Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070518\

Quantitation Report (LSC Reviewed)

Data File : BF107125.D
Acq On : 5 Jul 2018 14:29
Operator : JU/SJ
Sample : J3853-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B1-A

Manual Integrations APPROVED
Sohil
7/6/2018 8:45:11 AM

Quant Time: Jul 13 05:43:47 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 29 14:38:29 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	57174	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	223913	20.00	ng		-0.01
38) Acenaphthene-d10	10.00	164	110074	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	182811	20.00	ng		0.00
75) Chrysene-d12	14.15	240	118091	20.00	ng		-0.01
86) Perylene-d12	15.69	264	108913	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	289213	85.66	ng		0.00
7) Phenol-d6	6.60	99	363538	86.22	ng		-0.01
23) Nitrobenzene-d5	7.52	82	226948	56.33	ng		-0.02
41) 2,4,6-Tribromophenol	10.80	330	108403	84.97	ng		0.00
44) 2-Fluorobiphenyl	9.31	172	446616	65.25	ng		-0.01
78) Terphenyl-d14	13.08	244	379459	77.84	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	8.26	128	22196	2.120	ng		99
37) 2-Methylnaphthalene	8.95	142	17450	2.515	ng		95
49) Dimethylphthalate	9.70	163	78939	9.562	ng		99
70) Phenanthrene	11.52	178	42013	4.765	ng		99
74) Fluoranthene	12.72	202	66172	6.809	ng		93
77) Pyrene	12.95	202	54518	7.001	ng		97
80) Benzo(a)anthracene	14.14	228	31583	4.388	ng	#	92
82) Chrysene	14.18	228	39841	6.017	ng	#	95
85) Indeno(1,2,3-cd)pyrene	17.29	276	16472	2.931	ng	#	90
87) Benzo(b)fluoranthene	15.24	252	50968m	7.533	ng		
88) Benzo(k)fluoranthene	15.26	252	16568m	2.572	ng		
91) Benzo(g,h,i)perylene	17.78	276	14836	2.978	ng	#	67

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070518\

Quantitation Report (LSC Reviewed)

Data File : BF107125.D
Acq On : 5 Jul 2018 14:29
Operator : JU/SJ
Sample : J3853-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 13 05:43:47 2018
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
B1-A

Manual Integrations APPROVED
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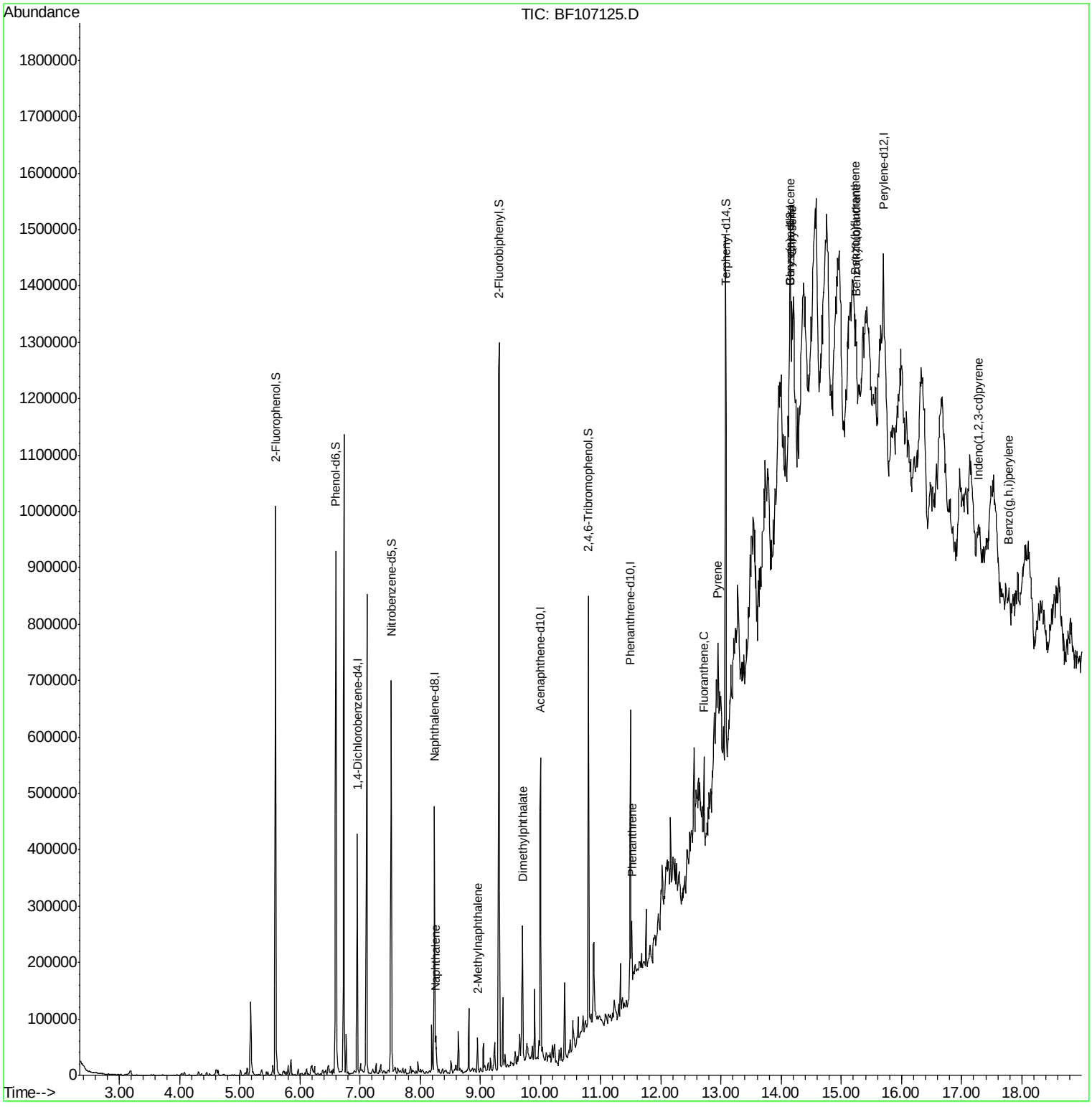
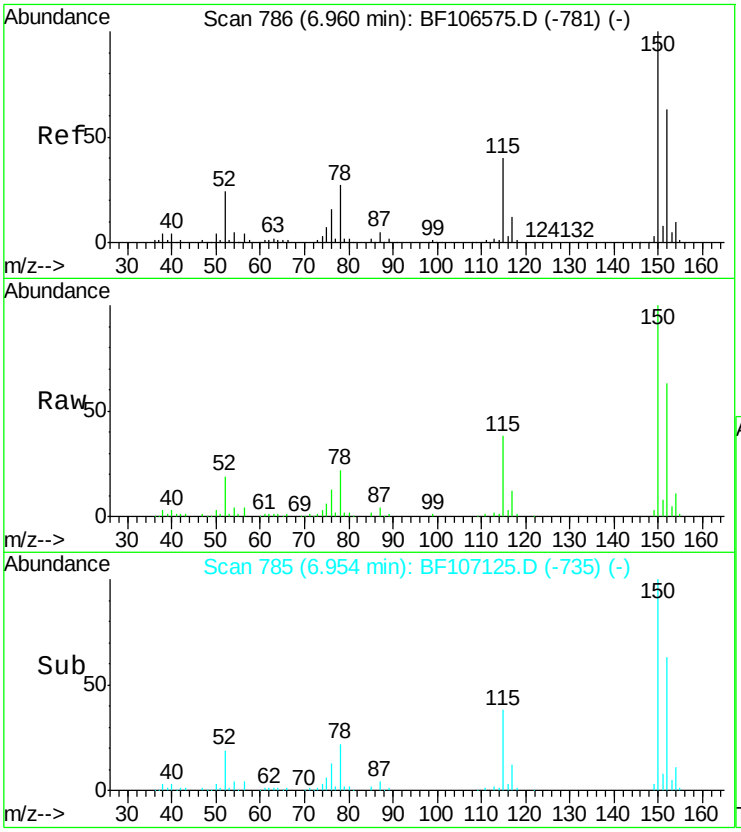
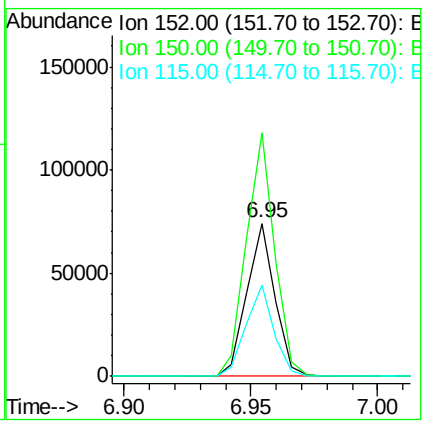




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF107125.D
Acq: 5 Jul 2018 14:29

Tgt Ion:152 Resp: 57174

Ion	Ratio	Lower	Upper
152	100		
150	158.9	124.6	186.8
115	59.6	50.1	75.1



Instrument :
BNA_F
ClientSampleId :
B1-A

Manual Integrations APPROVED
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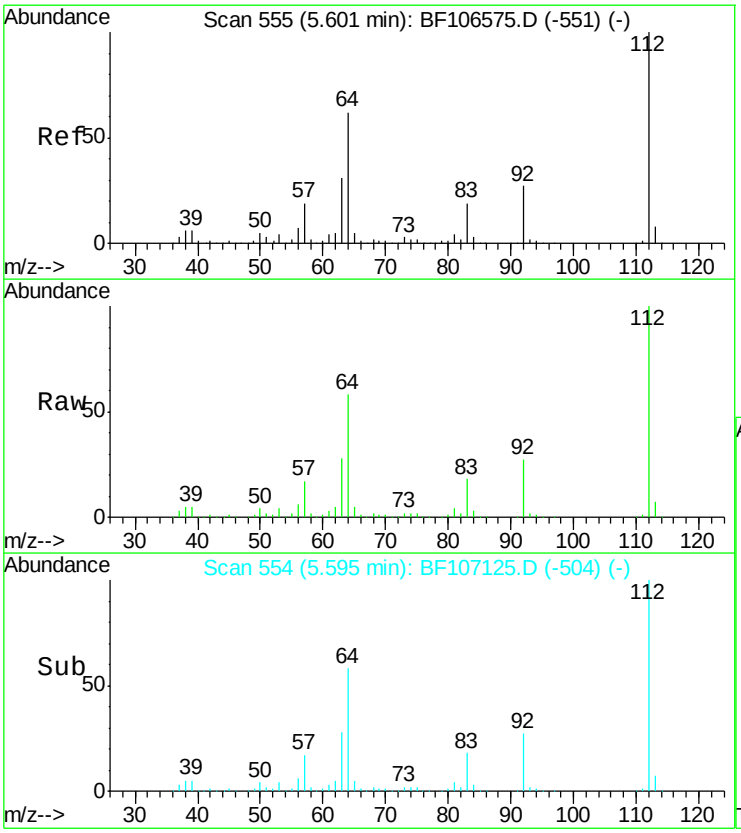
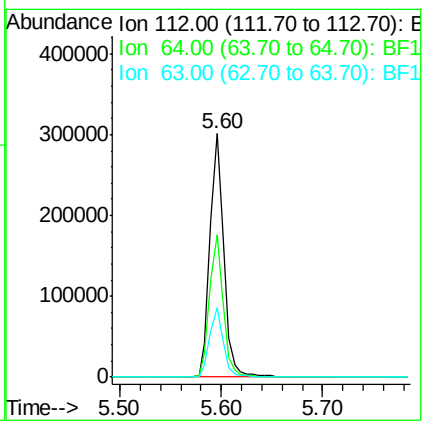
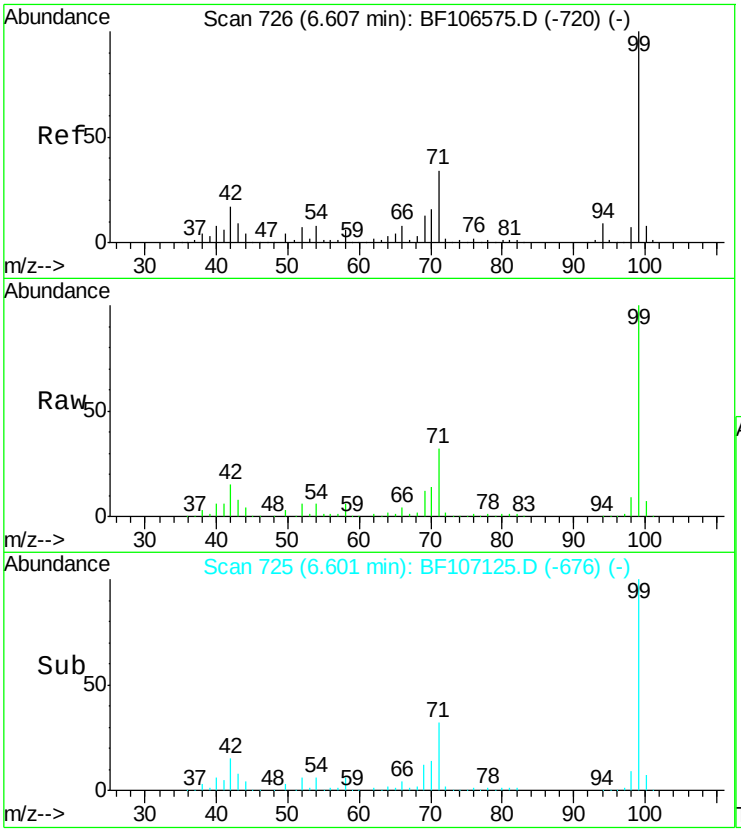


#5
2-Fluorophenol
Concen: 85.656 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF107125.D
Acq: 5 Jul 2018 14:29

Tgt Ion:112 Resp: 289213

Ion	Ratio	Lower	Upper
112	100		
64	58.4	47.9	71.9
63	28.5	23.7	35.5

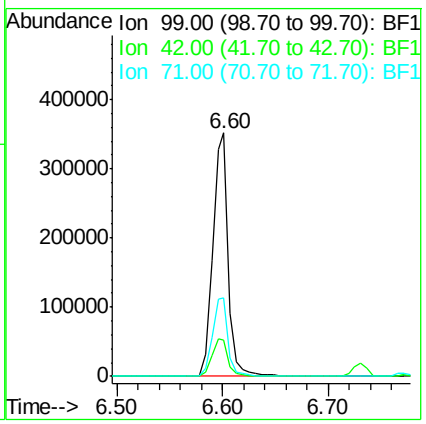




#7
Phenol-d6
Concen: 86.217 ng
RT: 6.60 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF107125.D
Acq: 5 Jul 2018 14:29

Tgt Ion: 99 Resp: 363538

Ion	Ratio	Lower	Upper
99	100		
42	15.0	14.5	21.7
71	32.0	25.4	38.0



Instrument :
BNA_F
ClientSampleId :
B1-A

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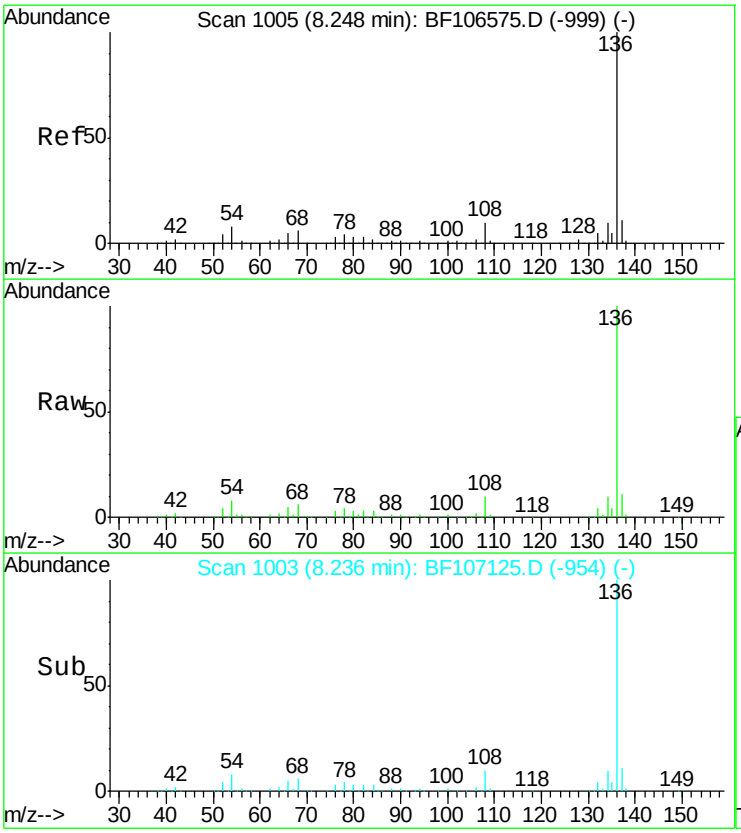
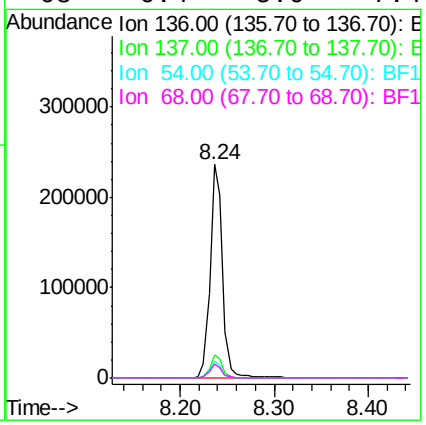
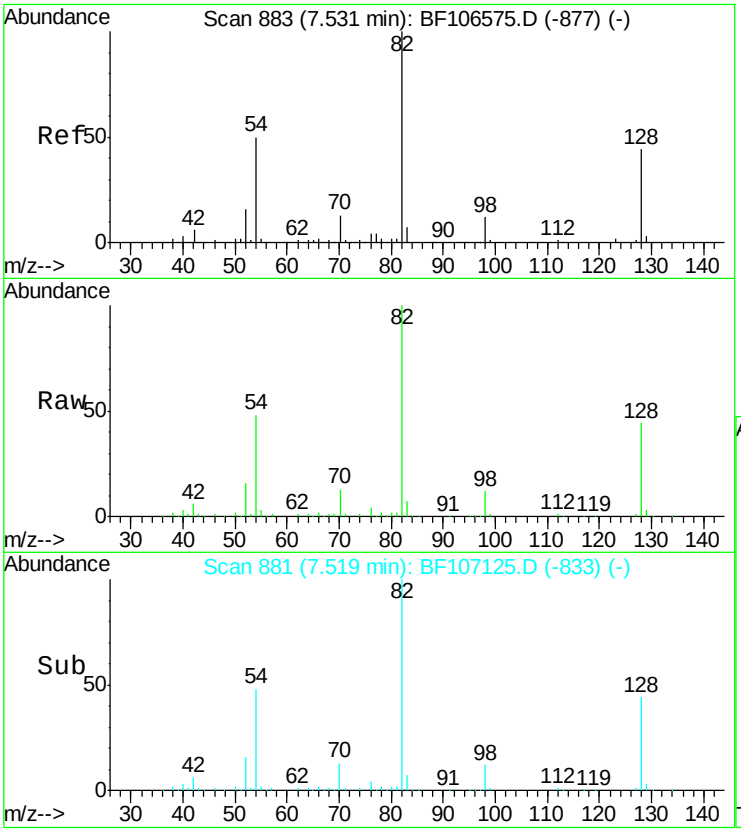


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF107125.D
Acq: 5 Jul 2018 14:29

Tgt Ion:136 Resp: 223913

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	8.0	6.6	9.8
68	6.4	5.0	7.4

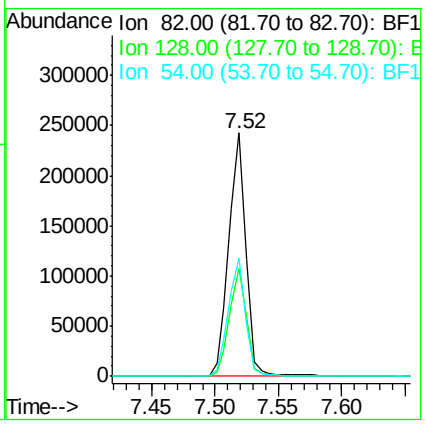




#23
Nitrobenzene-d5
Concen: 56.327 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.02 min
Lab File: BF107125.D
Acq: 5 Jul 2018 14:29

Tgt Ion: 82 Resp: 226948

Ion	Ratio	Lower	Upper
82	100		
128	44.3	36.1	54.1
54	48.3	41.4	62.2



Instrument :
BNA_F
ClientSampleId :
B1-A

Manual Integrations APPROVED
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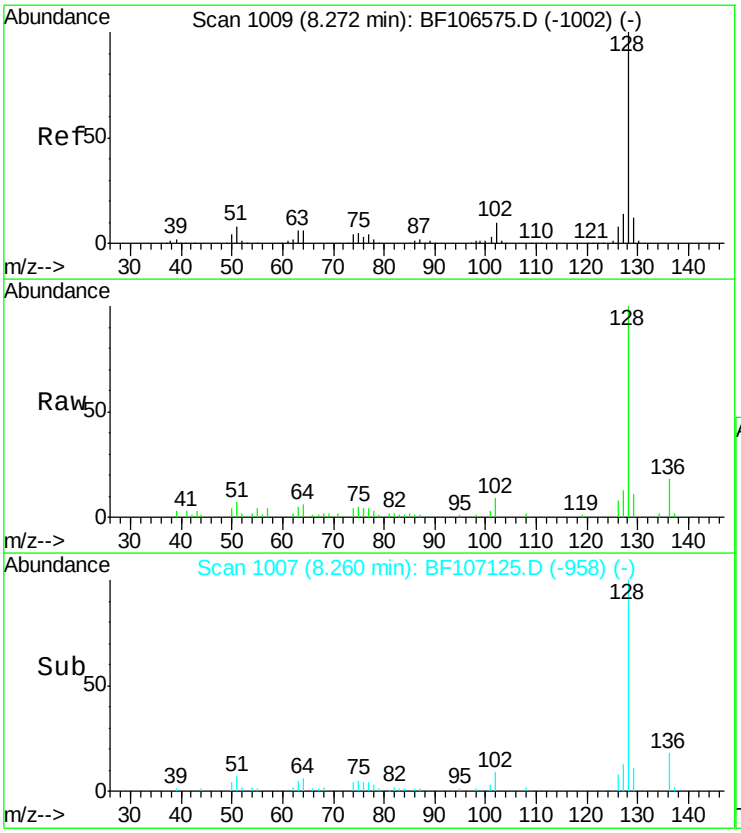
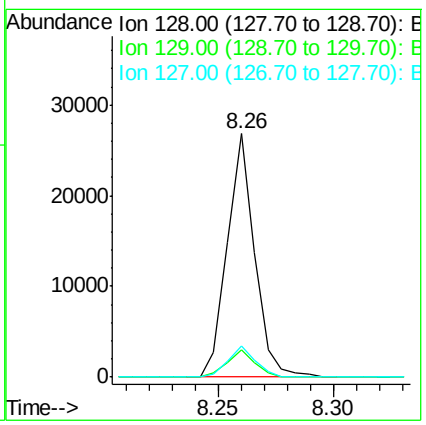
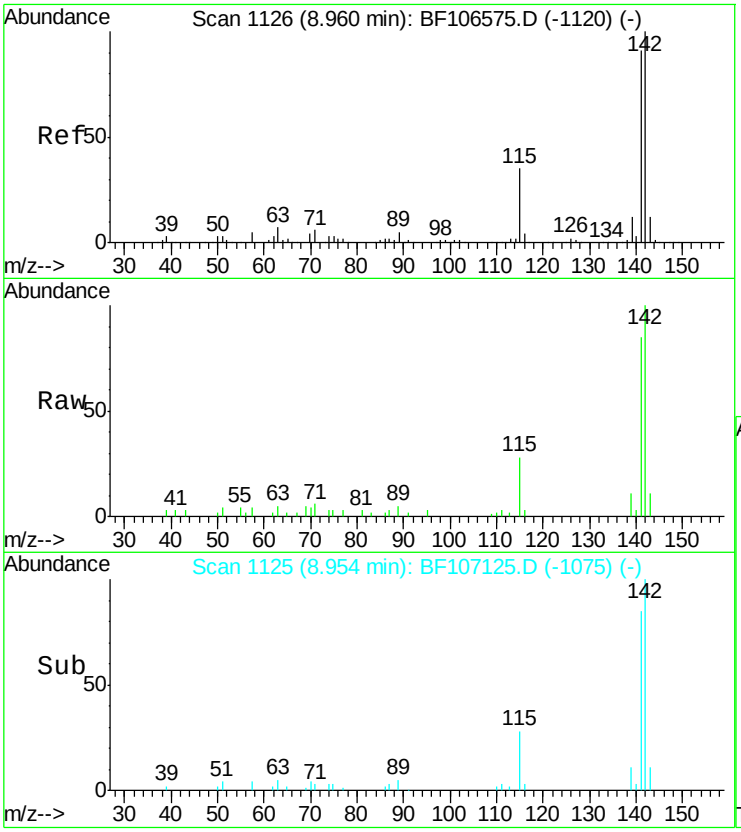


#31
Naphthalene
Concen: 2.120 ng
RT: 8.26 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF107125.D
Acq: 5 Jul 2018 14:29

Tgt Ion:128 Resp: 22196

Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.8	13.2
127	13.0	10.9	16.3

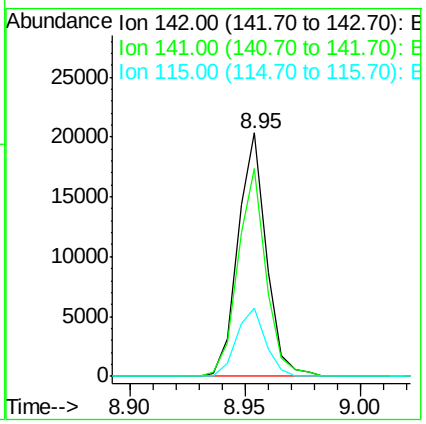




#37
2-Methylnaphthalene
Concen: 2.515 ng
RT: 8.95 min Scan# 1125
Delta R.T. -0.01 min
Lab File: BF107125.D
Acq: 5 Jul 2018 14:29

Tgt Ion:142 Resp: 17450

Ion	Ratio	Lower	Upper
142	100		
141	85.3	70.8	106.2
115	28.2	26.1	39.1



Instrument :
BNA_F
ClientSampleId :
B1-A

Manual Integrations APPROVED
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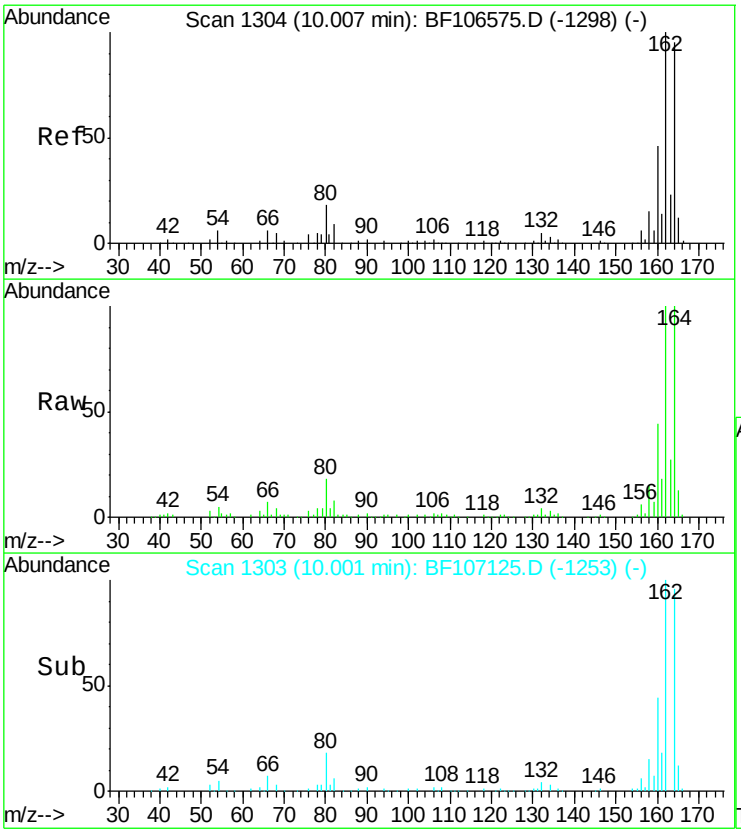
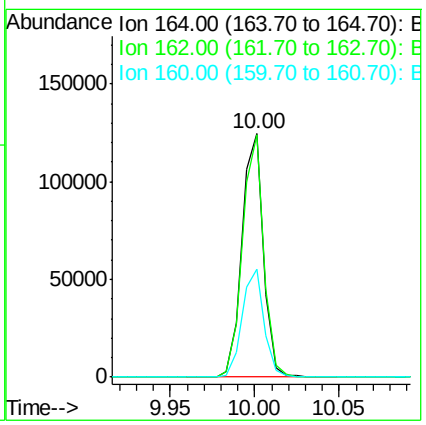
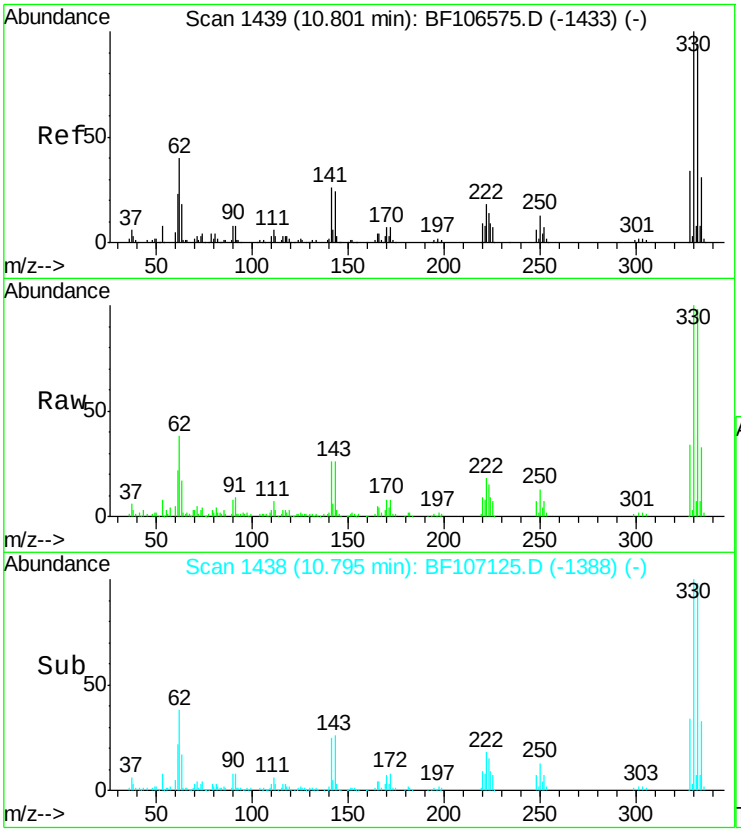


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF107125.D
Acq: 5 Jul 2018 14:29

Tgt Ion:164 Resp: 110074

Ion	Ratio	Lower	Upper
164	100		
162	99.8	86.1	129.1
160	44.2	38.3	57.5





#41
2,4,6-Tribromophenol
Concen: 84.969 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF107125.D
Acq: 5 Jul 2018 14:29

Tgt Ion:330 Resp: 108403

Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.0	115.6
141	23.6	29.9	44.9#

Instrument :
BNA_F
ClientSampleId :
B1-A

Manual Integrations APPROVED
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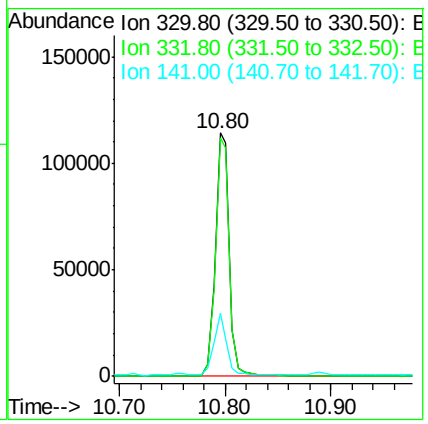
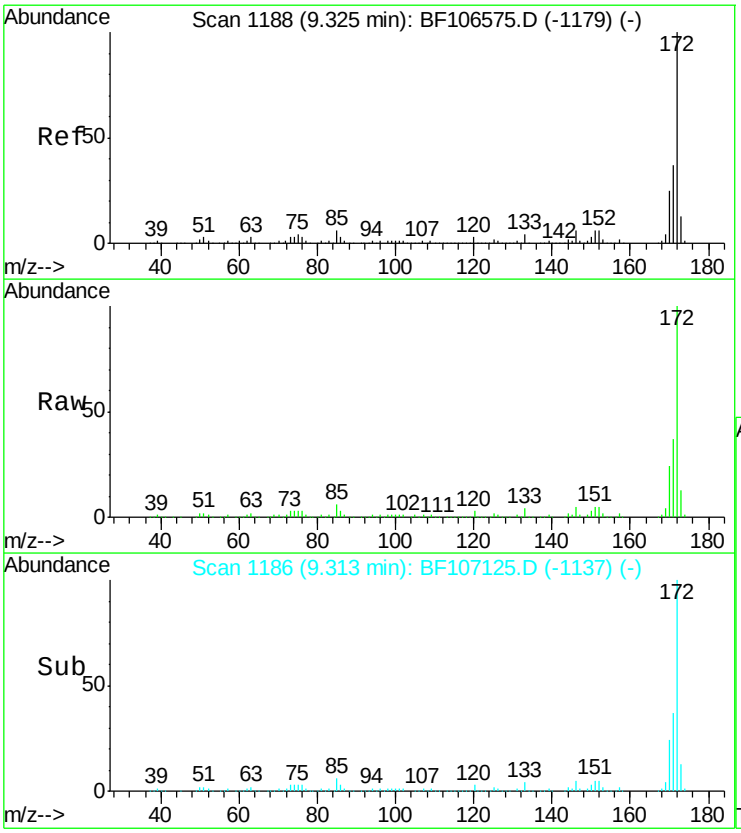
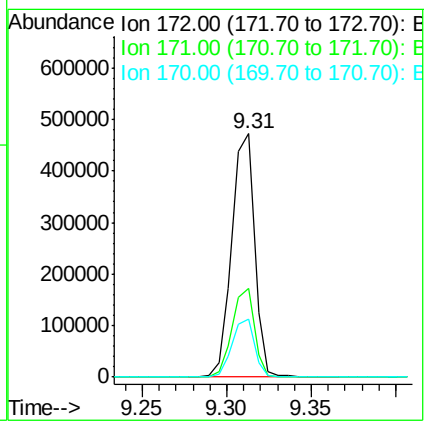


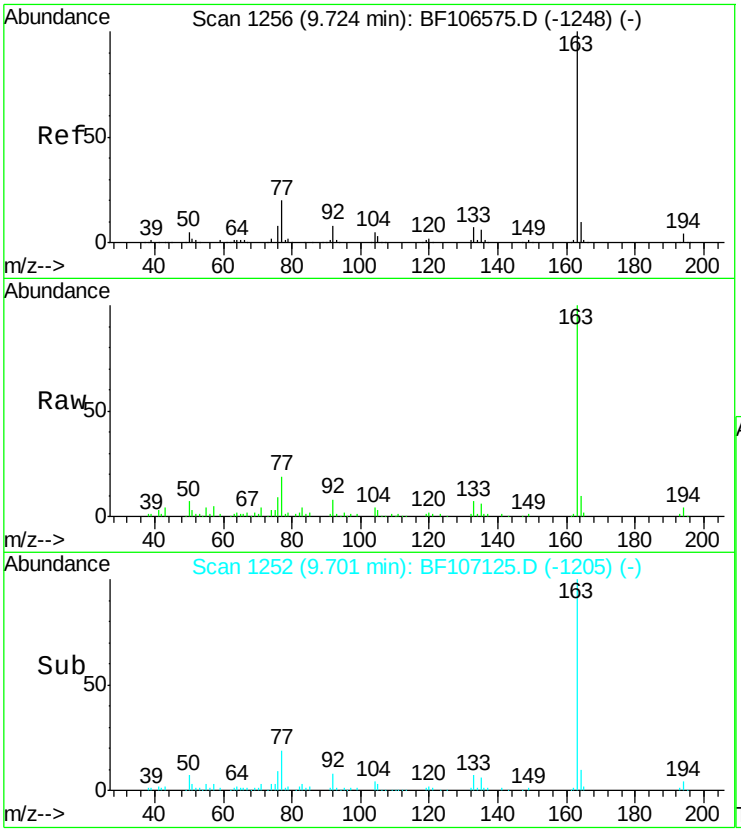


#44
2-Fluorobiphenyl
Concen: 65.249 ng
RT: 9.31 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF107125.D
Acq: 5 Jul 2018 14:29

Tgt Ion:172 Resp: 446616

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	23.7	19.6	29.4

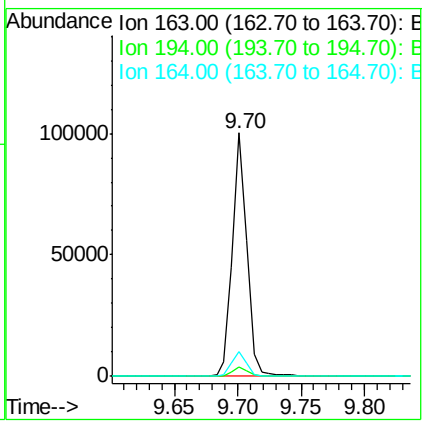




#49
Dimethylphthalate
Concen: 9.562 ng
RT: 9.70 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF107125.D
Acq: 5 Jul 2018 14:29

Tgt Ion:163 Resp: 78939

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	10.3	8.2	12.2



Instrument :
BNA_F
ClientSampleId :
B1-A

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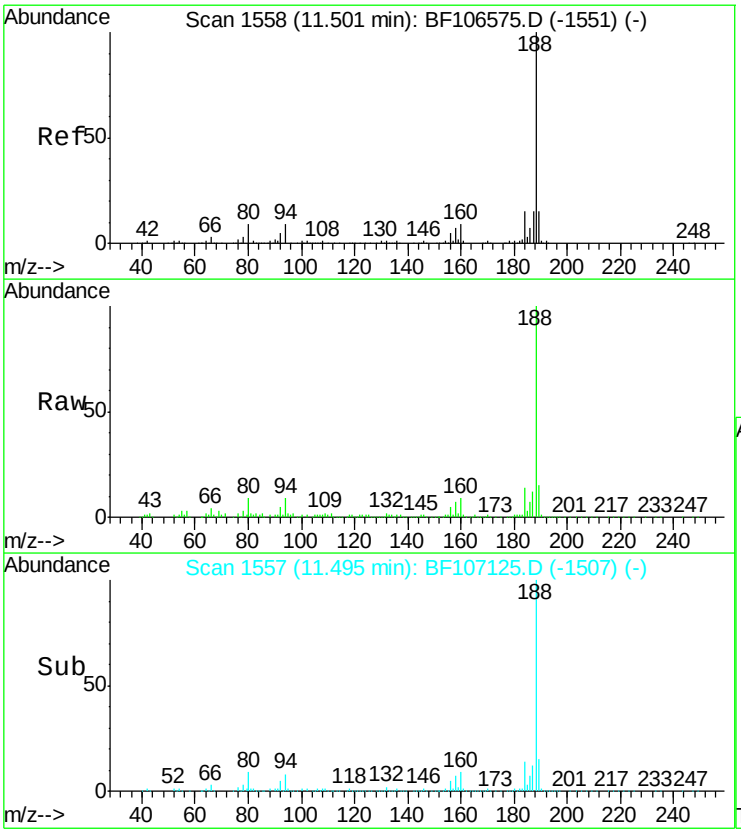
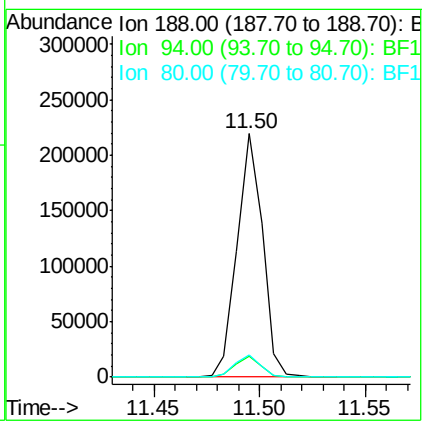
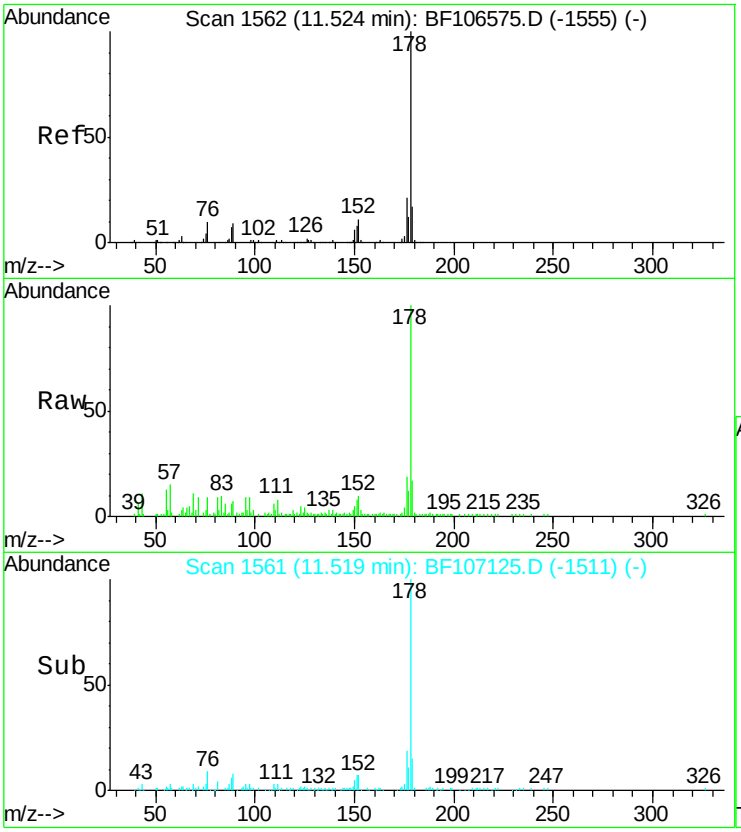


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF107125.D
Acq: 5 Jul 2018 14:29

Tgt Ion:188 Resp: 182811

Ion	Ratio	Lower	Upper
188	100		
94	8.6	8.5	12.7
80	9.2	9.2	13.8

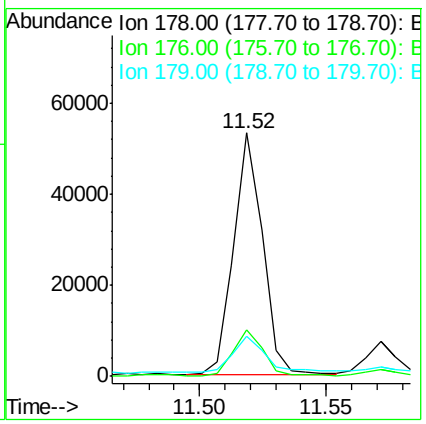




#70
Phenanthrene
Concen: 4.765 ng
RT: 11.52 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF107125.D
Acq: 5 Jul 2018 14:29

Tgt Ion:178 Resp: 42013

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.8	23.8
179	16.6	13.0	19.6



Instrument :
BNA_F
ClientSampleId :
B1-A

Manual Integrations APPROVED
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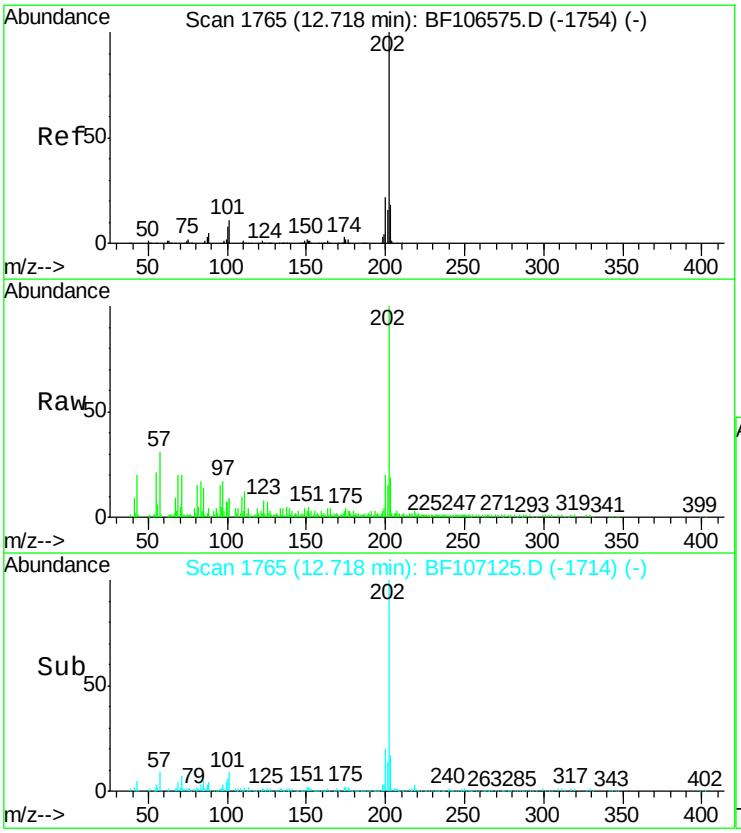
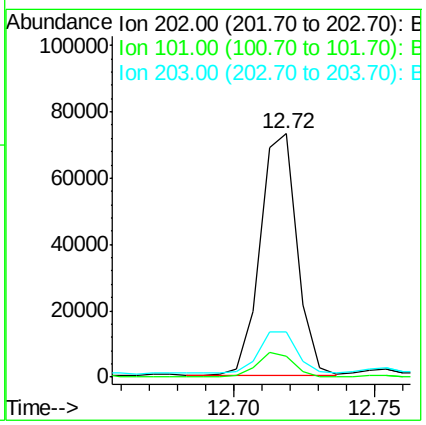
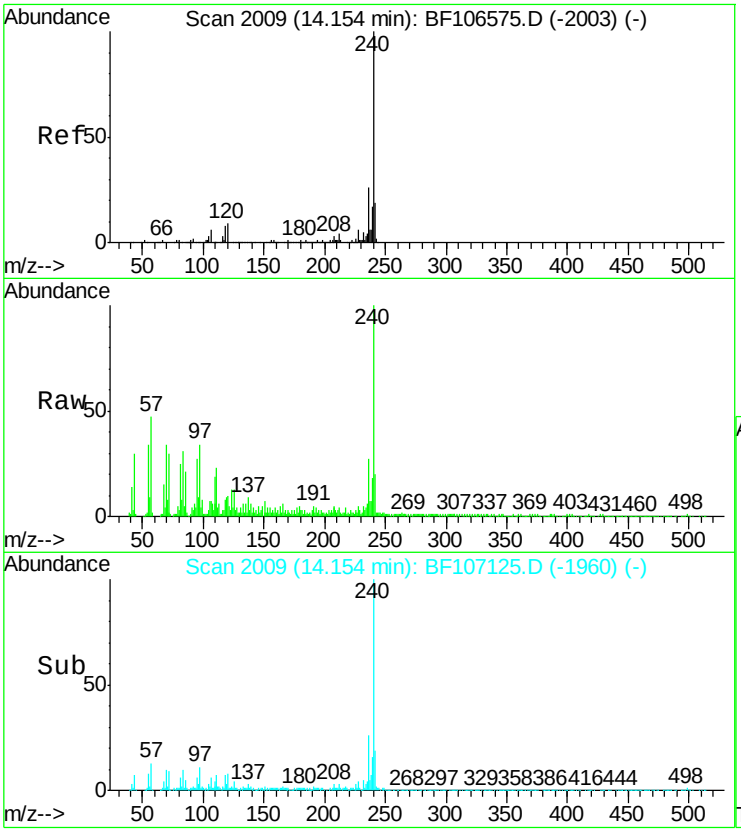


#74
Fluoranthene
Concen: 6.809 ng
RT: 12.72 min Scan# 1765
Delta R.T. -0.00 min
Lab File: BF107125.D
Acq: 5 Jul 2018 14:29

Tgt Ion:202 Resp: 66172

Ion	Ratio	Lower	Upper
202	100		
101	8.6	0.0	34.1
203	18.6	0.0	38.1

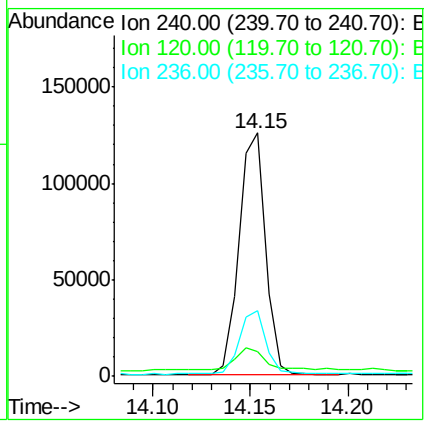




#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF107125.D
Acq: 5 Jul 2018 14:29

Tgt Ion:240 Resp: 118091

Ion	Ratio	Lower	Upper
240	100		
120	10.2	9.5	14.3
236	27.1	20.7	31.1



Instrument :
BNA_F
ClientSampleId :
B1-A

Manual Integrations APPROVED
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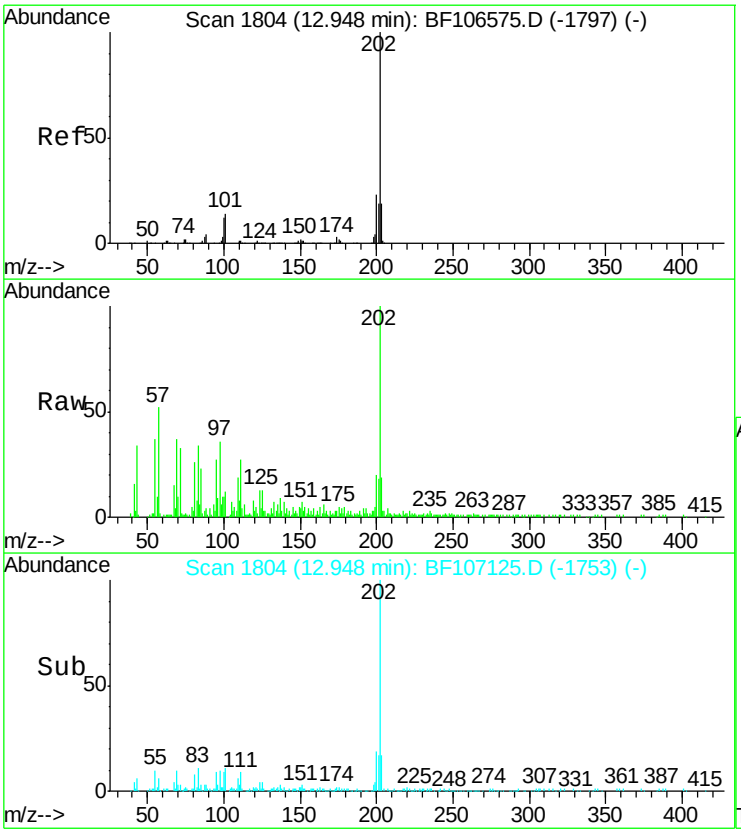
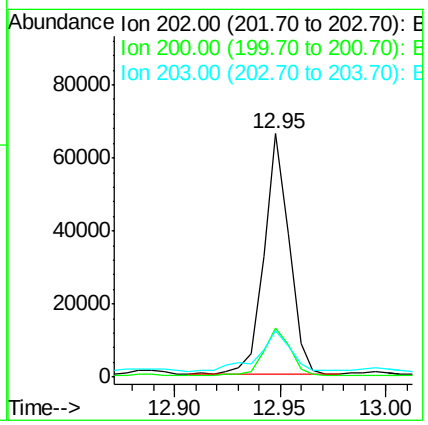
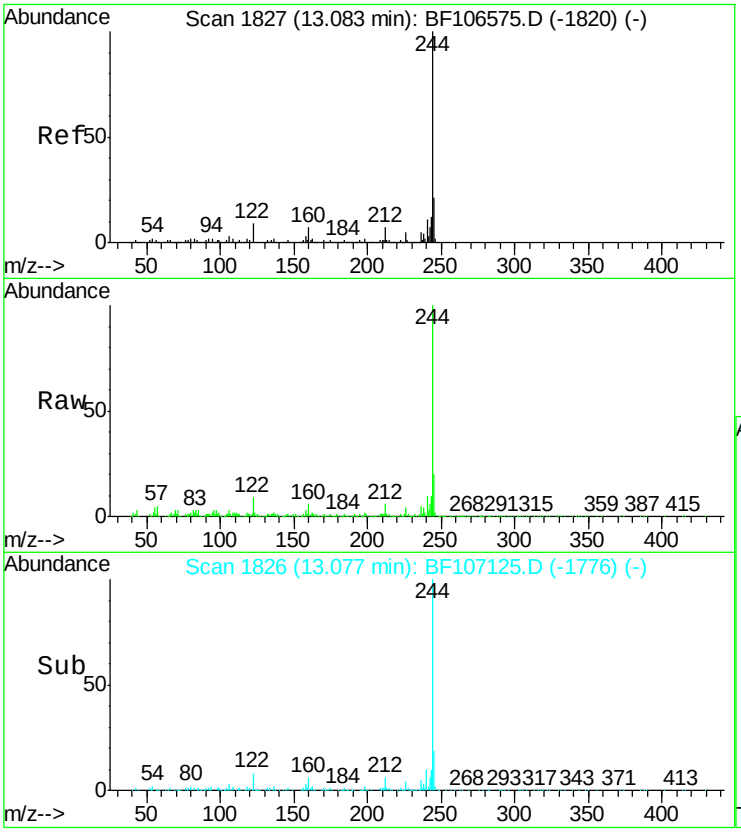


#77
Pyrene
Concen: 7.001 ng
RT: 12.95 min Scan# 1804
Delta R.T. -0.00 min
Lab File: BF107125.D
Acq: 5 Jul 2018 14:29

Tgt Ion:202 Resp: 54518

Ion	Ratio	Lower	Upper
202	100		
200	19.9	17.4	26.2
203	19.1	14.3	21.5





#78
Terphenyl-d14
Concen: 77.835 ng
RT: 13.08 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF107125.D
Acq: 5 Jul 2018 14:29

Tgt Ion:244 Resp: 379459

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	8.5	11.0	16.4#

Instrument :
BNA_F
ClientSampleId :
B1-A

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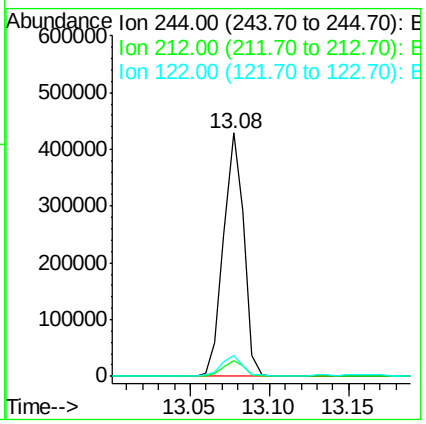
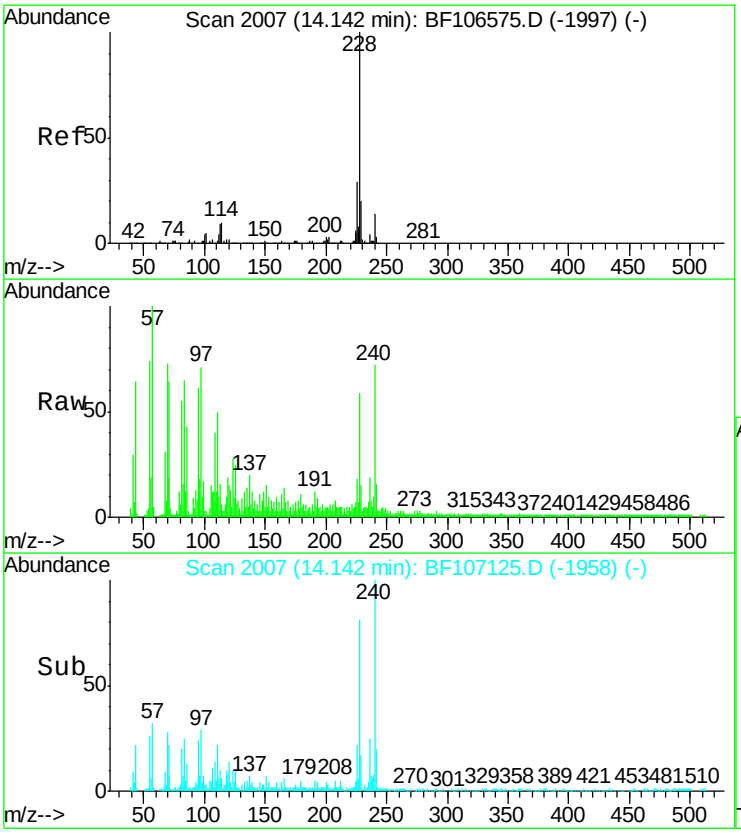
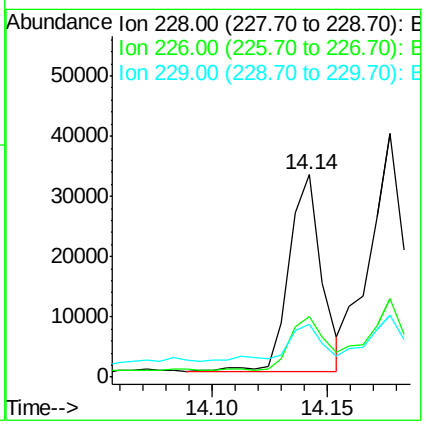


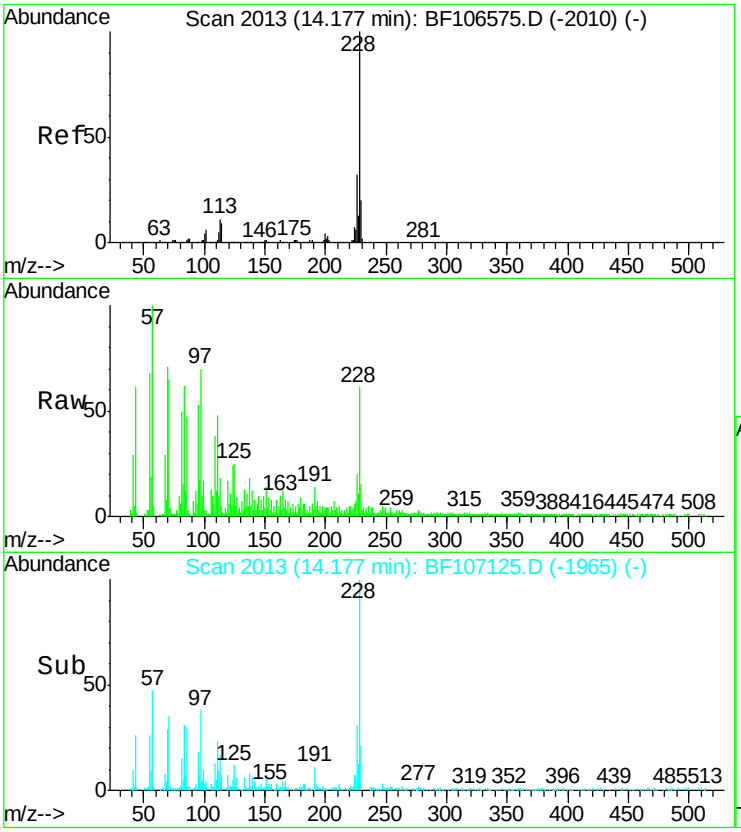


#80
Benzo(a)anthracene
Concen: 4.388 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF107125.D
Acq: 5 Jul 2018 14:29

Tgt Ion:228 Resp: 31583

Ion	Ratio	Lower	Upper
228	100		
226	29.8	22.6	33.8
229	26.1	15.8	23.6#

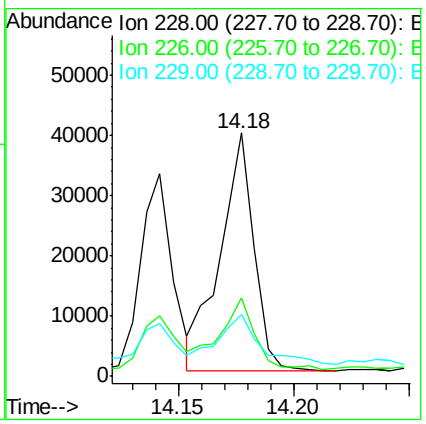




#82
Chrysene
Concen: 6.017 ng
RT: 14.18 min Scan# 2013
Delta R.T. -0.02 min
Lab File: BF107125.D
Acq: 5 Jul 2018 14:29

Tgt Ion:228 Resp: 39841

Ion	Ratio	Lower	Upper
228	100		
226	32.1	25.0	37.6
229	25.3	16.2	24.4#



Instrument :
BNA_F
ClientSampleId :
B1-A

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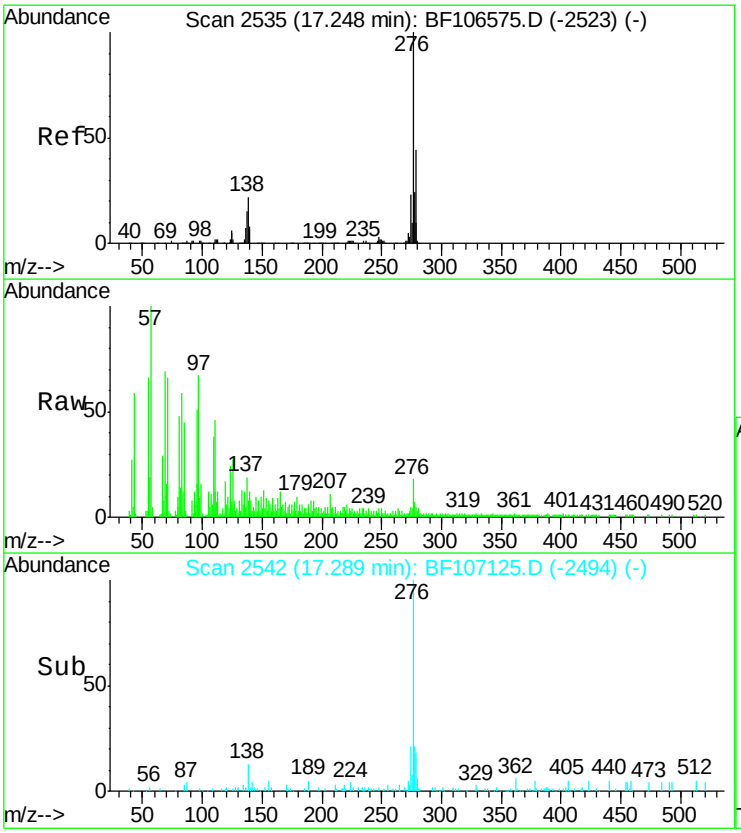
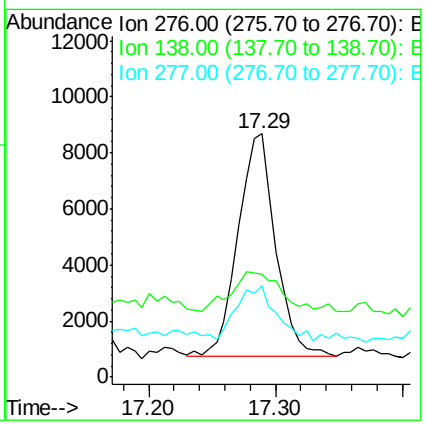
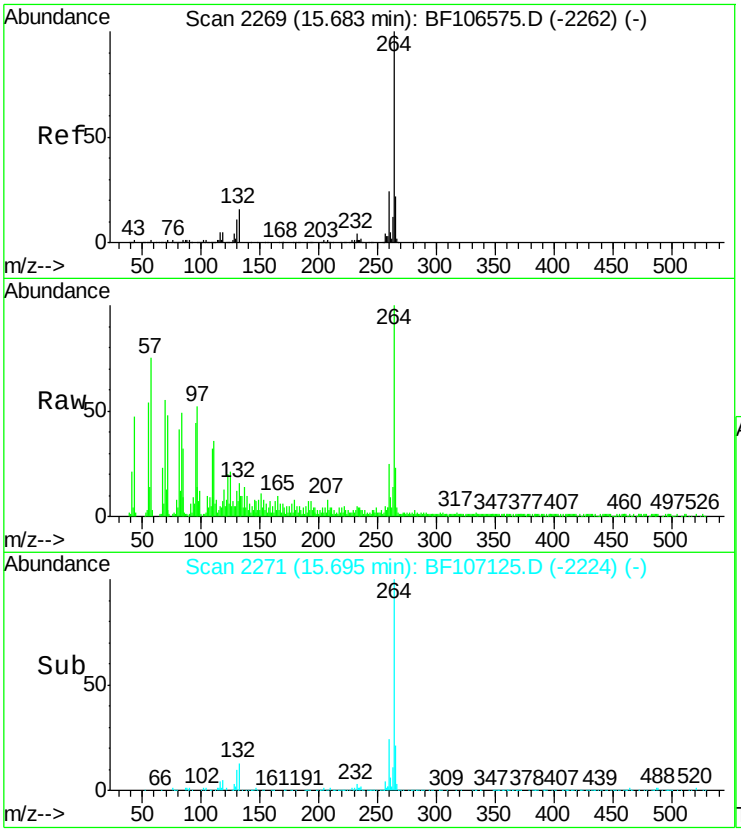


#85
Indeno(1,2,3-cd)pyrene
Concen: 2.931 ng
RT: 17.29 min Scan# 2542
Delta R.T. -0.02 min
Lab File: BF107125.D
Acq: 5 Jul 2018 14:29

Tgt Ion:276 Resp: 16472

Ion	Ratio	Lower	Upper
276	100		
138	22.4	25.0	37.6#
277	25.8	20.1	30.1

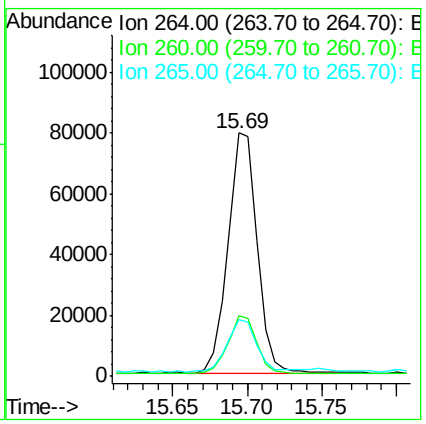




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2271
Delta R.T. -0.02 min
Lab File: BF107125.D
Acq: 5 Jul 2018 14:29

Tgt Ion:264 Resp: 108913

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.2	28.8
265	23.0	17.5	26.3



Instrument :
BNA_F
ClientSampleId :
B1-A

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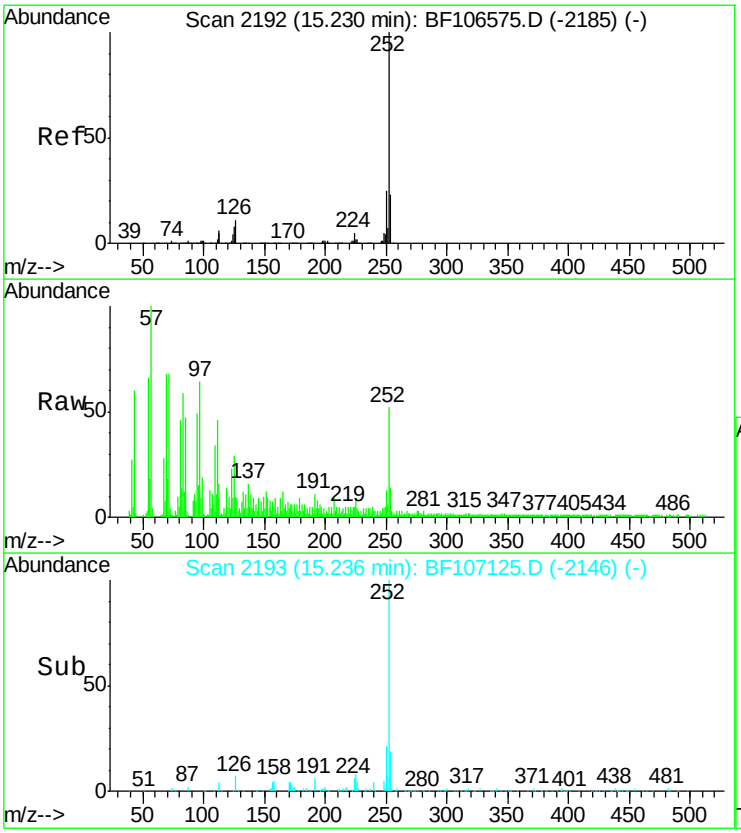
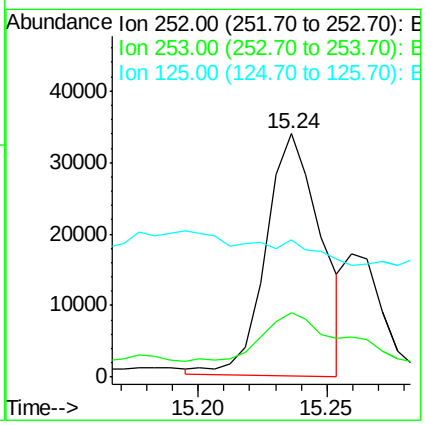
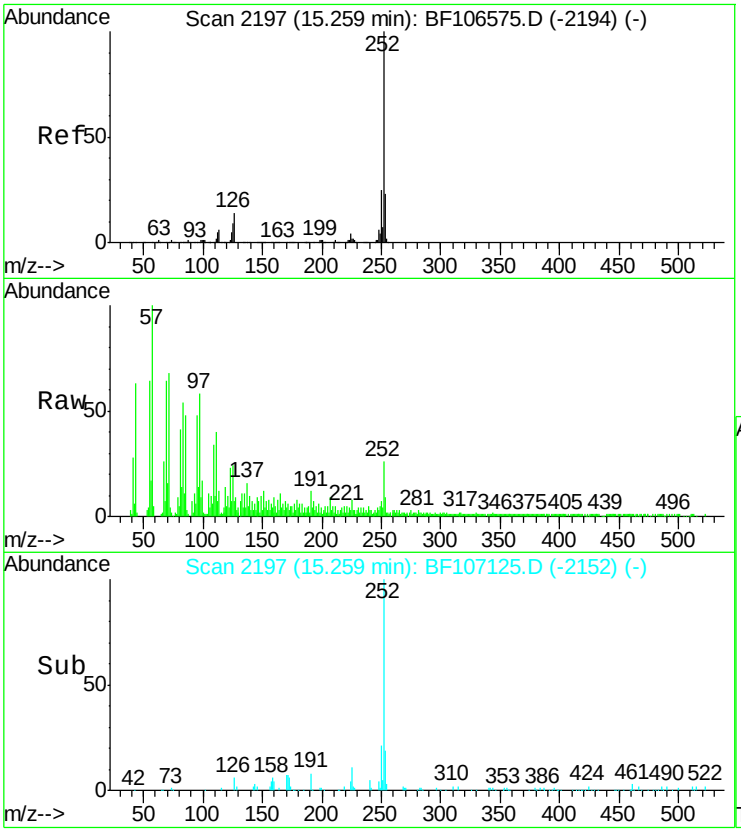


#87
Benzo(b)fluoranthene
Concen: 7.533 ng m
RT: 15.24 min Scan# 2193
Delta R.T. -0.02 min
Lab File: BF107125.D
Acq: 5 Jul 2018 14:29

Tgt Ion:252 Resp: 50968

Ion	Ratio	Lower	Upper
252	100		
253	26.3	17.0	25.6#
125	56.6	9.0	13.6#





#88
Benzo(k)fluoranthene
Concen: 2.572 ng m
RT: 15.26 min Scan# 2197
Delta R.T. -0.04 min
Lab File: BF107125.D
Acq: 5 Jul 2018 14:29

Tgt Ion:252 Resp: 16568

Ion	Ratio	Lower	Upper
252	100		
253	32.9	17.9	26.9#
125	90.4	10.2	15.2#

Instrument :
BNA_F
ClientSampleId :
B1-A

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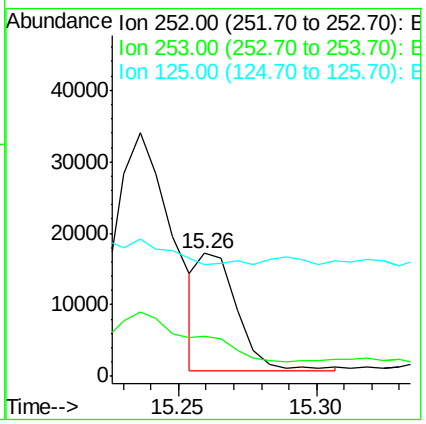

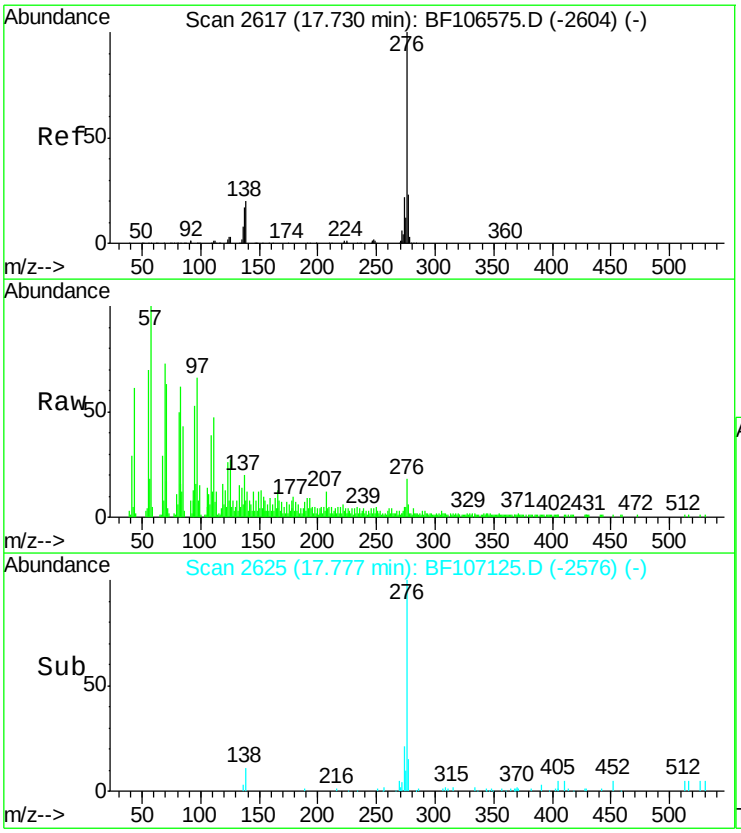

#91
Benzo(g,h,i)perylene
Concen: 2.978 ng
RT: 17.78 min Scan# 2625
Delta R.T. -0.01 min
Lab File: BF107125.D
Acq: 5 Jul 2018 14:29

Tgt Ion:276 Resp: 14836

Ion	Ratio	Lower	Upper
276	100		
277	36.0	17.9	26.9#
138	46.7	21.8	32.8#