Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060519\
Data File : BF114843.D
Acq On : 6 Jun 2019 2:36
Operator : HP/JU
Sample : K3151-05 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

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

Manual Integrations APPROVED
mohammad
6/6/2019 4:50:48 PM

Quant Time: Jun 06 07:59:34 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	348192	20.00	ng		0.00
21) Naphthalene-d8	7.95	136	1337613	20.00	ng		0.00
39) Acenaphthene-d10	9.70	164	649275	20.00	ng		0.00
64) Phenanthrene-d10	11.17	188	1168758	20.00	ng		0.00
76) Chrysene-d12	13.80	240	766179	20.00	ng		0.00
87) Perylene-d12	15.18	264	633310	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	457937	22.98	ng		0.00
7) Phenol-d6	6.30	99	782203	32.26	ng		0.00
23) Nitrobenzene-d5	7.22	82	442475	20.36	ng		-0.01
42) 2,4,6-Tribromophenol	10.48	330	257152	36.75	ng		0.00
45) 2-Fluorobiphenyl	9.03	172	1111791	32.08	ng		0.00
79) Terphenyl-d14	12.76	244	1204851	30.58	ng		0.00
Target Compounds							Qvalue
50) Dimethylphthalate	9.42	163	179286	3.781	ng		100
71) Phenanthrene	11.20	178	877936	15.735	ng		96
72) Anthracene	11.24	178	247562	4.216	ng		94
75) Fluoranthene	12.38	202	1615792	27.824	ng		94
78) Pyrene	12.61	202	1652441	24.861	ng		97
81) Benzo(a)anthracene	13.79	228	826672	14.001	ng		99
83) Chrysene	13.82	228	716484	12.475	ng		96
86) Indeno(1,2,3-cd)pyrene	16.49	276	287014	4.380	ng		96
88) Benzo(b)fluoranthene	14.80	252	699969m	17.361	ng		
89) Benzo(k)fluoranthene	14.82	252	256872m	7.502	ng		
90) Benzo(a)pyrene	15.12	252	507449	14.542	ng	#	97
91) Dibenzo(a,h)anthracene	16.50	278	74706	2.261	ng	#	76
92) Benzo(g,h,i)perylene	16.89	276	263073	7.916	ng		99

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

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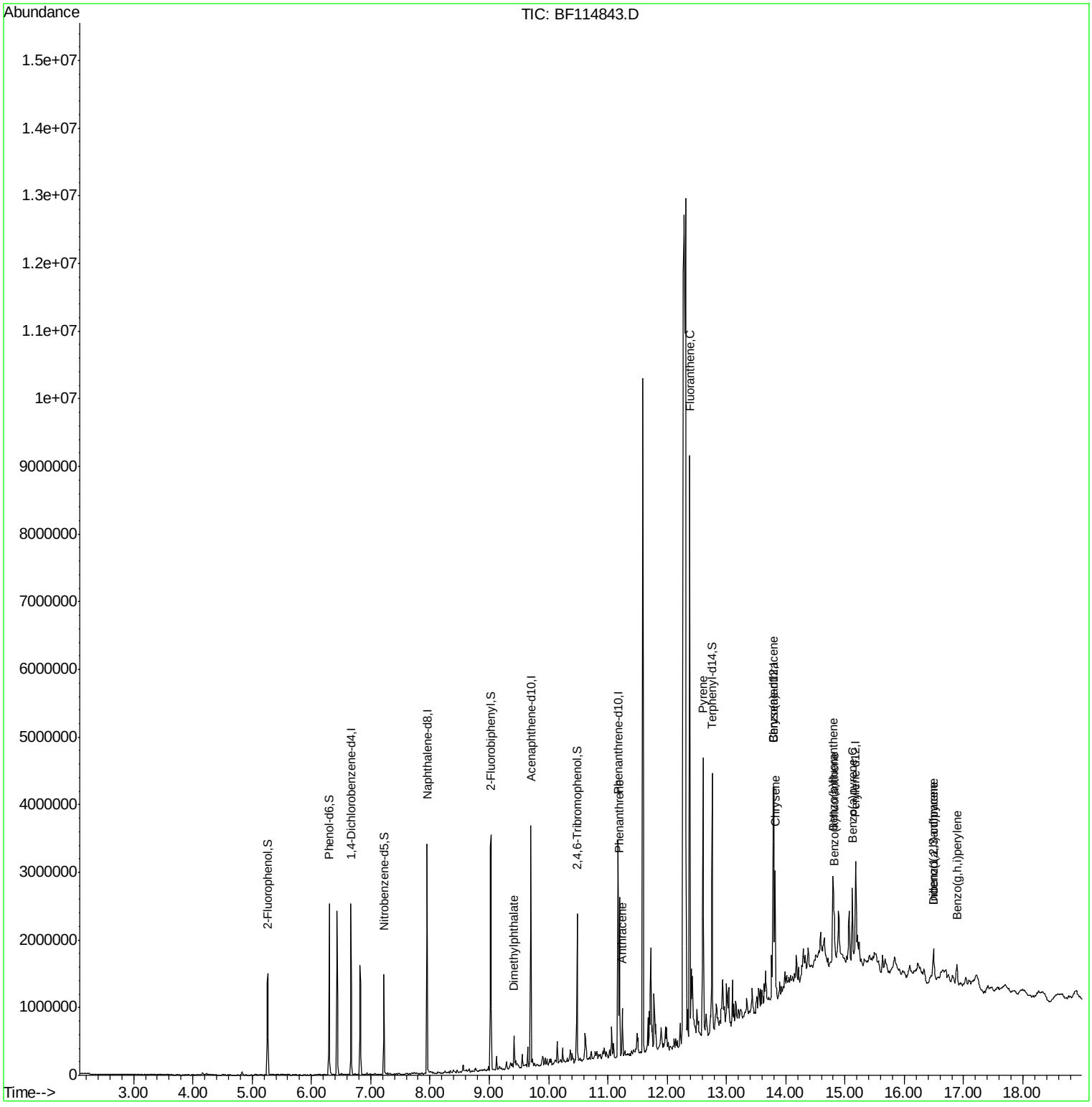
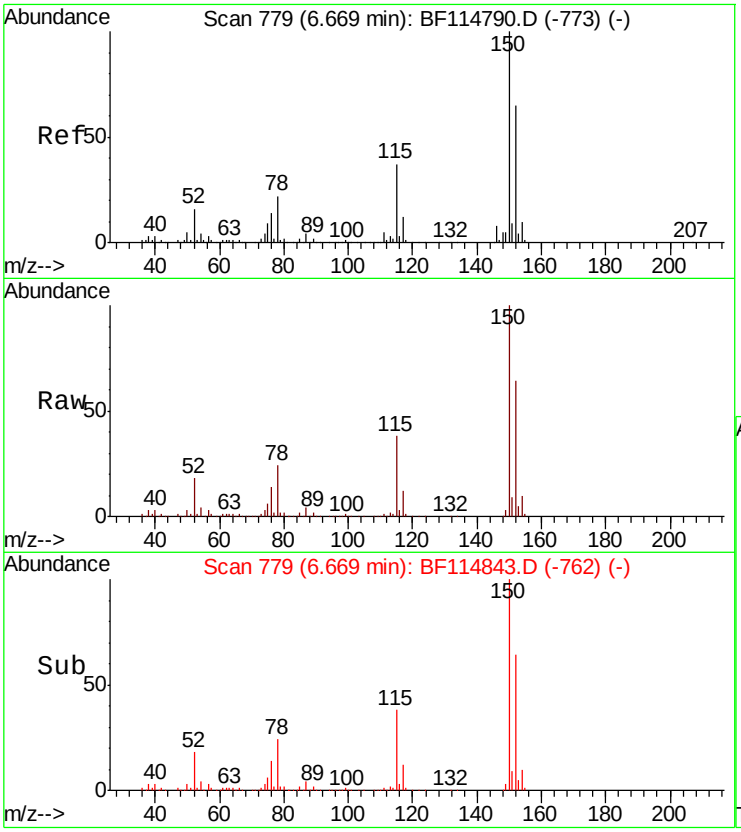
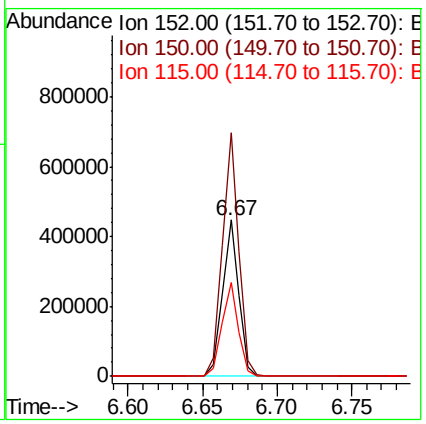




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 779
Delta R.T. -0.00 min
Lab File: BF114843.D
Acq: 6 Jun 2019 2:36

Tgt Ion:152 Resp: 348192

Ion	Ratio	Lower	Upper
152	100		
150	155.7	124.0	186.0
115	59.7	46.3	69.5



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

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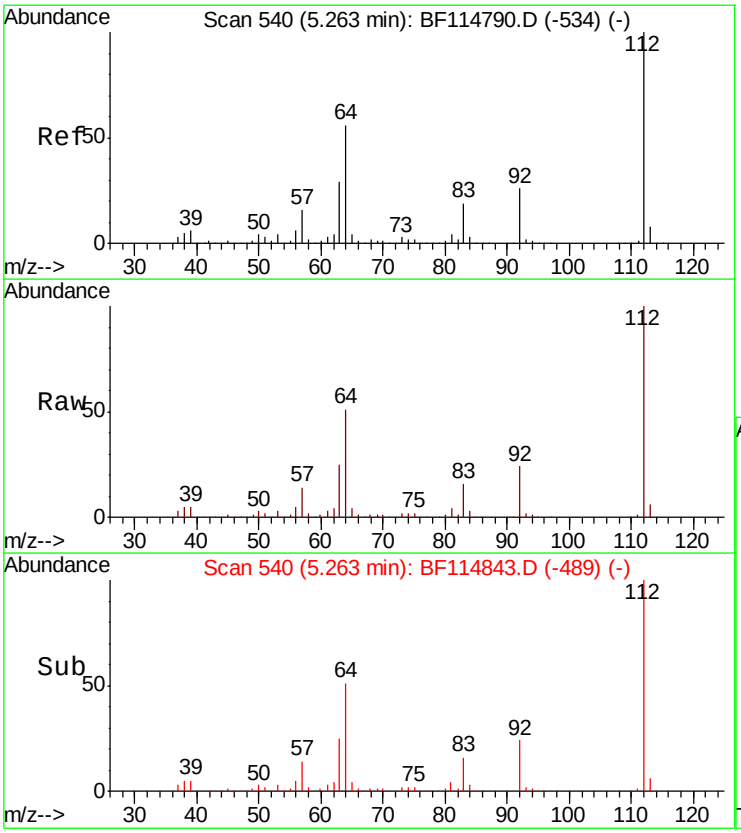
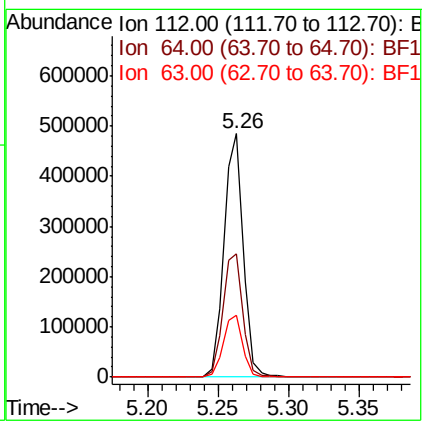
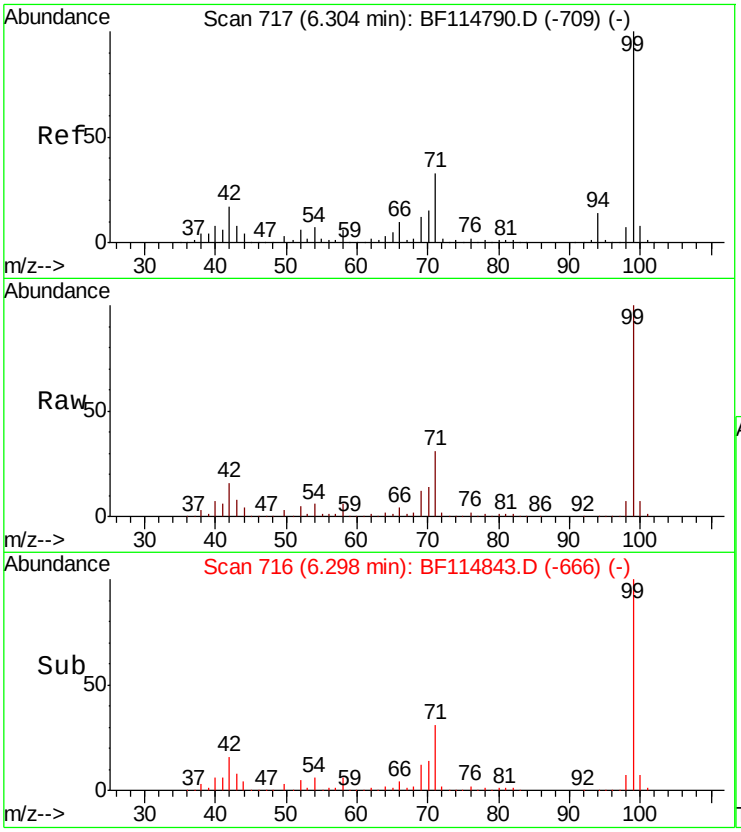


#5
2-Fluorophenol
Concen: 22.981 ng
RT: 5.26 min Scan# 540
Delta R.T. -0.00 min
Lab File: BF114843.D
Acq: 6 Jun 2019 2:36

Tgt Ion:112 Resp: 457937

Ion	Ratio	Lower	Upper
112	100		
64	50.7	44.6	66.8
63	25.4	23.0	34.4

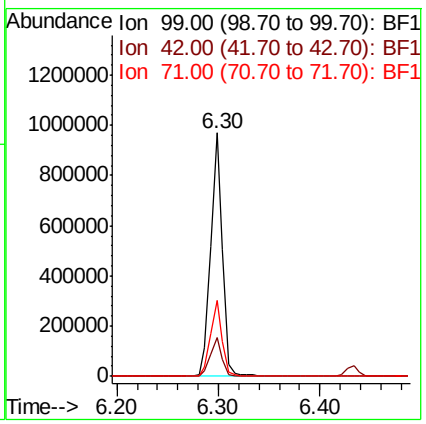




#7
Phenol-d6
Concen: 32.260 ng
RT: 6.30 min Scan# 716
Delta R.T. -0.01 min
Lab File: BF114843.D
Acq: 6 Jun 2019 2:36

Tgt Ion: 99 Resp: 782203

Ion	Ratio	Lower	Upper
99	100		
42	16.1	13.3	19.9
71	31.0	26.3	39.5



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

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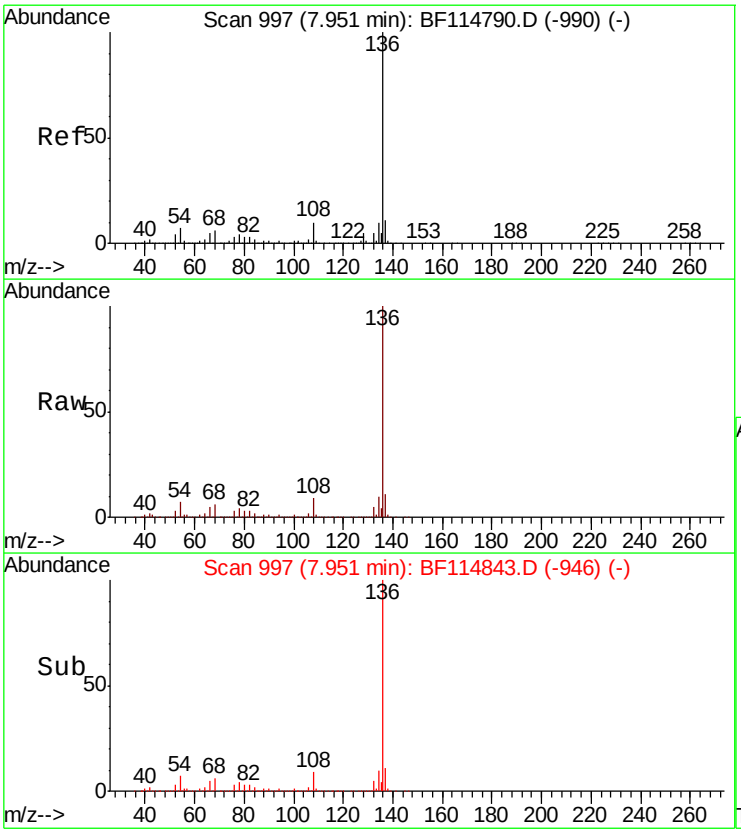
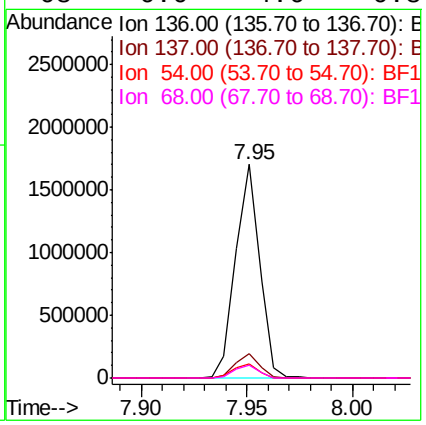
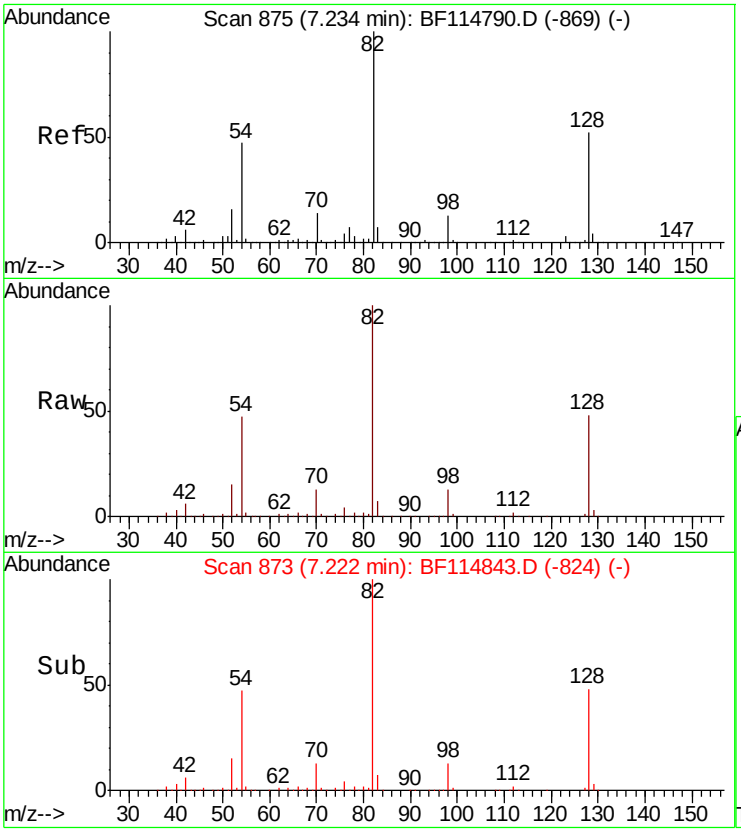


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.00 min
Lab File: BF114843.D
Acq: 6 Jun 2019 2:36

Tgt Ion:136 Resp: 1337613

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	6.8	5.4	8.0
68	6.0	4.6	6.8

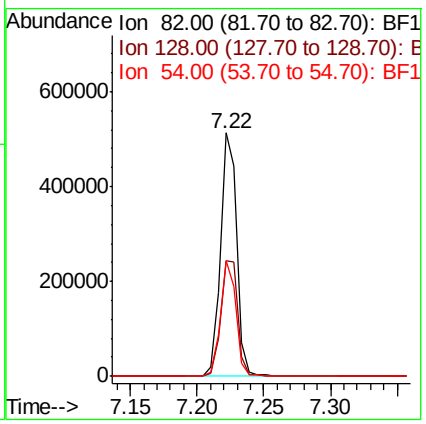




#23
Nitrobenzene-d5
Concen: 20.363 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF114843.D
Acq: 6 Jun 2019 2:36

Tgt Ion: 82 Resp: 442475

Ion	Ratio	Lower	Upper
82	100		
128	47.7	41.8	62.6
54	47.3	37.9	56.9



Instrument :
BNA_F
ClientSampleId :
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Manual Integrations APPROVED
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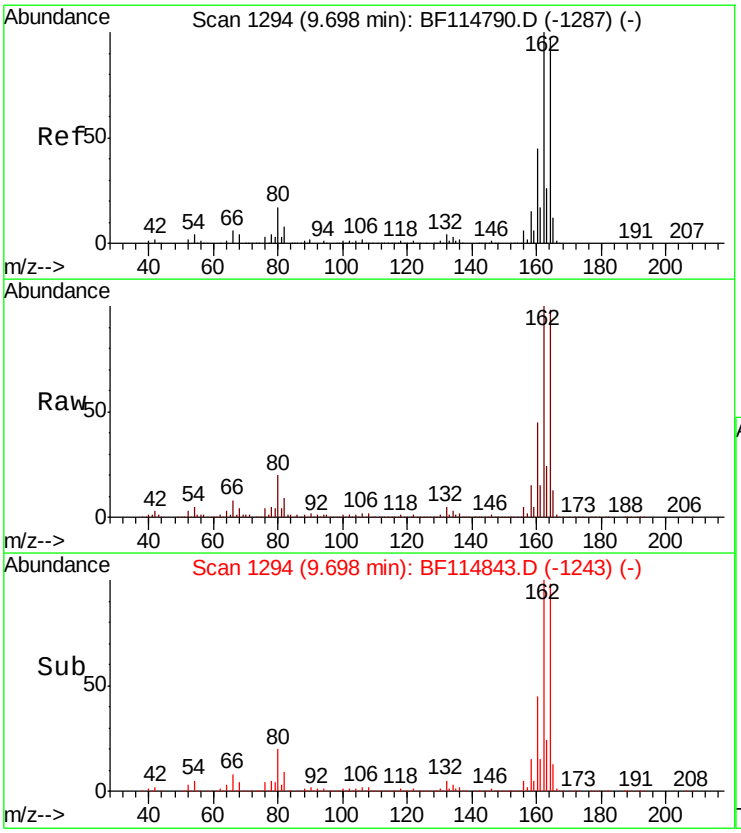
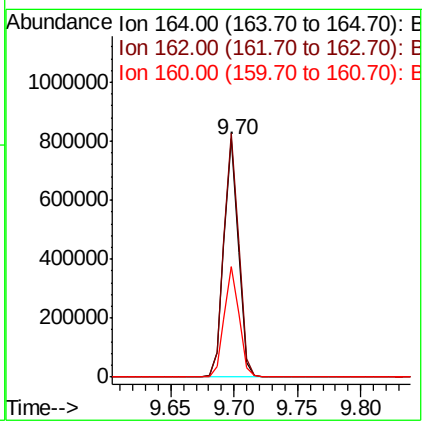
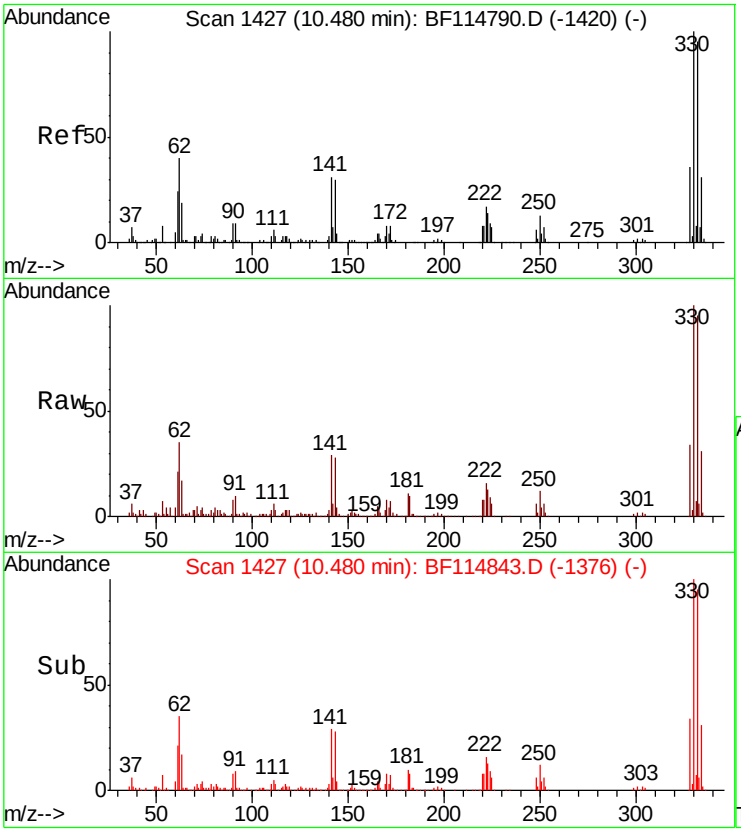


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BF114843.D
Acq: 6 Jun 2019 2:36

Tgt Ion:164 Resp: 649275

Ion	Ratio	Lower	Upper
164	100		
162	102.2	82.3	123.5
160	46.2	36.7	55.1





#42
2,4,6-Tribromophenol
Concen: 36.752 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.00 min
Lab File: BF114843.D
Acq: 6 Jun 2019 2:36

Tgt Ion:330 Resp: 257152

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.3	115.9
141	34.6	26.2	39.4

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

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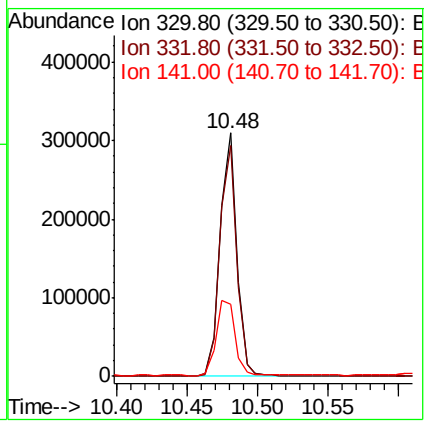
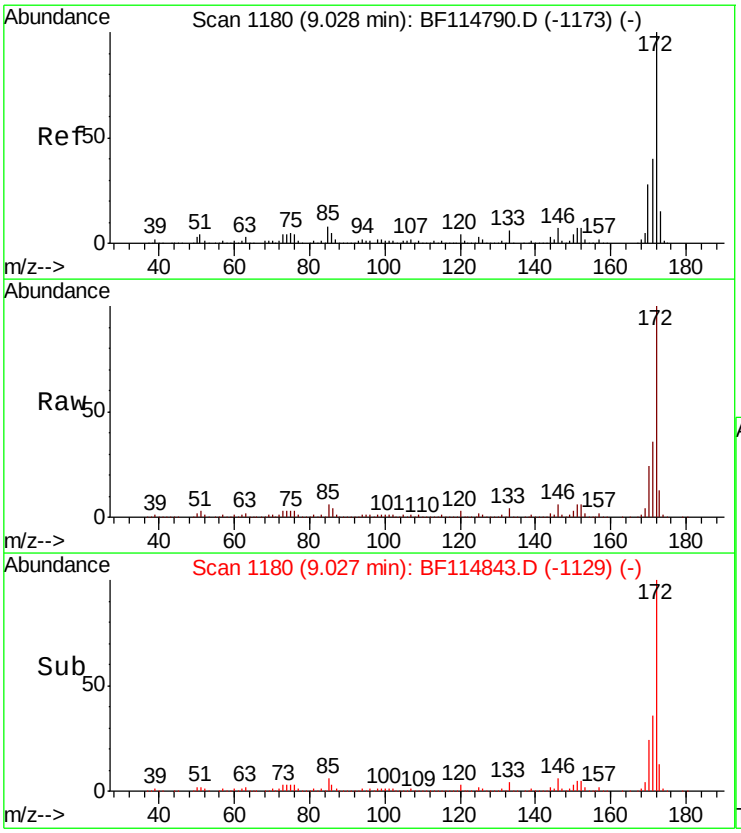
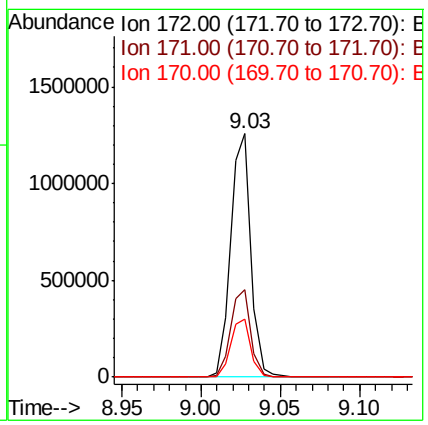


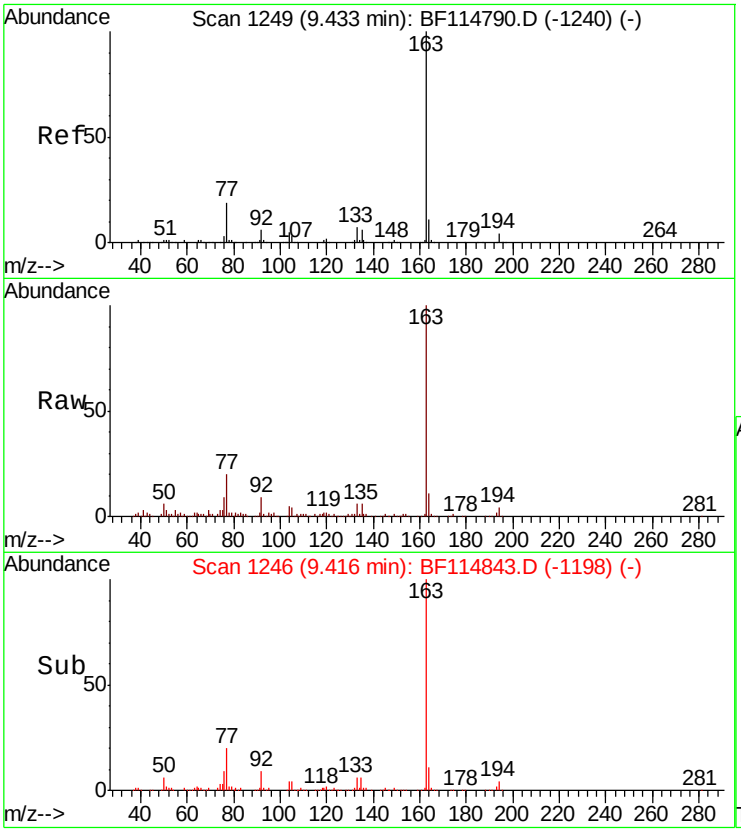


#45
2-Fluorobiphenyl
Concen: 32.077 ng
RT: 9.03 min Scan# 1180
Delta R.T. -0.00 min
Lab File: BF114843.D
Acq: 6 Jun 2019 2:36

Tgt Ion:172 Resp: 1111791

Ion	Ratio	Lower	Upper
172	100		
171	36.0	32.3	48.5
170	24.1	22.4	33.6

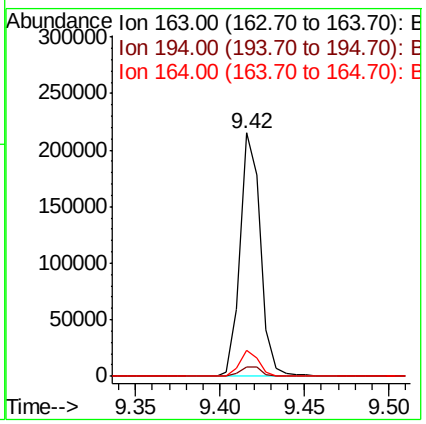




#50
Dimethylphthalate
Concen: 3.781 ng
RT: 9.42 min Scan# 1246
Delta R.T. -0.02 min
Lab File: BF114843.D
Acq: 6 Jun 2019 2:36

Tgt Ion:163 Resp: 179286

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.4	5.2
164	10.8	8.6	13.0



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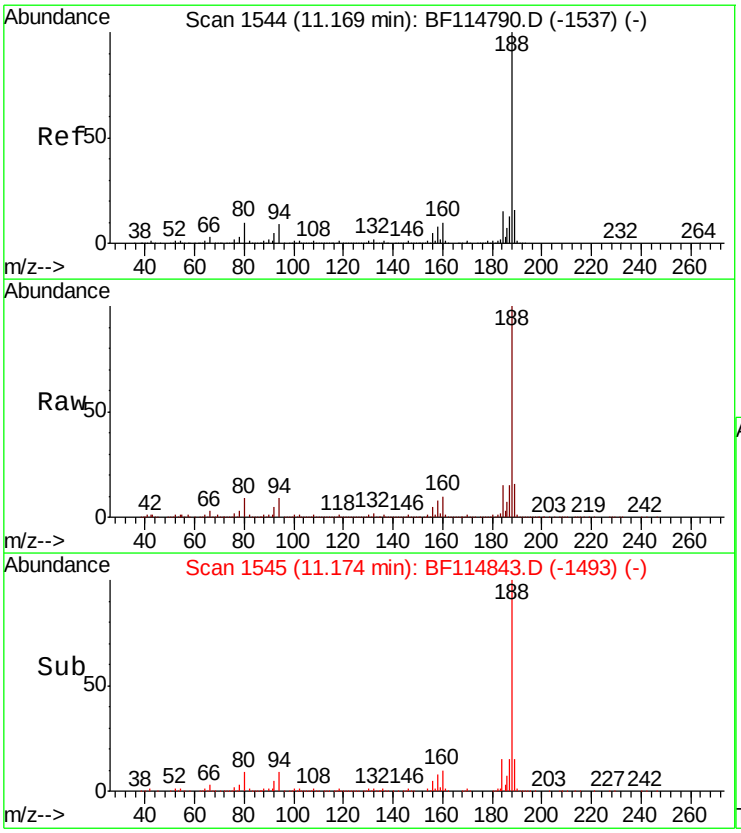
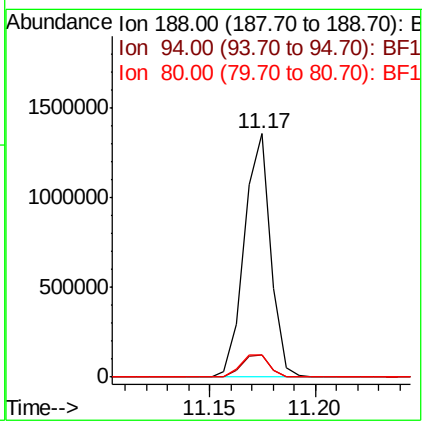
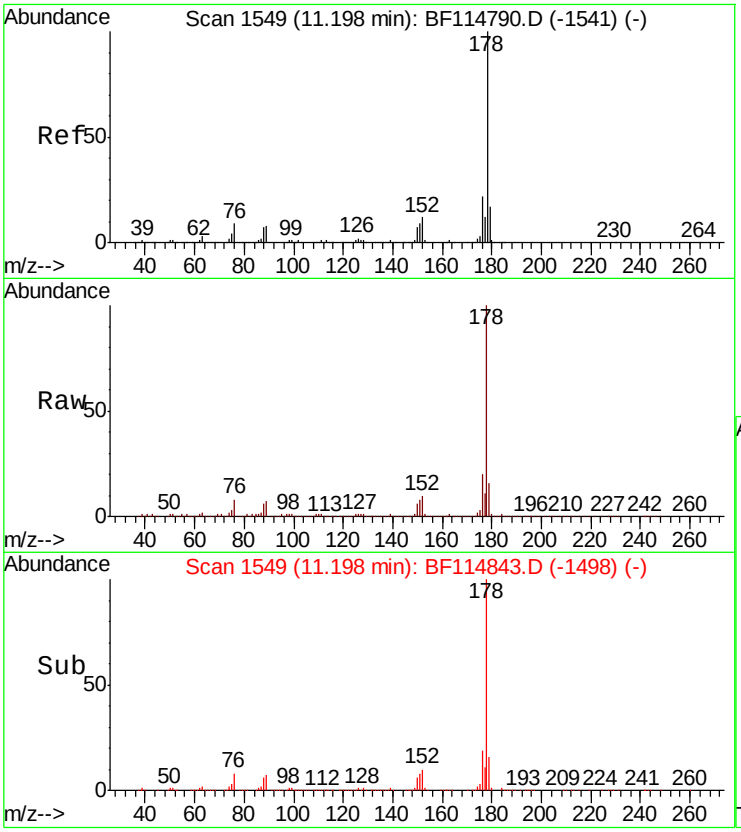


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.17 min Scan# 1545
Delta R.T. 0.01 min
Lab File: BF114843.D
Acq: 6 Jun 2019 2:36

Tgt Ion:188 Resp: 1168758

Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.6	11.4
80	9.3	8.3	12.5

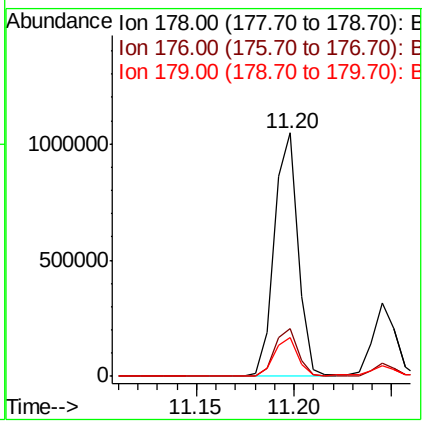




#71
Phenanthrene
Concen: 15.735 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.00 min
Lab File: BF114843.D
Acq: 6 Jun 2019 2:36

Tgt Ion:178 Resp: 877936

Ion	Ratio	Lower	Upper
178	100		
176	19.5	17.7	26.5
179	15.9	13.7	20.5



Instrument :
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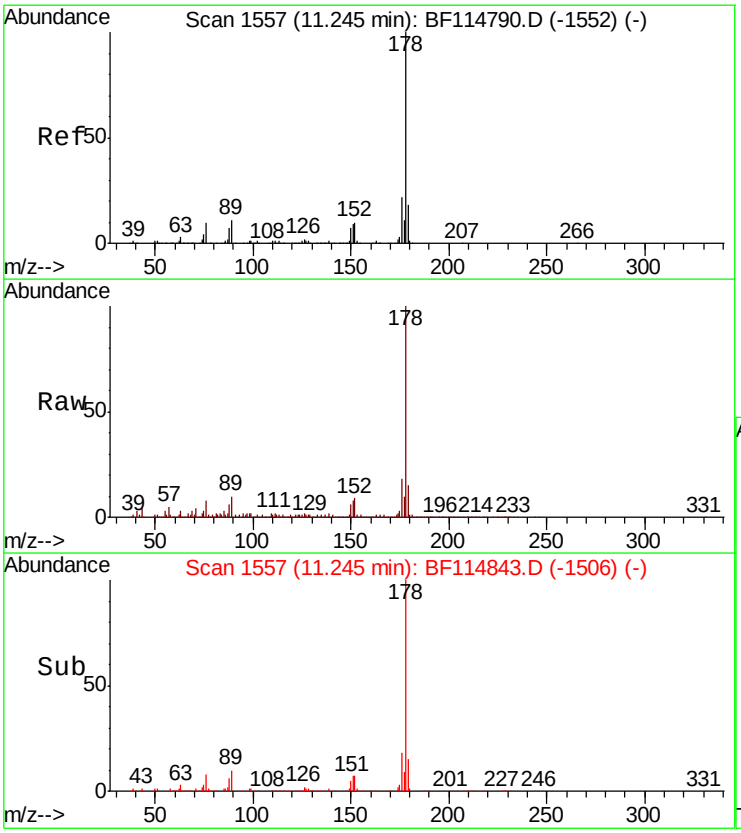
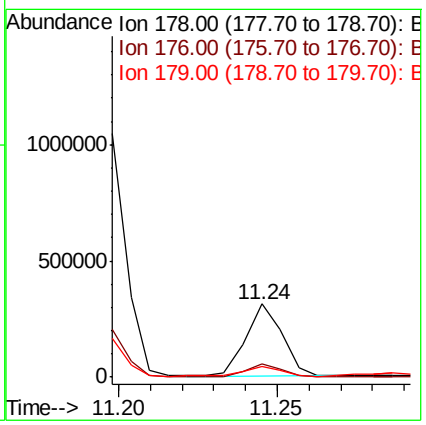
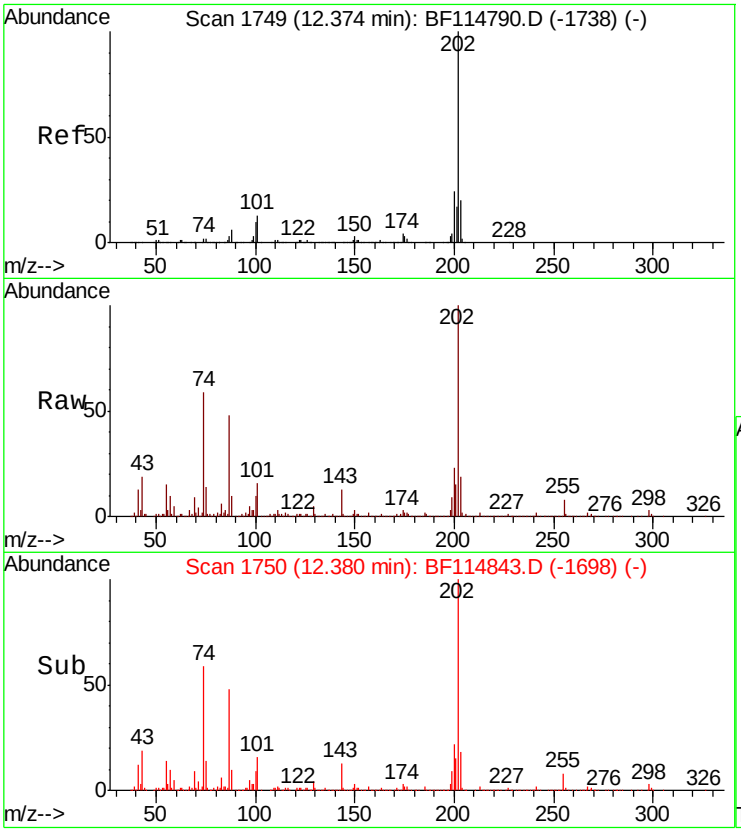


#72
Anthracene
Concen: 4.216 ng
RT: 11.24 min Scan# 1557
Delta R.T. -0.00 min
Lab File: BF114843.D
Acq: 6 Jun 2019 2:36

Tgt Ion:178 Resp: 247562

Ion	Ratio	Lower	Upper
178	100		
176	18.4	17.4	26.0
179	15.4	14.2	21.4

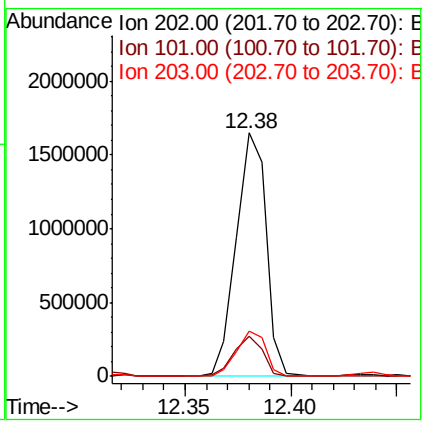




#75
Fluoranthene
Concen: 27.824 ng
RT: 12.38 min Scan# 1750
Delta R.T. 0.01 min
Lab File: BF114843.D
Acq: 6 Jun 2019 2:36

Tgt Ion:202 Resp: 1615792

Ion	Ratio	Lower	Upper
202	100		
101	16.3	0.0	32.8
203	18.5	0.2	40.2



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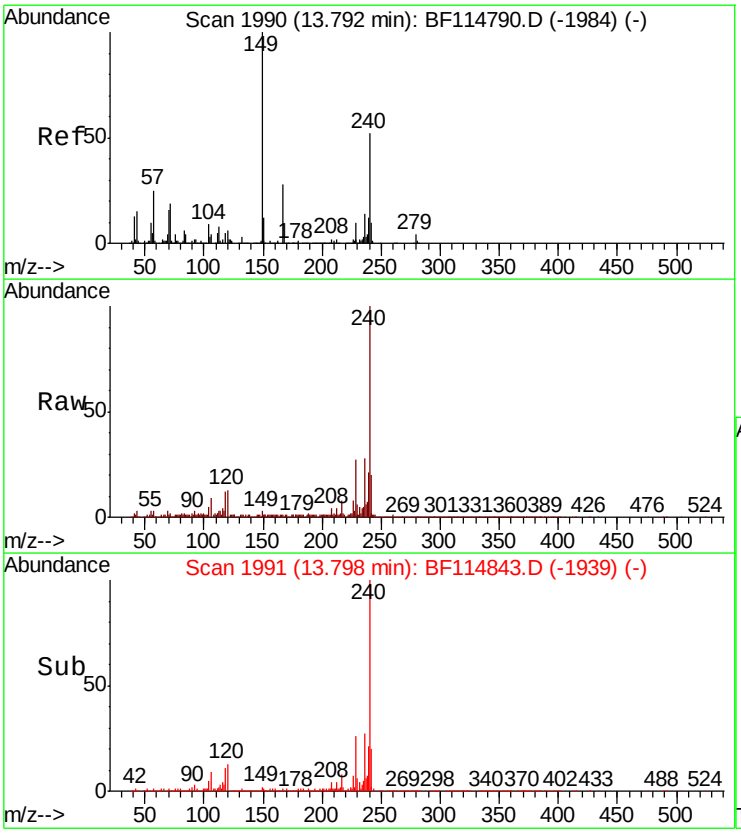
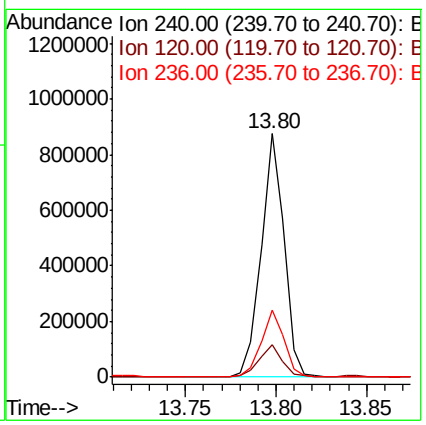
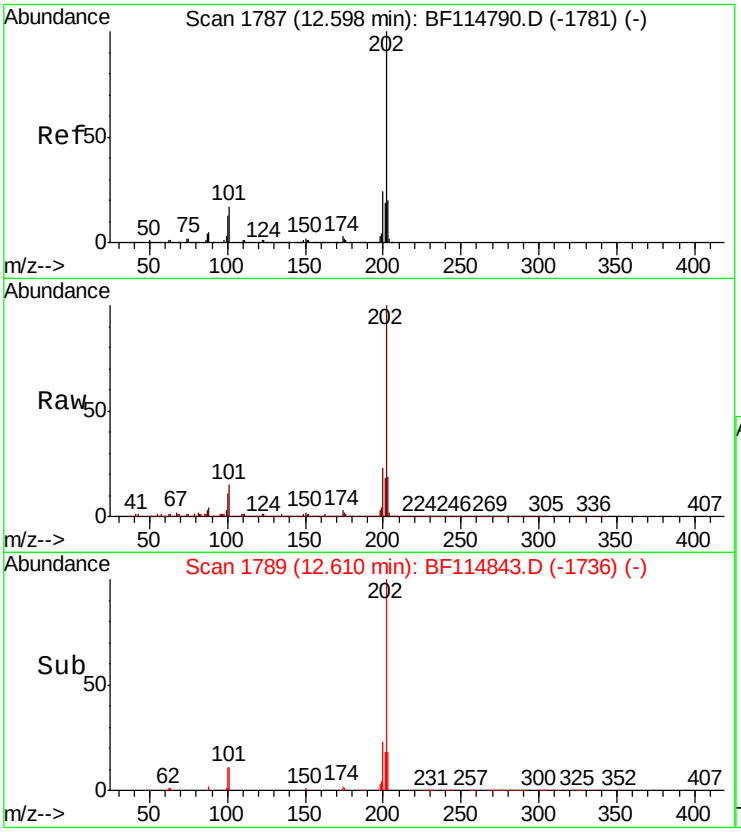


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.80 min Scan# 1991
Delta R.T. 0.01 min
Lab File: BF114843.D
Acq: 6 Jun 2019 2:36

Tgt Ion:240 Resp: 766179

Ion	Ratio	Lower	Upper
240	100		
120	13.4	9.0	13.4
236	27.6	21.4	32.0

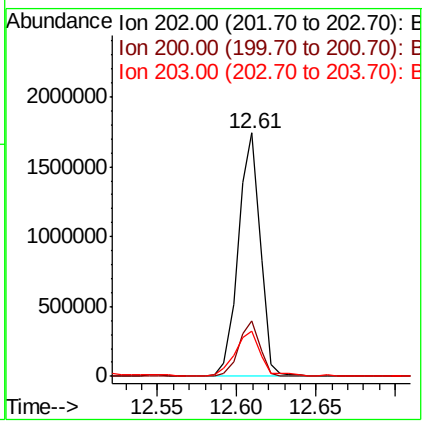




#78
Pyrene
Concen: 24.861 ng
RT: 12.61 min Scan# 1789
Delta R.T. 0.01 min
Lab File: BF114843.D
Acq: 6 Jun 2019 2:36

Tgt Ion:202 Resp: 1652441

Ion	Ratio	Lower	Upper
202	100		
200	22.8	19.2	28.8
203	18.7	15.9	23.9



Instrument :
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ClientSampleId :
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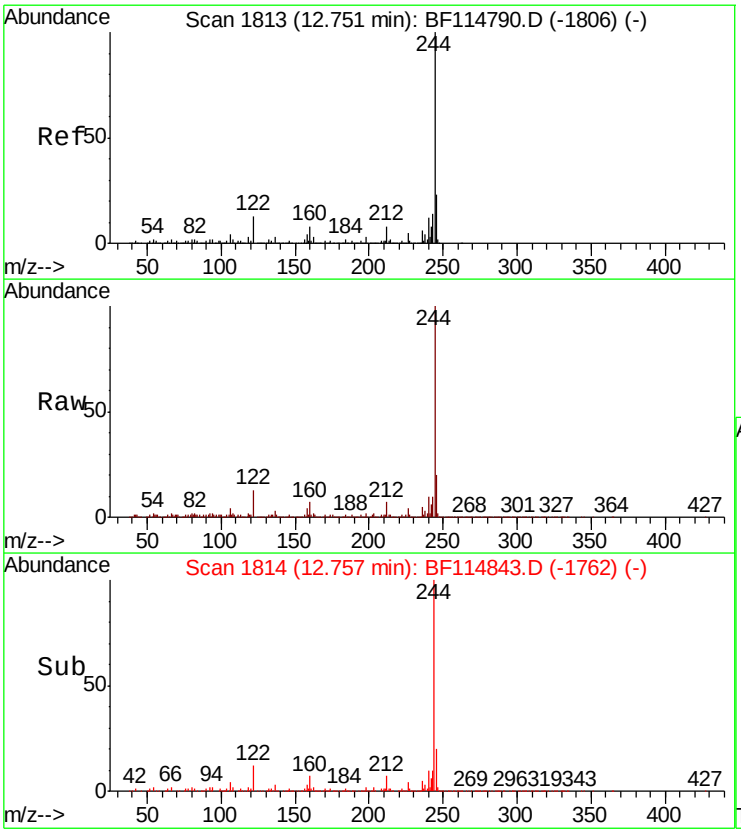
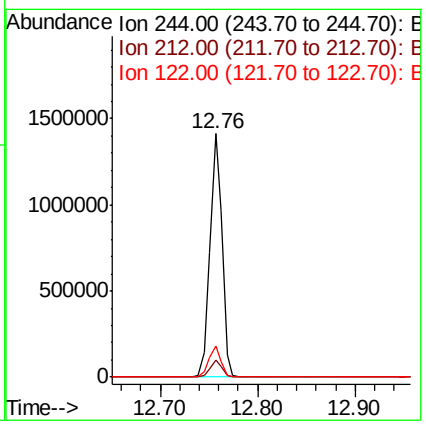
6/6/2019 4:50:48 PM

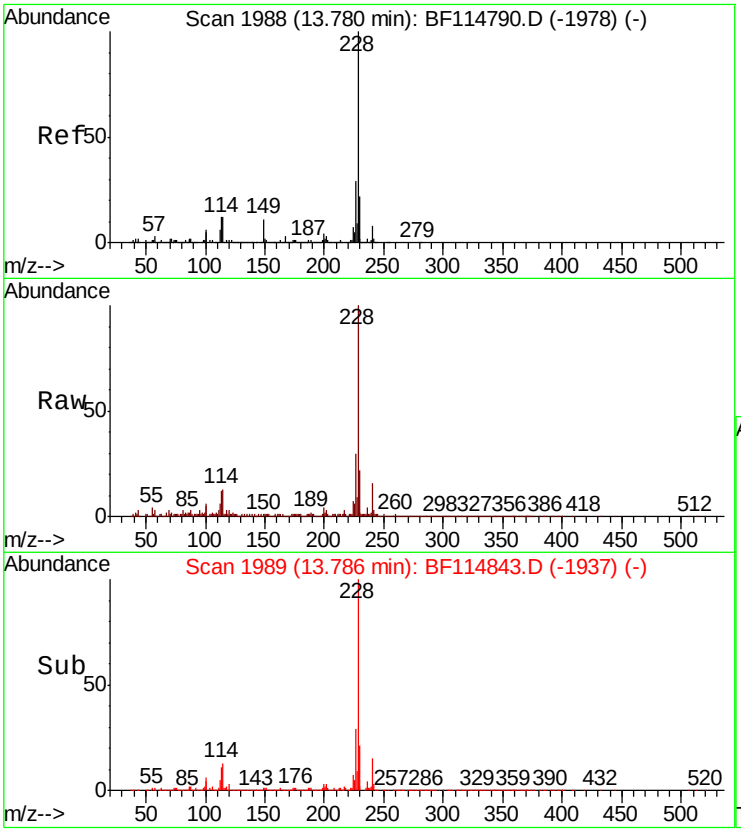


#79
Terphenyl-d14
Concen: 30.582 ng
RT: 12.76 min Scan# 1814
Delta R.T. 0.01 min
Lab File: BF114843.D
Acq: 6 Jun 2019 2:36

Tgt Ion:244 Resp: 1204851

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.5	9.7
122	12.5	10.5	15.7

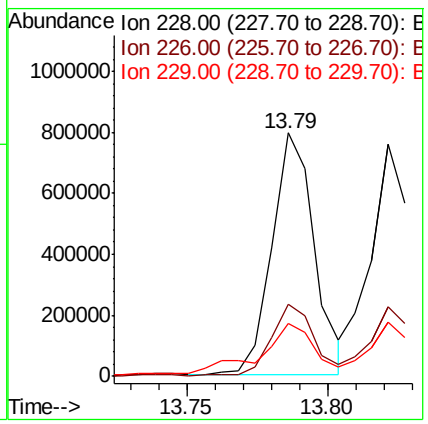




#81
Benzo(a)anthracene
Concen: 14.001 ng
RT: 13.79 min Scan# 1989
Delta R.T. 0.01 min
Lab File: BF114843.D
Acq: 6 Jun 2019 2:36

Tgt Ion:228 Resp: 826672

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.4	35.2
229	21.6	17.4	26.0



Instrument :
BNA_F
ClientSampleId :
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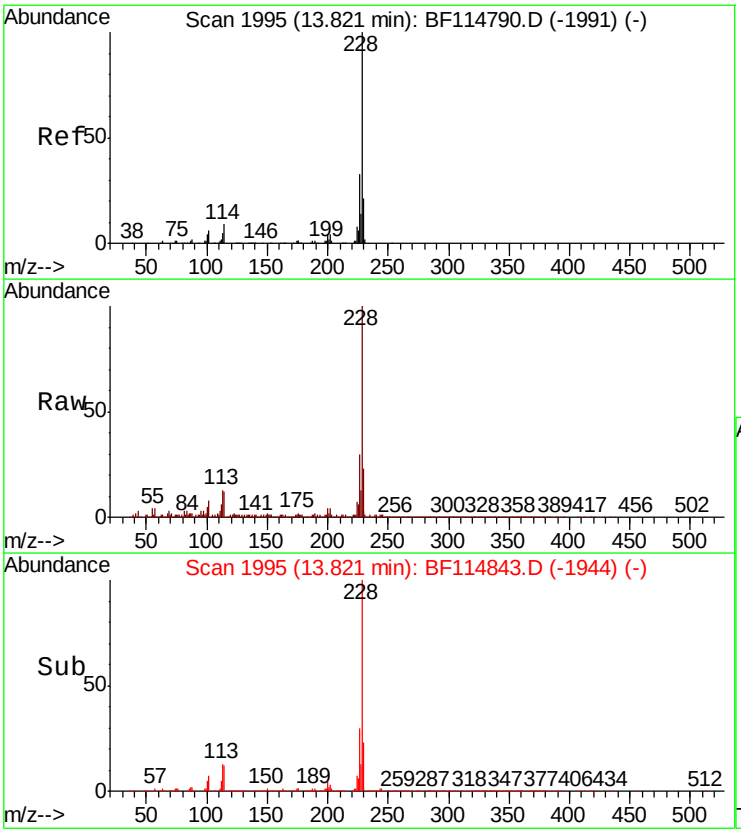
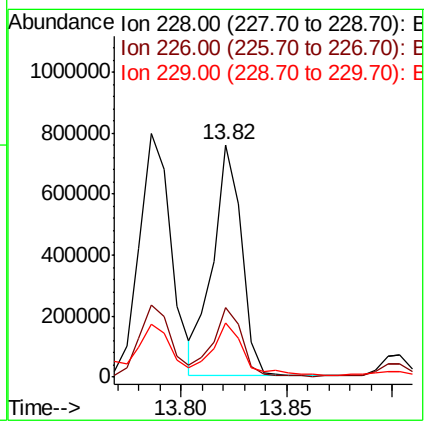
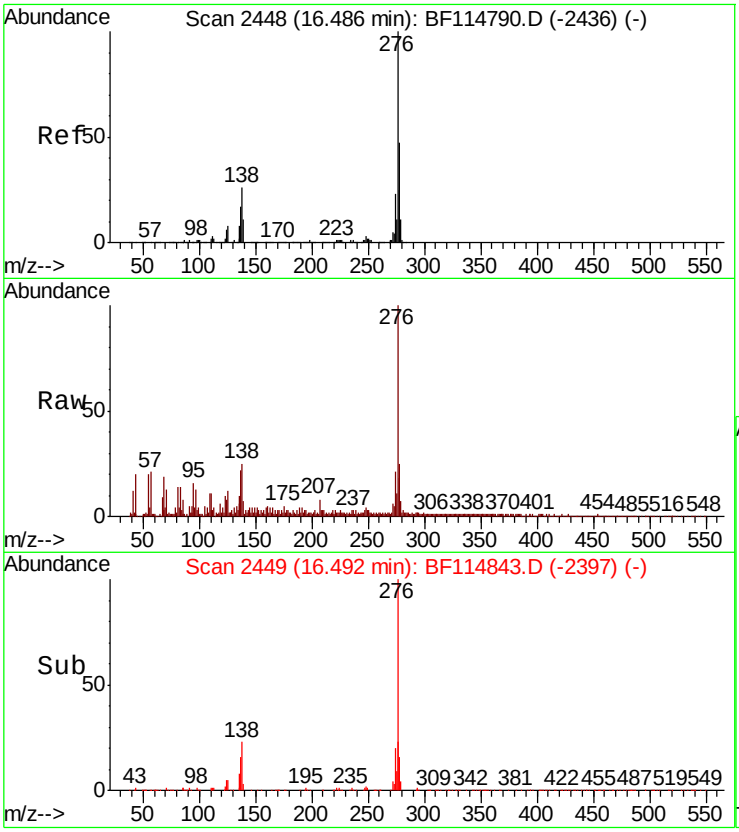


#83
Chrysene
Concen: 12.475 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.00 min
Lab File: BF114843.D
Acq: 6 Jun 2019 2:36

Tgt Ion:228 Resp: 716484

Ion	Ratio	Lower	Upper
228	100		
226	29.8	26.0	39.0
229	23.0	17.1	25.7

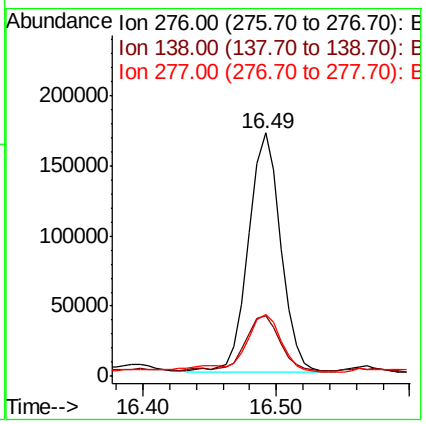




#86
Indeno(1,2,3-cd)pyrene
Concen: 4.380 ng
RT: 16.49 min Scan# 2449
Delta R.T. 0.01 min
Lab File: BF114843.D
Acq: 6 Jun 2019 2:36

Tgt Ion:276 Resp: 287014

Ion	Ratio	Lower	Upper
276	100		
138	24.6	22.2	33.4
277	27.0	20.6	30.8



Instrument :
BNA_F
ClientSampleId :
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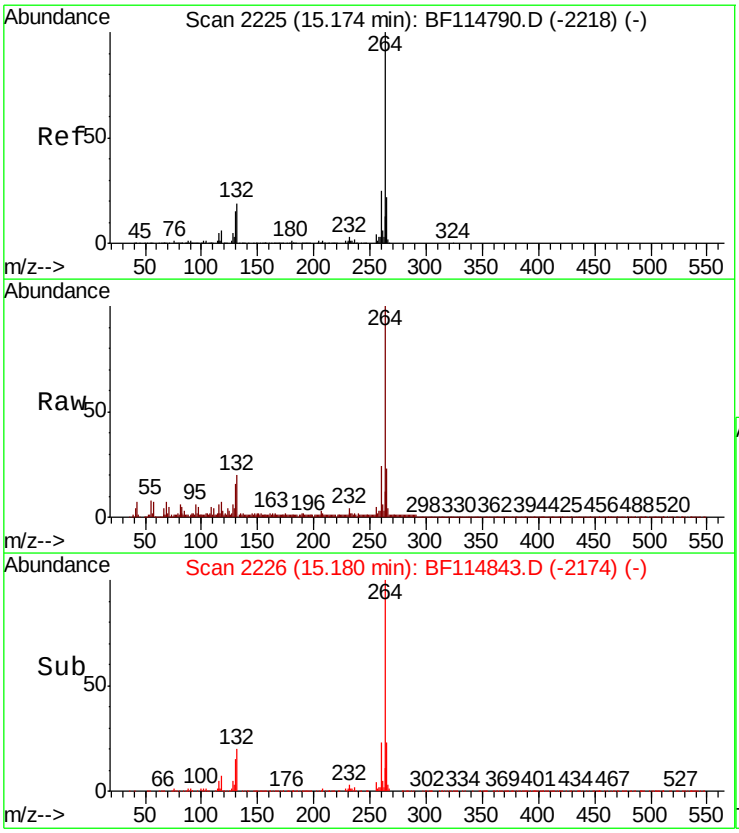
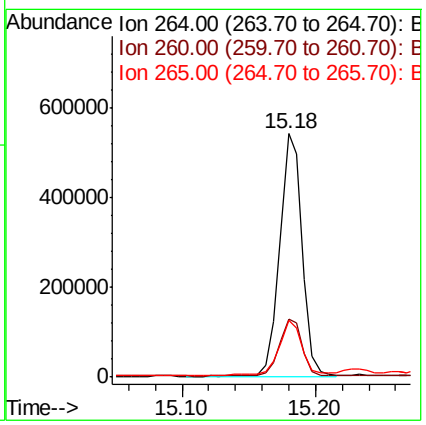
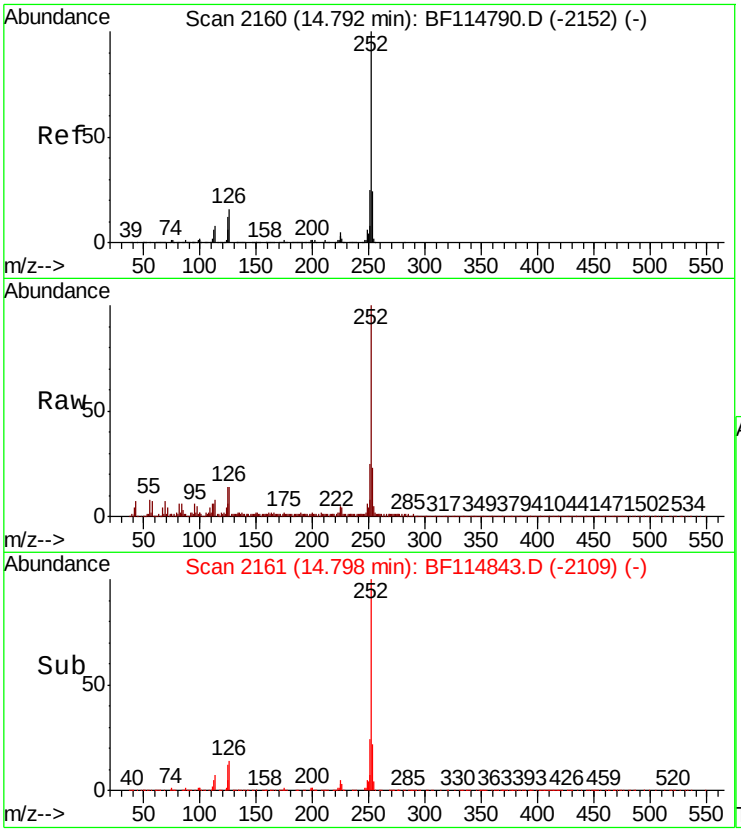


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.18 min Scan# 2226
Delta R.T. 0.01 min
Lab File: BF114843.D
Acq: 6 Jun 2019 2:36

Tgt Ion:264 Resp: 633310

Ion	Ratio	Lower	Upper
264	100		
260	24.0	20.1	30.1
265	23.4	17.7	26.5

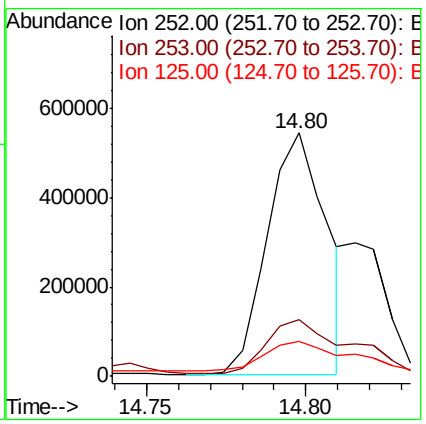




#88
Benzo(b)fluoranthene
Concen: 17.361 ng m
RT: 14.80 min Scan# 2161
Delta R.T. 0.01 min
Lab File: BF114843.D
Acq: 6 Jun 2019 2:36

Tgt Ion:252 Resp: 699969

Ion	Ratio	Lower	Upper
252	100		
253	23.2	19.0	28.6
125	14.2	9.4	14.0#



Instrument :
BNA_F
ClientSampleId :
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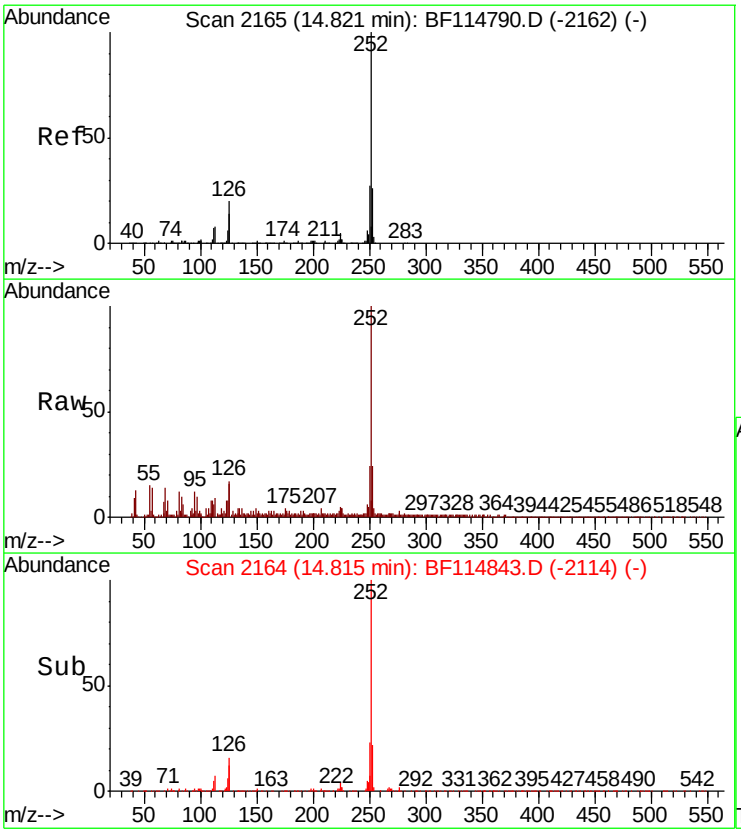
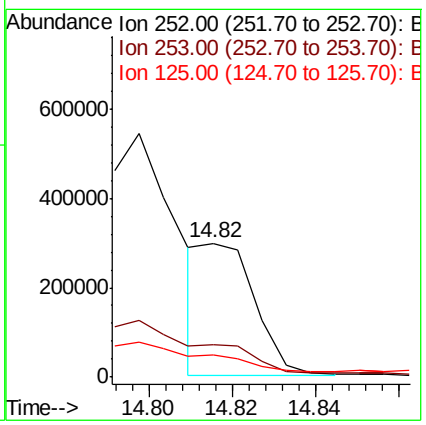
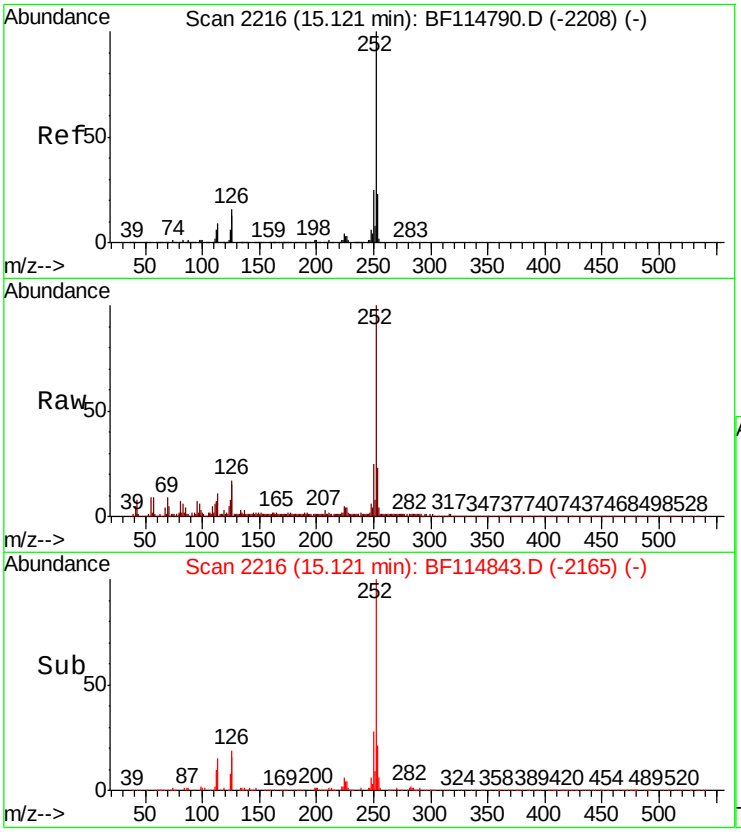


#89
Benzo(k)fluoranthene
Concen: 7.502 ng m
RT: 14.82 min Scan# 2164
Delta R.T. -0.01 min
Lab File: BF114843.D
Acq: 6 Jun 2019 2:36

Tgt Ion:252 Resp: 256872

Ion	Ratio	Lower	Upper
252	100		
253	24.2	19.3	28.9
125	16.2	10.1	15.1#

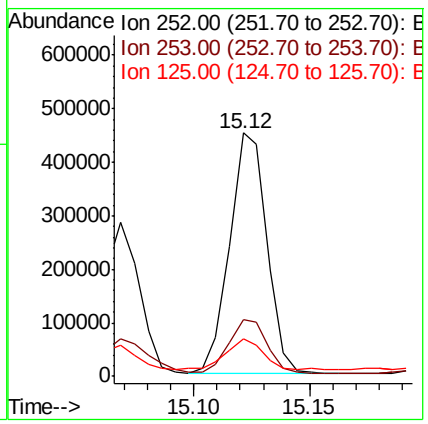




#90
Benzo(a)pyrene
Concen: 14.542 ng
RT: 15.12 min Scan# 2216
Delta R.T. -0.00 min
Lab File: BF114843.D
Acq: 6 Jun 2019 2:36

Tgt Ion:252 Resp: 507449

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.5	27.7
125	15.3	10.1	15.1#



Instrument :
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ClientSampleId :
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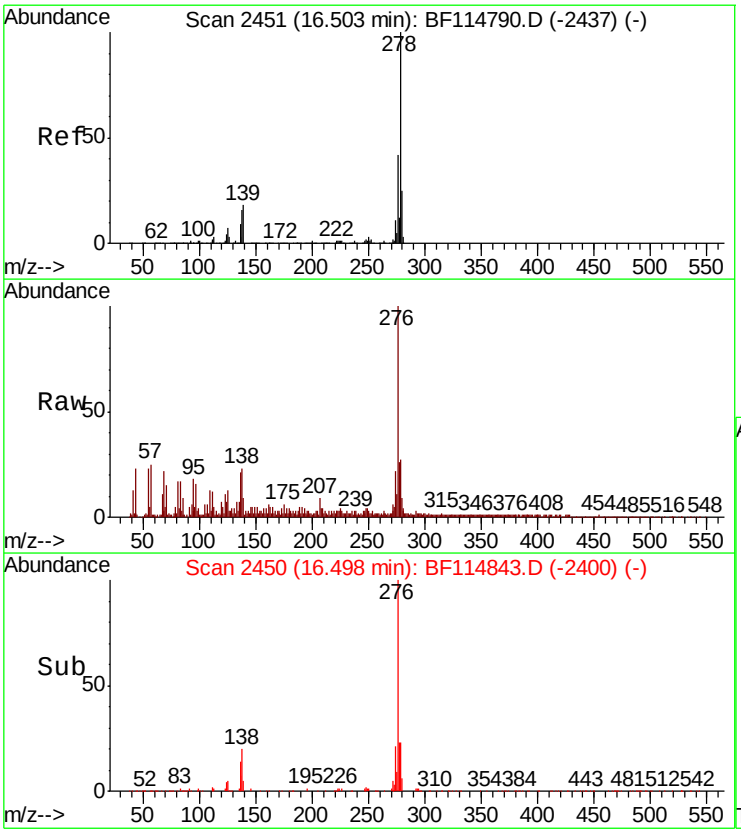
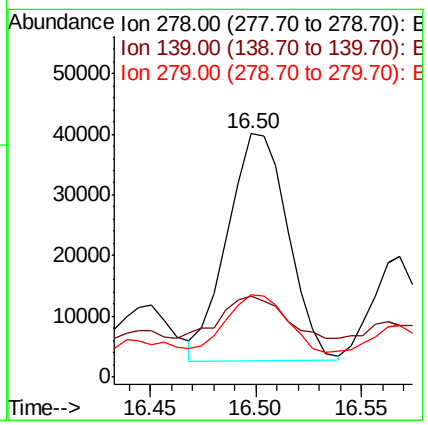
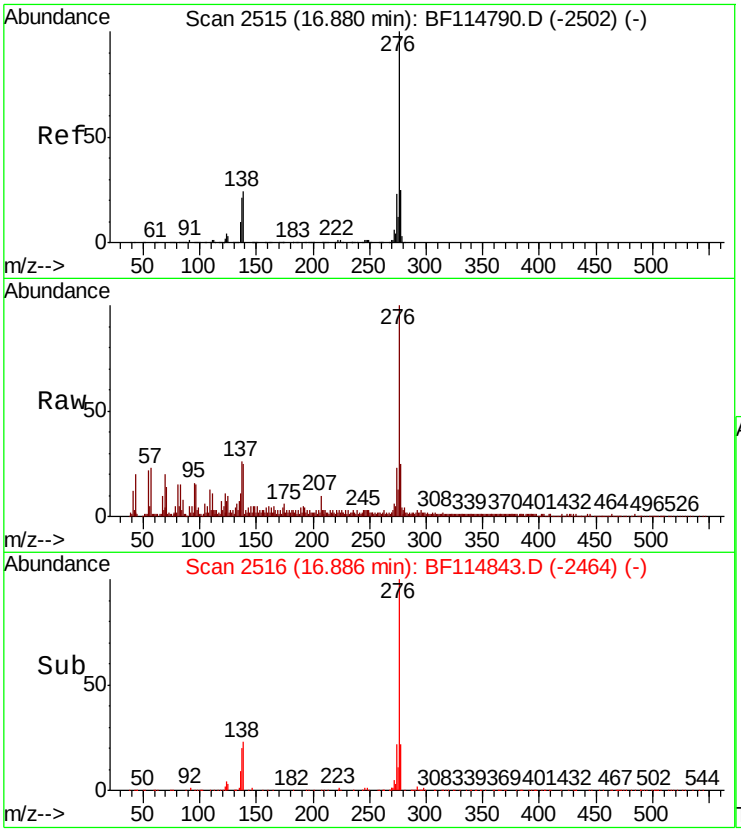


#91
Dibenzo(a,h)anthracene
Concen: 2.261 ng
RT: 16.50 min Scan# 2450
Delta R.T. -0.01 min
Lab File: BF114843.D
Acq: 6 Jun 2019 2:36

Tgt Ion:278 Resp: 74706

Ion	Ratio	Lower	Upper
278	100		
139	33.5	14.6	22.0#
279	33.7	20.1	30.1#

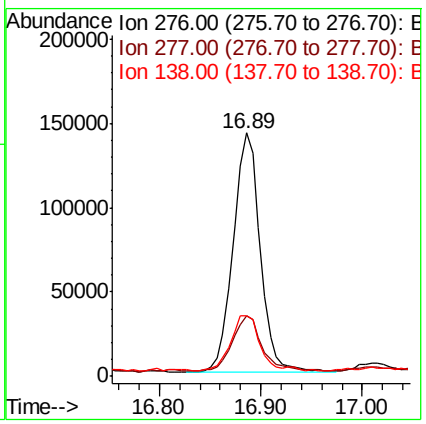




#92
Benzo(g,h,i)perylene
Concen: 7.916 ng
RT: 16.89 min Scan# 2516
Delta R.T. 0.01 min
Lab File: BF114843.D
Acq: 6 Jun 2019 2:36

Tgt Ion:276 Resp: 263073

Ion	Ratio	Lower	Upper
276	100		
277	25.0	19.8	29.6
138	25.1	19.4	29.2



Instrument :
BNA_F
ClientSampleId :
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