Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060519\
Data File : BF114845.D
Acq On : 6 Jun 2019 3:30
Operator : HP/JU
Sample : K3163-03 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-02-060419-B

Manual Integrations APPROVED
mohammad
6/6/2019 4:50:54 PM

Quant Time: Jun 06 08:06:48 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	364193	20.00	ng		0.00
21) Naphthalene-d8	7.95	136	1369007	20.00	ng		0.00
39) Acenaphthene-d10	9.70	164	664154	20.00	ng		0.00
64) Phenanthrene-d10	11.17	188	1160147	20.00	ng		0.00
76) Chrysene-d12	13.80	240	819591	20.00	ng		0.00
87) Perylene-d12	15.19	264	634867	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	1076449	51.65	ng		0.00
7) Phenol-d6	6.30	99	1312317	51.74	ng		0.00
23) Nitrobenzene-d5	7.23	82	764366	34.37	ng		0.00
42) 2,4,6-Tribromophenol	10.48	330	324853	45.39	ng		0.00
45) 2-Fluorobiphenyl	9.03	172	1514916	42.73	ng		0.00
79) Terphenyl-d14	12.76	244	1469034	34.86	ng		0.00
Target Compounds							Qvalue
50) Dimethylphthalate	9.42	163	296626	6.115	ng		99
71) Phenanthrene	11.20	178	497306	8.979	ng		96
72) Anthracene	11.25	178	133994	2.299	ng		95
75) Fluoranthene	12.38	202	905691	15.712	ng		95
78) Pyrene	12.60	202	938807	13.204	ng		95
81) Benzo(a)anthracene	13.79	228	449975m	7.125	ng		
83) Chrysene	13.82	228	450716m	7.336	ng		
86) Indeno(1,2,3-cd)pyrene	16.49	276	174452	2.489	ng		97
88) Benzo(b)fluoranthene	14.80	252	406154m	10.049	ng		
89) Benzo(k)fluoranthene	14.82	252	156334m	4.555	ng		
90) Benzo(a)pyrene	15.12	252	294270	8.412	ng	#	95
92) Benzo(g,h,i)perylene	16.89	276	160870	4.829	ng		98

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

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BNA_F
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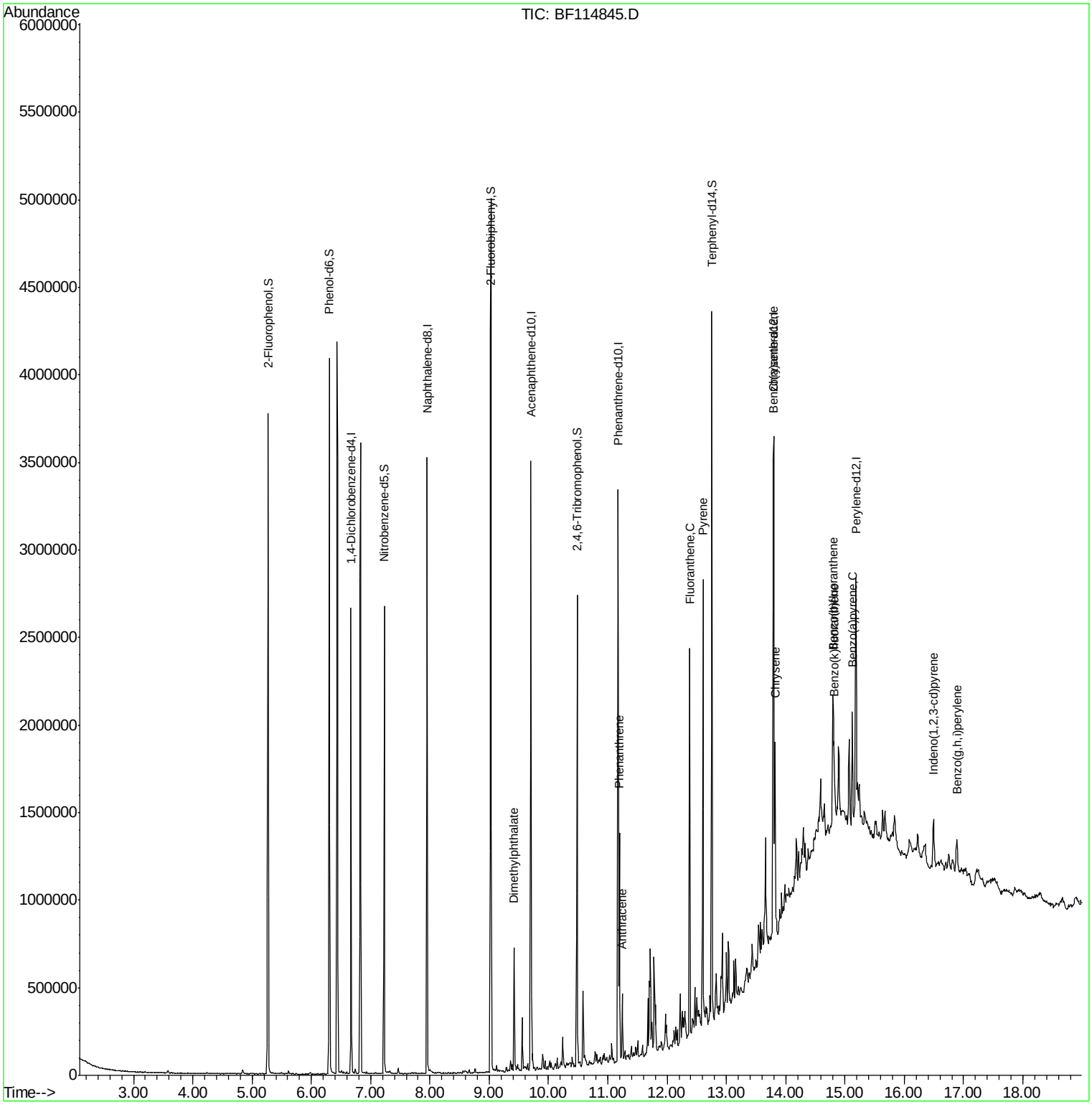
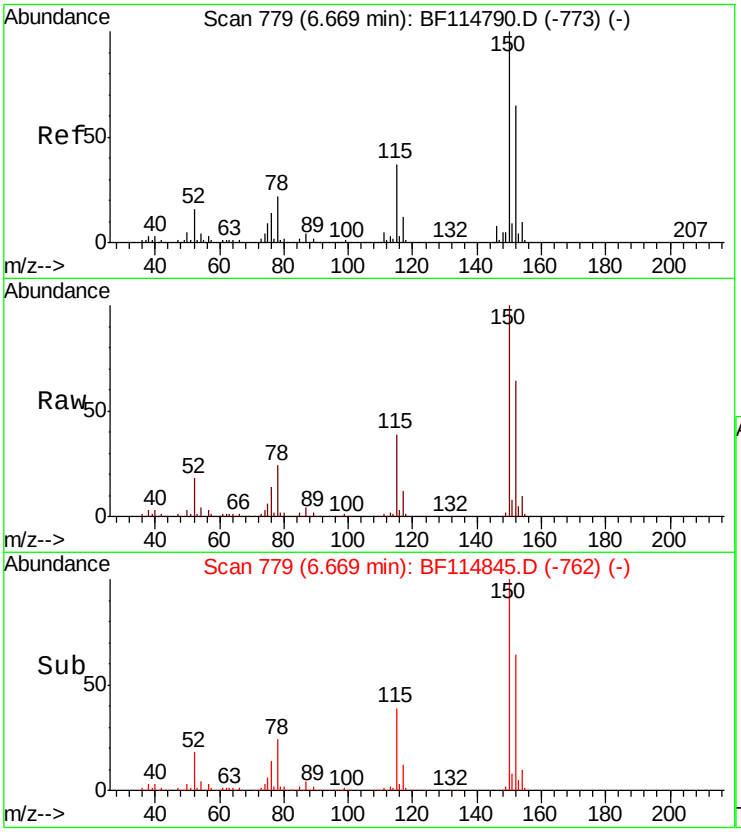
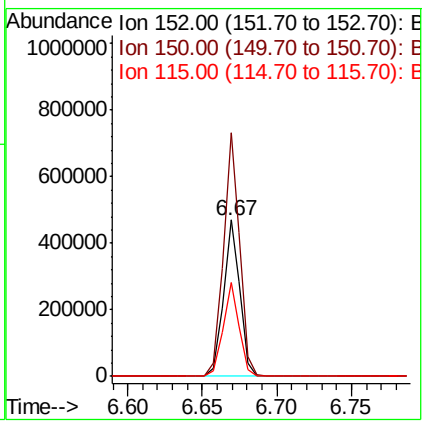




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 779
Delta R.T. 0.00 min
Lab File: BF114845.D
Acq: 6 Jun 2019 3:30

Tgt Ion:152 Resp: 364193

Ion	Ratio	Lower	Upper
152	100		
150	155.6	124.0	186.0
115	60.0	46.3	69.5



Instrument :
BNA_F
ClientSampleId :
SU-02-060419-B

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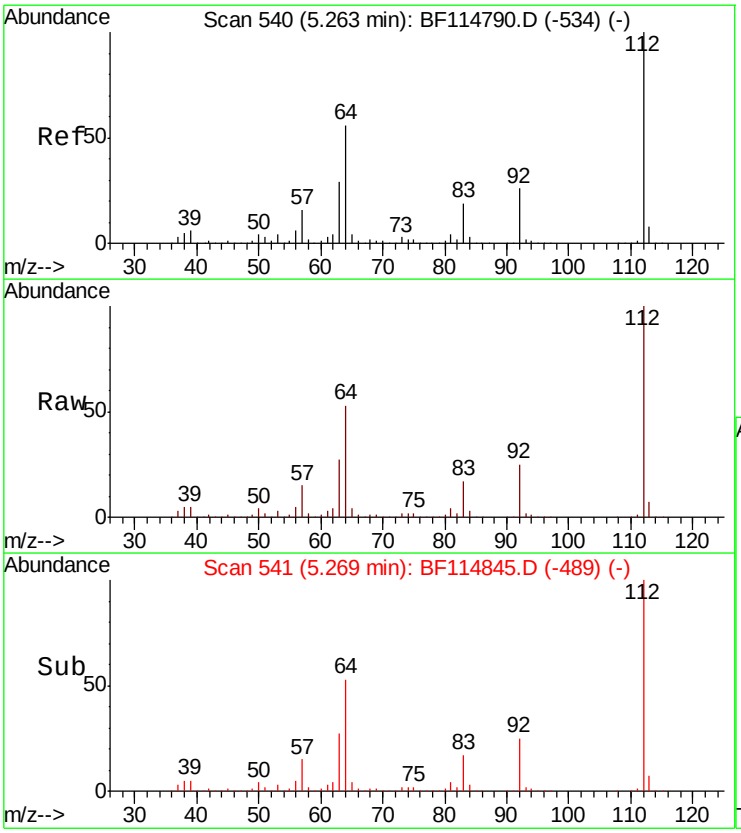
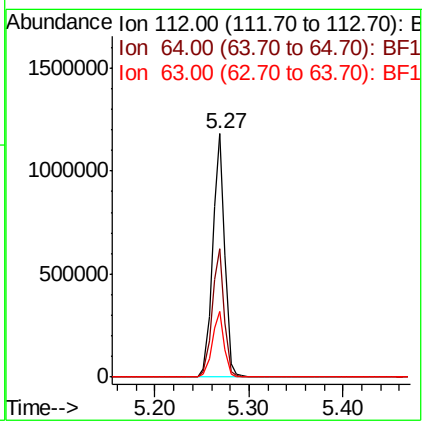
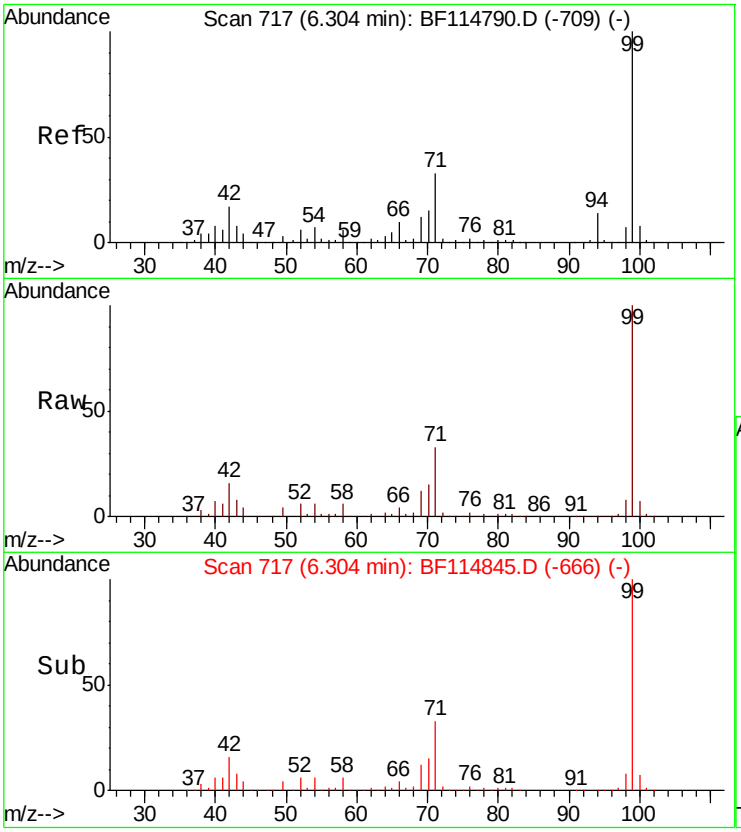


#5
2-Fluorophenol
Concen: 51.647 ng
RT: 5.27 min Scan# 541
Delta R.T. 0.01 min
Lab File: BF114845.D
Acq: 6 Jun 2019 3:30

Tgt Ion:112 Resp: 1076449

Ion	Ratio	Lower	Upper
112	100		
64	52.5	44.6	66.8
63	26.9	23.0	34.4

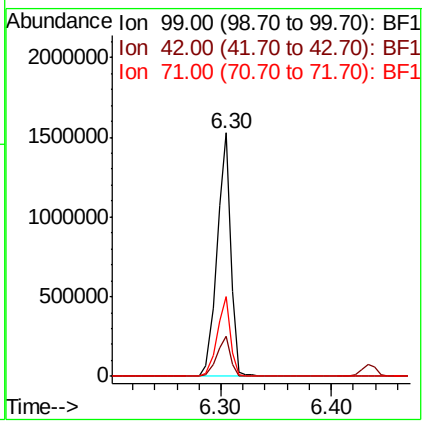




#7
Phenol-d6
Concen: 51.745 ng
RT: 6.30 min Scan# 717
Delta R.T. 0.00 min
Lab File: BF114845.D
Acq: 6 Jun 2019 3:30

Tgt Ion: 99 Resp: 1312317

Ion	Ratio	Lower	Upper
99	100		
42	16.4	13.3	19.9
71	32.6	26.3	39.5



Instrument :
BNA_F
ClientSampleId :
SU-02-060419-B

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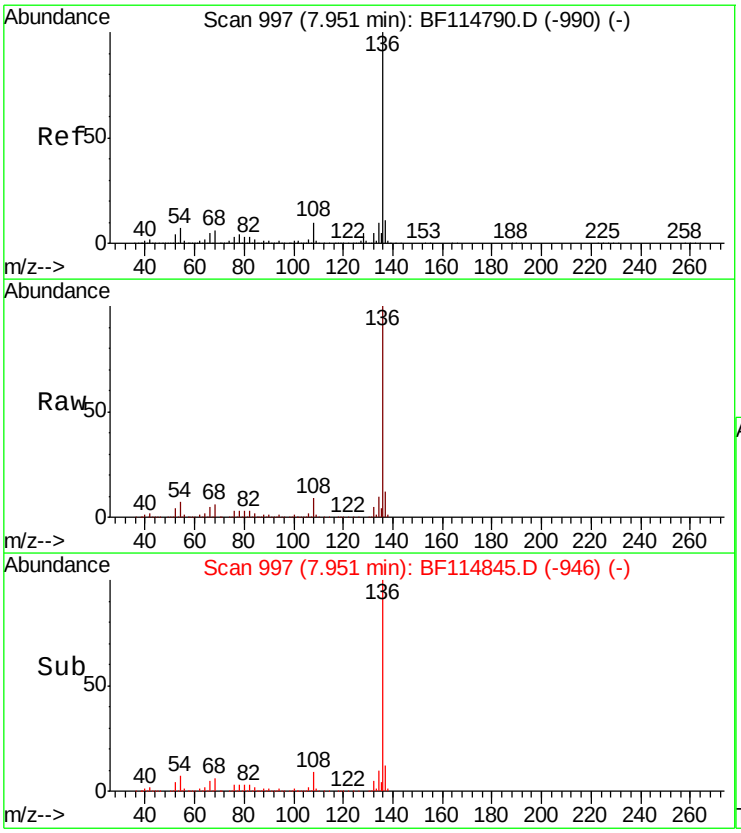
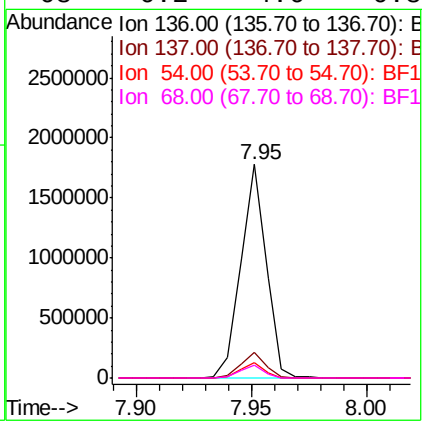
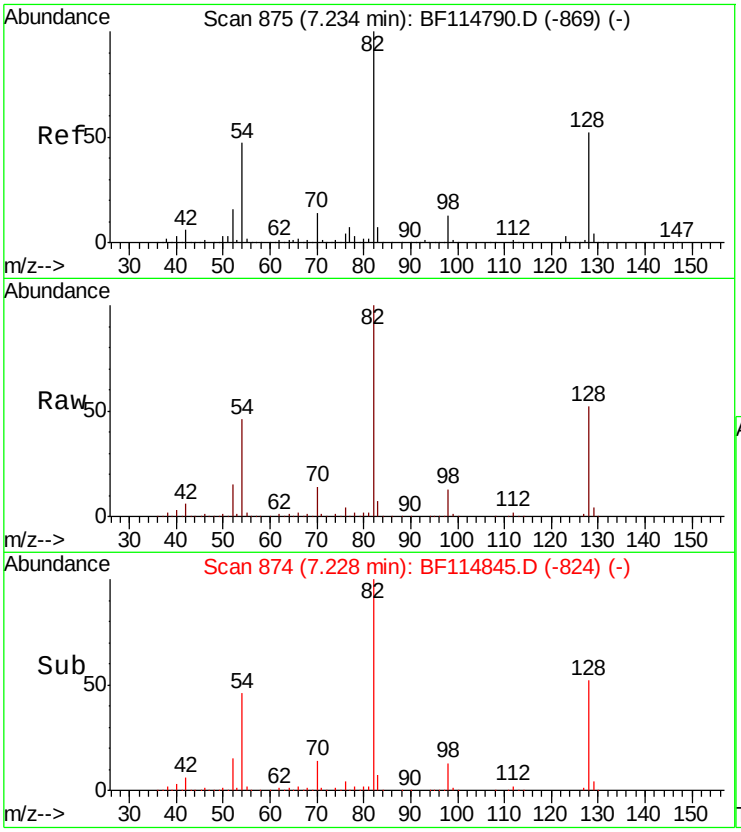


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.00 min
Lab File: BF114845.D
Acq: 6 Jun 2019 3:30

Tgt Ion:136 Resp: 1369007

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.1	13.7
54	6.9	5.4	8.0
68	6.2	4.6	6.8

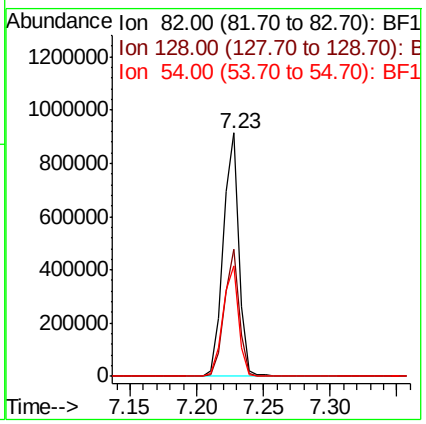




#23
Nitrobenzene-d5
Concen: 34.370 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF114845.D
Acq: 6 Jun 2019 3:30

Tgt Ion: 82 Resp: 764366

Ion	Ratio	Lower	Upper
82	100		
128	52.2	41.8	62.6
54	45.5	37.9	56.9



Instrument :
BNA_F
ClientSampleId :
SU-02-060419-B

Manual Integrations APPROVED
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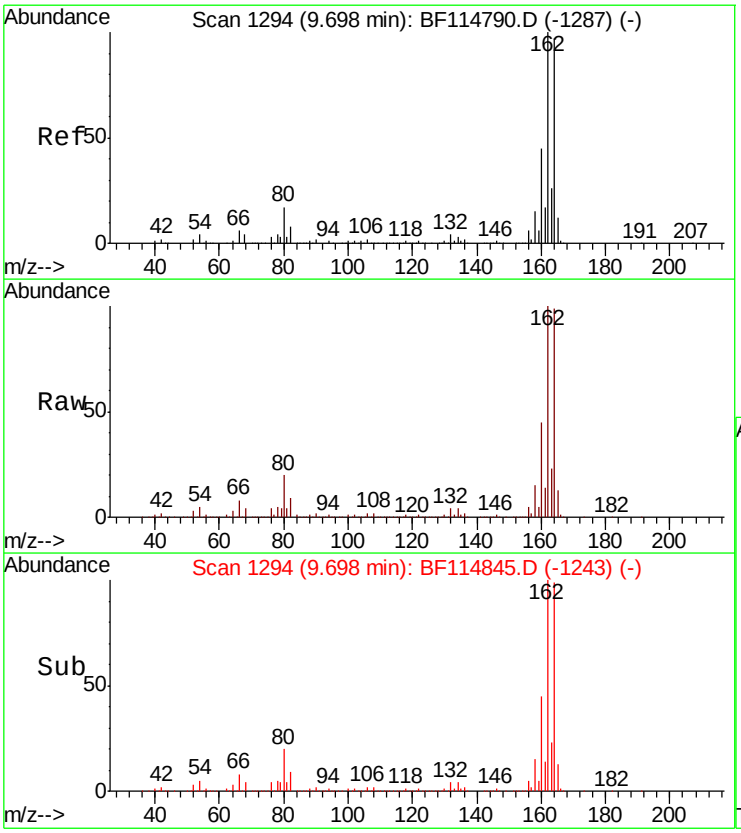
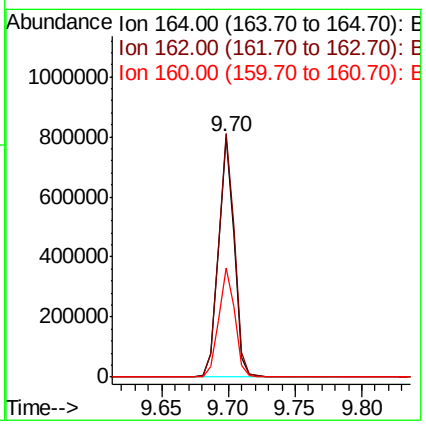
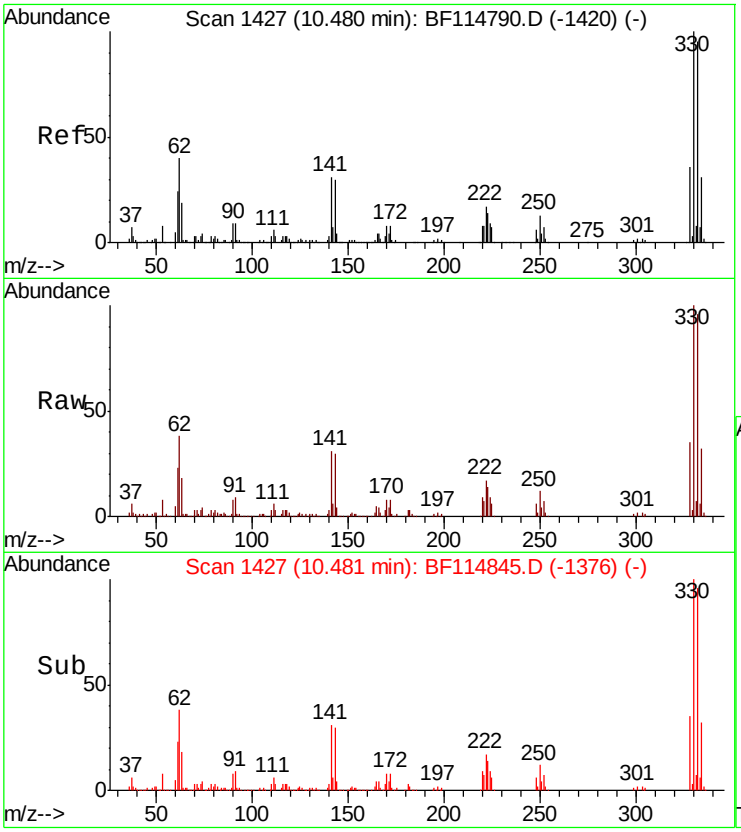


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.70 min Scan# 1294
Delta R.T. 0.00 min
Lab File: BF114845.D
Acq: 6 Jun 2019 3:30

Tgt Ion:164 Resp: 664154

Ion	Ratio	Lower	Upper
164	100		
162	101.4	82.3	123.5
160	45.3	36.7	55.1





#42
2,4,6-Tribromophenol
Concen: 45.388 ng
RT: 10.48 min Scan# 1427
Delta R.T. 0.00 min
Lab File: BF114845.D
Acq: 6 Jun 2019 3:30

Tgt Ion:330 Resp: 324853

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.3	115.9
141	33.4	26.2	39.4

Instrument :
BNA_F
ClientSampleId :
SU-02-060419-B

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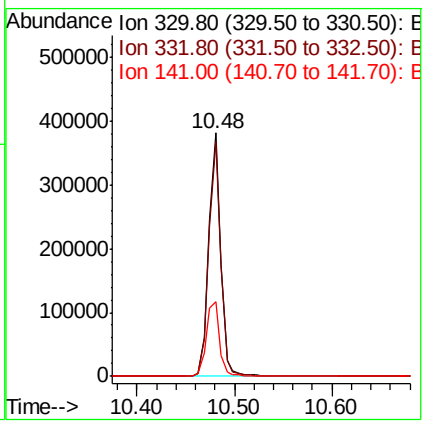
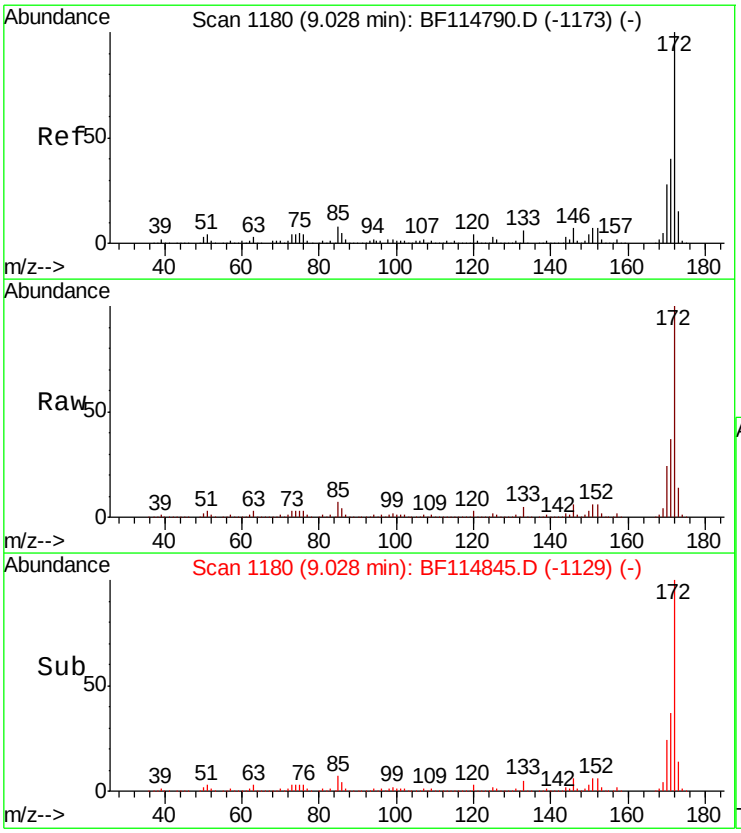
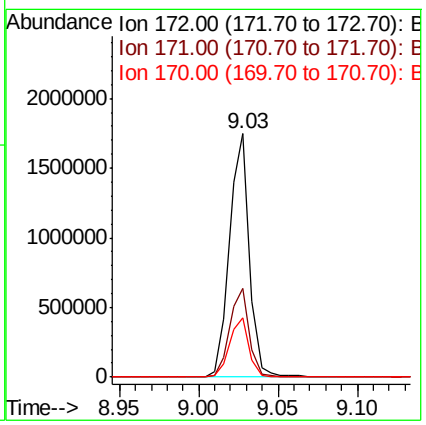


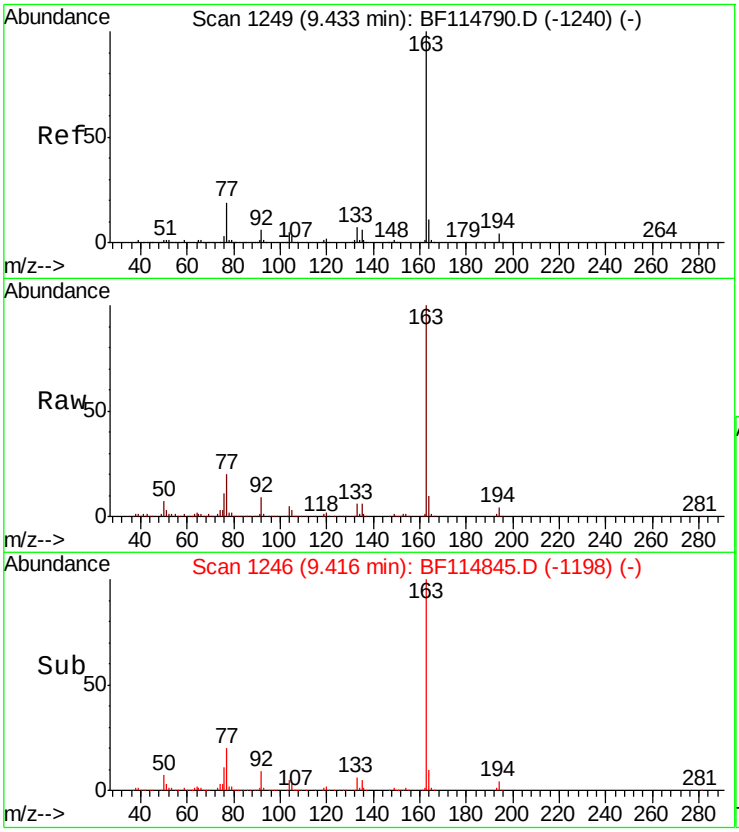


#45
2-Fluorobiphenyl
Concen: 42.729 ng
RT: 9.03 min Scan# 1180
Delta R.T. 0.00 min
Lab File: BF114845.D
Acq: 6 Jun 2019 3:30

Tgt Ion:172 Resp: 1514916

Ion	Ratio	Lower	Upper
172	100		
171	36.6	32.3	48.5
170	24.2	22.4	33.6

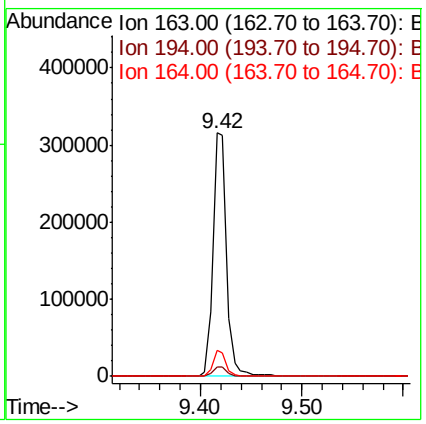




#50
Dimethylphthalate
Concen: 6.115 ng
RT: 9.42 min Scan# 1246
Delta R.T. -0.02 min
Lab File: BF114845.D
Acq: 6 Jun 2019 3:30

Tgt Ion:163 Resp: 296626

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.4	5.2
164	10.4	8.6	13.0



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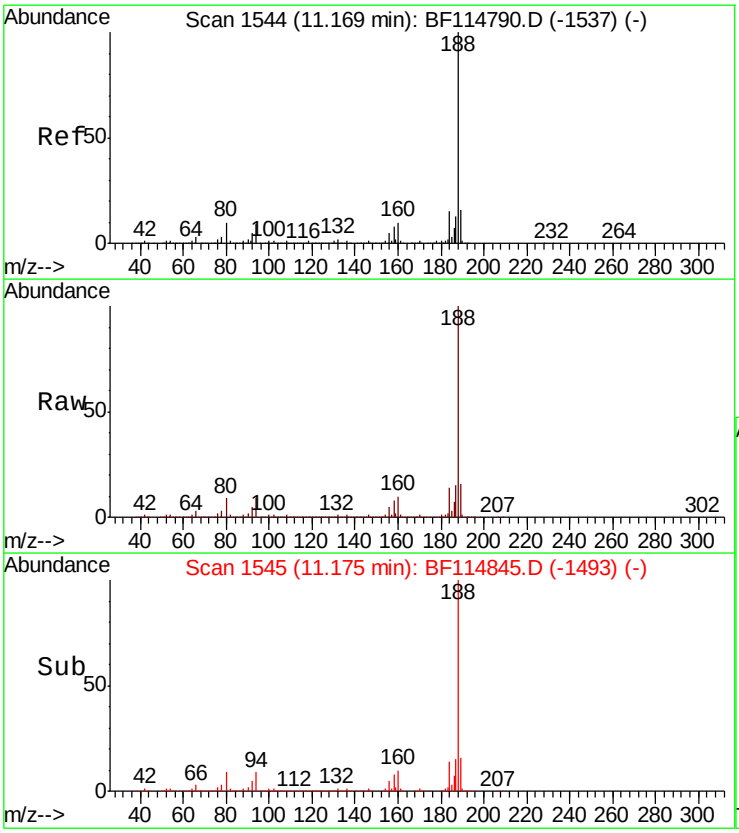
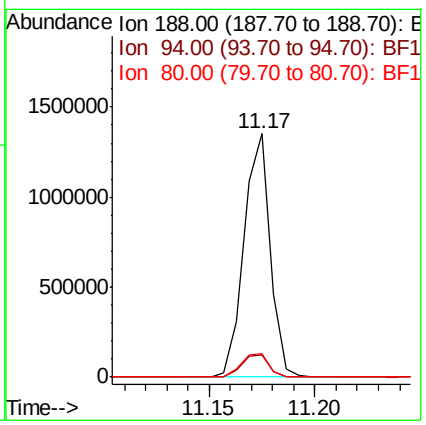
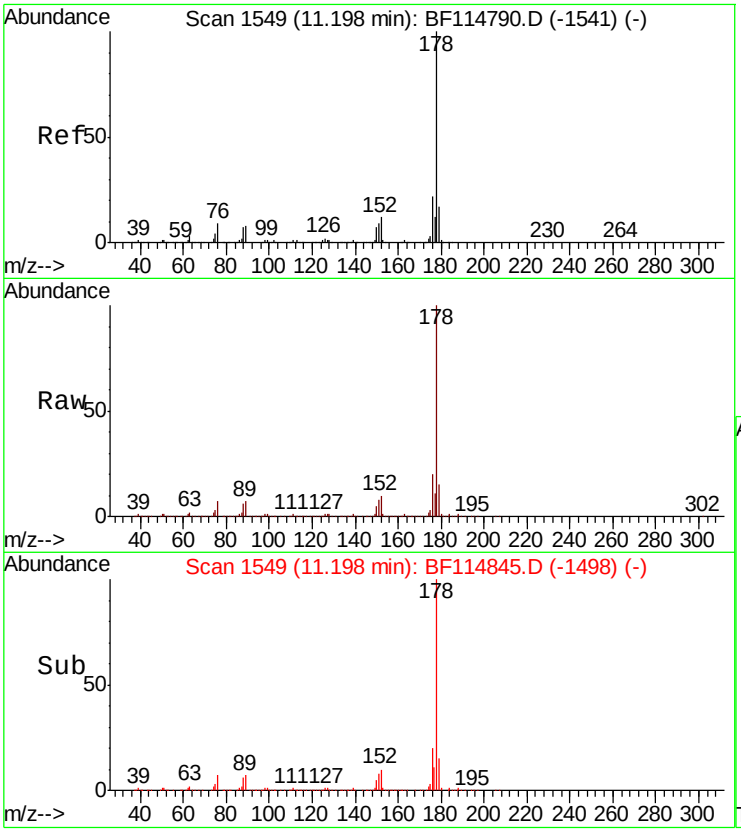


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.17 min Scan# 1545
Delta R.T. 0.01 min
Lab File: BF114845.D
Acq: 6 Jun 2019 3:30

Tgt Ion:188 Resp: 1160147

Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.6	11.4
80	9.4	8.3	12.5

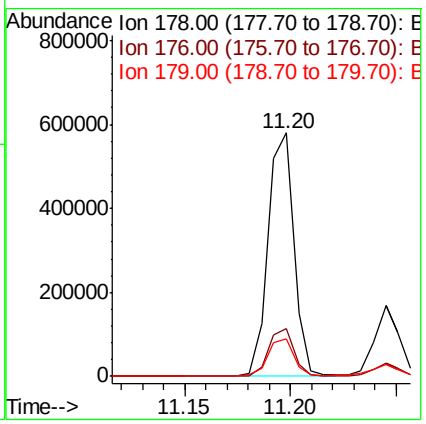




#71
Phenanthrene
Concen: 8.979 ng
RT: 11.20 min Scan# 1549
Delta R.T. 0.00 min
Lab File: BF114845.D
Acq: 6 Jun 2019 3:30

Tgt Ion:178 Resp: 497306

Ion	Ratio	Lower	Upper
178	100		
176	19.7	17.7	26.5
179	15.5	13.7	20.5



Instrument :
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ClientSampleId :
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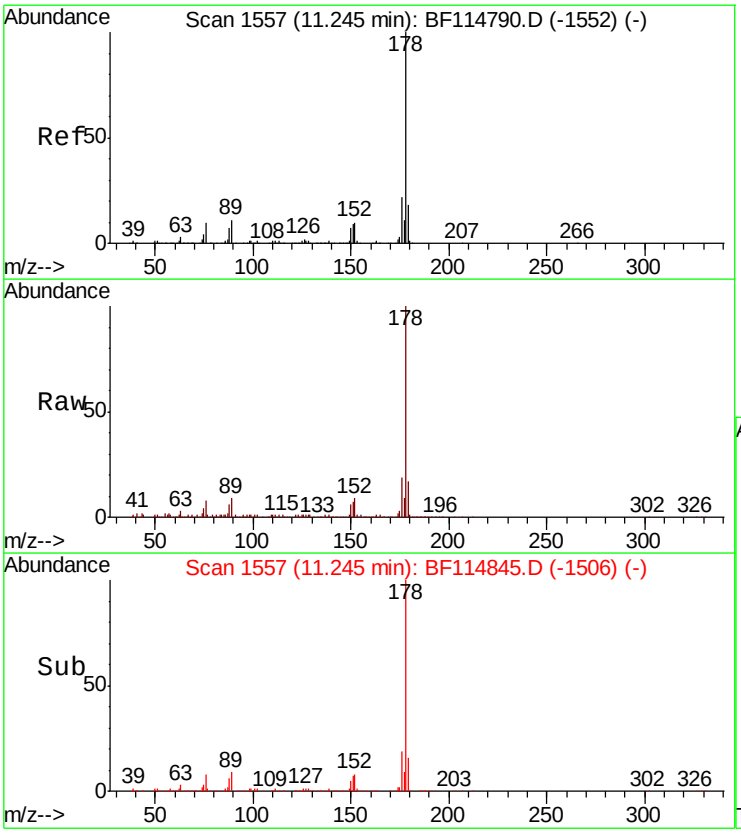
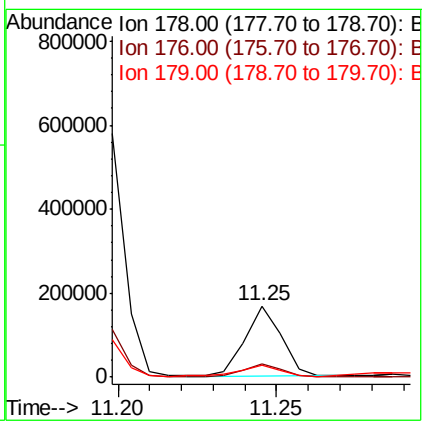
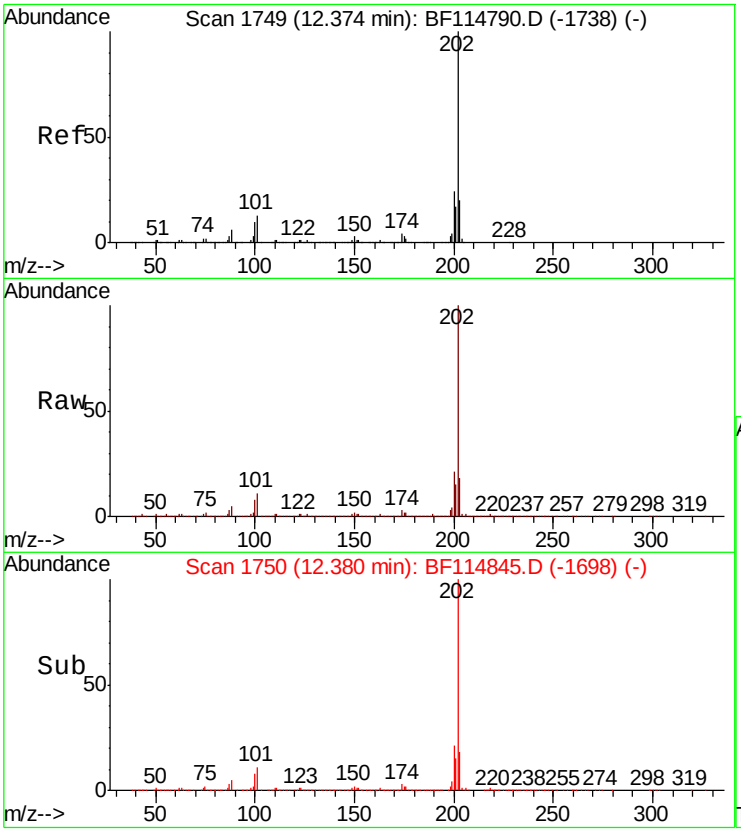


#72
Anthracene
Concen: 2.299 ng
RT: 11.25 min Scan# 1557
Delta R.T. 0.00 min
Lab File: BF114845.D
Acq: 6 Jun 2019 3:30

Tgt Ion:178 Resp: 133994

Ion	Ratio	Lower	Upper
178	100		
176	18.8	17.4	26.0
179	16.5	14.2	21.4

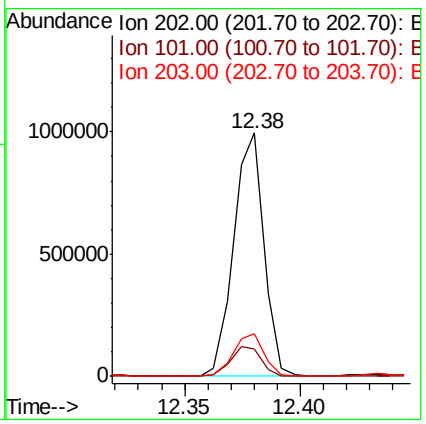




#75
Fluoranthene
Concen: 15.712 ng
RT: 12.38 min Scan# 1750
Delta R.T. 0.01 min
Lab File: BF114845.D
Acq: 6 Jun 2019 3:30

Tgt Ion:202 Resp: 905691

Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	32.8
203	17.6	0.2	40.2



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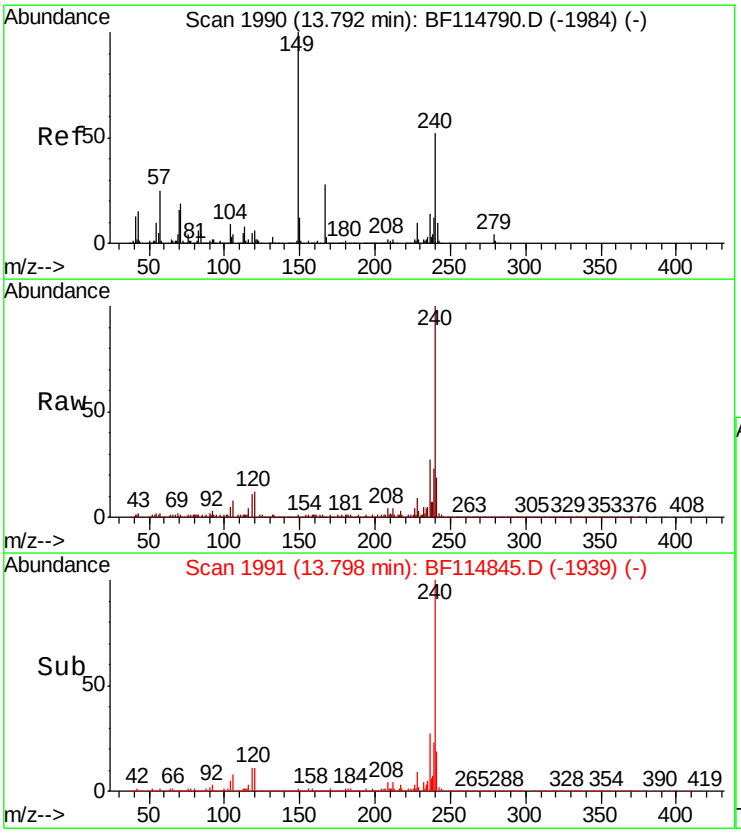
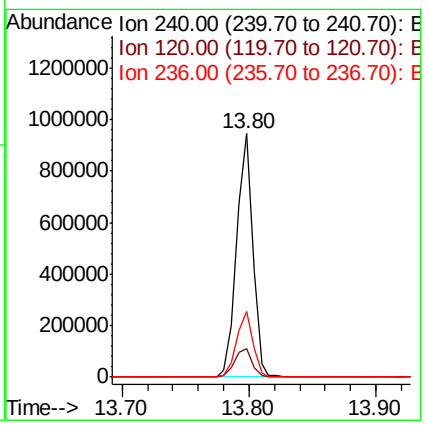
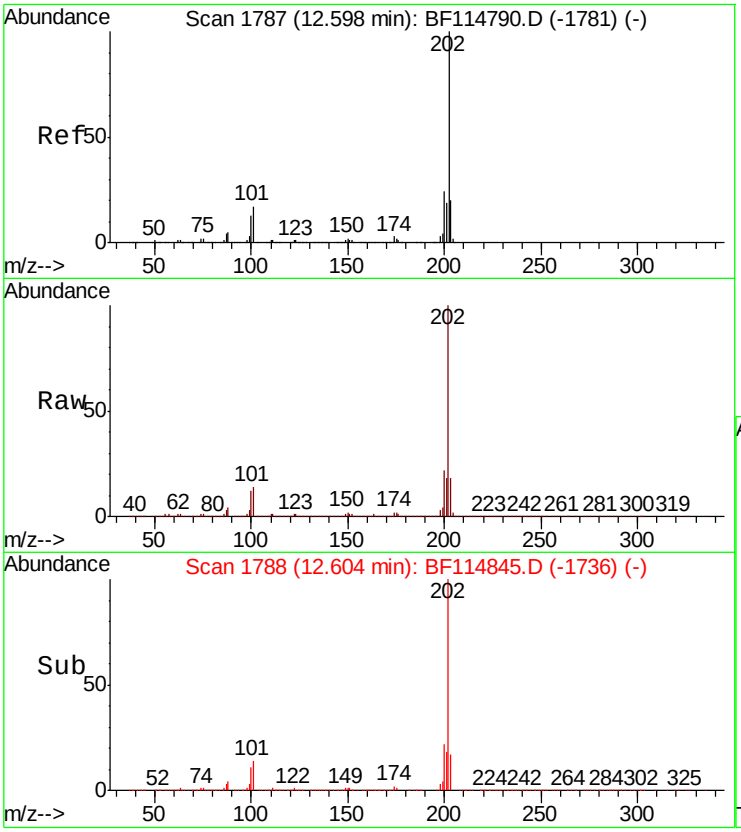


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.80 min Scan# 1991
Delta R.T. 0.01 min
Lab File: BF114845.D
Acq: 6 Jun 2019 3:30

Tgt Ion:240 Resp: 819591

Ion	Ratio	Lower	Upper
240	100		
120	11.6	9.0	13.4
236	27.1	21.4	32.0

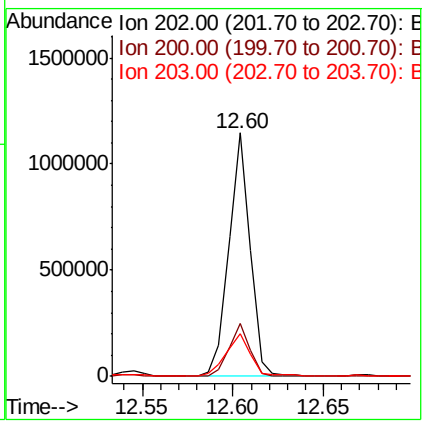




#78
Pyrene
Concen: 13.204 ng
RT: 12.60 min Scan# 1788
Delta R.T. 0.01 min
Lab File: BF114845.D
Acq: 6 Jun 2019 3:30

Tgt Ion:202 Resp: 938807

Ion	Ratio	Lower	Upper
202	100		
200	21.8	19.2	28.8
203	17.6	15.9	23.9



Instrument :
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ClientSampleId :
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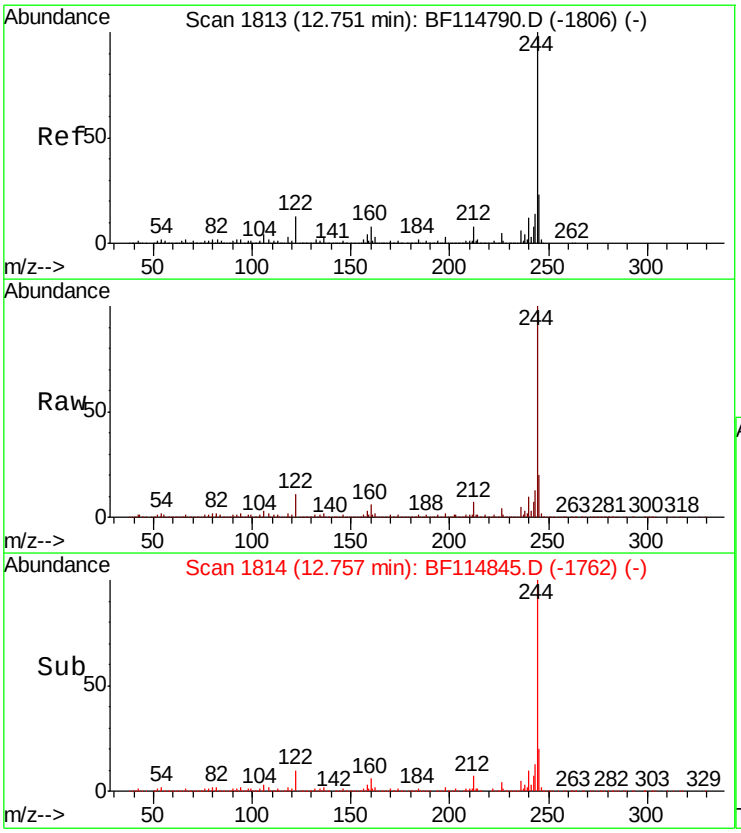
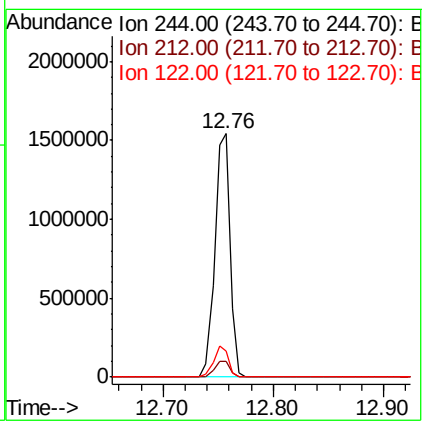
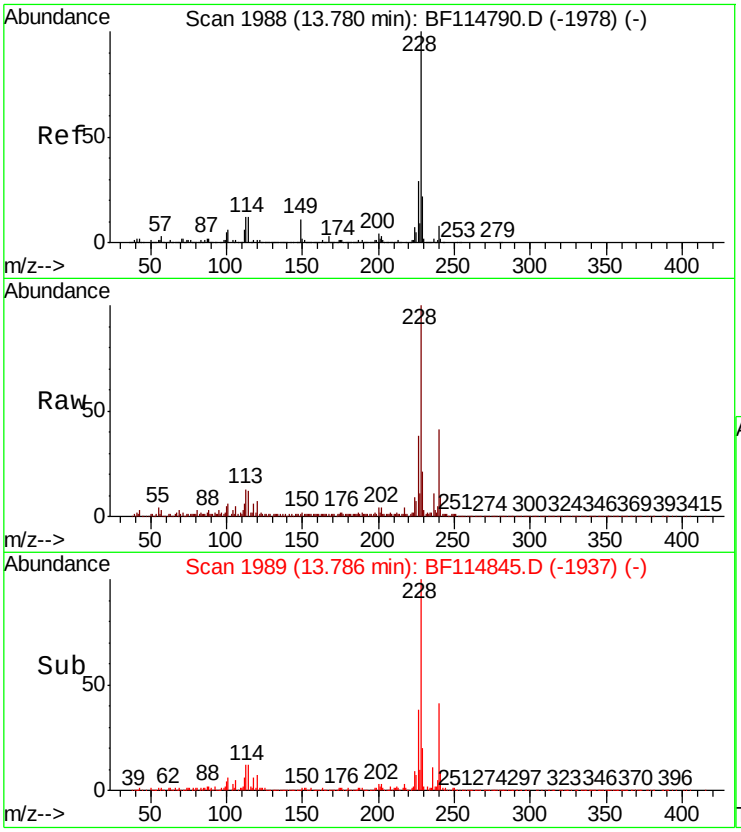


#79
Terphenyl-d14
Concen: 34.858 ng
RT: 12.76 min Scan# 1814
Delta R.T. 0.01 min
Lab File: BF114845.D
Acq: 6 Jun 2019 3:30

Tgt Ion:244 Resp: 1469034

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

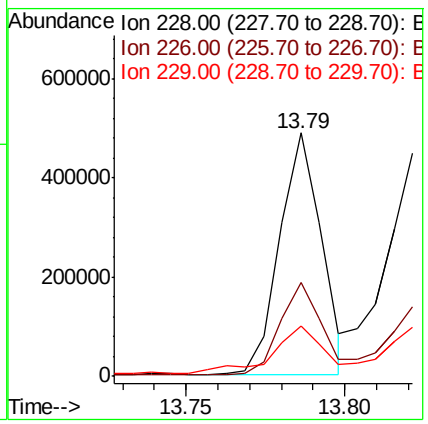




#81
Benzo(a)anthracene
Concen: 7.125 ng m
RT: 13.79 min Scan# 1989
Delta R.T. 0.01 min
Lab File: BF114845.D
Acq: 6 Jun 2019 3:30

Tgt Ion:228 Resp: 449975

Ion	Ratio	Lower	Upper
228	100		
226	38.5	23.4	35.2#
229	20.8	17.4	26.0



Instrument :
BNA_F
ClientSampleId :
SU-02-060419-B

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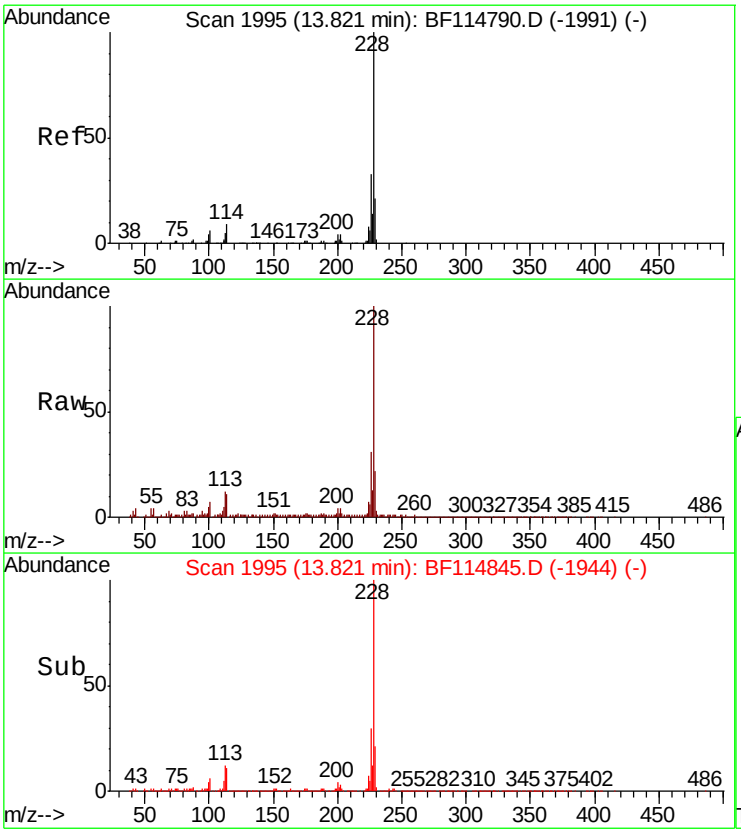
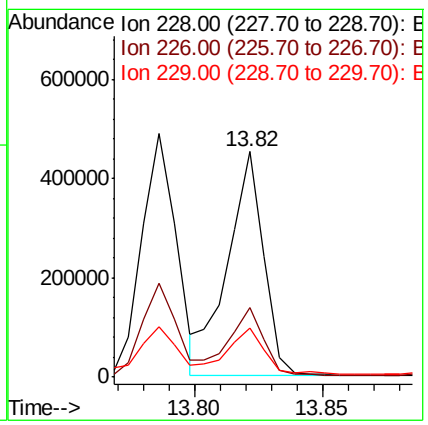
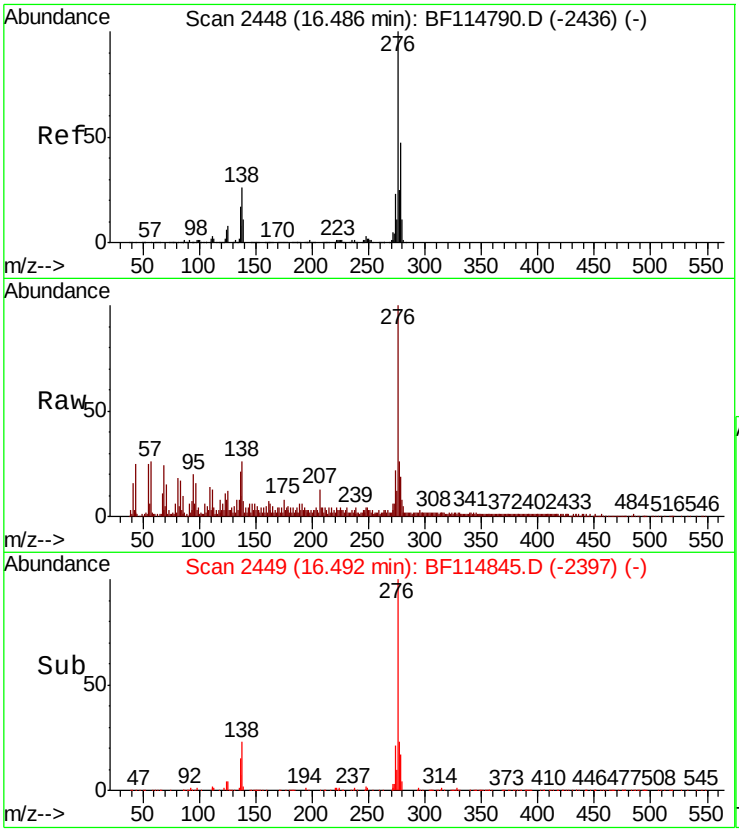


#83
Chrysene
Concen: 7.336 ng m
RT: 13.82 min Scan# 1995
Delta R.T. 0.00 min
Lab File: BF114845.D
Acq: 6 Jun 2019 3:30

Tgt Ion:228 Resp: 450716

Ion	Ratio	Lower	Upper
228	100		
226	31.0	26.0	39.0
229	22.0	17.1	25.7

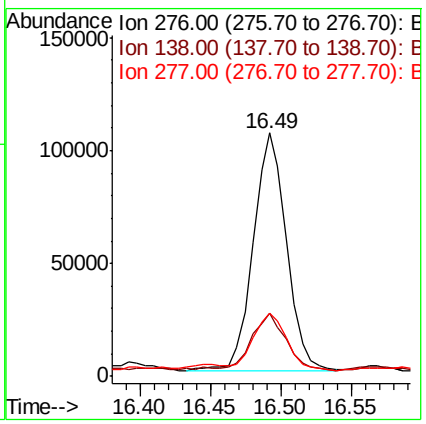




#86
Indeno(1,2,3-cd)pyrene
Concen: 2.489 ng
RT: 16.49 min Scan# 2449
Delta R.T. 0.01 min
Lab File: BF114845.D
Acq: 6 Jun 2019 3:30

Tgt Ion:276 Resp: 174452

Ion	Ratio	Lower	Upper
276	100		
138	25.4	22.2	33.4
277	25.4	20.6	30.8



Instrument :
BNA_F
ClientSampleId :
SU-02-060419-B

Manual Integrations APPROVED
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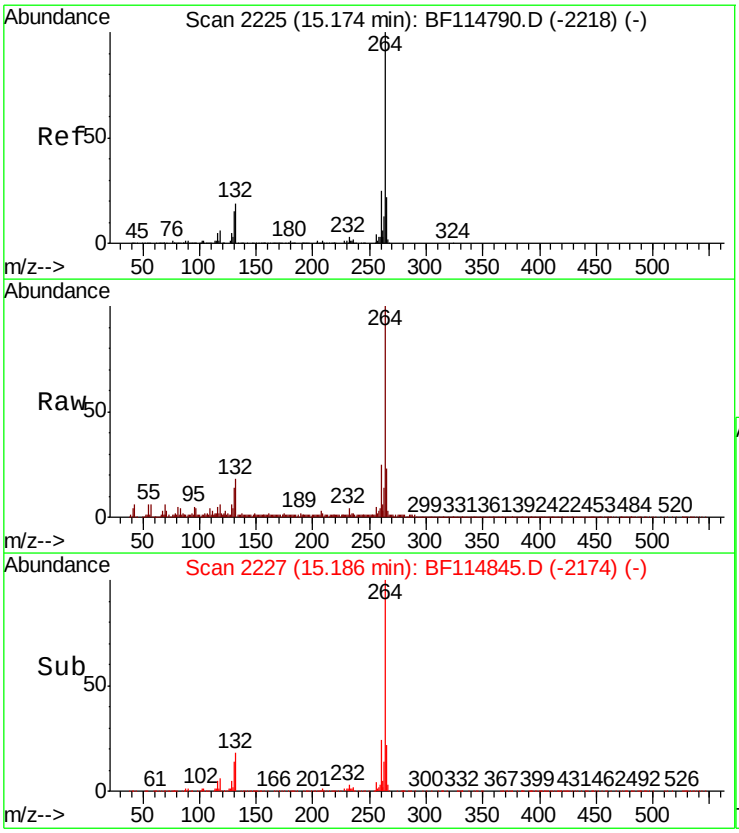
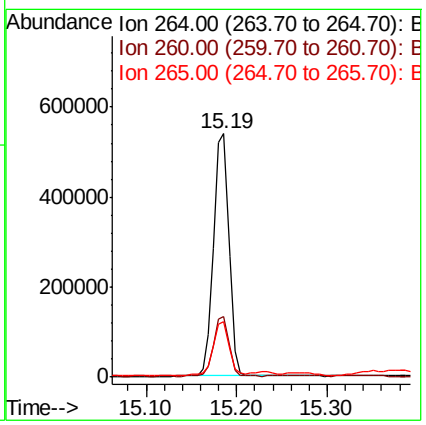
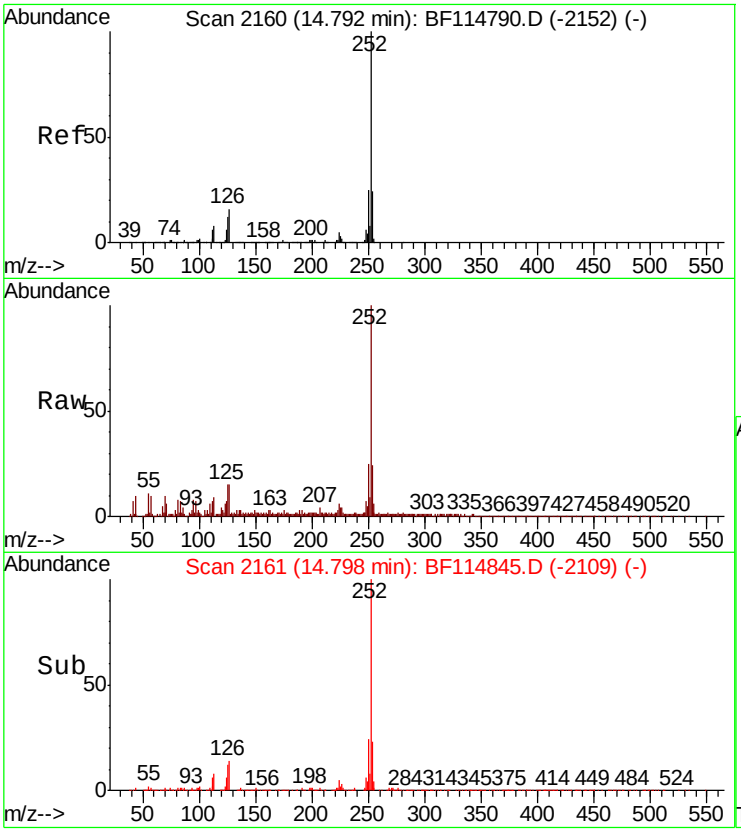


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.19 min Scan# 2227
Delta R.T. 0.01 min
Lab File: BF114845.D
Acq: 6 Jun 2019 3:30

Tgt Ion:264 Resp: 634867

Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.1	30.1
265	22.6	17.7	26.5





#88
Benzo(b)fluoranthene
Concen: 10.049 ng m
RT: 14.80 min Scan# 2161
Delta R.T. 0.01 min
Lab File: BF114845.D
Acq: 6 Jun 2019 3:30

Tgt Ion:252 Resp: 406154

Ion	Ratio	Lower	Upper
252	100		
253	24.4	19.0	28.6
125	15.1	9.4	14.0#

Instrument :
BNA_F
ClientSampleId :
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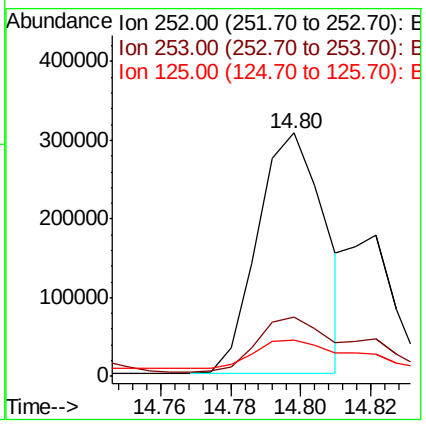
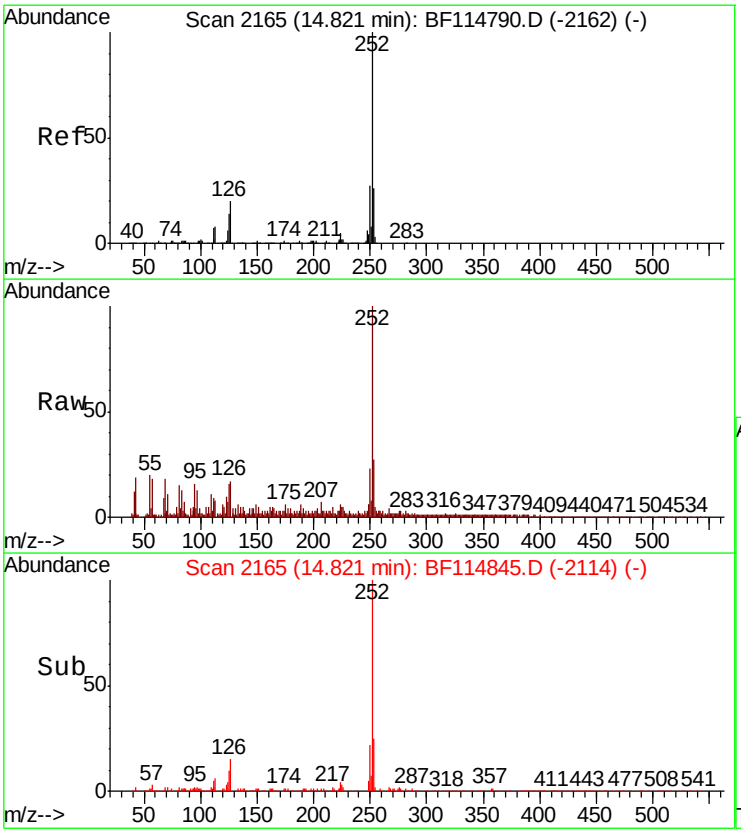
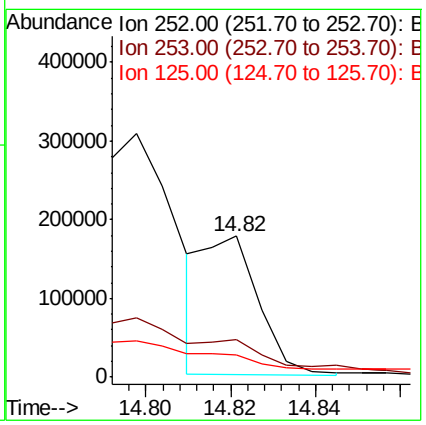


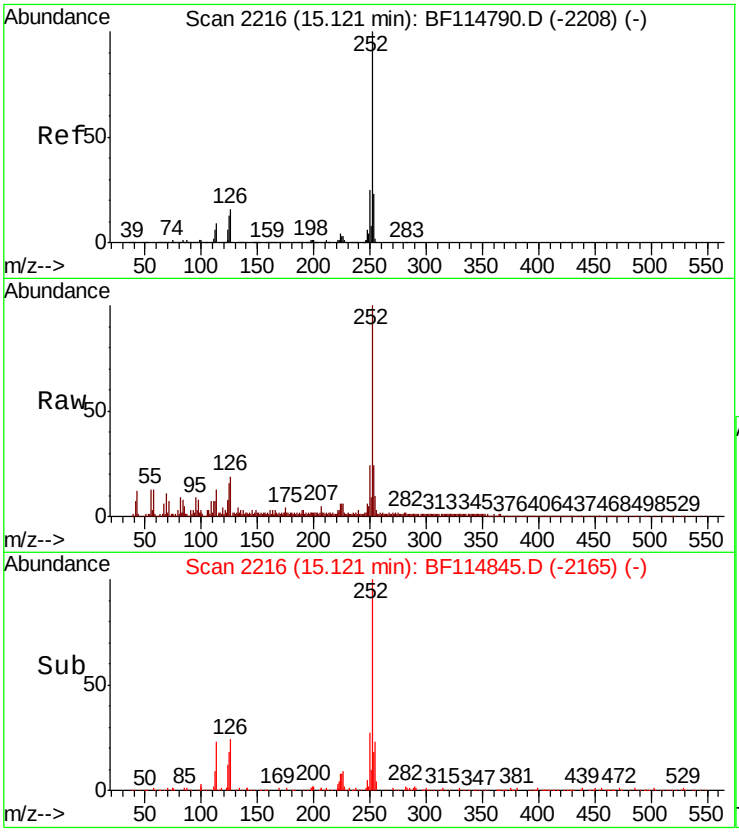


#89
Benzo(k)fluoranthene
Concen: 4.555 ng m
RT: 14.82 min Scan# 2165
Delta R.T. 0.00 min
Lab File: BF114845.D
Acq: 6 Jun 2019 3:30

Tgt Ion:252 Resp: 156334

Ion	Ratio	Lower	Upper
252	100		
253	27.1	19.3	28.9
125	15.6	10.1	15.1#





#90
Benzo(a)pyrene
Concen: 8.412 ng
RT: 15.12 min Scan# 2216
Delta R.T. 0.00 min
Lab File: BF114845.D
Acq: 6 Jun 2019 3:30

Tgt Ion:252 Resp: 294270

Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.5	27.7
125	16.2	10.1	15.1#

Instrument :
BNA_F
ClientSampleId :
SU-02-060419-B

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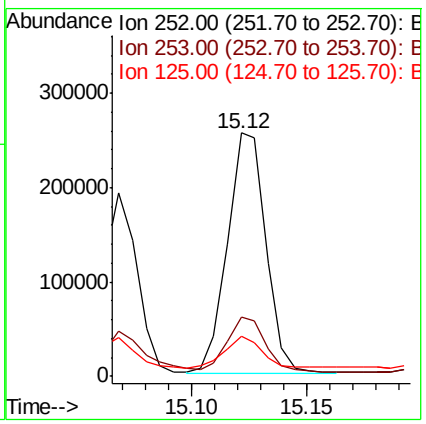

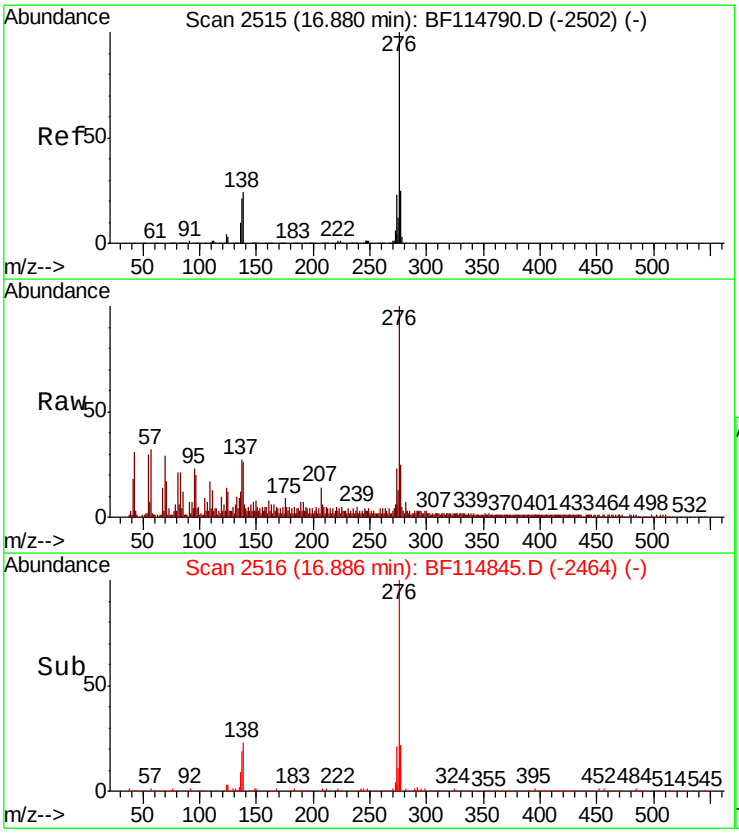

#92
Benzo(g,h,i)perylene
Concen: 4.829 ng
RT: 16.89 min Scan# 2516
Delta R.T. 0.01 min
Lab File: BF114845.D
Acq: 6 Jun 2019 3:30

Tgt Ion:276 Resp: 160870

Ion	Ratio	Lower	Upper
276	100		
277	25.3	19.8	29.6
138	25.9	19.4	29.2