Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060519\
Data File : BF114846.D
Acq On : 6 Jun 2019 3:56
Operator : HP/JU
Sample : K3151-01 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-06-060419-A

Manual Integrations APPROVED
mohammad
6/6/2019 4:50:56 PM

Quant Time: Jun 06 08:09:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 04 16:57:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	381144	20.00	ng		0.00
21) Naphthalene-d8	7.95	136	1448774	20.00	ng		0.00
39) Acenaphthene-d10	9.70	164	681054	20.00	ng		0.00
64) Phenanthrene-d10	11.17	188	1207857	20.00	ng		0.00
76) Chrysene-d12	13.80	240	793190	20.00	ng		0.00
87) Perylene-d12	15.19	264	619240	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	1118361	51.27	ng		0.00
7) Phenol-d6	6.30	99	1382866	52.10	ng		0.00
23) Nitrobenzene-d5	7.23	82	804203	34.17	ng		0.00
42) 2,4,6-Tribromophenol	10.48	330	341451	46.52	ng		0.00
45) 2-Fluorobiphenyl	9.03	172	1556268	42.81	ng		0.00
79) Terphenyl-d14	12.76	244	1458576	35.76	ng		0.01
Target Compounds							Qvalue
50) Dimethylphthalate	9.42	163	274621	5.521	ng		98
71) Phenanthrene	11.20	178	668207	11.588	ng		96
72) Anthracene	11.25	178	190175	3.134	ng		94
75) Fluoranthene	12.38	202	913574	15.222	ng		90
78) Pyrene	12.61	202	1118870	16.260	ng		96
81) Benzo(a)anthracene	13.79	228	545074	8.918	ng		98
83) Chrysene	13.83	228	549382	9.239	ng		96
86) Indeno(1,2,3-cd)pyrene	16.50	276	252609	3.723	ng		94
88) Benzo(b)fluoranthene	14.80	252	542731m	13.767	ng		
89) Benzo(k)fluoranthene	14.82	252	203599m	6.082	ng		
90) Benzo(a)pyrene	15.13	252	390409	11.442	ng		97
91) Dibenzo(a,h)anthracene	16.50	278	67307	2.083	ng	#	73
92) Benzo(g,h,i)perylene	16.89	276	233939	7.199	ng		97

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

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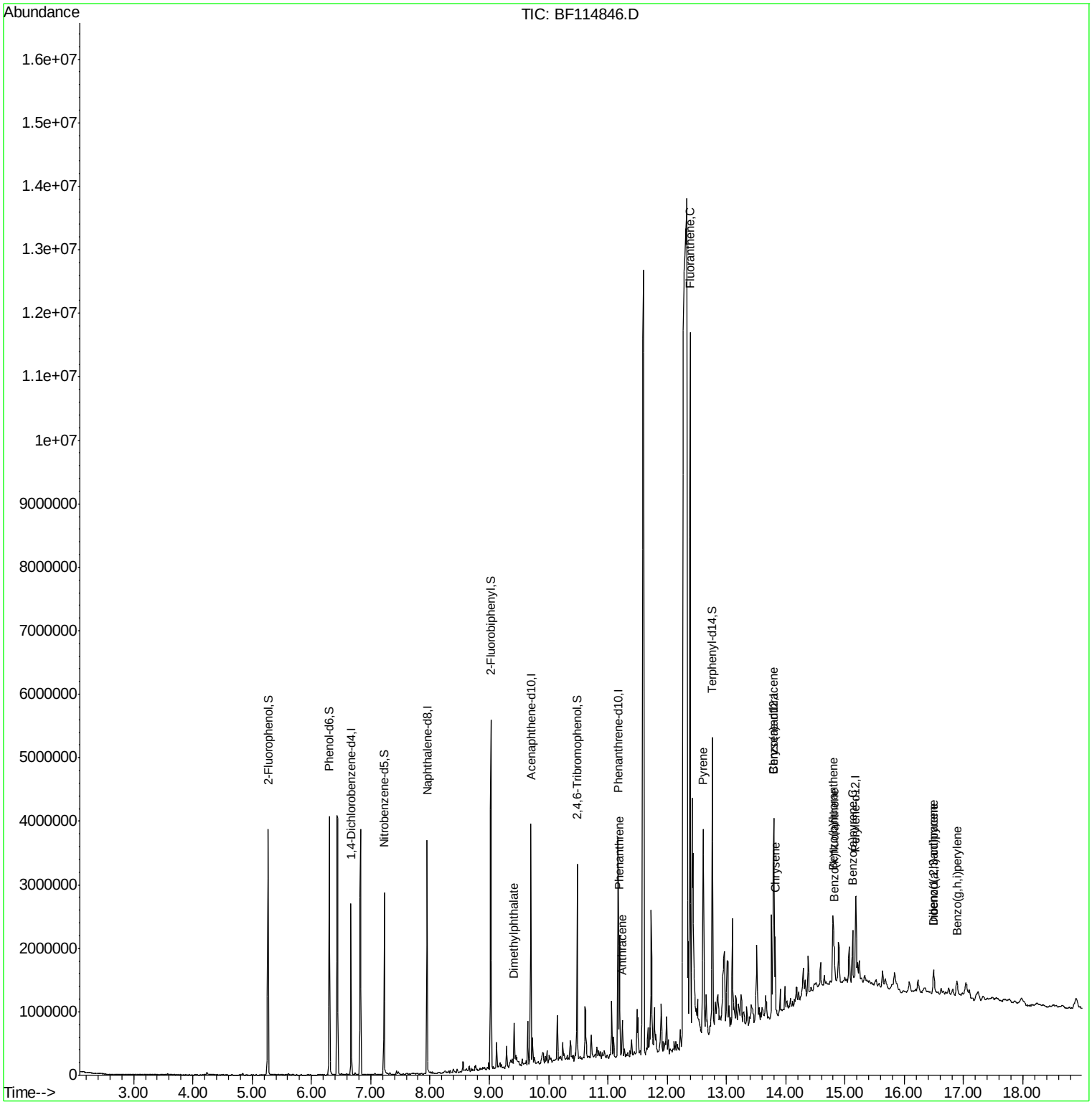
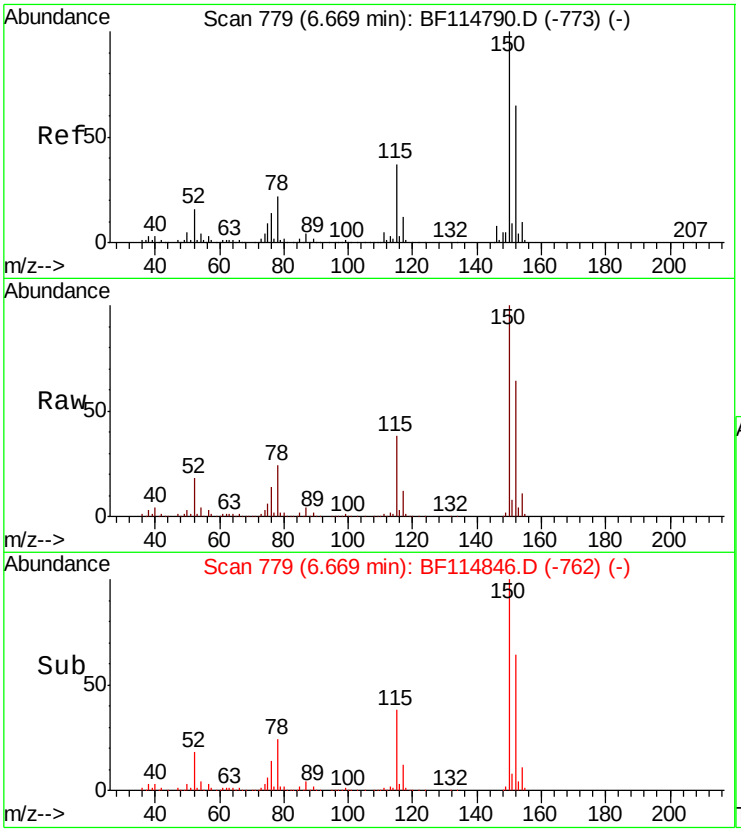
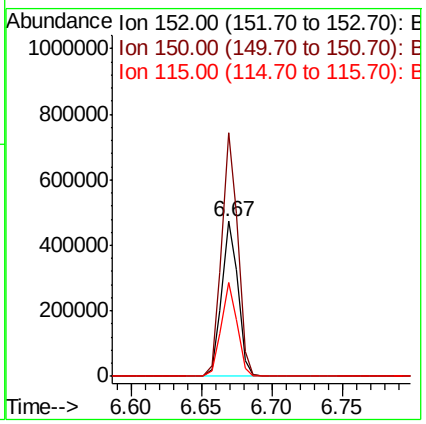




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 779
Delta R.T. 0.00 min
Lab File: BF114846.D
Acq: 6 Jun 2019 3:56

Tgt Ion:152 Resp: 381144

Ion	Ratio	Lower	Upper
152	100		
150	157.2	124.0	186.0
115	60.3	46.3	69.5



Instrument :
BNA_F
ClientSampleId :
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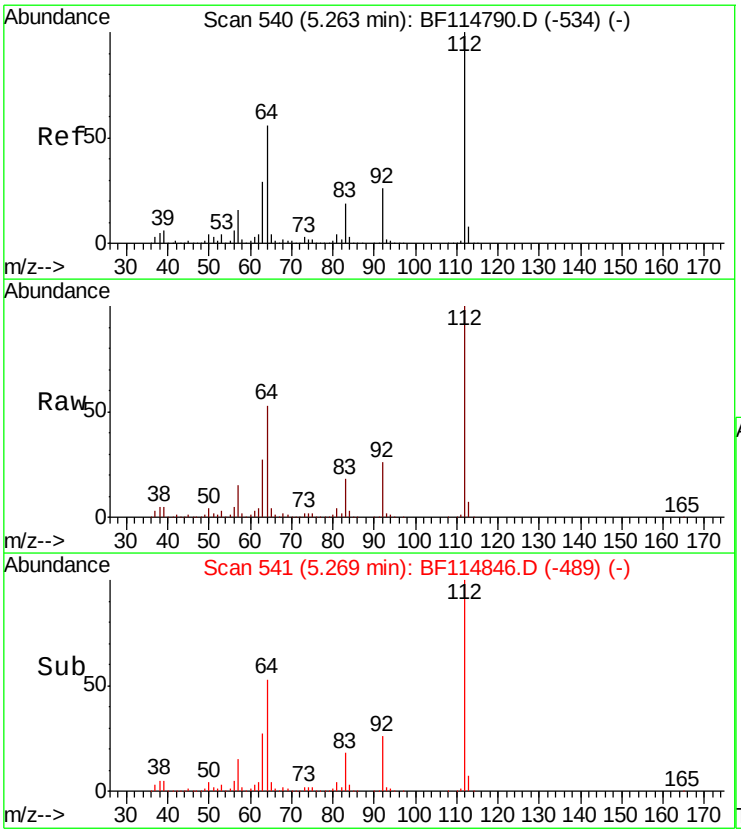
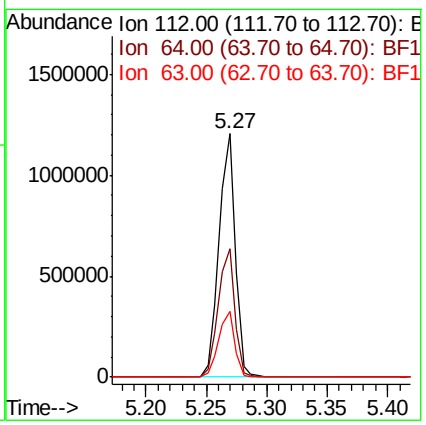
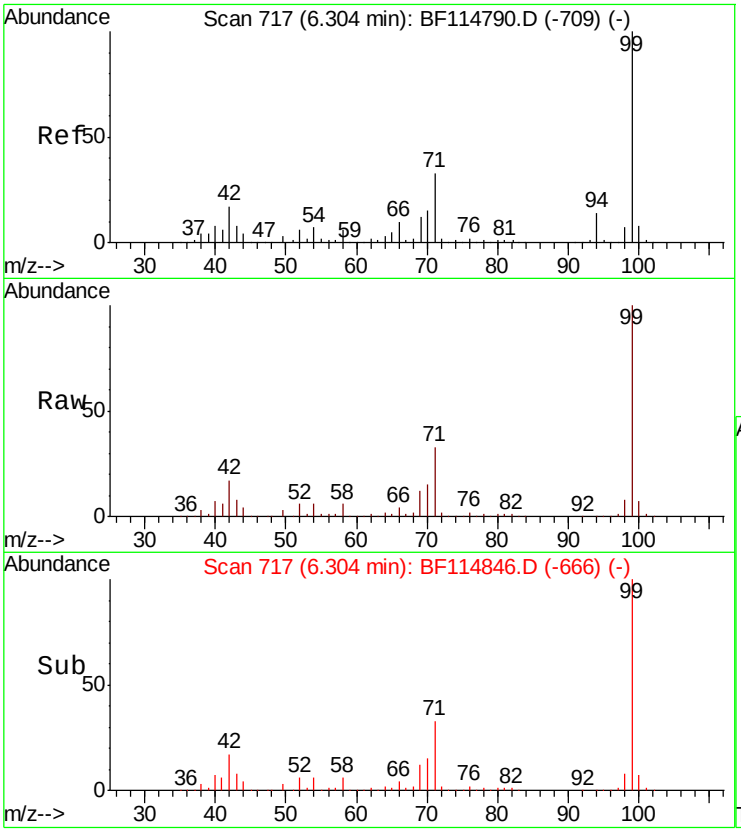


#5
2-Fluorophenol
Concen: 51.271 ng
RT: 5.27 min Scan# 541
Delta R.T. 0.01 min
Lab File: BF114846.D
Acq: 6 Jun 2019 3:56

Tgt Ion:112 Resp: 1118361

Ion	Ratio	Lower	Upper
112	100		
64	52.7	44.6	66.8
63	27.0	23.0	34.4

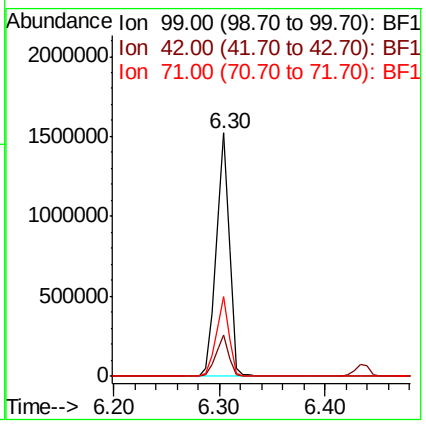




#7
Phenol-d6
Concen: 52.102 ng
RT: 6.30 min Scan# 717
Delta R.T. 0.00 min
Lab File: BF114846.D
Acq: 6 Jun 2019 3:56

Tgt Ion: 99 Resp: 1382866

Ion	Ratio	Lower	Upper
99	100		
42	16.8	13.3	19.9
71	32.5	26.3	39.5



Instrument :
BNA_F
ClientSampleId :
AU-06-060419-A

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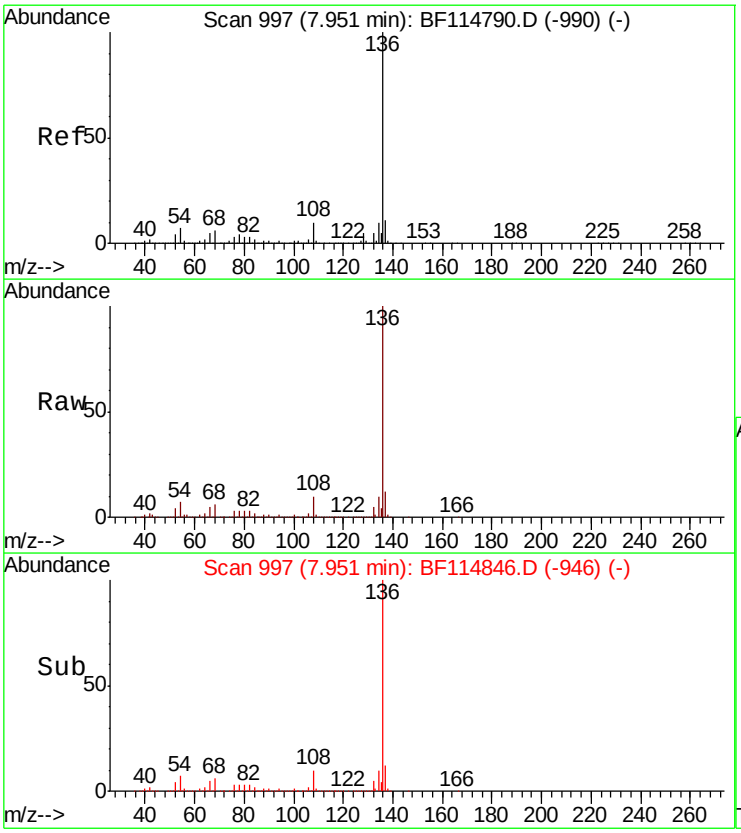
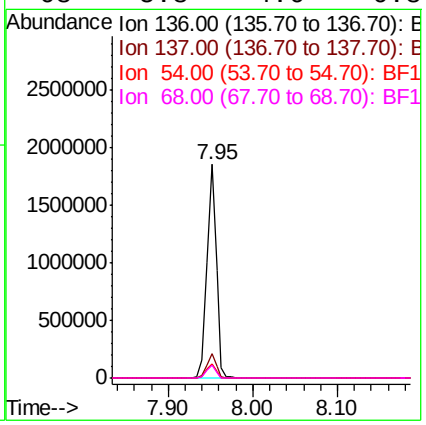
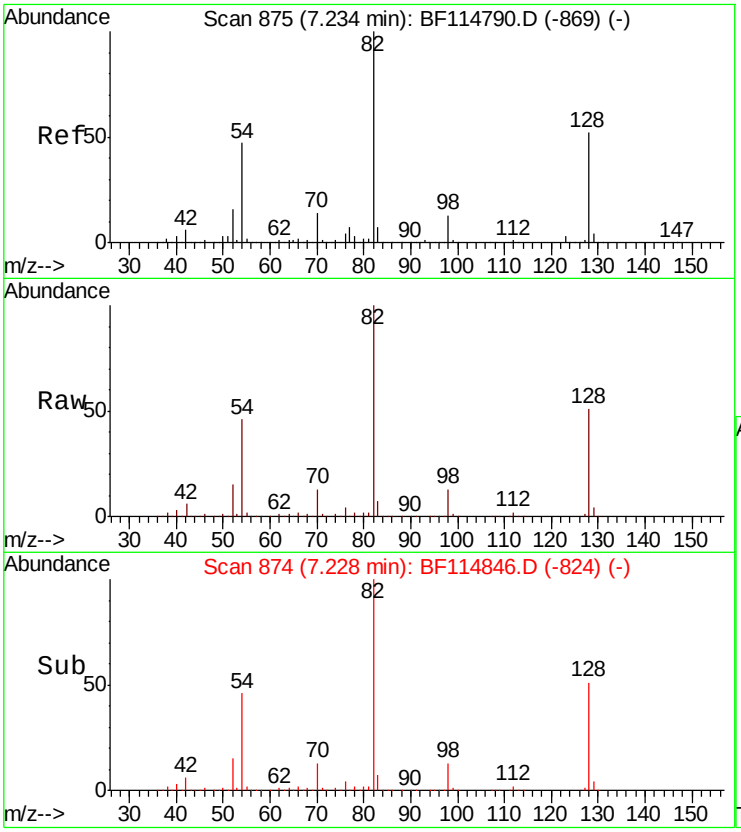


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.00 min
Lab File: BF114846.D
Acq: 6 Jun 2019 3:56

Tgt Ion:136 Resp: 1448774

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	6.9	5.4	8.0
68	5.8	4.6	6.8

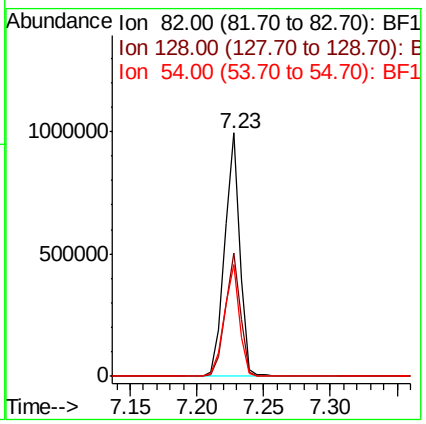




#23
Nitrobenzene-d5
Concen: 34.171 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF114846.D
Acq: 6 Jun 2019 3:56

Tgt Ion: 82 Resp: 804203

Ion	Ratio	Lower	Upper
82	100		
128	50.8	41.8	62.6
54	45.8	37.9	56.9



Instrument :
BNA_F
ClientSampleId :
AU-06-060419-A

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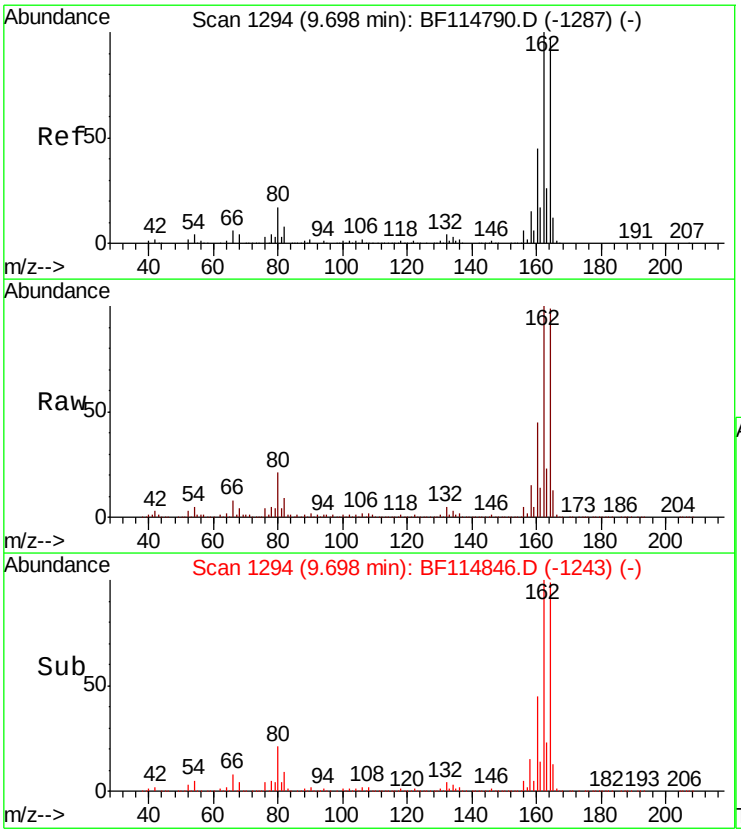
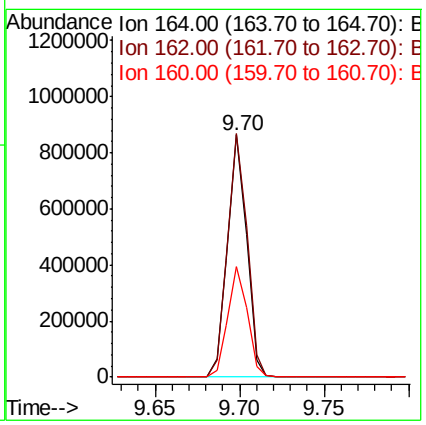
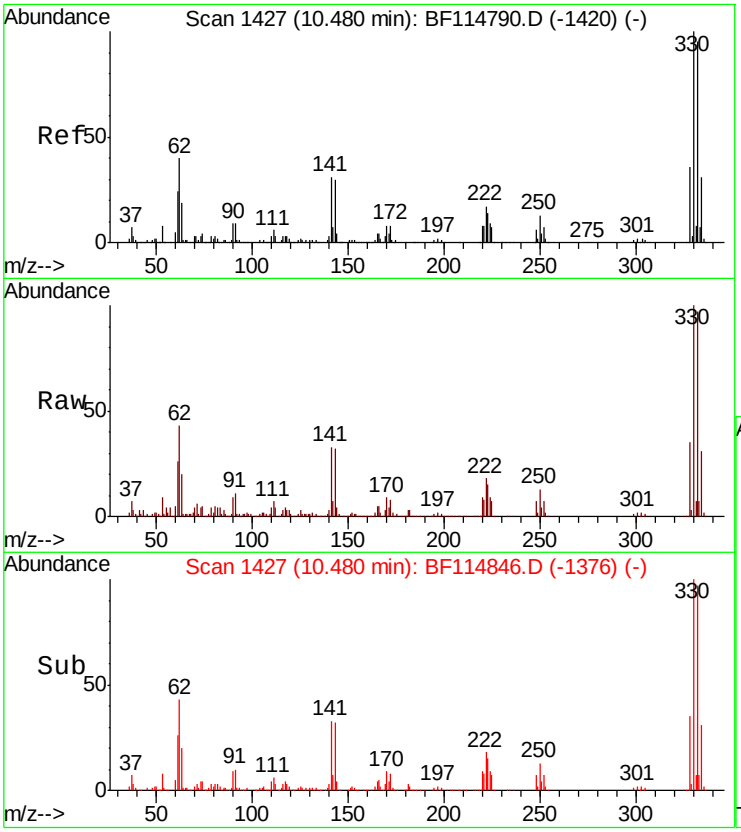


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.70 min Scan# 1294
Delta R.T. 0.00 min
Lab File: BF114846.D
Acq: 6 Jun 2019 3:56

Tgt Ion:164 Resp: 681054

Ion	Ratio	Lower	Upper
164	100		
162	100.6	82.3	123.5
160	45.7	36.7	55.1





#42
2,4,6-Tribromophenol
Concen: 46.523 ng
RT: 10.48 min Scan# 1427
Delta R.T. 0.00 min
Lab File: BF114846.D
Acq: 6 Jun 2019 3:56

Tgt Ion:330 Resp: 341451

Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.3	115.9
141	33.1	26.2	39.4

Instrument :
BNA_F
ClientSampleId :
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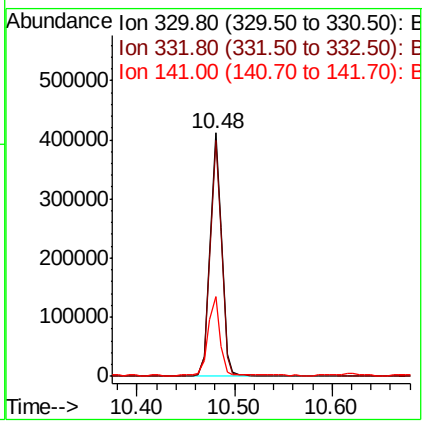
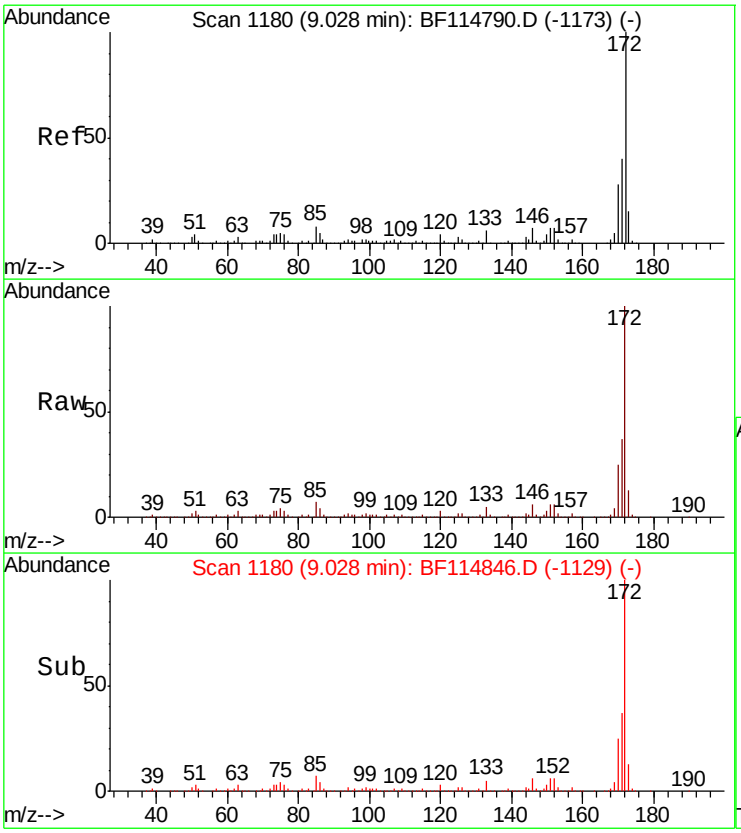
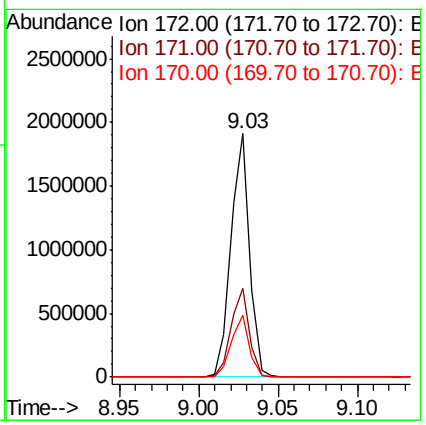


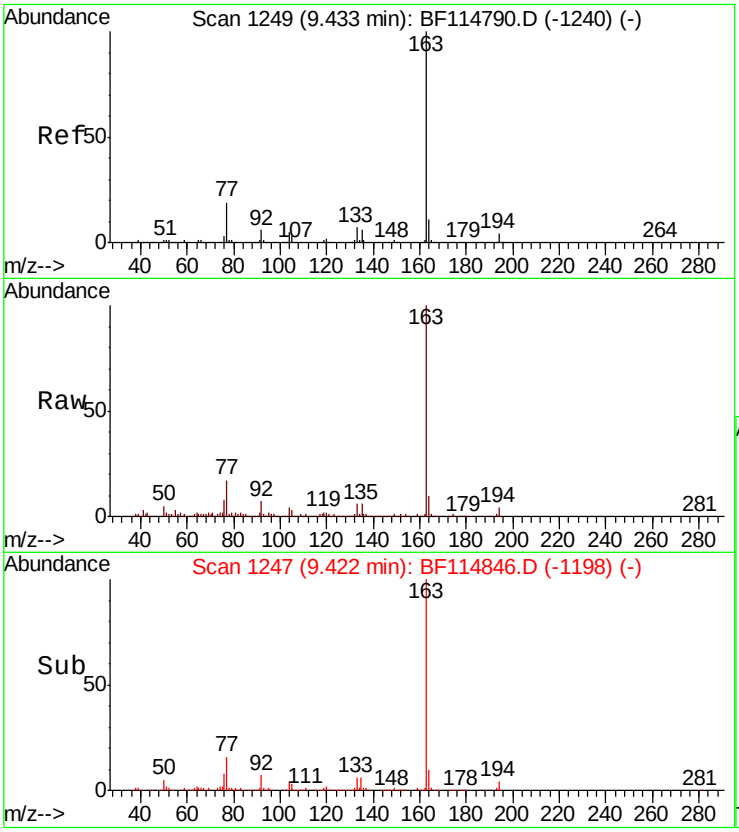


#45
2-Fluorobiphenyl
Concen: 42.806 ng
RT: 9.03 min Scan# 1180
Delta R.T. 0.00 min
Lab File: BF114846.D
Acq: 6 Jun 2019 3:56

Tgt Ion:172 Resp: 1556268

Ion	Ratio	Lower	Upper
172	100		
171	36.6	32.3	48.5
170	25.3	22.4	33.6

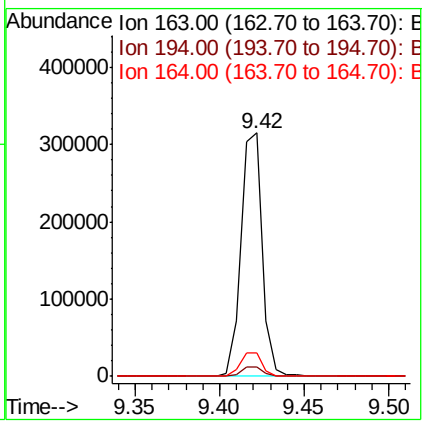




#50
Dimethylphthalate
Concen: 5.521 ng
RT: 9.42 min Scan# 1247
Delta R.T. -0.01 min
Lab File: BF114846.D
Acq: 6 Jun 2019 3:56

Tgt Ion:163 Resp: 274621

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.2
164	9.7	8.6	13.0



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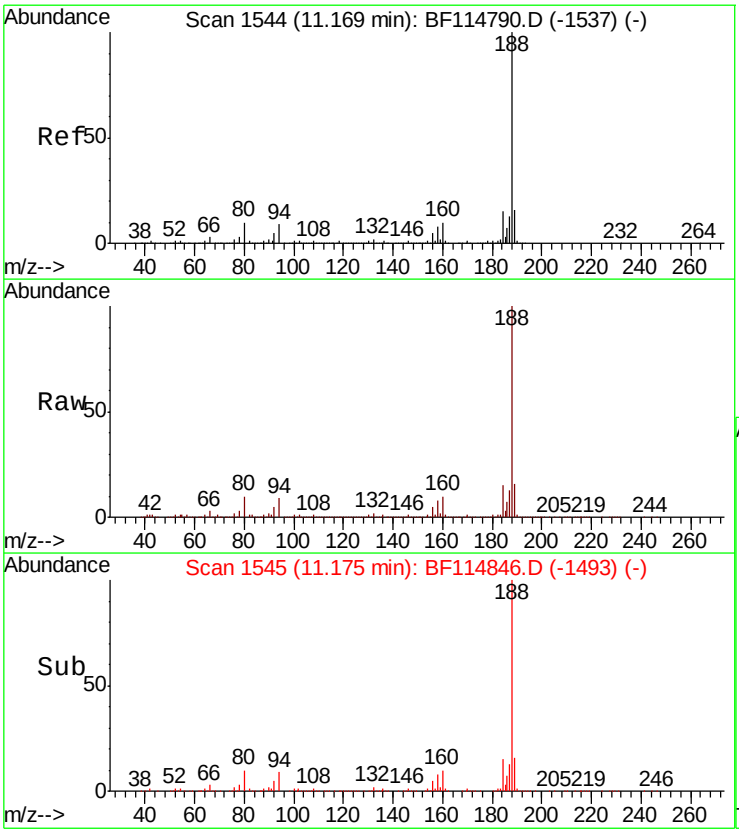
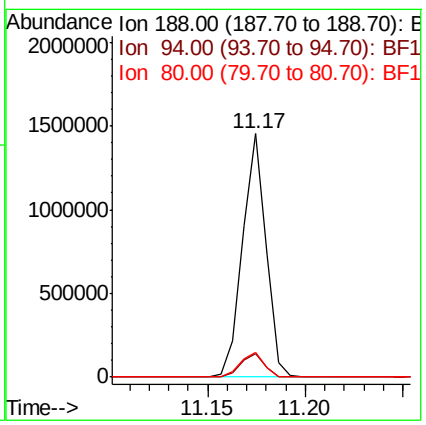
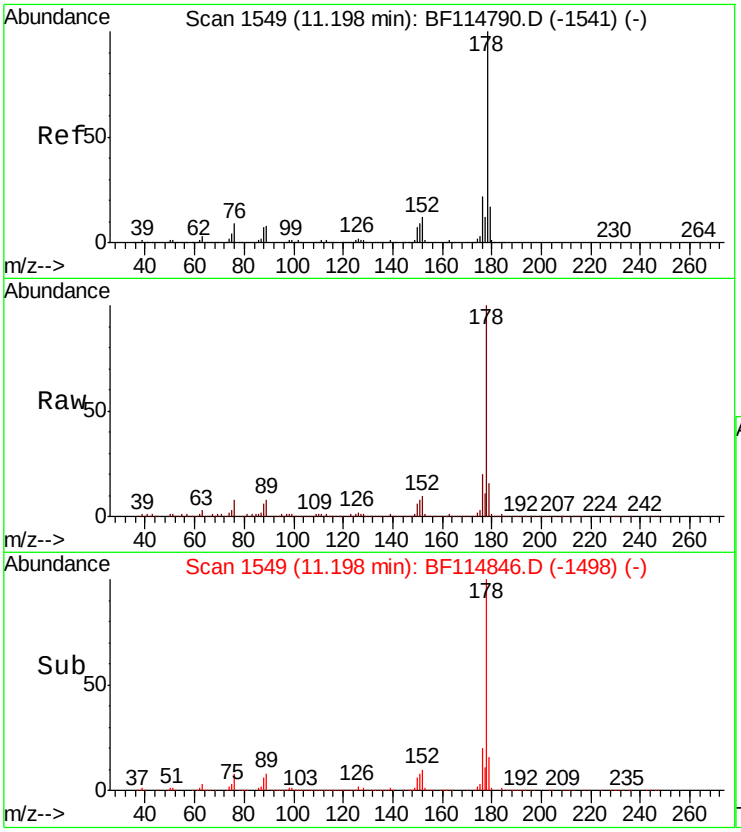


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.17 min Scan# 1545
Delta R.T. 0.01 min
Lab File: BF114846.D
Acq: 6 Jun 2019 3:56

Tgt Ion:188 Resp: 1207857

Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.6	11.4
80	9.9	8.3	12.5

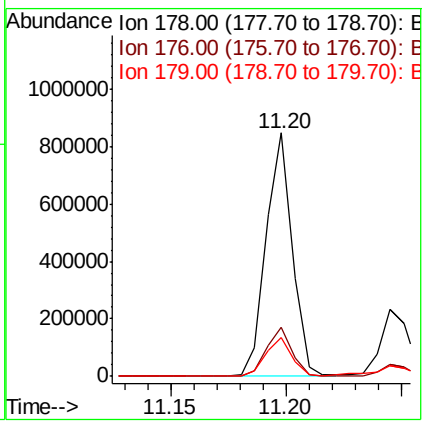




#71
Phenanthrene
Concen: 11.588 ng
RT: 11.20 min Scan# 1549
Delta R.T. 0.00 min
Lab File: BF114846.D
Acq: 6 Jun 2019 3:56

Tgt Ion:178 Resp: 668207

Ion	Ratio	Lower	Upper
178	100		
176	20.0	17.7	26.5
179	15.8	13.7	20.5



Instrument :
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ClientSampleId :
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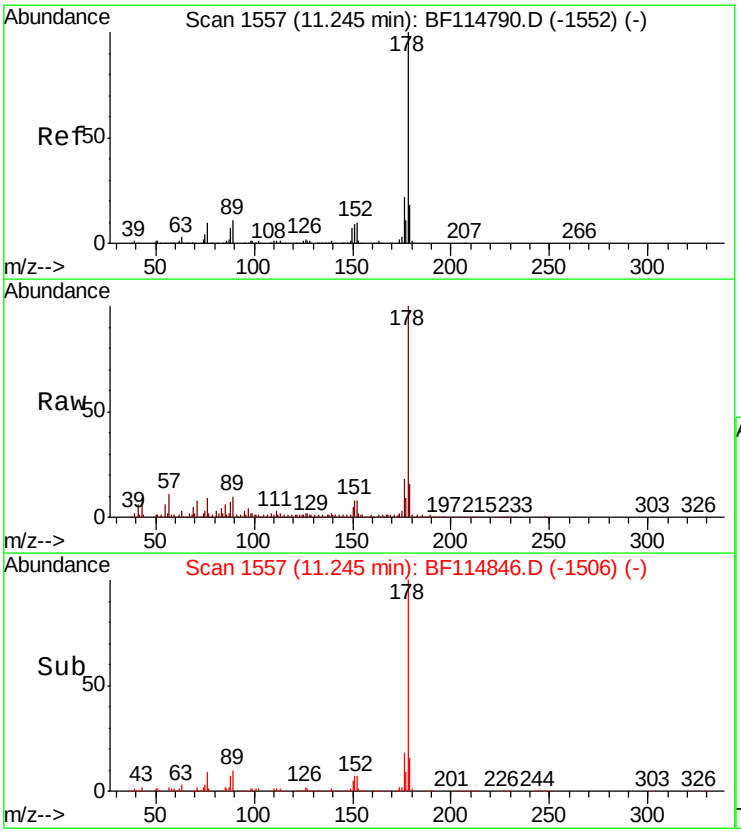
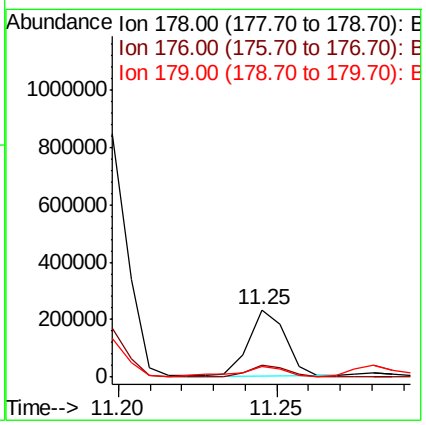
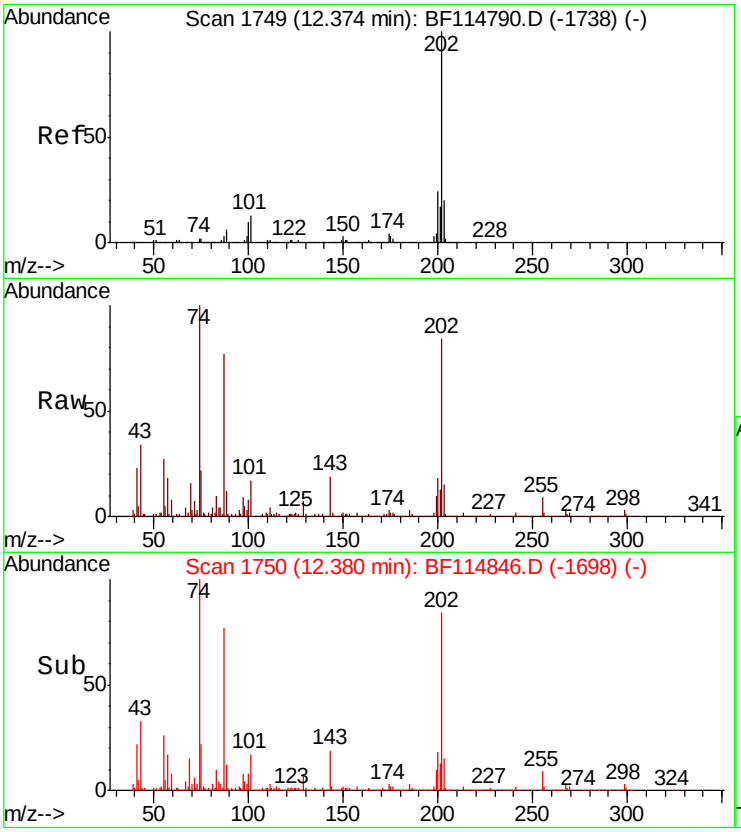


#72
Anthracene
Concen: 3.134 ng
RT: 11.25 min Scan# 1557
Delta R.T. 0.00 min
Lab File: BF114846.D
Acq: 6 Jun 2019 3:56

Tgt Ion:178 Resp: 190175

Ion	Ratio	Lower	Upper
178	100		
176	18.2	17.4	26.0
179	16.1	14.2	21.4

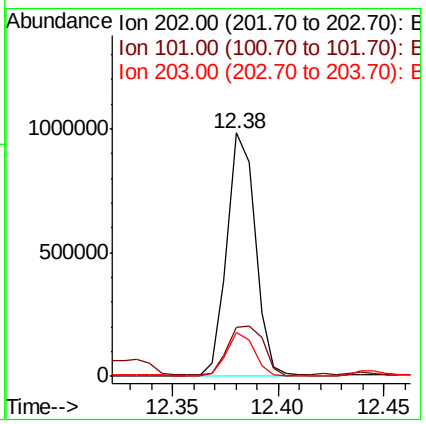




#75
Fluoranthene
Concen: 15.222 ng
RT: 12.38 min Scan# 1750
Delta R.T. 0.01 min
Lab File: BF114846.D
Acq: 6 Jun 2019 3:56

Tgt Ion:202 Resp: 913574

Ion	Ratio	Lower	Upper
202	100		
101	20.3	0.0	32.8
203	18.0	0.2	40.2



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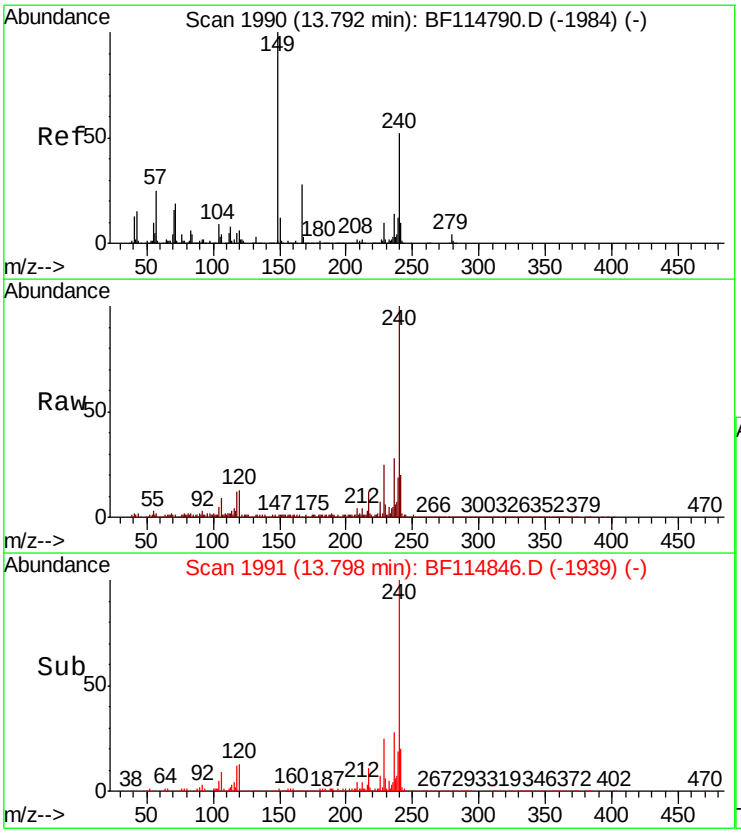
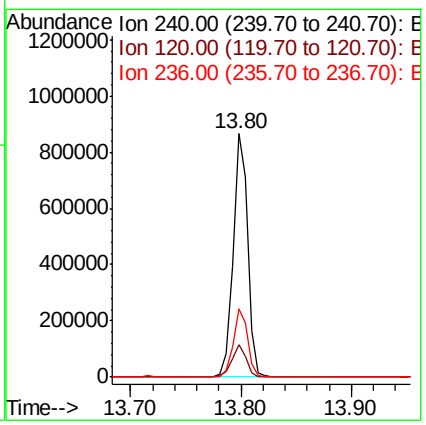
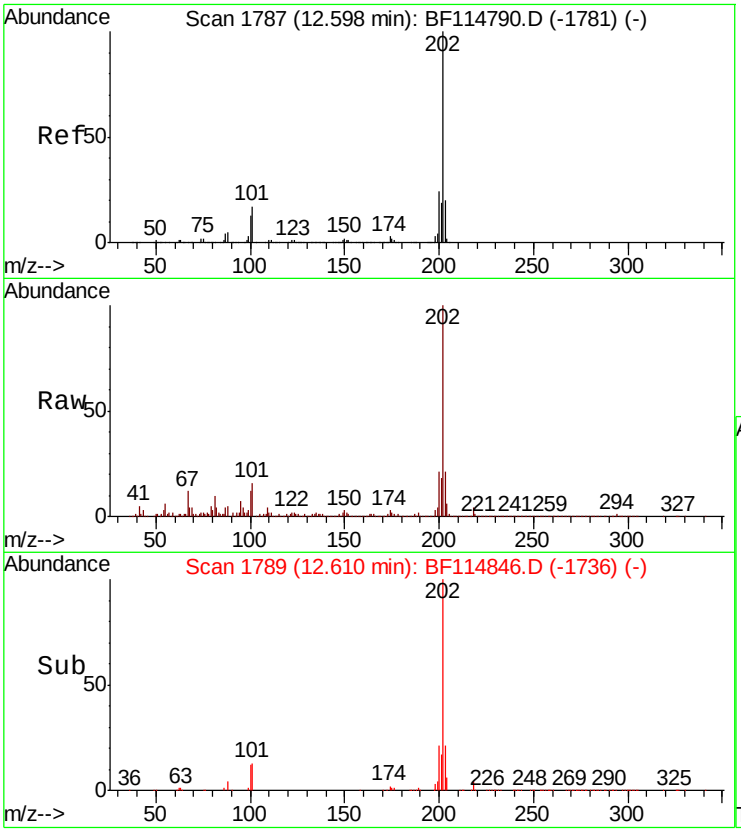


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.80 min Scan# 1991
Delta R.T. 0.01 min
Lab File: BF114846.D
Acq: 6 Jun 2019 3:56

Tgt Ion:240 Resp: 793190

Ion	Ratio	Lower	Upper
240	100		
120	13.3	9.0	13.4
236	28.0	21.4	32.0

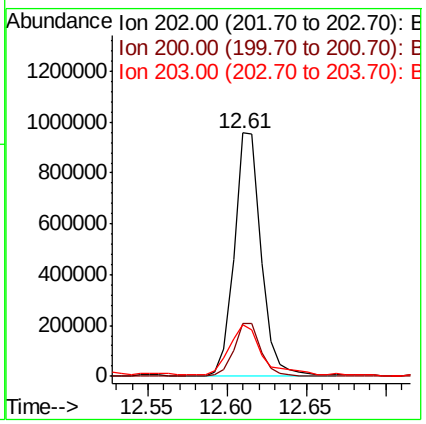




#78
Pyrene
Concen: 16.260 ng
RT: 12.61 min Scan# 1789
Delta R.T. 0.01 min
Lab File: BF114846.D
Acq: 6 Jun 2019 3:56

Tgt Ion:202 Resp: 1118870

Ion	Ratio	Lower	Upper
202	100		
200	21.5	19.2	28.8
203	21.4	15.9	23.9



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ClientSampleId :
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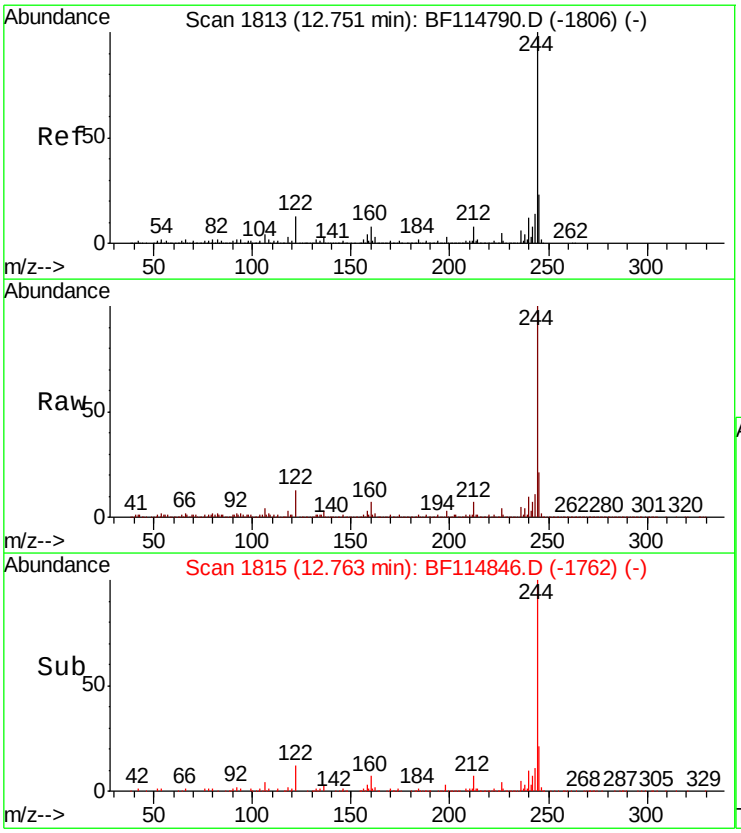
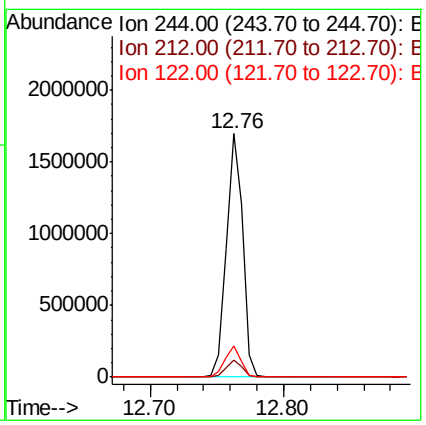
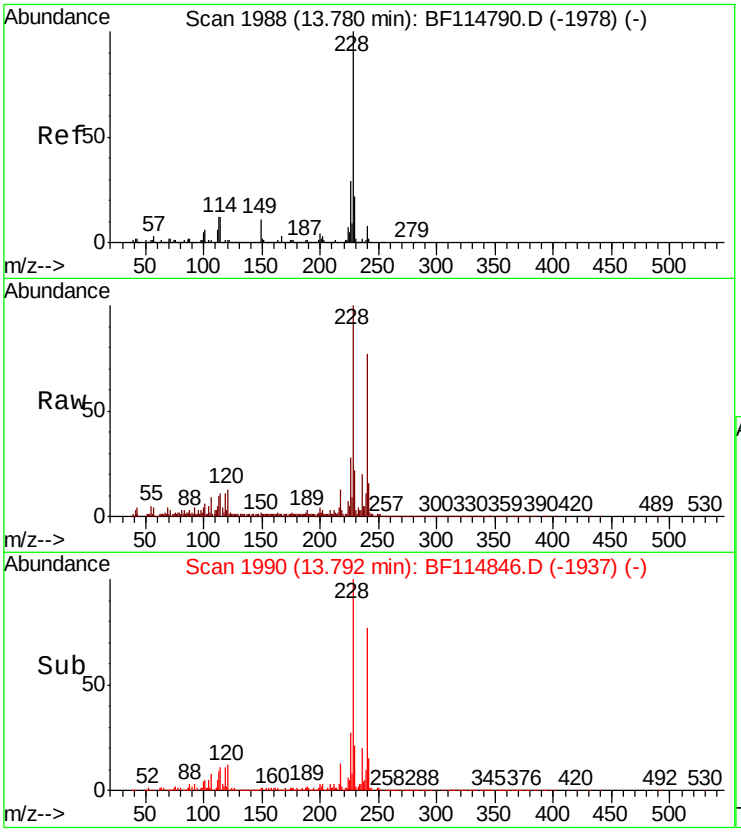


#79
Terphenyl-d14
Concen: 35.762 ng
RT: 12.76 min Scan# 1815
Delta R.T. 0.01 min
Lab File: BF114846.D
Acq: 6 Jun 2019 3:56

Tgt Ion:244 Resp: 1458576

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.5	9.7
122	12.6	10.5	15.7

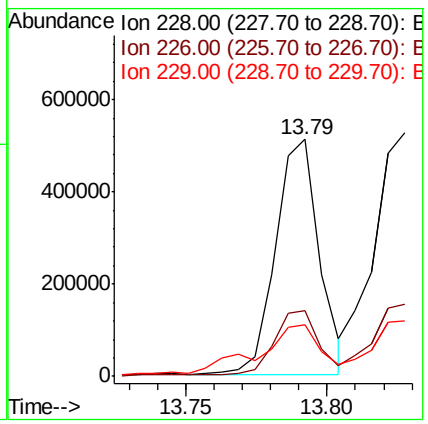




#81
Benzo(a)anthracene
Concen: 8.918 ng
RT: 13.79 min Scan# 1990
Delta R.T. 0.01 min
Lab File: BF114846.D
Acq: 6 Jun 2019 3:56

Tgt Ion:228 Resp: 545074

Ion	Ratio	Lower	Upper
228	100		
226	27.8	23.4	35.2
229	21.5	17.4	26.0



Instrument :
BNA_F
ClientSampleId :
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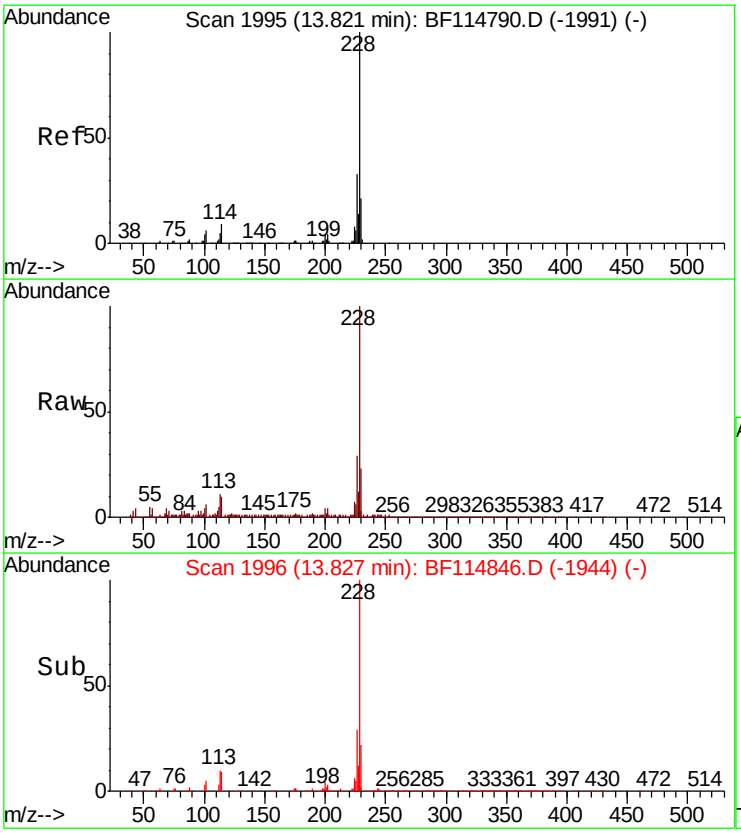
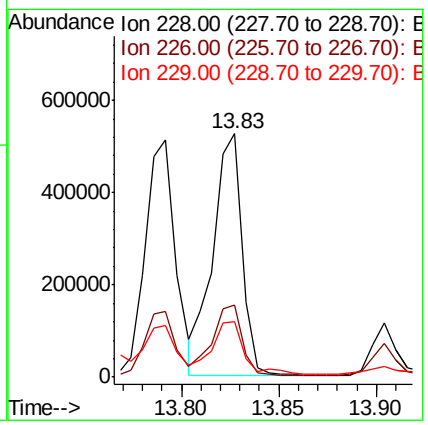
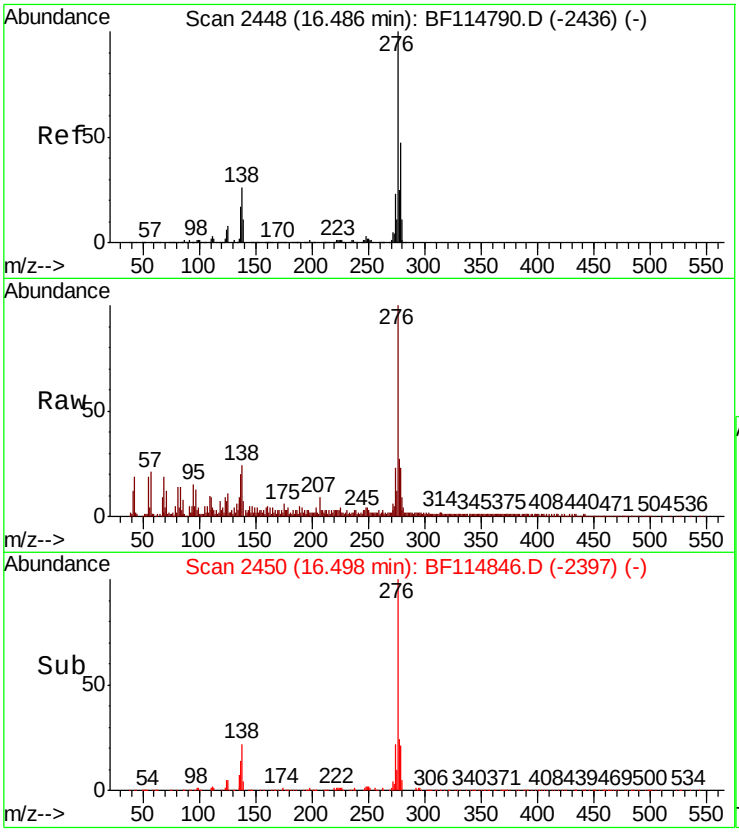


#83
Chrysene
Concen: 9.239 ng
RT: 13.83 min Scan# 1996
Delta R.T. 0.01 min
Lab File: BF114846.D
Acq: 6 Jun 2019 3:56

Tgt Ion:228 Resp: 549382

Ion	Ratio	Lower	Upper
228	100		
226	29.4	26.0	39.0
229	22.7	17.1	25.7

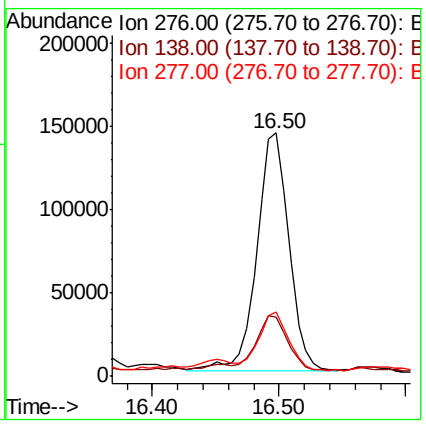




#86
Indeno(1,2,3-cd)pyrene
Concen: 3.723 ng
RT: 16.50 min Scan# 2450
Delta R.T. 0.01 min
Lab File: BF114846.D
Acq: 6 Jun 2019 3:56

Tgt Ion:276 Resp: 252609

Ion	Ratio	Lower	Upper
276	100		
138	23.8	22.2	33.4
277	23.4	20.6	30.8



Instrument :
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ClientSampleId :
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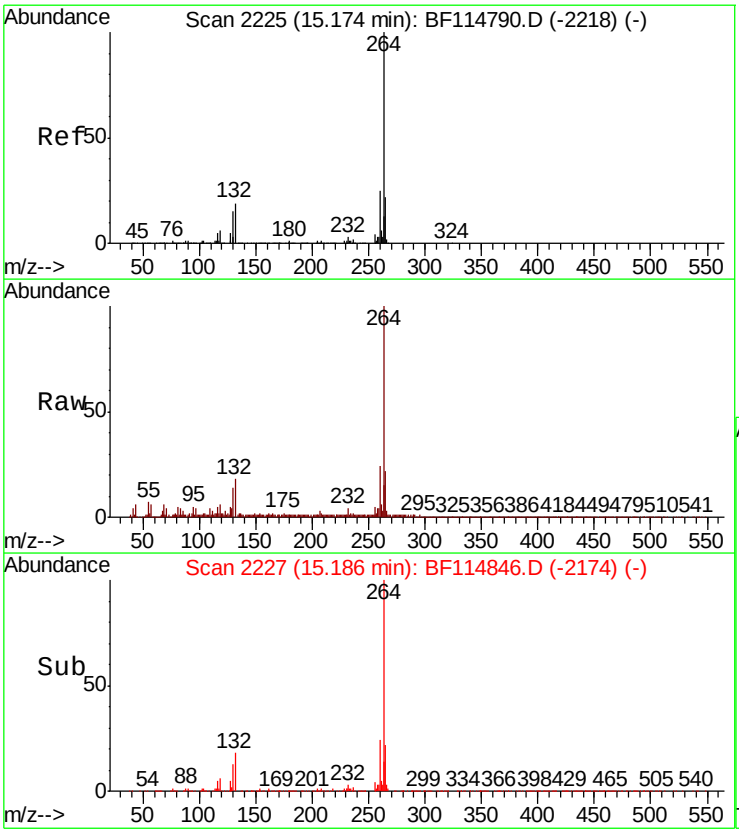
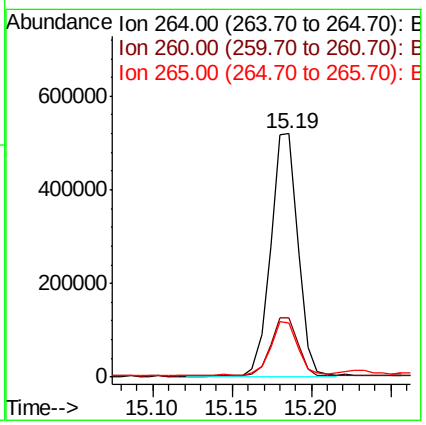
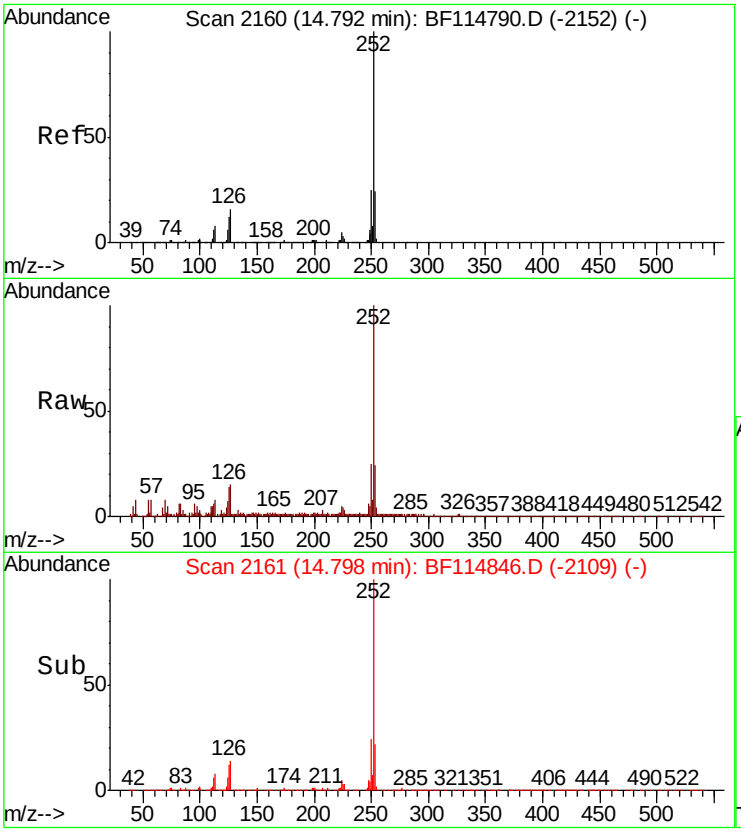


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.19 min Scan# 2227
Delta R.T. 0.01 min
Lab File: BF114846.D
Acq: 6 Jun 2019 3:56

Tgt Ion:264 Resp: 619240

Ion	Ratio	Lower	Upper
264	100		
260	24.2	20.1	30.1
265	22.1	17.7	26.5

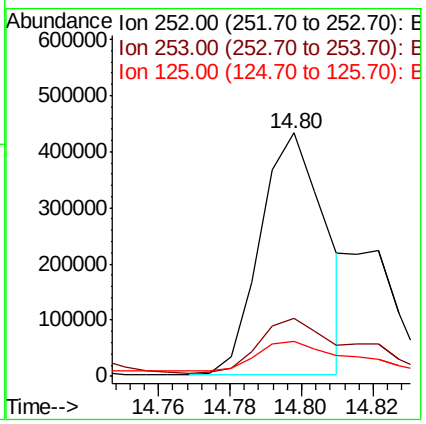




#88
Benzo(b)fluoranthene
Concen: 13.767 ng m
RT: 14.80 min Scan# 2161
Delta R.T. 0.01 min
Lab File: BF114846.D
Acq: 6 Jun 2019 3:56

Tgt Ion:252 Resp: 542731

Ion	Ratio	Lower	Upper
252	100		
253	23.9	19.0	28.6
125	14.3	9.4	14.0#



Instrument :
BNA_F
ClientSampleId :
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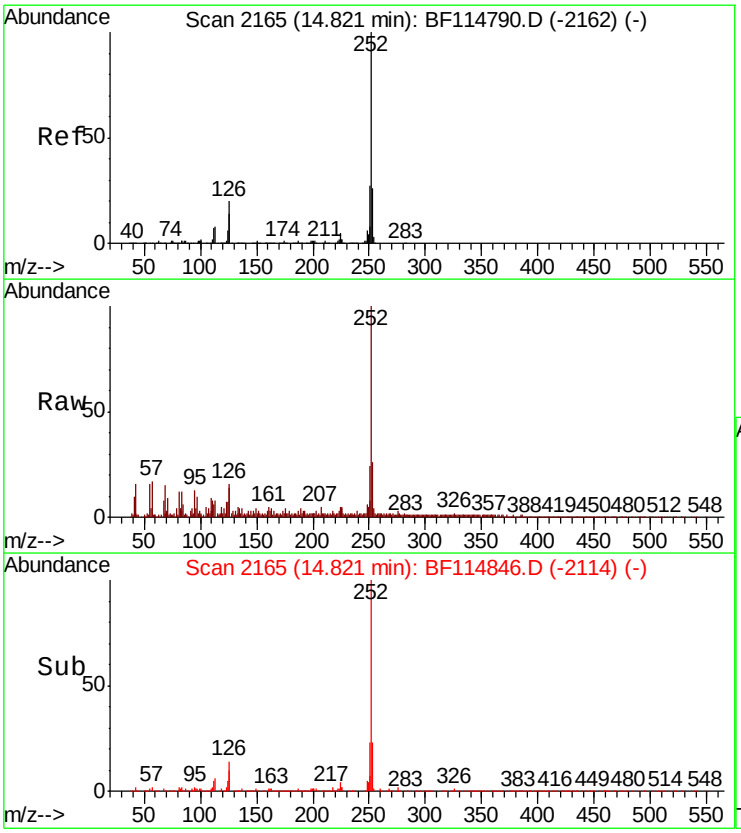
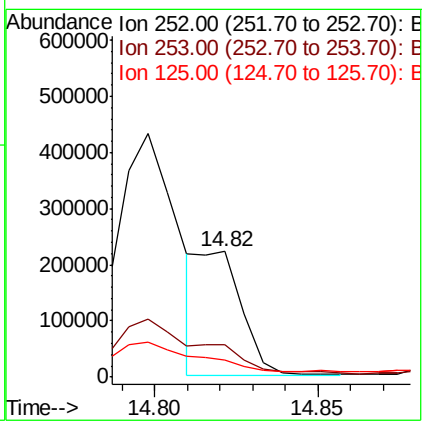
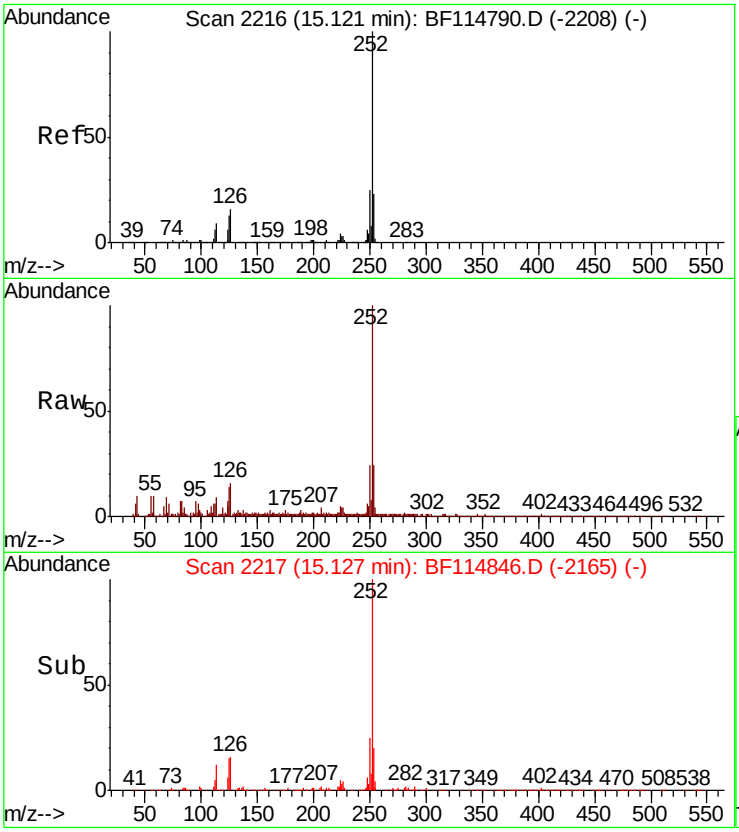


#89
Benzo(k)fluoranthene
Concen: 6.082 ng m
RT: 14.82 min Scan# 2165
Delta R.T. 0.00 min
Lab File: BF114846.D
Acq: 6 Jun 2019 3:56

Tgt Ion:252 Resp: 203599

Ion	Ratio	Lower	Upper
252	100		
253	26.1	19.3	28.9
125	13.8	10.1	15.1

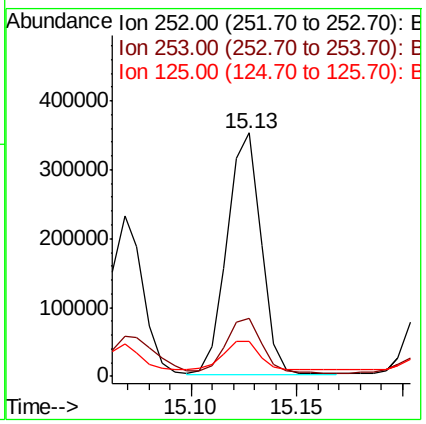




#90
Benzo(a)pyrene
Concen: 11.442 ng
RT: 15.13 min Scan# 2217
Delta R.T. 0.01 min
Lab File: BF114846.D
Acq: 6 Jun 2019 3:56

Tgt Ion:252 Resp: 390409

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.5	27.7
125	14.3	10.1	15.1



Instrument :
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ClientSampleId :
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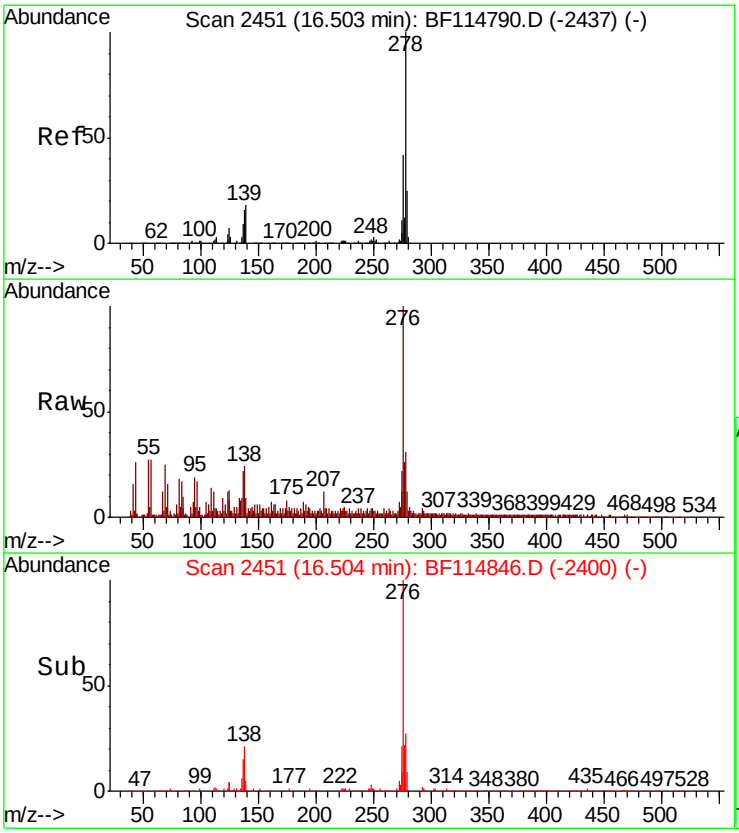
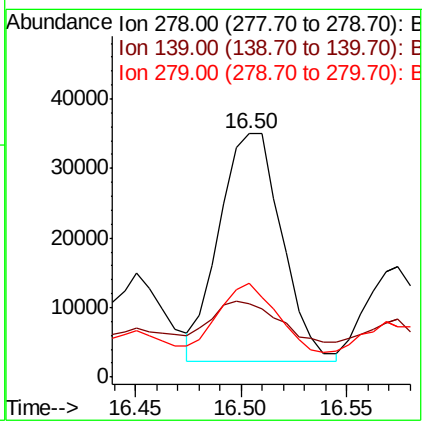
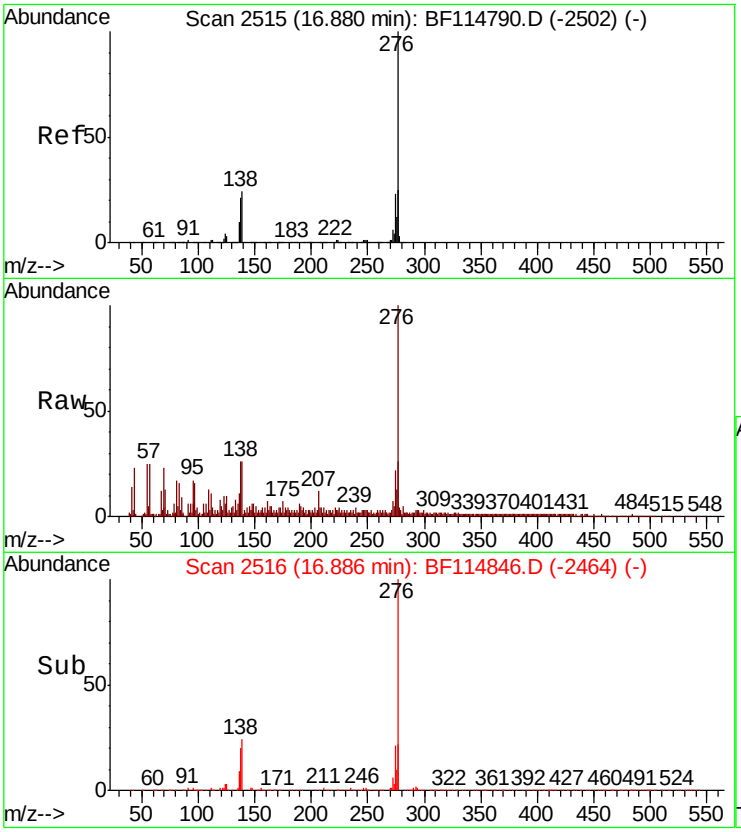


#91
Dibenzo(a,h)anthracene
Concen: 2.083 ng
RT: 16.50 min Scan# 2451
Delta R.T. 0.00 min
Lab File: BF114846.D
Acq: 6 Jun 2019 3:56

Tgt Ion:278 Resp: 67307

Ion	Ratio	Lower	Upper
278	100		
139	30.0	14.6	22.0#
279	38.6	20.1	30.1#

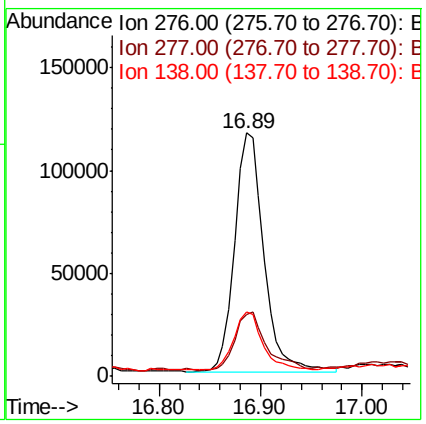




#92
Benzo(g,h,i)perylene
Concen: 7.199 ng
RT: 16.89 min Scan# 2516
Delta R.T. 0.01 min
Lab File: BF114846.D
Acq: 6 Jun 2019 3:56

Tgt Ion:276 Resp: 233939

Ion	Ratio	Lower	Upper
276	100		
277	25.6	19.8	29.6
138	26.3	19.4	29.2



Instrument :
BNA_F
ClientSampleId :
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