Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111218\
Data File : BF110690.D
Acq On : 12 Nov 2018 22:26
Operator : JU/SJ
Sample : J5901-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S-N

Manual Integrations APPROVED
Sohil
11/13/2018 11:16:33 AM

Quant Time: Nov 13 06:33:40 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 09 15:13:13 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	86170	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	375070	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	172797	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	310778	20.00	ng	0.00
76) Chrysene-d12	14.13	240	177778	20.00	ng	-0.01
87) Perylene-d12	15.65	264	165580	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	522978	98.58	ng	0.00
7) Phenol-d6	6.57	99	694080	102.31	ng	0.00
23) Nitrobenzene-d5	7.51	82	435449	66.86	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	129353	74.29	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	725806	59.99	ng	0.00
79) Terphenyl-d14	13.06	244	558209	58.80	ng	-0.01
Target Compounds						Qvalue
10) Phenol	6.58	94	42847	5.447	ng	# 69
50) Dimethylphthalate	9.69	163	128326	9.953	ng	99
71) Phenanthrene	11.50	178	78129	4.692	ng	99
75) Fluoranthene	12.70	202	174132	10.432	ng	98
78) Pyrene	12.93	202	145923	10.660	ng	97
81) Benzo(a)anthracene	14.12	228	72259	6.800	ng	97
83) Chrysene	14.15	228	60921	6.018	ng	98
86) Indeno(1,2,3-cd)pyrene	17.22	276	34532	4.754	ng	96
88) Benzo(b)fluoranthene	15.20	252	74262m	7.497	ng	
89) Benzo(k)fluoranthene	15.23	252	28586m	2.921	ng	
90) Benzo(a)pyrene	15.59	252	57650	6.406	ng	100
92) Benzo(g,h,i)perylene	17.69	276	31195m	4.128	ng	

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

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111218\
Data File : BF110690.D
Acq On : 12 Nov 2018 22:26
Operator : JU/SJ
Sample : J5901-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Nov 13 06:33:40 2018
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 09 15:13:13 2018
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
S-N

Manual Integrations APPROVED
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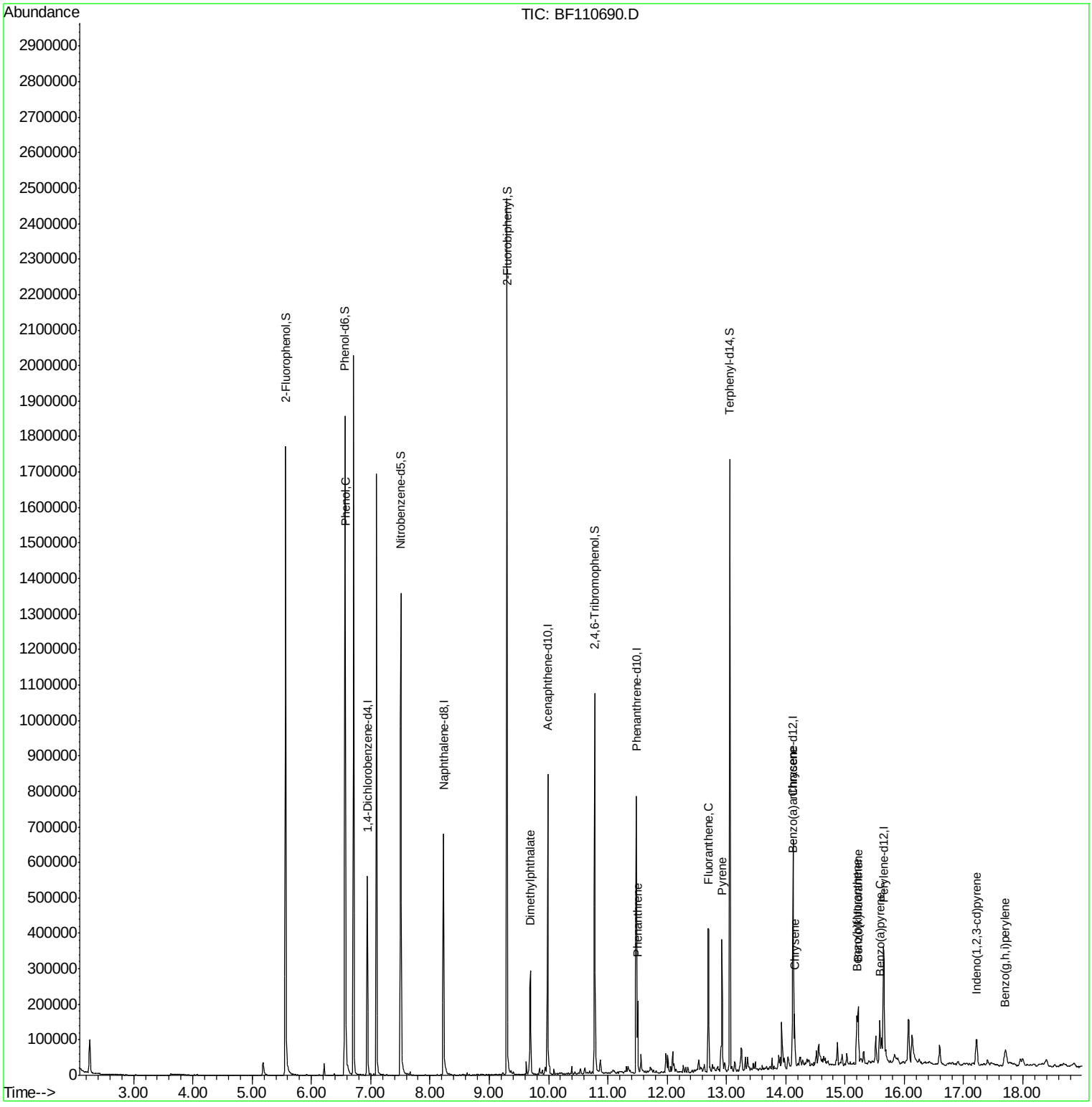
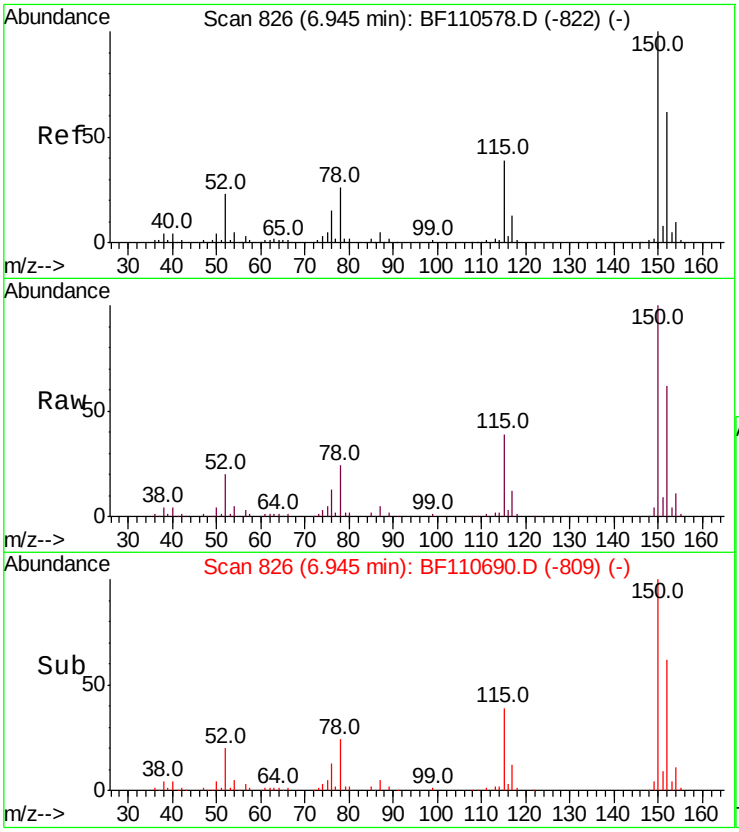
11/13/2018 11:16:33 AM

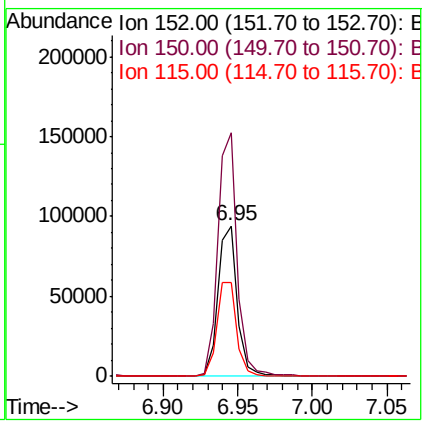




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF110690.D
Acq: 12 Nov 2018 22:26

Tgt Ion:152 Resp: 86170

Ion	Ratio	Lower	Upper
152	100		
150	161.5	122.7	184.1
115	62.5	49.1	73.7



Instrument :
BNA_F
ClientSampleId :
S-N

Manual Integrations APPROVED
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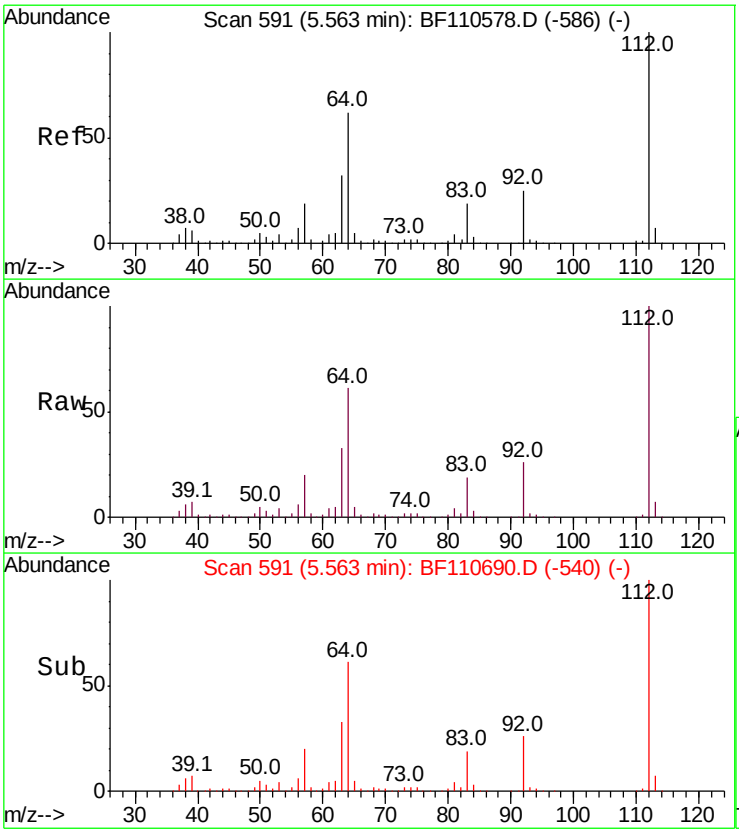
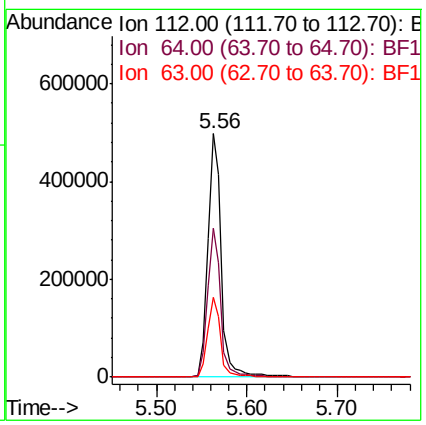
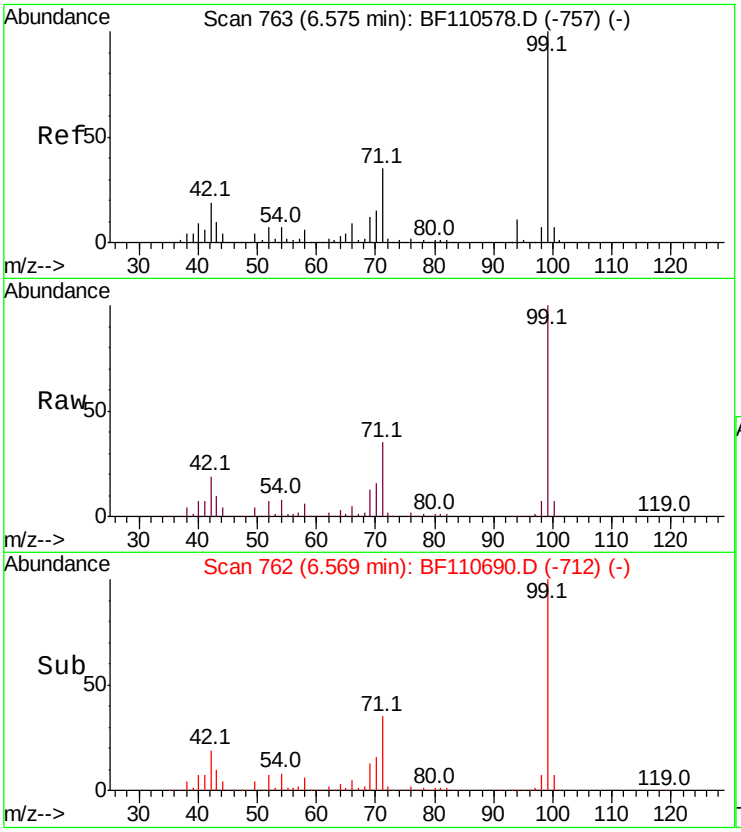


#5
2-Fluorophenol
Concen: 98.582 ng
RT: 5.56 min Scan# 591
Delta R.T. -0.00 min
Lab File: BF110690.D
Acq: 12 Nov 2018 22:26

Tgt Ion:112 Resp: 522978

Ion	Ratio	Lower	Upper
112	100		
64	61.0	44.1	66.1
63	32.8	23.7	35.5

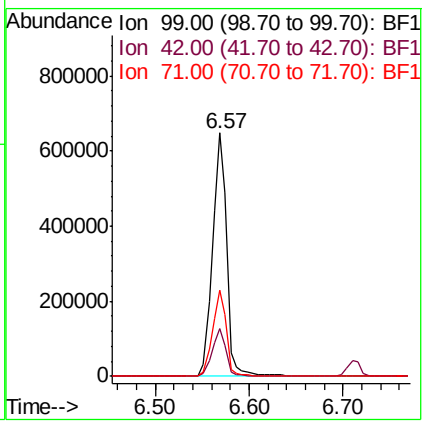




#7
Phenol-d6
Concen: 102.314 ng
RT: 6.57 min Scan# 762
Delta R.T. -0.01 min
Lab File: BF110690.D
Acq: 12 Nov 2018 22:26

Tgt Ion: 99 Resp: 694080

Ion	Ratio	Lower	Upper
99	100		
42	19.5	15.8	23.6
71	35.4	28.0	42.0



Instrument :
BNA_F
ClientSampleId :
S-N

Manual Integrations APPROVED
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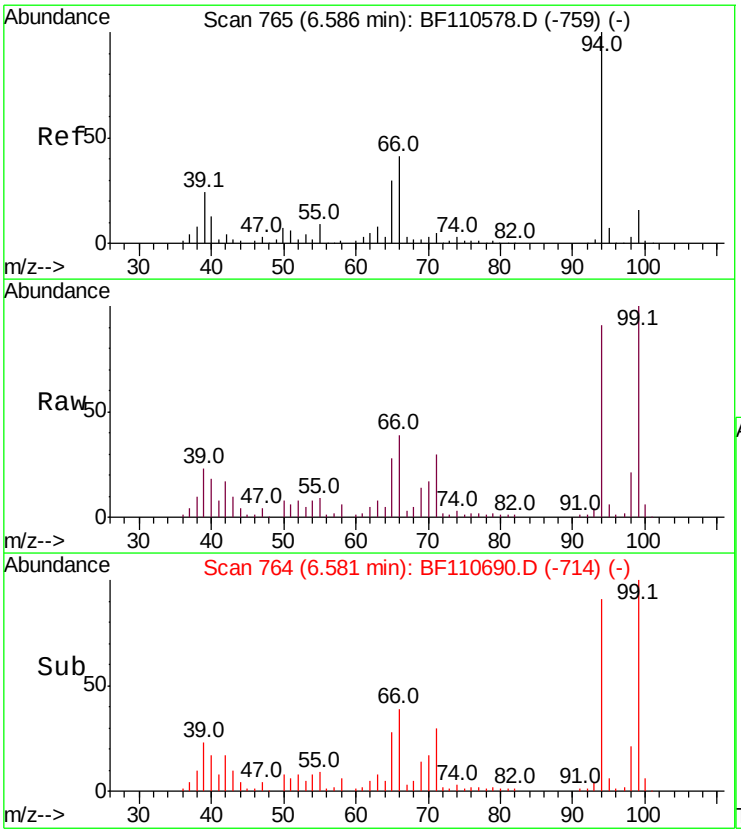
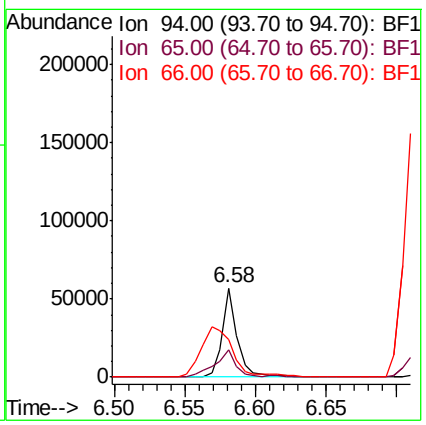
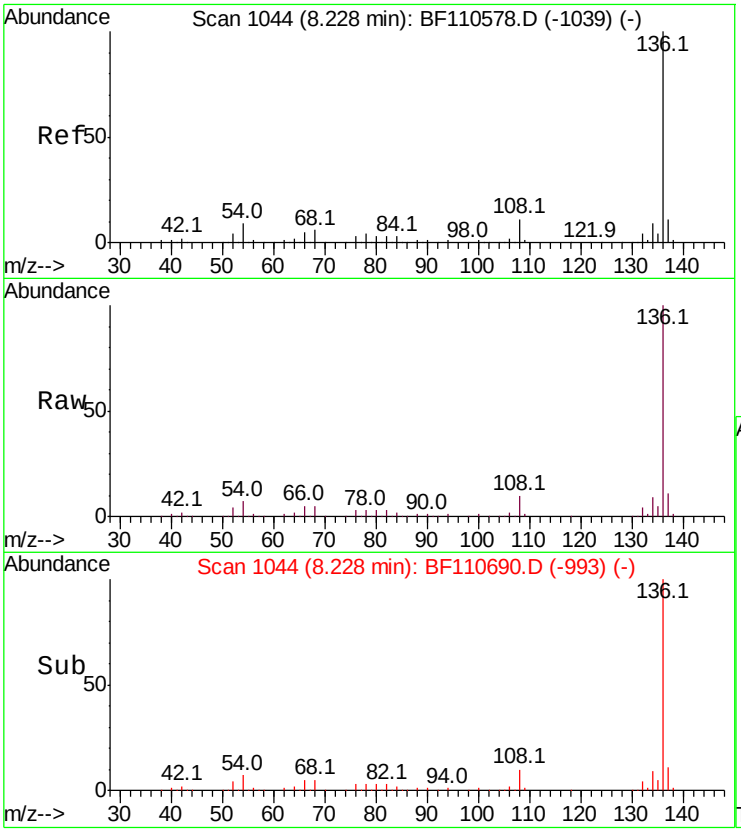


#10
Phenol
Concen: 5.447 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF110690.D
Acq: 12 Nov 2018 22:26

Tgt Ion: 94 Resp: 42847

Ion	Ratio	Lower	Upper
94	100		
65	31.1	25.3	65.3
66	42.7	54.5	94.5#

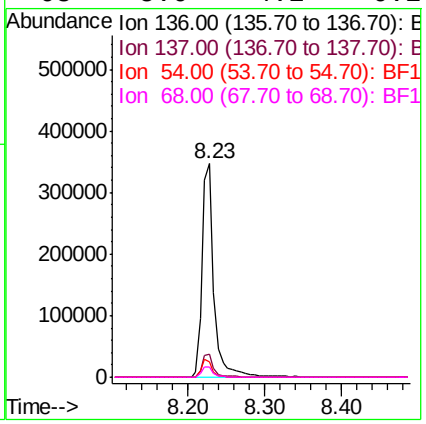




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF110690.D
Acq: 12 Nov 2018 22:26

Tgt Ion:136 Resp: 375070

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.1	5.4	8.2
68	5.0	4.2	6.2



Instrument :
BNA_F
ClientSampleId :
S-N

Manual Integrations APPROVED
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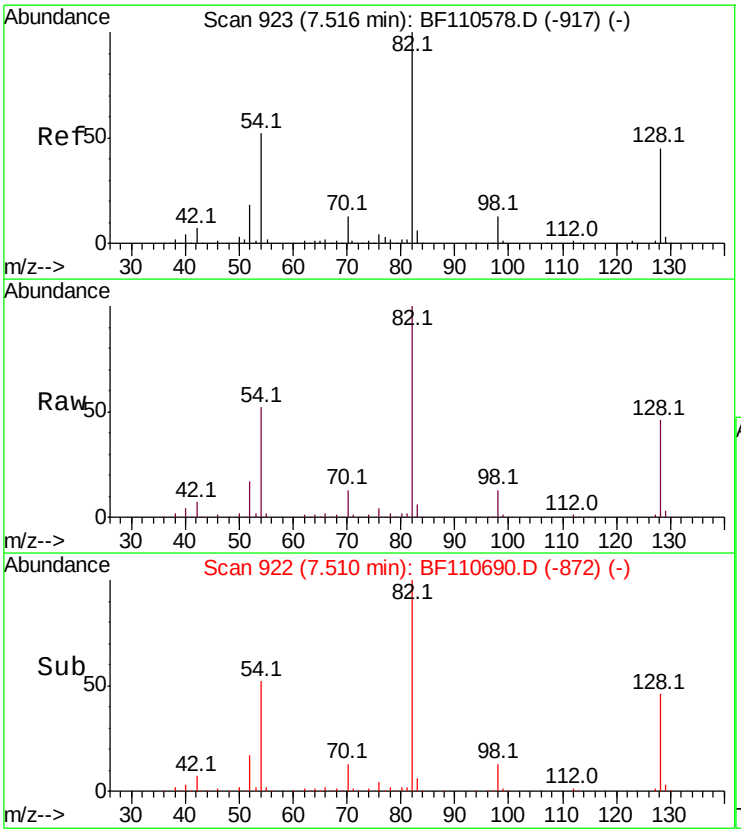
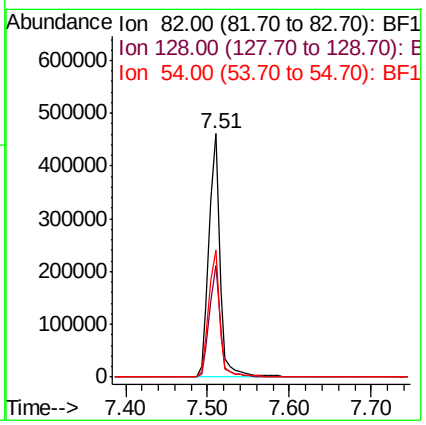
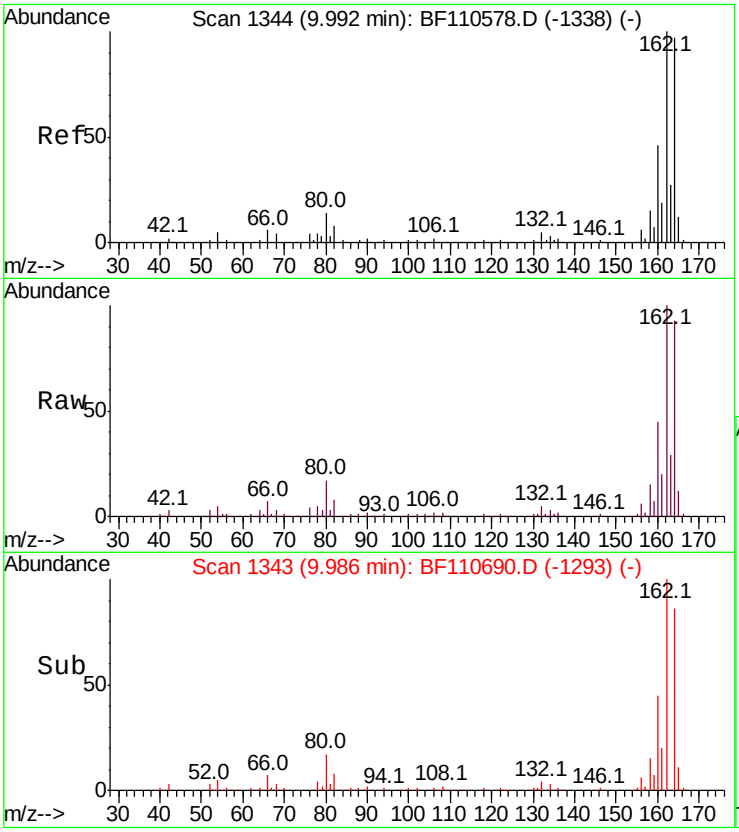


#23
Nitrobenzene-d5
Concen: 66.860 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110690.D
Acq: 12 Nov 2018 22:26

Tgt Ion: 82 Resp: 435449

Ion	Ratio	Lower	Upper
82	100		
128	45.7	34.2	51.2
54	52.5	38.6	58.0

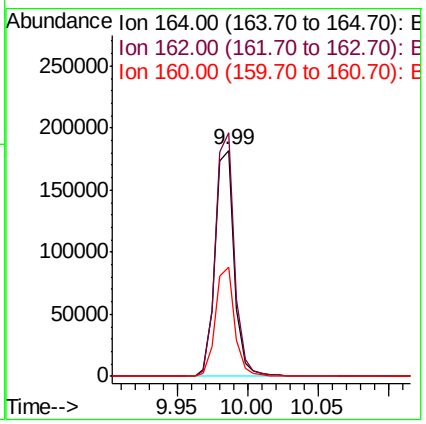




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF110690.D
Acq: 12 Nov 2018 22:26

Tgt Ion:164 Resp: 172797

Ion	Ratio	Lower	Upper
164	100		
162	107.9	83.0	124.6
160	48.4	37.0	55.6



Instrument :
BNA_F
ClientSampleId :
S-N

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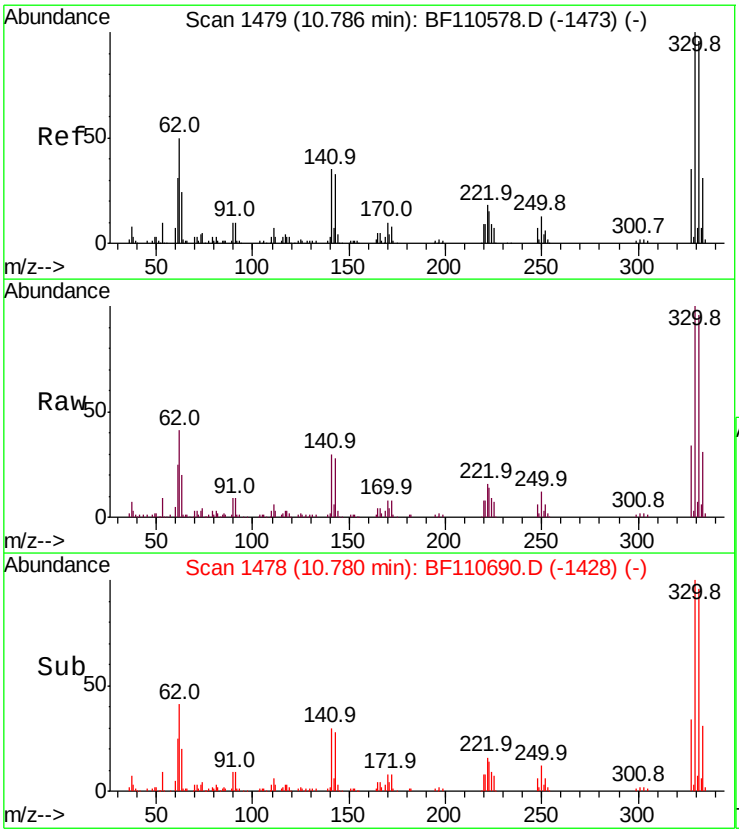
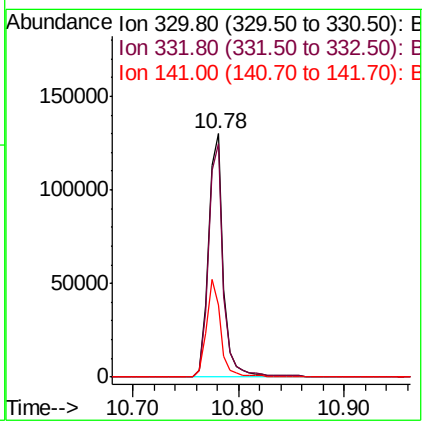
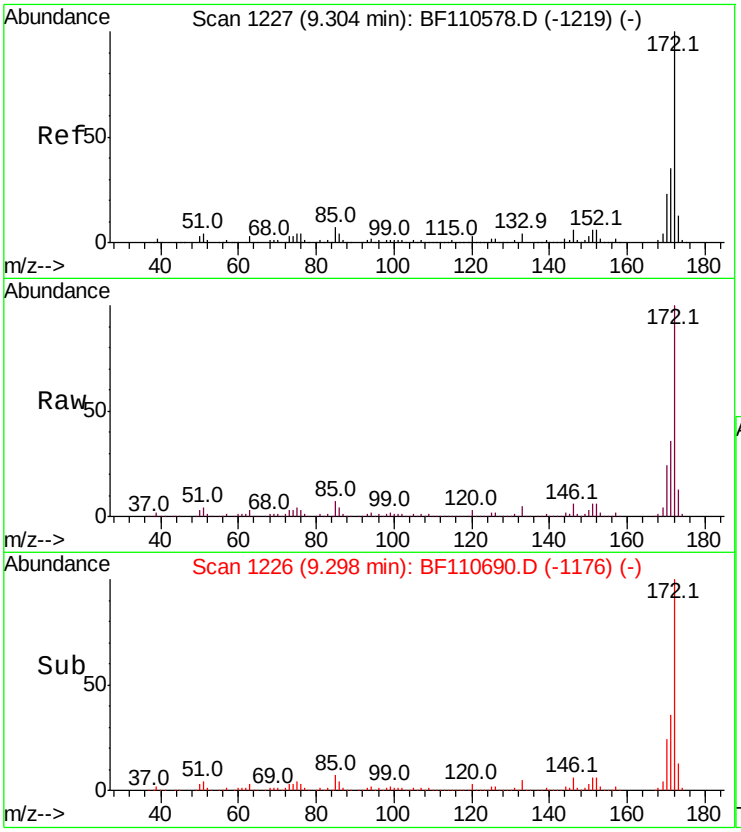


#42
2,4,6-Tribromophenol
Concen: 74.292 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BF110690.D
Acq: 12 Nov 2018 22:26

Tgt Ion:330 Resp: 129353

Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.1	115.7
141	38.3	27.0	40.4

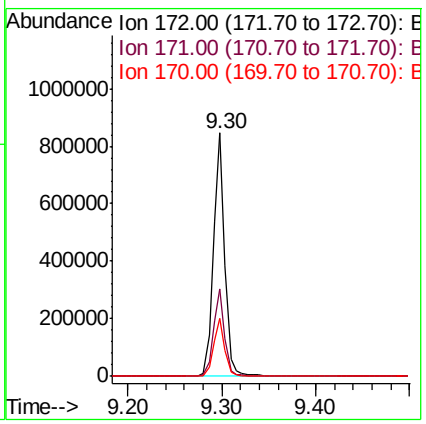




#45
2-Fluorobiphenyl
Concen: 59.988 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF110690.D
Acq: 12 Nov 2018 22:26

Tgt Ion:172 Resp: 725806

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.6	43.0
170	23.7	19.7	29.5



Instrument :
BNA_F
ClientSampleId :
S-N

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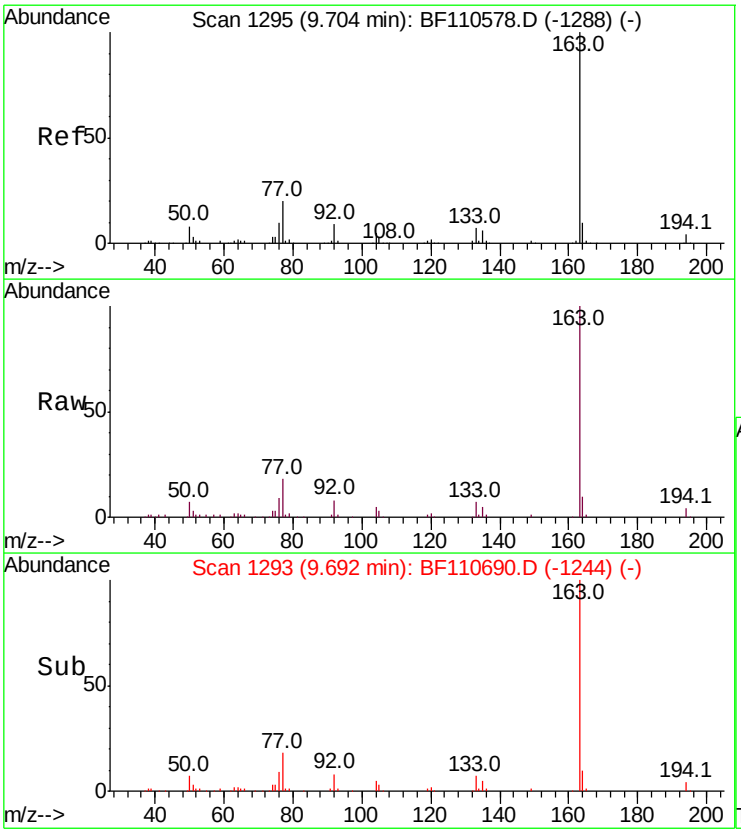
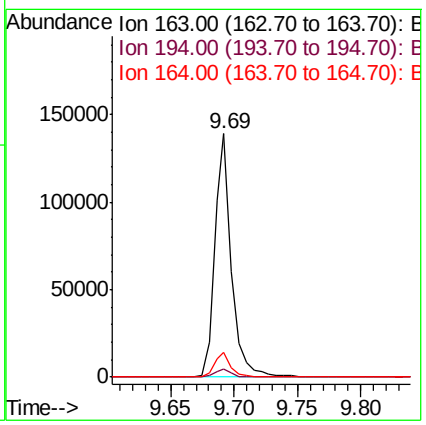
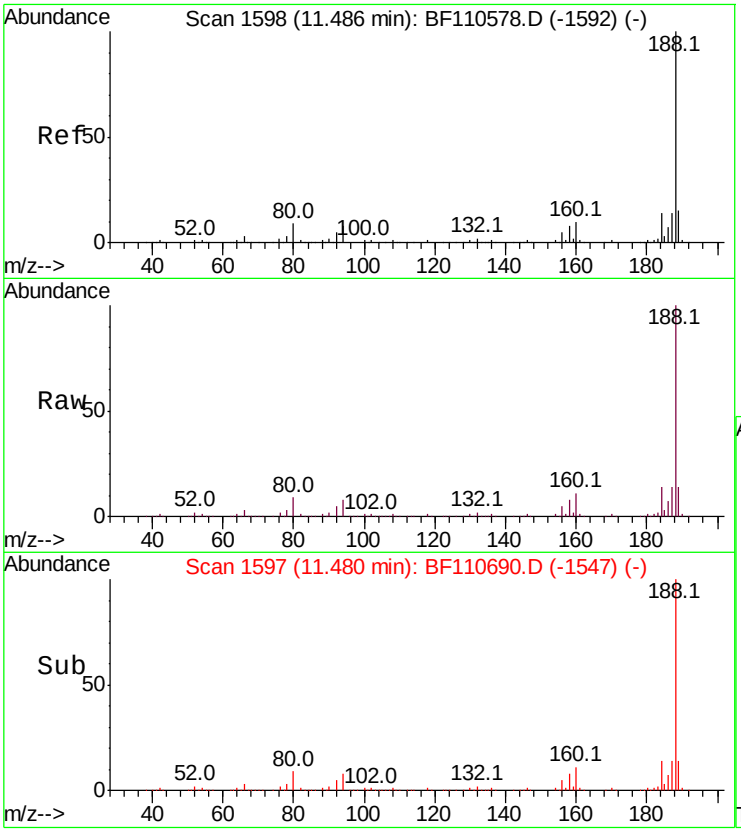


#50
Dimethylphthalate
Concen: 9.953 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF110690.D
Acq: 12 Nov 2018 22:26

Tgt Ion:163 Resp: 128326

Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.2	4.8
164	10.0	8.1	12.1





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF110690.D
Acq: 12 Nov 2018 22:26

Tgt Ion:188 Resp: 310778

Ion	Ratio	Lower	Upper
188	100		
94	8.0	7.2	10.8
80	8.7	7.9	11.9

Instrument :
BNA_F
ClientSampleId :
S-N

Manual Integrations APPROVED
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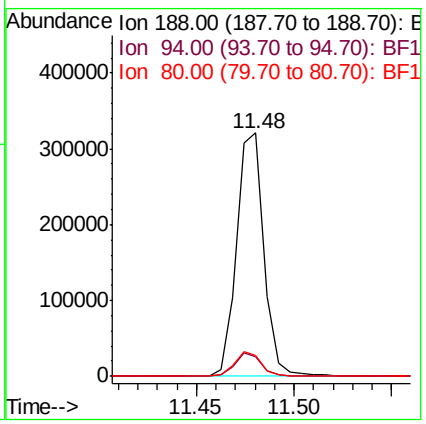
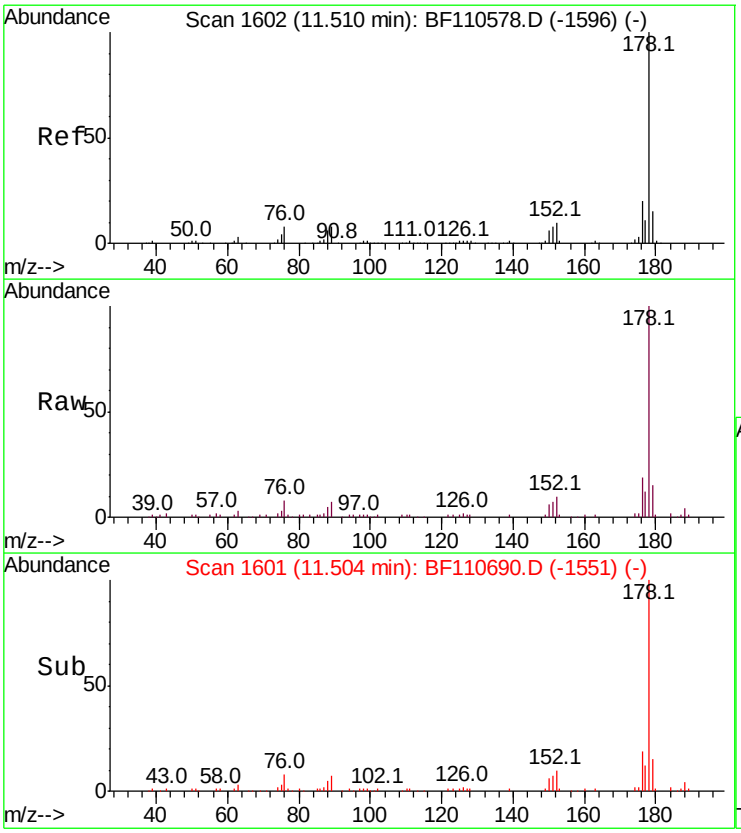
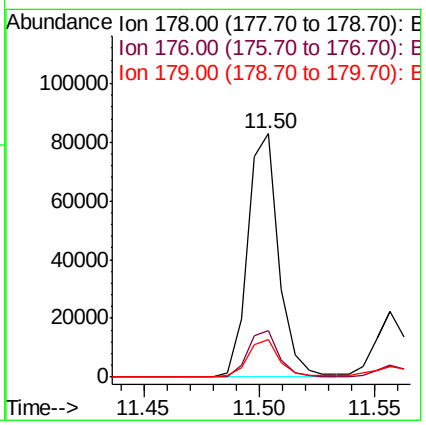


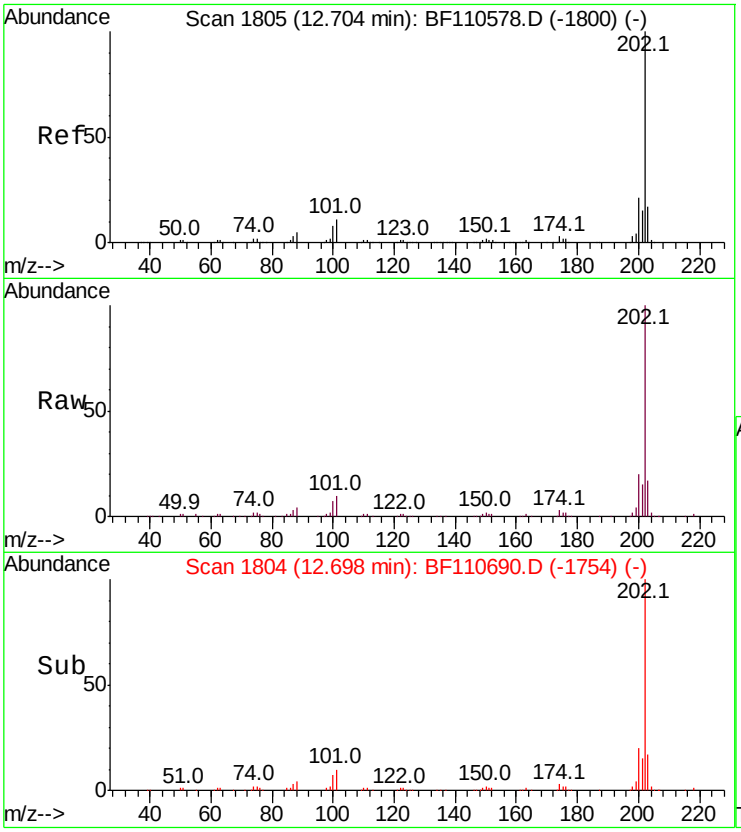


#71
Phenanthrene
Concen: 4.692 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110690.D
Acq: 12 Nov 2018 22:26

Tgt Ion:178 Resp: 78129

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.5	23.3
179	15.3	12.5	18.7

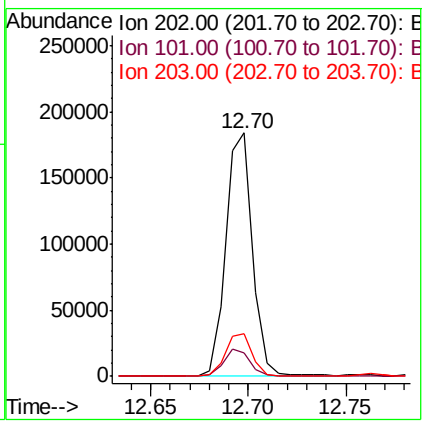




#75
Fluoranthene
Concen: 10.432 ng
RT: 12.70 min Scan# 1804
Delta R.T. -0.01 min
Lab File: BF110690.D
Acq: 12 Nov 2018 22:26

Tgt Ion:202 Resp: 174132

Ion	Ratio	Lower	Upper
202	100		
101	9.8	0.0	31.4
203	17.3	0.0	37.7



Instrument :
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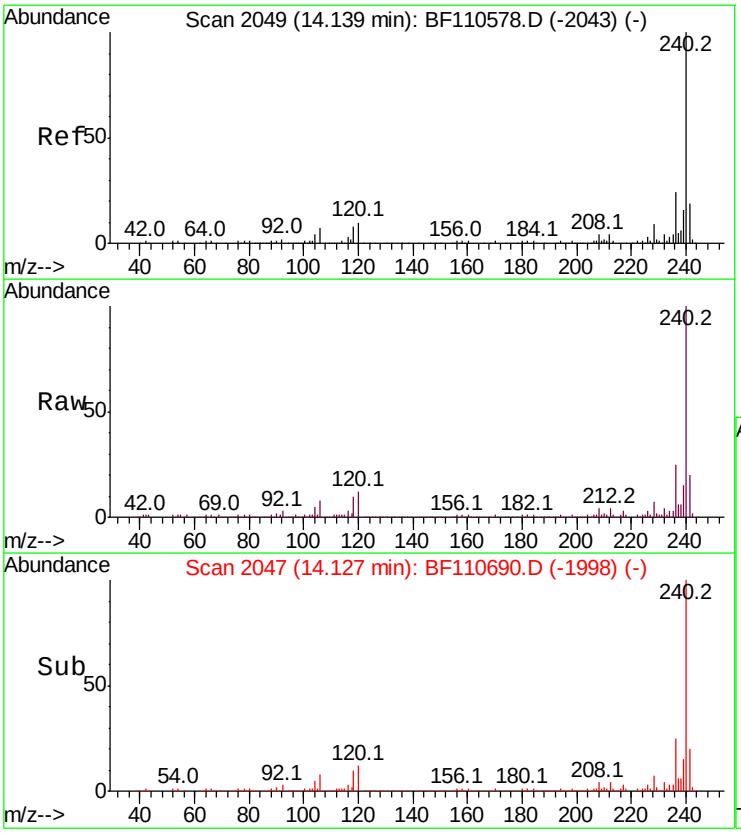
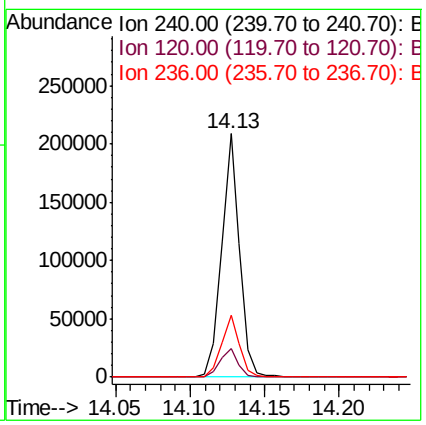
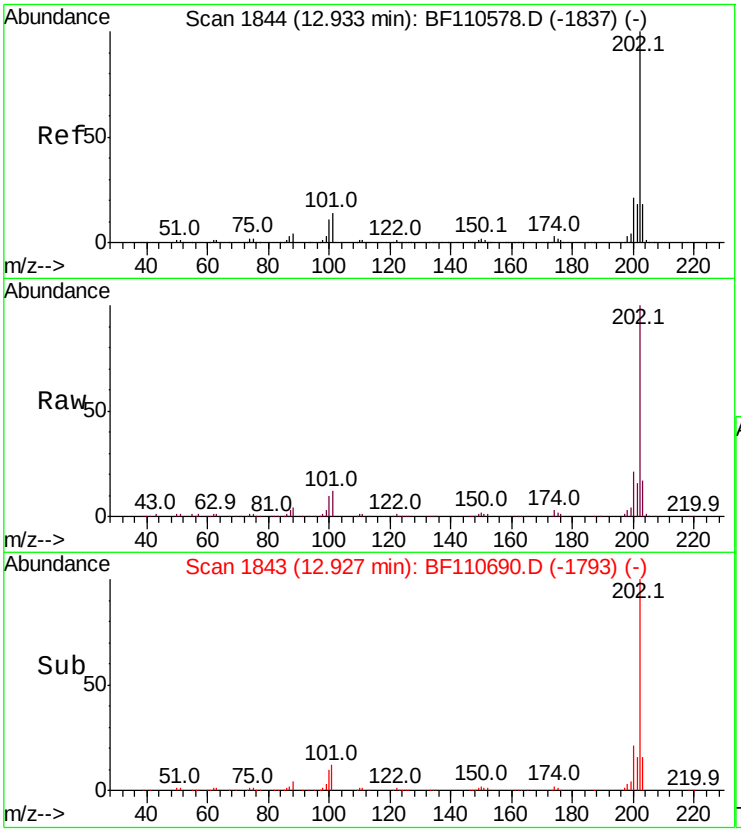


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF110690.D
Acq: 12 Nov 2018 22:26

Tgt Ion:240 Resp: 177778

Ion	Ratio	Lower	Upper
240	100		
120	11.5	8.3	12.5
236	25.4	21.2	31.8

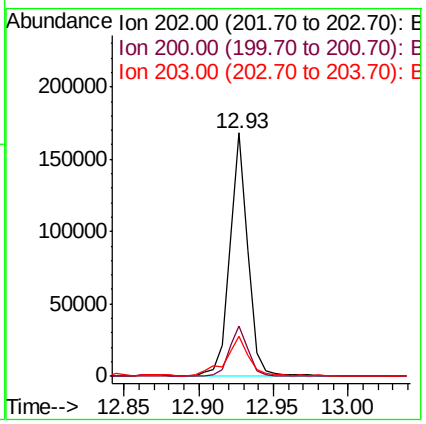




#78
Pyrene
Concen: 10.660 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BF110690.D
Acq: 12 Nov 2018 22:26

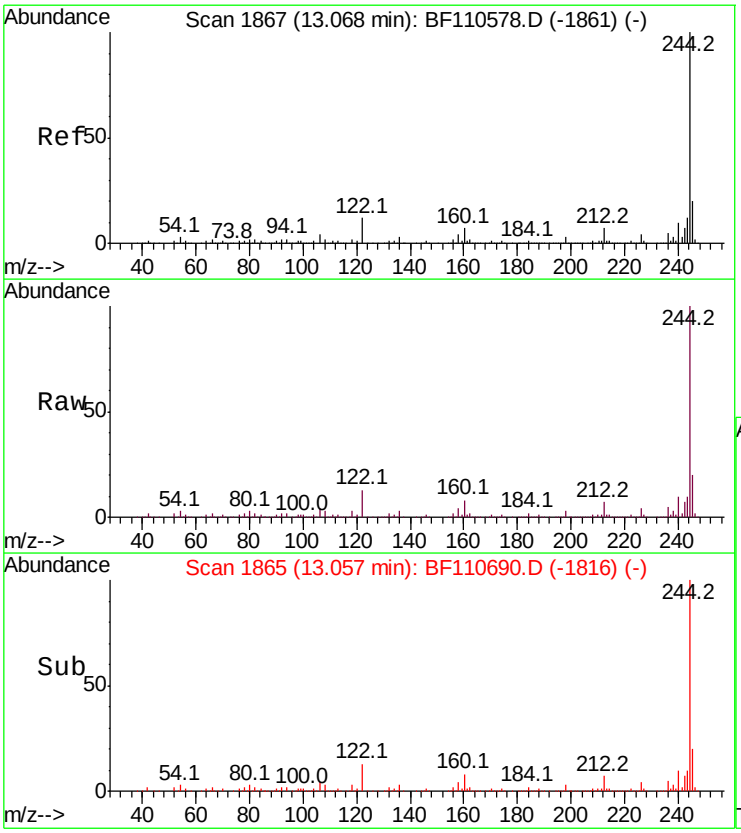
Tgt Ion:202 Resp: 145923

Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.8	26.6
203	16.6	14.2	21.4



Instrument :
BNA_F
ClientSampleId :
S-N

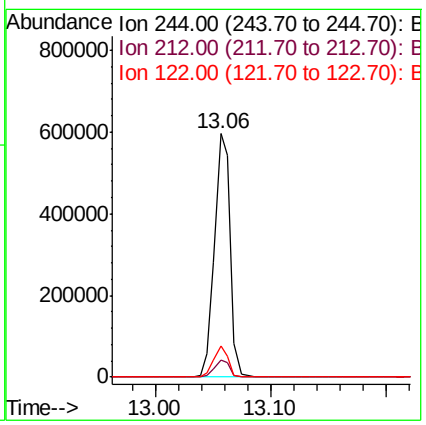
Manual Integrations APPROVED
Sohil
11/13/2018 11:16:33 AM

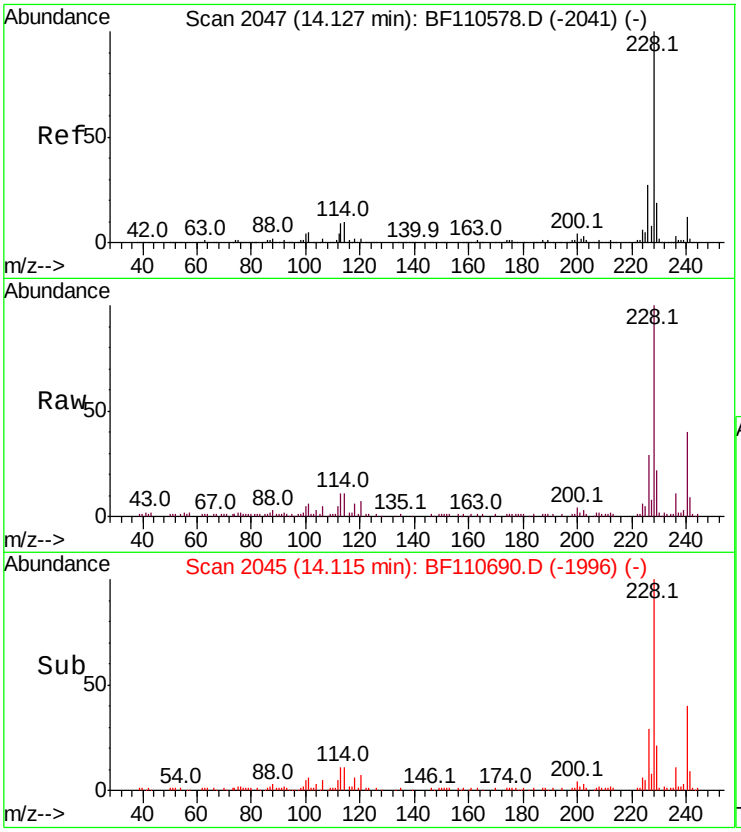


#79
Terphenyl-d14
Concen: 58.803 ng
RT: 13.06 min Scan# 1865
Delta R.T. -0.01 min
Lab File: BF110690.D
Acq: 12 Nov 2018 22:26

Tgt Ion:244 Resp: 558209

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	13.0	8.7	13.1

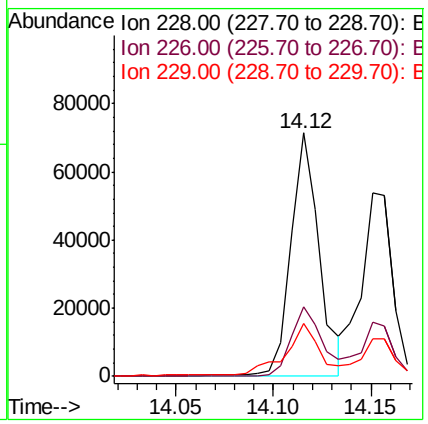




#81
Benzo(a)anthracene
Concen: 6.800 ng
RT: 14.12 min Scan# 2045
Delta R.T. -0.01 min
Lab File: BF110690.D
Acq: 12 Nov 2018 22:26

Tgt Ion:228 Resp: 72259

Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.1	33.1
229	21.6	15.6	23.4



Instrument :
BNA_F
ClientSampleId :
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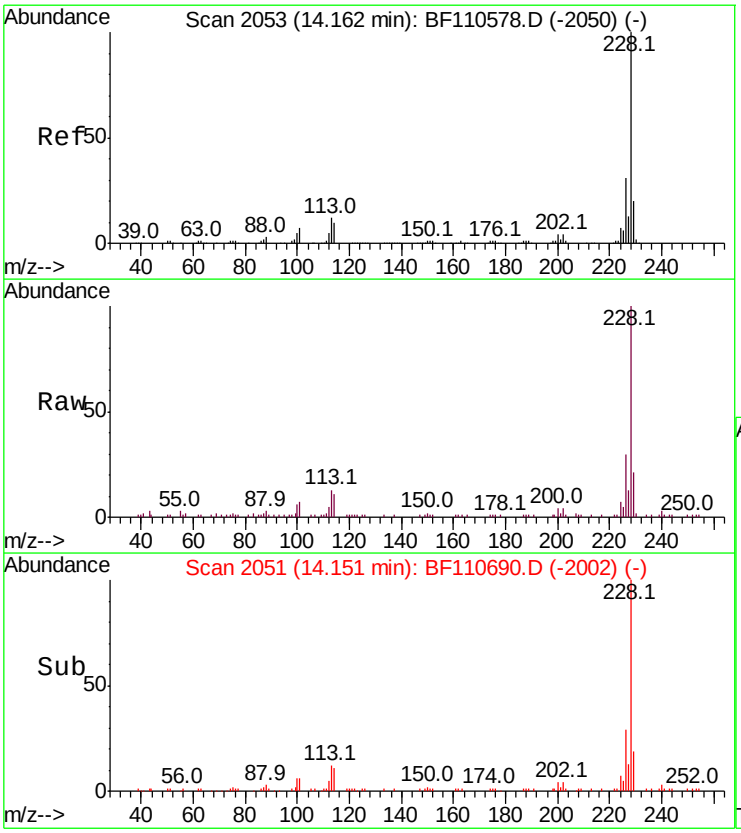
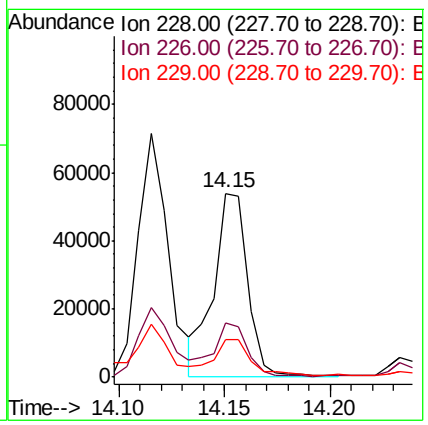
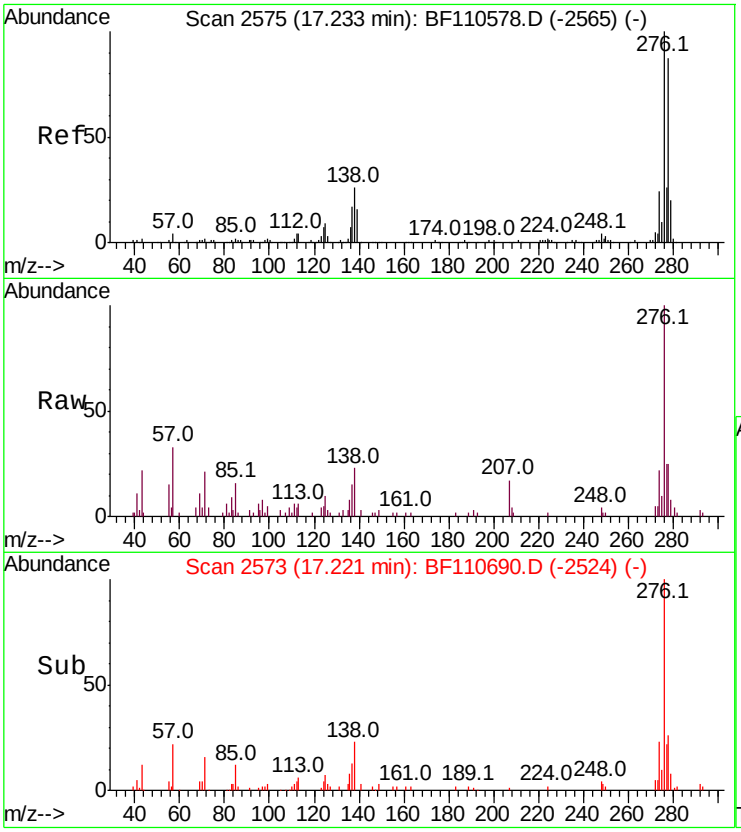


#83
Chrysene
Concen: 6.018 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF110690.D
Acq: 12 Nov 2018 22:26

Tgt Ion:228 Resp: 60921

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.7	37.1
229	20.5	15.9	23.9





#86
Indeno(1,2,3-cd)pyrene
Concen: 4.754 ng
RT: 17.22 min Scan# 2573
Delta R.T. -0.01 min
Lab File: BF110690.D
Acq: 12 Nov 2018 22:26

Tgt Ion:276 Resp: 34532

Ion	Ratio	Lower	Upper
276	100		
138	24.7	18.5	27.7
277	26.9	20.0	30.0

Instrument :
BNA_F
ClientSampleId :
S-N

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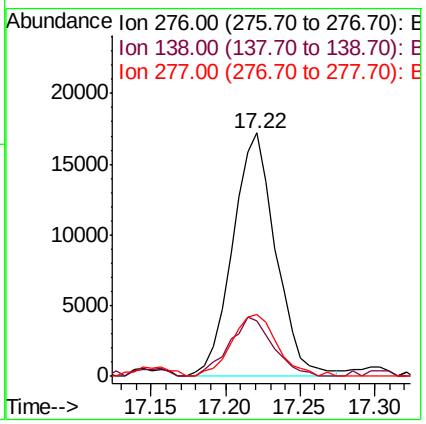
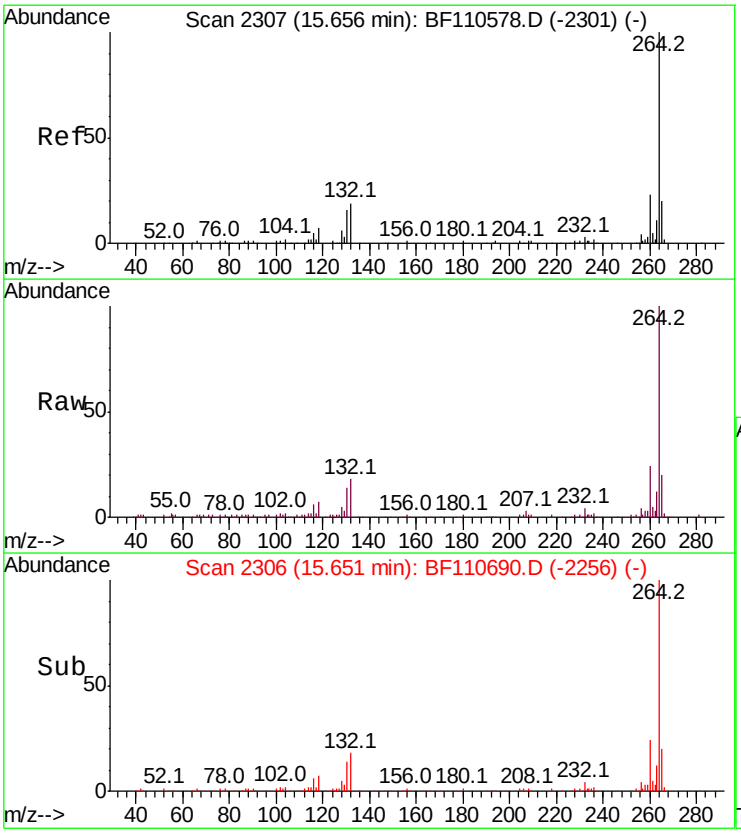
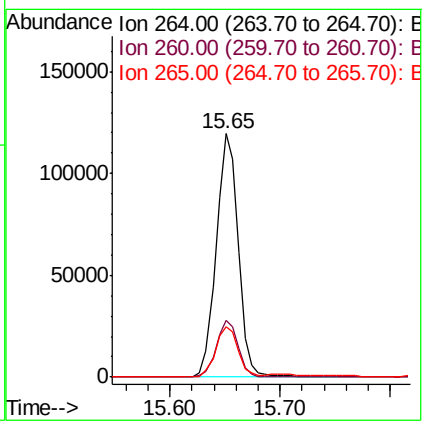


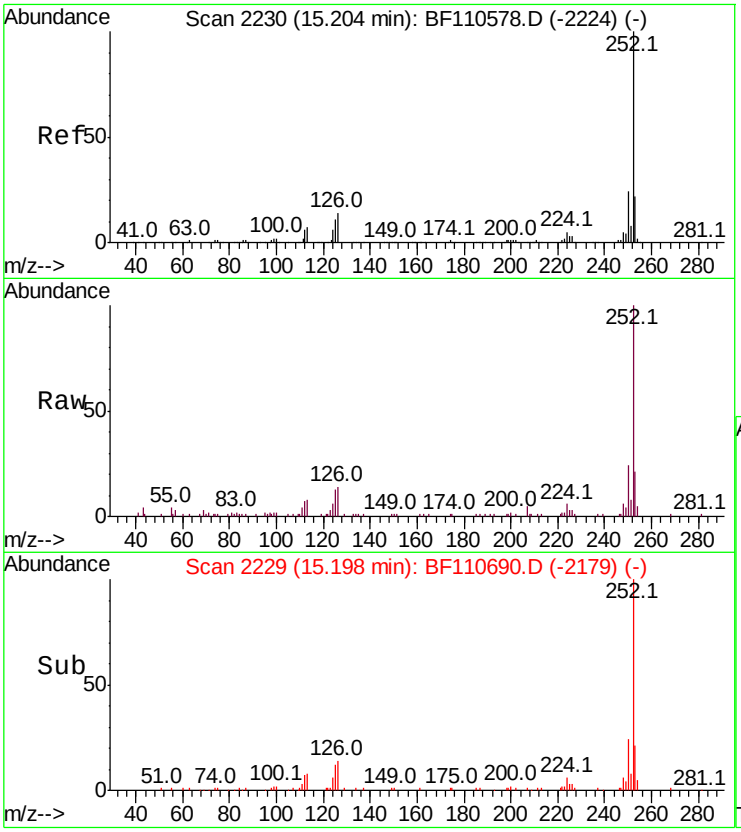


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.65 min Scan# 2306
Delta R.T. -0.01 min
Lab File: BF110690.D
Acq: 12 Nov 2018 22:26

Tgt Ion:264 Resp: 165580

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.7	28.1
265	20.5	16.7	25.1

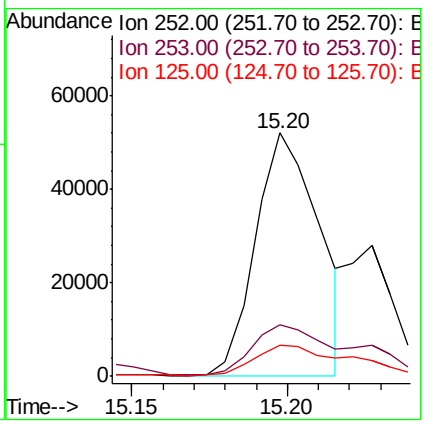




#88
Benzo(b)fluoranthene
Concen: 7.497 ng m
RT: 15.20 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BF110690.D
Acq: 12 Nov 2018 22:26

Tgt Ion:252 Resp: 74262

Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.2	25.8
125	12.8	8.2	12.4#



Instrument :
BNA_F
ClientSampleId :
S-N

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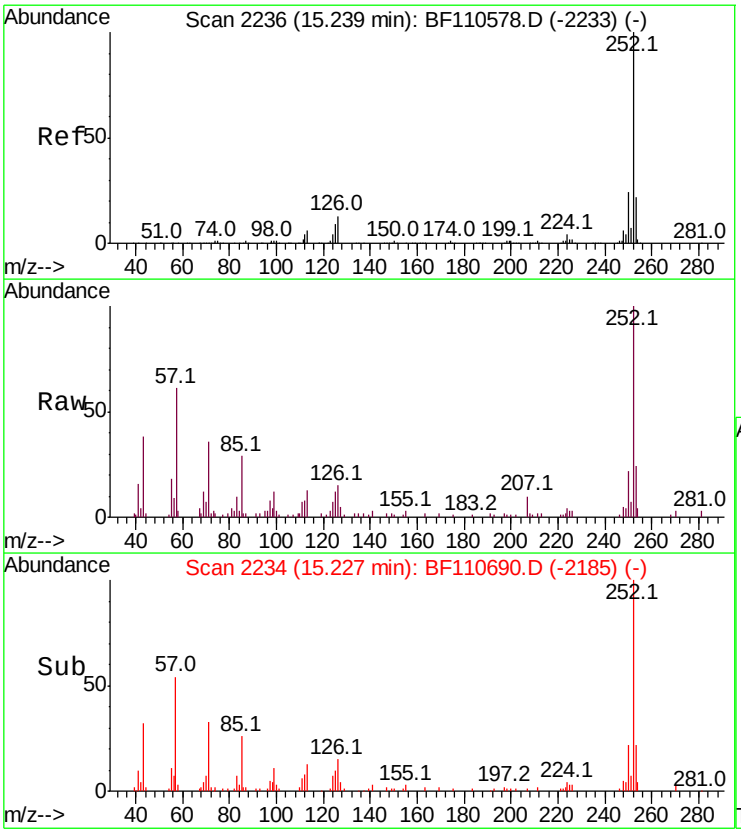
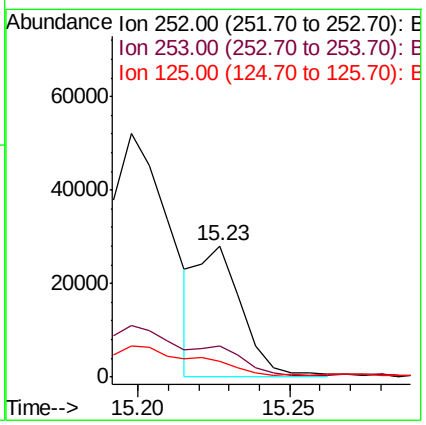
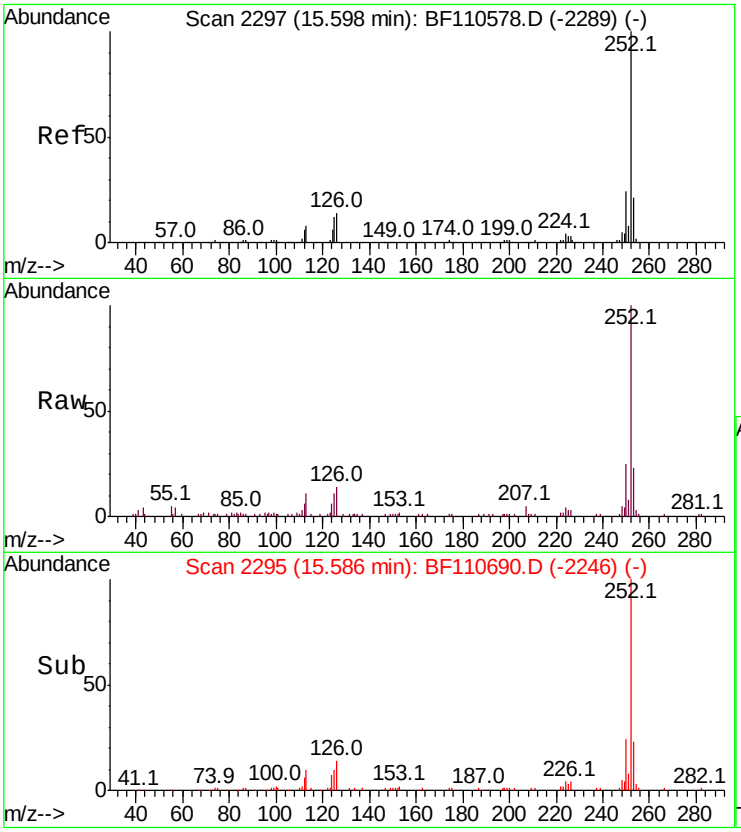


#89
Benzo(k)fluoranthene
Concen: 2.921 ng m
RT: 15.23 min Scan# 2234
Delta R.T. -0.01 min
Lab File: BF110690.D
Acq: 12 Nov 2018 22:26

Tgt Ion:252 Resp: 28586

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.2	25.8
125	12.0	7.4	11.0#

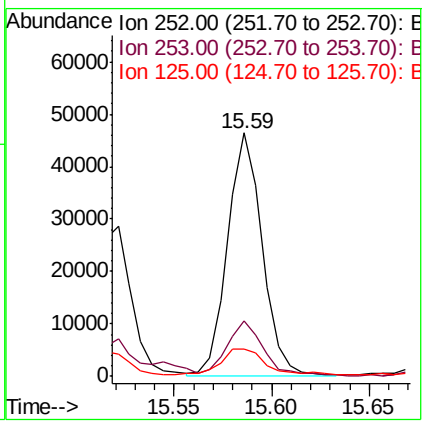




#90
Benzo(a)pyrene
Concen: 6.406 ng
RT: 15.59 min Scan# 2295
Delta R.T. -0.01 min
Lab File: BF110690.D
Acq: 12 Nov 2018 22:26

Tgt Ion:252 Resp: 57650

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.2	27.4
125	11.1	9.0	13.6



Instrument :
BNA_F
ClientSampleId :
S-N

Manual Integrations APPROVED
Sohil
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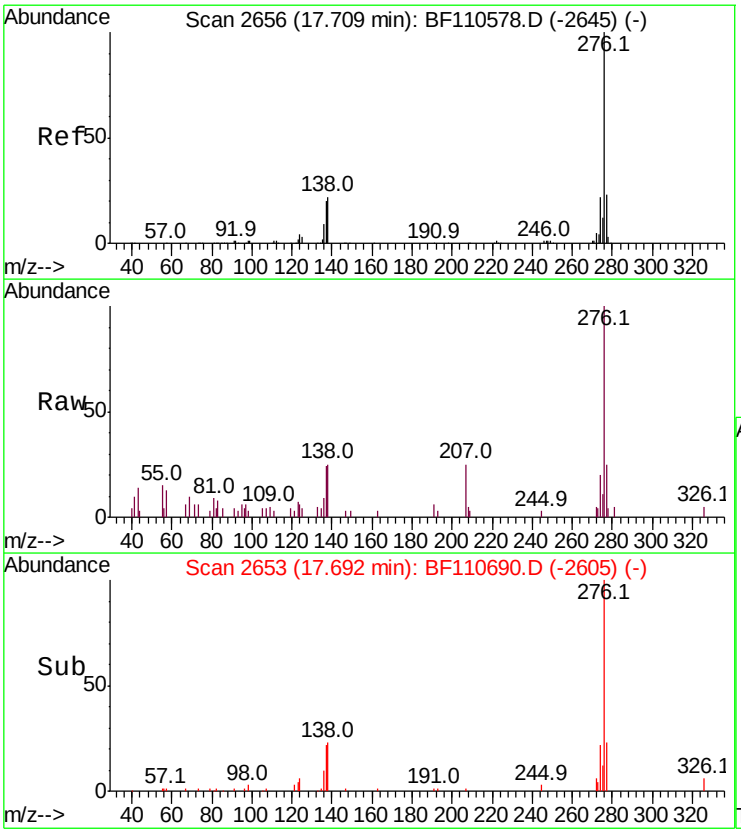

#92
Benzo(g,h,i)perylene
Concen: 4.128 ng m
RT: 17.69 min Scan# 2653
Delta R.T. -0.02 min
Lab File: BF110690.D
Acq: 12 Nov 2018 22:26

Tgt Ion:276 Resp: 31195

Ion	Ratio	Lower	Upper
276	100		
277	24.9	18.8	28.2
138	25.0	16.0	24.0#