Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020720\
Data File : BF118851.D
Acq On : 7 Feb 2020 15:32
Operator : CG/JU
Sample : L1439-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Feb 08 04:09:31 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 03 16:26:03 2020
Response via : Initial Calibration

Instrument : BNA_F
ClientSampleId : HAM-SB-BCD-0-5

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	232478	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	874072	20.00	ng		-0.01
39) Acenaphthene-d10	9.85	164	495041	20.00	ng		-0.01
64) Phenanthrene-d10	11.33	188	866452	20.00	ng		0.00
76) Chrysene-d12	13.97	240	636266	20.00	ng		-0.01
87) Perylene-d12	15.42	264	738940	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	1058145	86.16	ng		0.00
7) Phenol-d6	6.45	99	1281667	84.07	ng		0.00
23) Nitrobenzene-d5	7.37	82	840666	57.33	ng		-0.01
42) 2,4,6-Tribromophenol	10.63	330	472199	79.72	ng		-0.01
45) 2-Fluorobiphenyl	9.17	172	1701780	61.45	ng		-0.01
79) Terphenyl-d14	12.92	244	1755561	56.67	ng		-0.01
Target Compounds							Qvalue
20) 3+4-Methylphenols	7.22	107	62518	4.386	ng	#	65
71) Phenanthrene	11.36	178	795606	18.663	ng		97
72) Anthracene	11.40	178	154343	3.639	ng		95
75) Fluoranthene	12.54	202	799836	17.184	ng		99
78) Pyrene	12.77	202	962798	22.057	ng		98
81) Benzo(a)anthracene	13.96	228	476213	12.578	ng		99
83) Chrysene	14.00	228	478633	12.596	ng		98
86) Indeno(1,2,3-cd)pyrene	16.85	276	271091	7.100	ng		94
88) Benzo(b)fluoranthene	15.00	252	565489m	12.333	ng		
89) Benzo(k)fluoranthene	15.02	252	194956m	4.883	ng		
90) Benzo(a)pyrene	15.36	252	441861	11.260	ng		98
91) Dibenzo(a,h)anthracene	16.86	278	72205	2.073	ng	#	81
92) Benzo(g,h,i)perylene	17.29	276	277613	8.287	ng		100

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

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Acq On : 7 Feb 2020 15:32
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 03 16:26:03 2020
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
HAM-SB-BCD-0-5

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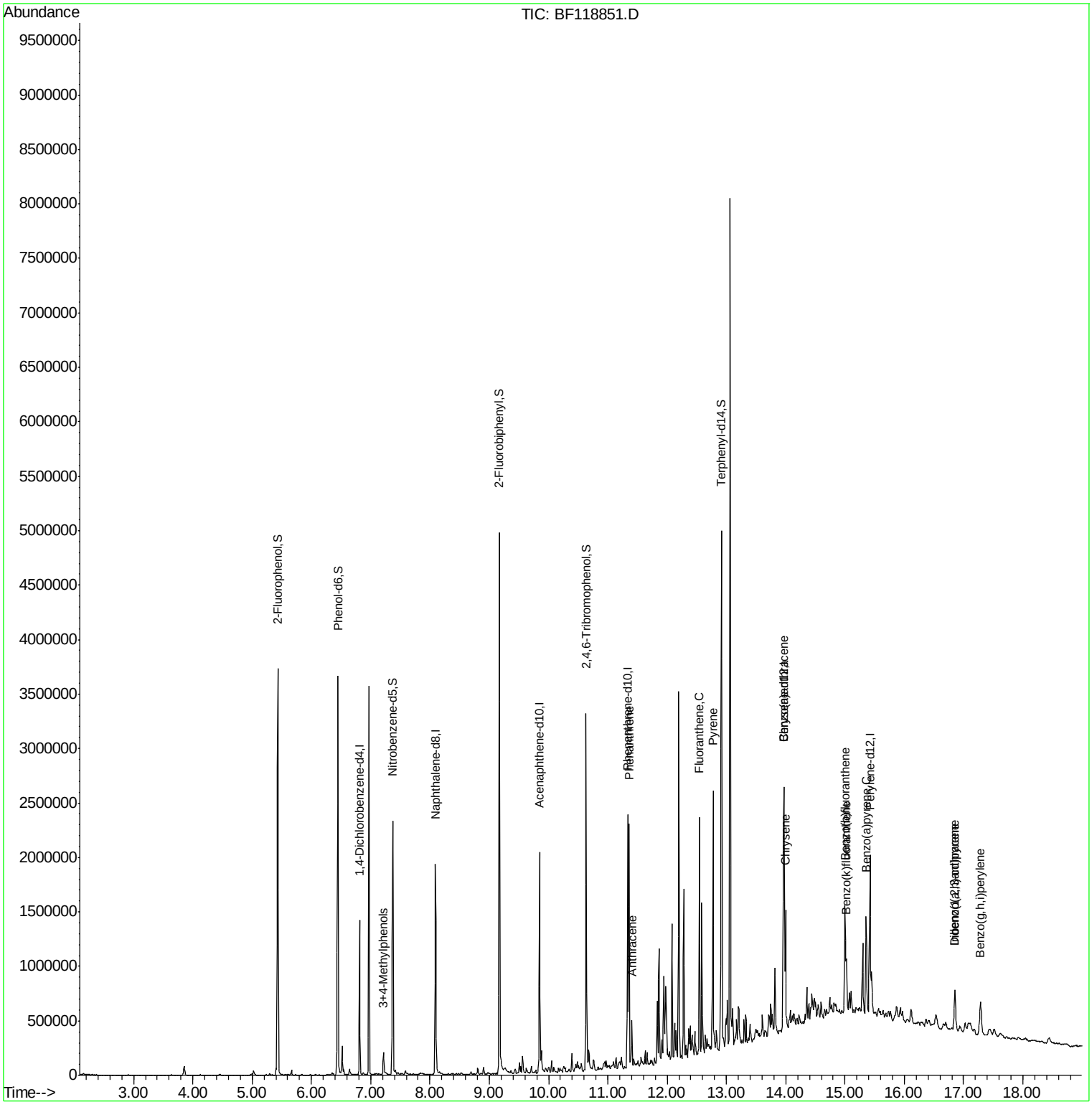
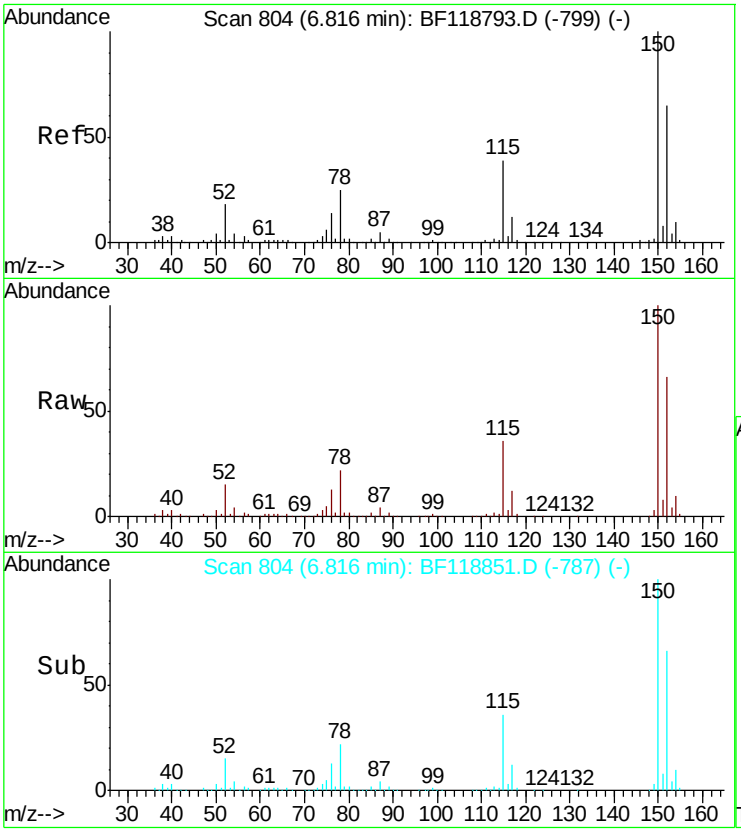
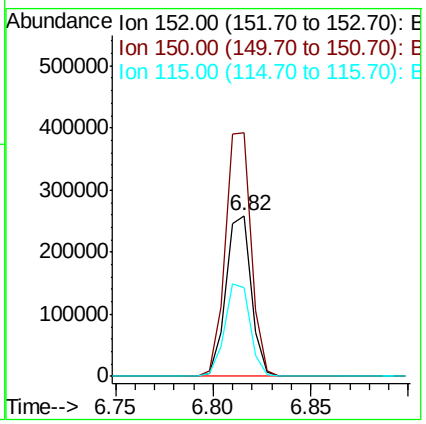




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.00 min
Lab File: BF118851.D
Acq: 7 Feb 2020 15:32

Tgt Ion:152 Resp: 232478

Ion	Ratio	Lower	Upper
152	100		
150	151.2	123.6	185.4
115	55.0	48.2	72.2



Instrument :
BNA_F
ClientSampleId :
HAM-SB-BCD-0-5

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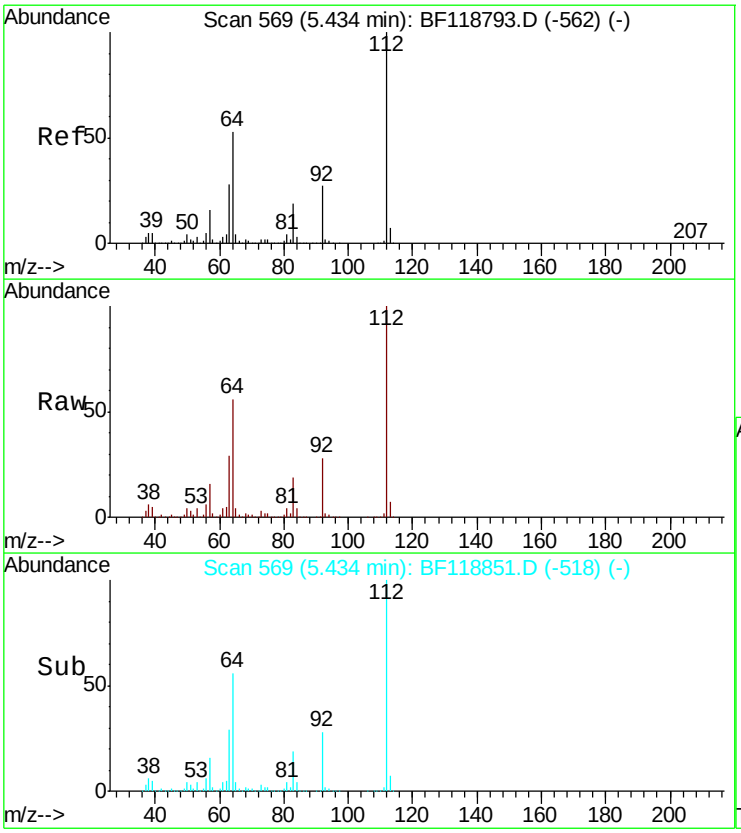
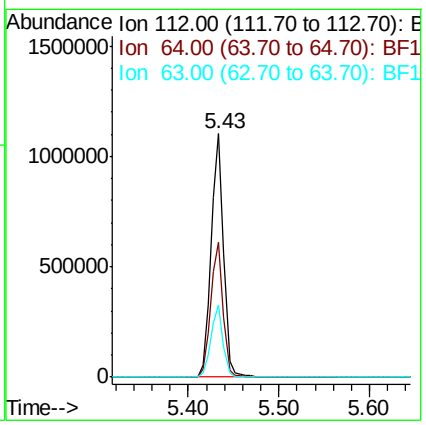
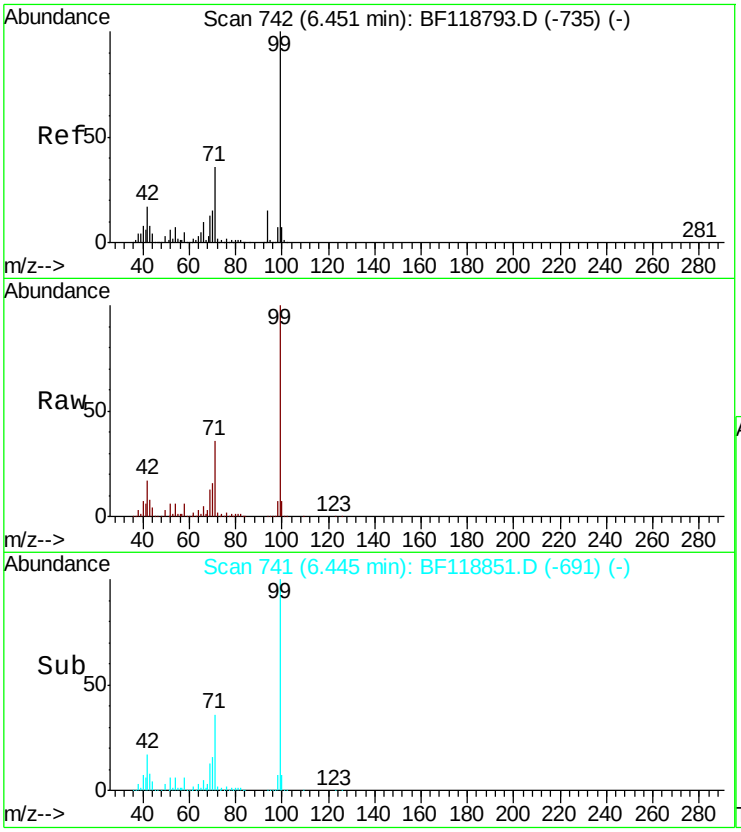


#5
2-Fluorophenol
Concen: 86.158 ng
RT: 5.43 min Scan# 569
Delta R.T. -0.00 min
Lab File: BF118851.D
Acq: 7 Feb 2020 15:32

Tgt Ion:112 Resp: 1058145

Ion	Ratio	Lower	Upper
112	100		
64	55.6	42.6	63.8
63	29.4	22.2	33.4

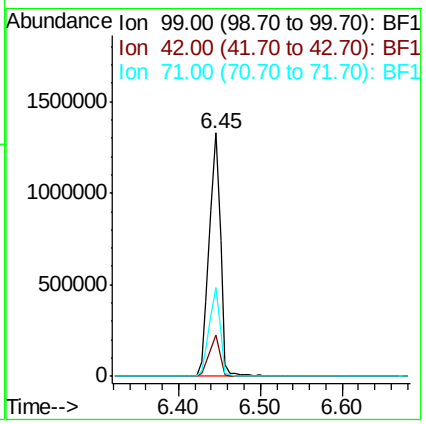




#7
Phenol-d6
Concen: 84.068 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF118851.D
Acq: 7 Feb 2020 15:32

Tgt Ion: 99 Resp: 1281667

Ion	Ratio	Lower	Upper
99	100		
42	16.8	13.4	20.0
71	36.4	29.0	43.6



Instrument :
BNA_F
ClientSampleId :
HAM-SB-BCD-0-5

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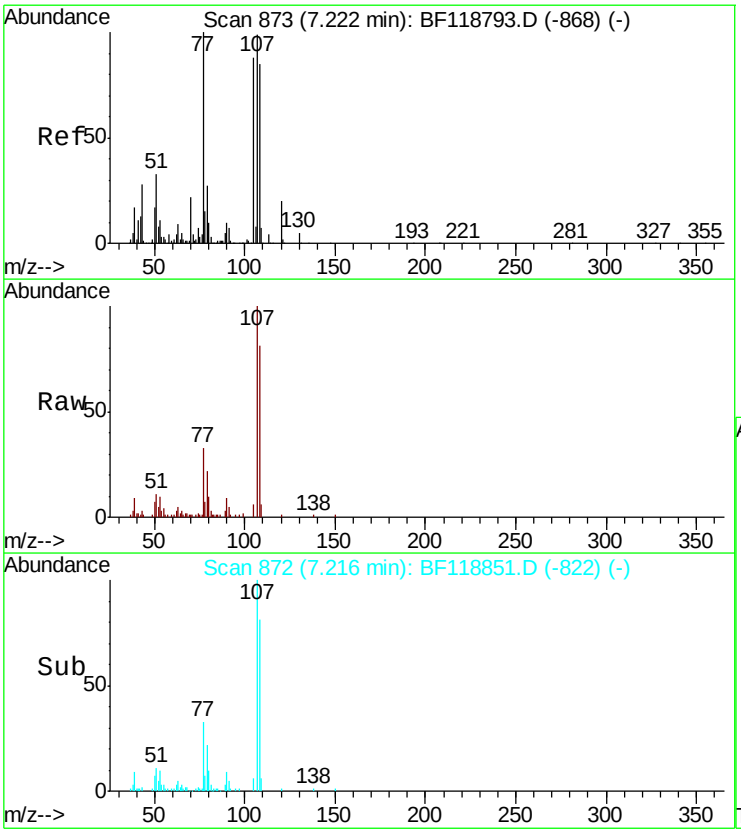
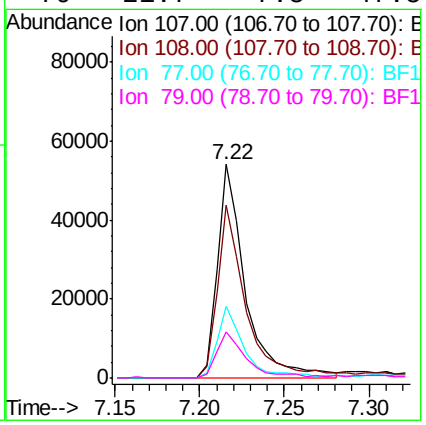
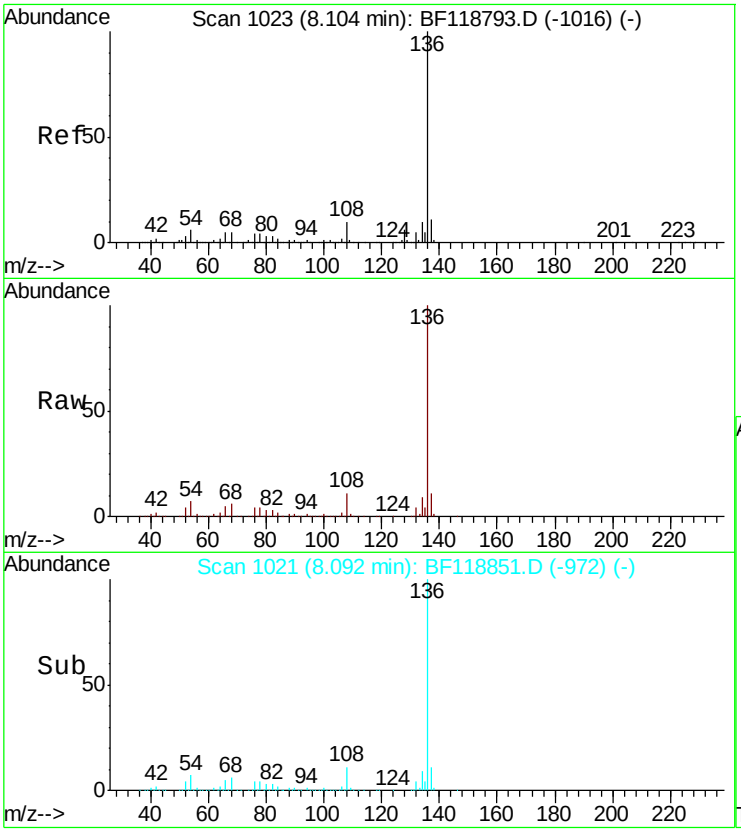


#20
3+4-Methylphenols
Concen: 4.386 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF118851.D
Acq: 7 Feb 2020 15:32

Tgt Ion:107 Resp: 62518

Ion	Ratio	Lower	Upper
107	100		
108	81.2	65.9	105.9
77	33.5	80.9	120.9#
79	21.7	7.5	47.5

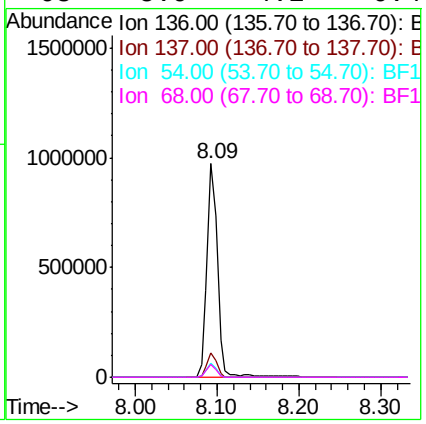




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF118851.D
Acq: 7 Feb 2020 15:32

Tgt Ion:136 Resp: 874072

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	6.6	5.0	7.6
68	5.9	4.2	6.4



Instrument :
BNA_F
ClientSampleId :
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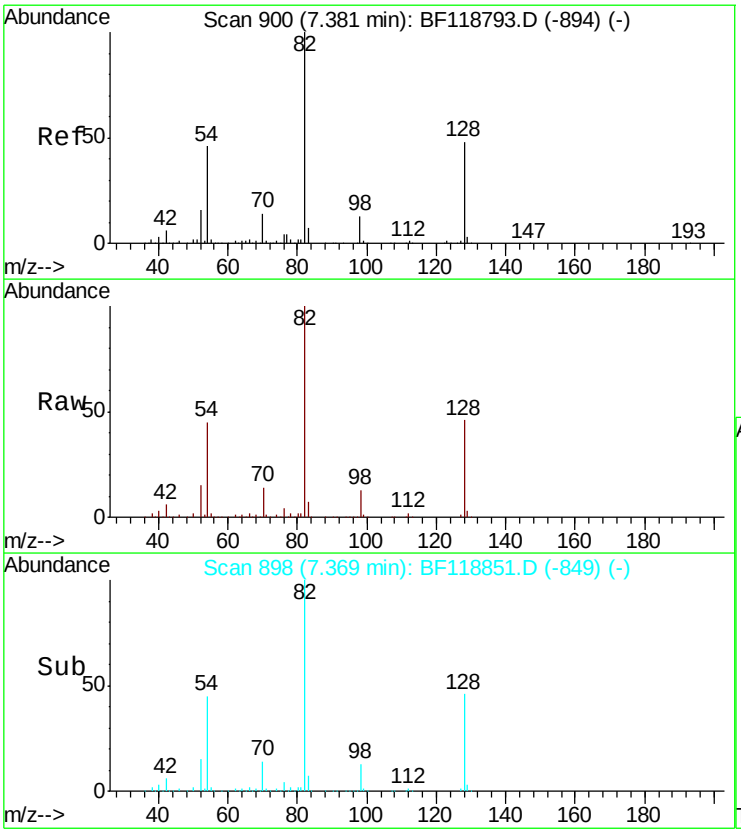
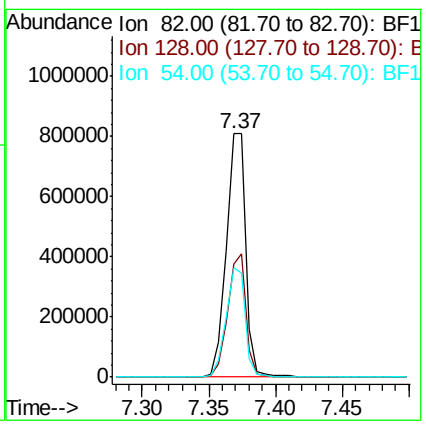
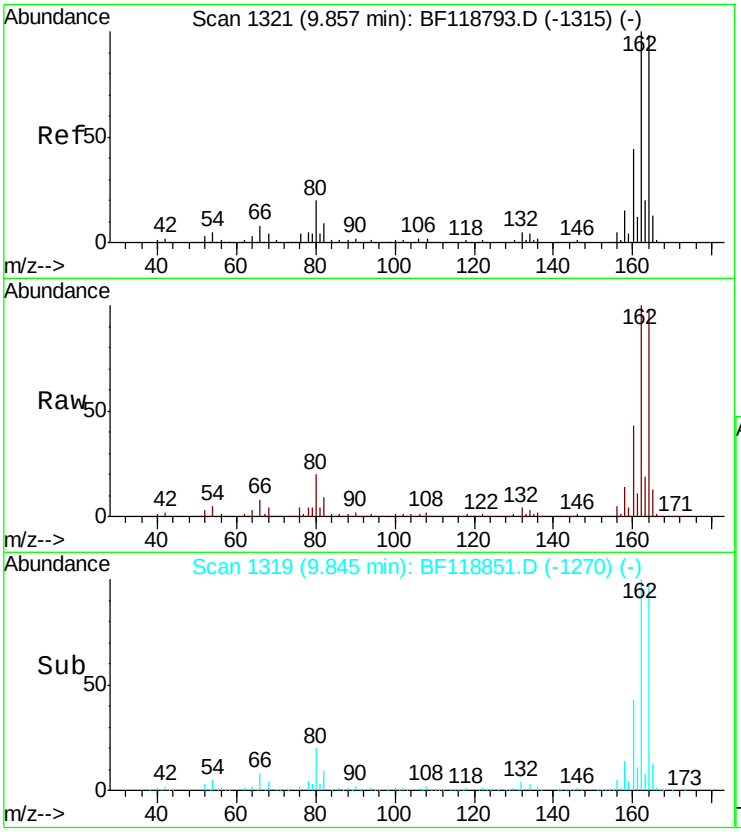


#23
Nitrobenzene-d5
Concen: 57.327 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF118851.D
Acq: 7 Feb 2020 15:32

Tgt Ion: 82 Resp: 840666

Ion	Ratio	Lower	Upper
82	100		
128	46.4	38.5	57.7
54	44.8	36.7	55.1

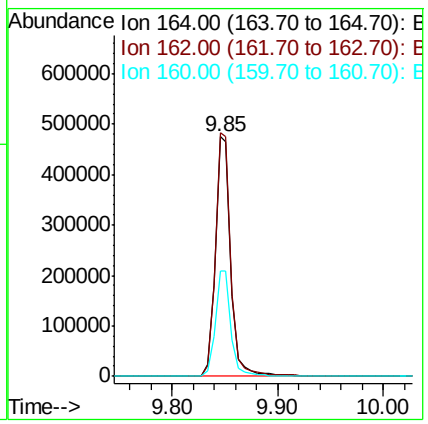




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF118851.D
Acq: 7 Feb 2020 15:32

Tgt Ion:164 Resp: 495041

Ion	Ratio	Lower	Upper
164	100		
162	101.7	81.4	122.2
160	44.1	35.6	53.4



Instrument :
BNA_F
ClientSampleId :
HAM-SB-BCD-0-5

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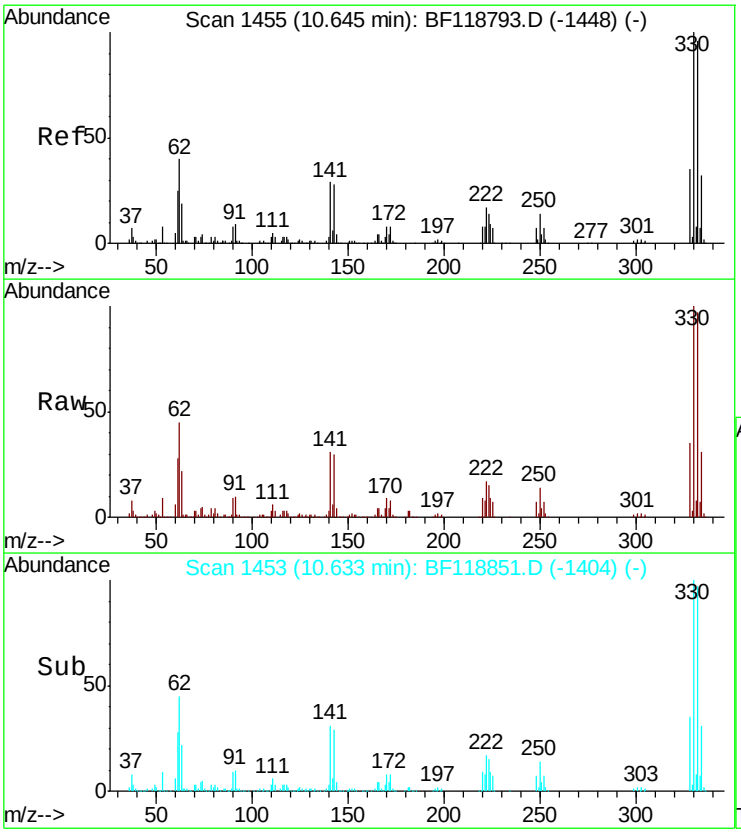
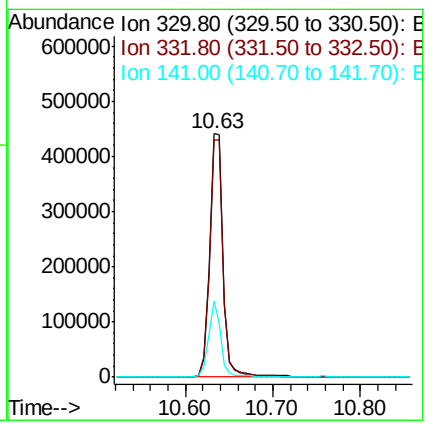
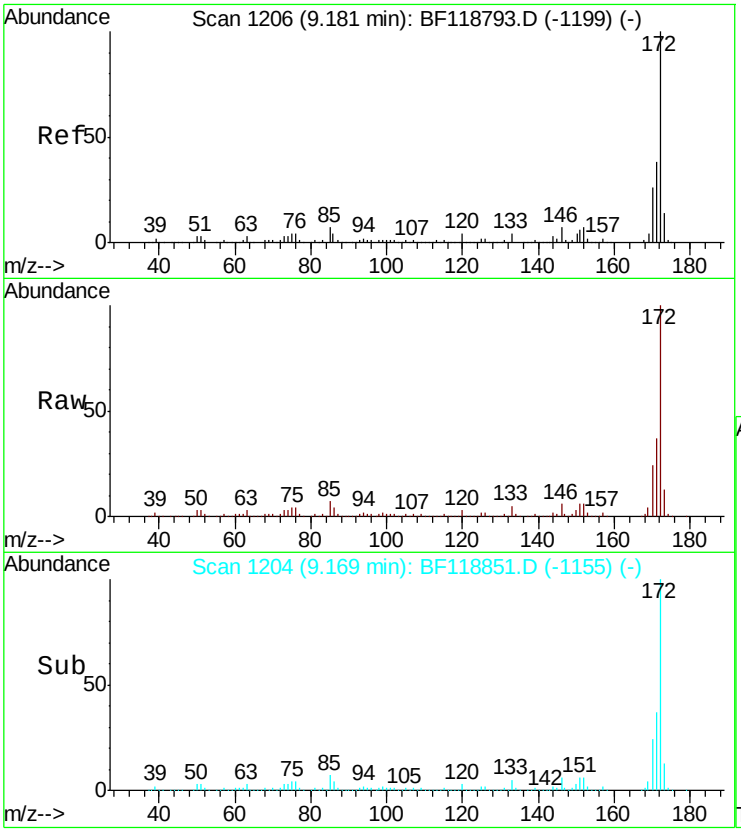


#42
2,4,6-Tribromophenol
Concen: 79.719 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF118851.D
Acq: 7 Feb 2020 15:32

Tgt Ion:330 Resp: 472199

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.3	115.9
141	28.0	22.4	33.6

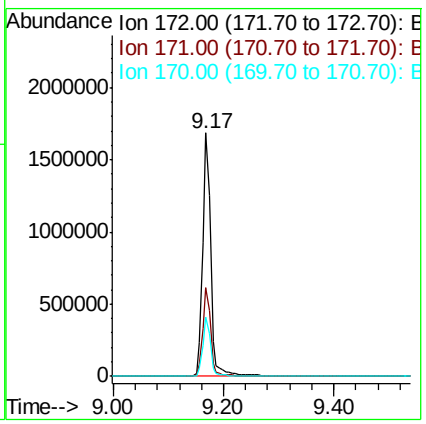




#45
2-Fluorobiphenyl
Concen: 61.455 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF118851.D
Acq: 7 Feb 2020 15:32

Tgt Ion:172 Resp: 1701780

Ion	Ratio	Lower	Upper
172	100		
171	36.5	30.8	46.2
170	24.4	20.5	30.7



Instrument :
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ClientSampleId :
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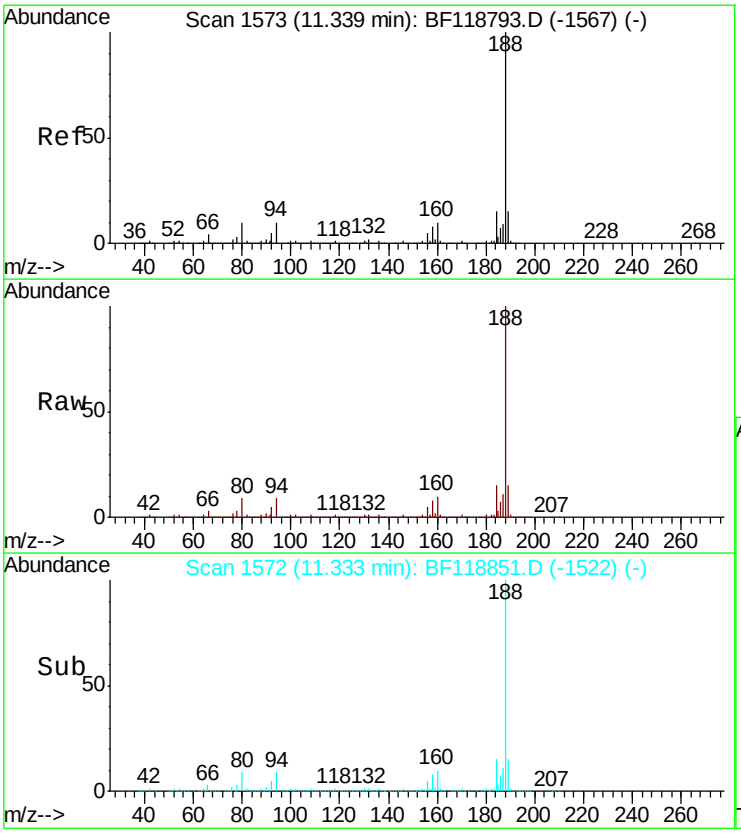
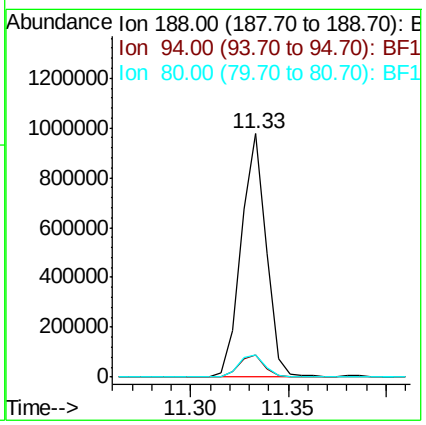
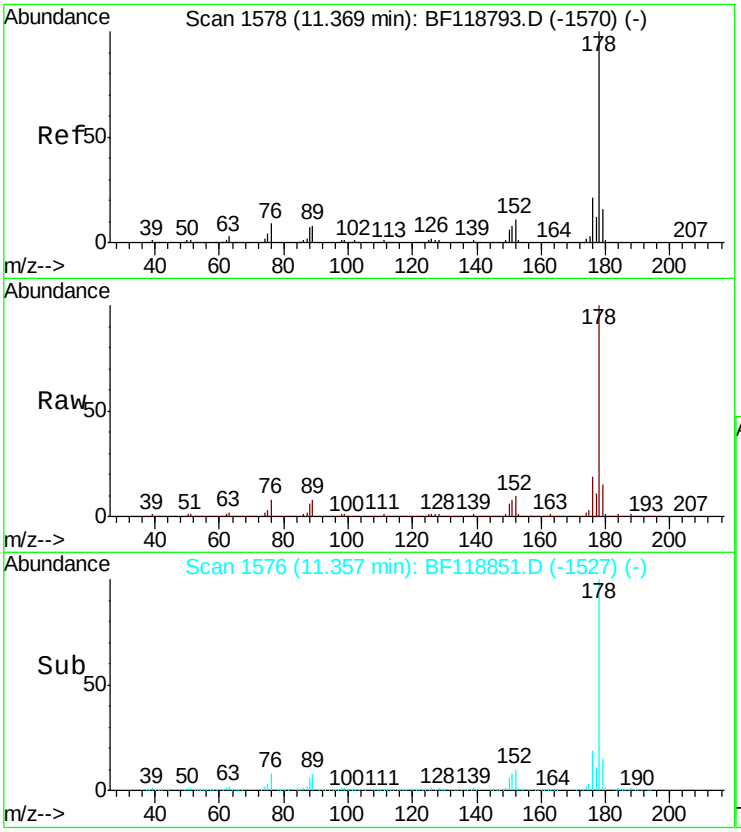


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF118851.D
Acq: 7 Feb 2020 15:32

Tgt Ion:188 Resp: 866452

Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.9	11.9
80	9.3	8.4	12.6

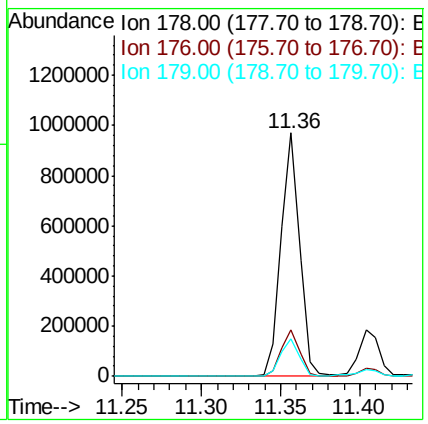




#71
Phenanthrene
Concen: 18.663 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF118851.D
Acq: 7 Feb 2020 15:32

Tgt Ion:178 Resp: 795606

Ion	Ratio	Lower	Upper
178	100		
176	19.0	16.6	24.8
179	15.2	13.2	19.8



Instrument :
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ClientSampleId :
HAM-SB-BCD-0-5

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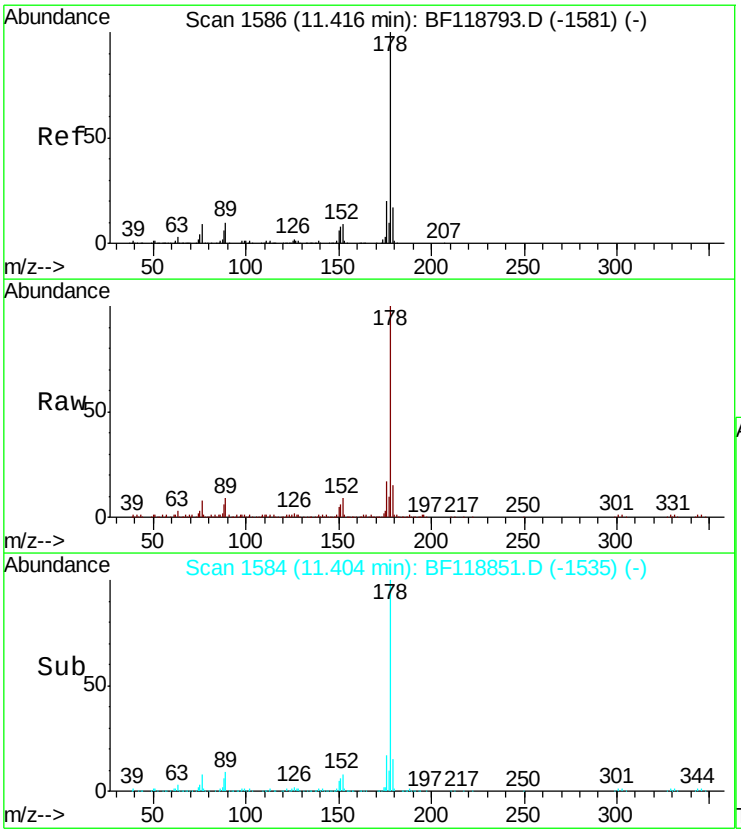
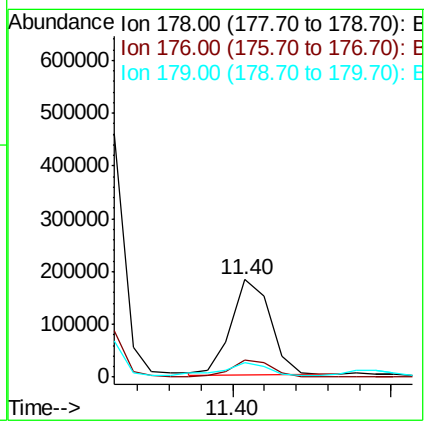
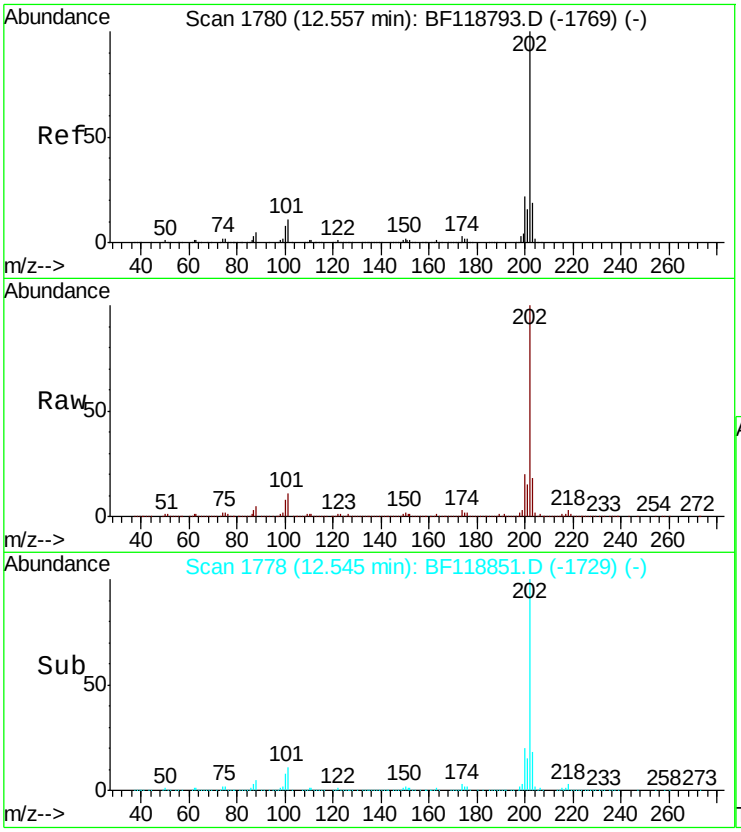


#72
Anthracene
Concen: 3.639 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF118851.D
Acq: 7 Feb 2020 15:32

Tgt Ion:178 Resp: 154343

Ion	Ratio	Lower	Upper
178	100		
176	17.3	16.2	24.2
179	15.5	13.4	20.2

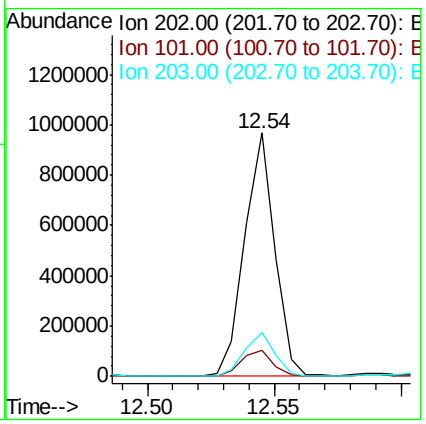




#75
Fluoranthene
Concen: 17.184 ng
RT: 12.54 min Scan# 1778
Delta R.T. -0.01 min
Lab File: BF118851.D
Acq: 7 Feb 2020 15:32

Tgt Ion:202 Resp: 799836

Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	31.0
203	18.0	0.0	38.7



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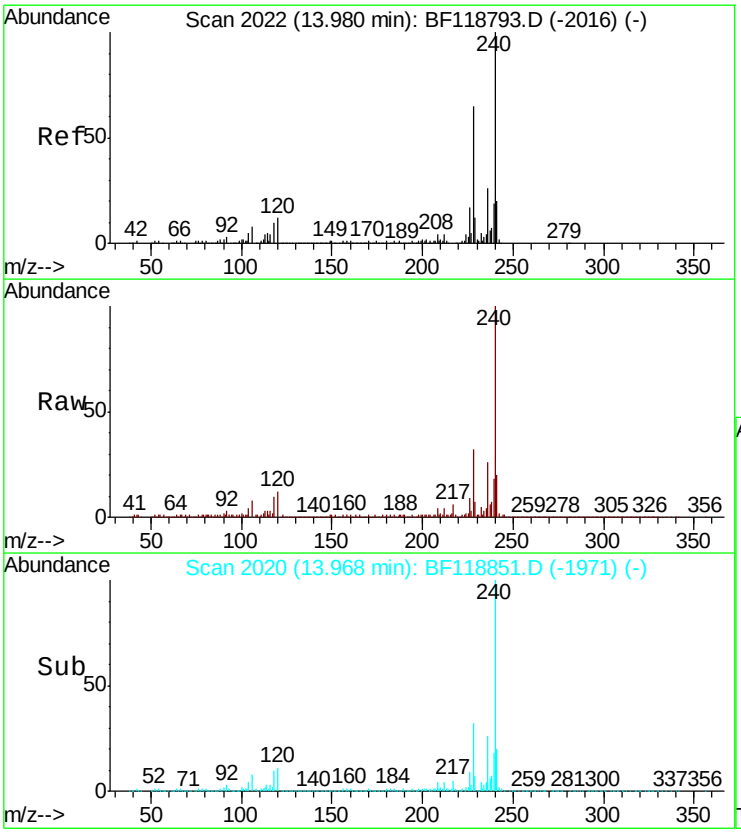
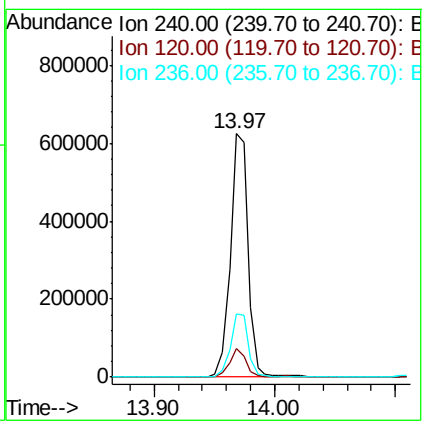
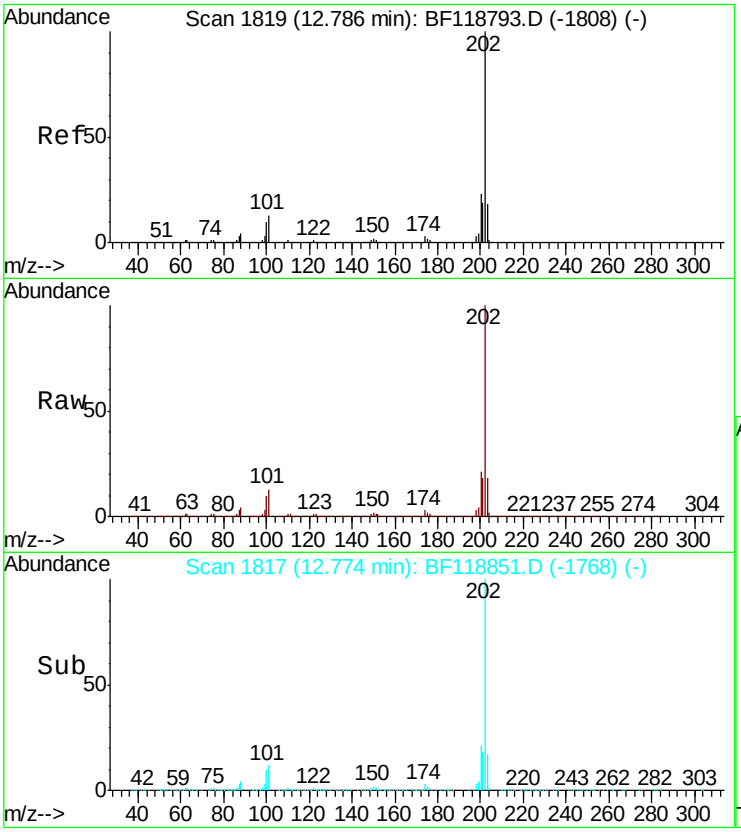


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF118851.D
Acq: 7 Feb 2020 15:32

Tgt Ion:240 Resp: 636266

Ion	Ratio	Lower	Upper
240	100		
120	11.6	9.4	14.0
236	25.7	21.0	31.6

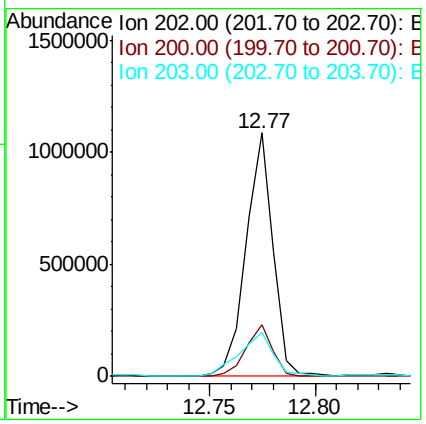




#78
Pyrene
Concen: 22.057 ng
RT: 12.77 min Scan# 1817
Delta R.T. -0.01 min
Lab File: BF118851.D
Acq: 7 Feb 2020 15:32

Tgt Ion:202 Resp: 962798

Ion	Ratio	Lower	Upper
202	100		
200	21.4	18.2	27.2
203	17.9	14.8	22.2



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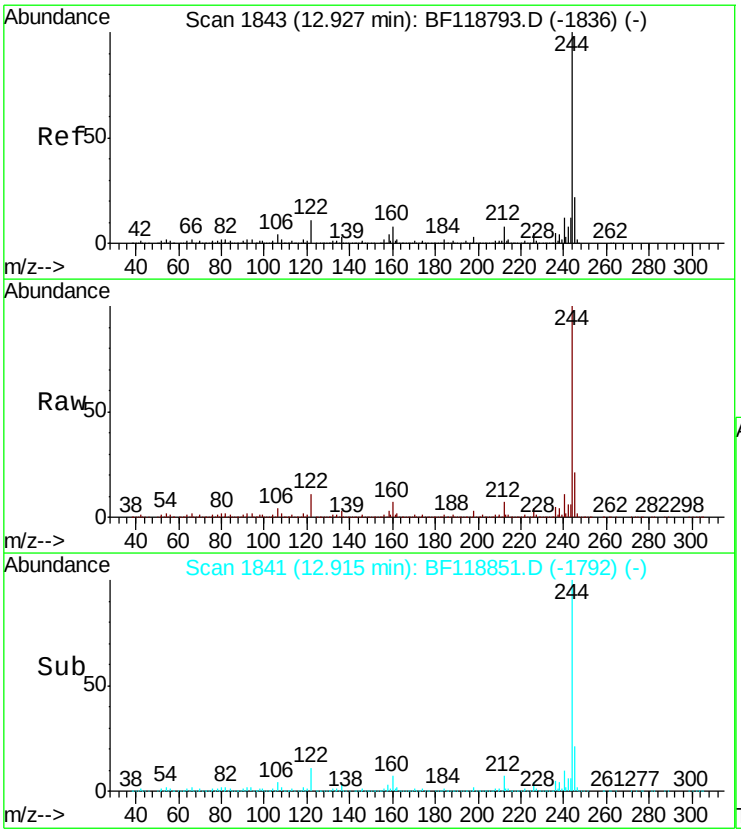
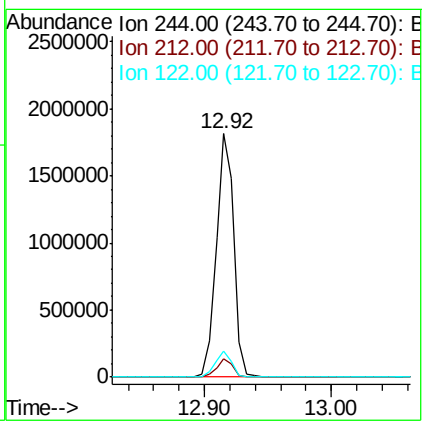
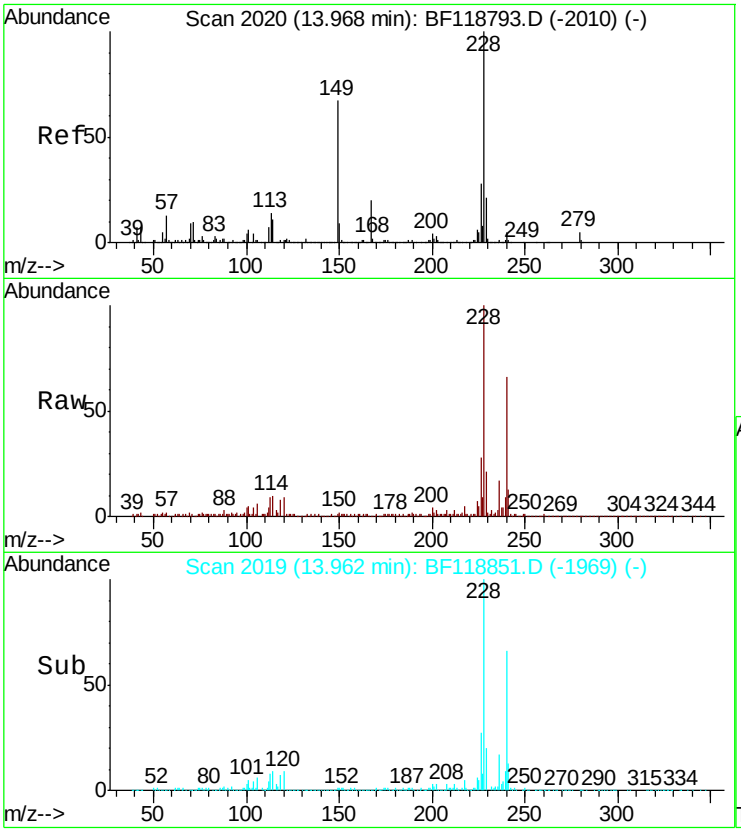


#79
Terphenyl-d14
Concen: 56.674 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.01 min
Lab File: BF118851.D
Acq: 7 Feb 2020 15:32

Tgt Ion:244 Resp: 1755561

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.5	9.7
122	10.8	8.9	13.3

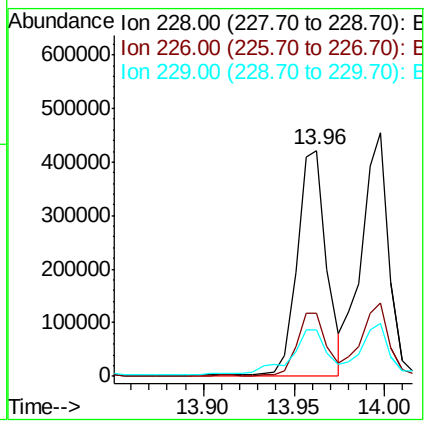




#81
Benzo(a)anthracene
Concen: 12.578 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF118851.D
Acq: 7 Feb 2020 15:32

Tgt Ion:228 Resp: 476213

Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.7	34.1
229	20.8	16.6	25.0



Instrument :
BNA_F
ClientSampleId :
HAM-SB-BCD-0-5

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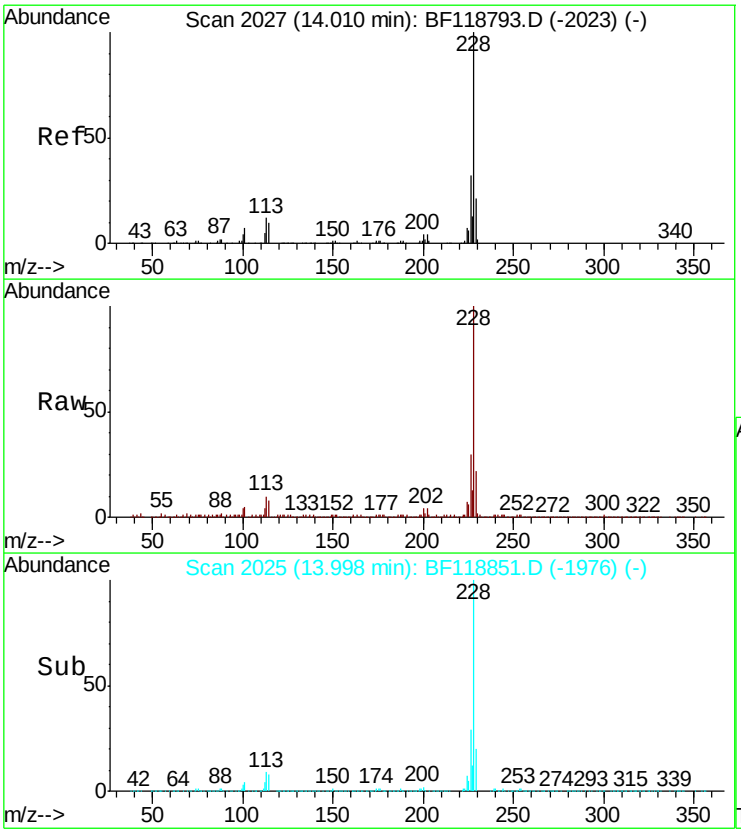
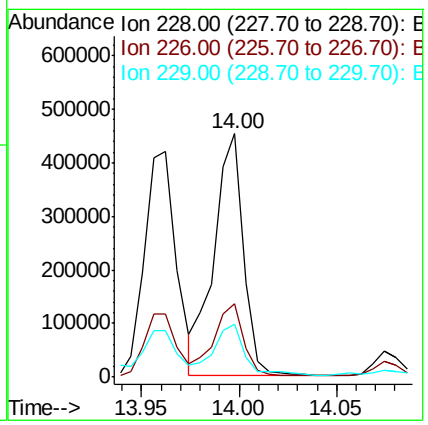
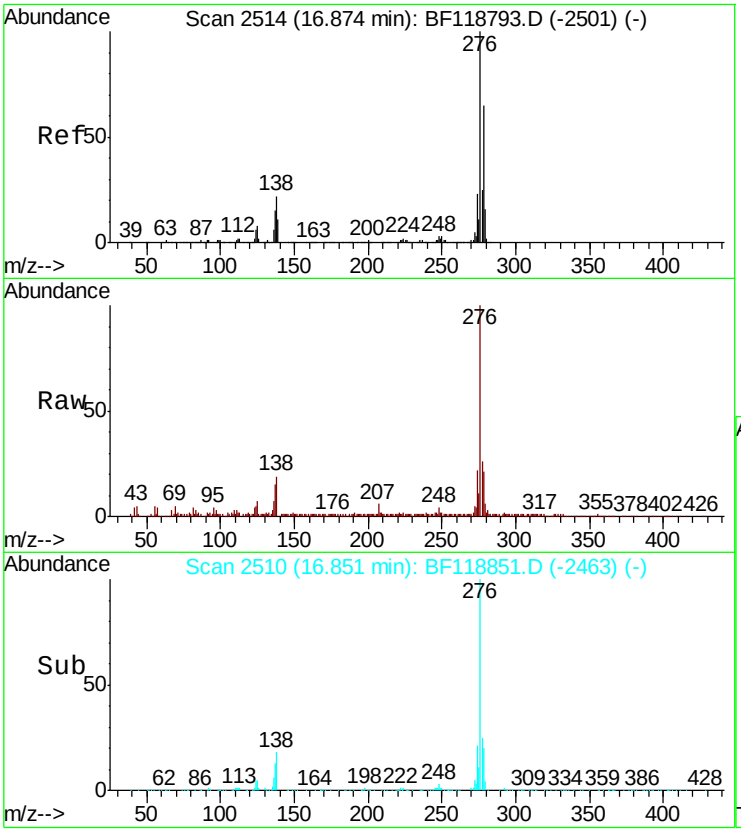


#83
Chrysene
Concen: 12.596 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF118851.D
Acq: 7 Feb 2020 15:32

Tgt Ion:228 Resp: 478633

Ion	Ratio	Lower	Upper
228	100		
226	30.0	25.4	38.0
229	21.5	16.9	25.3

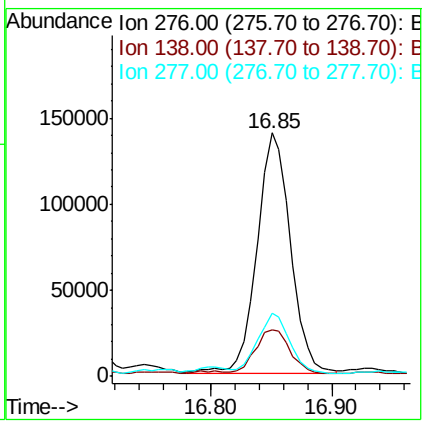




#86
Indeno(1,2,3-cd)pyrene
Concen: 7.100 ng
RT: 16.85 min Scan# 2510
Delta R.T. -0.02 min
Lab File: BF118851.D
Acq: 7 Feb 2020 15:32

Tgt Ion:276 Resp: 271091

Ion	Ratio	Lower	Upper
276	100		
138	18.8	18.3	27.5
277	23.5	20.2	30.4



Instrument :
BNA_F
ClientSampleId :
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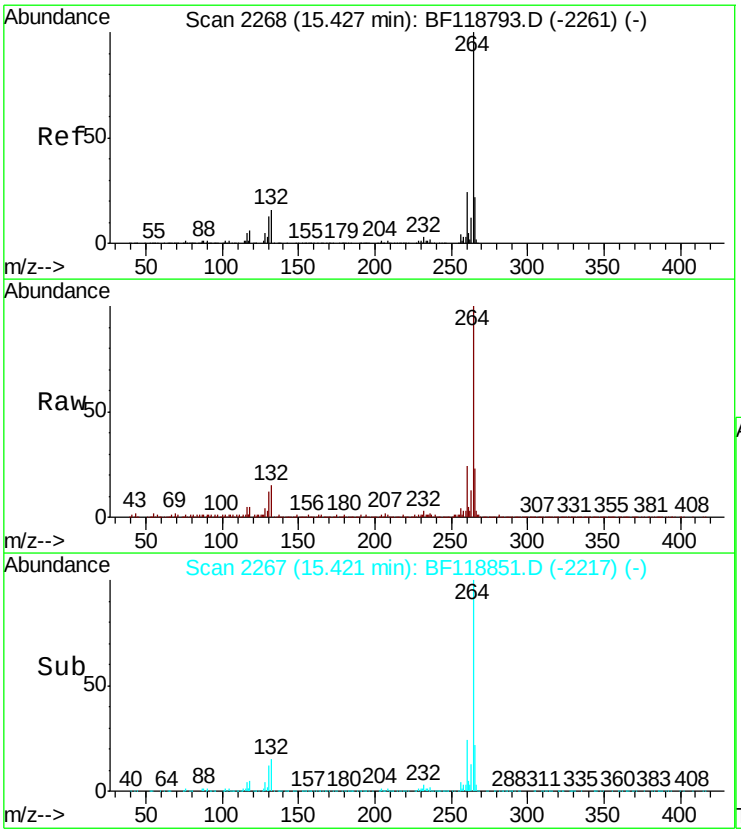
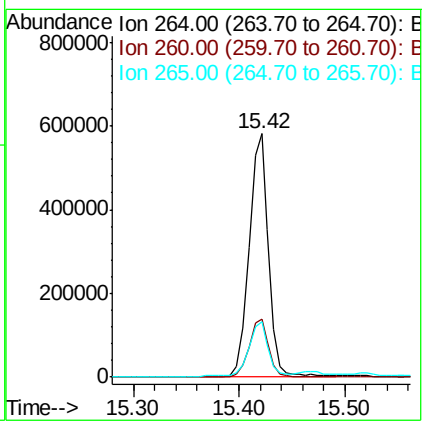
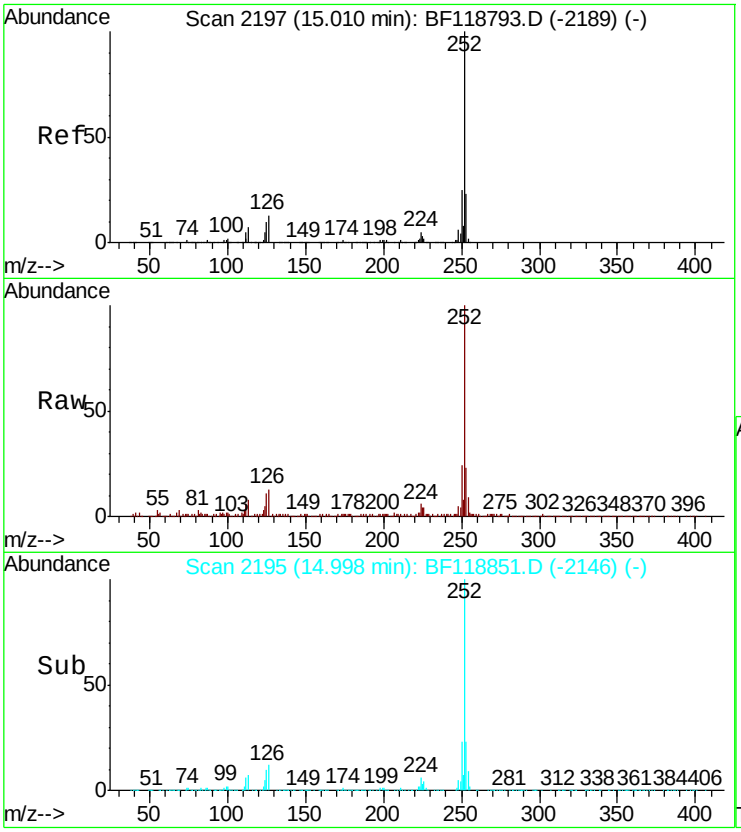


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.01 min
Lab File: BF118851.D
Acq: 7 Feb 2020 15:32

Tgt Ion:264 Resp: 738940

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.1	28.7
265	22.7	17.2	25.8

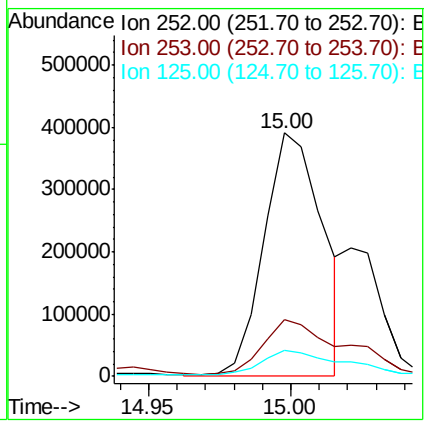




#88
Benzo(b)fluoranthene
Concen: 12.333 ng m
RT: 15.00 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BF118851.D
Acq: 7 Feb 2020 15:32

Tgt Ion:252 Resp: 565489

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.4	27.6
125	10.9	8.1	12.1



Instrument :
BNA_F
ClientSampleId :
HAM-SB-BCD-0-5

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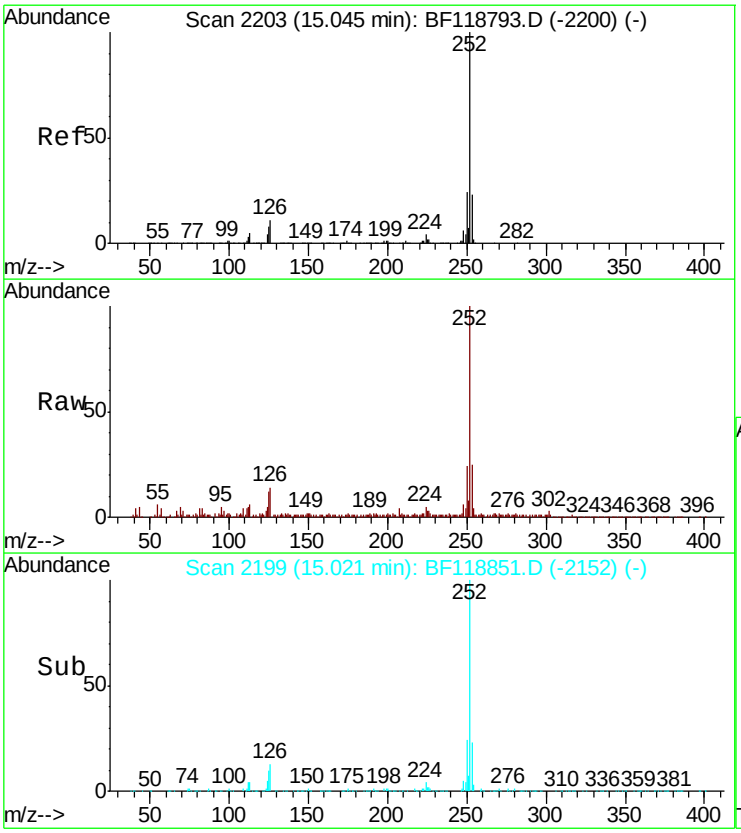
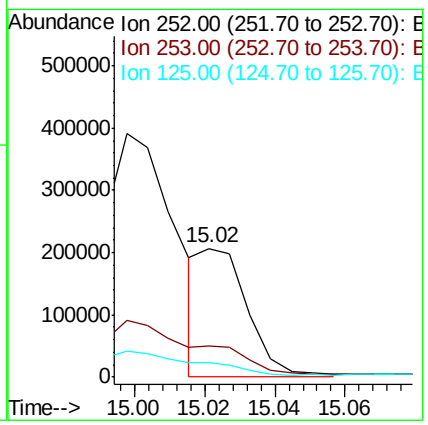
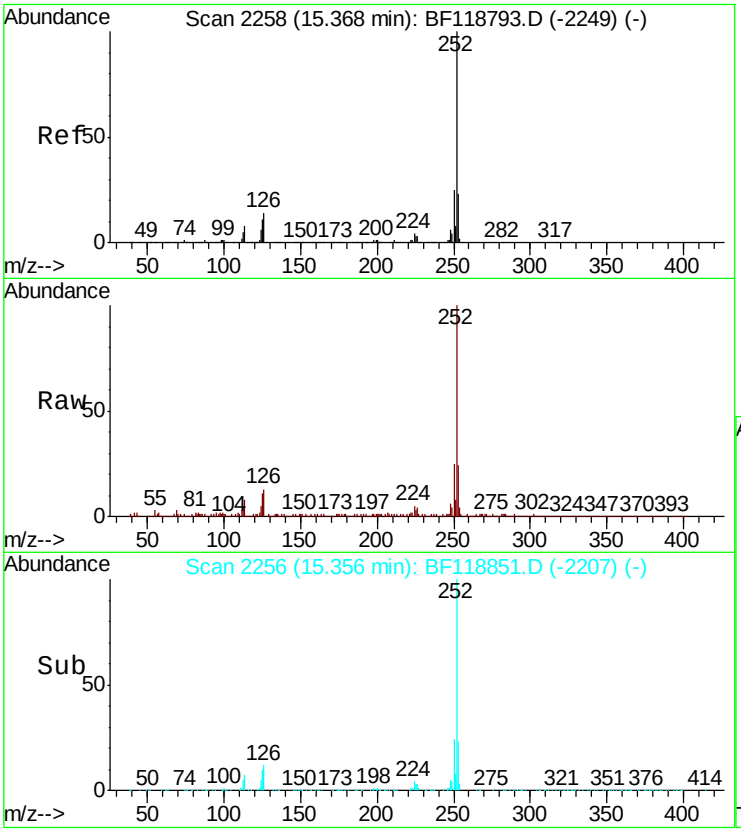


#89
Benzo(k)fluoranthene
Concen: 4.883 ng m
RT: 15.02 min Scan# 2199
Delta R.T. -0.02 min
Lab File: BF118851.D
Acq: 7 Feb 2020 15:32

Tgt Ion:252 Resp: 194956

Ion	Ratio	Lower	Upper
252	100		
253	24.5	18.2	27.4
125	11.6	7.0	10.6#





#90
Benzo(a)pyrene
Concen: 11.260 ng
RT: 15.36 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BF118851.D
Acq: 7 Feb 2020 15:32

Tgt Ion:252 Resp: 441861

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.1	27.1
125	11.4	8.7	13.1

Instrument :
BNA_F
ClientSampleId :
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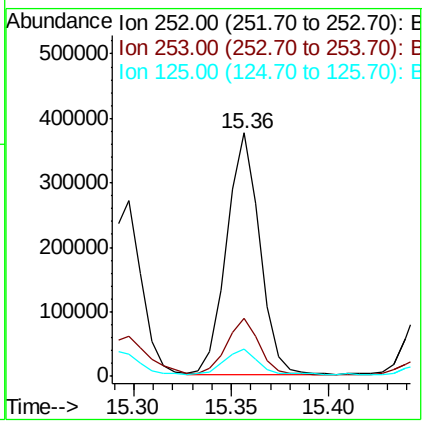
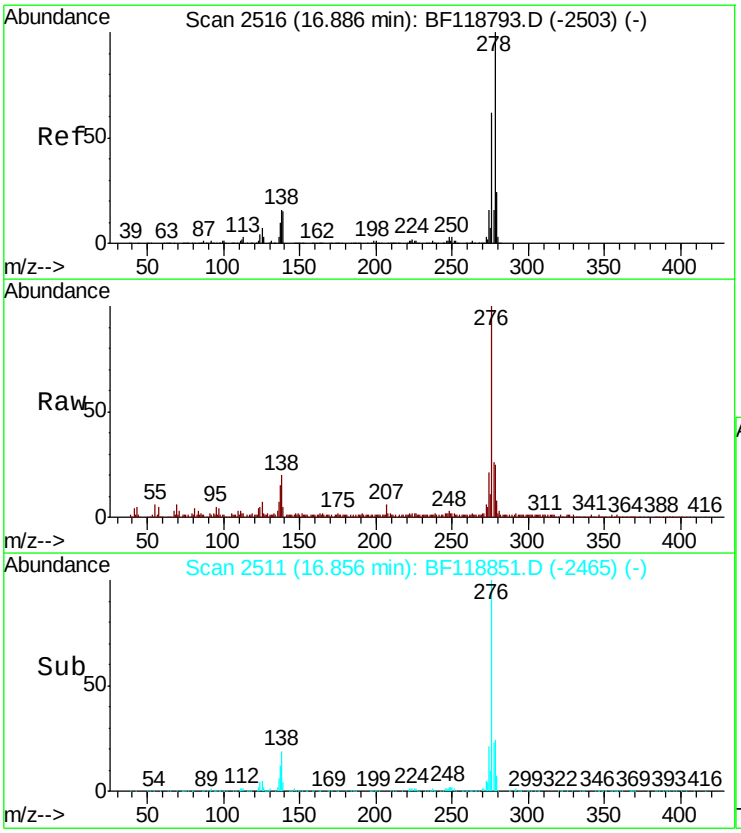
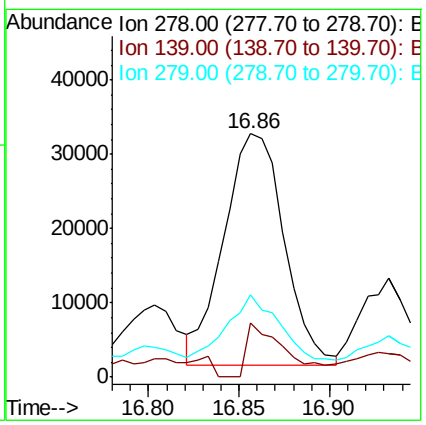


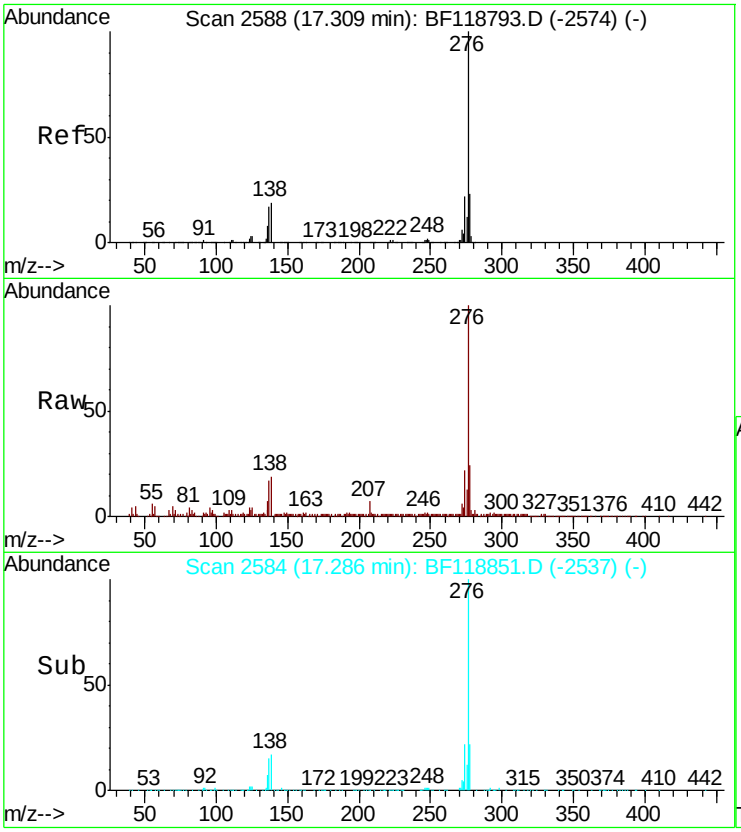


#91
Dibenzo(a,h)anthracene
Concen: 2.073 ng
RT: 16.86 min Scan# 2511
Delta R.T. -0.03 min
Lab File: BF118851.D
Acq: 7 Feb 2020 15:32

Tgt Ion:278 Resp: 72205

Ion	Ratio	Lower	Upper
278	100		
139	22.2	12.3	18.5#
279	33.8	19.1	28.7#

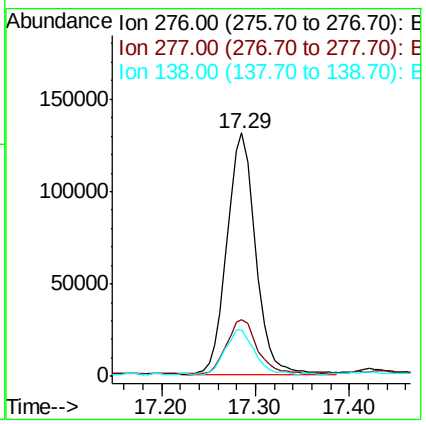




#92
Benzo(g,h,i)perylene
Concen: 8.287 ng
RT: 17.29 min Scan# 2584
Delta R.T. -0.02 min
Lab File: BF118851.D
Acq: 7 Feb 2020 15:32

Tgt Ion:276 Resp: 277613

Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.7	28.1
138	19.0	15.4	23.2



Instrument :
BNA_F
ClientSampleId :
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