Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101918\
Data File : BF110019.D
Acq On : 19 Oct 2018 22:44
Operator : JU/SJ
Sample : J5195-03 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-02-101818-A

Manual Integrations APPROVED
Sohil
10/22/2018 2:55:44 PM

Quant Time: Oct 20 03:08:34 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 16 14:58:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	212355	20.00	ng		-0.01
21) Naphthalene-d8	8.25	136	839242	20.00	ng		-0.02
39) Acenaphthene-d10	10.01	164	355331	20.00	ng		-0.02
64) Phenanthrene-d10	11.50	188	560452	20.00	ng		-0.01
76) Chrysene-d12	14.14	240	394477	20.00	ng		-0.02
87) Perylene-d12	15.67	264	341850	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	596284	44.51	ng		-0.02
7) Phenol-d6	6.58	99	763836	45.92	ng		-0.02
23) Nitrobenzene-d5	7.53	82	464749	37.30	ng		-0.02
42) 2,4,6-Tribromophenol	10.80	330	141039	45.85	ng		-0.02
45) 2-Fluorobiphenyl	9.33	172	816456	36.66	ng		-0.01
79) Terphenyl-d14	13.09	244	560912	29.86	ng		-0.02
Target Compounds							Qvalue
10) Phenol	6.59	94	72865	4.057	ng	#	65
31) Naphthalene	8.27	128	92160	2.395	ng		100
49) Acenaphthylene	9.87	152	68742	2.029	ng		95
50) Dimethylphthalate	9.72	163	120695	4.797	ng		100
71) Phenanthrene	11.53	178	237952	8.201	ng		100
72) Anthracene	11.57	178	67150	2.302	ng		99
75) Fluoranthene	12.72	202	371082	12.802	ng		98
78) Pyrene	12.95	202	394398	13.613	ng		98
81) Benzo(a)anthracene	14.13	228	192407m	8.281	ng		
83) Chrysene	14.17	228	178547	8.073	ng		98
86) Indeno(1,2,3-cd)pyrene	17.22	276	131540	7.387	ng		97
88) Benzo(b)fluoranthene	15.22	252	241701m	12.264	ng		
89) Benzo(k)fluoranthene	15.24	252	81775m	4.210	ng		
90) Benzo(a)pyrene	15.60	252	200179	11.044	ng	#	97
92) Benzo(g,h,i)perylene	17.70	276	153949	9.485	ng		94

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

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Data File : BF110019.D
Acq On : 19 Oct 2018 22:44
Operator : JU/SJ
Sample : J5195-03 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Oct 20 03:08:34 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 16 14:58:24 2018
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
JC-02-101818-A

Manual Integrations APPROVED
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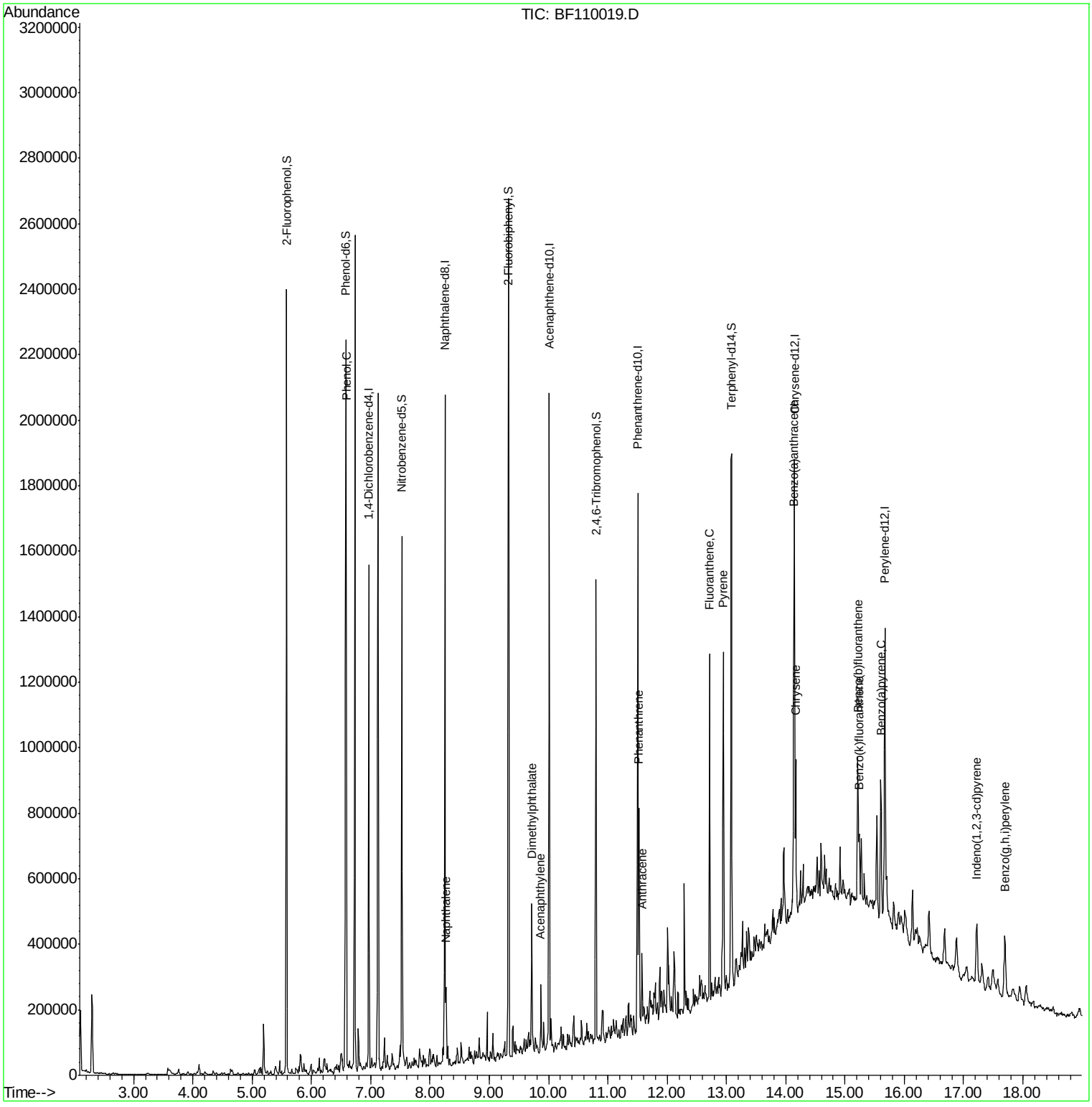
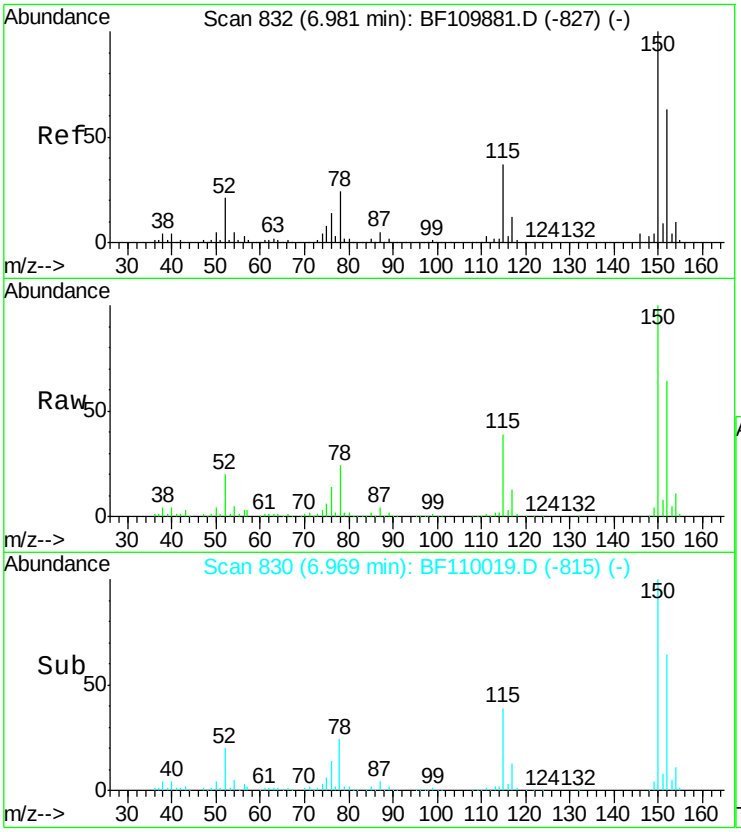
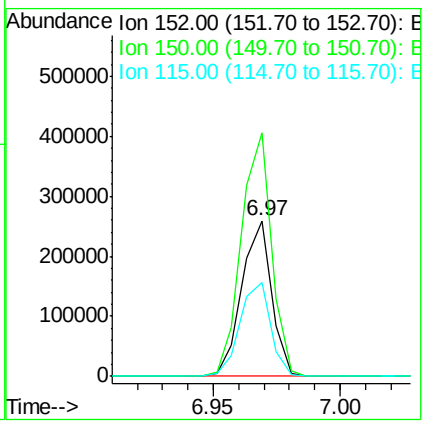




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110019.D
Acq: 19 Oct 2018 22:44

Tgt Ion:152 Resp: 212355

Ion	Ratio	Lower	Upper
152	100		
150	156.7	122.7	184.1
115	60.6	49.1	73.7



Instrument :
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ClientSampleId :
JC-02-101818-A

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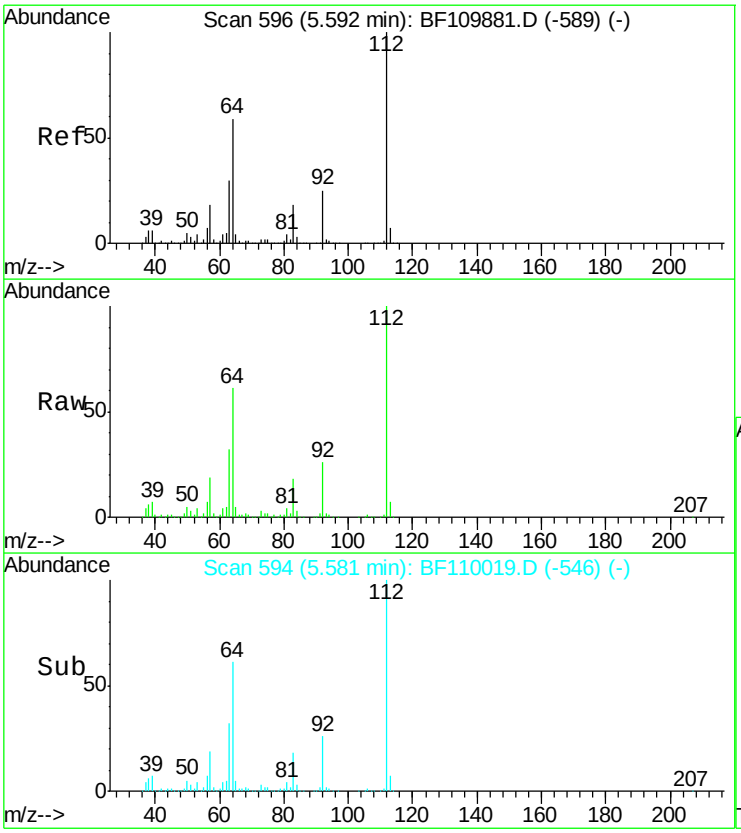
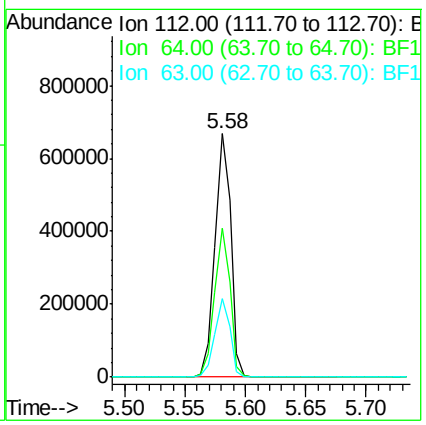
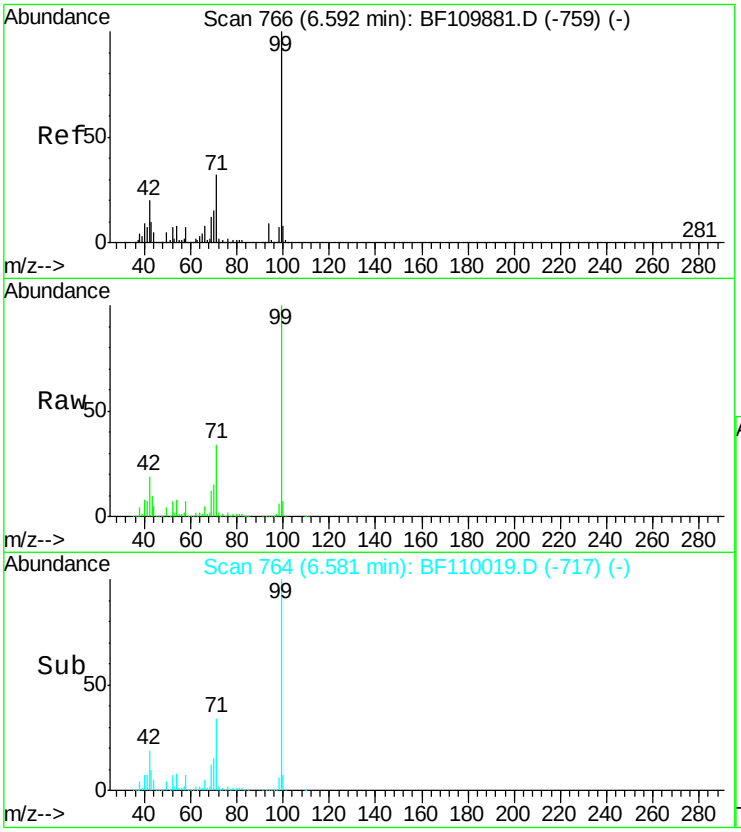


#5
2-Fluorophenol
Concen: 44.510 ng
RT: 5.58 min Scan# 594
Delta R.T. -0.02 min
Lab File: BF110019.D
Acq: 19 Oct 2018 22:44

Tgt Ion:112 Resp: 596284

Ion	Ratio	Lower	Upper
112	100		
64	61.3	44.1	66.1
63	32.1	23.7	35.5

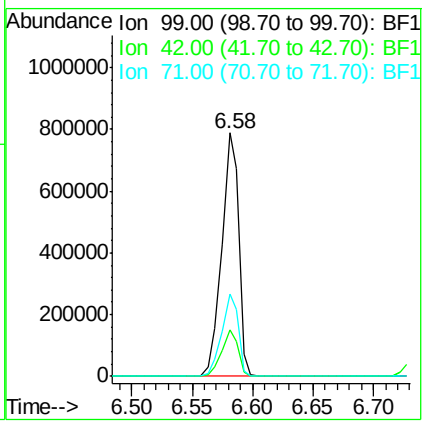




#7
Phenol-d6
Concen: 45.917 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.02 min
Lab File: BF110019.D
Acq: 19 Oct 2018 22:44

Tgt Ion: 99 Resp: 763836

Ion	Ratio	Lower	Upper
99	100		
42	19.0	15.8	23.6
71	34.1	28.0	42.0



Instrument :
BNA_F
ClientSampleId :
JC-02-101818-A

Manual Integrations APPROVED
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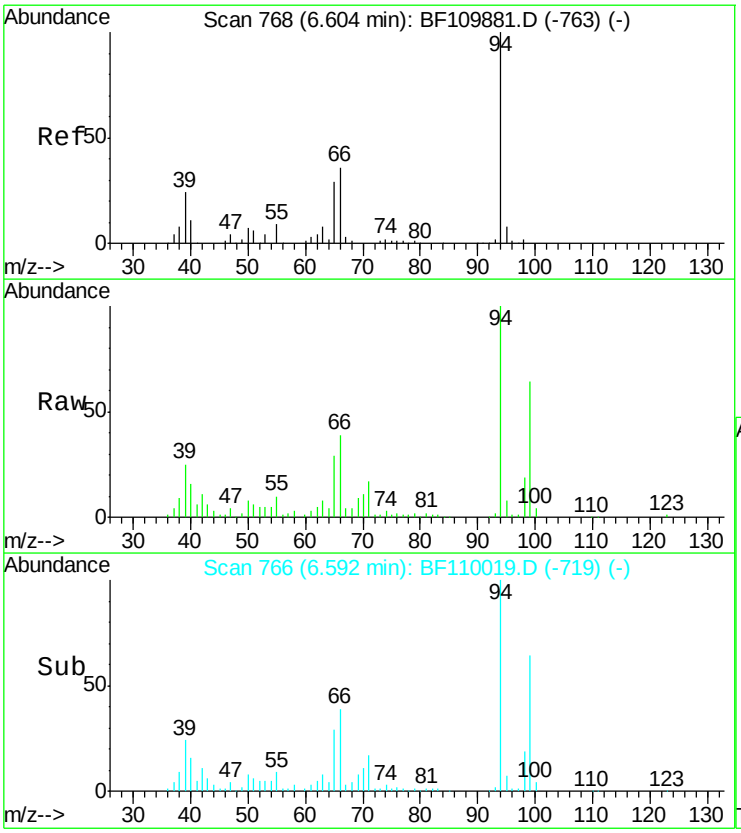
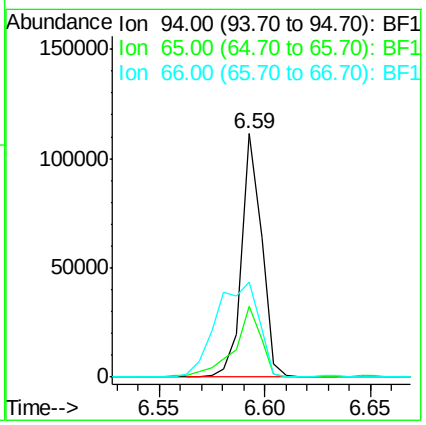
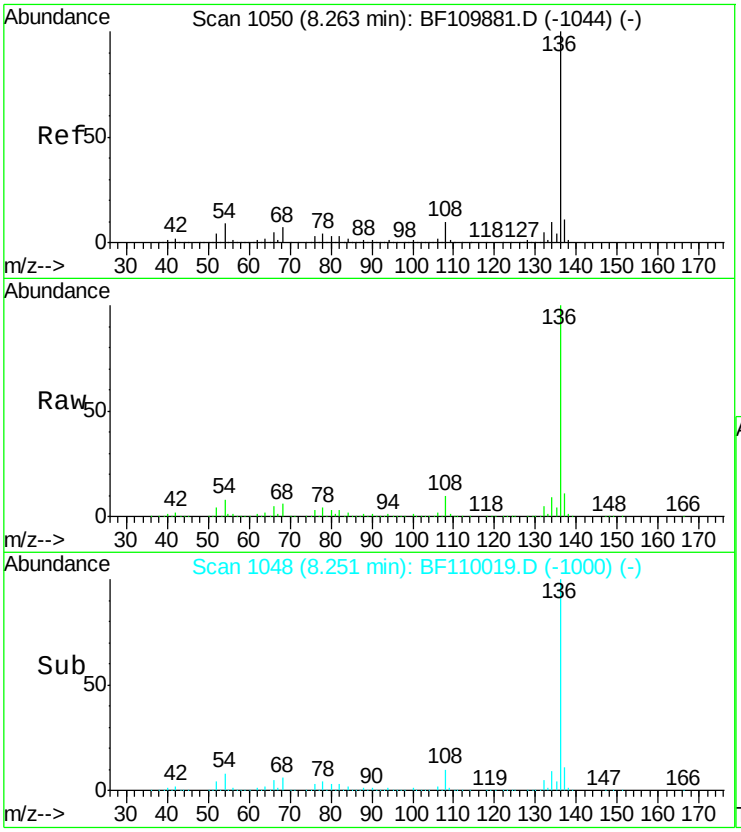


#10
Phenol
Concen: 4.057 ng
RT: 6.59 min Scan# 766
Delta R.T. -0.02 min
Lab File: BF110019.D
Acq: 19 Oct 2018 22:44

Tgt Ion: 94 Resp: 72865

Ion	Ratio	Lower	Upper
94	100		
65	29.1	25.3	65.3
66	38.8	54.5	94.5#

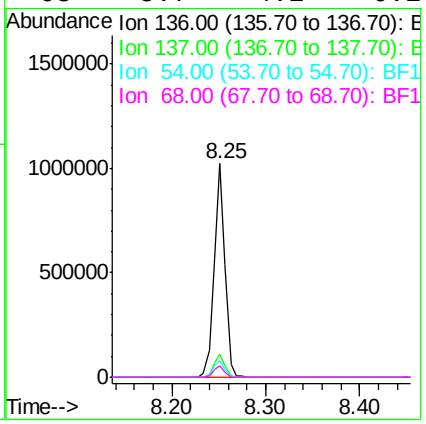




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF110019.D
Acq: 19 Oct 2018 22:44

Tgt Ion:136 Resp: 839242

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	8.0	5.4	8.2
68	5.7	4.2	6.2



Instrument :
BNA_F
ClientSampleId :
JC-02-101818-A

Manual Integrations APPROVED
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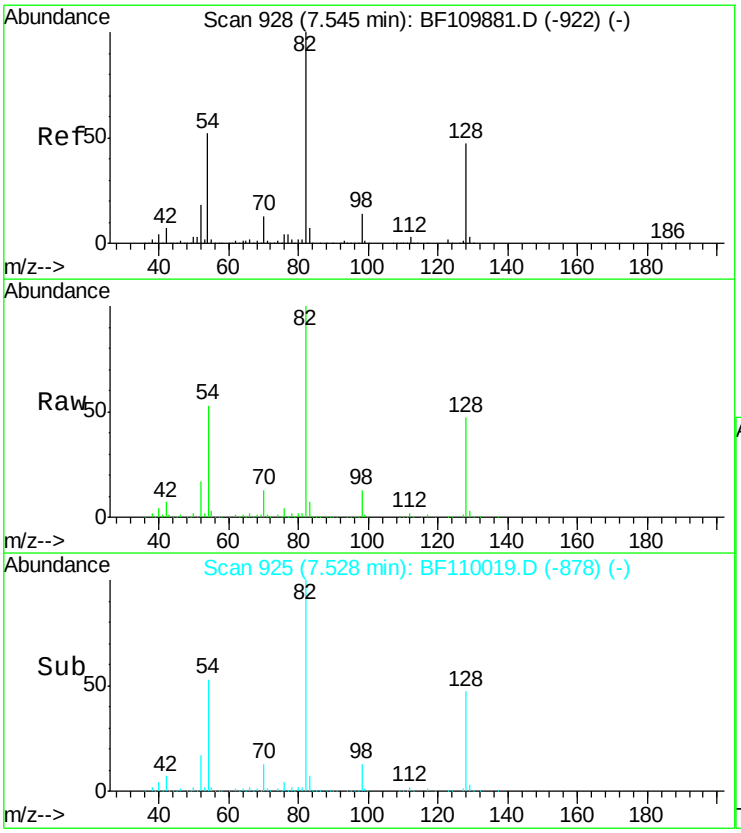
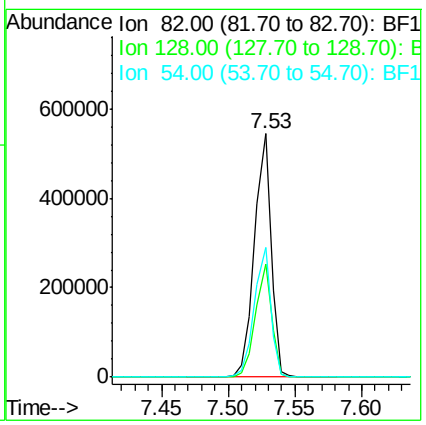
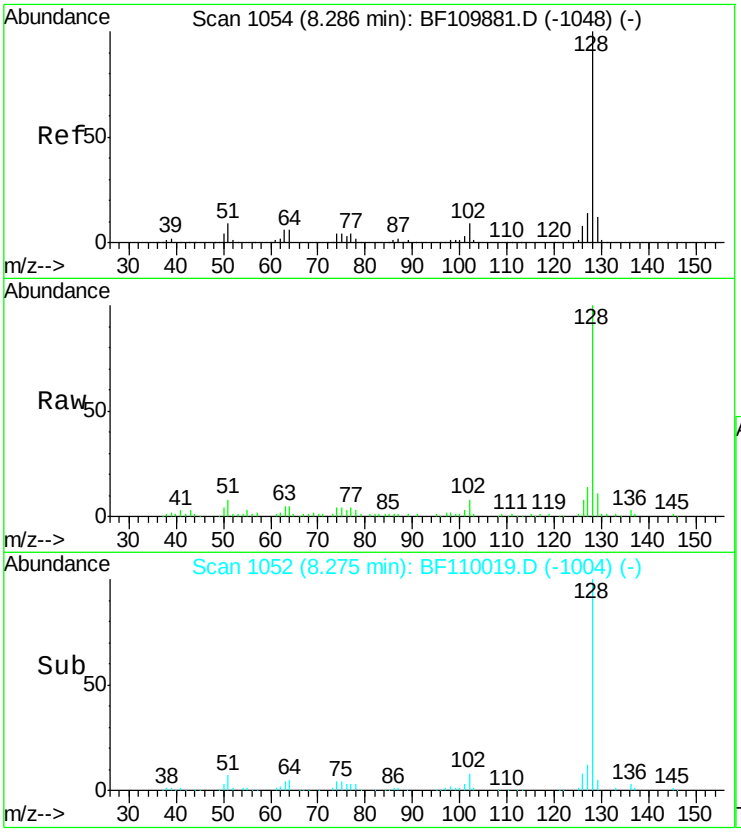


#23
Nitrobenzene-d5
Concen: 37.304 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.02 min
Lab File: BF110019.D
Acq: 19 Oct 2018 22:44

Tgt Ion: 82 Resp: 464749

Ion	Ratio	Lower	Upper
82	100		
128	46.6	34.2	51.2
54	53.0	38.6	58.0

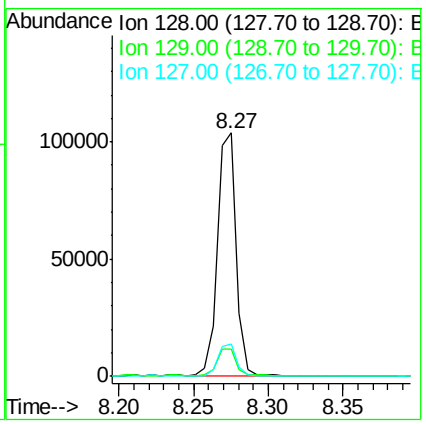




#31
Naphthalene
Concen: 2.395 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.02 min
Lab File: BF110019.D
Acq: 19 Oct 2018 22:44

Tgt Ion:128 Resp: 92160

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.8	13.2
127	13.5	10.8	16.2



Instrument :
BNA_F
ClientSampleId :
JC-02-101818-A

Manual Integrations APPROVED
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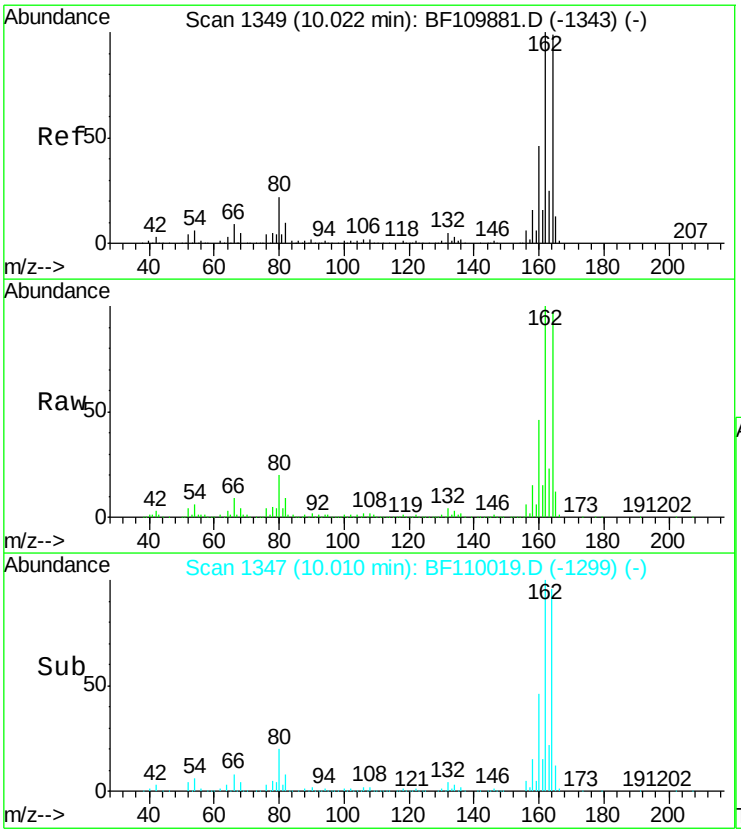
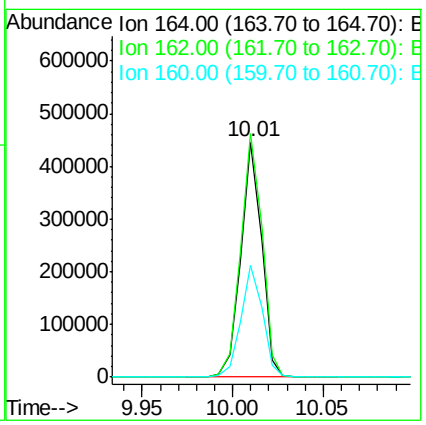
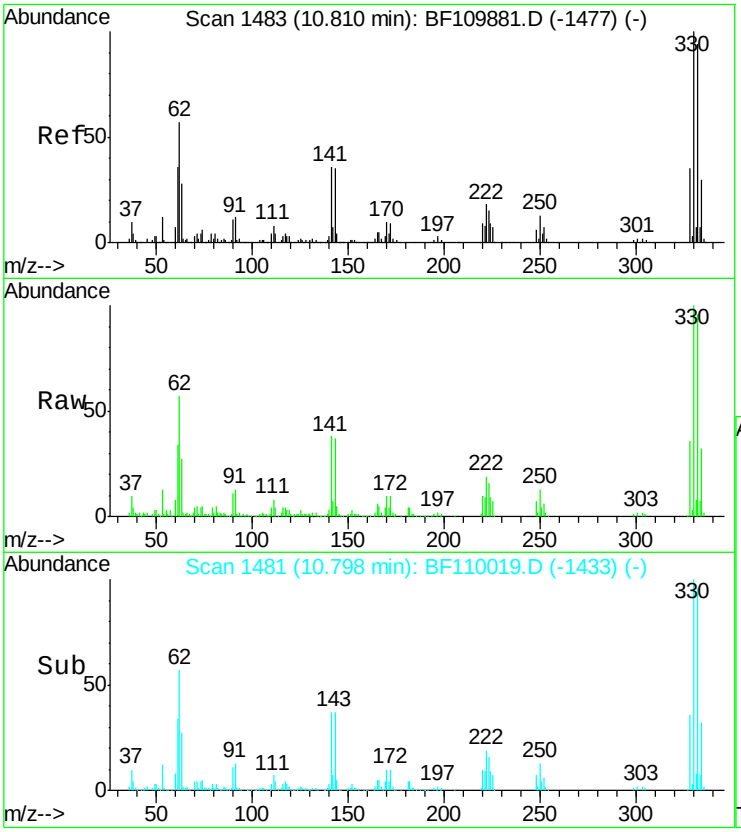


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.02 min
Lab File: BF110019.D
Acq: 19 Oct 2018 22:44

Tgt Ion:164 Resp: 355331

Ion	Ratio	Lower	Upper
164	100		
162	103.5	83.0	124.6
160	47.8	37.0	55.6

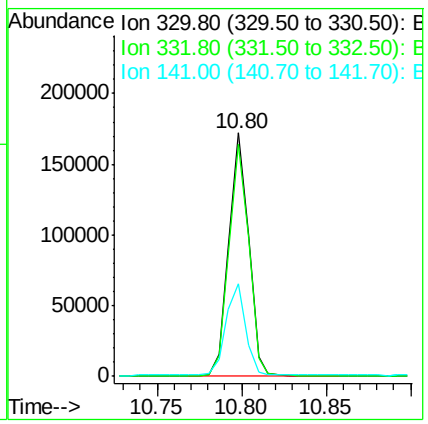




#42
2,4,6-Tribromophenol
Concen: 45.846 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.02 min
Lab File: BF110019.D
Acq: 19 Oct 2018 22:44

Tgt Ion:330 Resp: 141039

Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.1	115.7
141	37.6	27.0	40.4



Instrument :
BNA_F
ClientSampleId :
JC-02-101818-A

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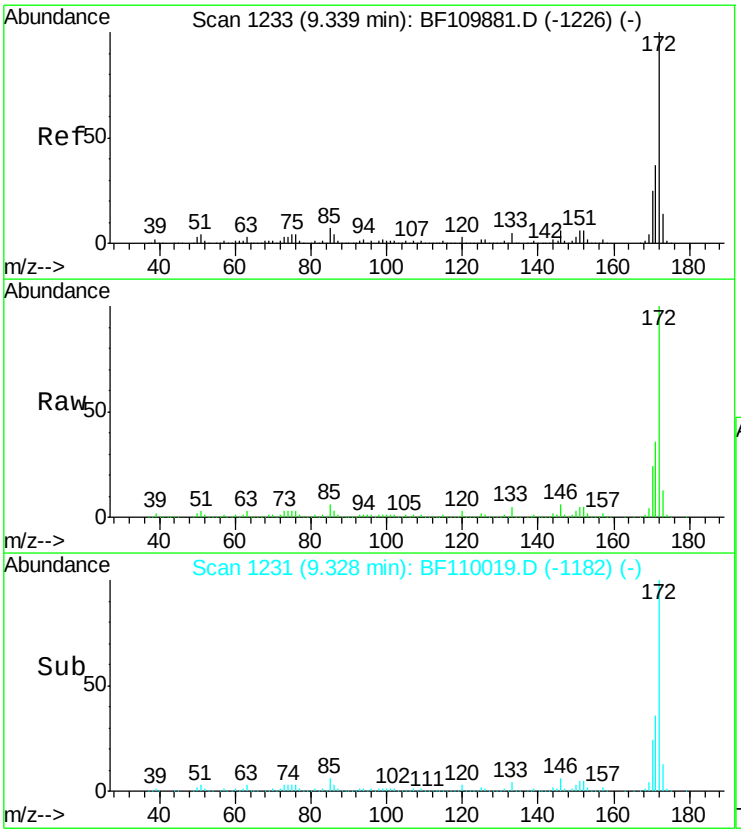
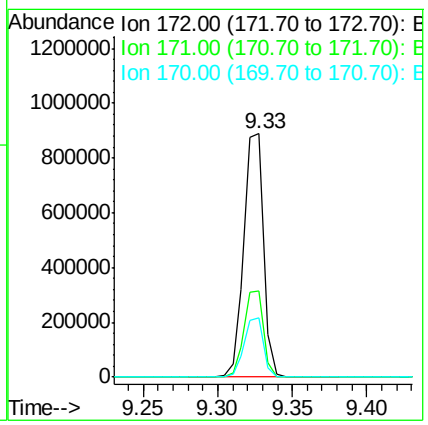
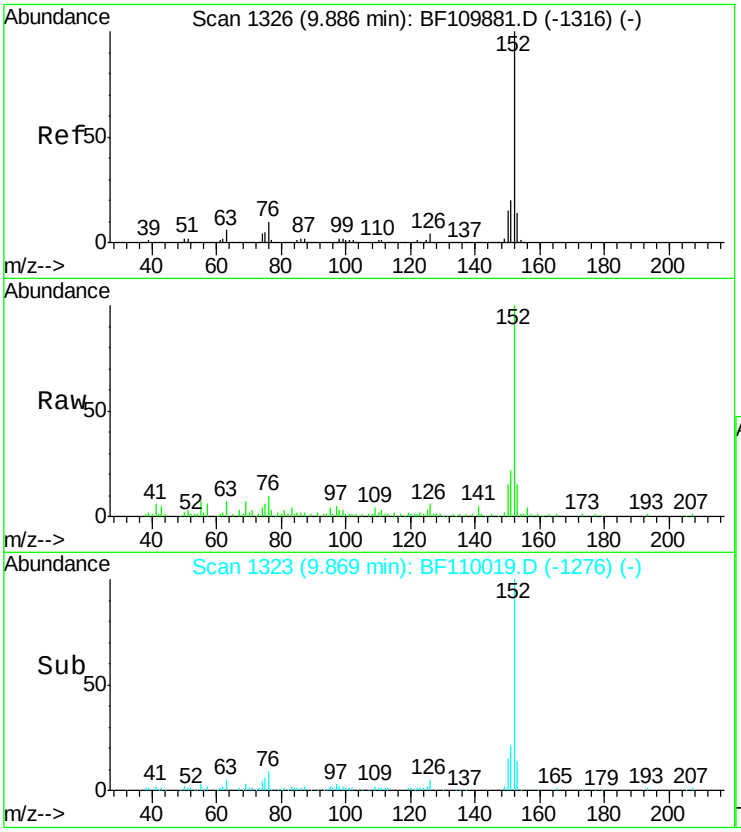


#45
2-Fluorobiphenyl
Concen: 36.664 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF110019.D
Acq: 19 Oct 2018 22:44

Tgt Ion:172 Resp: 816456

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.6	43.0
170	24.2	19.7	29.5

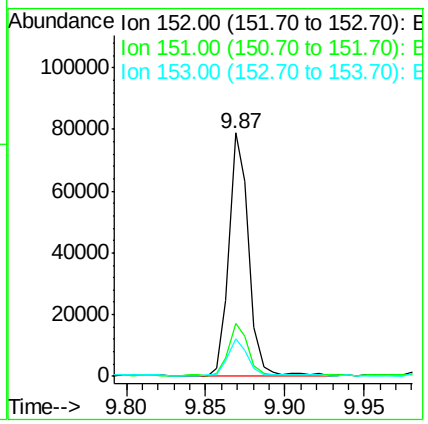




#49
Acenaphthylene
Concen: 2.029 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF110019.D
Acq: 19 Oct 2018 22:44

Tgt Ion:152 Resp: 68742

Ion	Ratio	Lower	Upper
152	100		
151	21.7	15.8	23.8
153	15.2	10.4	15.6



Instrument :
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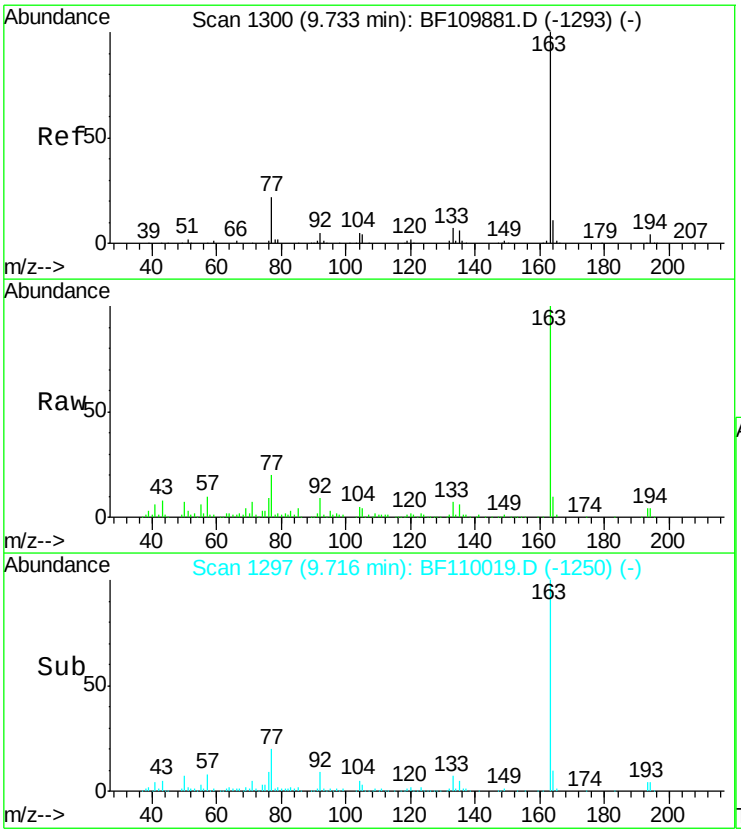
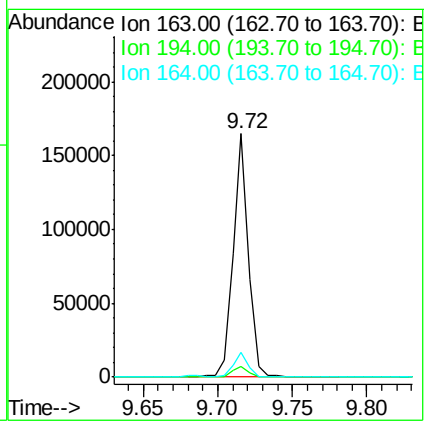
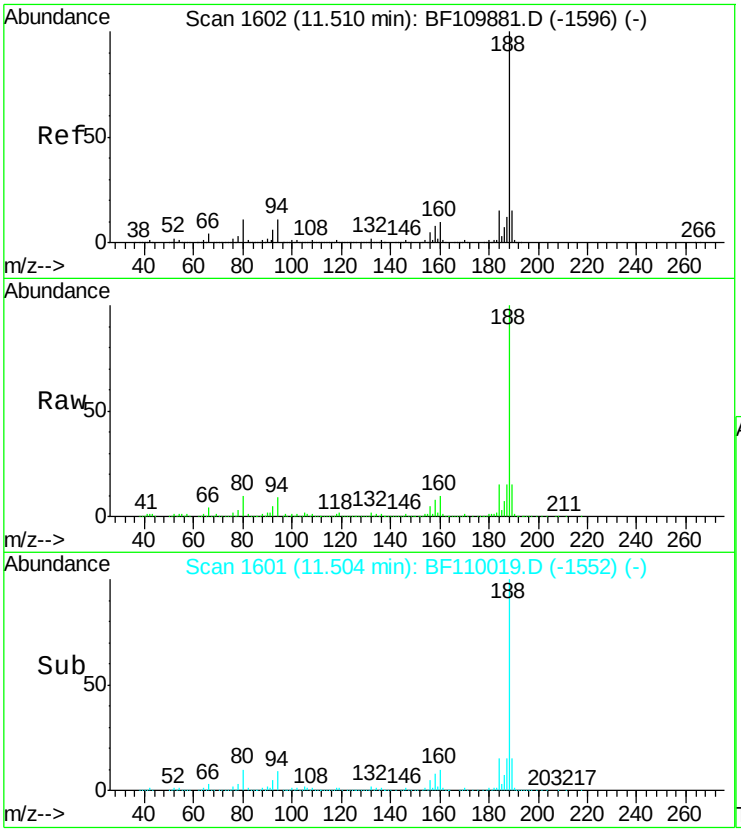


#50
Dimethylphthalate
Concen: 4.797 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF110019.D
Acq: 19 Oct 2018 22:44

Tgt Ion:163 Resp: 120695

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.2	4.8
164	10.1	8.1	12.1

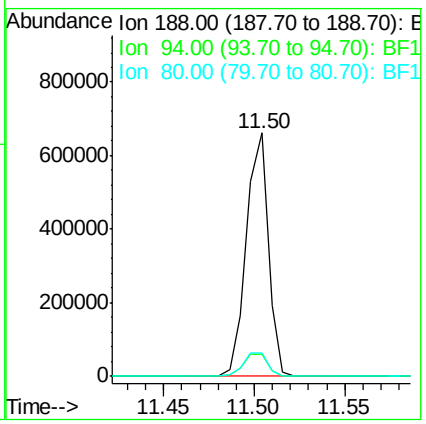




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110019.D
Acq: 19 Oct 2018 22:44

Tgt Ion:188 Resp: 560452

Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.2	10.8
80	9.6	7.9	11.9



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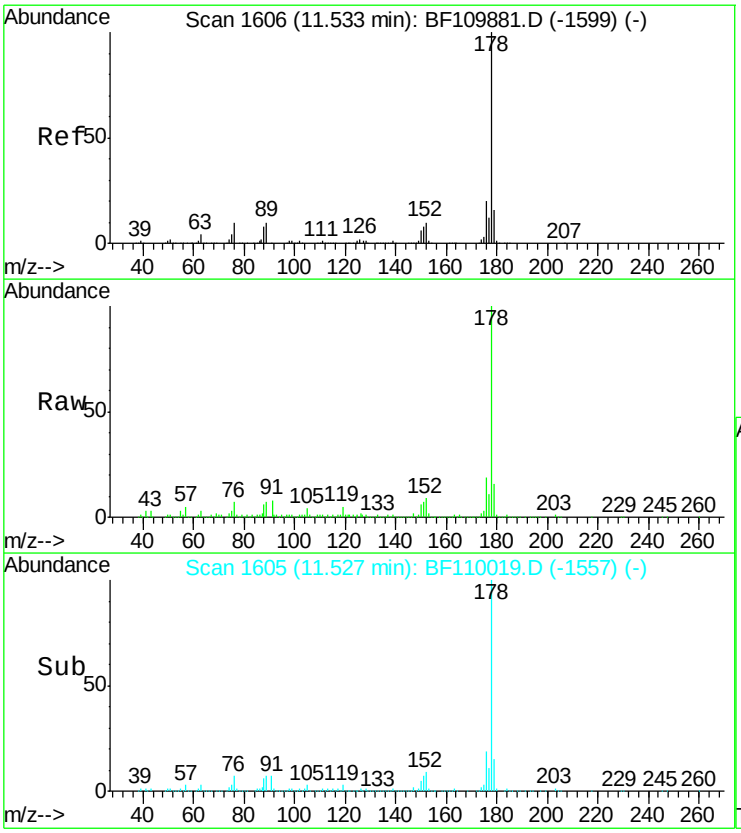
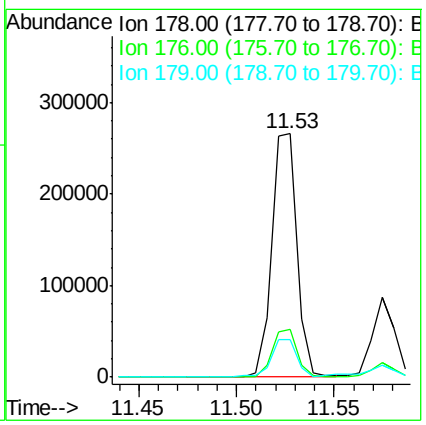
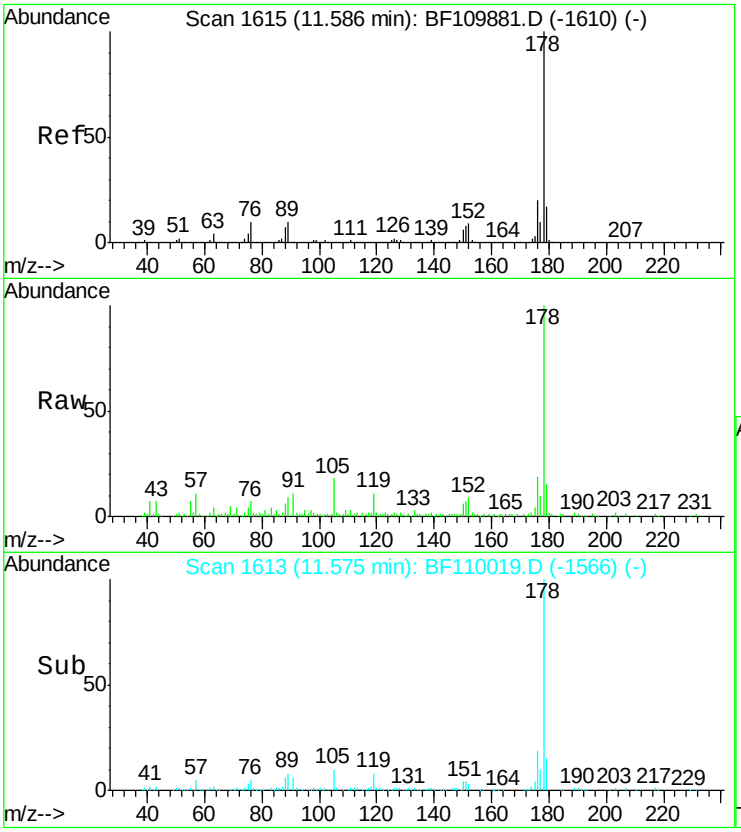


#71
Phenanthrene
Concen: 8.201 ng
RT: 11.53 min Scan# 1605
Delta R.T. -0.02 min
Lab File: BF110019.D
Acq: 19 Oct 2018 22:44

Tgt Ion:178 Resp: 237952

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.5	23.3
179	15.6	12.5	18.7

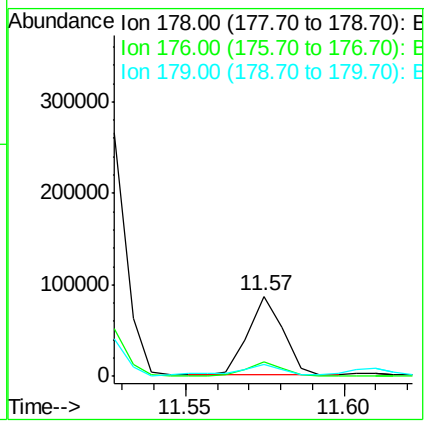




#72
Anthracene
Concen: 2.302 ng
RT: 11.57 min Scan# 1613
Delta R.T. -0.02 min
Lab File: BF110019.D
Acq: 19 Oct 2018 22:44

Tgt Ion:178 Resp: 67150

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.2
179	15.5	12.6	18.8



Instrument :
BNA_F
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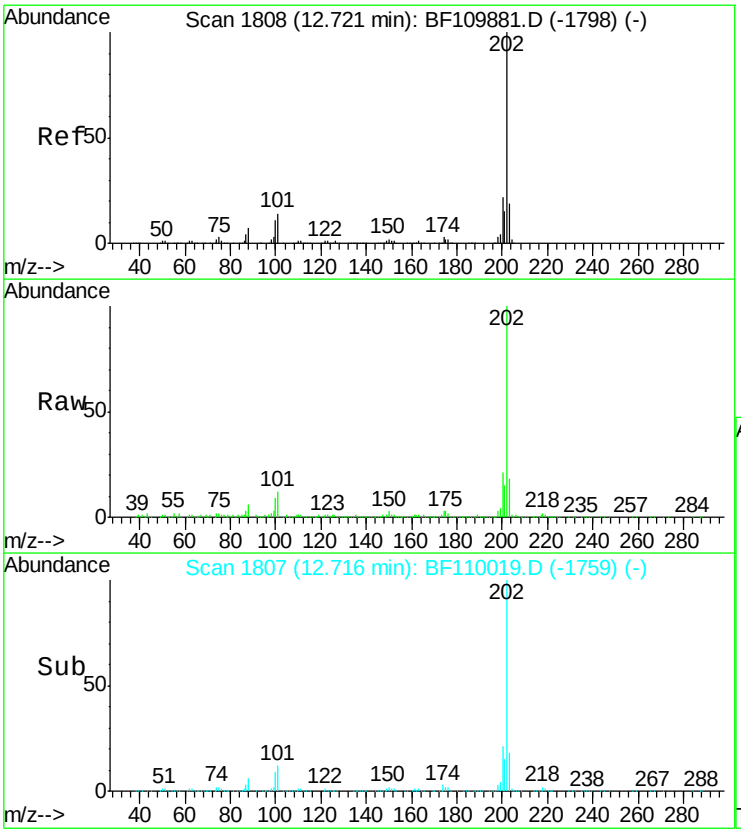
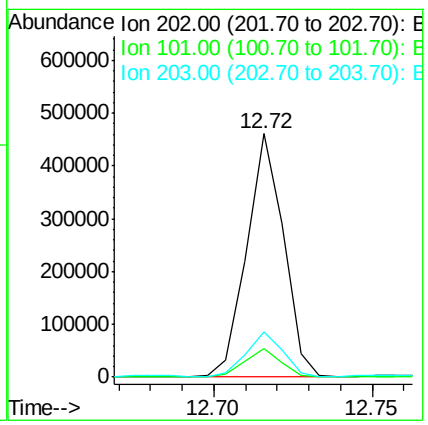
Sohil
10/22/2018 2:55:44 PM

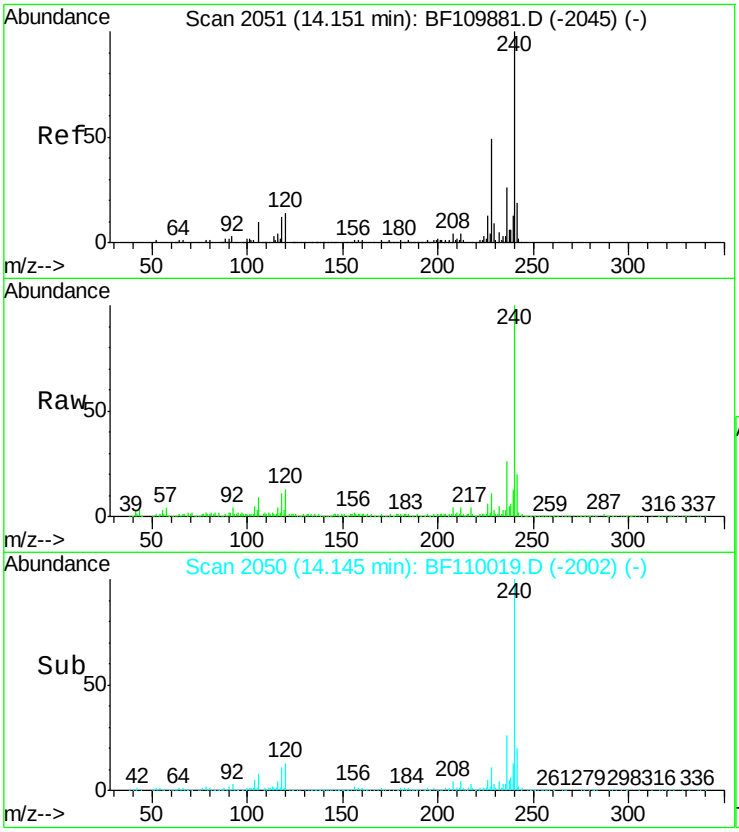


#75
Fluoranthene
Concen: 12.802 ng
RT: 12.72 min Scan# 1807
Delta R.T. -0.02 min
Lab File: BF110019.D
Acq: 19 Oct 2018 22:44

Tgt Ion:202 Resp: 371082

Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	31.4
203	18.4	0.0	37.7

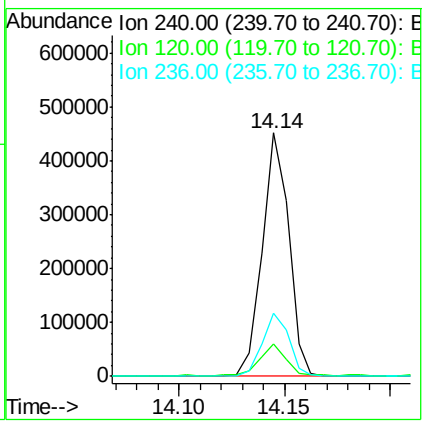




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.02 min
Lab File: BF110019.D
Acq: 19 Oct 2018 22:44

Tgt Ion:240 Resp: 394477

Ion	Ratio	Lower	Upper
240	100		
120	13.2	8.3	12.5#
236	26.1	21.2	31.8



Instrument :
BNA_F
ClientSampleId :
JC-02-101818-A

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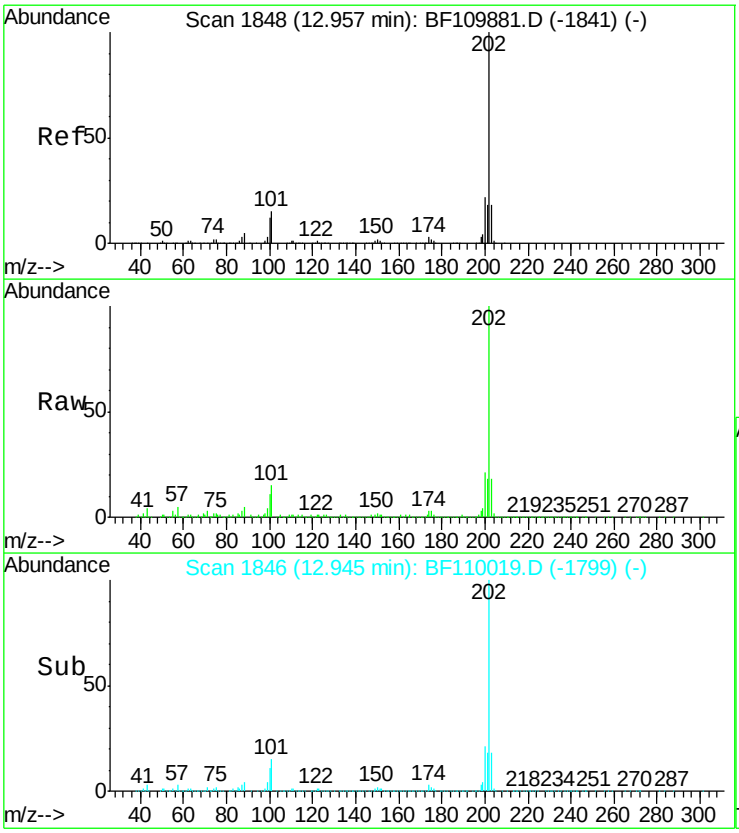
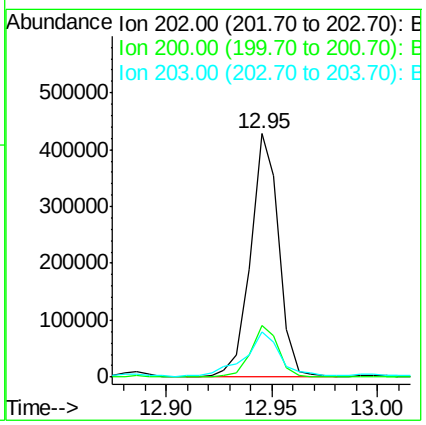
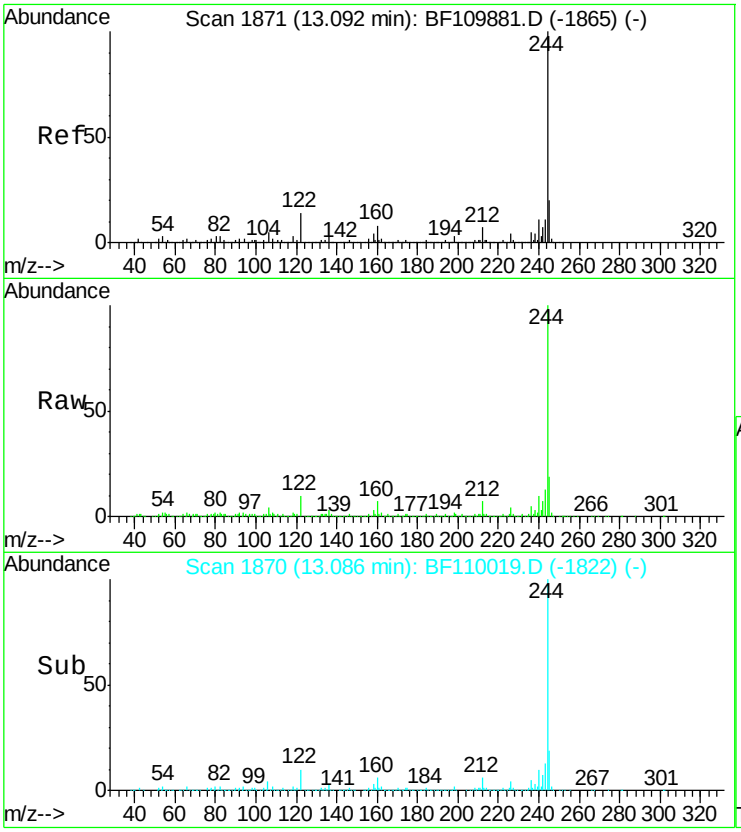


#78
Pyrene
Concen: 13.613 ng
RT: 12.95 min Scan# 1846
Delta R.T. -0.02 min
Lab File: BF110019.D
Acq: 19 Oct 2018 22:44

Tgt Ion:202 Resp: 394398

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.8	26.6
203	18.4	14.2	21.4

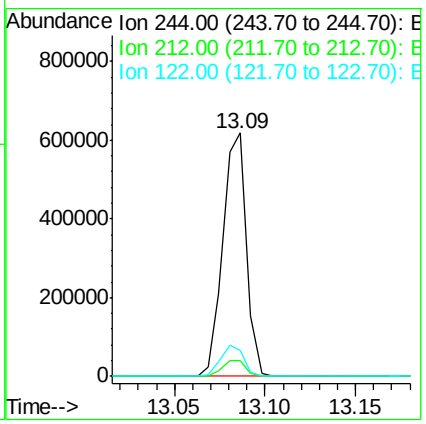




#79
Terphenyl-d14
Concen: 29.859 ng
RT: 13.09 min Scan# 1870
Delta R.T. -0.02 min
Lab File: BF110019.D
Acq: 19 Oct 2018 22:44

Tgt Ion:244 Resp: 560912

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.8	8.8
122	10.5	8.7	13.1



Instrument :
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ClientSampleId :
JC-02-101818-A

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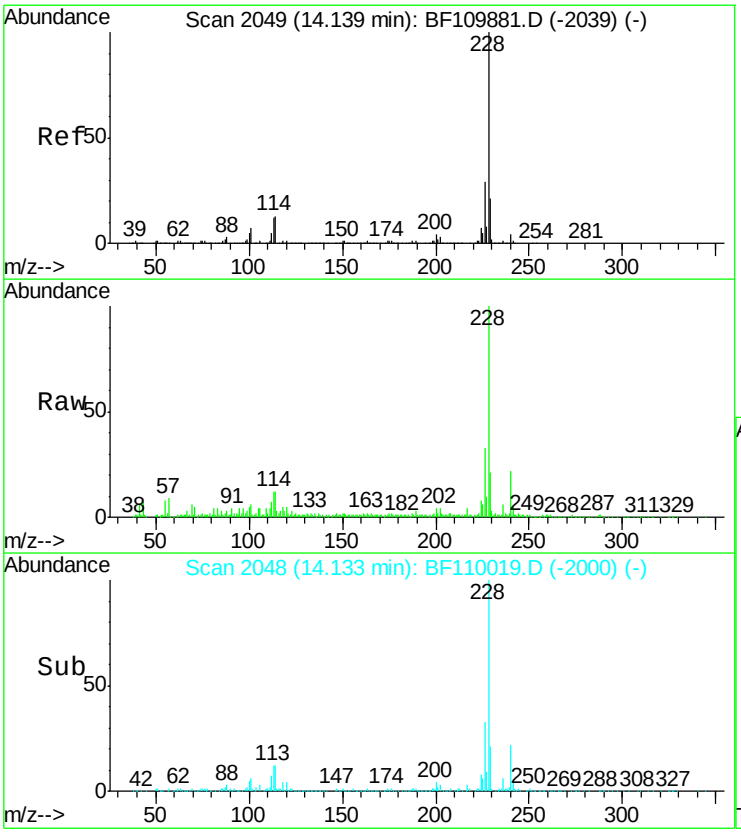
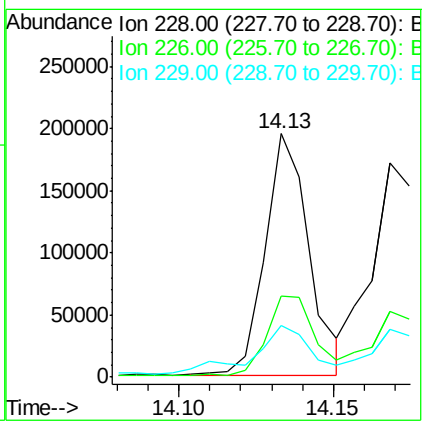
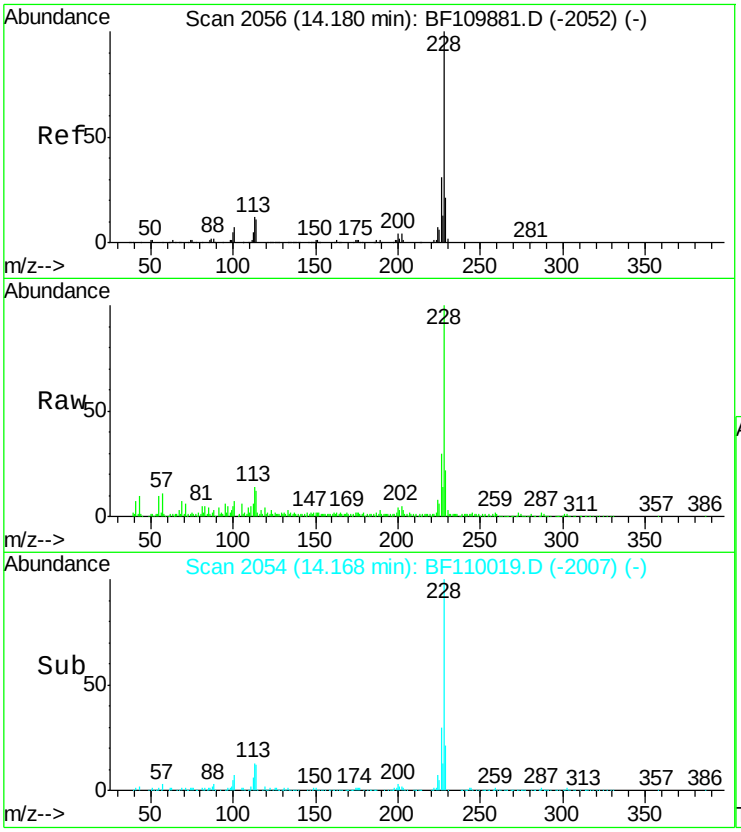


#81
Benzo(a)anthracene
Concen: 8.281 ng m
RT: 14.13 min Scan# 2048
Delta R.T. -0.02 min
Lab File: BF110019.D
Acq: 19 Oct 2018 22:44

Tgt Ion:228 Resp: 192407

Ion	Ratio	Lower	Upper
228	100		
226	33.5	22.1	33.1#
229	21.5	15.6	23.4

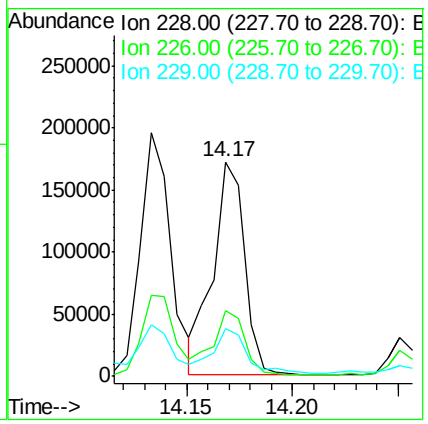




#83
Chrysene
Concen: 8.073 ng
RT: 14.17 min Scan# 2054
Delta R.T. -0.02 min
Lab File: BF110019.D
Acq: 19 Oct 2018 22:44

Tgt Ion:228 Resp: 178547

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.7	37.1
229	22.2	15.9	23.9



Instrument :
BNA_F
ClientSampleId :
JC-02-101818-A

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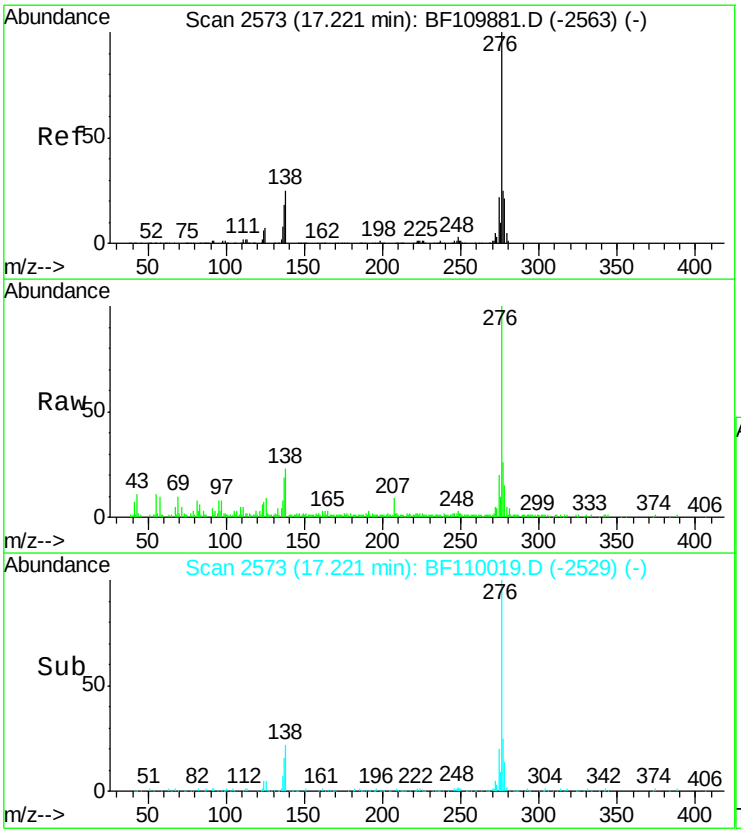
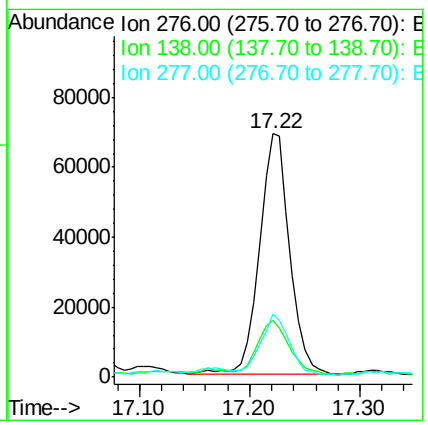
10/22/2018 2:55:44 PM

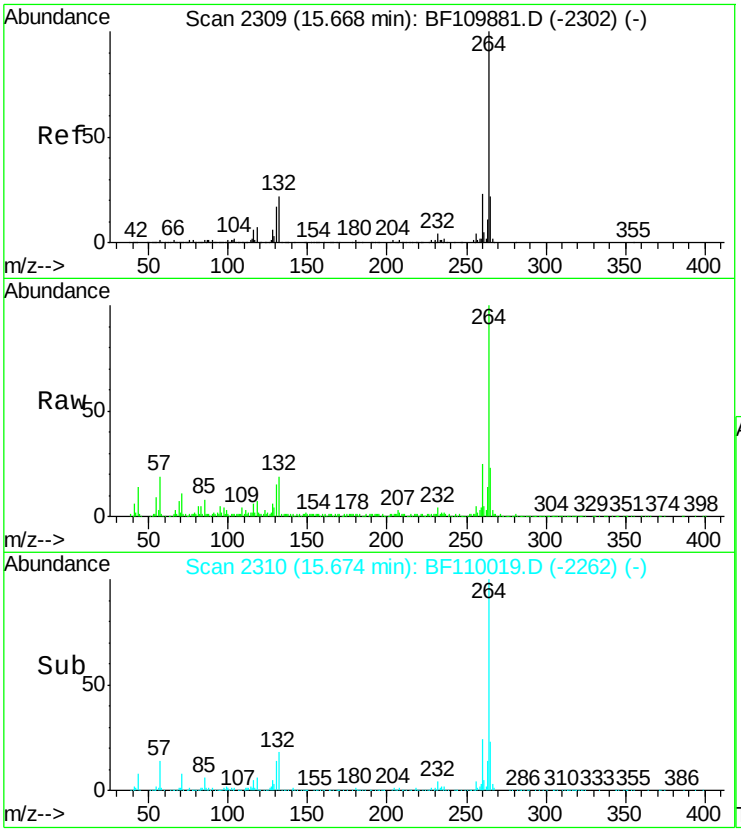


#86
Indeno(1,2,3-cd)pyrene
Concen: 7.387 ng
RT: 17.22 min Scan# 2573
Delta R.T. -0.04 min
Lab File: BF110019.D
Acq: 19 Oct 2018 22:44

Tgt Ion:276 Resp: 131540

Ion	Ratio	Lower	Upper
276	100		
138	24.4	18.5	27.7
277	23.8	20.0	30.0

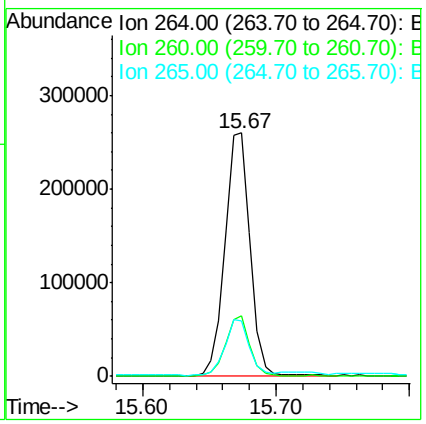




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2310
Delta R.T. -0.02 min
Lab File: BF110019.D
Acq: 19 Oct 2018 22:44

Tgt Ion:264 Resp: 341850

Ion	Ratio	Lower	Upper
264	100		
260	24.8	18.7	28.1
265	23.0	16.7	25.1



Instrument :
BNA_F
ClientSampleId :
JC-02-101818-A

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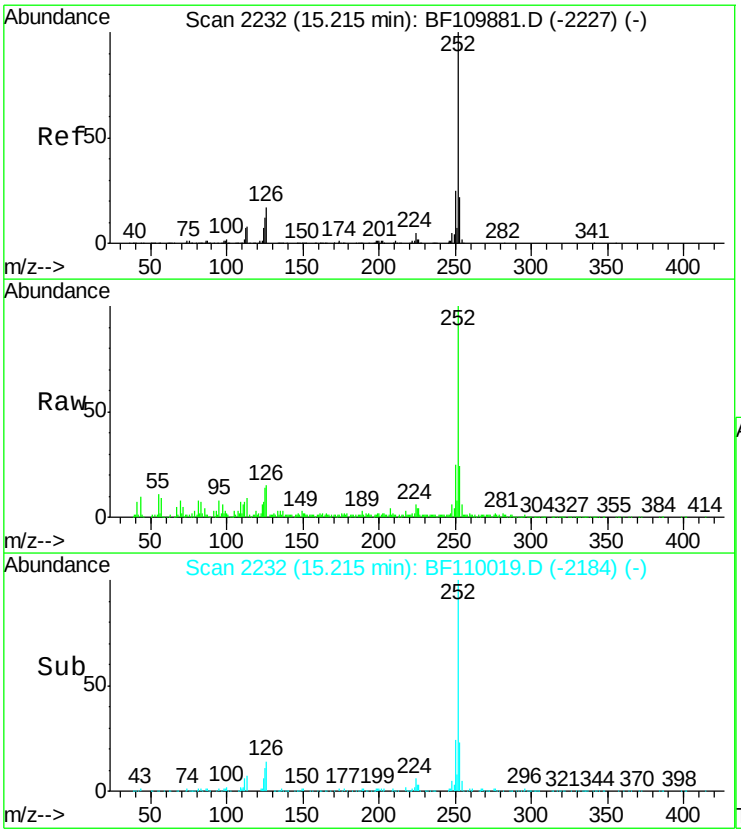
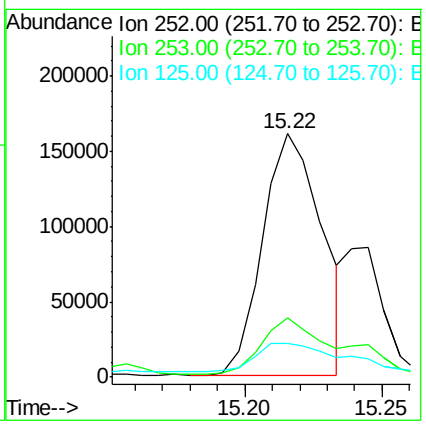
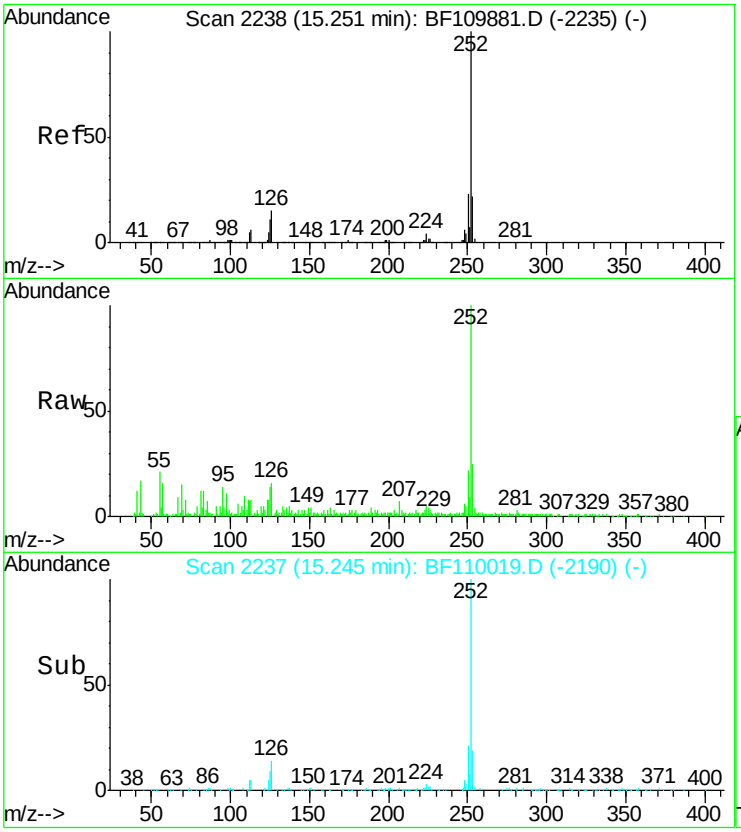


#88
Benzo(b)fluoranthene
Concen: 12.264 ng m
RT: 15.22 min Scan# 2232
Delta R.T. -0.02 min
Lab File: BF110019.D
Acq: 19 Oct 2018 22:44

Tgt Ion:252 Resp: 241701

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.2	25.8
125	14.0	8.2	12.4#





#89
Benzo(k)fluoranthene
Concen: 4.210 ng m
RT: 15.24 min Scan# 2237
Delta R.T. -0.02 min
Lab File: BF110019.D
Acq: 19 Oct 2018 22:44

Tgt Ion:252 Resp: 81775

Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.2	25.8
125	14.0	7.4	11.0#

Instrument :
BNA_F
ClientSampleId :
JC-02-101818-A

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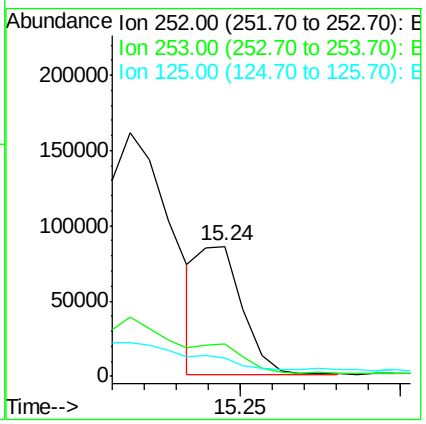
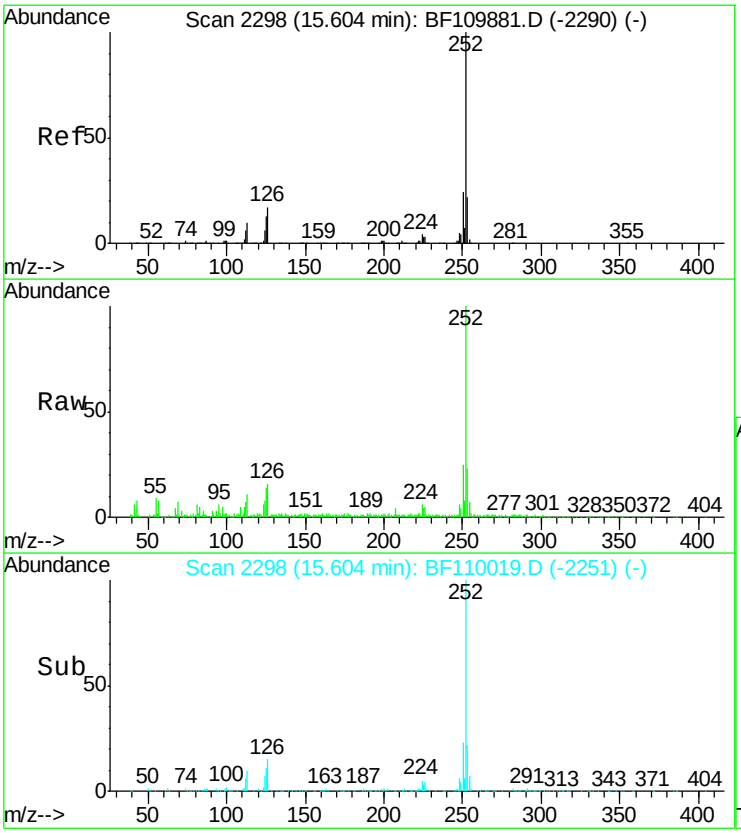
10/22/2018 2:55:44 PM

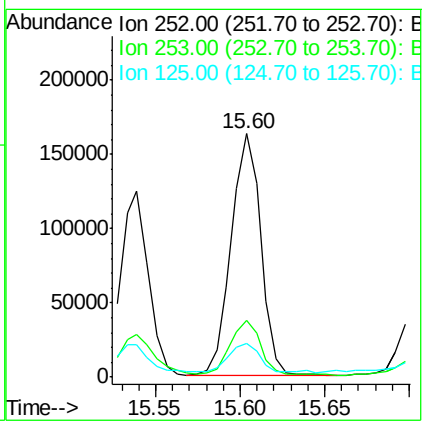


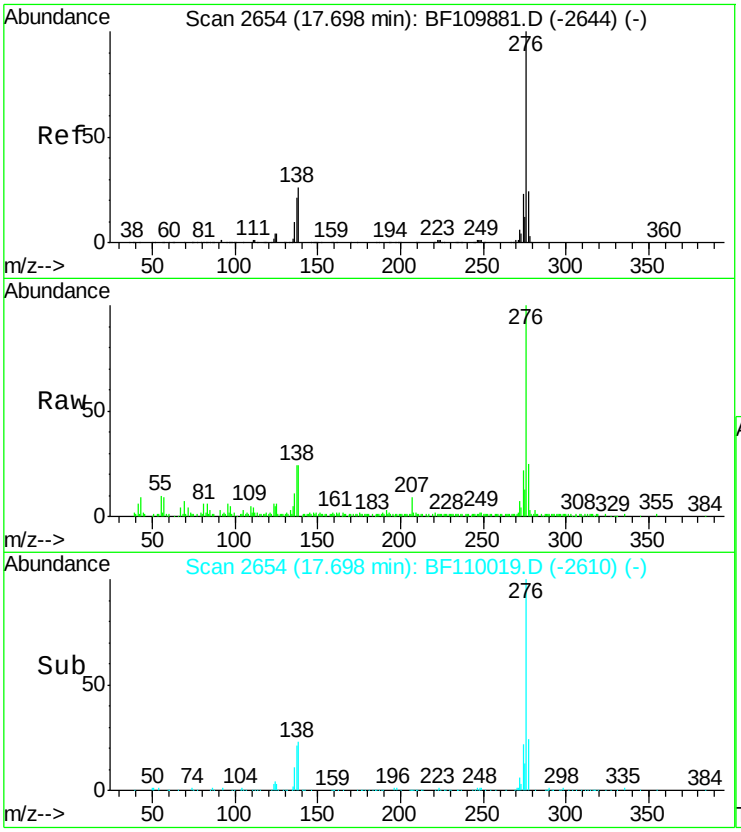


#90
Benzo(a)pyrene
Concen: 11.044 ng
RT: 15.60 min Scan# 2298
Delta R.T. -0.02 min
Lab File: BF110019.D
Acq: 19 Oct 2018 22:44

Tgt Ion:252 Resp: 200179

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.2	27.4
125	14.1	9.0	13.6#

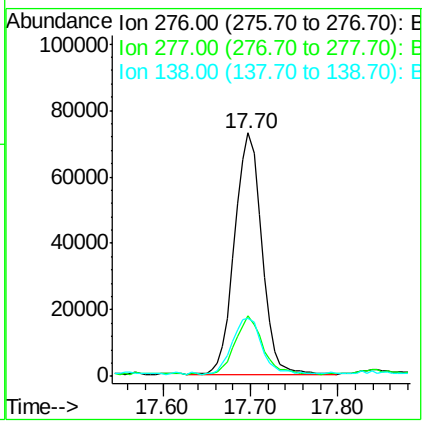




#92
Benzo(g,h,i)perylene
Concen: 9.485 ng
RT: 17.70 min Scan# 2654
Delta R.T. -0.04 min
Lab File: BF110019.D
Acq: 19 Oct 2018 22:44

Tgt Ion:276 Resp: 153949

Ion	Ratio	Lower	Upper
276	100		
277	25.1	18.8	28.2
138	23.8	16.0	24.0



Instrument :
BNA_F
ClientSampleId :
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