Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120617\
Data File : BF101167.D
Acq On : 6 Dec 2017 15:04
Operator : SJ/JU
Sample : I6702-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-3-E(0-1)

Manual Integrations APPROVED
Sohil
12/7/2017 11:35:38 AM

Quant Time: Dec 06 18:14:57 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 04 13:07:49 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	47074	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	185848	20.00	ng		0.00
38) Acenaphthene-d10	9.88	164	89171	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	178472	20.00	ng		0.00
75) Chrysene-d12	14.02	240	109311	20.00	ng		0.00
86) Perylene-d12	15.49	264	98879	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	316949	111.26	ng		0.00
7) Phenol-d6	6.48	99	376061	108.73	ng		0.00
23) Nitrobenzene-d5	7.41	82	237817	76.33	ng		0.00
41) 2,4,6-Tribromophenol	10.67	330	108455	101.25	ng		0.00
44) 2-Fluorobiphenyl	9.20	172	511872	78.54	ng		0.00
78) Terphenyl-d14	12.96	244	479705	95.99	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.49	94	12006	3.122	ng		94
49) Dimethylphthalate	9.59	163	38318	5.328	ng	#	97
70) Phenanthrene	11.40	178	23919	2.434	ng		98
74) Fluoranthene	12.59	202	71025	6.519	ng		94
77) Pyrene	12.82	202	76259	10.110	ng		97
80) Benzo(a)anthracene	14.00	228	31326	4.539	ng		95
82) Chrysene	14.04	228	30511	4.760	ng		97
85) Indeno(1,2,3-cd)pyrene	16.97	276	22267	3.907	ng	#	90
87) Benzo(b)fluoranthene	15.06	252	34932m	5.898	ng		
89) Benzo(a)pyrene	15.43	252	25771	4.786	ng		98
91) Benzo(g,h,i)perylene	17.42	276	22341	4.994	ng	#	88

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120617\
Data File : BF101167.D
Acq On : 6 Dec 2017 15:04
Operator : SJ/JU
Sample : I6702-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Dec 06 18:14:57 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 04 13:07:49 2017
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
MH-3-E(0-1)

Manual Integrations APPROVED
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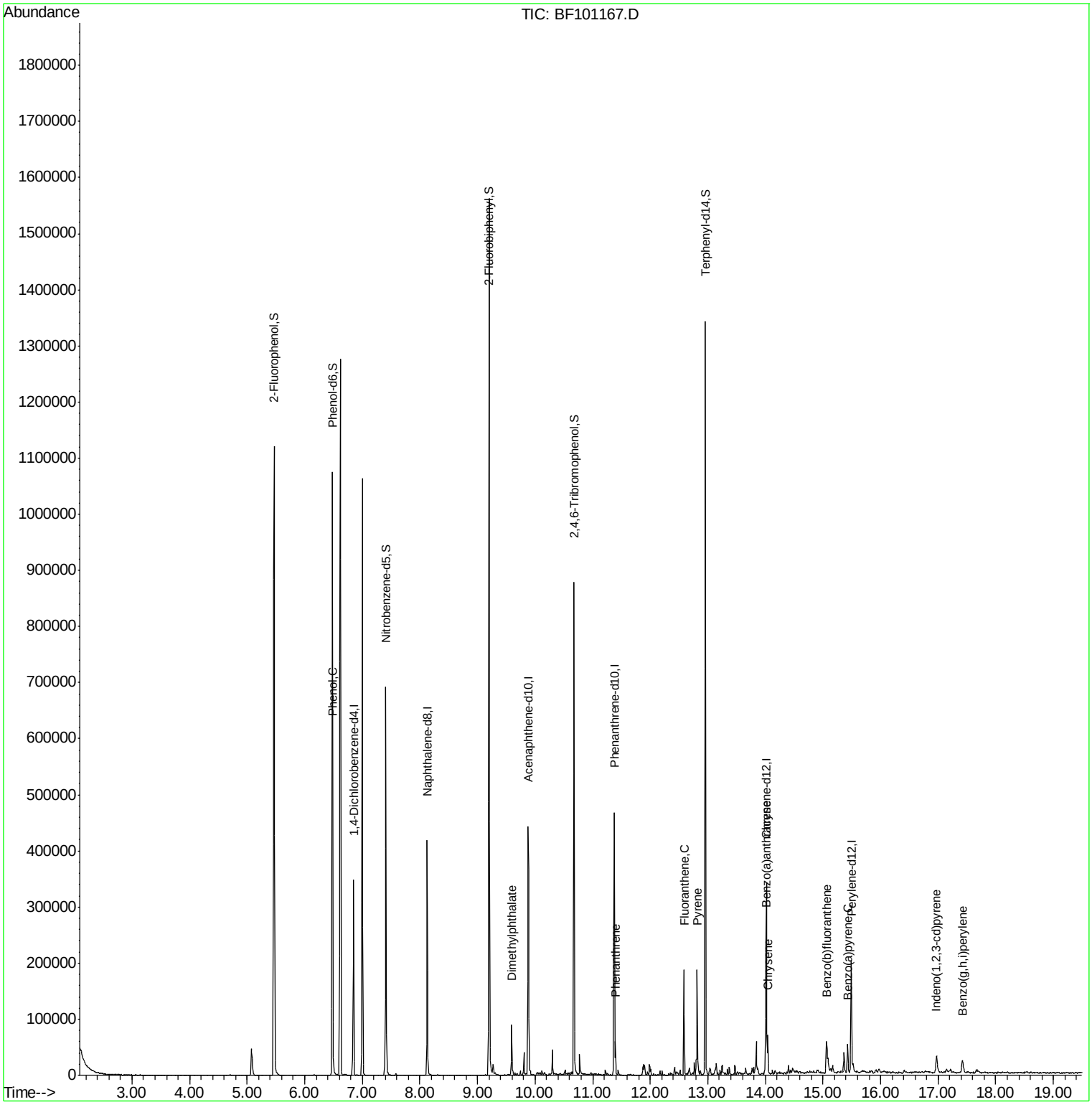
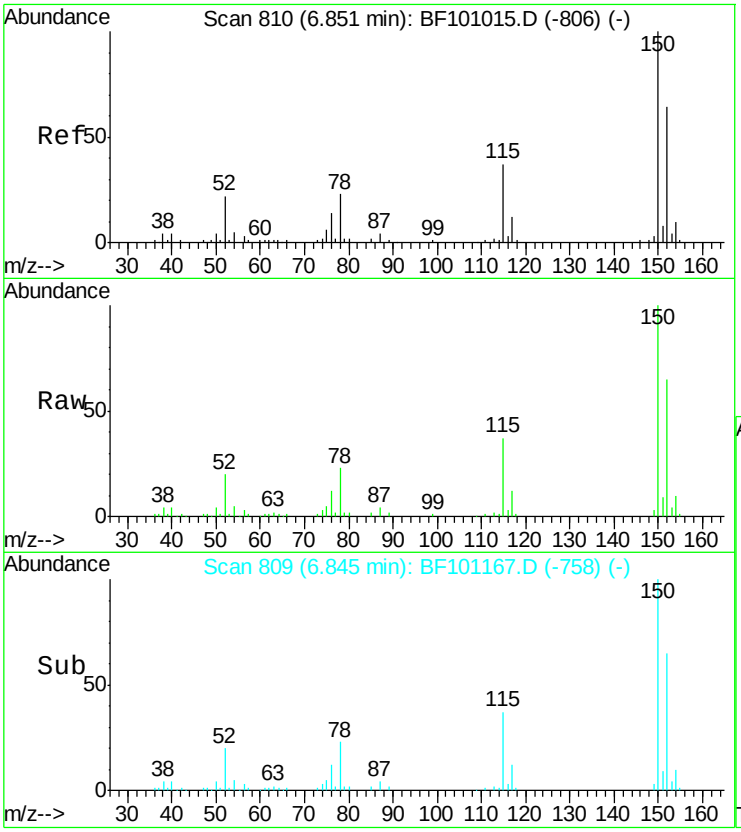
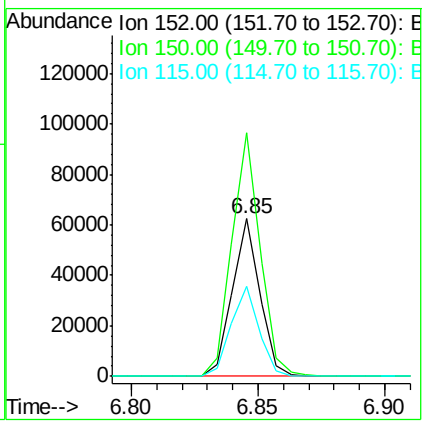




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF101167.D
Acq: 6 Dec 2017 15:04

Tgt Ion:152 Resp: 47074

Ion	Ratio	Lower	Upper
152	100		
150	154.4	124.6	186.8
115	57.2	50.1	75.1



Instrument :
BNA_F
ClientSampleId :
MH-3-E(0-1)

Manual Integrations APPROVED
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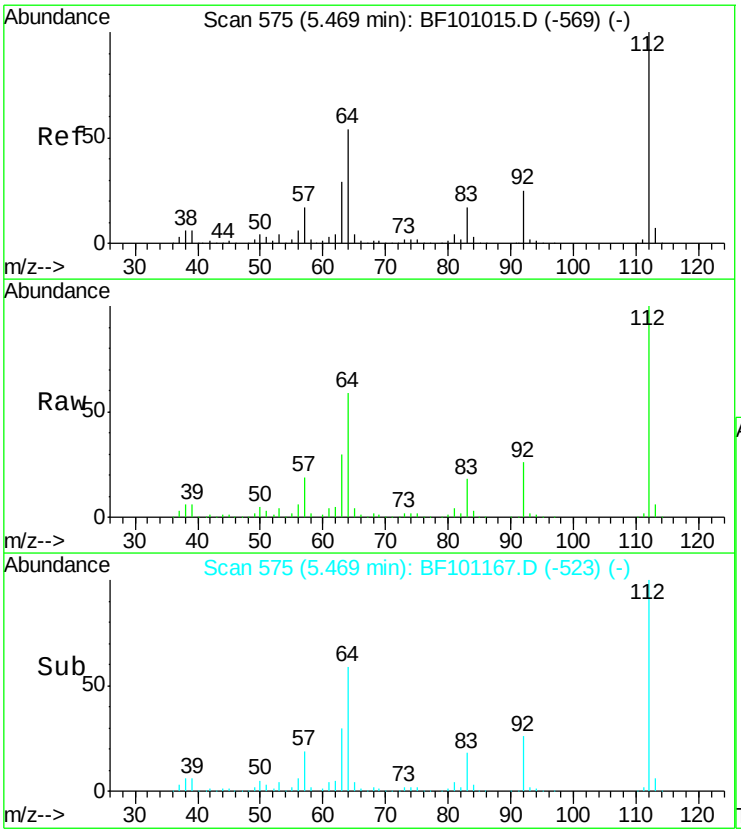
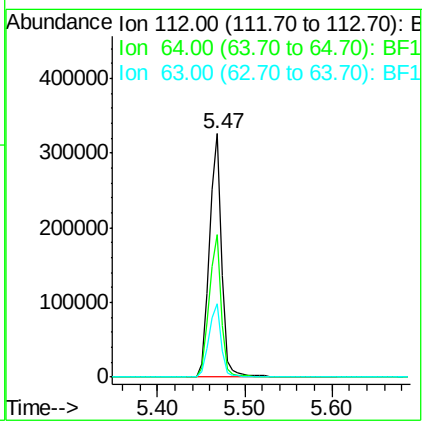
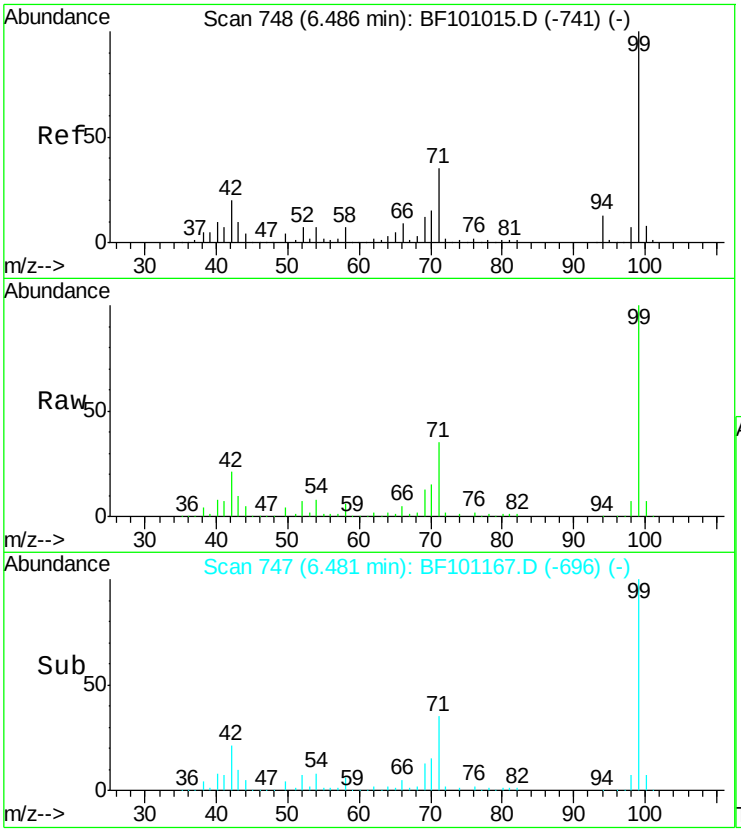


#5
2-Fluorophenol
Concen: 111.259 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.01 min
Lab File: BF101167.D
Acq: 6 Dec 2017 15:04

Tgt Ion:112 Resp: 316949

Ion	Ratio	Lower	Upper
112	100		
64	58.7	47.9	71.9
63	30.4	23.7	35.5

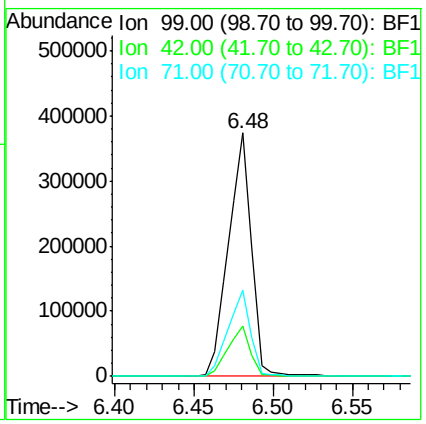




#7
Phenol-d6
Concen: 108.730 ng
RT: 6.48 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF101167.D
Acq: 6 Dec 2017 15:04

Tgt Ion: 99 Resp: 376061

Ion	Ratio	Lower	Upper
99	100		
42	20.7	14.5	21.7
71	35.2	25.4	38.0



Instrument :
BNA_F
ClientSampleId :
MH-3-E(0-1)

Manual Integrations APPROVED
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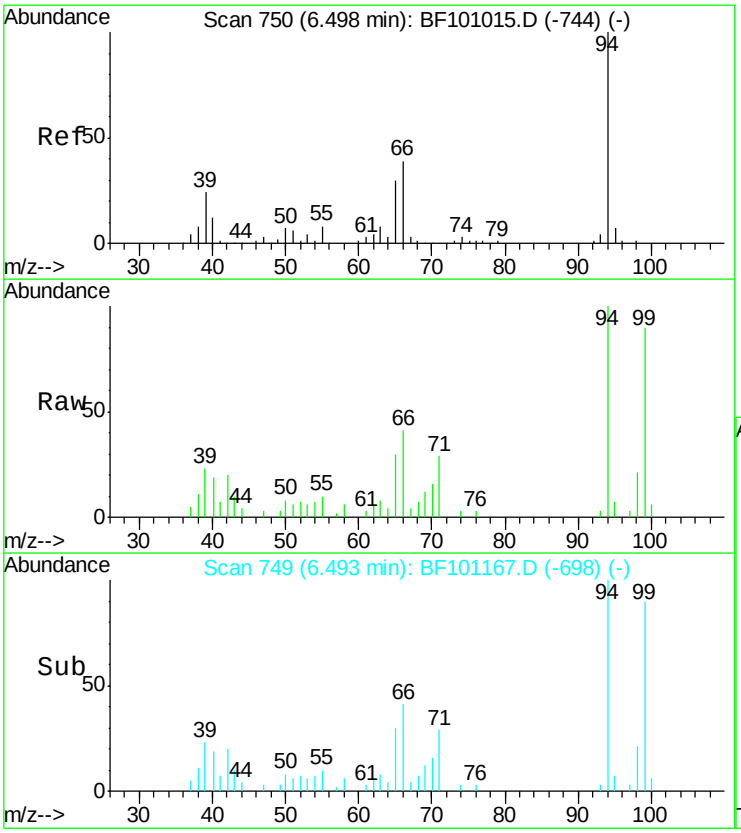
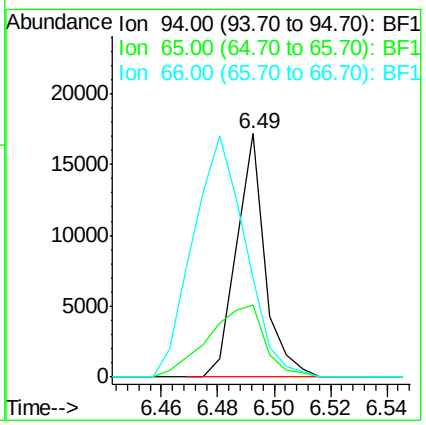
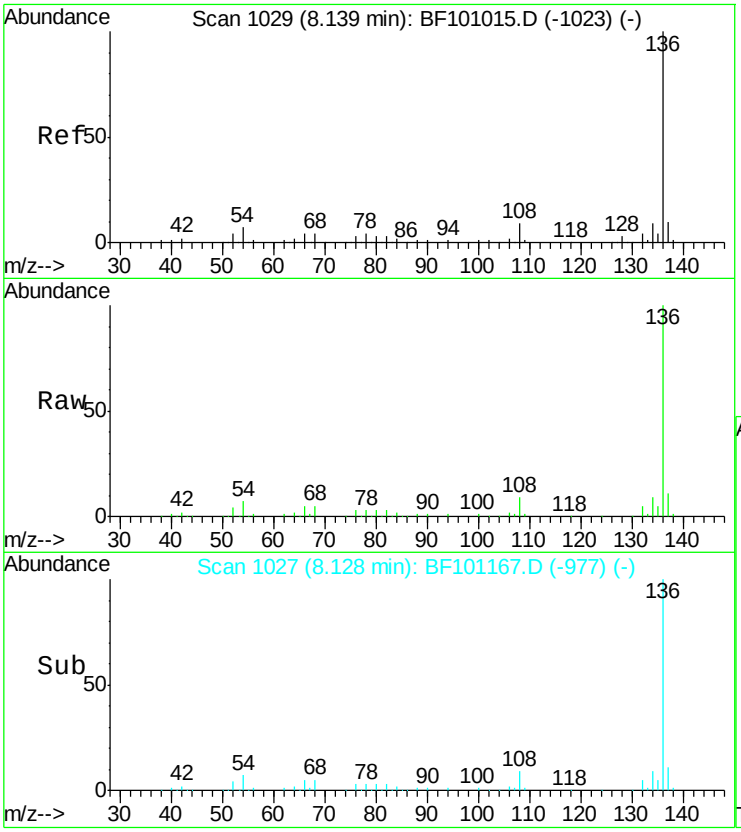


#10
Phenol
Concen: 3.122 ng
RT: 6.49 min Scan# 749
Delta R.T. 0.00 min
Lab File: BF101167.D
Acq: 6 Dec 2017 15:04

Tgt Ion: 94 Resp: 12006

Ion	Ratio	Lower	Upper
94	100		
65	29.7	7.9	47.9
66	40.8	16.2	56.2

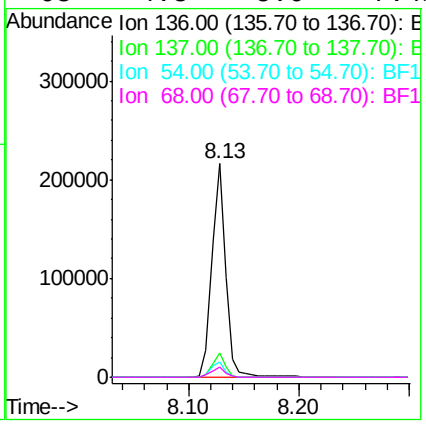




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF101167.D
Acq: 6 Dec 2017 15:04

Tgt Ion:136 Resp: 185848

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	7.4	6.6	9.8
68	4.8	5.0	7.4#



Instrument :
BNA_F
ClientSampleId :
MH-3-E(0-1)

Manual Integrations APPROVED
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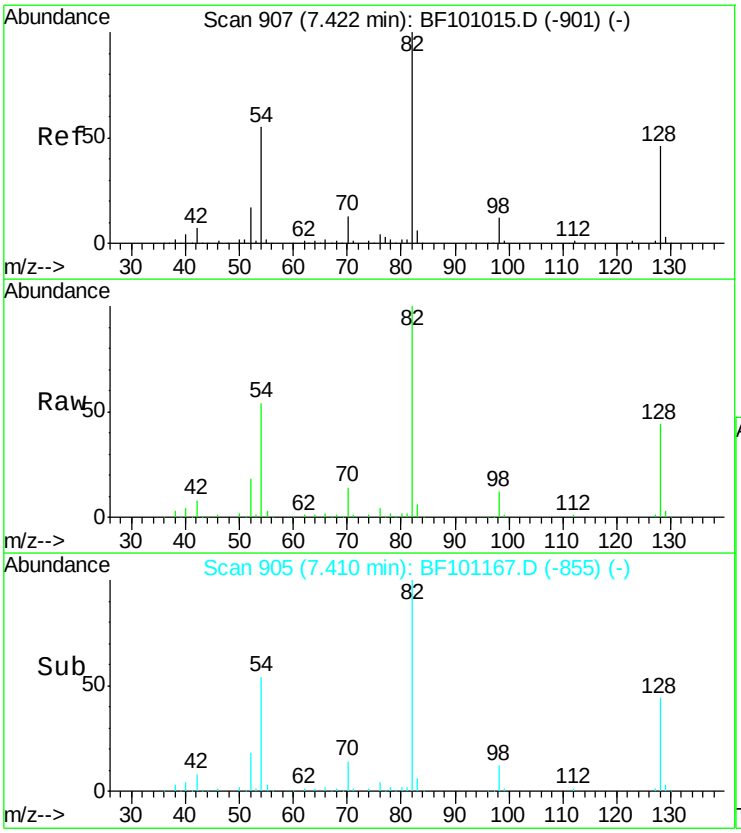
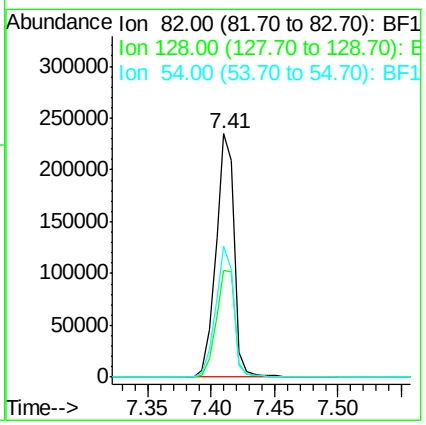
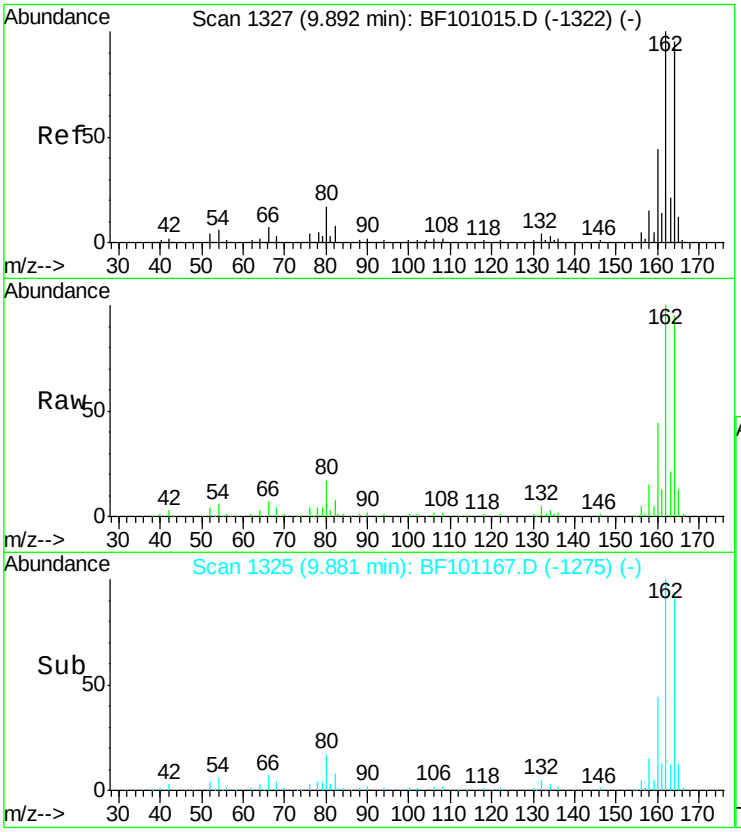


#23
Nitrobenzene-d5
Concen: 76.334 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF101167.D
Acq: 6 Dec 2017 15:04

Tgt Ion: 82 Resp: 237817

Ion	Ratio	Lower	Upper
82	100		
128	44.0	36.1	54.1
54	53.9	41.4	62.2

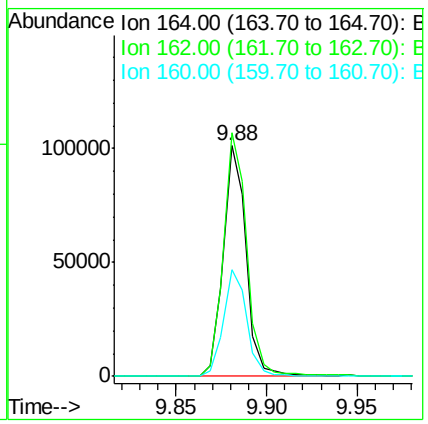




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF101167.D
Acq: 6 Dec 2017 15:04

Tgt Ion:164 Resp: 89171

Ion	Ratio	Lower	Upper
164	100		
162	105.7	86.1	129.1
160	46.2	38.3	57.5



Instrument :
BNA_F
ClientSampleId :
MH-3-E(0-1)

Manual Integrations APPROVED
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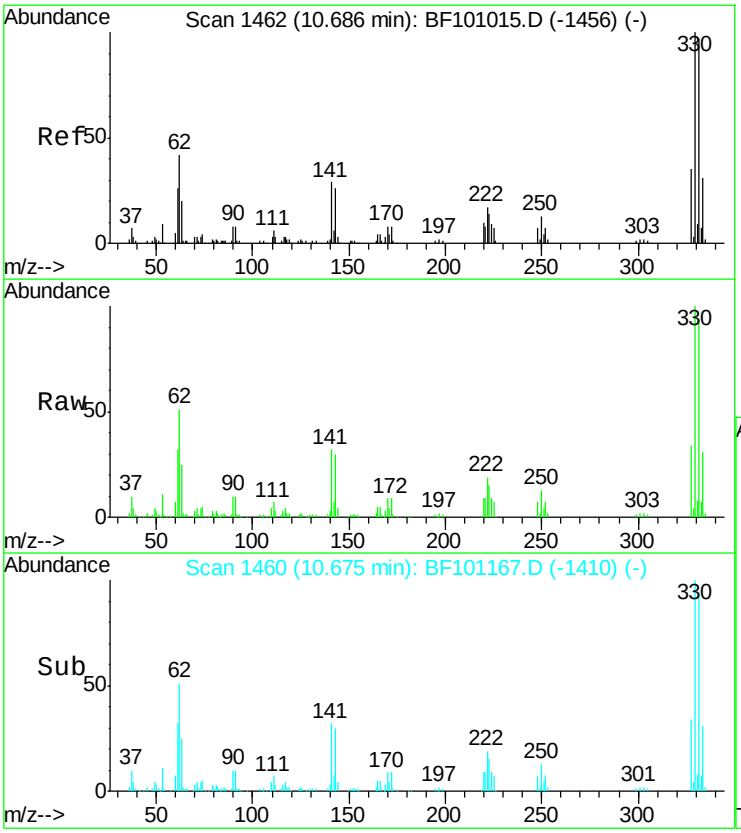
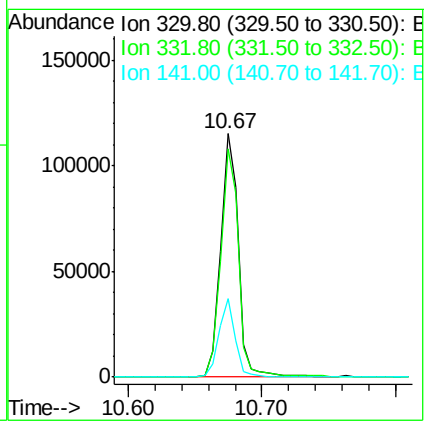
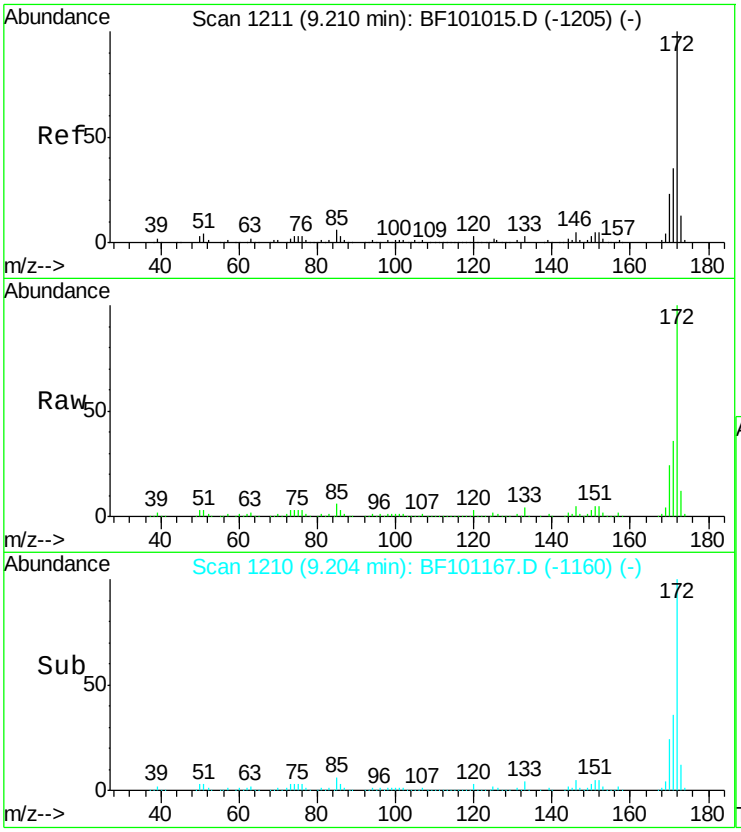


#41
2,4,6-Tribromophenol
Concen: 101.247 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BF101167.D
Acq: 6 Dec 2017 15:04

Tgt Ion:330 Resp: 108455

Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.0	115.6
141	29.7	29.9	44.9#

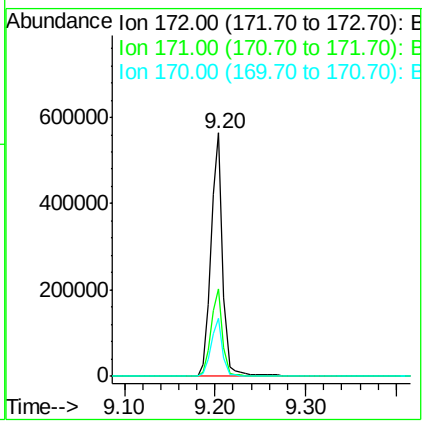




#44
2-Fluorobiphenyl
Concen: 78.539 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF101167.D
Acq: 6 Dec 2017 15:04

Tgt Ion:172 Resp: 511872

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	23.7	19.6	29.4



Instrument :
BNA_F
ClientSampleId :
MH-3-E(0-1)

Manual Integrations APPROVED
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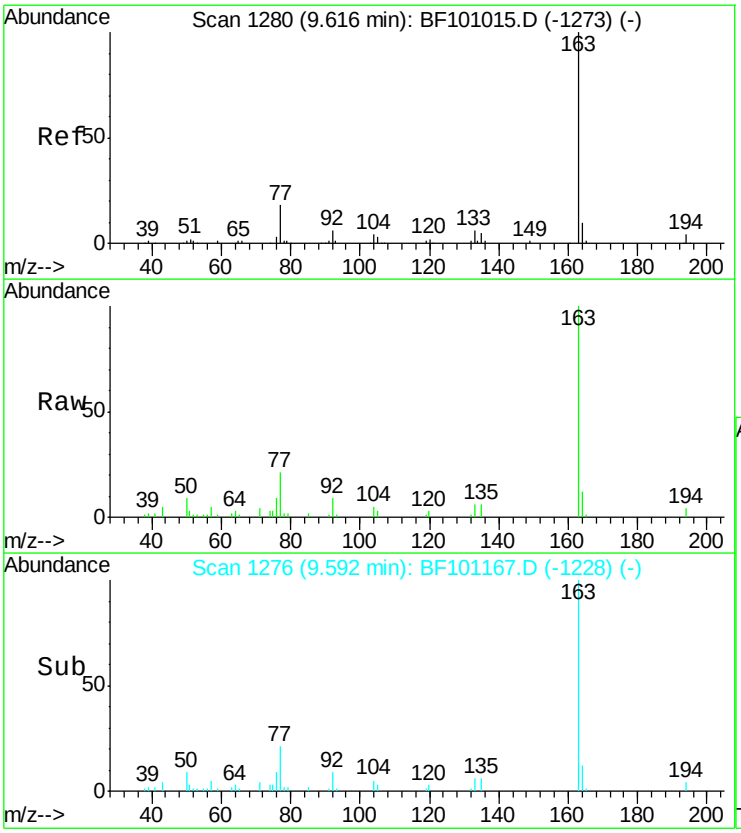
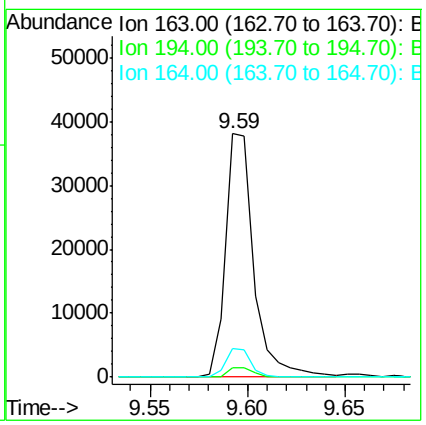
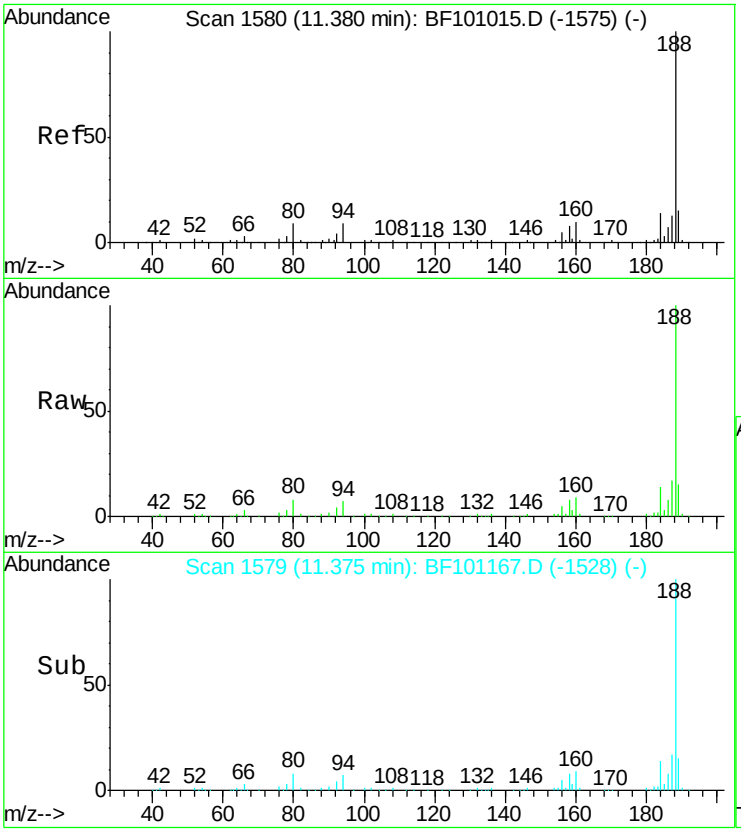


#49
Dimethylphthalate
Concen: 5.328 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF101167.D
Acq: 6 Dec 2017 15:04

Tgt Ion:163 Resp: 38318

Ion	Ratio	Lower	Upper
163	100		
194	4.1	2.7	4.1#
164	11.6	8.2	12.2





#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BF101167.D
Acq: 6 Dec 2017 15:04

Tgt Ion:188 Resp: 178472

Ion	Ratio	Lower	Upper
188	100		
94	6.7	8.5	12.7#
80	8.1	9.2	13.8#

Instrument :
BNA_F
ClientSampleId :
MH-3-E(0-1)

Manual Integrations APPROVED
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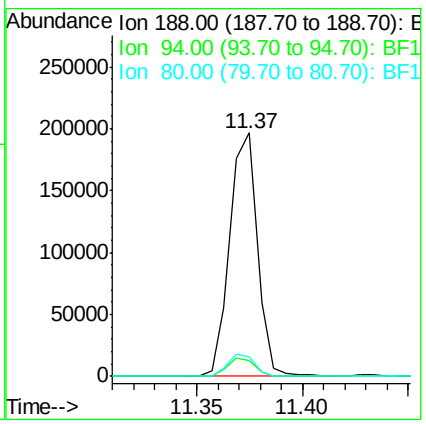
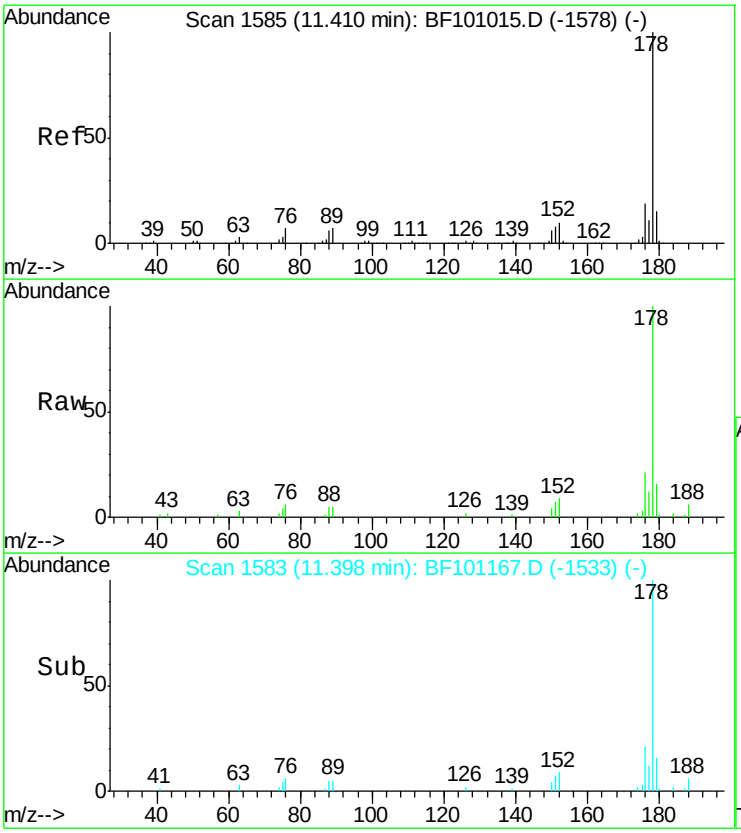
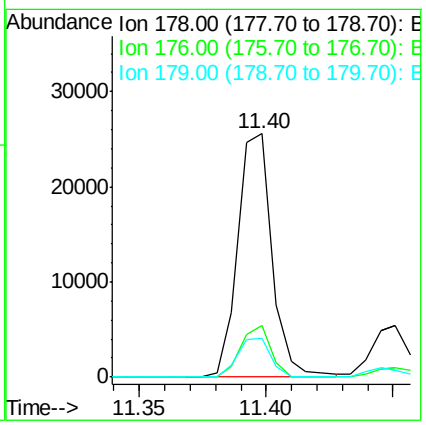


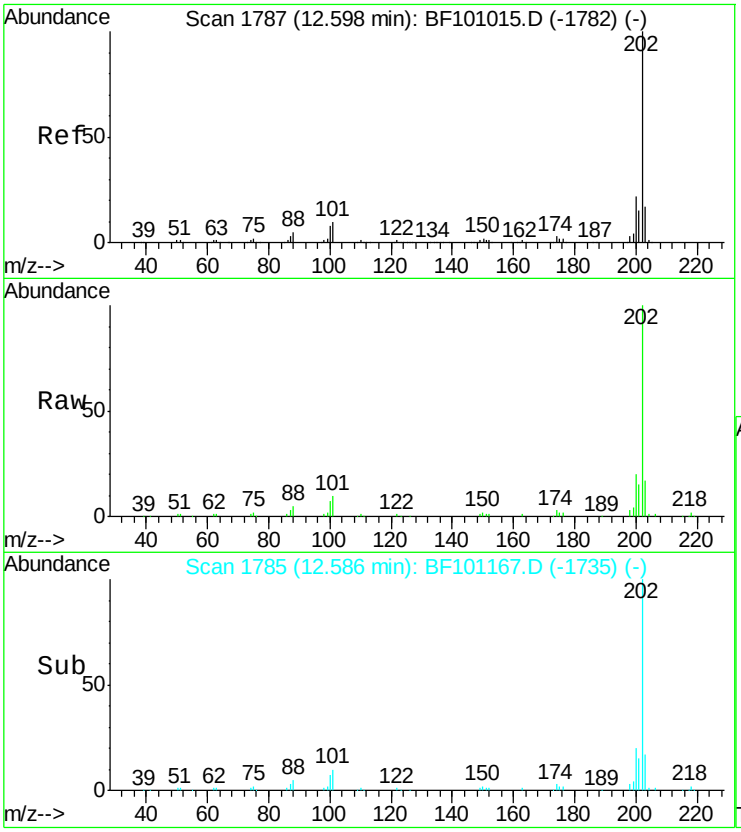


#70
Phenanthrene
Concen: 2.434 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF101167.D
Acq: 6 Dec 2017 15:04

Tgt Ion:178 Resp: 23919

Ion	Ratio	Lower	Upper
178	100		
176	21.3	15.8	23.8
179	16.1	13.0	19.6

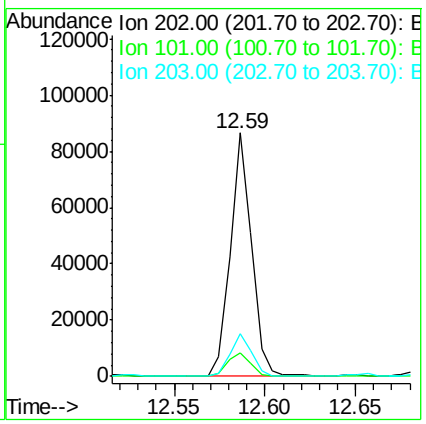




#74
Fluoranthene
Concen: 6.519 ng
RT: 12.59 min Scan# 1785
Delta R.T. -0.01 min
Lab File: BF101167.D
Acq: 6 Dec 2017 15:04

Tgt Ion:202 Resp: 71025

Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	34.1
203	17.4	0.0	38.1



Instrument :
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Manual Integrations APPROVED
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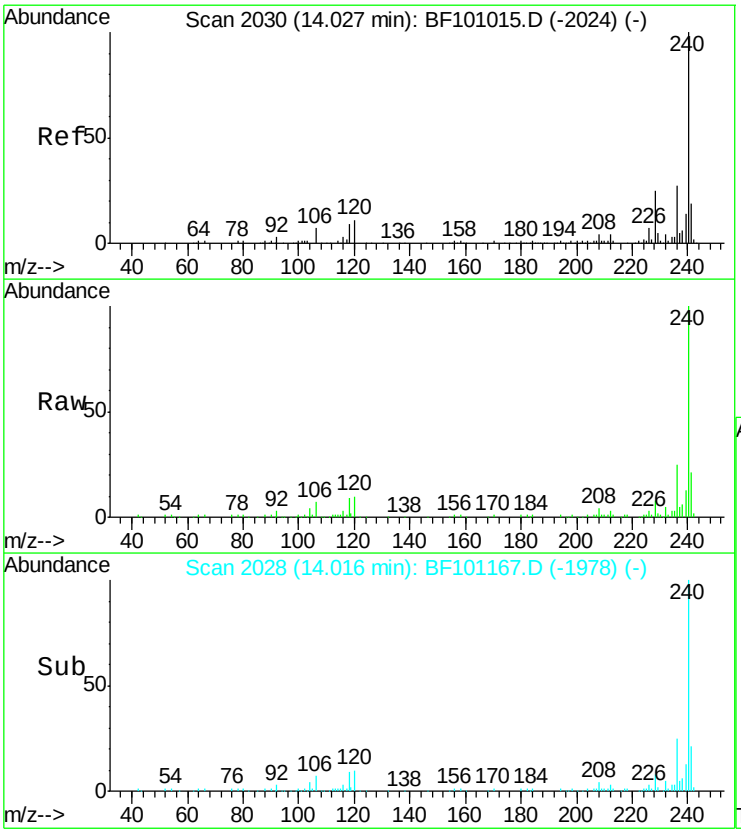
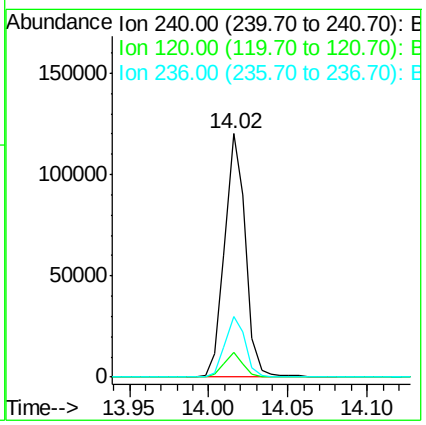
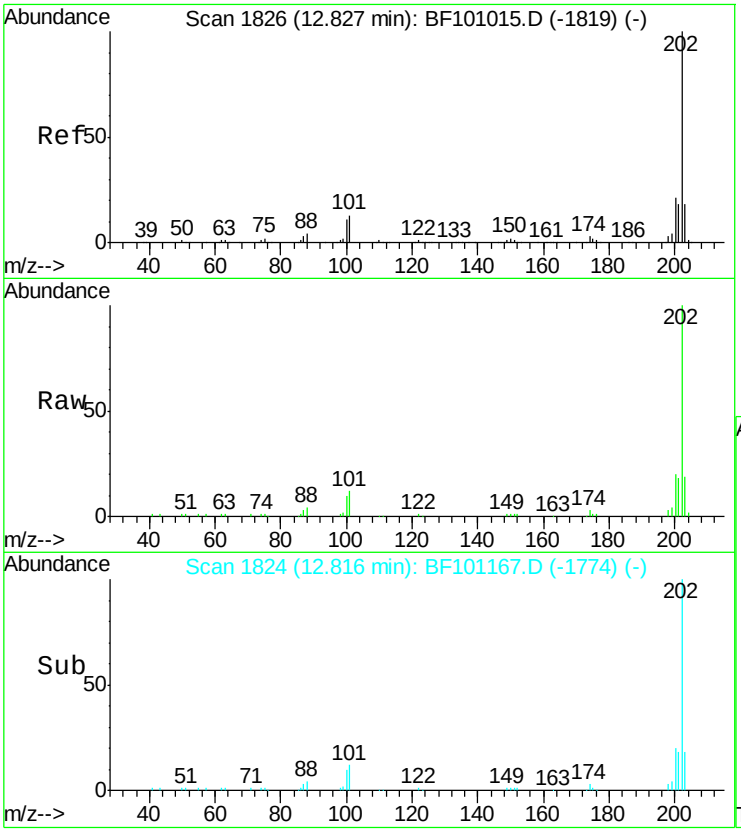


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF101167.D
Acq: 6 Dec 2017 15:04

Tgt Ion:240 Resp: 109311

Ion	Ratio	Lower	Upper
240	100		
120	10.2	9.5	14.3
236	24.7	20.7	31.1

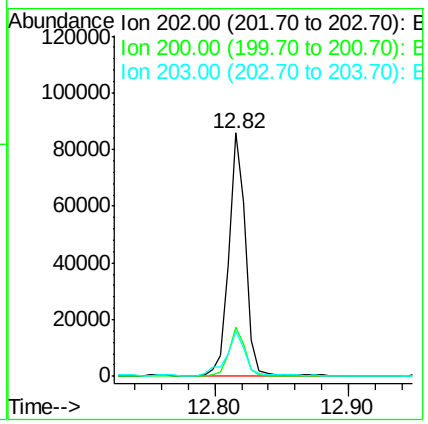




#77
Pyrene
Concen: 10.110 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF101167.D
Acq: 6 Dec 2017 15:04

Tgt Ion:202 Resp: 76259

Ion	Ratio	Lower	Upper
202	100		
200	20.0	17.4	26.2
203	18.7	14.3	21.5



Instrument :
BNA_F
ClientSampleId :
MH-3-E(0-1)

Manual Integrations APPROVED
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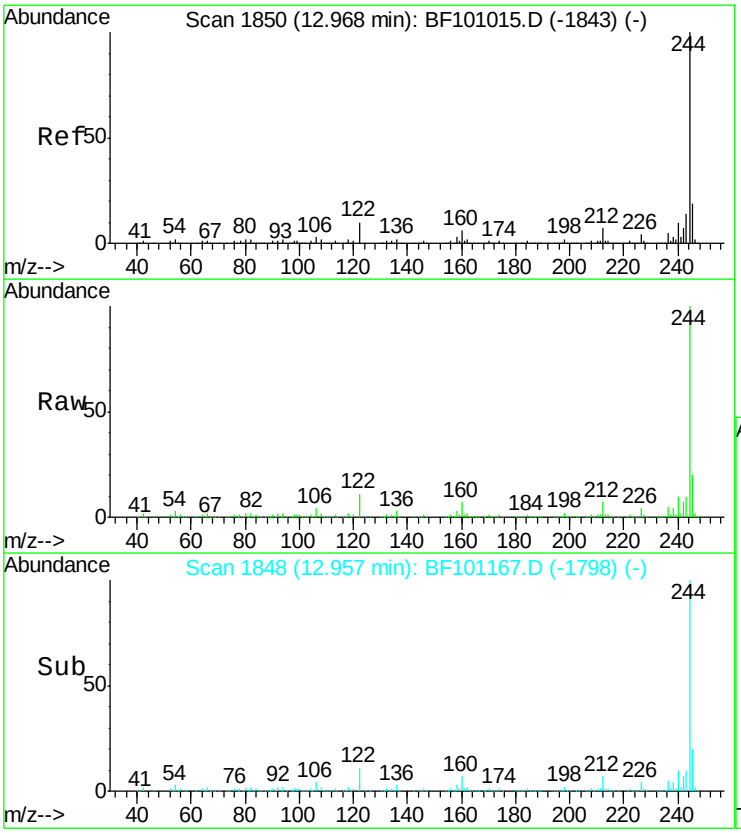
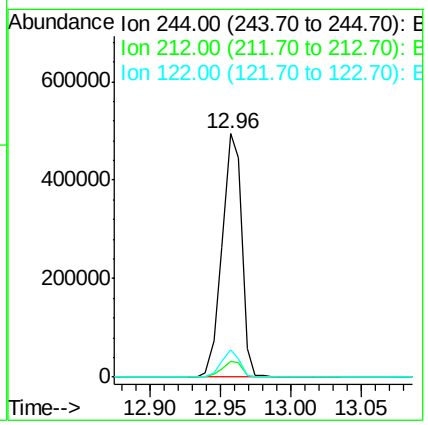
12/7/2017 11:35:38 AM

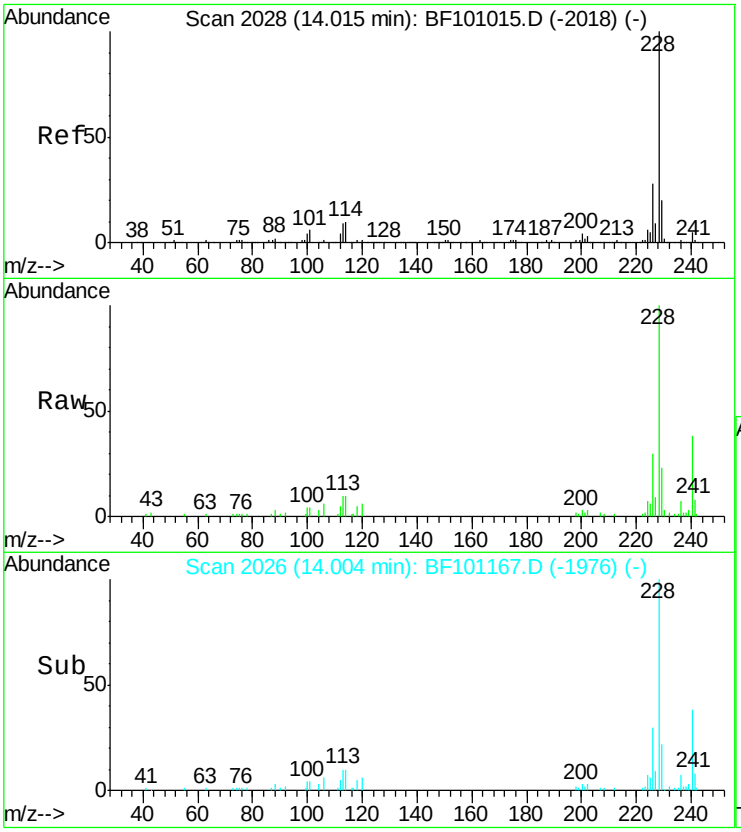


#78
Terphenyl-d14
Concen: 95.987 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BF101167.D
Acq: 6 Dec 2017 15:04

Tgt Ion:244 Resp: 479705

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	11.3	11.0	16.4

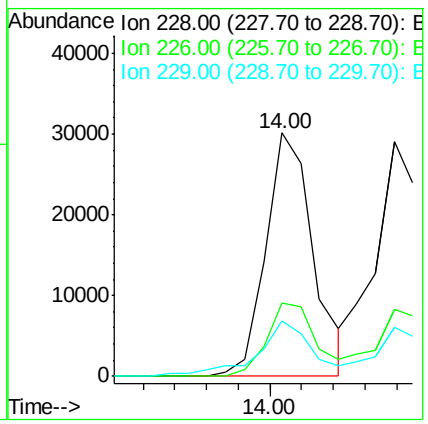




#80
Benzo(a)anthracene
Concen: 4.539 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF101167.D
Acq: 6 Dec 2017 15:04

Tgt Ion:228 Resp: 31326

Ion	Ratio	Lower	Upper
228	100		
226	30.0	22.6	33.8
229	22.8	15.8	23.6



Instrument :
BNA_F
ClientSampleId :
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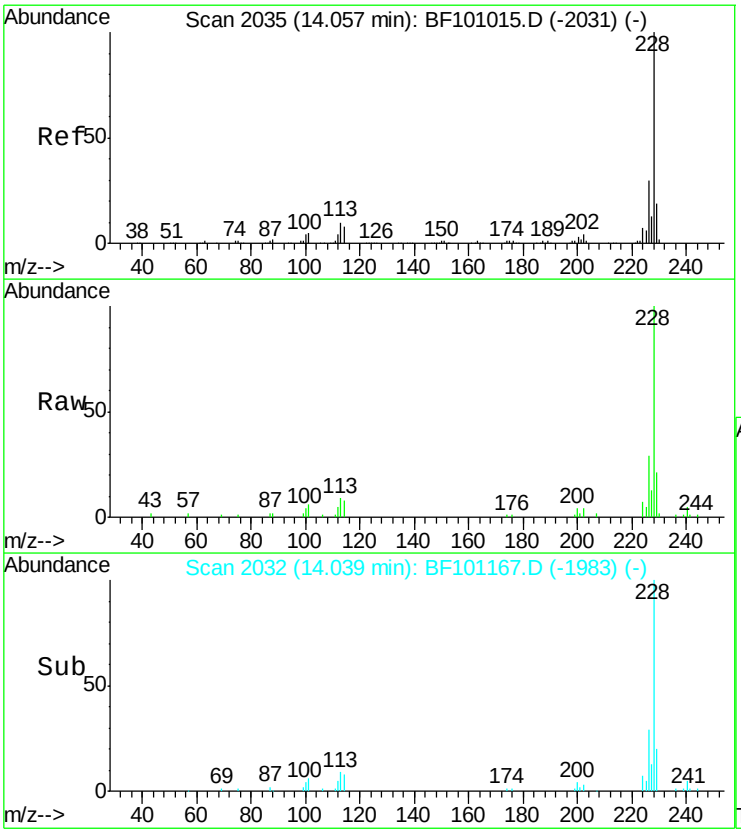
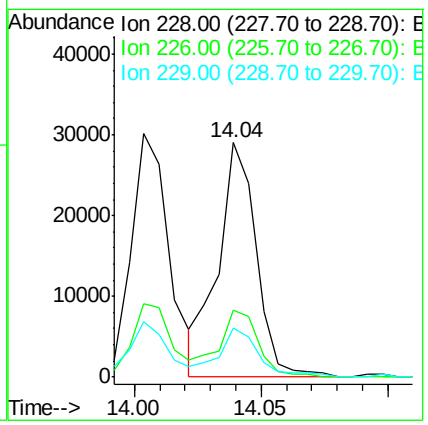
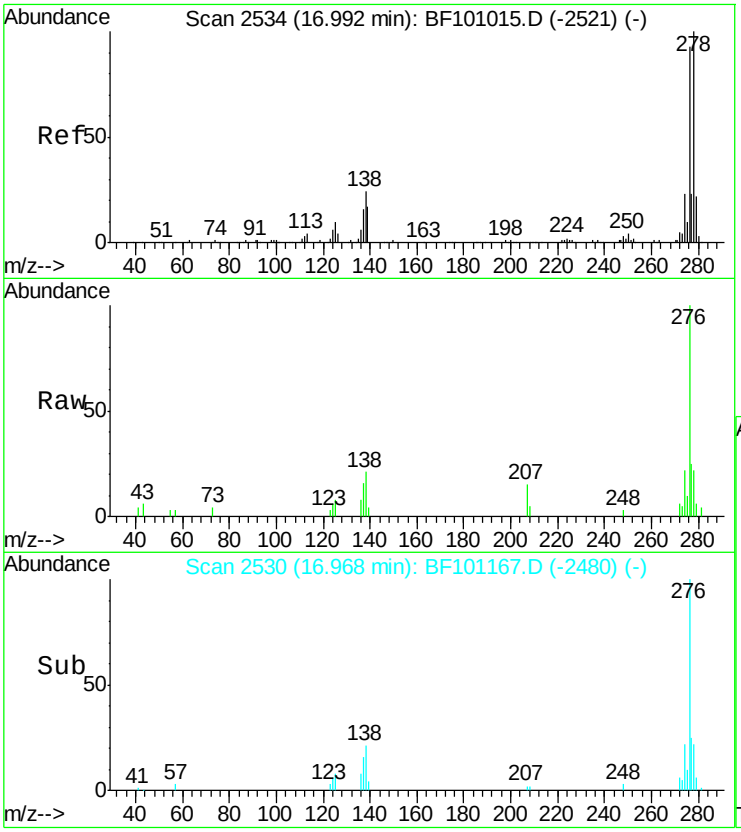


#82
Chrysene
Concen: 4.760 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF101167.D
Acq: 6 Dec 2017 15:04

Tgt Ion:228 Resp: 30511

Ion	Ratio	Lower	Upper
228	100		
226	28.8	25.0	37.6
229	20.8	16.2	24.4

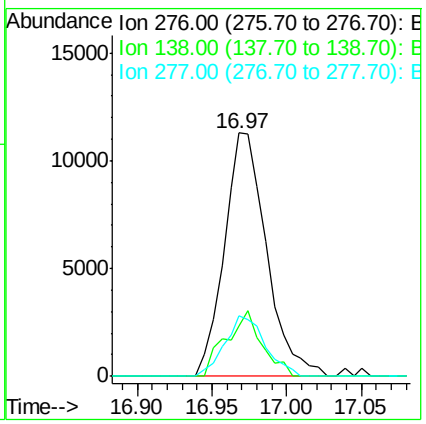




#85
Indeno(1,2,3-cd)pyrene
Concen: 3.907 ng
RT: 16.97 min Scan# 2530
Delta R.T. -0.01 min
Lab File: BF101167.D
Acq: 6 Dec 2017 15:04

Tgt Ion:276 Resp: 22267

Ion	Ratio	Lower	Upper
276	100		
138	22.9	25.0	37.6#
277	23.8	20.1	30.1



Instrument :
BNA_F
ClientSampleId :
MH-3-E(0-1)

Manual Integrations APPROVED
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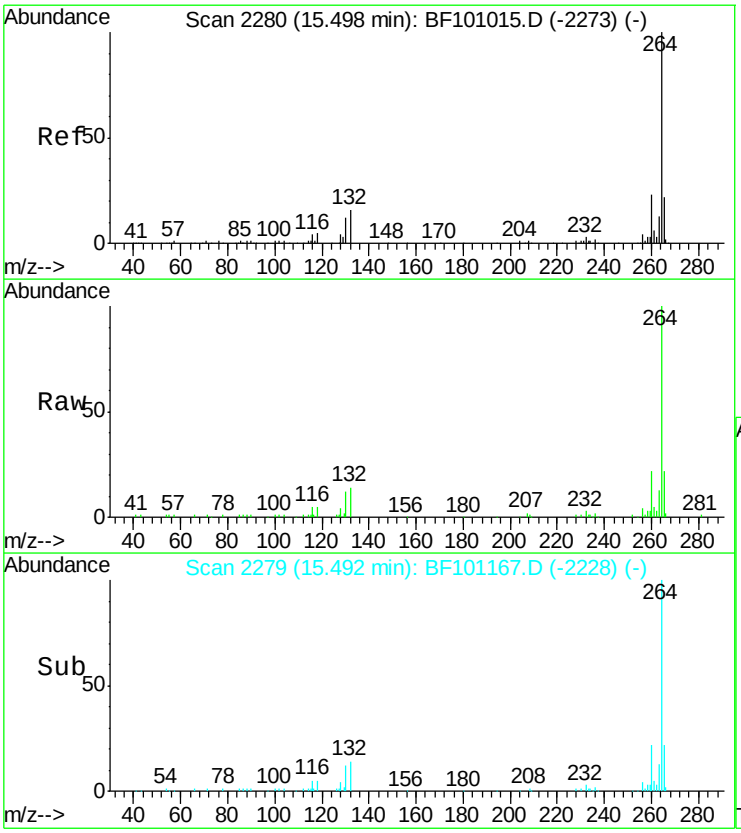
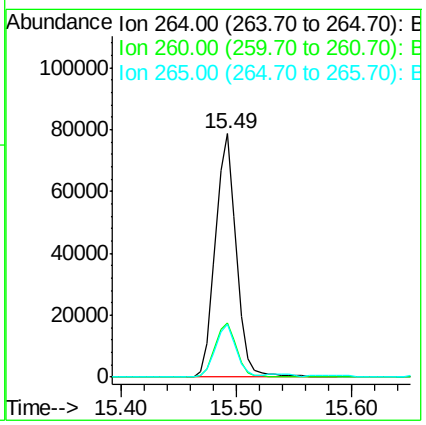
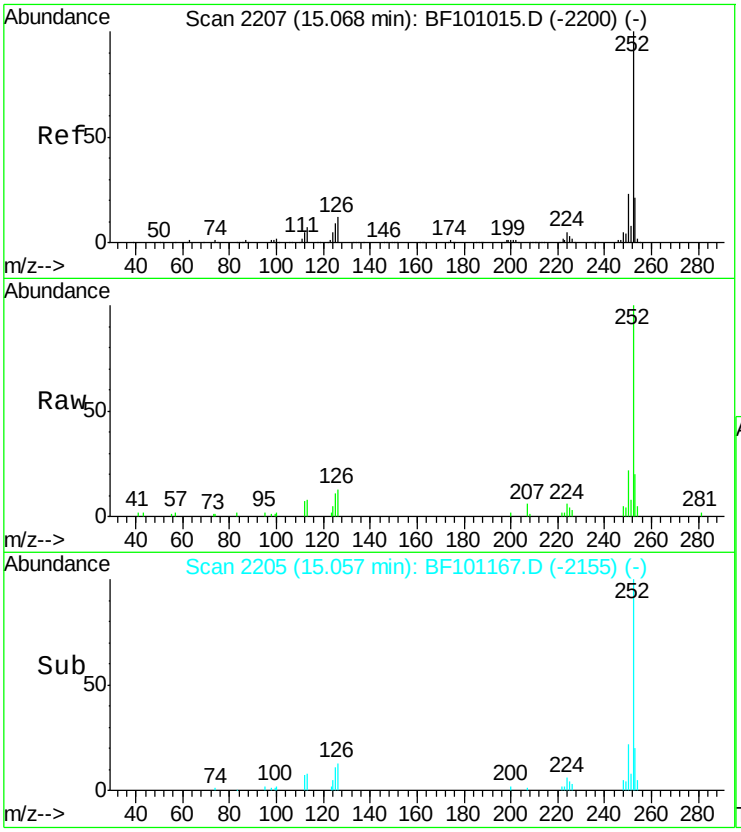


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.00 min
Lab File: BF101167.D
Acq: 6 Dec 2017 15:04

Tgt Ion:264 Resp: 98879

Ion	Ratio	Lower	Upper
264	100		
260	22.1	19.2	28.8
265	21.7	17.5	26.3

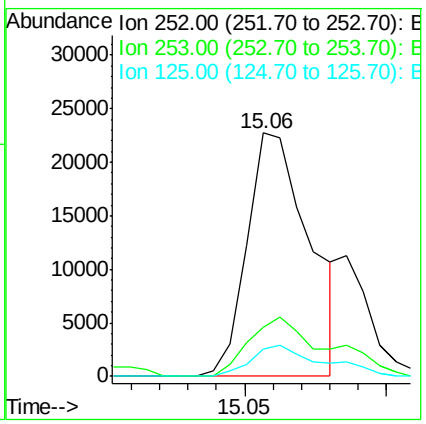




#87
Benzo(b)fluoranthene
Concen: 5.898 ng m
RT: 15.06 min Scan# 2205
Delta R.T. -0.01 min
Lab File: BF101167.D
Acq: 6 Dec 2017 15:04

Tgt Ion:252 Resp: 34932

Ion	Ratio	Lower	Upper
252	100		
253	19.9	17.0	25.6
125	11.3	9.0	13.6



Instrument :
BNA_F
ClientSampleId :
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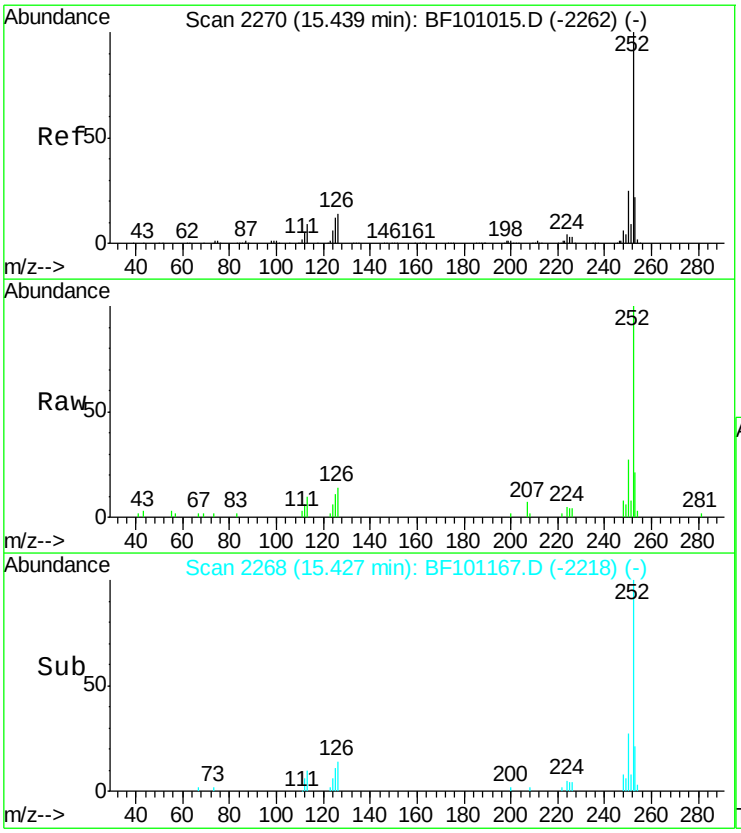
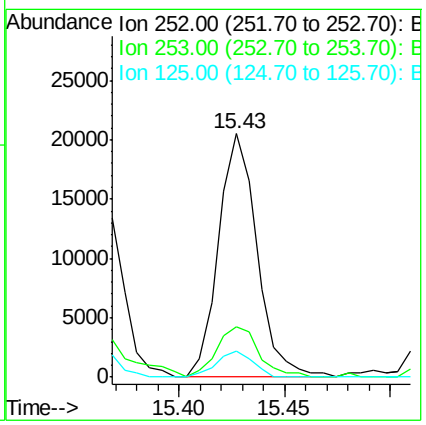
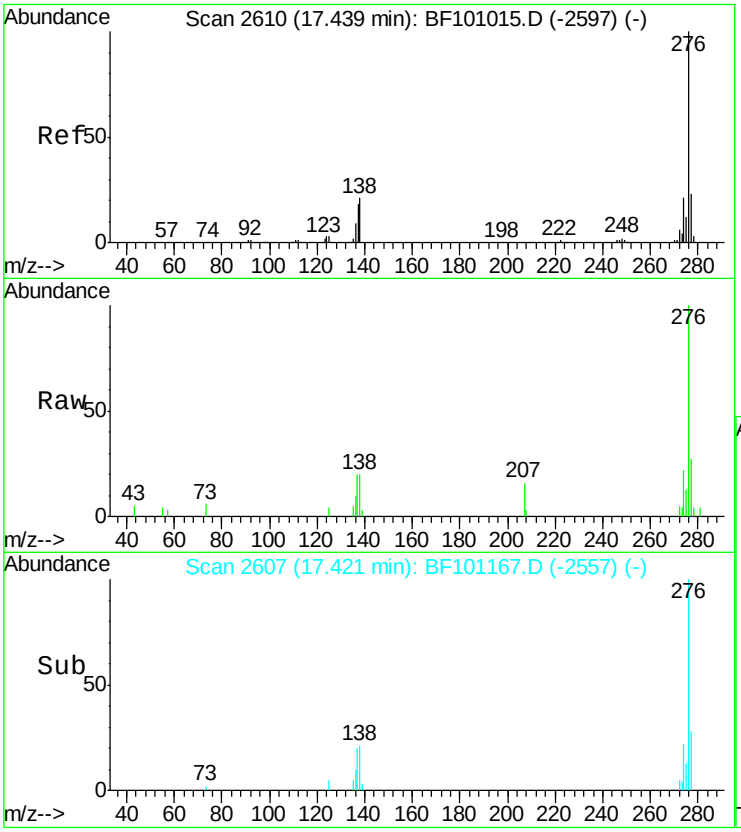


#89
Benzo(a)pyrene
Concen: 4.786 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF101167.D
Acq: 6 Dec 2017 15:04

Tgt Ion:252 Resp: 25771

Ion	Ratio	Lower	Upper
252	100		
253	20.8	17.1	25.7
125	10.8	9.8	14.6

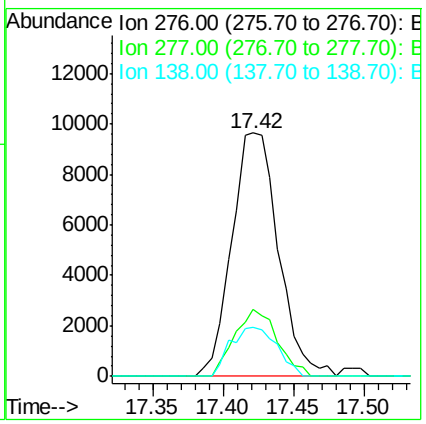




#91
Benzo(g,h,i)perylene
Concen: 4.994 ng
RT: 17.42 min Scan# 2607
Delta R.T. -0.01 min
Lab File: BF101167.D
Acq: 6 Dec 2017 15:04

Tgt Ion:276 Resp: 22341

Ion	Ratio	Lower	Upper
276	100		
277	27.4	17.9	26.9#
138	20.3	21.8	32.8#



Instrument :
BNA_F
ClientSampleId :
MH-3-E(0-1)

Manual Integrations APPROVED
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