Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
Data File : BF110536.D
Acq On : 7 Nov 2018 00:49
Operator : JU/SJ
Sample : J5764-15 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-03-110218-H

Manual Integrations APPROVED
Sohil
11/7/2018 2:54:51 PM

Quant Time: Nov 07 13:10:12 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 01 16:06:12 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	77489	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	286299	20.00	ng		0.00
39) Acenaphthene-d10	10.00	164	107434	20.00	ng		0.00
64) Phenanthrene-d10	11.49	188	189969	20.00	ng		0.00
76) Chrysene-d12	14.14	240	128763	20.00	ng		0.00
87) Perylene-d12	15.67	264	97019	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	77238	16.23	ng		0.00
7) Phenol-d6	6.57	99	100839	16.57	ng		0.00
23) Nitrobenzene-d5	7.52	82	53023	10.98	ng		0.00
42) 2,4,6-Tribromophenol	10.79	330	16003	15.04	ng		0.00
45) 2-Fluorobiphenyl	9.31	172	108299	15.83	ng		0.00
79) Terphenyl-d14	13.07	244	95550	15.43	ng		0.00
Target Compounds							Qvalue
50) Dimethylphthalate	9.70	163	16179	2.040	ng	#	98
71) Phenanthrene	11.52	178	57352	5.770	ng		99
75) Fluoranthene	12.71	202	81847	8.113	ng		95
78) Pyrene	12.95	202	74141	8.032	ng		98
81) Benzo(a)anthracene	14.13	228	31962	4.186	ng	#	92
83) Chrysene	14.17	228	29092	4.011	ng	#	93
84) Bis(2-ethylhexyl)phthalate	14.09	149	25874	4.777	ng	#	90
88) Benzo(b)fluoranthene	15.22	252	29094m	5.193	ng		
90) Benzo(a)pyrene	15.60	252	20630	4.002	ng	#	75
92) Benzo(g,h,i)perylene	17.73	276	12284	2.802	ng	#	85

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
Data File : BF110536.D
Acq On : 7 Nov 2018 00:49
Operator : JU/SJ
Sample : J5764-15 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Nov 07 13:10:12 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 01 16:06:12 2018
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
JC-03-110218-H

Manual Integrations APPROVED
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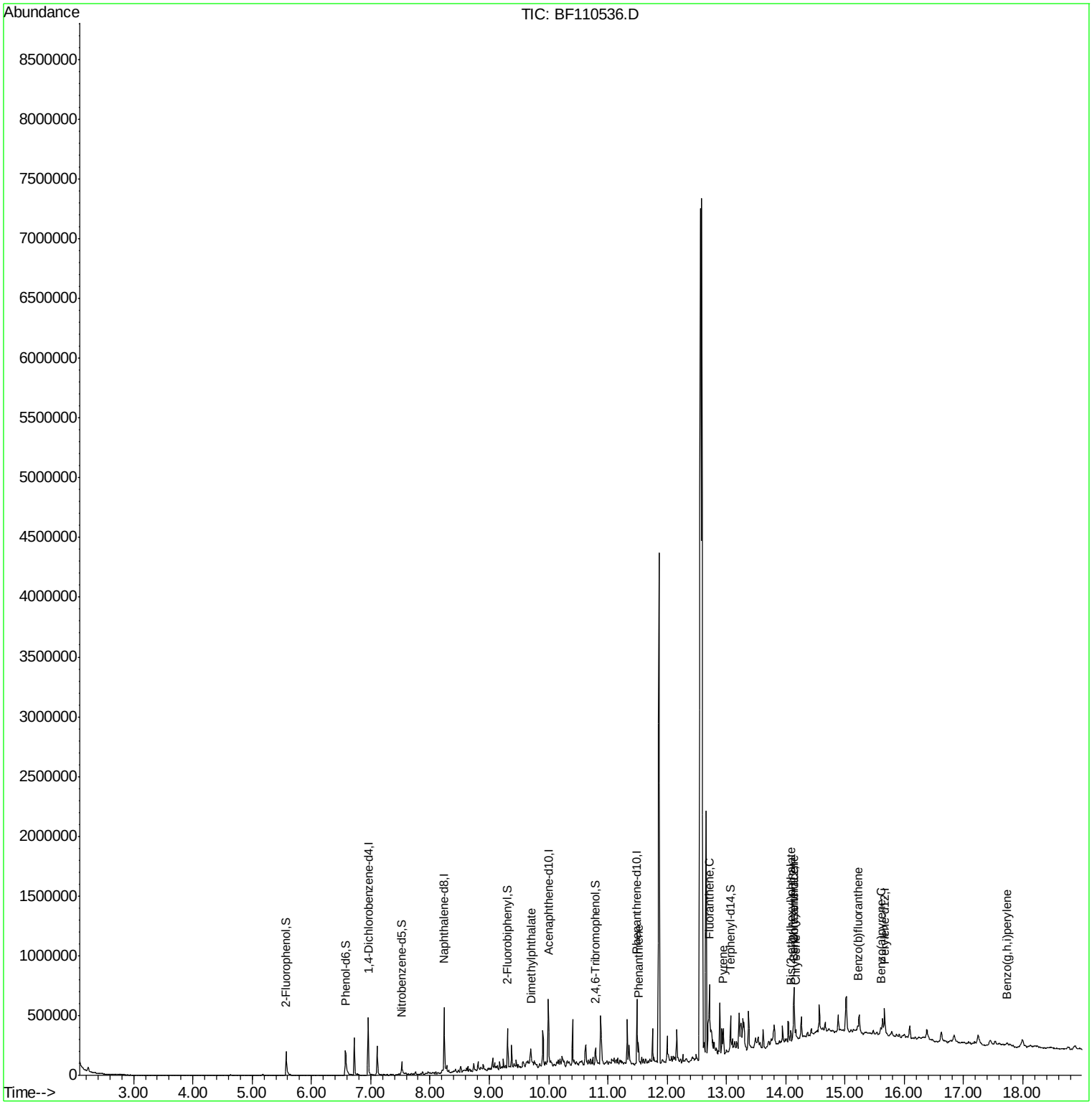
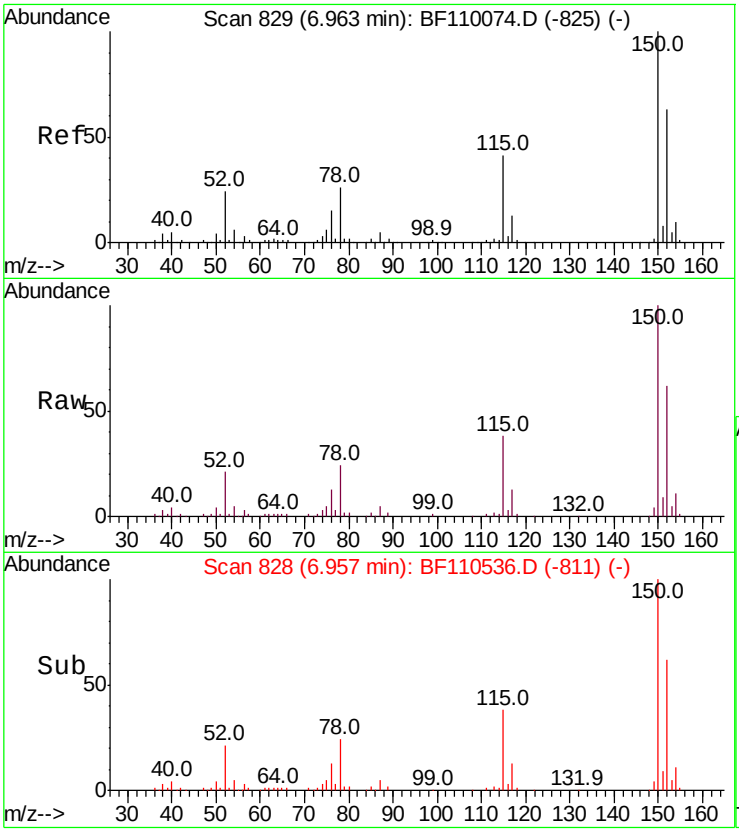
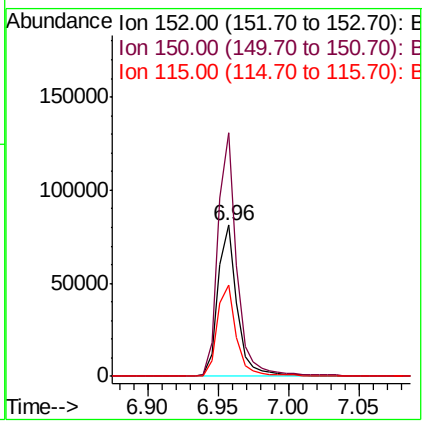




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF110536.D
Acq: 7 Nov 2018 00:49

Tgt Ion:152 Resp: 77489

Ion	Ratio	Lower	Upper
152	100		
150	161.2	122.7	184.1
115	60.7	49.1	73.7



Instrument :
BNA_F
ClientSampleId :
JC-03-110218-H

Manual Integrations APPROVED
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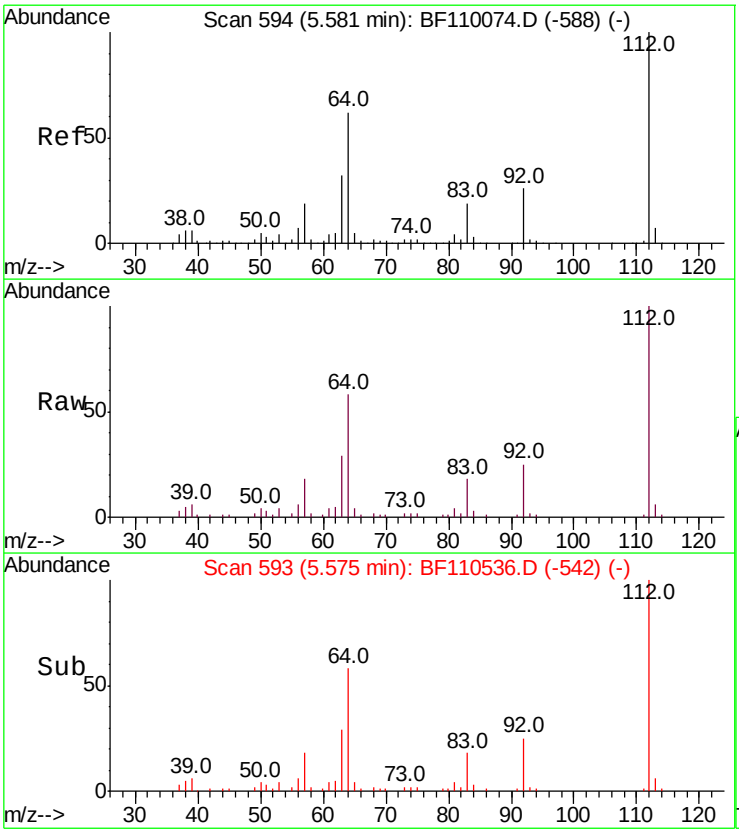
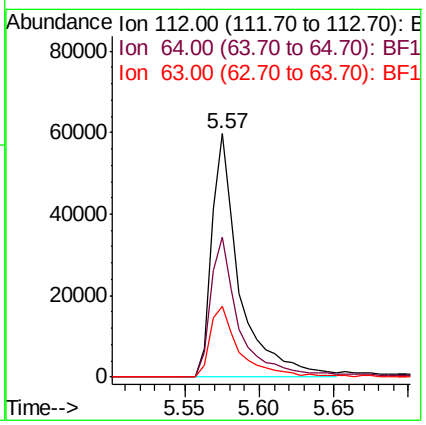
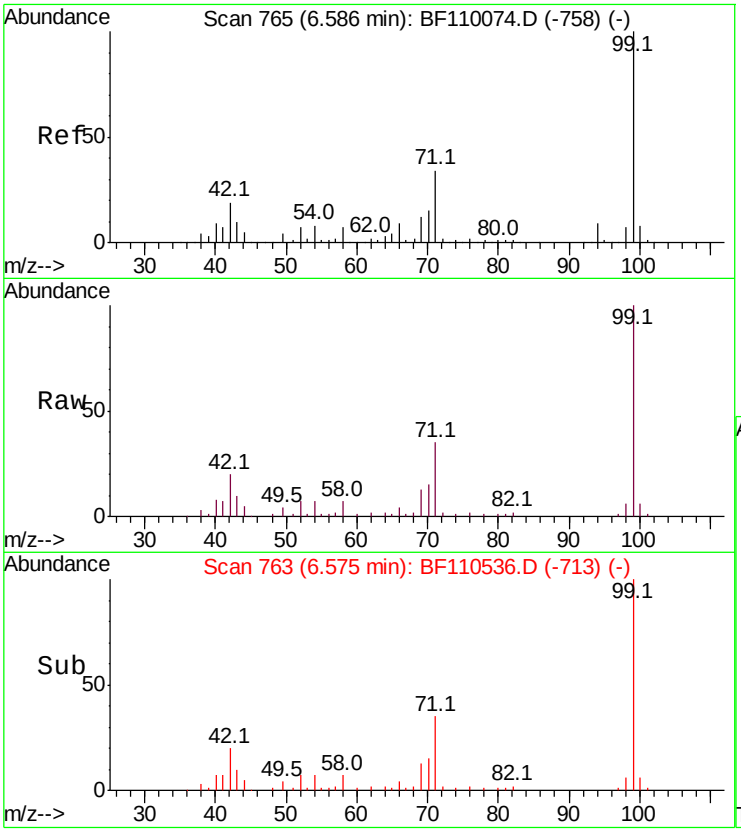


#5
2-Fluorophenol
Concen: 16.232 ng
RT: 5.57 min Scan# 593
Delta R.T. 0.00 min
Lab File: BF110536.D
Acq: 7 Nov 2018 00:49

Tgt Ion:112 Resp: 77238

Ion	Ratio	Lower	Upper
112	100		
64	57.5	44.1	66.1
63	29.0	23.7	35.5

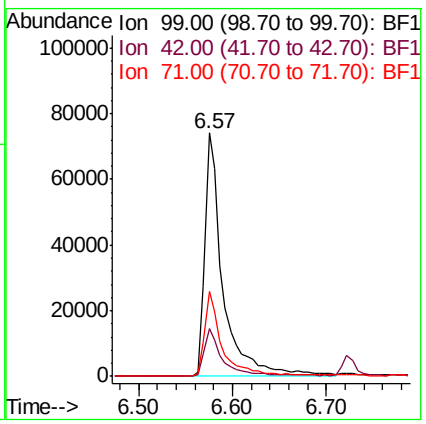




#7
Phenol-d6
Concen: 16.568 ng
RT: 6.57 min Scan# 763
Delta R.T. -0.01 min
Lab File: BF110536.D
Acq: 7 Nov 2018 00:49

Tgt Ion: 99 Resp: 100839

Ion	Ratio	Lower	Upper
99	100		
42	19.7	15.8	23.6
71	34.8	28.0	42.0



Instrument :
BNA_F
ClientSampleId :
JC-03-110218-H

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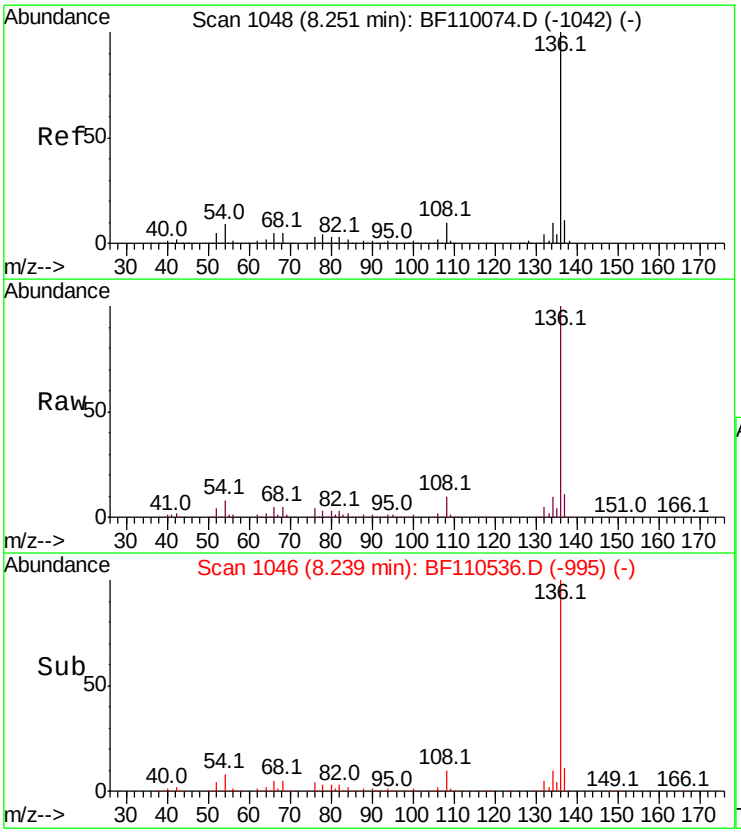
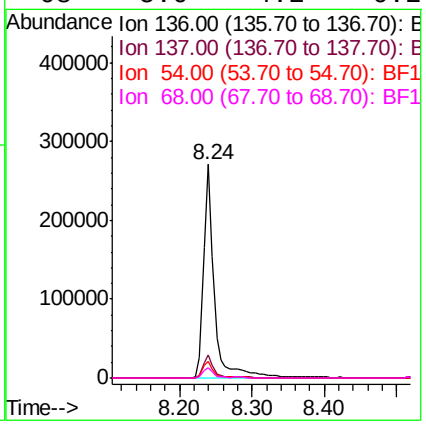
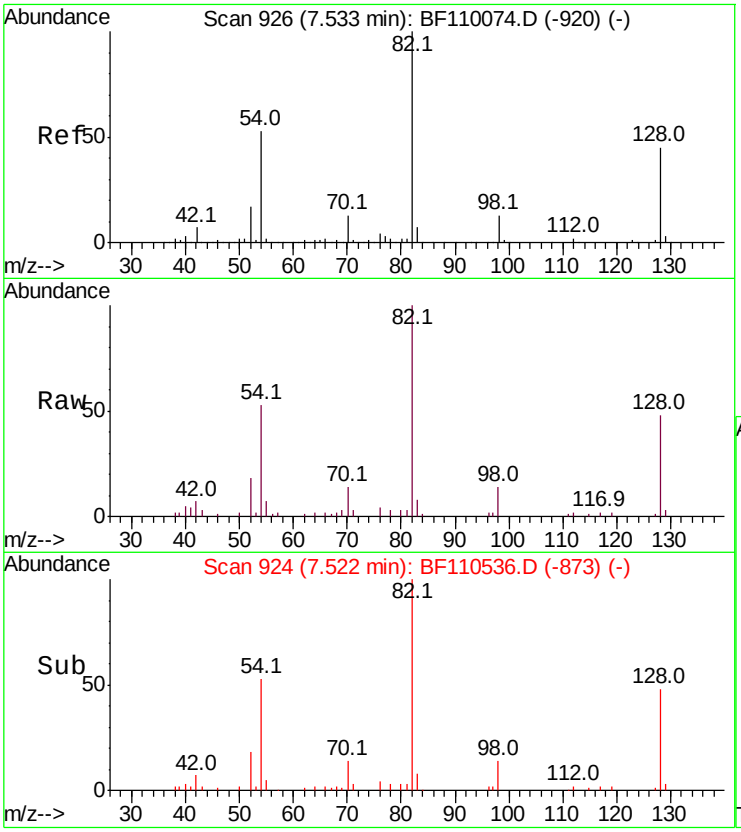


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF110536.D
Acq: 7 Nov 2018 00:49

Tgt Ion:136 Resp: 286299

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	8.1	5.4	8.2
68	5.0	4.2	6.2

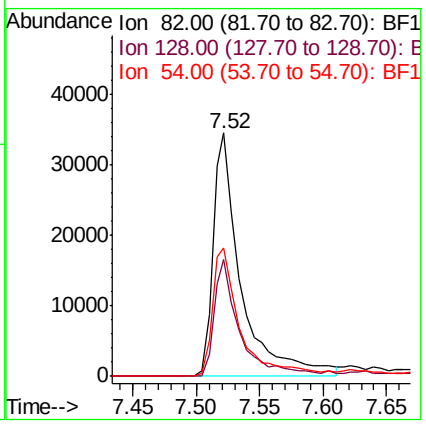




#23
Nitrobenzene-d5
Concen: 10.985 ng
RT: 7.52 min Scan# 924
Delta R.T. 0.00 min
Lab File: BF110536.D
Acq: 7 Nov 2018 00:49

Tgt Ion: 82 Resp: 53023

Ion	Ratio	Lower	Upper
82	100		
128	48.3	34.2	51.2
54	52.7	38.6	58.0



Instrument :
BNA_F
ClientSampleId :
JC-03-110218-H

Manual Integrations APPROVED
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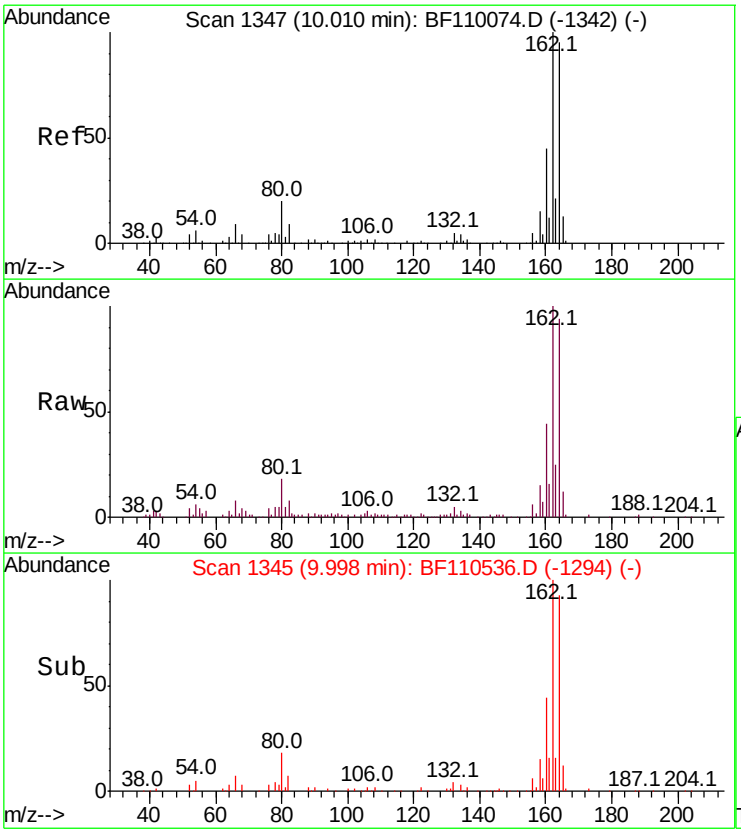
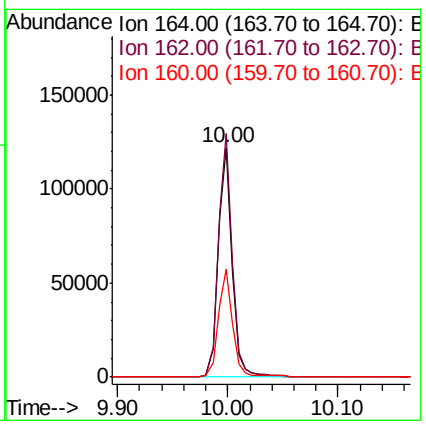
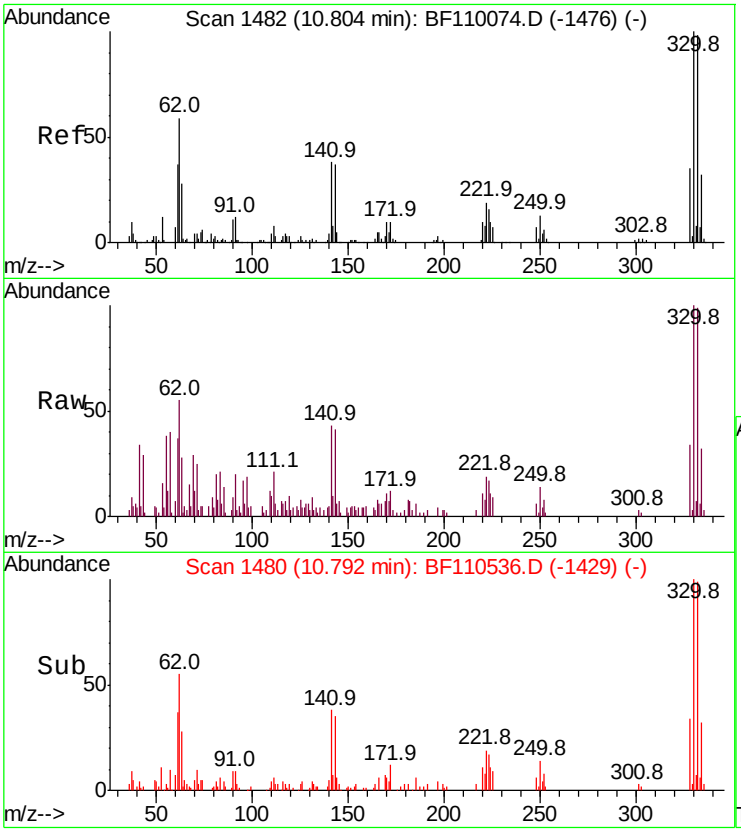


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BF110536.D
Acq: 7 Nov 2018 00:49

Tgt Ion:164 Resp: 107434

Ion	Ratio	Lower	Upper
164	100		
162	106.1	83.0	124.6
160	46.8	37.0	55.6

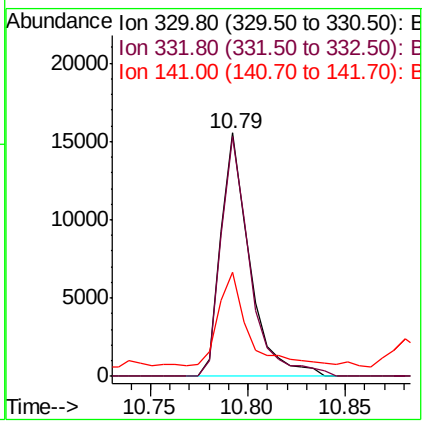




#42
2,4,6-Tribromophenol
Concen: 15.038 ng
RT: 10.79 min Scan# 1480
Delta R.T. 0.00 min
Lab File: BF110536.D
Acq: 7 Nov 2018 00:49

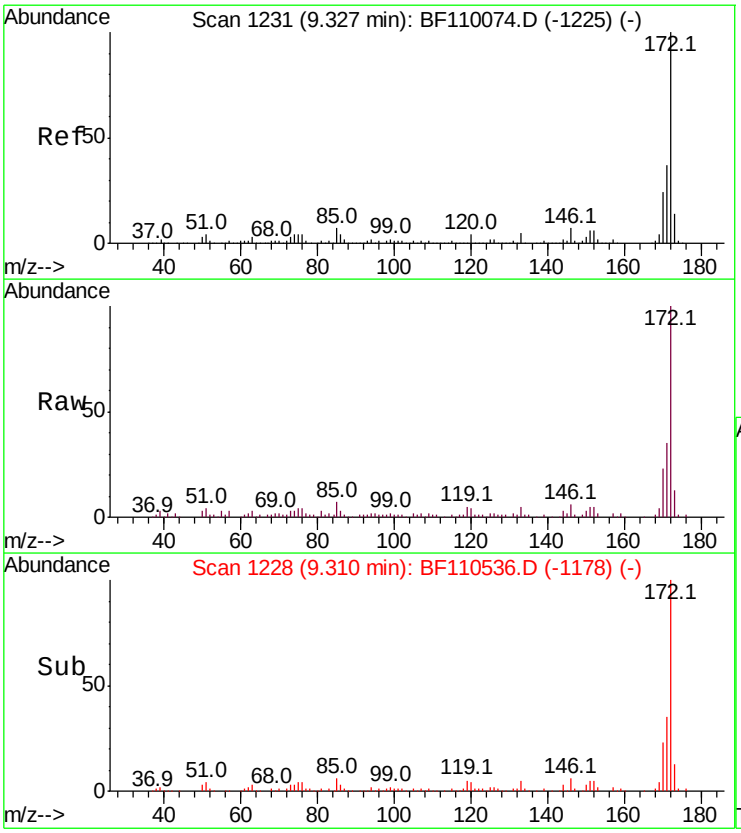
Tgt Ion:330 Resp: 16003

Ion	Ratio	Lower	Upper
330	100		
332	99.1	77.1	115.7
141	40.1	27.0	40.4



Instrument :
BNA_F
ClientSampleId :
JC-03-110218-H

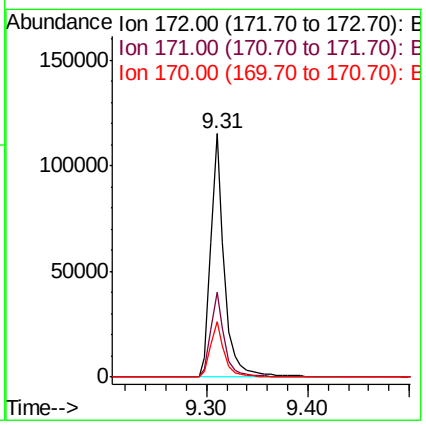
Manual Integrations APPROVED
Sohil
11/7/2018 2:54:51 PM

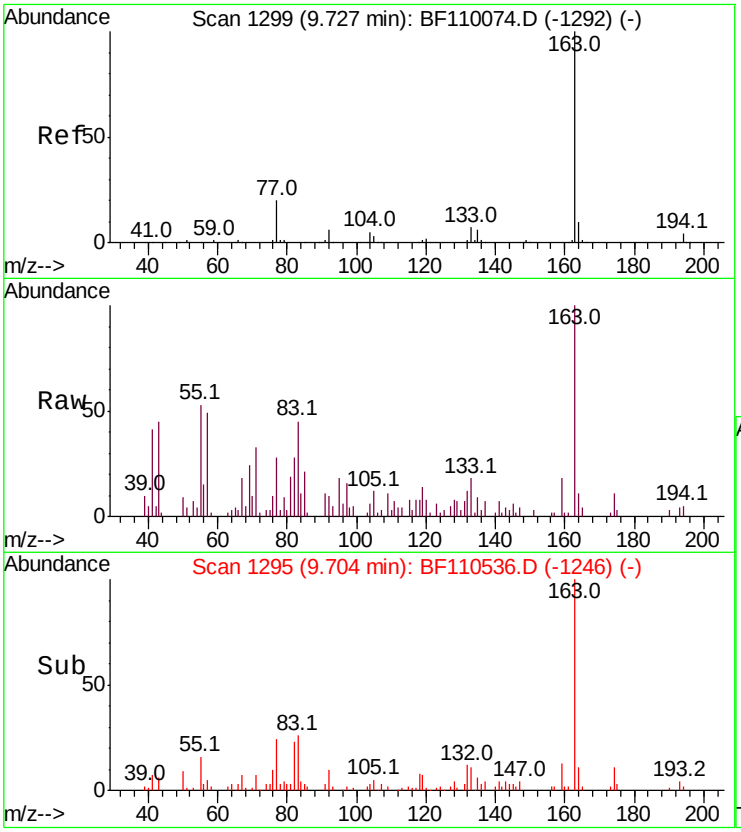


#45
2-Fluorobiphenyl
Concen: 15.829 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF110536.D
Acq: 7 Nov 2018 00:49

Tgt Ion:172 Resp: 108299

Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.6	43.0
170	22.8	19.7	29.5

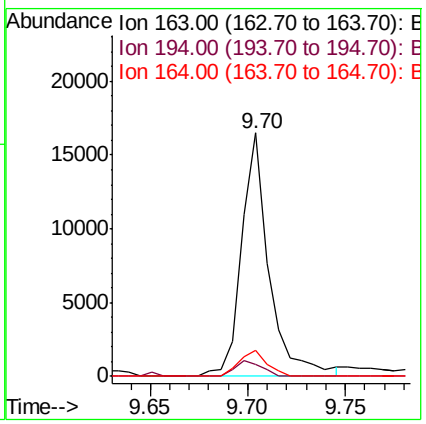




#50
Dimethylphthalate
Concen: 2.040 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF110536.D
Acq: 7 Nov 2018 00:49

Tgt Ion:163 Resp: 16179

Ion	Ratio	Lower	Upper
163	100		
194	4.9	3.2	4.8#
164	10.6	8.1	12.1



Instrument :
BNA_F
ClientSampleId :
JC-03-110218-H

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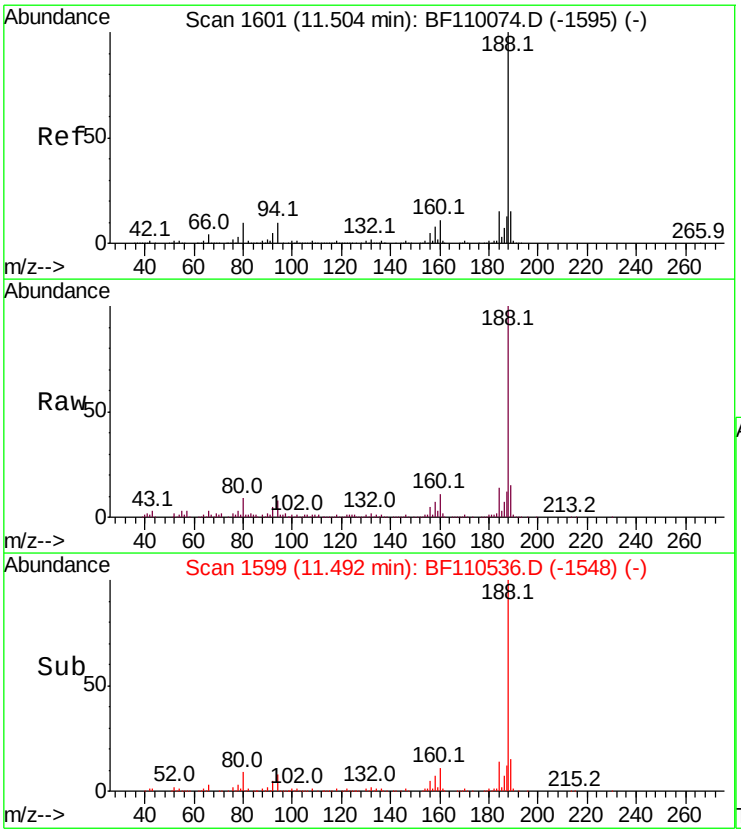
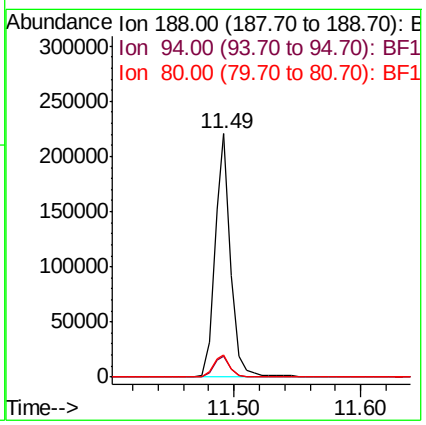
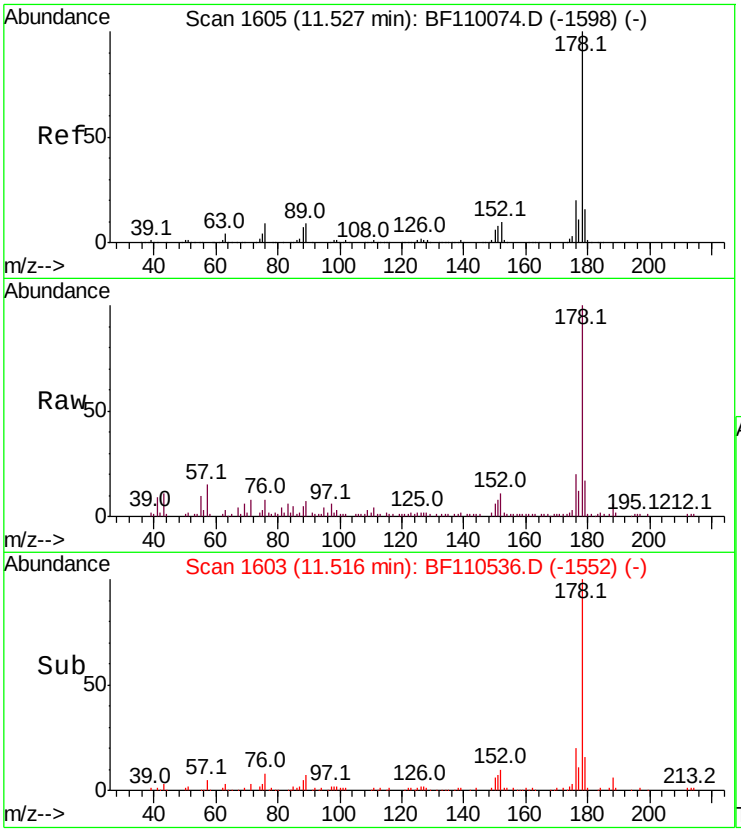


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: BF110536.D
Acq: 7 Nov 2018 00:49

Tgt Ion:188 Resp: 189969

Ion	Ratio	Lower	Upper
188	100		
94	8.4	7.2	10.8
80	9.0	7.9	11.9

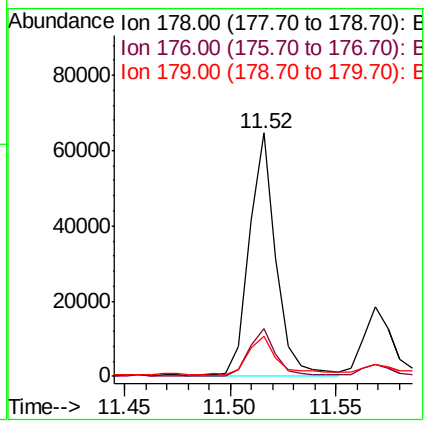




#71
Phenanthrene
Concen: 5.770 ng
RT: 11.52 min Scan# 1603
Delta R.T. 0.00 min
Lab File: BF110536.D
Acq: 7 Nov 2018 00:49

Tgt Ion:178 Resp: 57352

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.5	23.3
179	16.7	12.5	18.7



Instrument :
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ClientSampleId :
JC-03-110218-H

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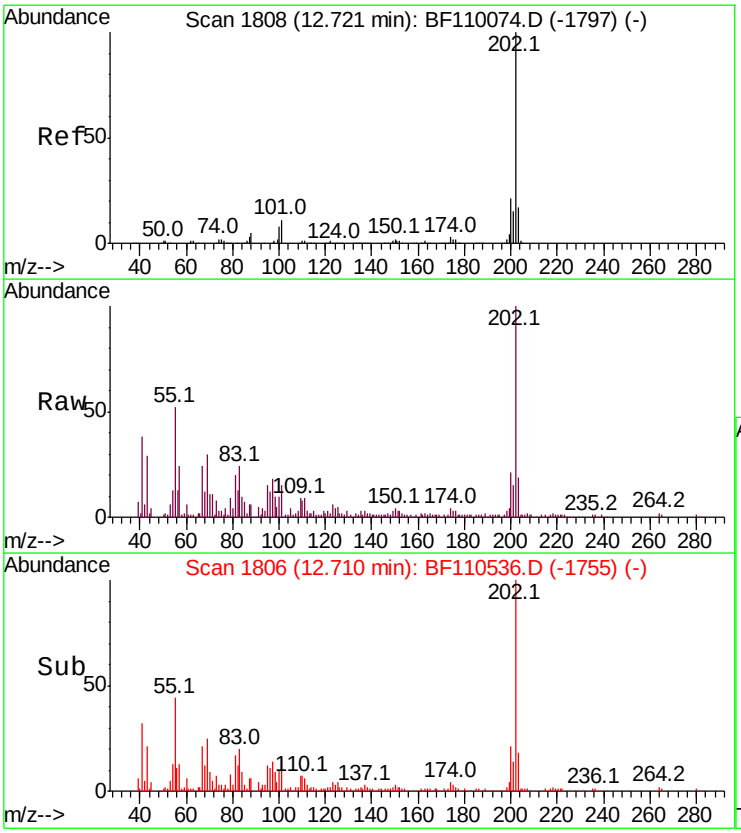
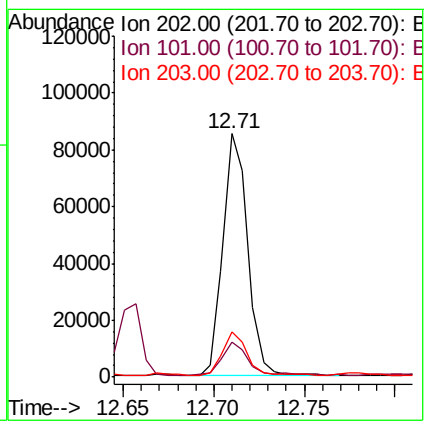
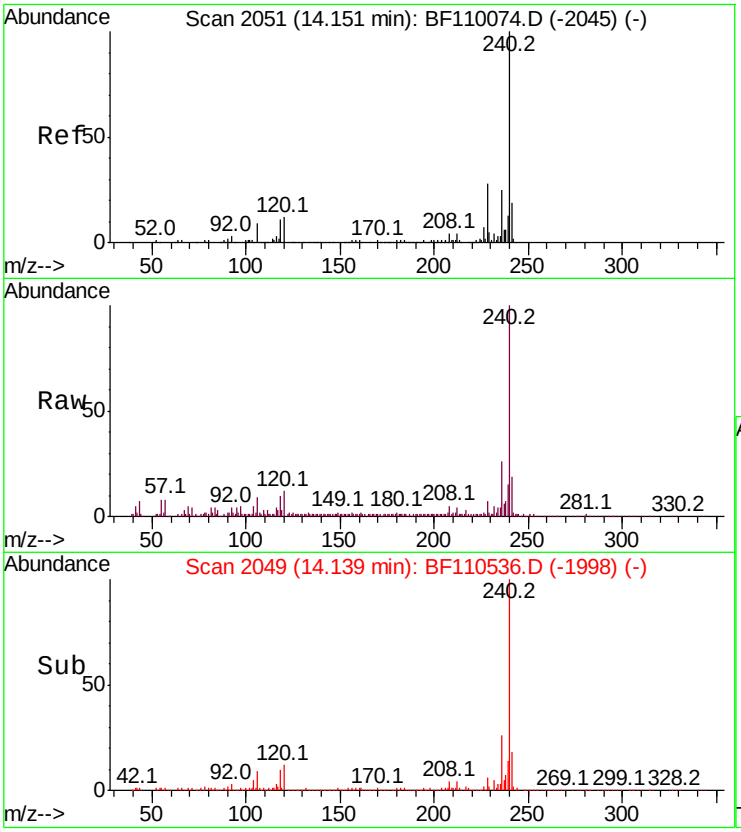


#75
Fluoranthene
Concen: 8.113 ng
RT: 12.71 min Scan# 1806
Delta R.T. 0.00 min
Lab File: BF110536.D
Acq: 7 Nov 2018 00:49

Tgt Ion:202 Resp: 81847

Ion	Ratio	Lower	Upper
202	100		
101	14.6	0.0	31.4
203	18.6	0.0	37.7

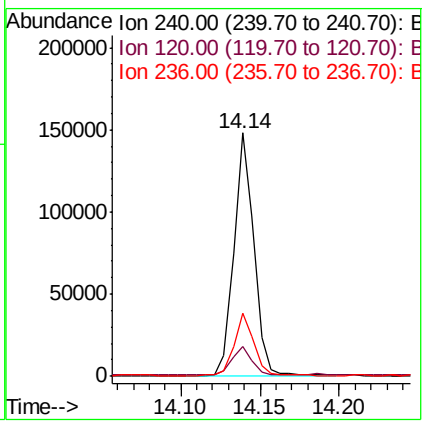




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2049
Delta R.T. 0.00 min
Lab File: BF110536.D
Acq: 7 Nov 2018 00:49

Tgt Ion:240 Resp: 128763

Ion	Ratio	Lower	Upper
240	100		
120	12.2	8.3	12.5
236	25.7	21.2	31.8



Instrument :
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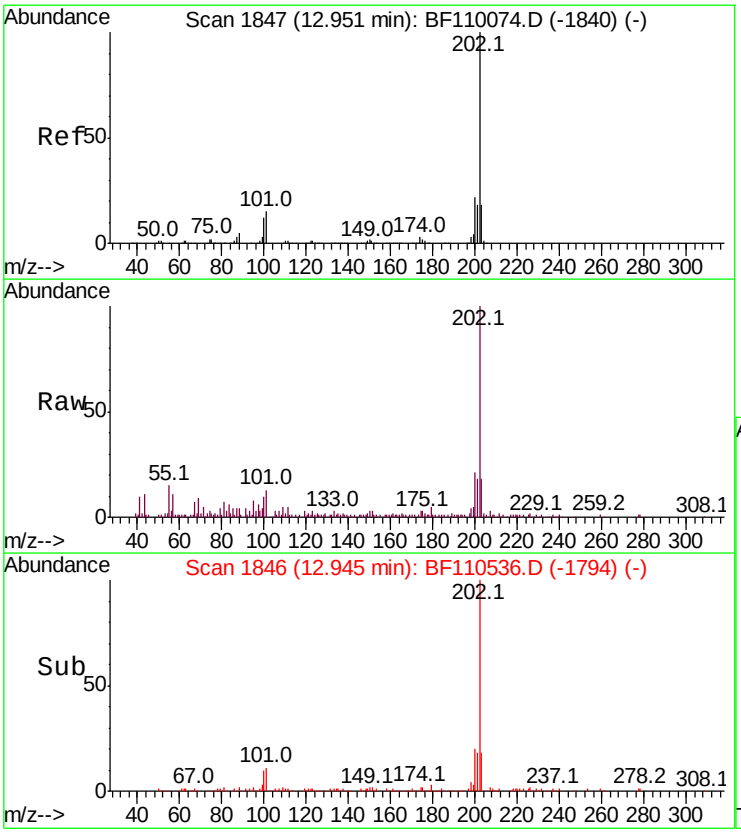
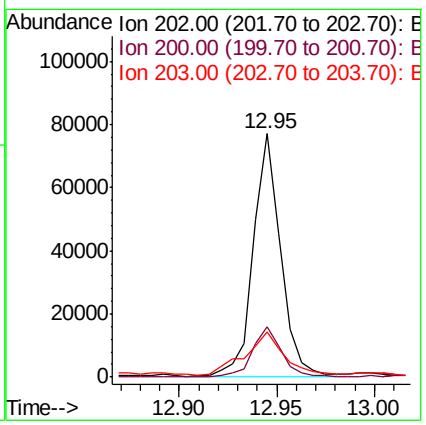
11/7/2018 2:54:51 PM

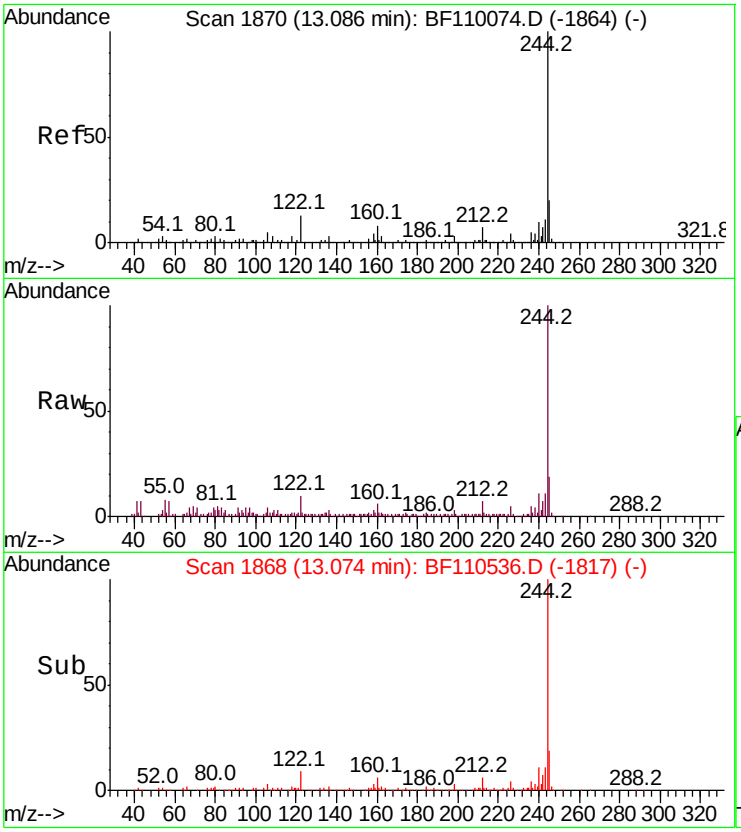


#78
Pyrene
Concen: 8.032 ng
RT: 12.95 min Scan# 1846
Delta R.T. 0.01 min
Lab File: BF110536.D
Acq: 7 Nov 2018 00:49

Tgt Ion:202 Resp: 74141

Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.8	26.6
203	18.4	14.2	21.4

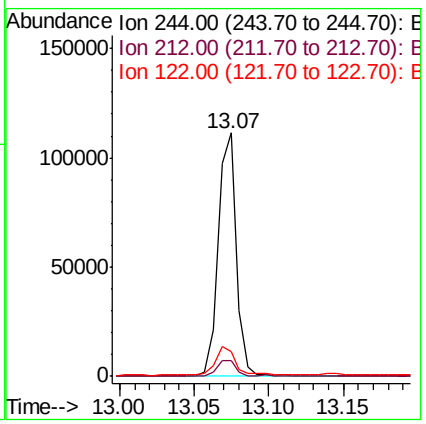




#79
Terphenyl-d14
Concen: 15.433 ng
RT: 13.07 min Scan# 1868
Delta R.T. 0.00 min
Lab File: BF110536.D
Acq: 7 Nov 2018 00:49

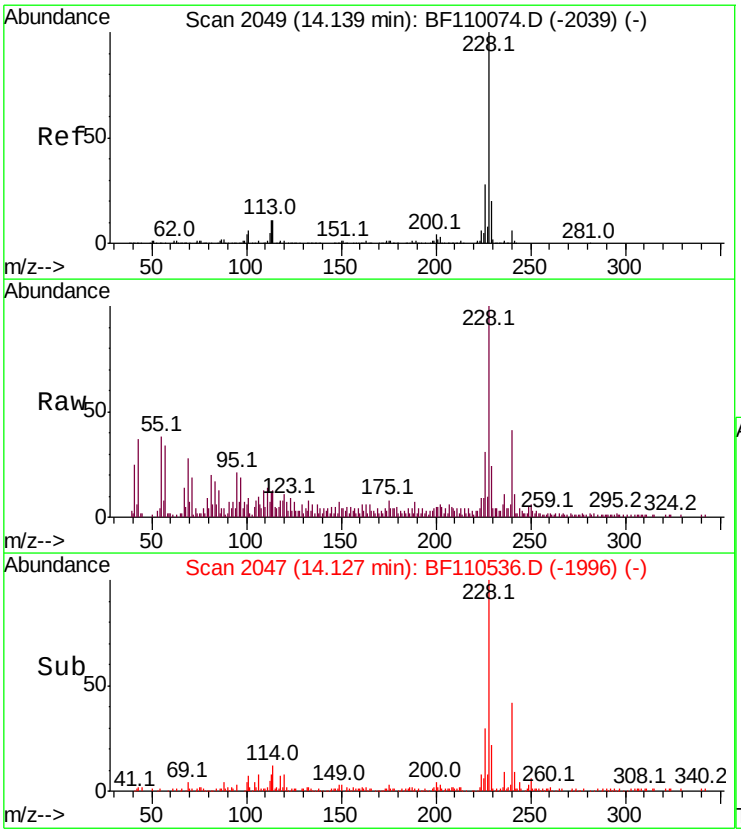
Tgt Ion:244 Resp: 95550

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.8	8.8
122	10.0	8.7	13.1



Instrument :
BNA_F
ClientSampleId :
JC-03-110218-H

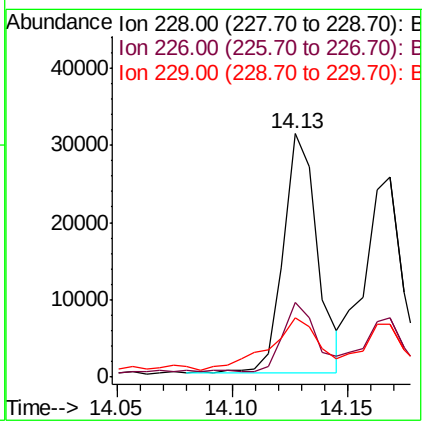
Manual Integrations APPROVED
Sohil
11/7/2018 2:54:51 PM

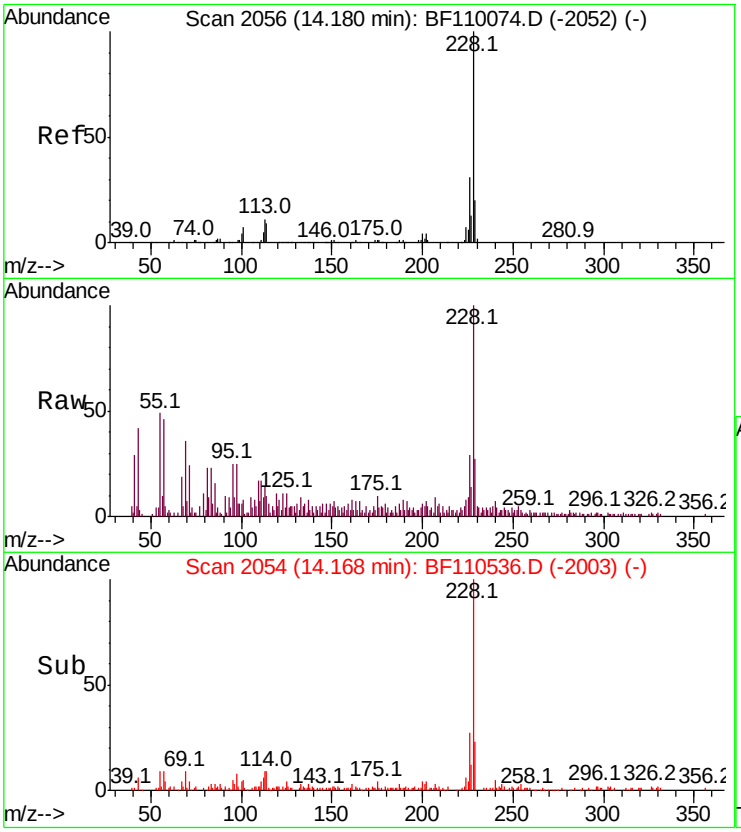


#81
Benzo(a)anthracene
Concen: 4.186 ng
RT: 14.13 min Scan# 2047
Delta R.T. 0.00 min
Lab File: BF110536.D
Acq: 7 Nov 2018 00:49

Tgt Ion:228 Resp: 31962

Ion	Ratio	Lower	Upper
228	100		
226	30.6	22.1	33.1
229	24.2	15.6	23.4#





#83
Chrysene
Concen: 4.011 ng
RT: 14.17 min Scan# 2054
Delta R.T. 0.00 min
Lab File: BF110536.D
Acq: 7 Nov 2018 00:49

Tgt Ion:228 Resp: 29092

Ion	Ratio	Lower	Upper
228	100		
226	29.4	24.7	37.1
229	26.6	15.9	23.9#

Instrument :
BNA_F
ClientSampleId :
JC-03-110218-H

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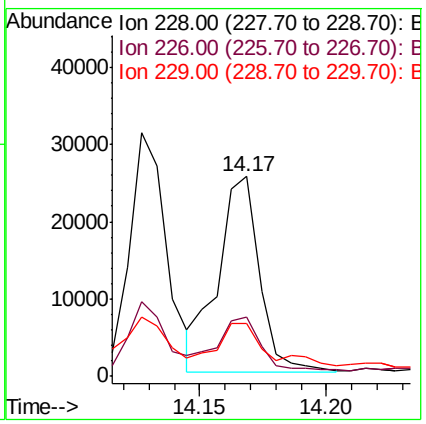
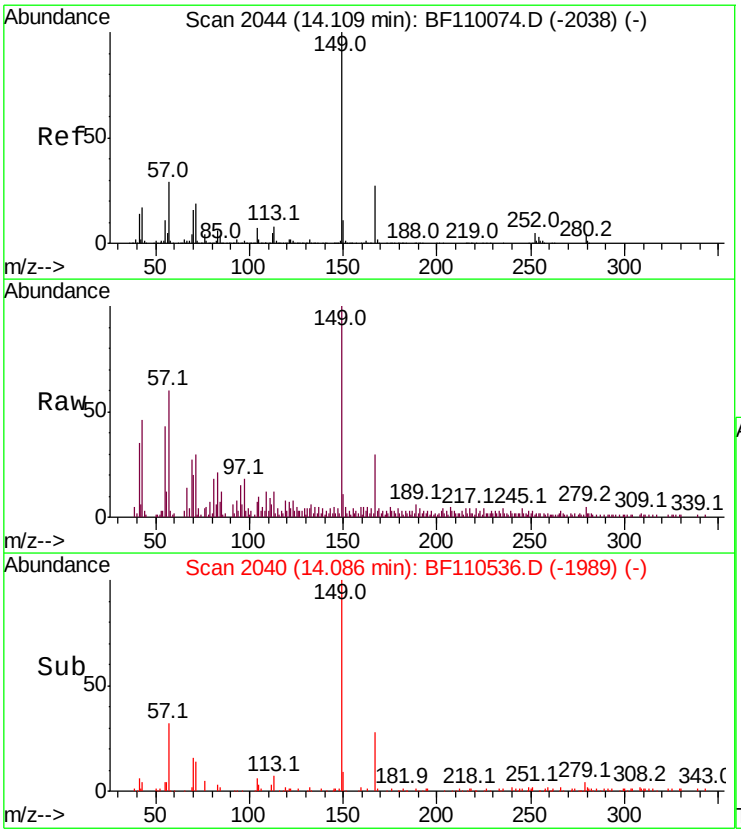
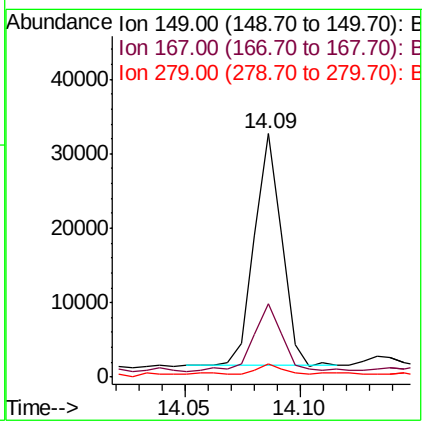


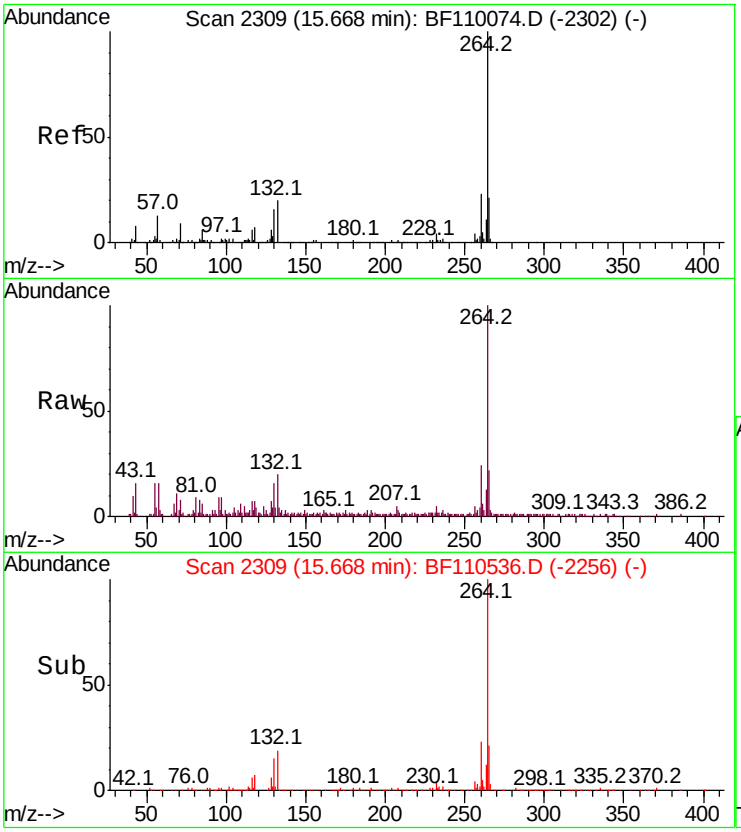


#84
Bis(2-ethylhexyl)phthalate
Concen: 4.777 ng
RT: 14.09 min Scan# 2040
Delta R.T. 0.00 min
Lab File: BF110536.D
Acq: 7 Nov 2018 00:49

Tgt Ion:149 Resp: 25874

Ion	Ratio	Lower	Upper
149	100		
167	30.3	19.8	29.8#
279	5.2	2.7	4.1#

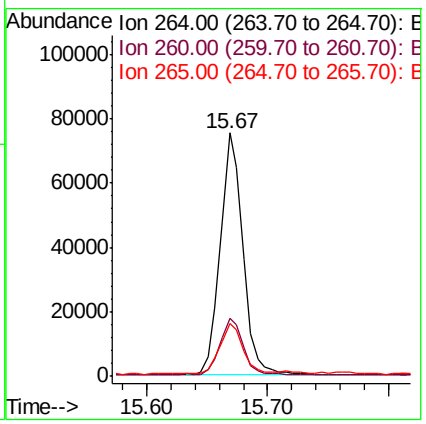




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2309
Delta R.T. 0.01 min
Lab File: BF110536.D
Acq: 7 Nov 2018 00:49

Tgt Ion:264 Resp: 97019

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.7	28.1
265	21.9	16.7	25.1



Instrument :
BNA_F
ClientSampleId :
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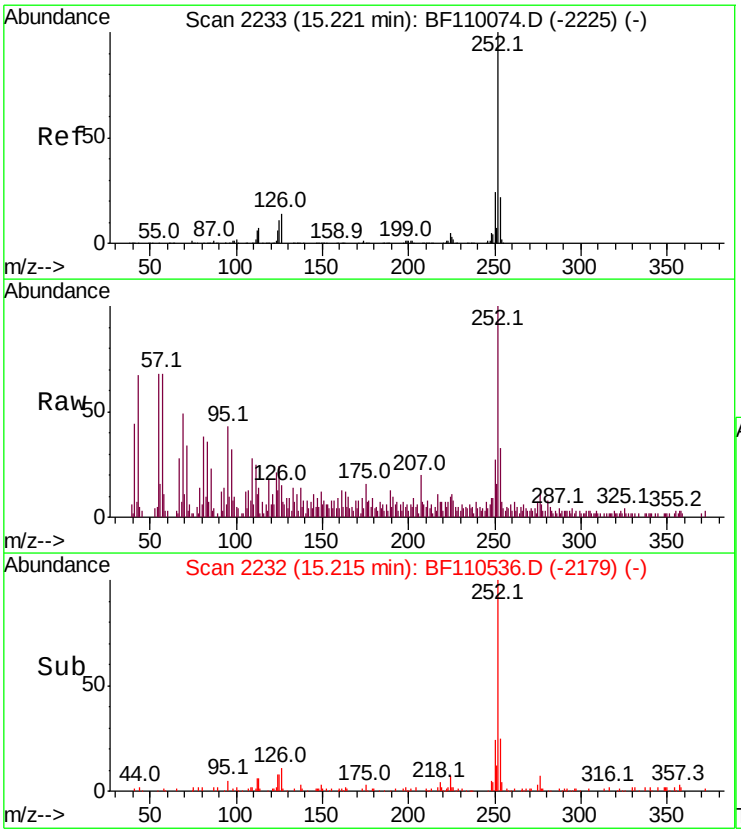
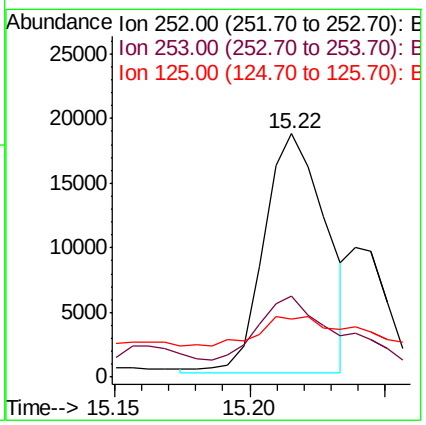
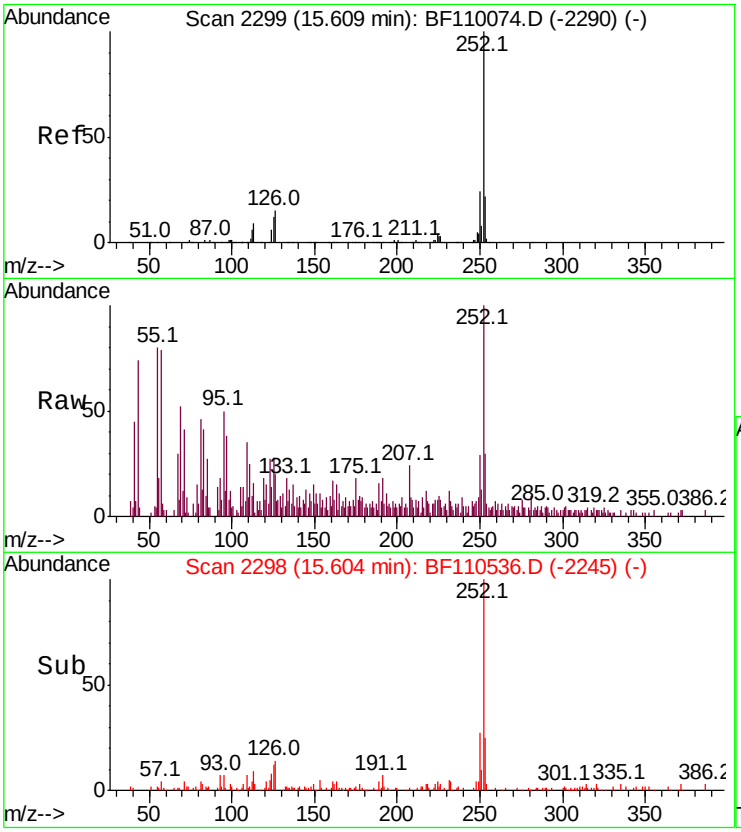


#88
Benzo(b)fluoranthene
Concen: 5.193 ng m
RT: 15.22 min Scan# 2232
Delta R.T. 0.01 min
Lab File: BF110536.D
Acq: 7 Nov 2018 00:49

Tgt Ion:252 Resp: 29094

Ion	Ratio	Lower	Upper
252	100		
253	33.4	17.2	25.8#
125	23.9	8.2	12.4#





#90
Benzo(a)pyrene
Concen: 4.002 ng
RT: 15.60 min Scan# 2298
Delta R.T. 0.01 min
Lab File: BF110536.D
Acq: 7 Nov 2018 00:49

Tgt Ion:252 Resp: 20630

Ion	Ratio	Lower	Upper
252	100		
253	30.4	18.2	27.4#
125	27.7	9.0	13.6#

Instrument :
BNA_F
ClientSampleId :
JC-03-110218-H

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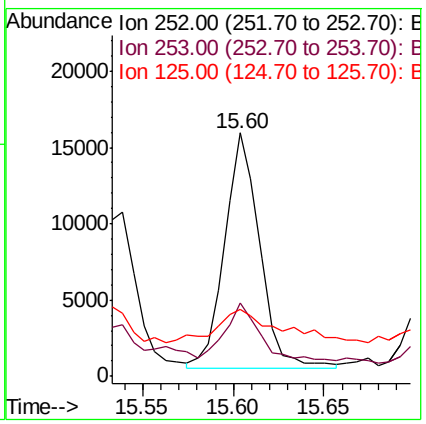

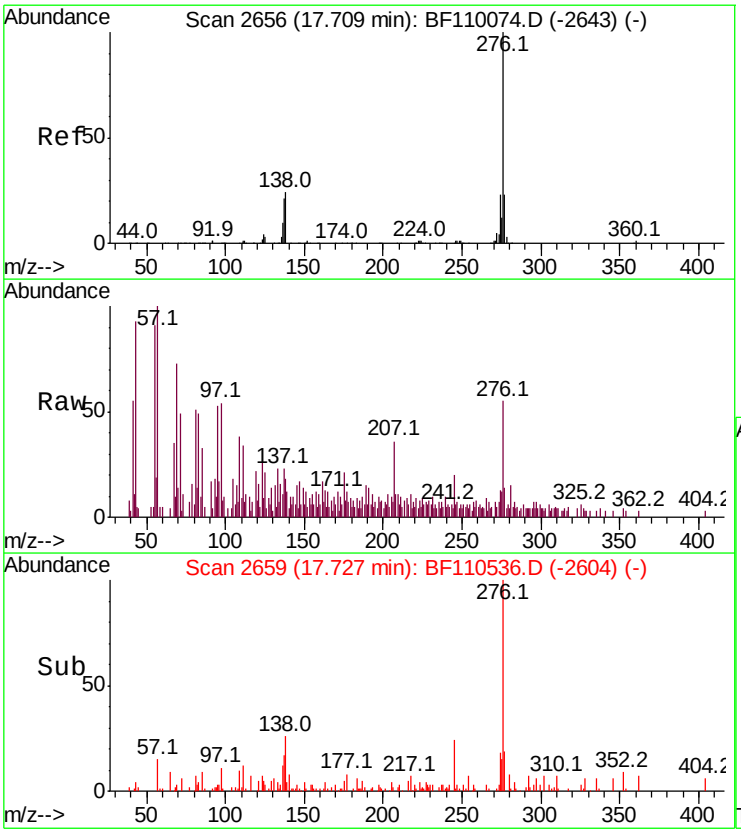

#92
Benzo(g,h,i)perylene
Concen: 2.802 ng
RT: 17.73 min Scan# 2659
Delta R.T. 0.02 min
Lab File: BF110536.D
Acq: 7 Nov 2018 00:49

Tgt Ion:276 Resp: 12284

Ion	Ratio	Lower	Upper
276	100		
277	26.1	18.8	28.2
138	32.2	16.0	24.0#