Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112619\
Data File : BF118016.D
Acq On : 26 Nov 2019 19:23
Operator : JU
Sample : K5959-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WS-112019-0-2-COMP-B3

Manual Integrations APPROVED
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11/27/2019 11:33:44 PM

Quant Time: Nov 27 01:08:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 26 05:38:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	141008	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	506432	20.00	ng		0.00
39) Acenaphthene-d10	9.95	164	217151	20.00	ng		0.00
64) Phenanthrene-d10	11.44	188	283105	20.00	ng		0.00
76) Chrysene-d12	14.09	240	195537	20.00	ng		0.00
87) Perylene-d12	15.60	264	165712	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	622202	78.11	ng		0.01
7) Phenol-d6	6.52	99	919387	95.69	ng		0.00
23) Nitrobenzene-d5	7.46	82	520015	61.04	ng		0.00
42) 2,4,6-Tribromophenol	10.74	330	201426	87.62	ng		0.00
45) 2-Fluorobiphenyl	9.26	172	954228	78.84	ng		0.00
79) Terphenyl-d14	13.03	244	705568	65.95	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.53	94	20303	2.033	ng		93
50) Dimethylphthalate	9.65	163	164445	10.799	ng		98
52) Acenaphthene	9.97	154	27974	2.260	ng		96
71) Phenanthrene	11.46	178	634574	44.583	ng		97
72) Anthracene	11.52	178	150056	10.633	ng		98
73) Carbazole	11.67	167	32648	2.647	ng		98
75) Fluoranthene	12.66	202	875238	72.049	ng		99
78) Pyrene	12.89	202	929570	58.825	ng		99
81) Benzo(a)anthracene	14.09	228	483718	37.436	ng		98
83) Chrysene	14.12	228	451899	36.092	ng		99
84) Bis(2-ethylhexyl)phthalate	14.06	149	18517	2.250	ng	#	99
86) Indeno(1,2,3-cd)pyrene	17.13	276	134782	12.648	ng	#	94
88) Benzo(b)fluoranthene	15.16	252	410807m	38.157	ng		
89) Benzo(k)fluoranthene	15.18	252	107031m	10.551	ng		
90) Benzo(a)pyrene	15.53	252	264829	27.973	ng		99
91) Dibenzo(a,h)anthracene	17.13	278	41856	5.137	ng	#	93
92) Benzo(g,h,i)perylene	17.59	276	126670	15.607	ng		99

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

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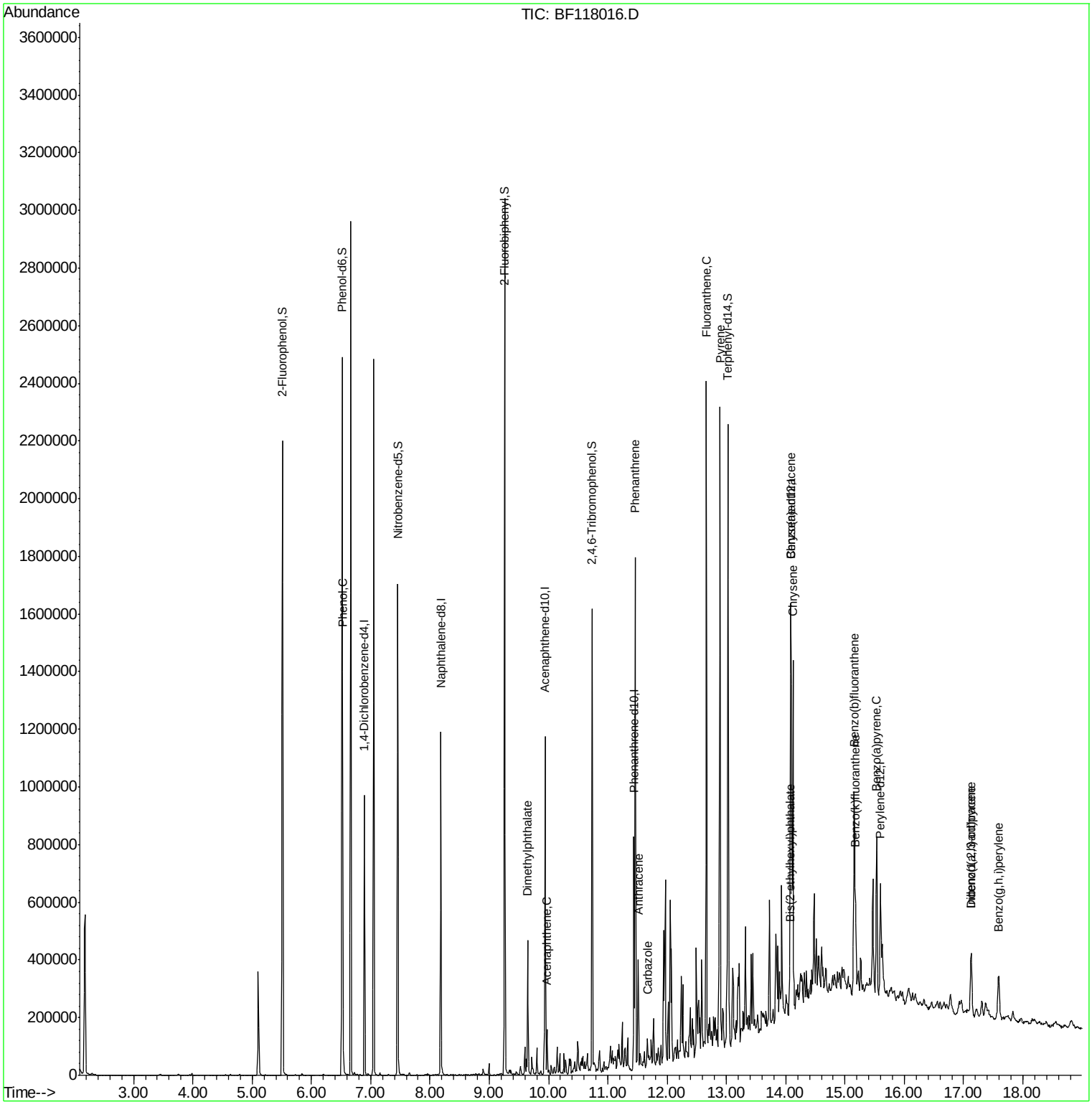
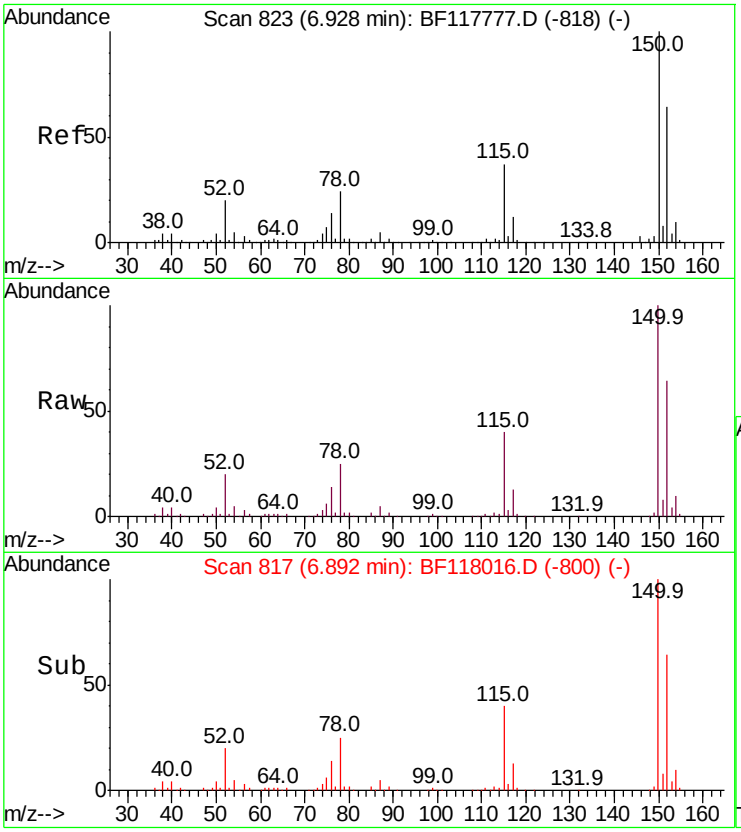
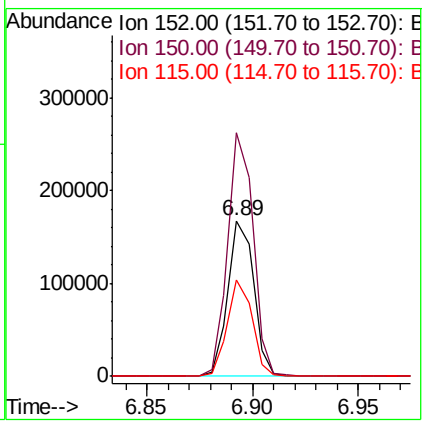




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. 0.00 min
Lab File: BF118016.D
Acq: 26 Nov 2019 19:23

Tgt Ion:152 Resp: 141008

Ion	Ratio	Lower	Upper
152	100		
150	156.6	125.3	187.9
115	62.3	47.0	70.4



Instrument :
BNA_F
ClientSampleId :
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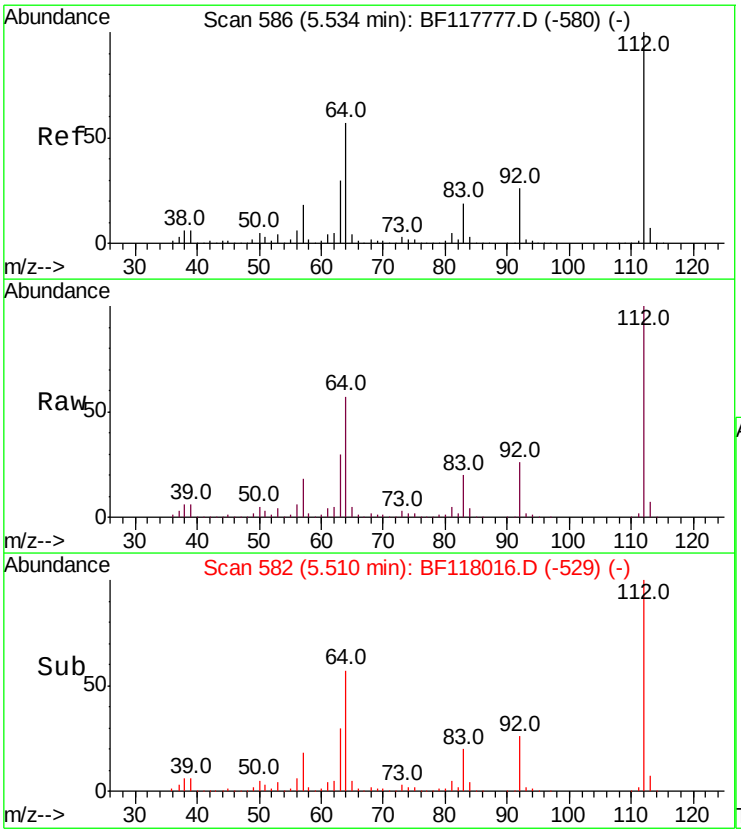
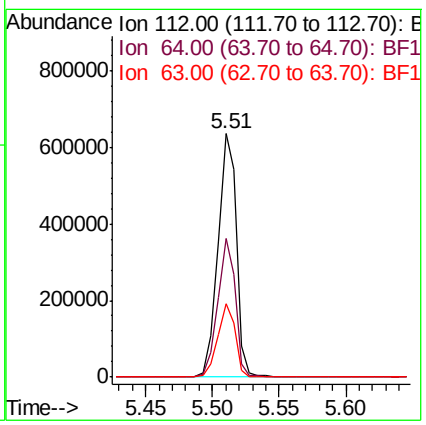
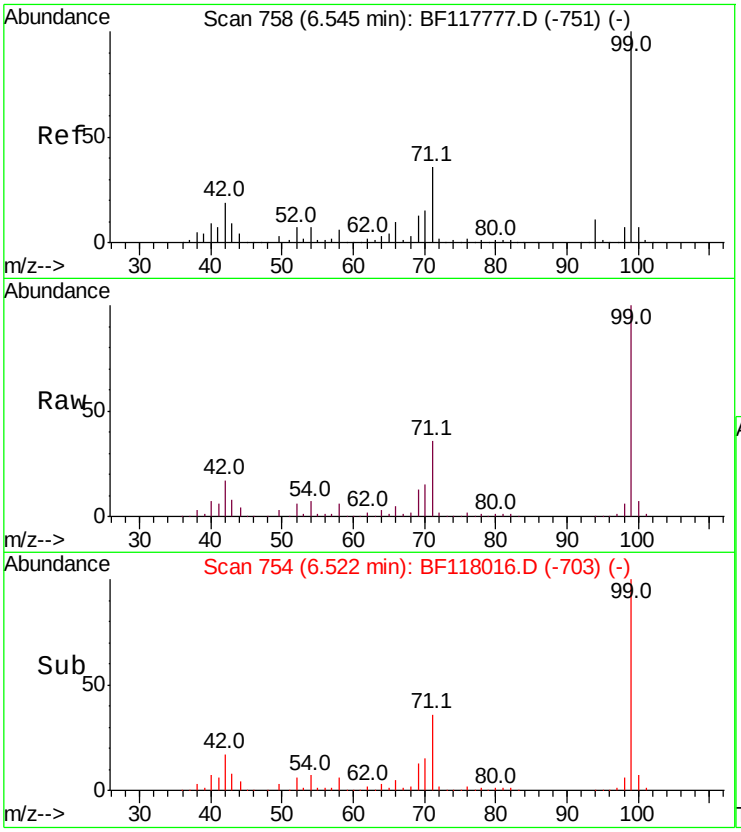


#5
2-Fluorophenol
Concen: 78.106 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.01 min
Lab File: BF118016.D
Acq: 26 Nov 2019 19:23

Tgt Ion:112 Resp: 622202

Ion	Ratio	Lower	Upper
112	100		
64	56.7	45.6	68.4
63	30.4	24.1	36.1

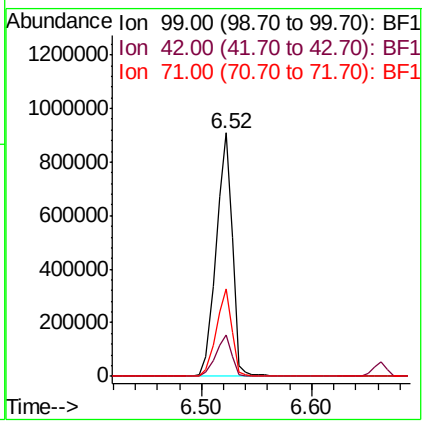




#7
Phenol-d6
Concen: 95.686 ng
RT: 6.52 min Scan# 754
Delta R.T. 0.00 min
Lab File: BF118016.D
Acq: 26 Nov 2019 19:23

Tgt Ion: 99 Resp: 919387

Ion	Ratio	Lower	Upper
99	100		
42	16.9	14.9	22.3
71	35.8	28.6	43.0



Instrument :
BNA_F
ClientSampleId :
WS-112019-0-2-COMP-B3

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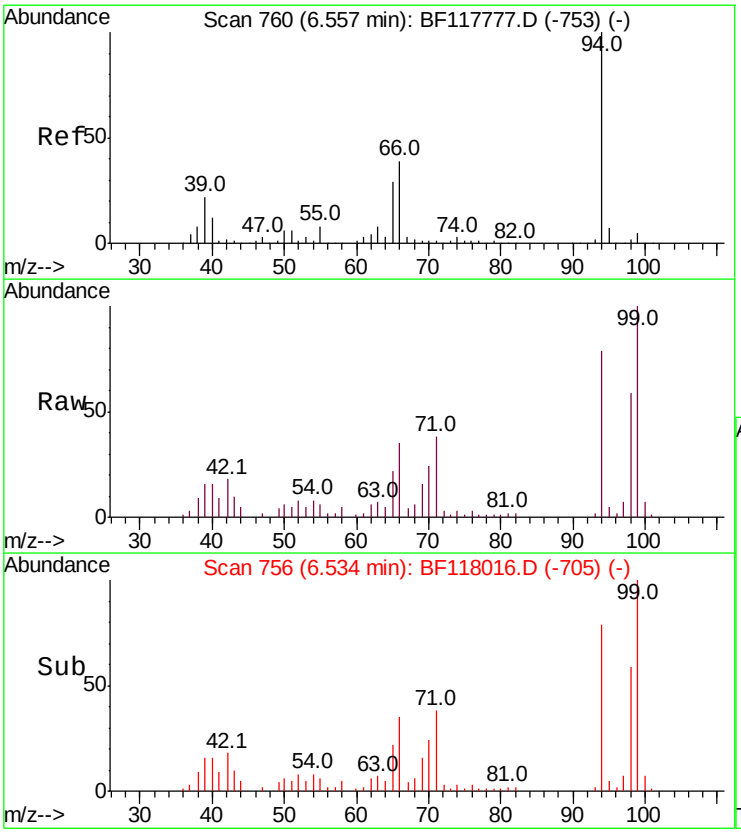
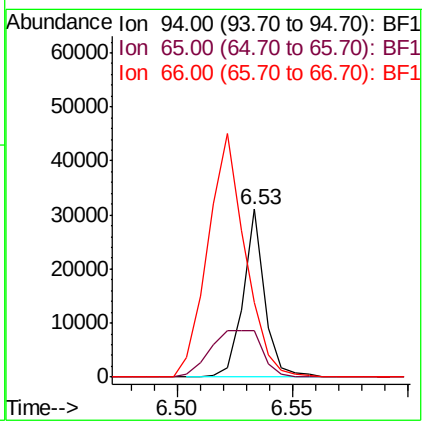
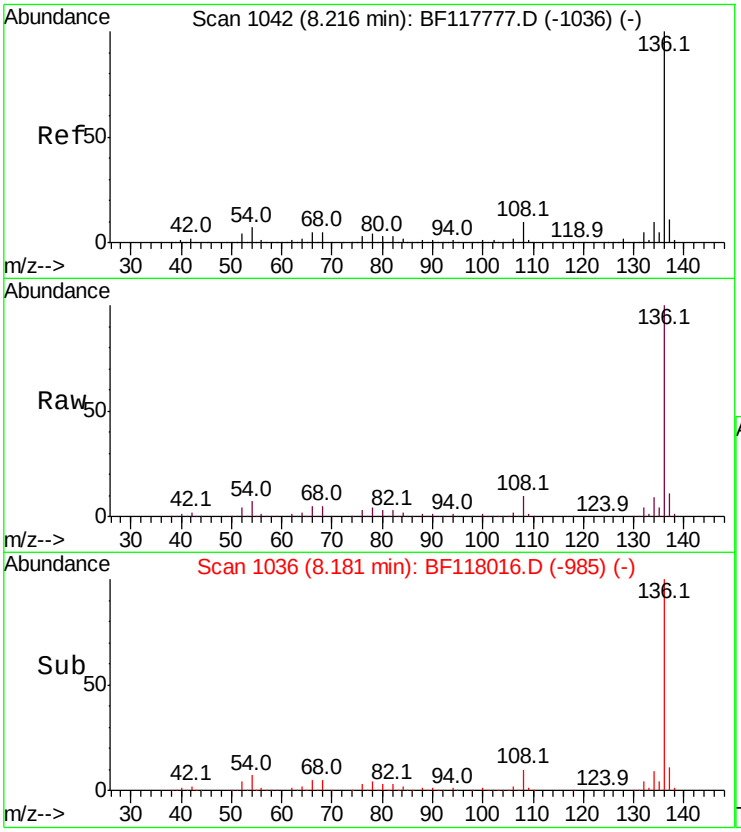


#10
Phenol
Concen: 2.033 ng
RT: 6.53 min Scan# 756
Delta R.T. 0.00 min
Lab File: BF118016.D
Acq: 26 Nov 2019 19:23

Tgt Ion: 94 Resp: 20303

Ion	Ratio	Lower	Upper
94	100		
65	27.5	8.9	48.9
66	44.6	18.7	58.7

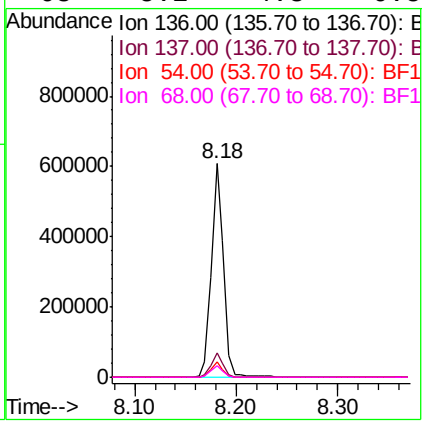




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF118016.D
Acq: 26 Nov 2019 19:23

Tgt Ion:136 Resp: 506432

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	7.0	5.4	8.2
68	5.2	4.3	6.5



Instrument :
BNA_F
ClientSampleId :
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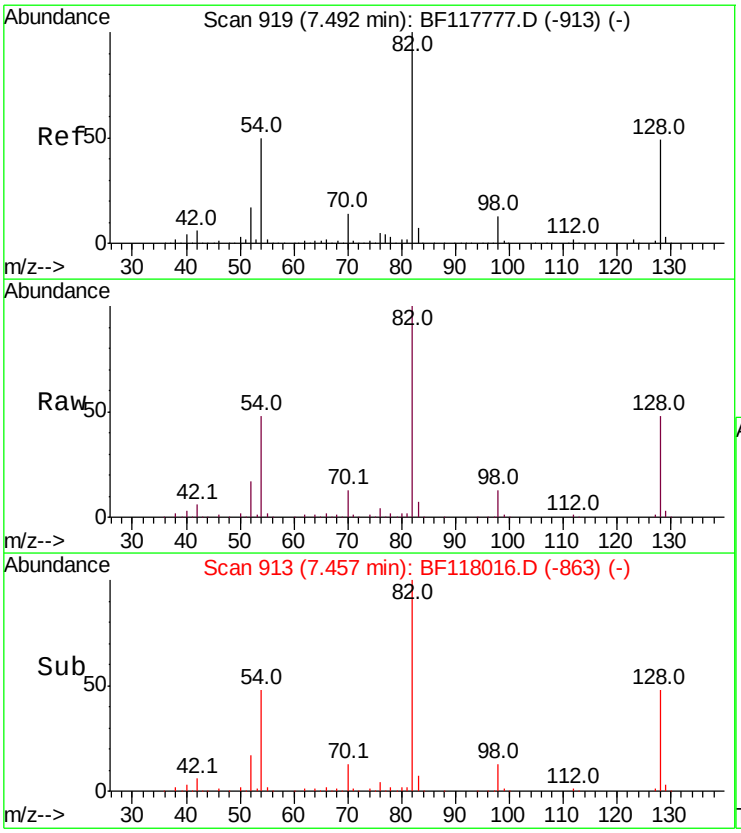
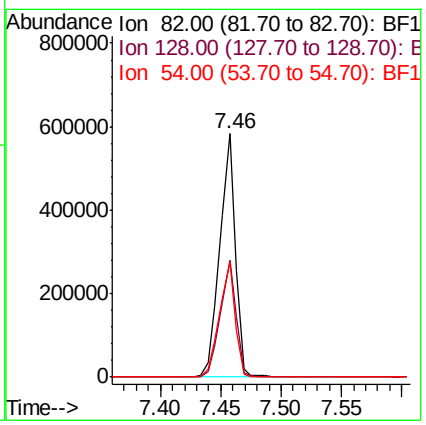
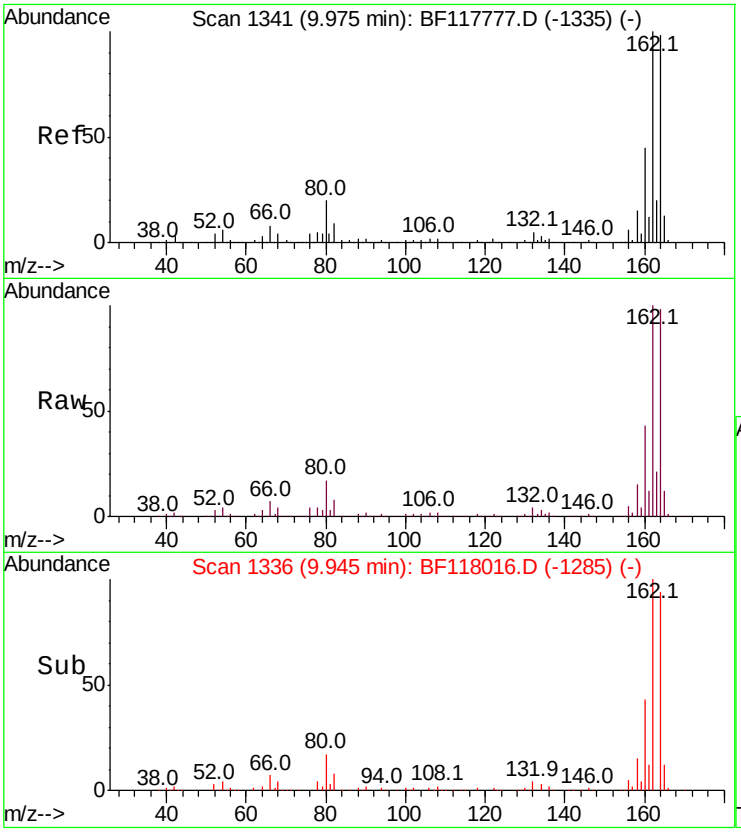


#23
Nitrobenzene-d5
Concen: 61.040 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.01 min
Lab File: BF118016.D
Acq: 26 Nov 2019 19:23

Tgt Ion: 82 Resp: 520015

Ion	Ratio	Lower	Upper
82	100		
128	48.3	38.9	58.3
54	47.7	39.8	59.6

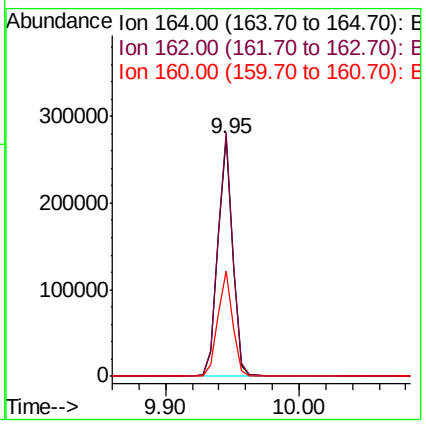




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BF118016.D
Acq: 26 Nov 2019 19:23

Tgt Ion:164 Resp: 217151

Ion	Ratio	Lower	Upper
164	100		
162	102.2	81.3	121.9
160	44.2	36.6	55.0



Instrument :
BNA_F
ClientSampleId :
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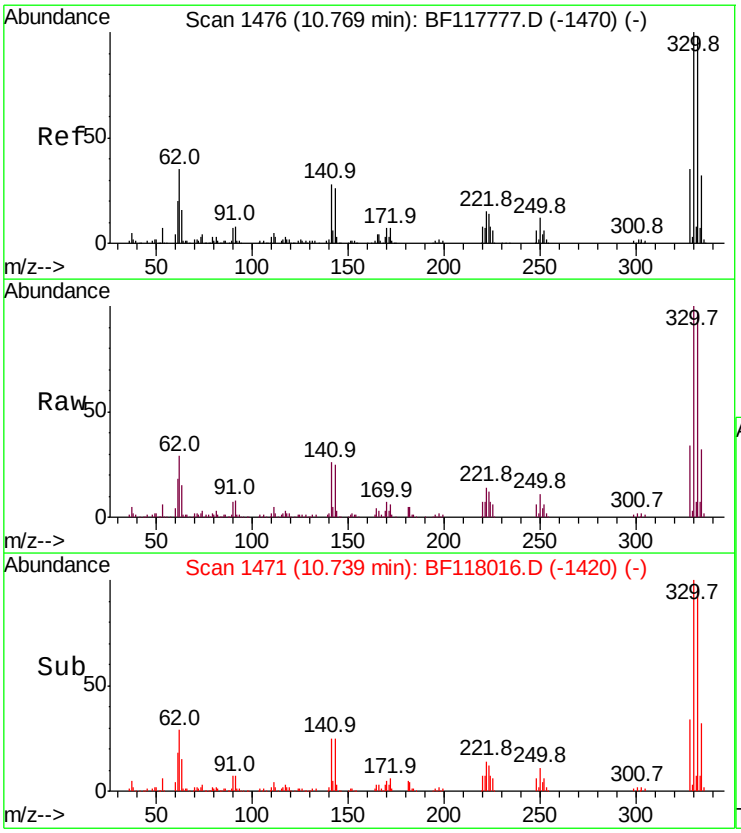
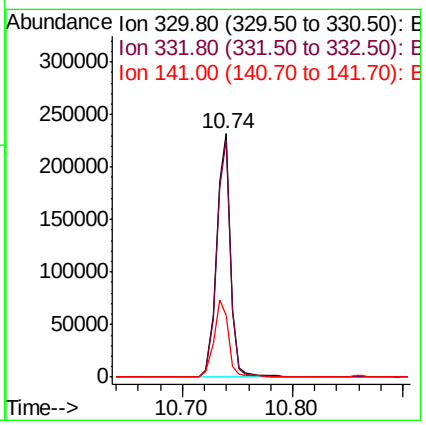
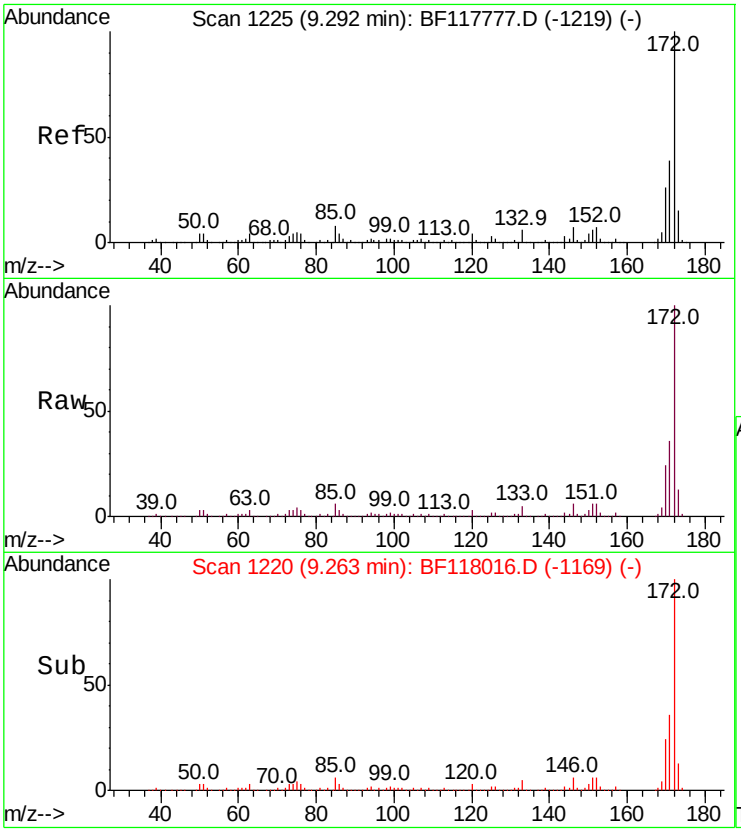


#42
2,4,6-Tribromophenol
Concen: 87.616 ng
RT: 10.74 min Scan# 1471
Delta R.T. 0.00 min
Lab File: BF118016.D
Acq: 26 Nov 2019 19:23

Tgt Ion:330 Resp: 201426

Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.7	115.1
141	33.7	27.7	41.5

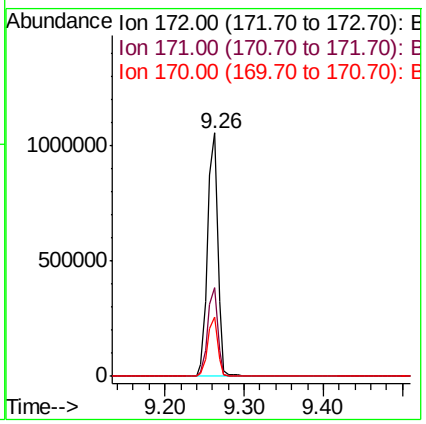




#45
2-Fluorobiphenyl
Concen: 78.835 ng
RT: 9.26 min Scan# 1220
Delta R.T. 0.00 min
Lab File: BF118016.D
Acq: 26 Nov 2019 19:23

Tgt Ion:172 Resp: 954228

Ion	Ratio	Lower	Upper
172	100		
171	36.3	30.9	46.3
170	24.1	21.0	31.4



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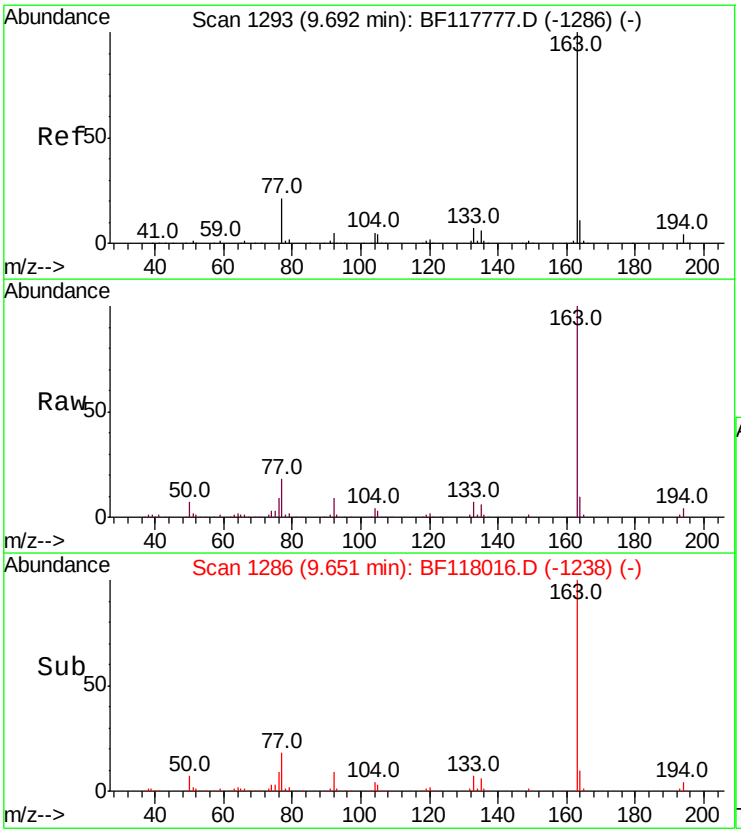
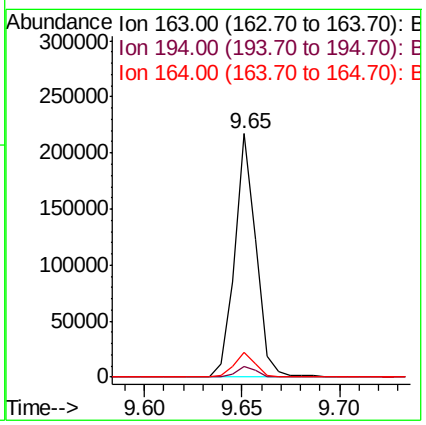
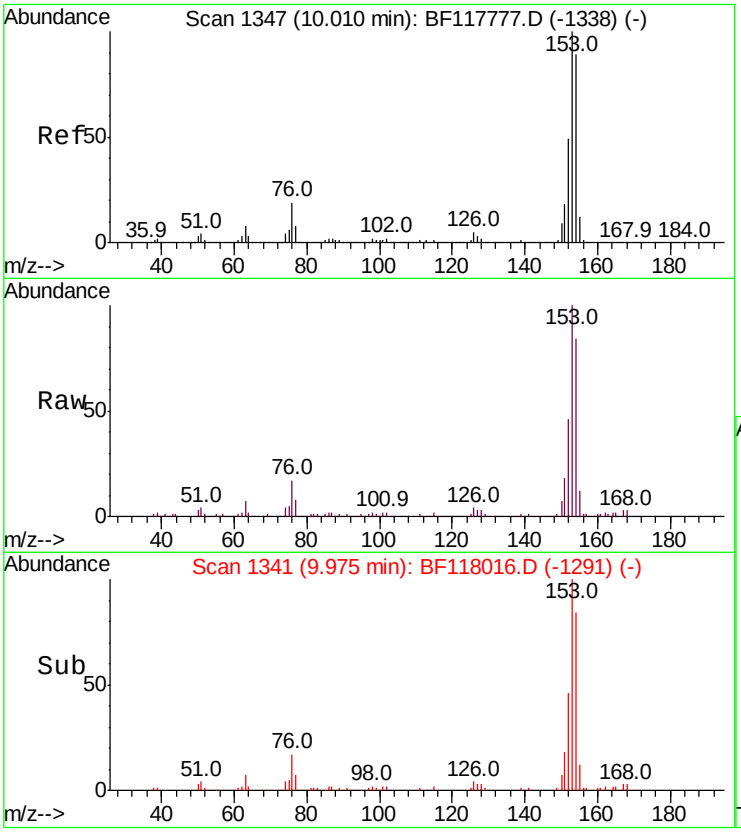


#50
Dimethylphthalate
Concen: 10.799 ng
RT: 9.65 min Scan# 1286
Delta R.T. -0.02 min
Lab File: BF118016.D
Acq: 26 Nov 2019 19:23

Tgt Ion:163 Resp: 164445

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.3	4.9
164	9.9	8.7	13.1

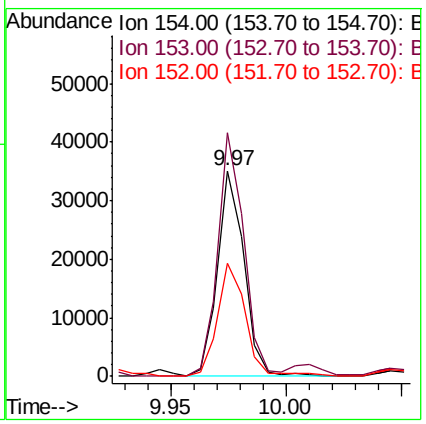




#52
Acenaphthene
Concen: 2.260 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF118016.D
Acq: 26 Nov 2019 19:23

Tgt Ion:154 Resp: 27974

Ion	Ratio	Lower	Upper
154	100		
153	118.5	90.1	135.1
152	55.0	44.0	66.0



Instrument :
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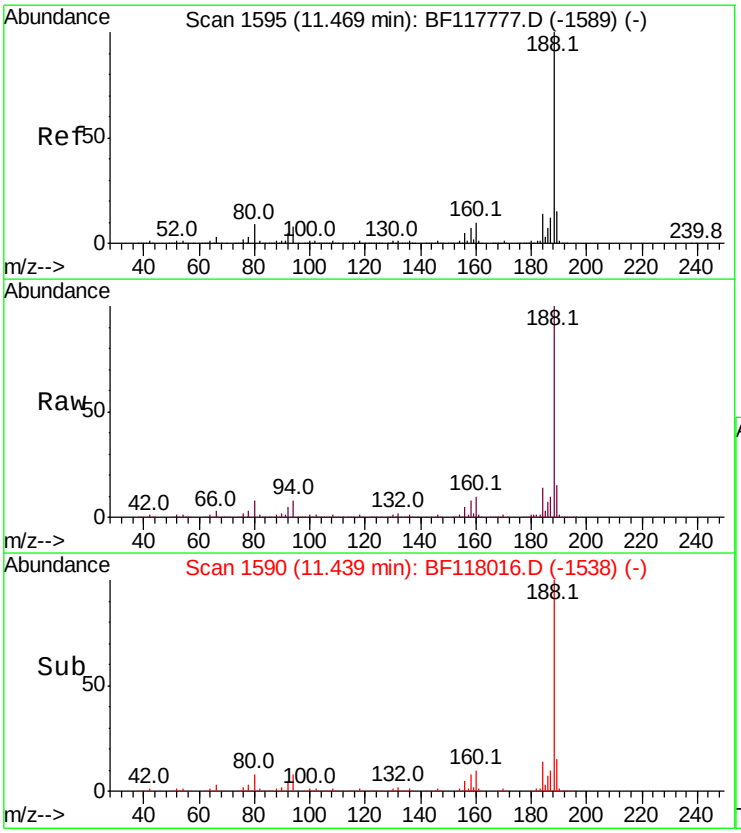
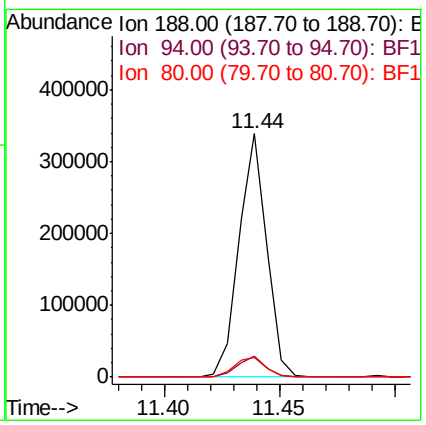
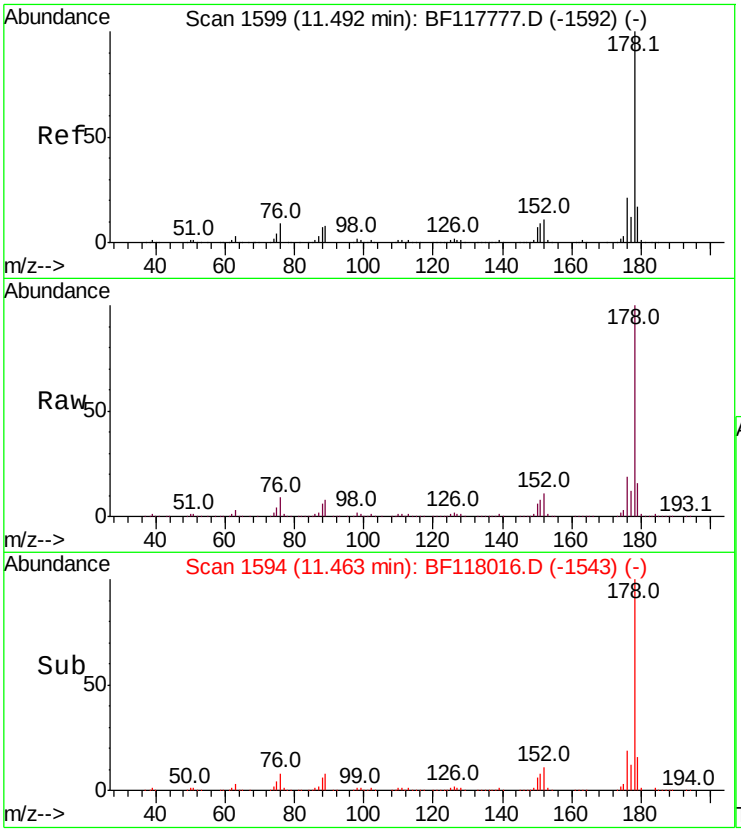


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.44 min Scan# 1590
Delta R.T. 0.01 min
Lab File: BF118016.D
Acq: 26 Nov 2019 19:23

Tgt Ion:188 Resp: 283105

Ion	Ratio	Lower	Upper
188	100		
94	8.4	6.6	10.0
80	8.2	7.2	10.8

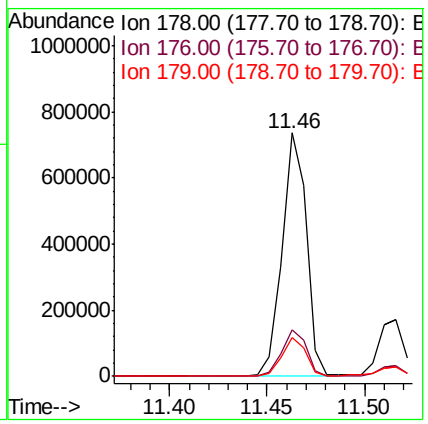




#71
Phenanthrene
Concen: 44.583 ng
RT: 11.46 min Scan# 1594
Delta R.T. 0.00 min
Lab File: BF118016.D
Acq: 26 Nov 2019 19:23

Tgt Ion:178 Resp: 634574

Ion	Ratio	Lower	Upper
178	100		
176	19.2	16.6	25.0
179	15.8	13.2	19.8



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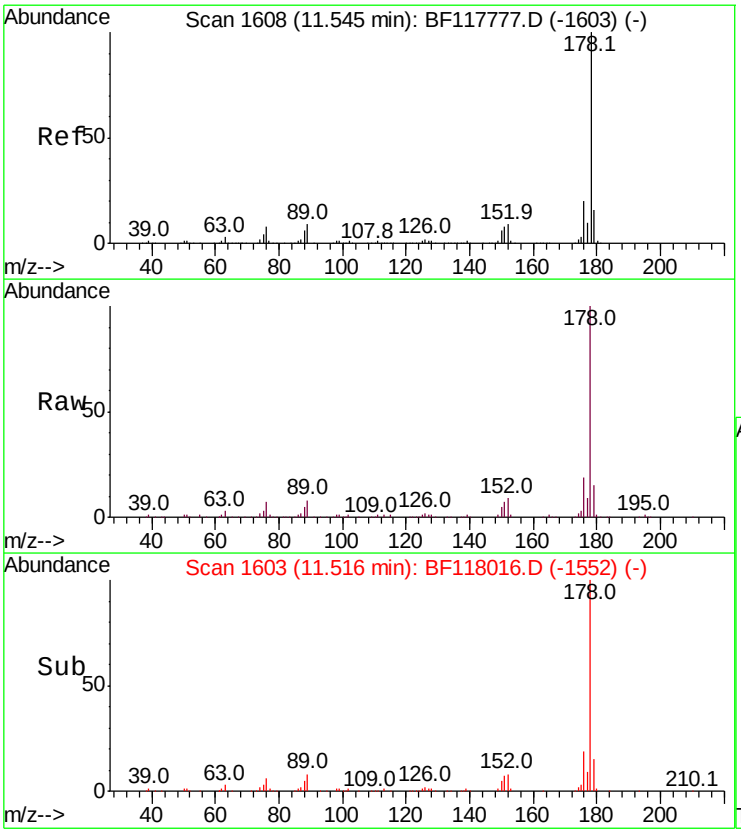
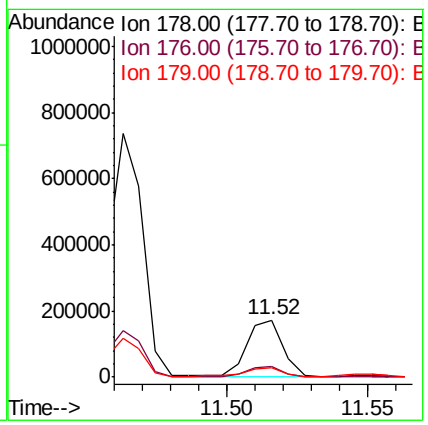
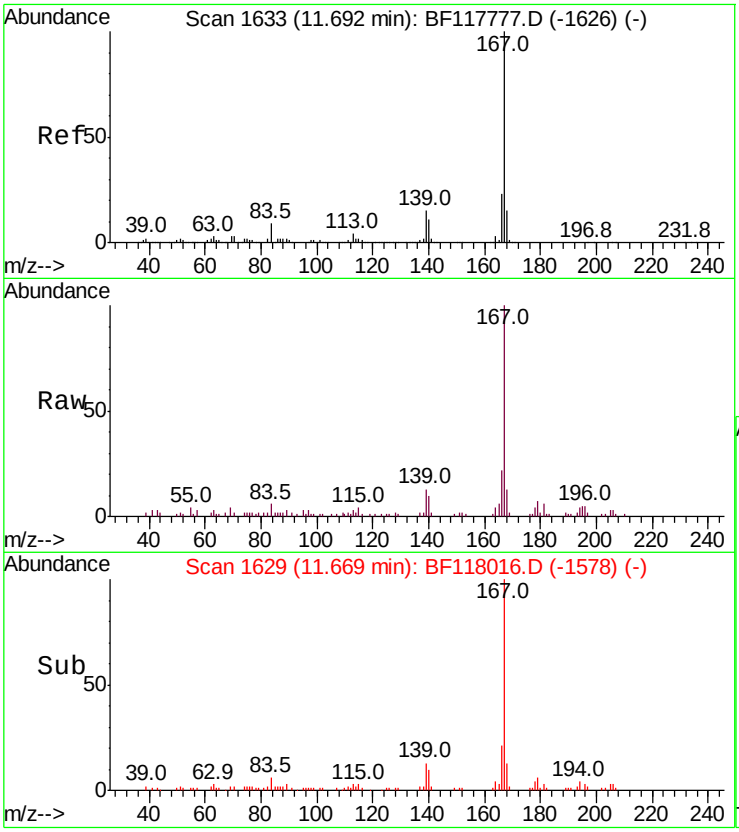


#72
Anthracene
Concen: 10.633 ng
RT: 11.52 min Scan# 1603
Delta R.T. 0.00 min
Lab File: BF118016.D
Acq: 26 Nov 2019 19:23

Tgt Ion:178 Resp: 150056

Ion	Ratio	Lower	Upper
178	100		
176	18.8	16.1	24.1
179	15.4	13.0	19.4

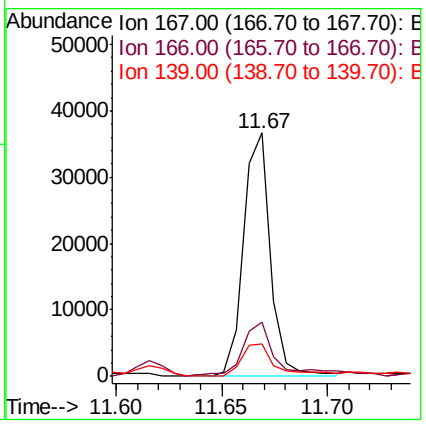




#73
Carbazole
Concen: 2.647 ng
RT: 11.67 min Scan# 1629
Delta R.T. 0.00 min
Lab File: BF118016.D
Acq: 26 Nov 2019 19:23

Tgt Ion:167 Resp: 32648

Ion	Ratio	Lower	Upper
167	100		
166	22.2	18.0	27.0
139	13.4	11.7	17.5



Instrument :
BNA_F
ClientSampleId :
WS-112019-0-2-COMP-B3

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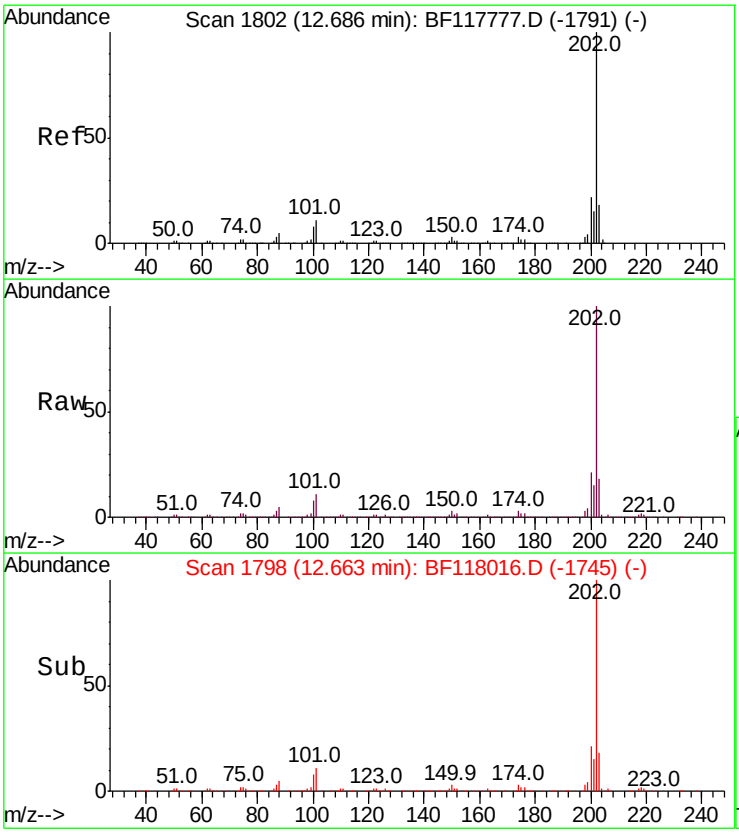
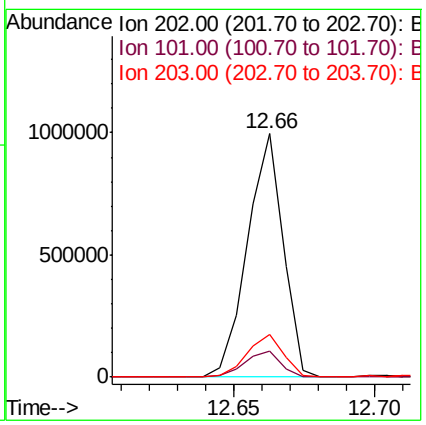
11/27/2019 11:33:44 PM

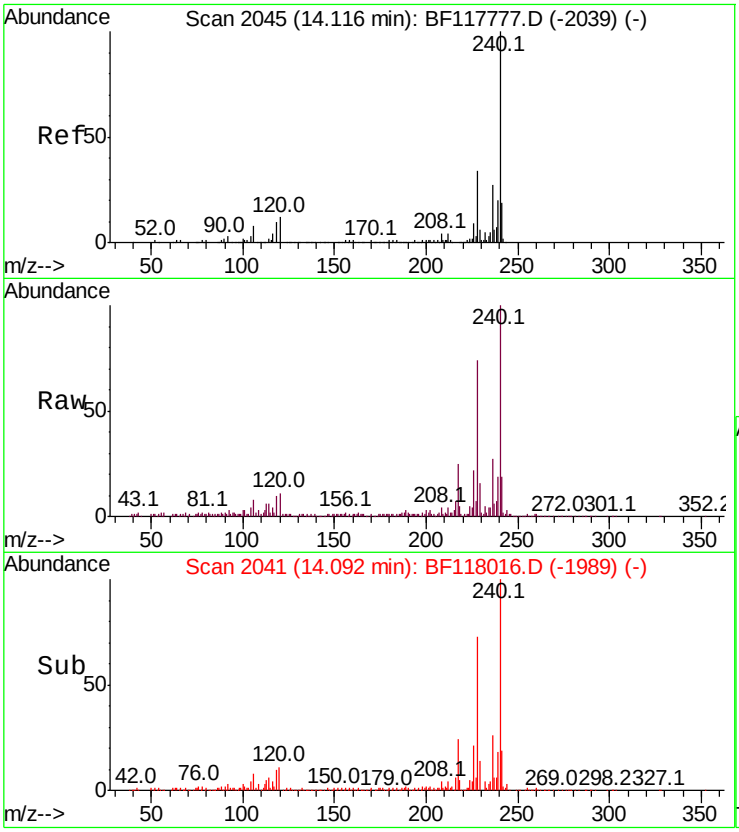


#75
Fluoranthene
Concen: 72.049 ng
RT: 12.66 min Scan# 1798
Delta R.T. 0.01 min
Lab File: BF118016.D
Acq: 26 Nov 2019 19:23

Tgt Ion:202 Resp: 875238

Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	31.1
203	17.6	0.0	38.2

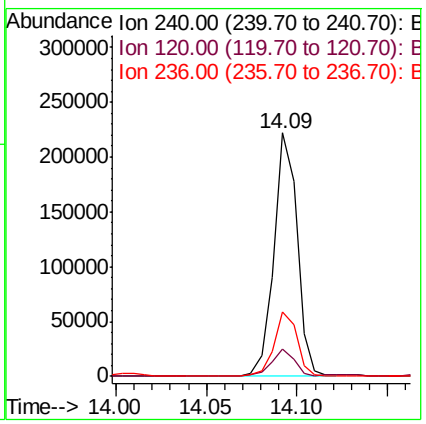




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.09 min Scan# 2041
Delta R.T. 0.01 min
Lab File: BF118016.D
Acq: 26 Nov 2019 19:23

Tgt Ion:240 Resp: 195537

Ion	Ratio	Lower	Upper
240	100		
120	11.4	9.5	14.3
236	26.7	21.3	31.9



Instrument :
BNA_F
ClientSampleId :
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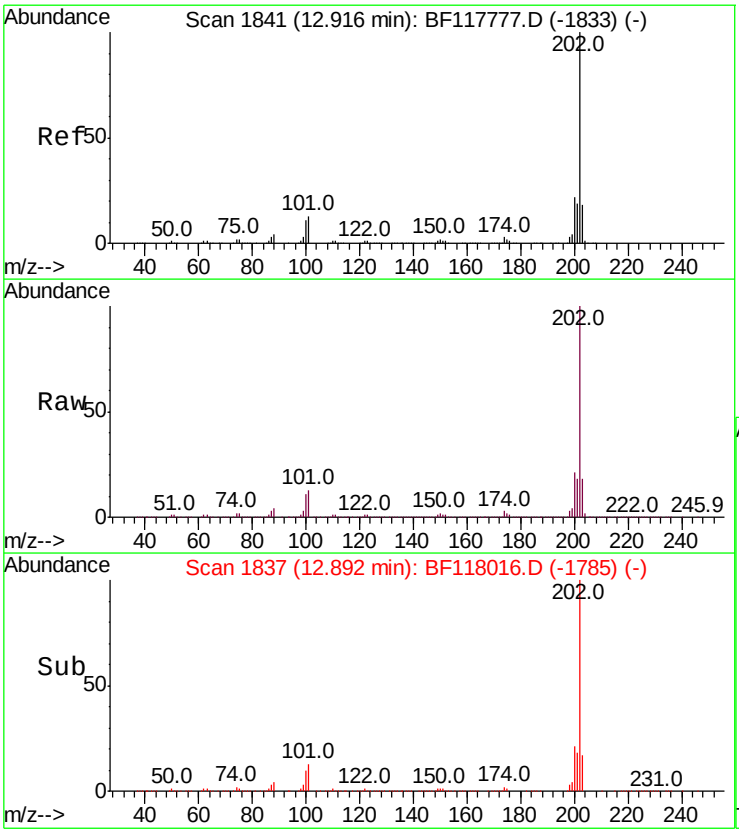
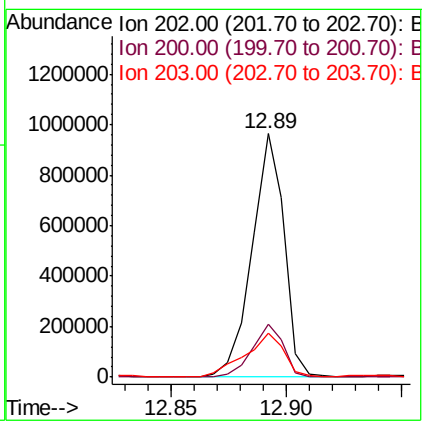
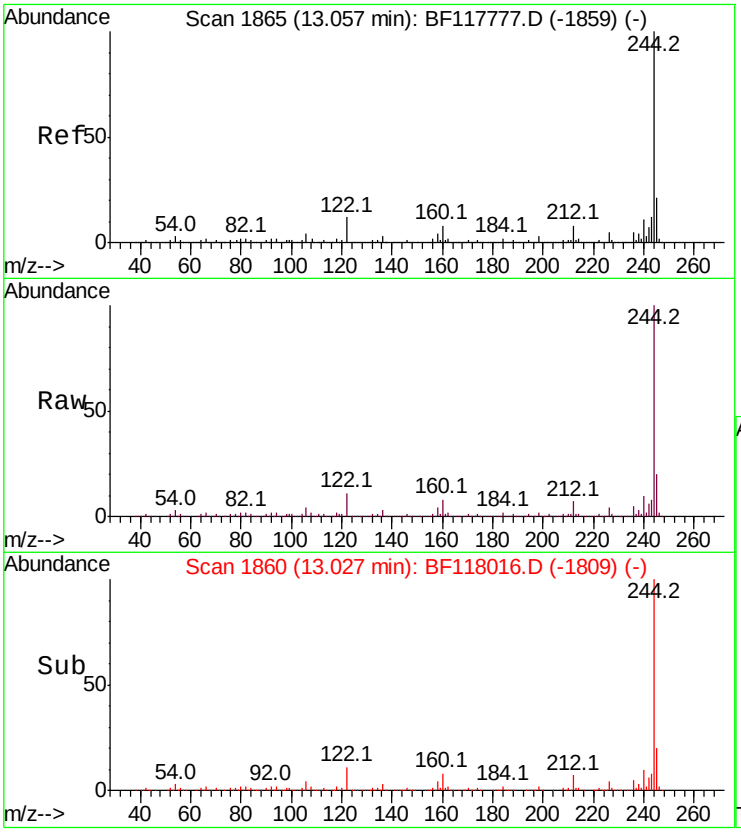


#78
Pyrene
Concen: 58.825 ng
RT: 12.89 min Scan# 1837
Delta R.T. 0.01 min
Lab File: BF118016.D
Acq: 26 Nov 2019 19:23

Tgt Ion:202 Resp: 929570

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.8	26.8
203	17.8	14.6	22.0

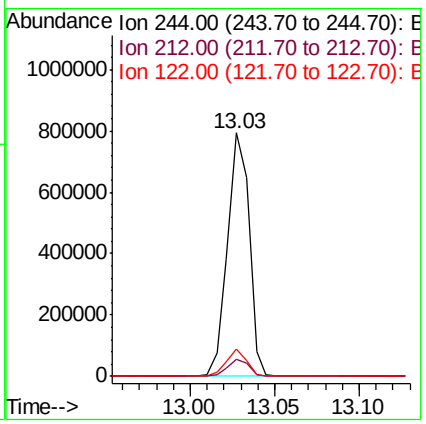




#79
Terphenyl-d14
Concen: 65.947 ng
RT: 13.03 min Scan# 1860
Delta R.T. 0.00 min
Lab File: BF118016.D
Acq: 26 Nov 2019 19:23

Tgt Ion:244 Resp: 705568

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.3	9.5
122	11.3	9.4	14.2



Instrument :
BNA_F
ClientSampleId :
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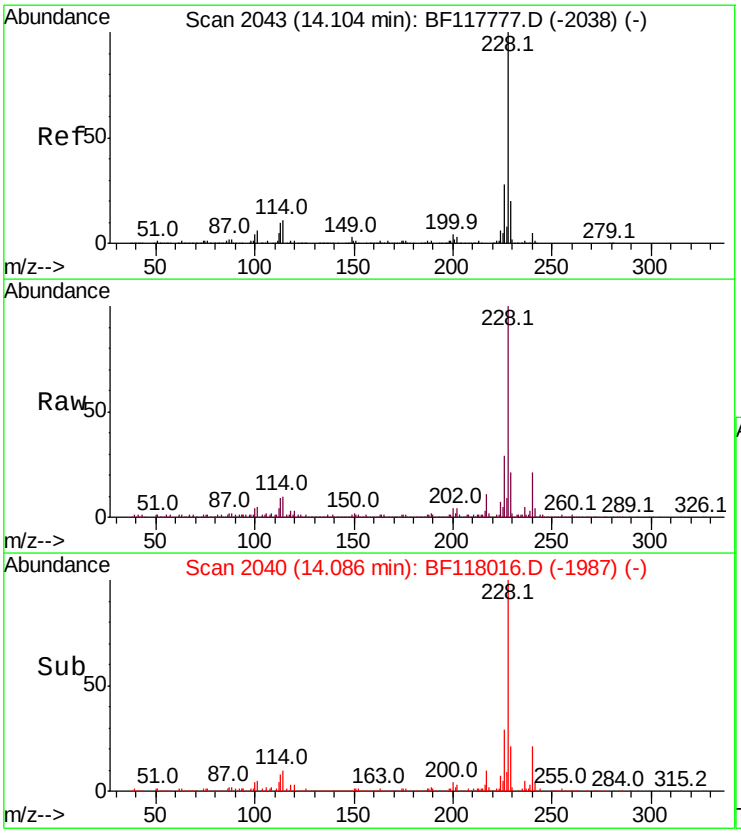
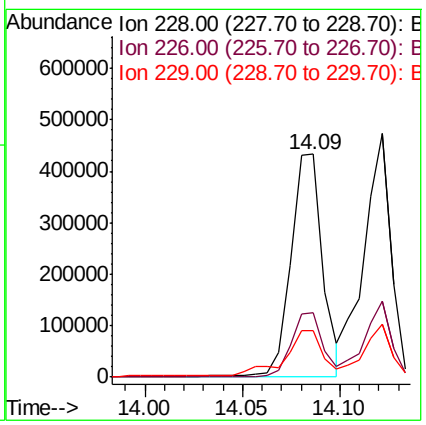
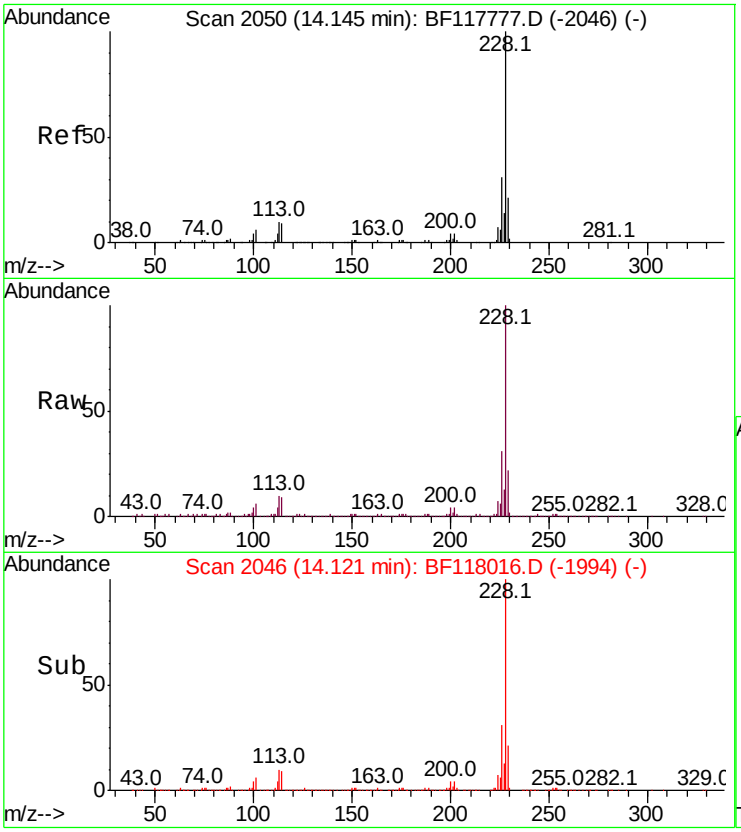


#81
Benzo(a)anthracene
Concen: 37.436 ng
RT: 14.09 min Scan# 2040
Delta R.T. 0.01 min
Lab File: BF118016.D
Acq: 26 Nov 2019 19:23

Tgt Ion:228 Resp: 483718

Ion	Ratio	Lower	Upper
228	100		
226	29.1	22.2	33.2
229	20.8	15.9	23.9

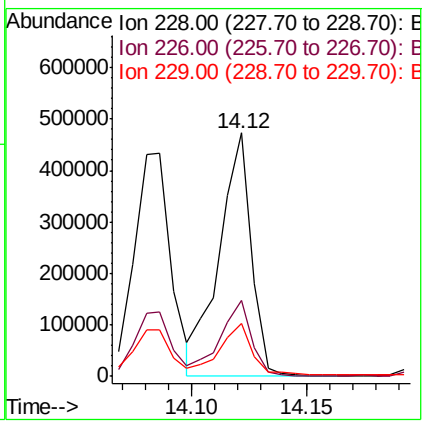




#83
Chrysene
Concen: 36.092 ng
RT: 14.12 min Scan# 2046
Delta R.T. 0.01 min
Lab File: BF118016.D
Acq: 26 Nov 2019 19:23

Tgt Ion:228 Resp: 451899

Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.0	37.4
229	21.7	16.6	25.0



Instrument :
BNA_F
ClientSampleId :
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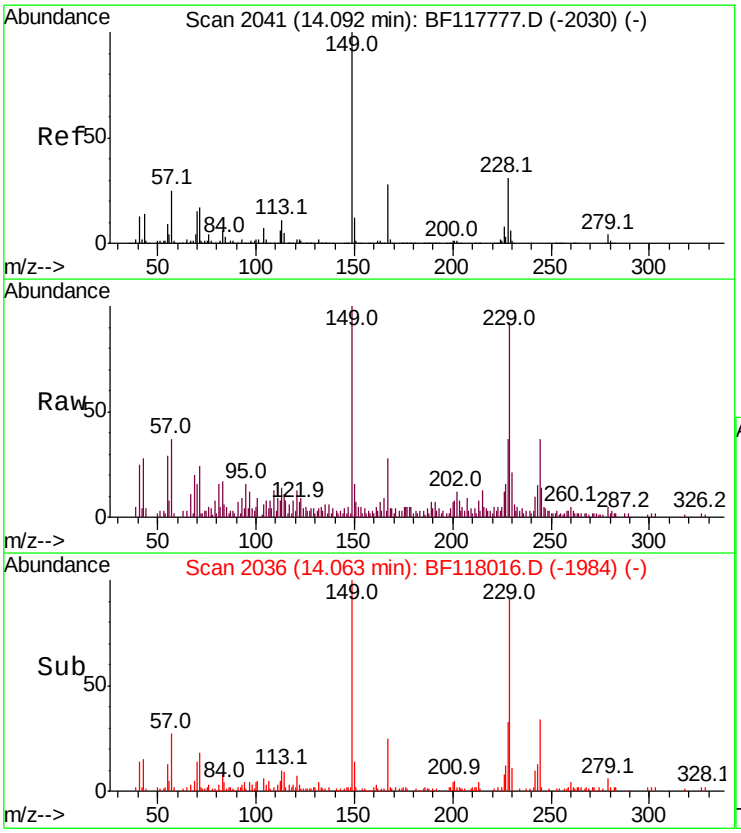
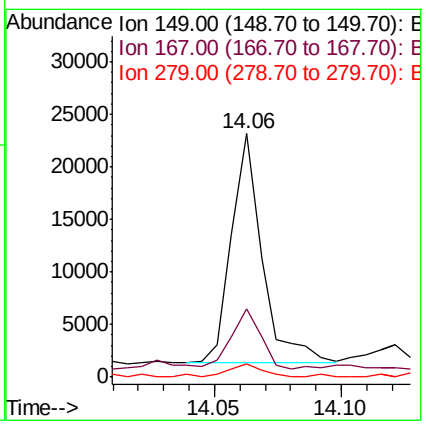
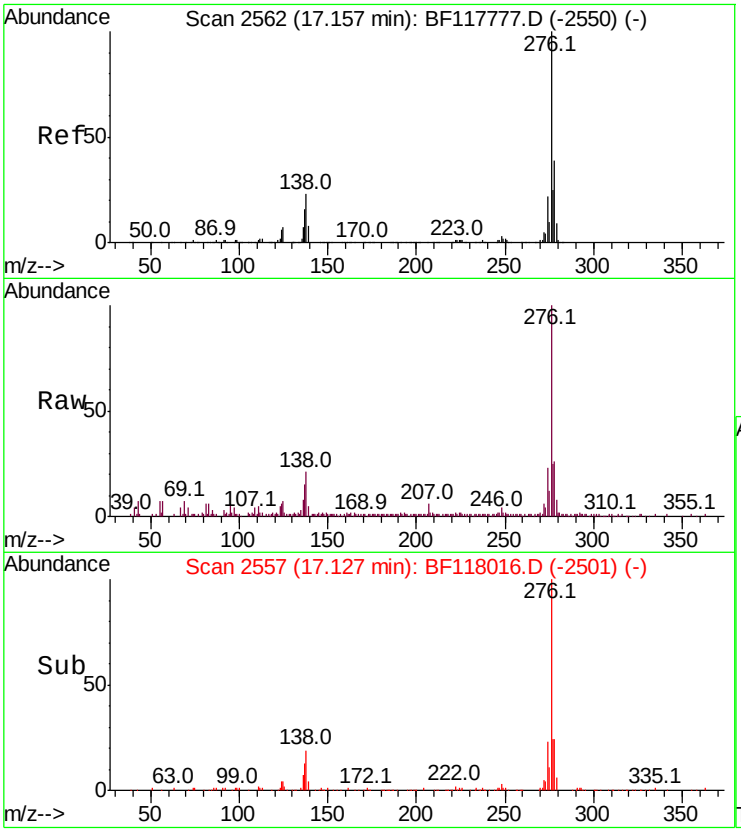


#84
Bis(2-ethylhexyl)phthalate
Concen: 2.250 ng
RT: 14.06 min Scan# 2036
Delta R.T. 0.01 min
Lab File: BF118016.D
Acq: 26 Nov 2019 19:23

Tgt Ion:149 Resp: 18517

Ion	Ratio	Lower	Upper
149	100		
167	28.1	22.2	33.2
279	5.5	3.4	5.2#

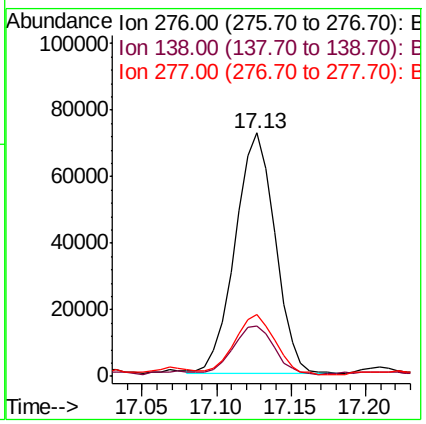




#86
Indeno(1,2,3-cd)pyrene
Concen: 12.648 ng
RT: 17.13 min Scan# 2557
Delta R.T. 0.03 min
Lab File: BF118016.D
Acq: 26 Nov 2019 19:23

Tgt Ion:276 Resp: 134782

Ion	Ratio	Lower	Upper
276	100		
138	20.4	20.9	31.3#
277	25.1	20.3	30.5



Instrument :
BNA_F
ClientSampleId :
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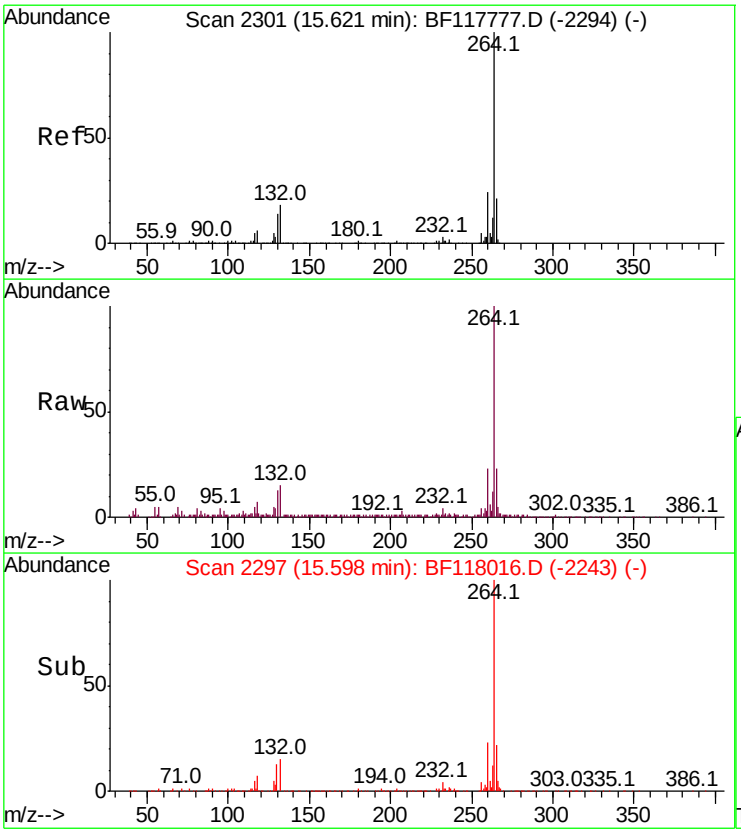
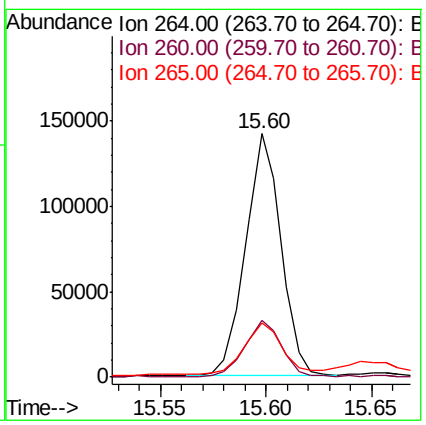
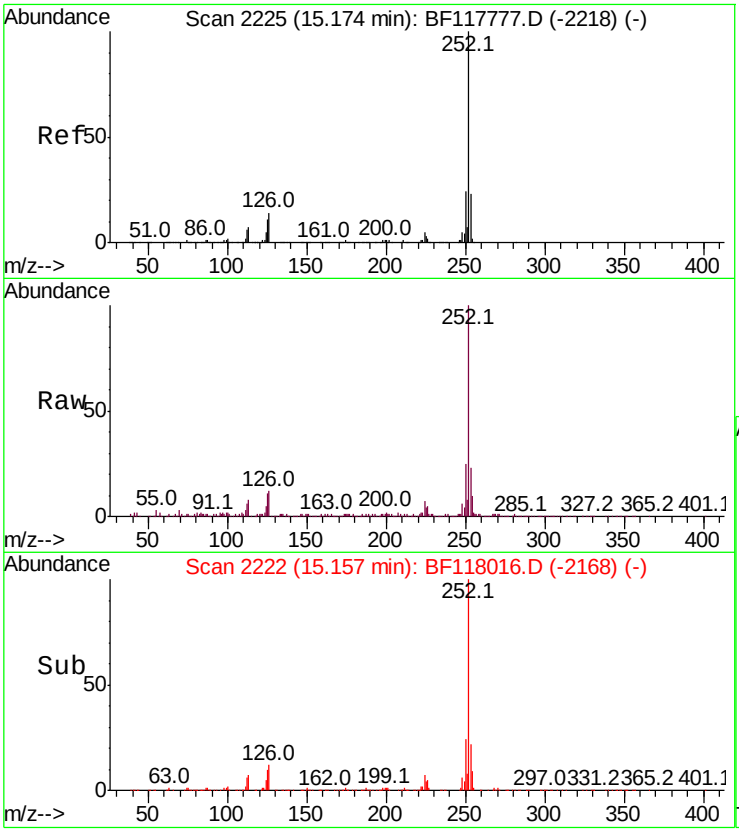


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.60 min Scan# 2297
Delta R.T. 0.02 min
Lab File: BF118016.D
Acq: 26 Nov 2019 19:23

Tgt Ion:264 Resp: 165712

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.4	29.0
265	22.5	17.1	25.7

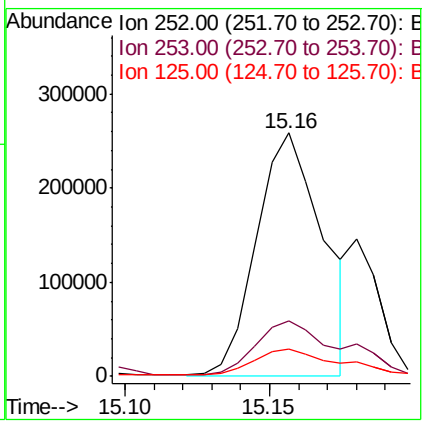




#88
Benzo(b)fluoranthene
Concen: 38.157 ng m
RT: 15.16 min Scan# 2222
Delta R.T. 0.02 min
Lab File: BF118016.D
Acq: 26 Nov 2019 19:23

Tgt Ion:252 Resp: 410807

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.0	27.0
125	11.0	8.6	13.0



Instrument :
BNA_F
ClientSampleId :
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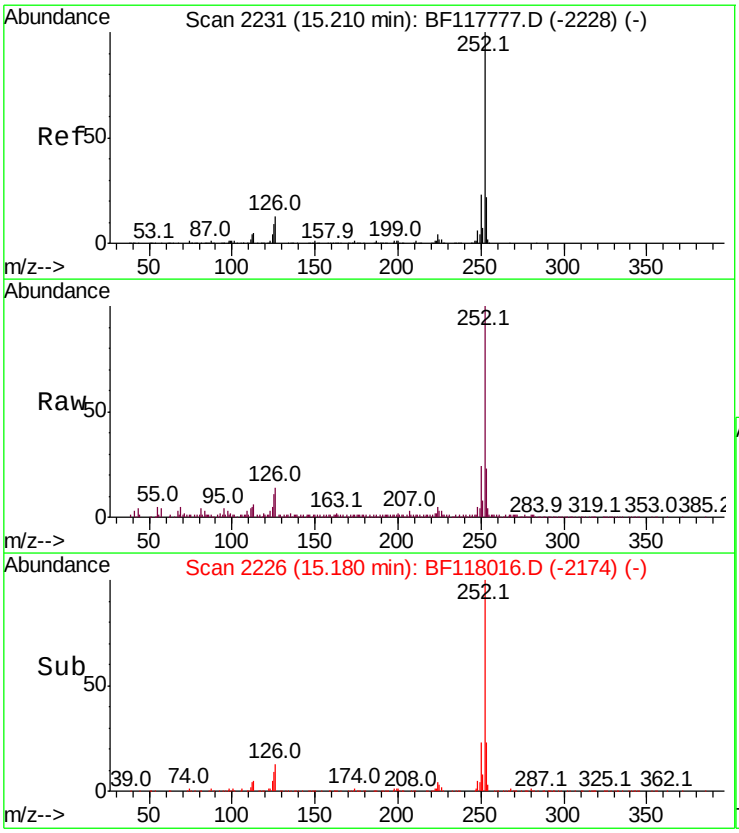
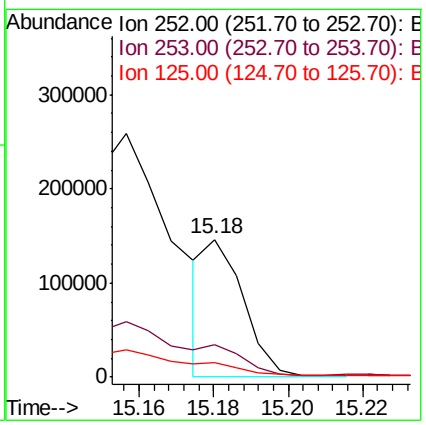
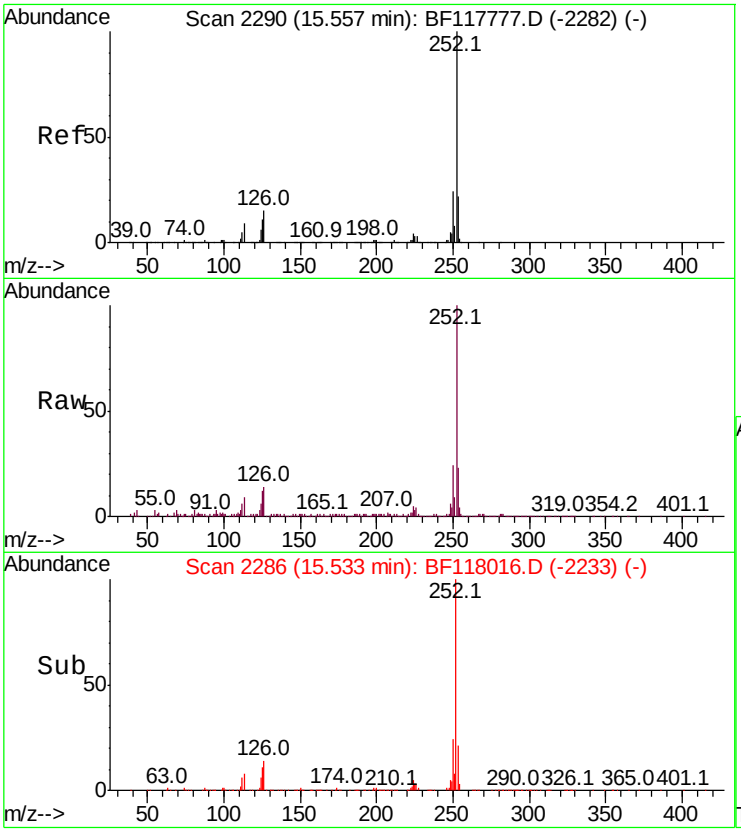


#89
Benzo(k)fluoranthene
Concen: 10.551 ng m
RT: 15.18 min Scan# 2226
Delta R.T. 0.01 min
Lab File: BF118016.D
Acq: 26 Nov 2019 19:23

Tgt Ion:252 Resp: 107031

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.5	26.3
125	10.7	7.9	11.9

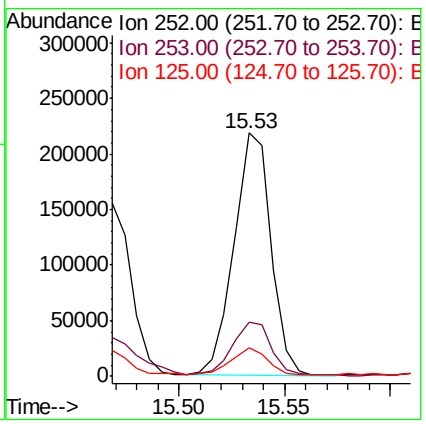




#90
Benzo(a)pyrene
Concen: 27.973 ng
RT: 15.53 min Scan# 2286
Delta R.T. 0.01 min
Lab File: BF118016.D
Acq: 26 Nov 2019 19:23

Tgt Ion:252 Resp: 264829

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.6
125	11.7	9.2	13.8



Instrument :
BNA_F
ClientSampleId :
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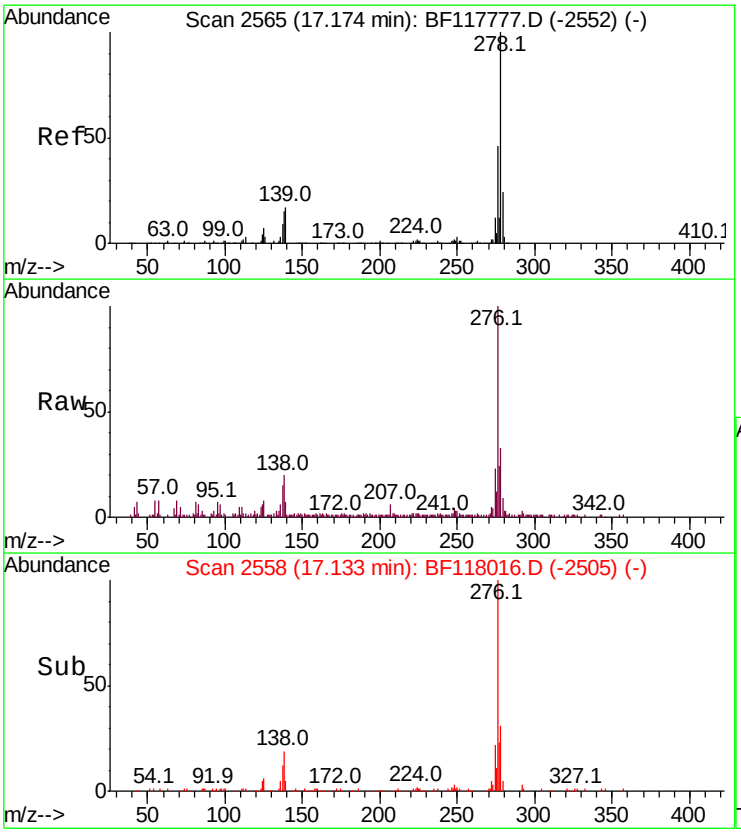
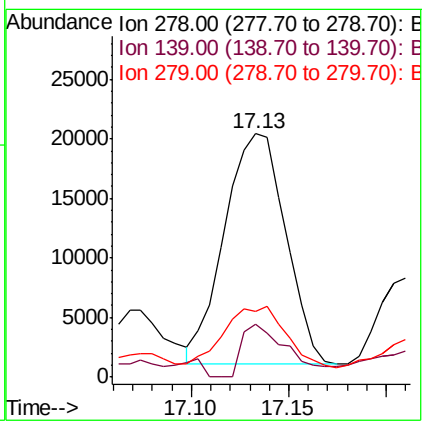
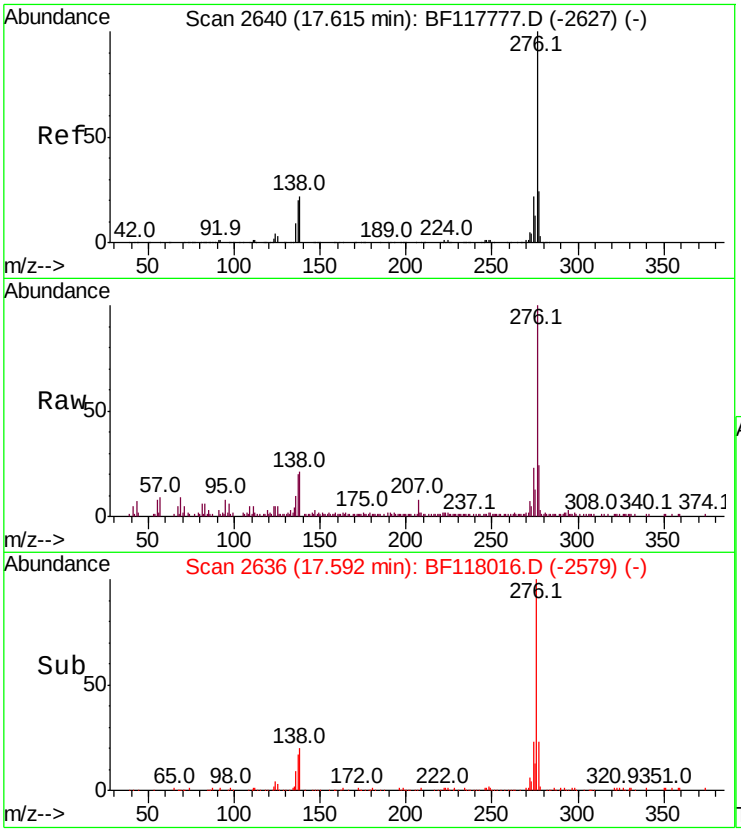


#91
Dibenzo(a,h)anthracene
Concen: 5.137 ng
RT: 17.13 min Scan# 2558
Delta R.T. 0.01 min
Lab File: BF118016.D
Acq: 26 Nov 2019 19:23

Tgt Ion:278 Resp: 41856

Ion	Ratio	Lower	Upper
278	100		
139	21.5	13.8	20.8#
279	27.1	19.6	29.4

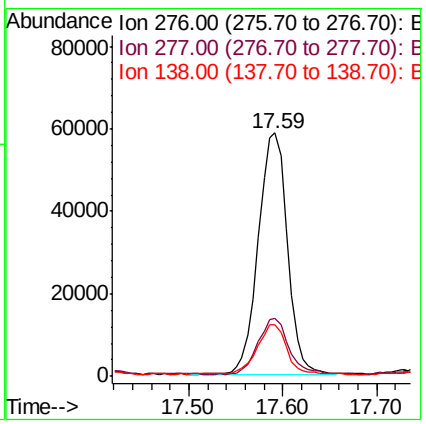




#92
Benzo(g,h,i)perylene
Concen: 15.607 ng
RT: 17.59 min Scan# 2636
Delta R.T. 0.04 min
Lab File: BF118016.D
Acq: 26 Nov 2019 19:23

Tgt Ion:276 Resp: 126670

Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.9	28.3
138	21.3	17.4	26.2



Instrument :
BNA_F
ClientSampleId :
WS-112019-0-2-COMP-B3

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