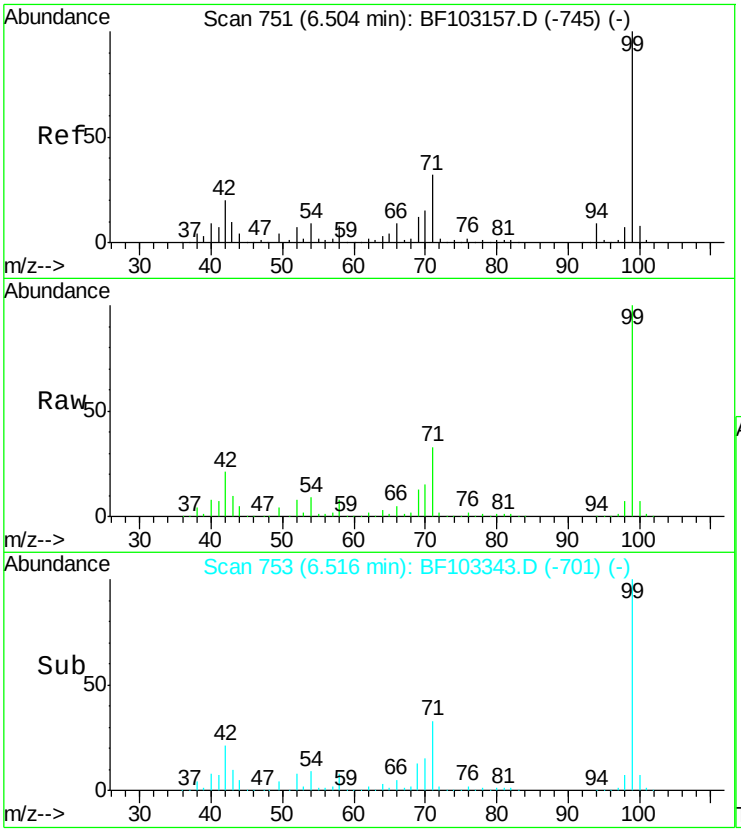


#5
2-Fluorophenol
Concen: 109.551 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF103343.D
Acq: 1 Mar 2018 18:10

Tgt Ion:112 Resp: 1027198

Ion	Ratio	Lower	Upper
112	100		
64	67.2	47.9	71.9
63	35.1	23.7	35.5

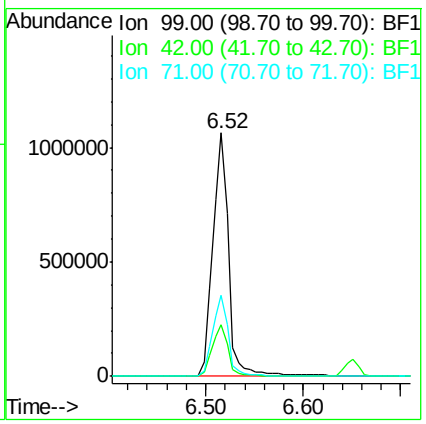




#7
Phenol-d6
Concen: 103.687 ng
RT: 6.52 min Scan# 753
Delta R.T. 0.01 min
Lab File: BF103343.D
Acq: 1 Mar 2018 18:10

Tgt Ion: 99 Resp: 1189652

Ion	Ratio	Lower	Upper
99	100		
42	21.2	14.5	21.7
71	33.4	25.4	38.0



Instrument :
BNA_F
ClientSampleId :
SP-50

Manual Integrations APPROVED
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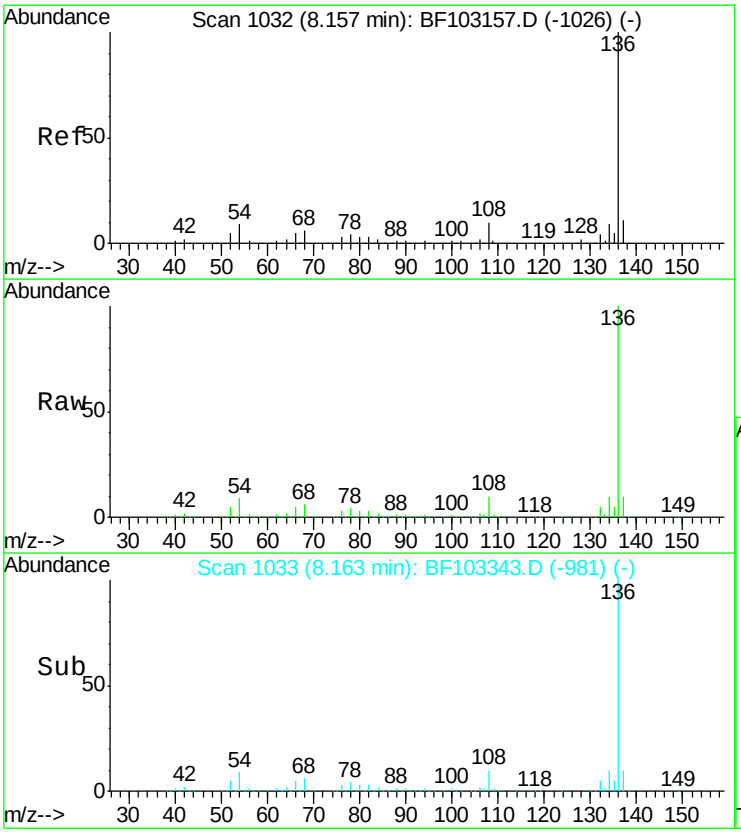
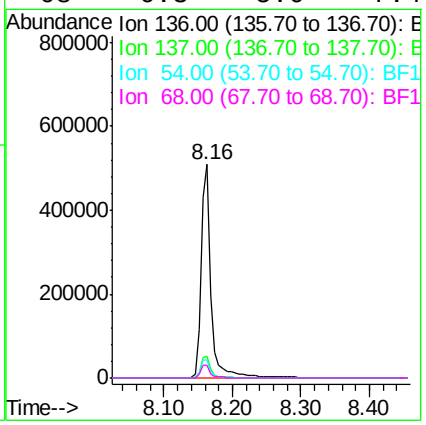
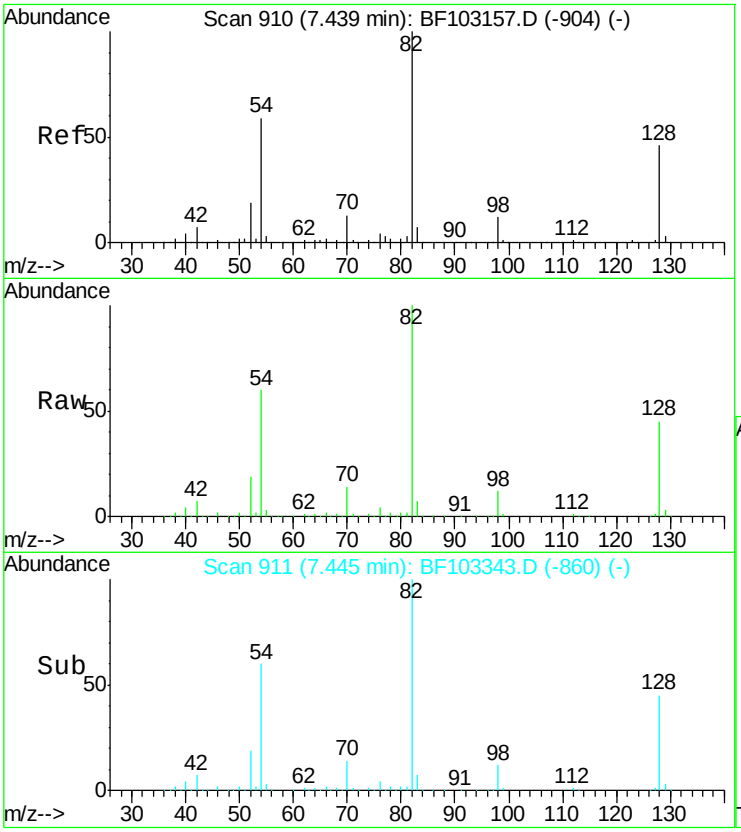


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. 0.01 min
Lab File: BF103343.D
Acq: 1 Mar 2018 18:10

Tgt Ion:136 Resp: 525915

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	8.6	6.6	9.8
68	6.3	5.0	7.4

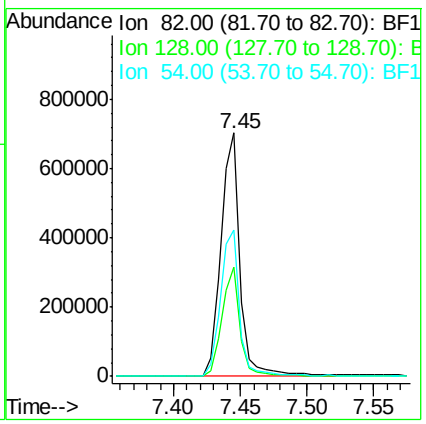




#23
Nitrobenzene-d5
Concen: 77.271 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.00 min
Lab File: BF103343.D
Acq: 1 Mar 2018 18:10

Tgt Ion: 82 Resp: 711592

Ion	Ratio	Lower	Upper
82	100		
128	44.7	36.1	54.1
54	60.0	41.4	62.2



Instrument :
BNA_F
ClientSampleId :
SP-50

Manual Integrations APPROVED
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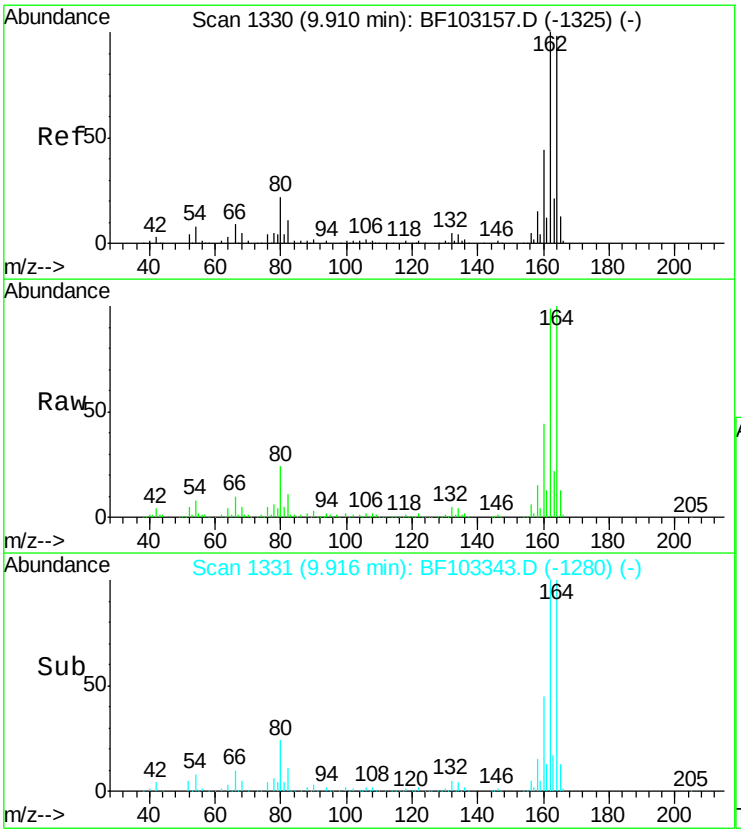
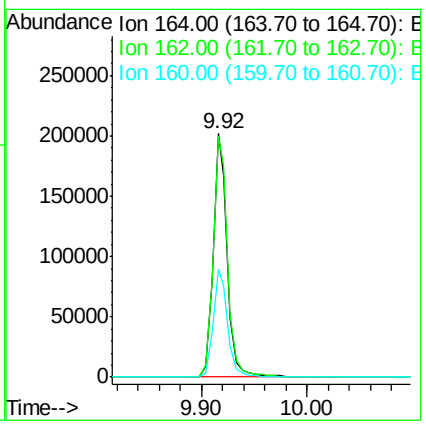
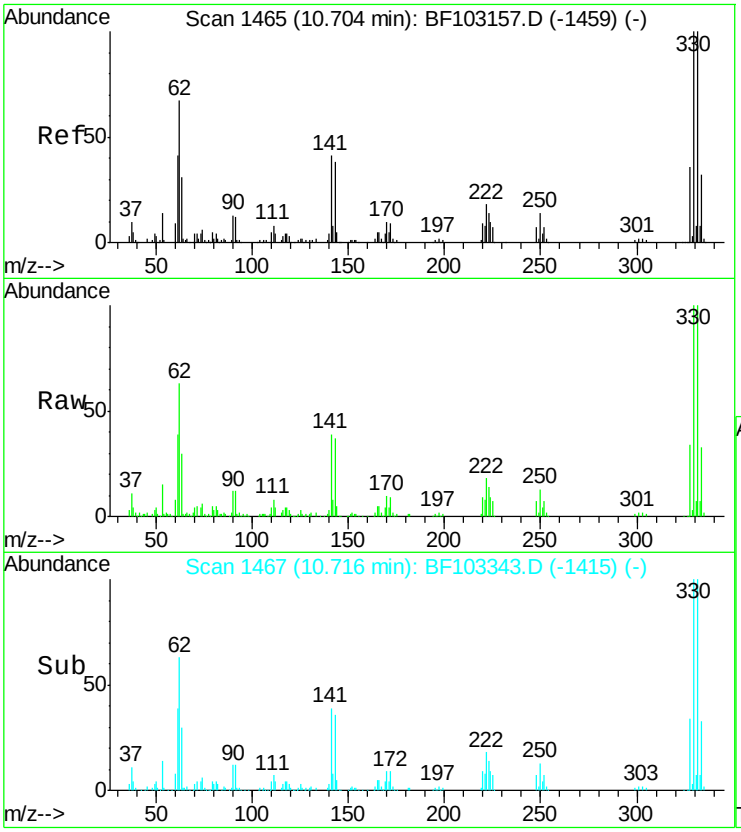


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BF103343.D
Acq: 1 Mar 2018 18:10

Tgt Ion:164 Resp: 190192

Ion	Ratio	Lower	Upper
164	100		
162	99.1	86.1	129.1
160	44.3	38.3	57.5





#41
2,4,6-Tribromophenol
Concen: 94.867 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.01 min
Lab File: BF103343.D
Acq: 1 Mar 2018 18:10

Tgt Ion:330 Resp: 152724

Ion	Ratio	Lower	Upper
330	100		
332	100.8	77.0	115.6
141	46.2	29.9	44.9#

Instrument :
BNA_F
ClientSampleId :
SP-50

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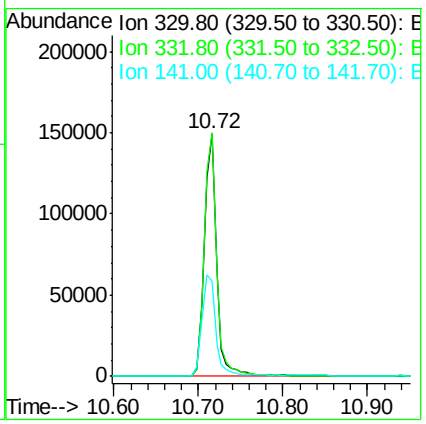
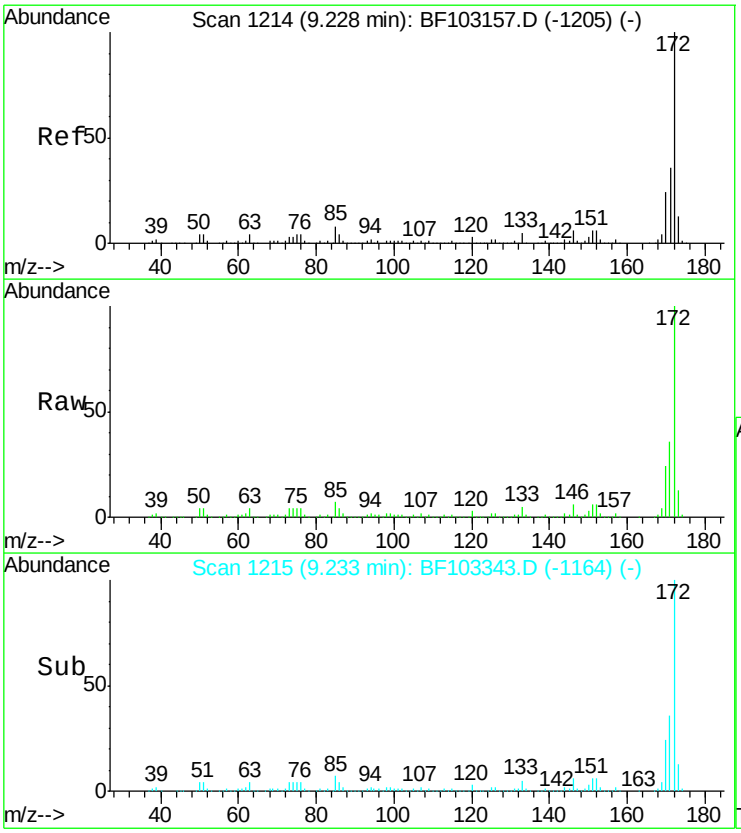
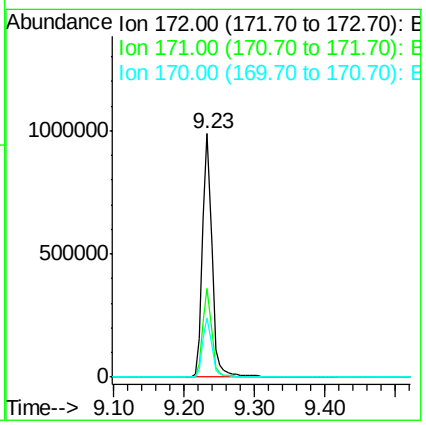


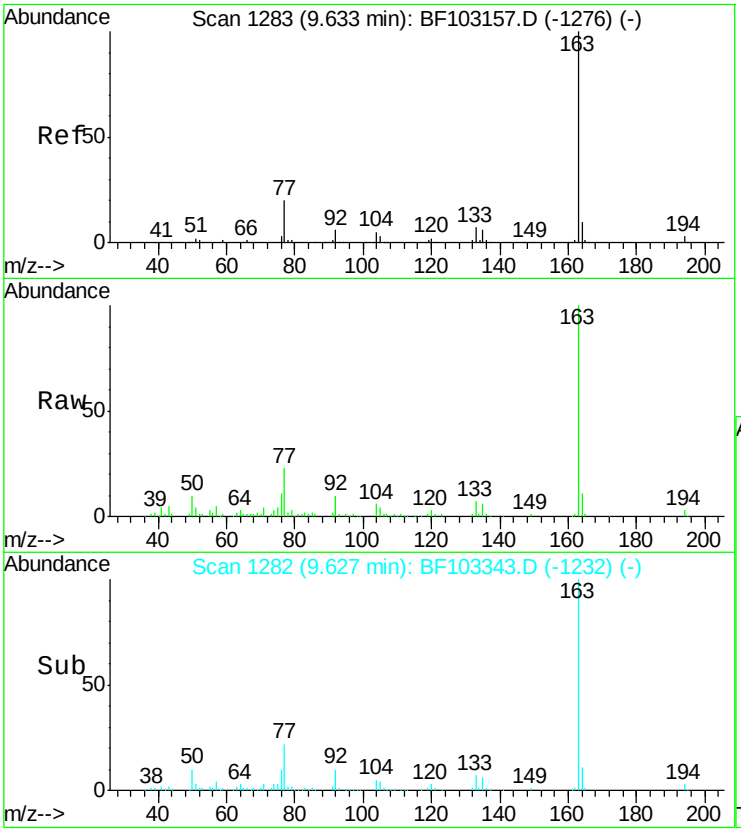


#44
2-Fluorobiphenyl
Concen: 83.802 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.00 min
Lab File: BF103343.D
Acq: 1 Mar 2018 18:10

Tgt Ion:172 Resp: 928474

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.5	19.6	29.4

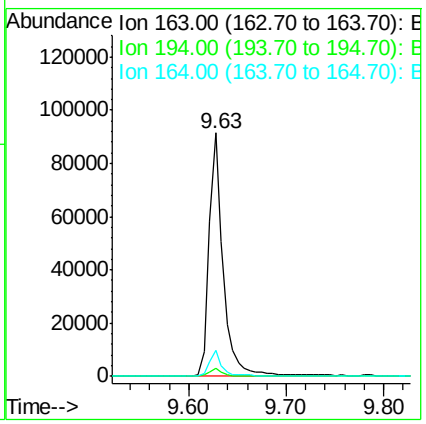




#49
Dimethylphthalate
Concen: 6.049 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF103343.D
Acq: 1 Mar 2018 18:10

Tgt Ion:163 Resp: 92295

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.7	4.1
164	10.7	8.2	12.2



Instrument :
BNA_F
ClientSampleId :
SP-50

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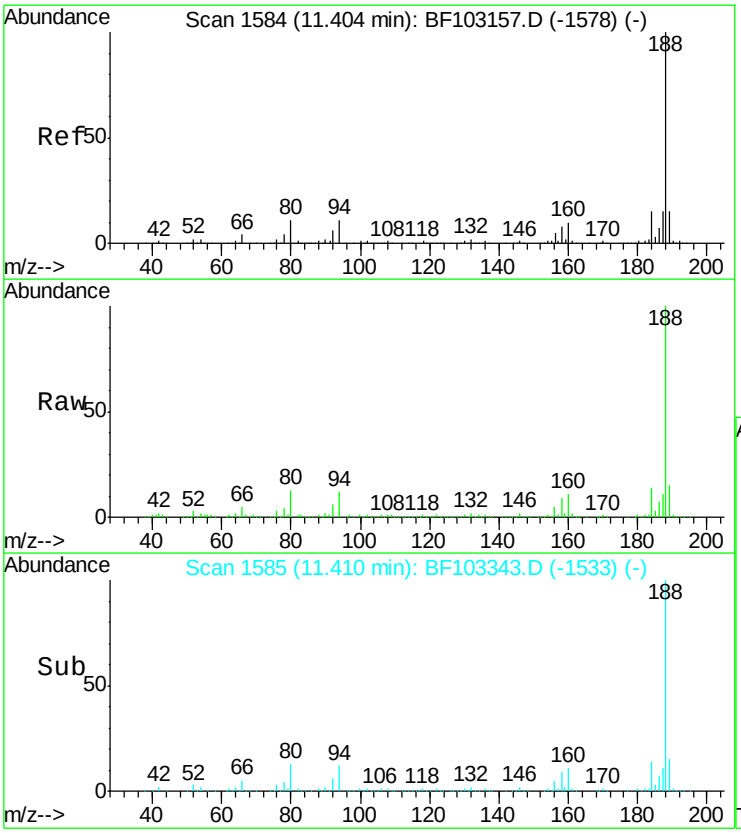
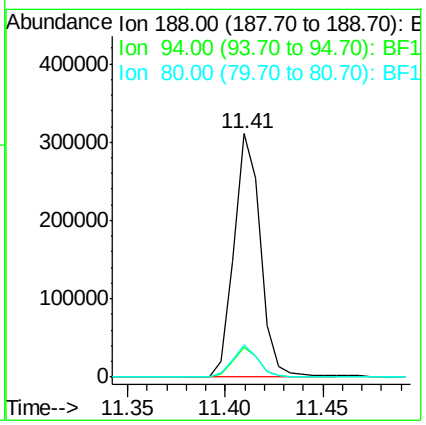
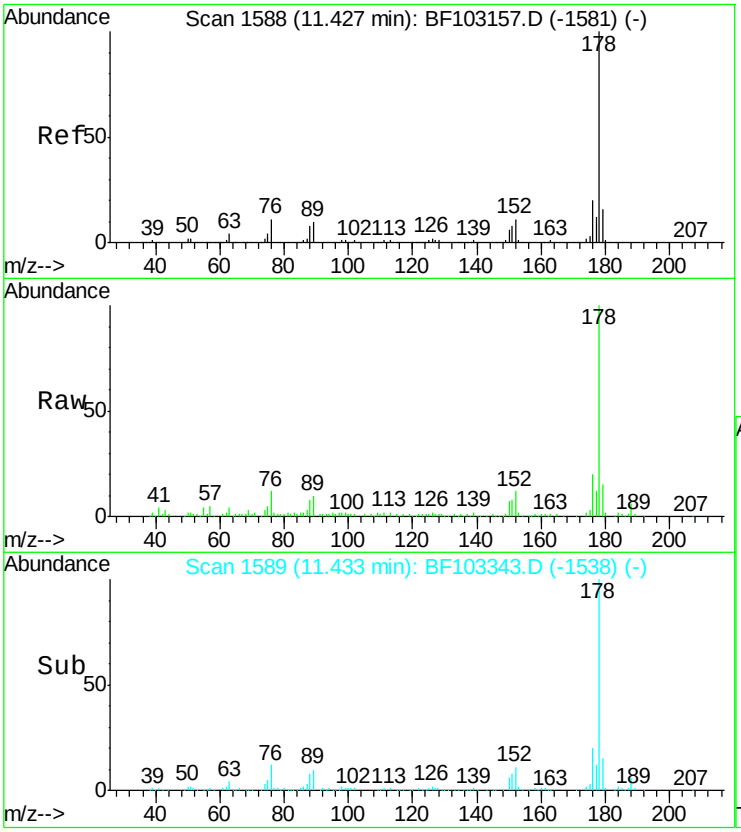


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.01 min
Lab File: BF103343.D
Acq: 1 Mar 2018 18:10

Tgt Ion:188 Resp: 292745

Ion	Ratio	Lower	Upper
188	100		
94	12.0	8.5	12.7
80	13.3	9.2	13.8

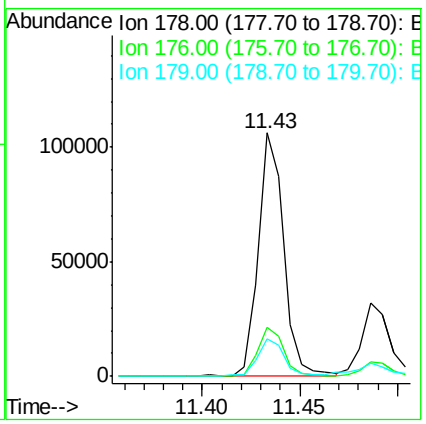




#70
Phenanthrene
Concen: 5.961 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.00 min
Lab File: BF103343.D
Acq: 1 Mar 2018 18:10

Tgt Ion:178 Resp: 96030

Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.8	23.8
179	15.4	13.0	19.6



Instrument :
BNA_F
ClientSampleId :
SP-50

Manual Integrations APPROVED
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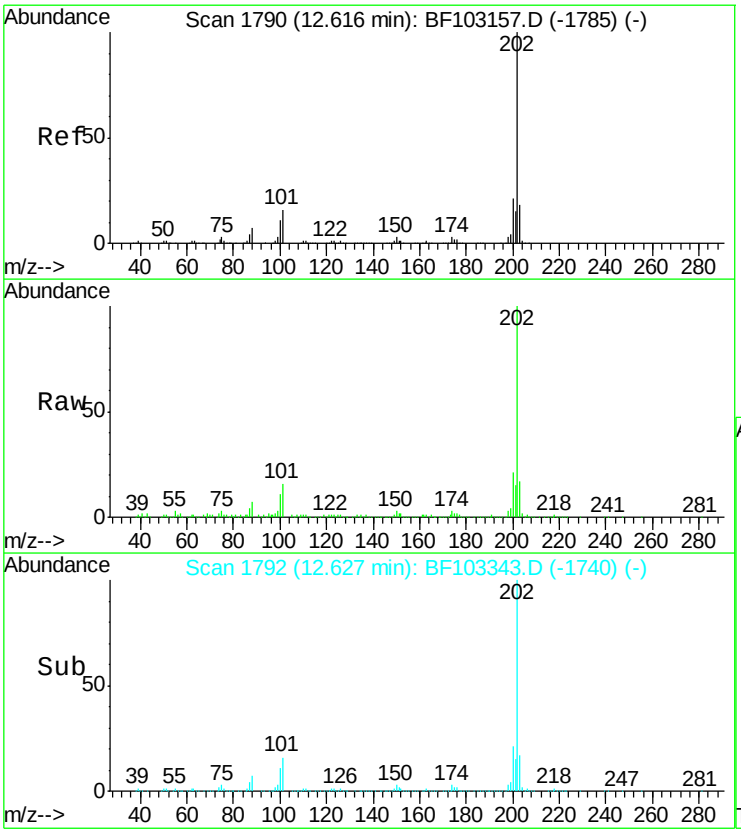
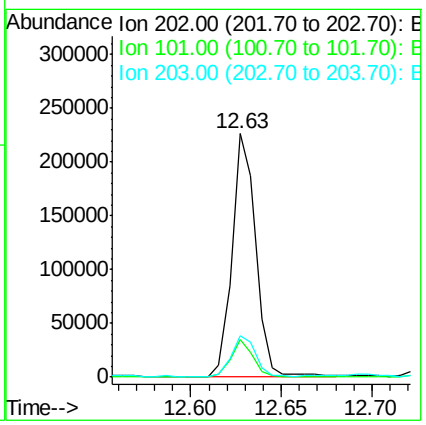
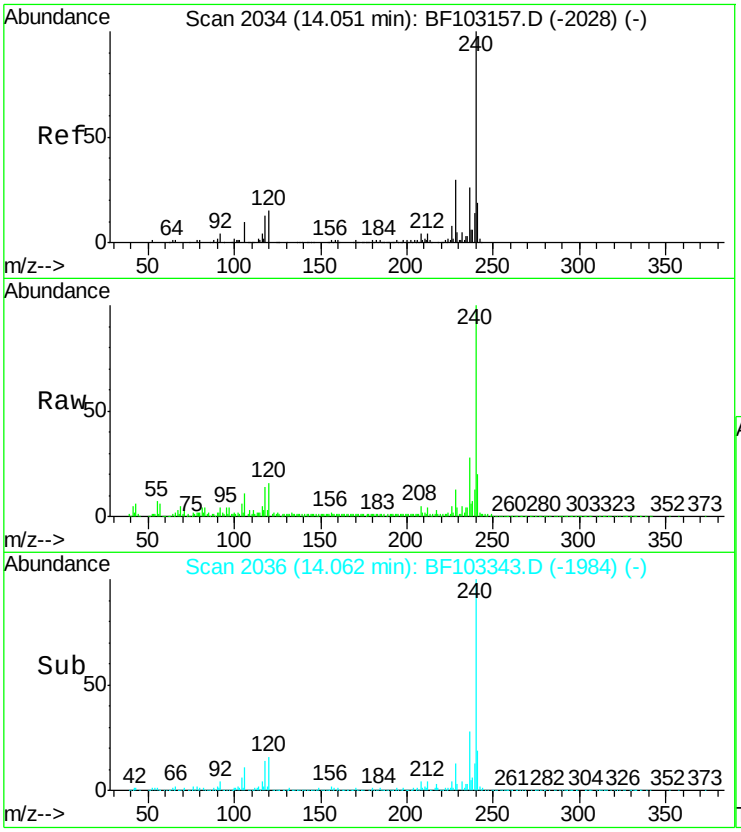


#74
Fluoranthene
Concen: 12.699 ng
RT: 12.63 min Scan# 1792
Delta R.T. 0.01 min
Lab File: BF103343.D
Acq: 1 Mar 2018 18:10

Tgt Ion:202 Resp: 205594

Ion	Ratio	Lower	Upper
202	100		
101	15.6	0.0	34.1
203	17.1	0.0	38.1

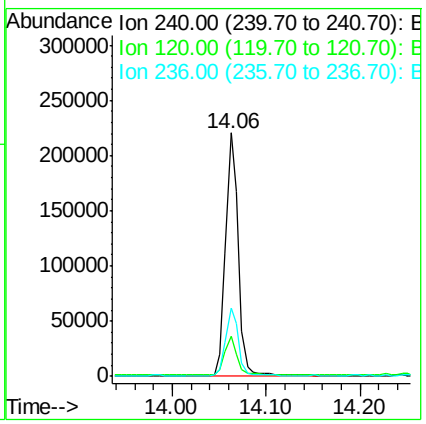




#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. 0.01 min
Lab File: BF103343.D
Acq: 1 Mar 2018 18:10

Tgt Ion:240 Resp: 205644

Ion	Ratio	Lower	Upper
240	100		
120	16.5	9.5	14.3#
236	28.0	20.7	31.1



Instrument :
BNA_F
ClientSampleId :
SP-50

Manual Integrations APPROVED
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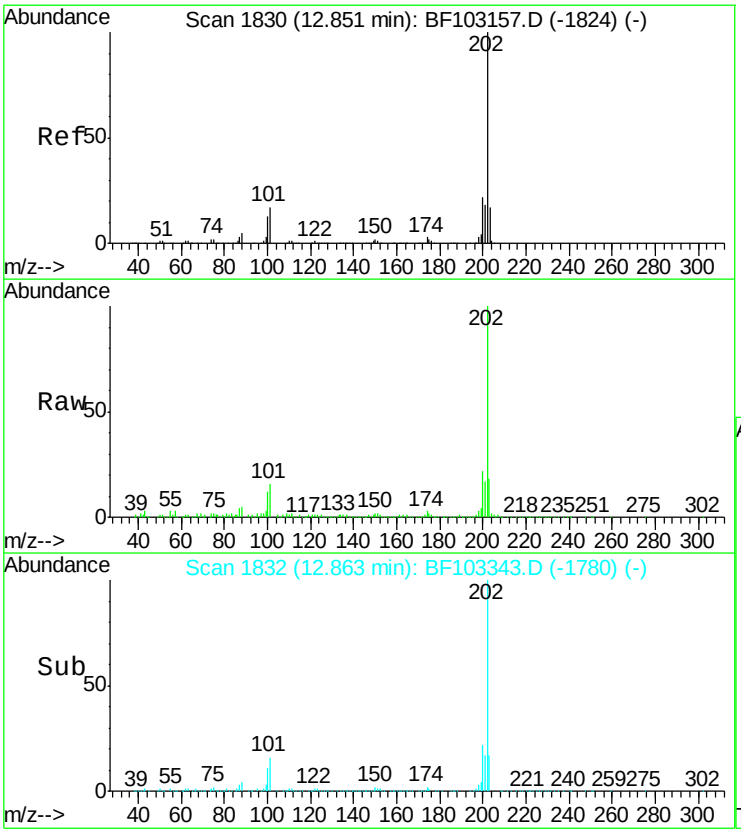
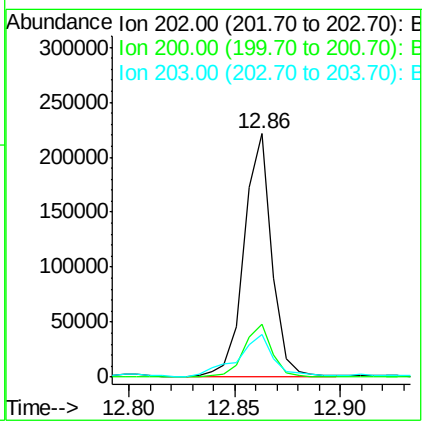
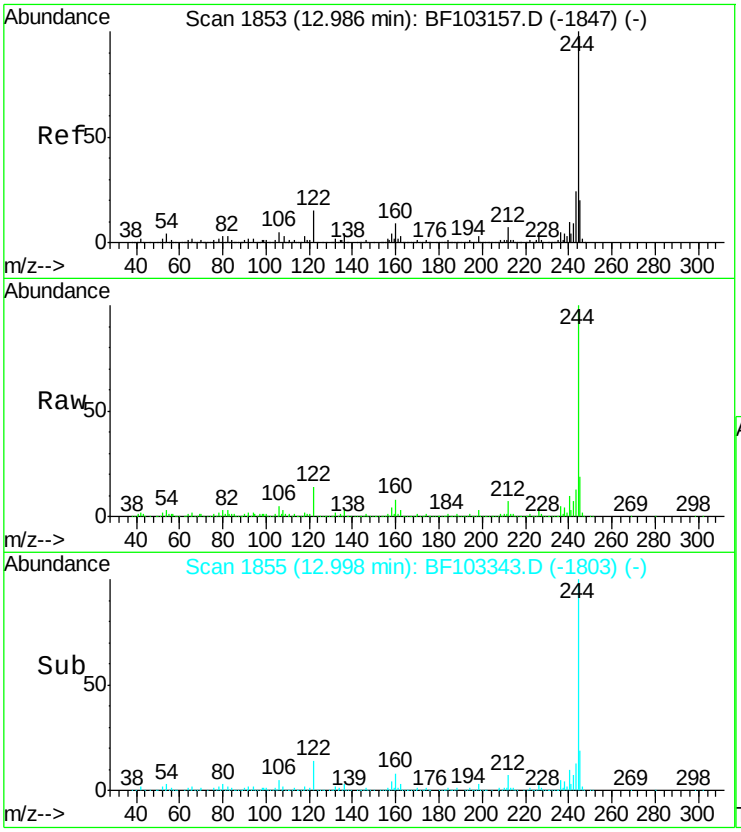


#77
Pyrene
Concen: 12.522 ng
RT: 12.86 min Scan# 1832
Delta R.T. 0.01 min
Lab File: BF103343.D
Acq: 1 Mar 2018 18:10

Tgt Ion:202 Resp: 200773

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.4	26.2
203	17.5	14.3	21.5

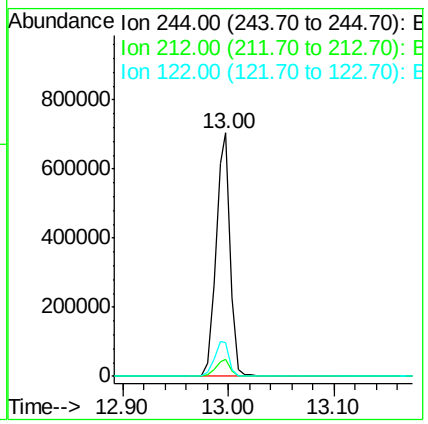




#78
Terphenyl-d14
Concen: 78.489 ng
RT: 13.00 min Scan# 1855
Delta R.T. 0.01 min
Lab File: BF103343.D
Acq: 1 Mar 2018 18:10

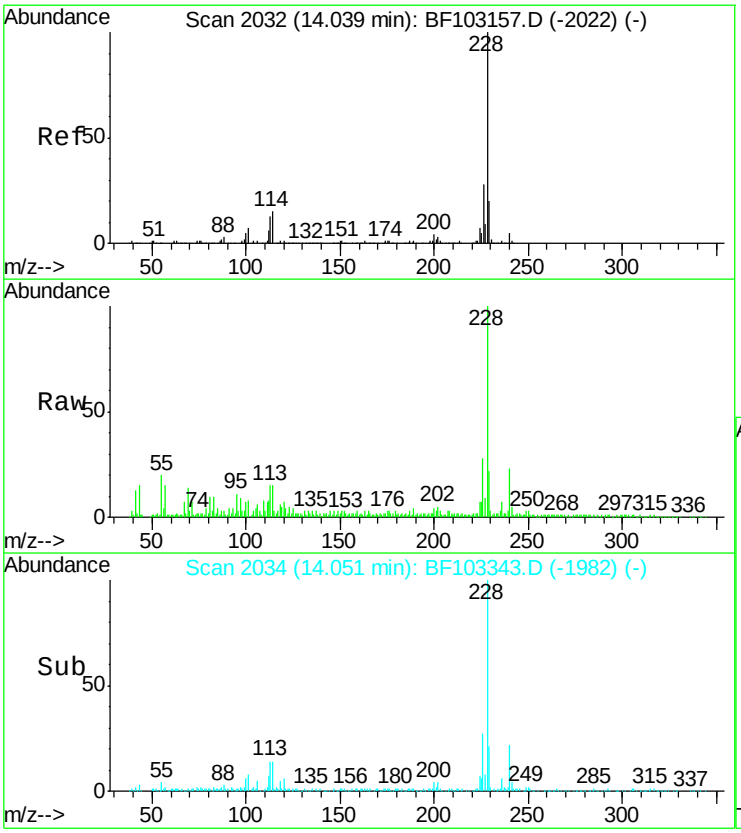
Tgt Ion:244 Resp: 671455

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	13.8	11.0	16.4



Instrument :
BNA_F
ClientSampleId :
SP-50

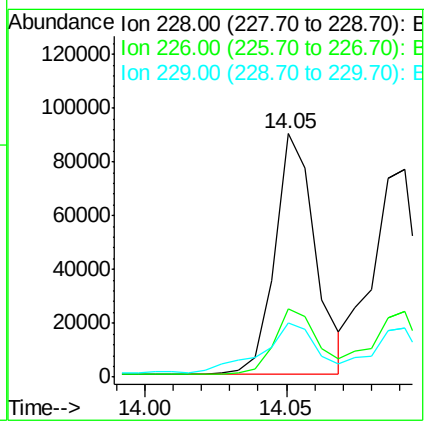
Manual Integrations APPROVED
Sohil
3/2/2018 3:30:50 PM

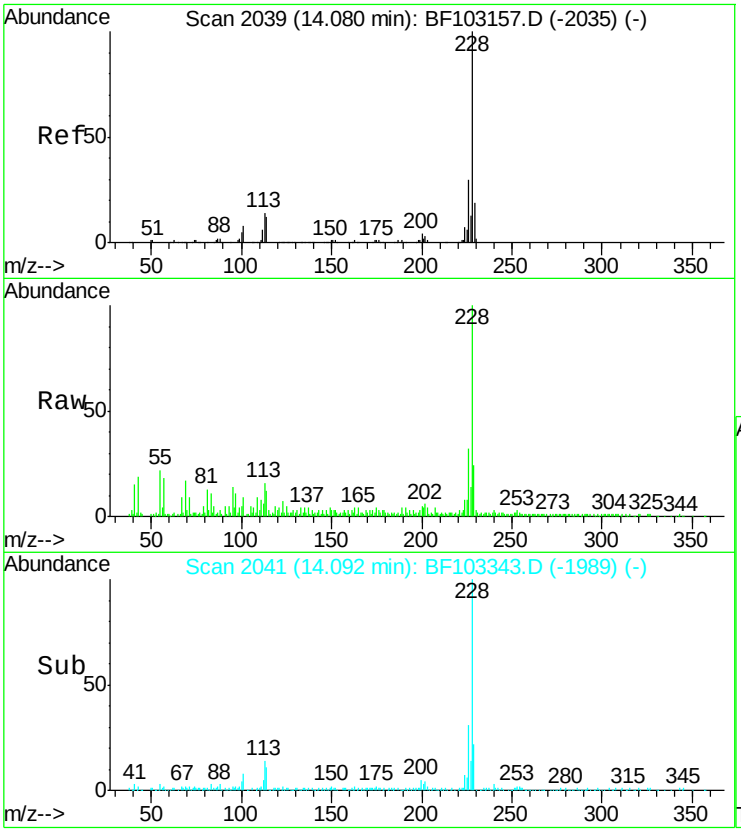


#80
Benzo(a)anthracene
Concen: 6.708 ng
RT: 14.05 min Scan# 2034
Delta R.T. 0.01 min
Lab File: BF103343.D
Acq: 1 Mar 2018 18:10

Tgt Ion:228 Resp: 89510

Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.6	33.8
229	22.4	15.8	23.6

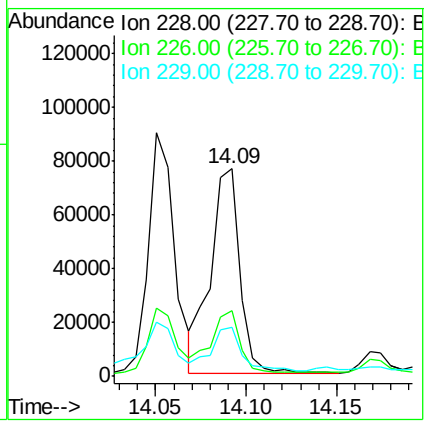




#82
Chrysene
Concen: 6.677 ng
RT: 14.09 min Scan# 2041
Delta R.T. 0.01 min
Lab File: BF103343.D
Acq: 1 Mar 2018 18:10

Tgt Ion:228 Resp: 86500

Ion	Ratio	Lower	Upper
228	100		
226	31.9	25.0	37.6
229	23.6	16.2	24.4



Instrument :
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ClientSampleId :
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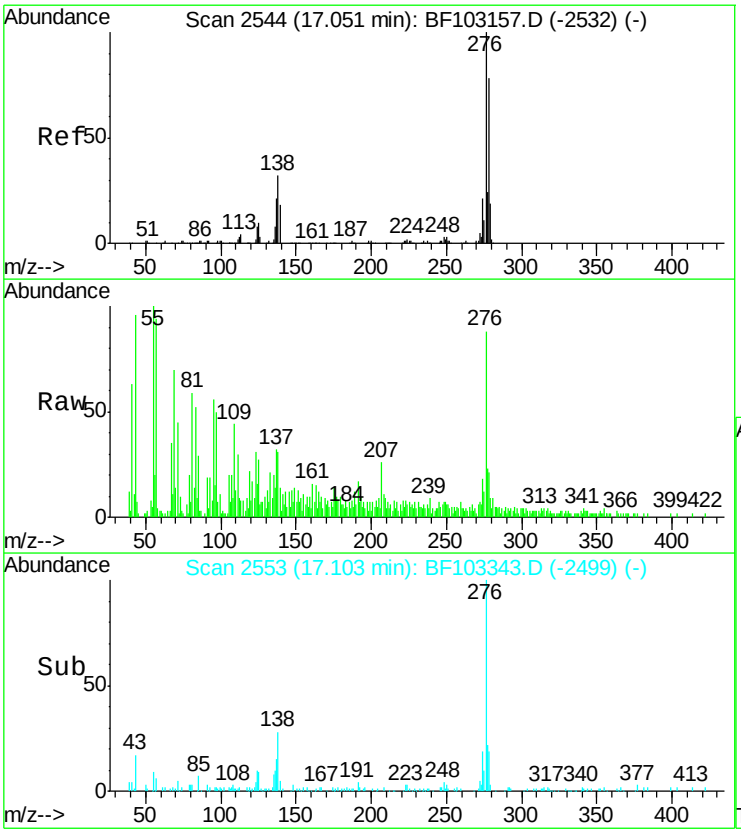
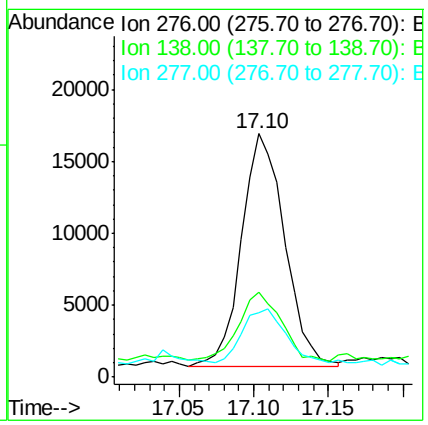
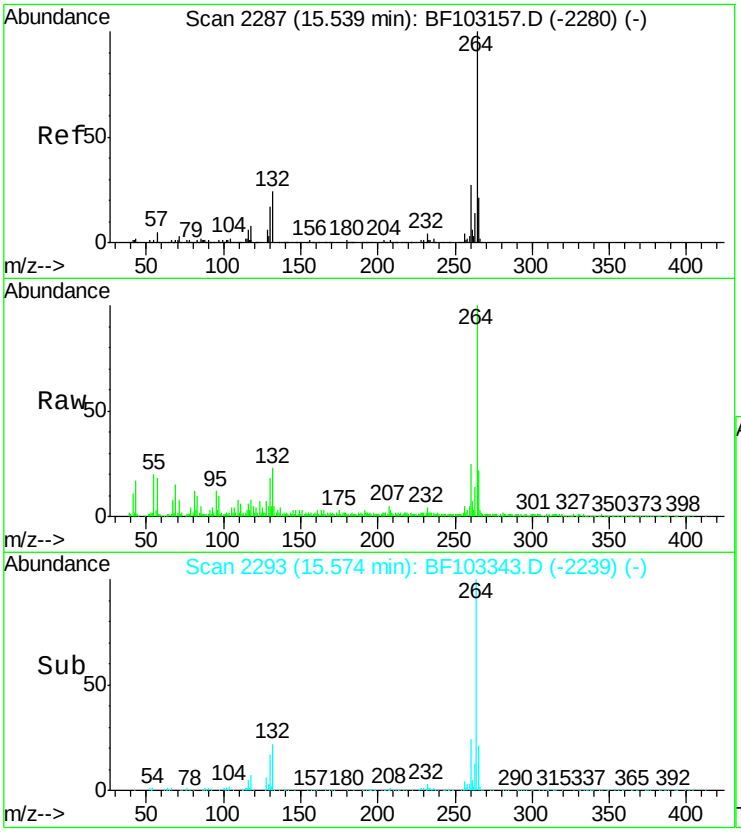


#85
Indeno(1,2,3-cd)pyrene
Concen: 3.138 ng
RT: 17.10 min Scan# 2553
Delta R.T. 0.02 min
Lab File: BF103343.D
Acq: 1 Mar 2018 18:10

Tgt Ion:276 Resp: 32184

Ion	Ratio	Lower	Upper
276	100		
138	29.5	25.0	37.6
277	23.4	20.1	30.1





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2293
Delta R.T. 0.02 min
Lab File: BF103343.D
Acq: 1 Mar 2018 18:10

Tgt Ion:264 Resp: 151599

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.2	28.8
265	22.3	17.5	26.3

Instrument :
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ClientSampleId :
SP-50

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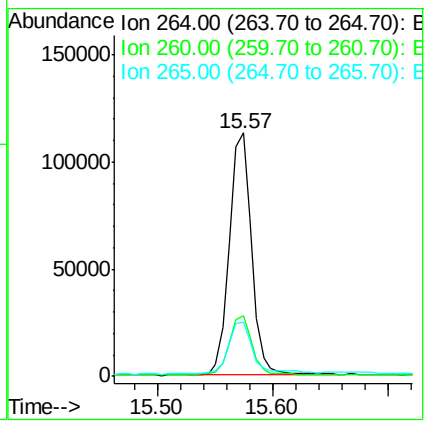
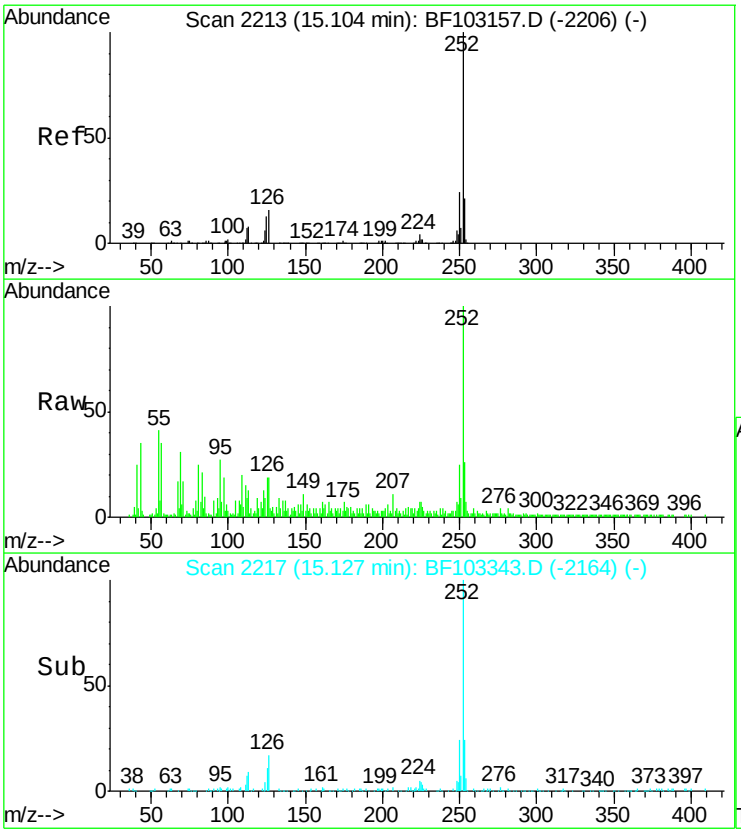
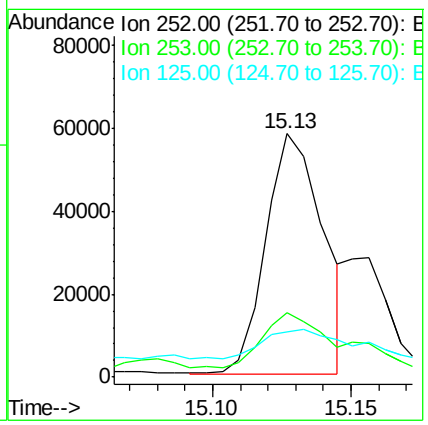


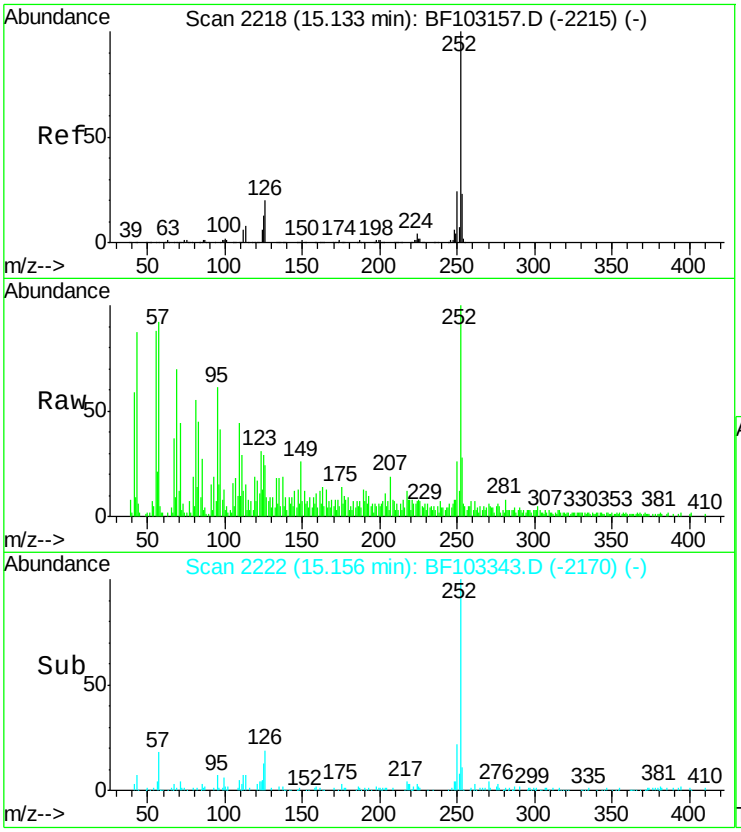


#87
Benzo(b)fluoranthene
Concen: 8.332 ng m
RT: 15.13 min Scan# 2217
Delta R.T. 0.01 min
Lab File: BF103343.D
Acq: 1 Mar 2018 18:10

Tgt Ion:252 Resp: 83047

Ion	Ratio	Lower	Upper
252	100		
253	26.3	17.0	25.6#
125	18.8	9.0	13.6#





#88
Benzo(k)fluoranthene
Concen: 3.305 ng m
RT: 15.16 min Scan# 2222
Delta R.T. 0.01 min
Lab File: BF103343.D
Acq: 1 Mar 2018 18:10

Tgt Ion:252 Resp: 31025

Ion	Ratio	Lower	Upper
252	100		
253	28.2	17.9	26.9#
125	29.2	10.2	15.2#

Instrument :
BNA_F
ClientSampleId :
SP-50

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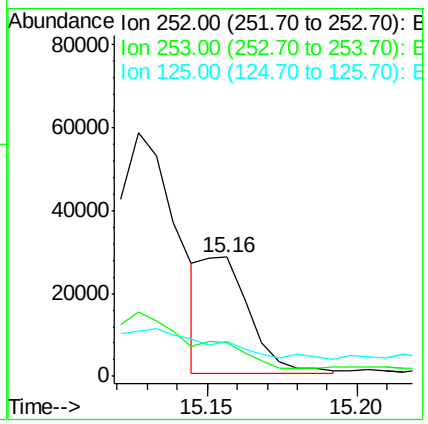
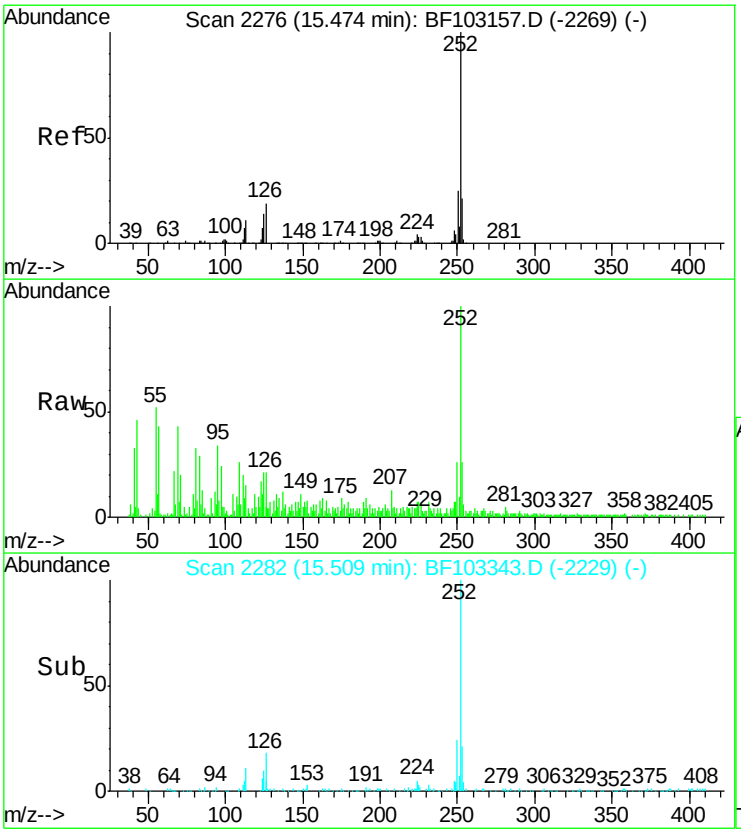
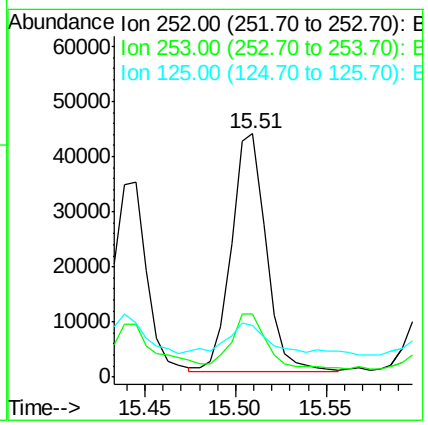


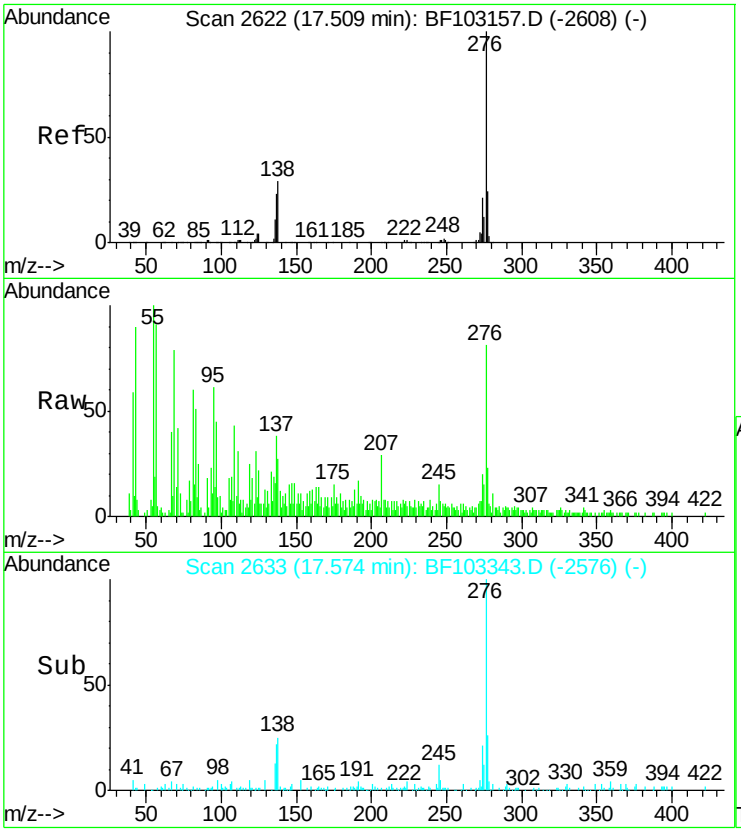


#89
Benzo(a)pyrene
Concen: 6.433 ng
RT: 15.51 min Scan# 2282
Delta R.T. 0.01 min
Lab File: BF103343.D
Acq: 1 Mar 2018 18:10

Tgt Ion:252 Resp: 57258

Ion	Ratio	Lower	Upper
252	100		
253	25.8	17.1	25.7#
125	21.1	9.8	14.6#

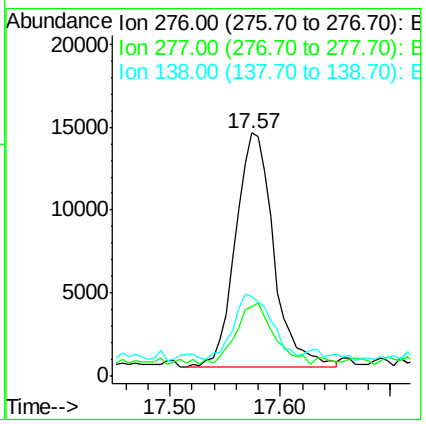




#91
Benzo(g,h,i)perylene
Concen: 5.074 ng
RT: 17.57 min Scan# 2633
Delta R.T. 0.04 min
Lab File: BF103343.D
Acq: 1 Mar 2018 18:10

Tgt Ion:276 Resp: 34108

Ion	Ratio	Lower	Upper
276	100		
277	28.5	17.9	26.9#
138	32.8	21.8	32.8#



Instrument :
BNA_F
ClientSampleId :
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