Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090519\
Data File : BF116848.D
Acq On : 5 Sep 2019 19:48
Operator : HP/JU
Sample : K4692-10 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-28-COMP

Manual Integrations APPROVED
mohammad
9/10/2019 9:55:25 AM

Quant Time: Sep 06 05:30:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 30 20:02:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	64178	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	266904	20.00	ng		0.00
39) Acenaphthene-d10	9.88	164	136846	20.00	ng		0.00
64) Phenanthrene-d10	11.36	188	207416	20.00	ng		0.00
76) Chrysene-d12	14.00	240	154836	20.00	ng		0.00
87) Perylene-d12	15.46	264	114356	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	245031	61.85	ng		0.00
7) Phenol-d6	6.47	99	345144	66.35	ng		0.00
23) Nitrobenzene-d5	7.40	82	202100	43.23	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	62714	68.55	ng		0.00
45) 2-Fluorobiphenyl	9.20	172	399712	49.27	ng		-0.01
79) Terphenyl-d14	12.94	244	351642	42.01	ng		0.00
Target Compounds							Qvalue
50) Dimethylphthalate	9.59	163	54036	5.719	ng		96
71) Phenanthrene	11.39	178	222109	19.237	ng		99
72) Anthracene	11.44	178	49767	4.282	ng		99
75) Fluoranthene	12.58	202	363899	32.070	ng		99
78) Pyrene	12.81	202	355559	25.833	ng		99
81) Benzo(a)anthracene	13.99	228	172303	17.583	ng		97
83) Chrysene	14.03	228	159812	15.829	ng		98
86) Indeno(1,2,3-cd)pyrene	16.92	276	49196	6.067	ng		97
88) Benzo(b)fluoranthene	15.04	252	153172m	22.155	ng		
89) Benzo(k)fluoranthene	15.06	252	34933m	5.542	ng		
90) Benzo(a)pyrene	15.40	252	94479	15.707	ng		100
91) Dibenzo(a,h)anthracene	16.92	278	13902	2.640	ng	#	83
92) Benzo(g,h,i)perylene	17.36	276	48964	9.119	ng	#	91

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

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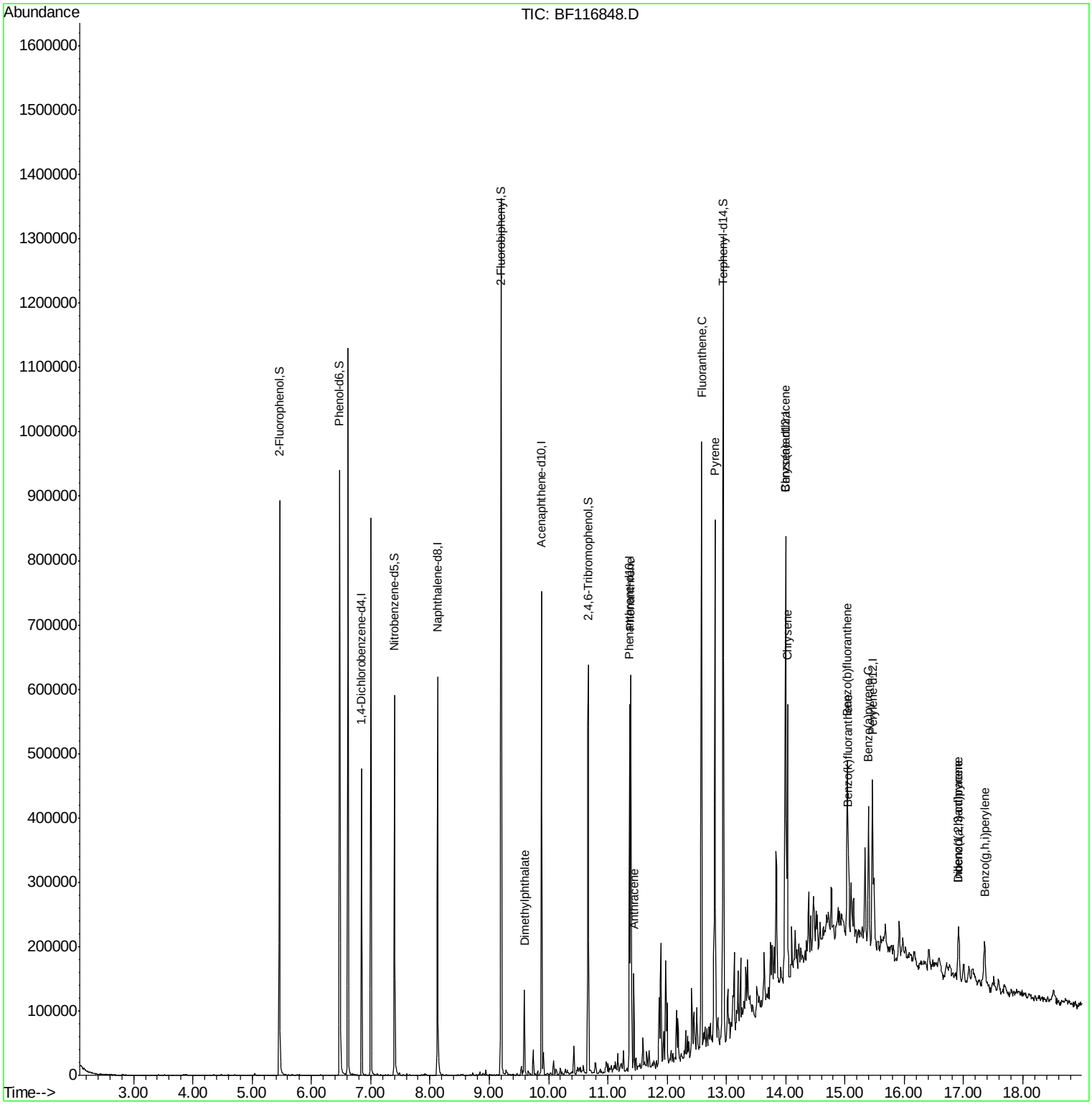
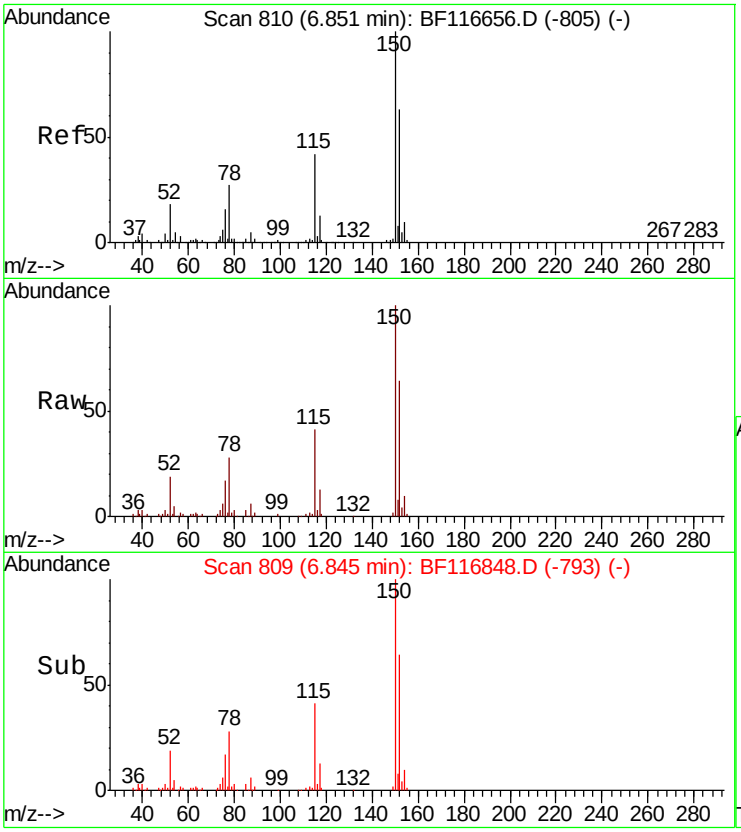
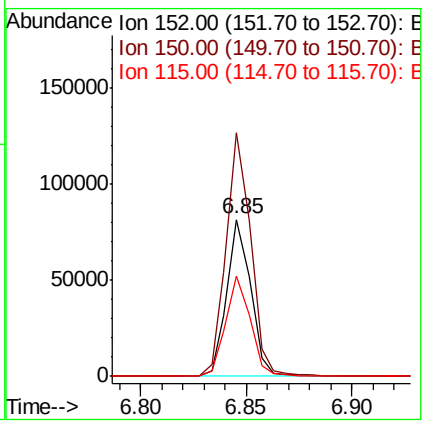




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF116848.D
Acq: 5 Sep 2019 19:48

Tgt Ion:152 Resp: 64178

Ion	Ratio	Lower	Upper
152	100		
150	155.4	124.4	186.6
115	63.9	49.9	74.9



Instrument :
BNA_F
ClientSampleId :
SB-28-COMP

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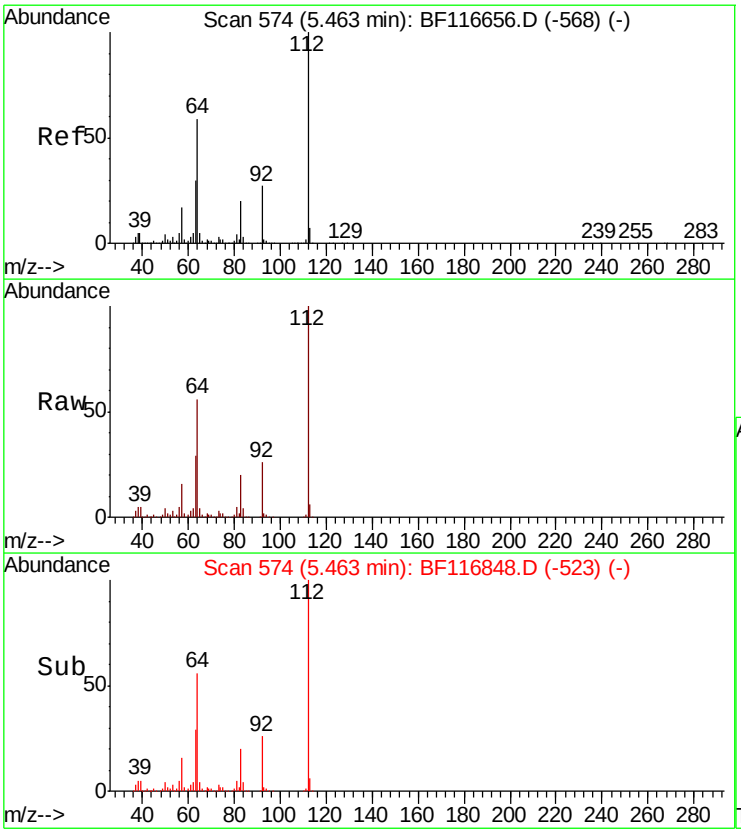
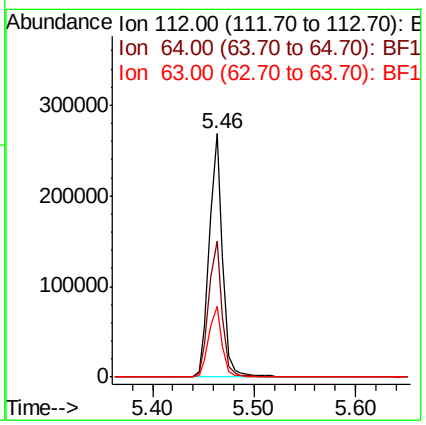
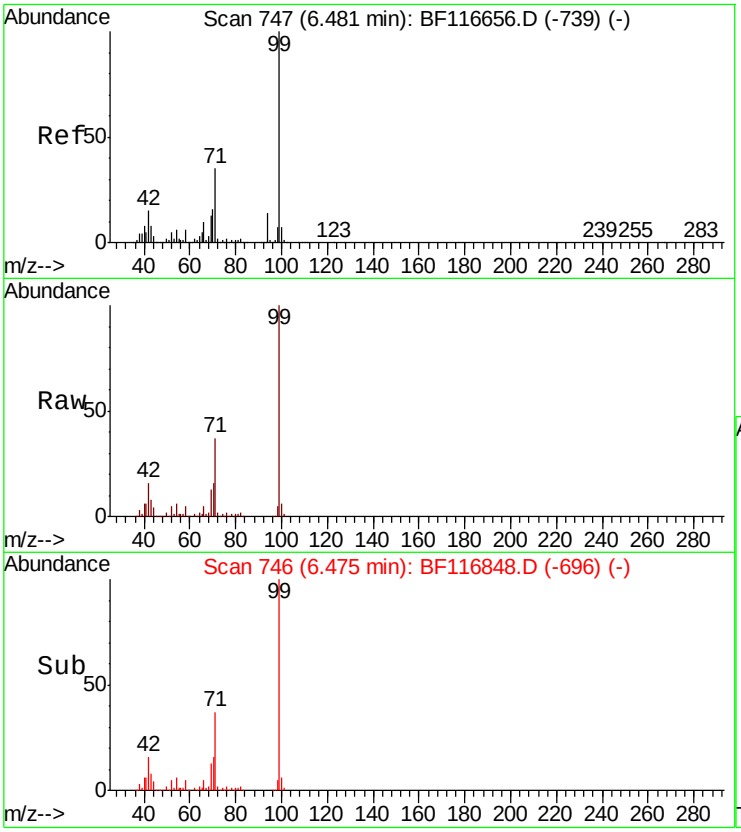


#5
2-Fluorophenol
Concen: 61.854 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.00 min
Lab File: BF116848.D
Acq: 5 Sep 2019 19:48

Tgt Ion:112 Resp: 245031

Ion	Ratio	Lower	Upper
112	100		
64	56.1	47.1	70.7
63	29.2	24.9	37.3

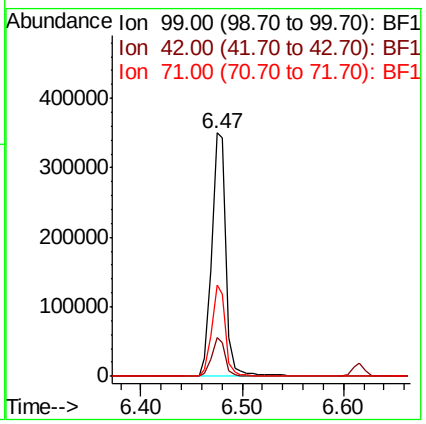




#7
Phenol-d6
Concen: 66.350 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.01 min
Lab File: BF116848.D
Acq: 5 Sep 2019 19:48

Tgt Ion: 99 Resp: 345144

Ion	Ratio	Lower	Upper
99	100		
42	15.8	13.7	20.5
71	37.4	30.8	46.2



Instrument :
BNA_F
ClientSampleId :
SB-28-COMP

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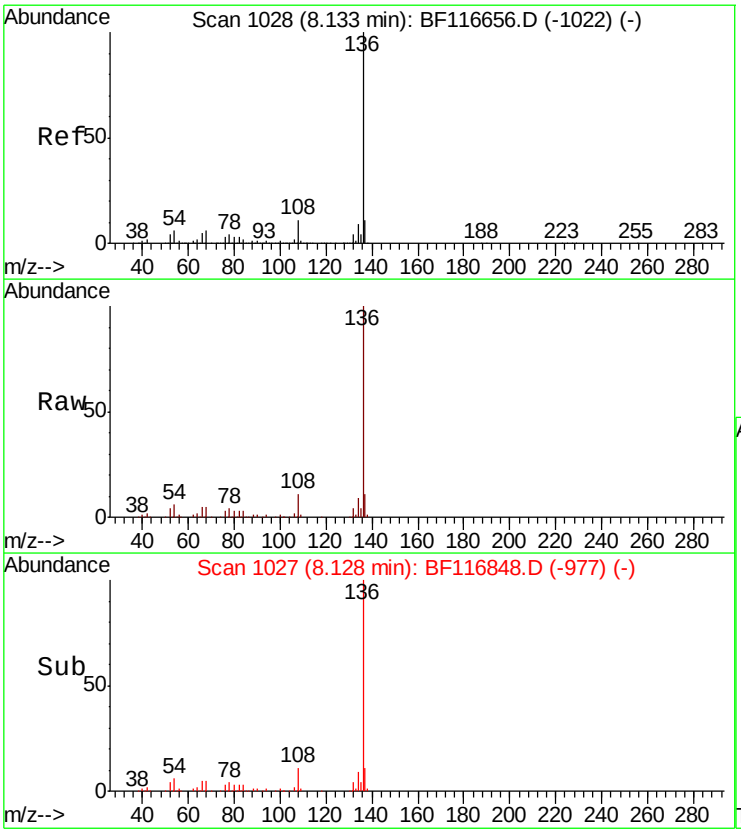
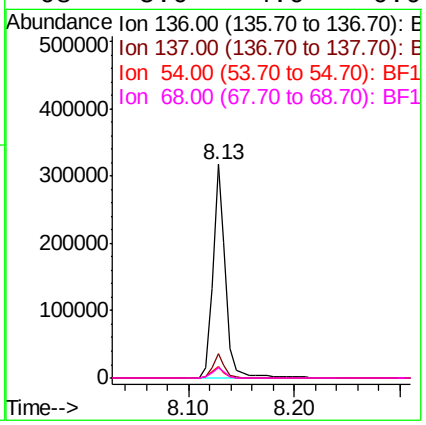
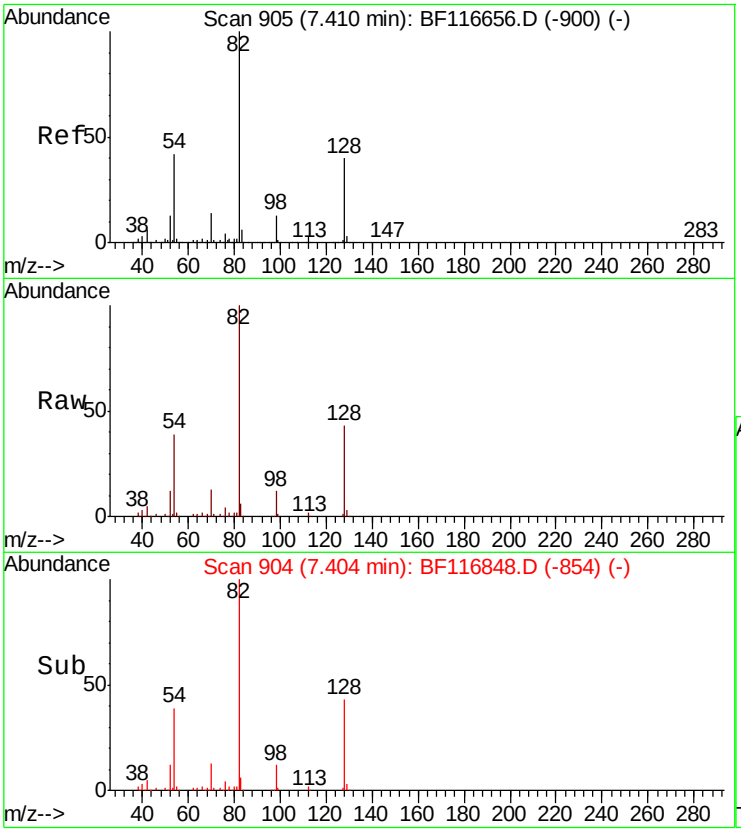


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF116848.D
Acq: 5 Sep 2019 19:48

Tgt Ion:136 Resp: 266904

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	5.7	4.8	7.2
68	5.0	4.0	6.0

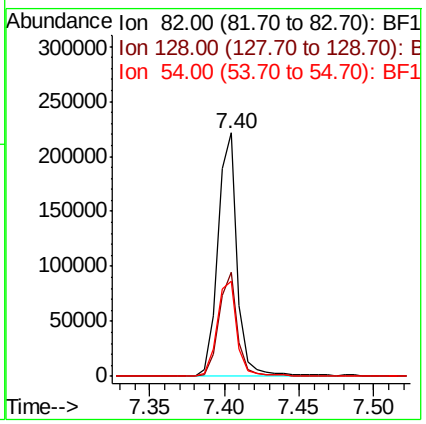




#23
Nitrobenzene-d5
Concen: 43.227 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF116848.D
Acq: 5 Sep 2019 19:48

Tgt Ion: 82 Resp: 202100

Ion	Ratio	Lower	Upper
82	100		
128	42.8	32.8	49.2
54	39.3	36.9	55.3



Instrument :
BNA_F
ClientSampleId :
SB-28-COMP

Manual Integrations APPROVED
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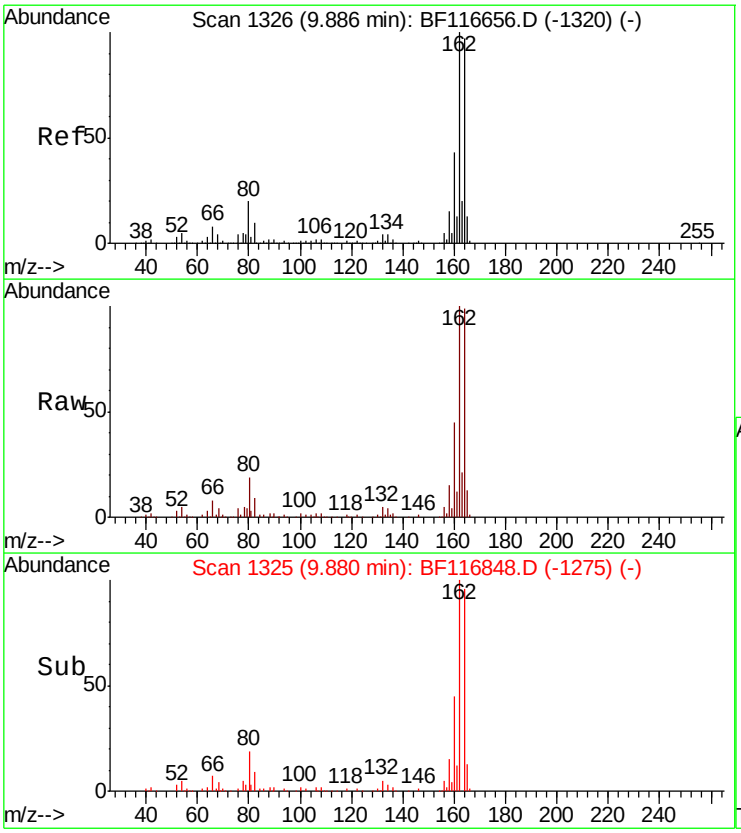
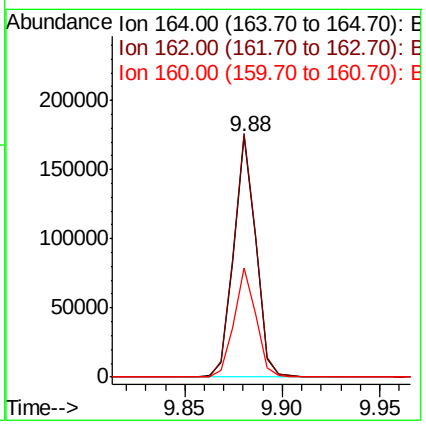
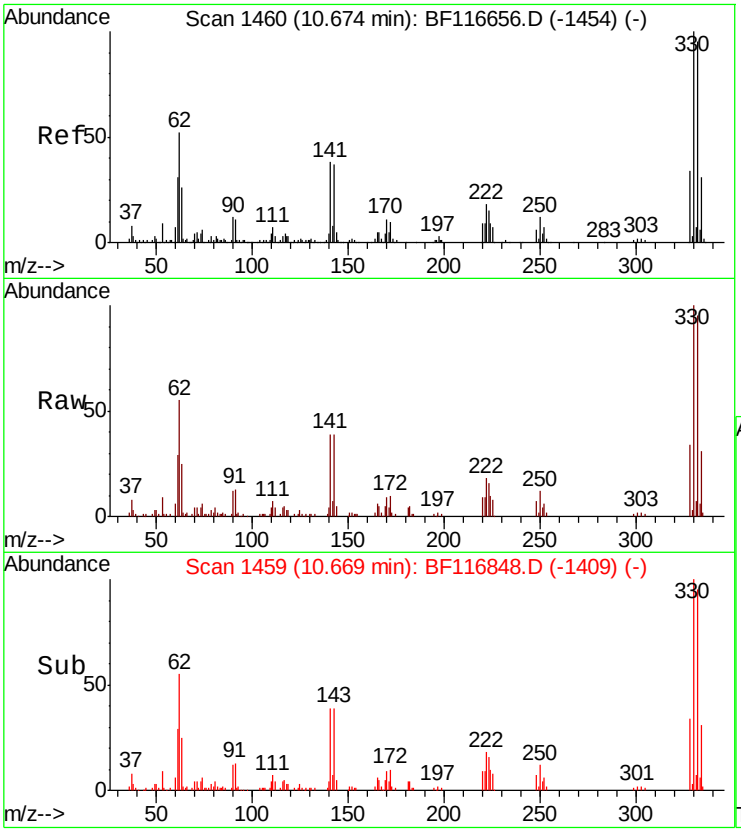


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF116848.D
Acq: 5 Sep 2019 19:48

Tgt Ion:164 Resp: 136846

Ion	Ratio	Lower	Upper
164	100		
162	101.2	81.4	122.0
160	45.2	35.4	53.2

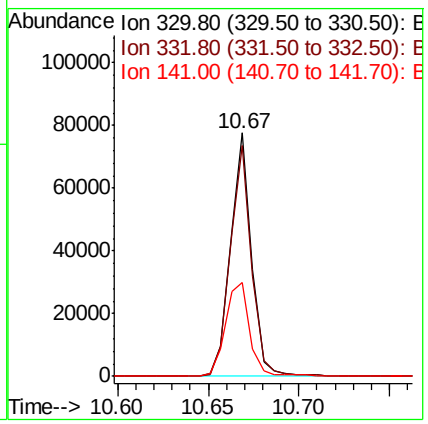




#42
2,4,6-Tribromophenol
Concen: 68.552 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF116848.D
Acq: 5 Sep 2019 19:48

Tgt Ion:330 Resp: 62714

Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.9	115.3
141	44.7	31.4	47.2



Instrument :
BNA_F
ClientSampleId :
SB-28-COMP

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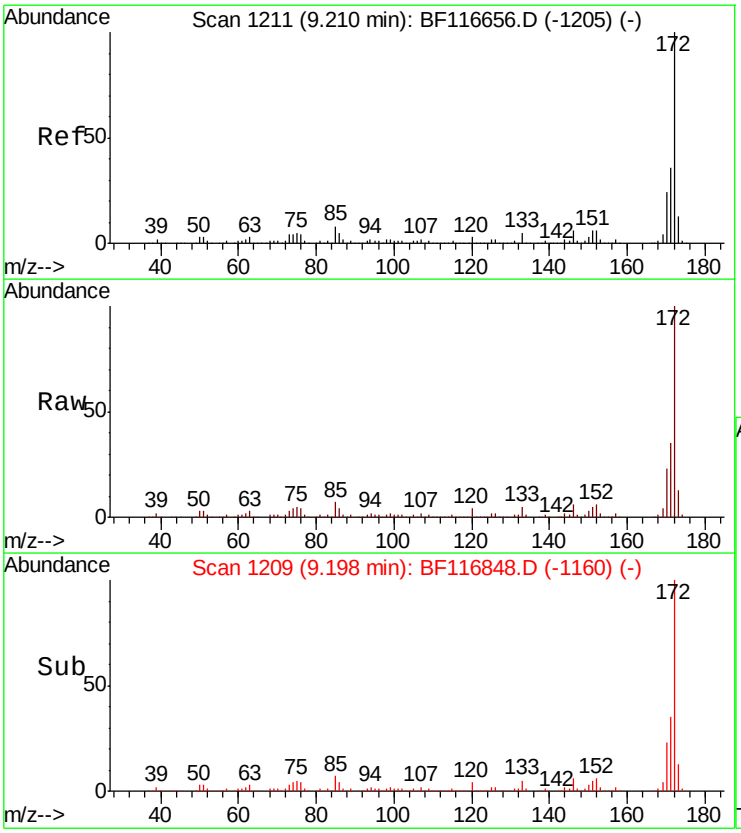
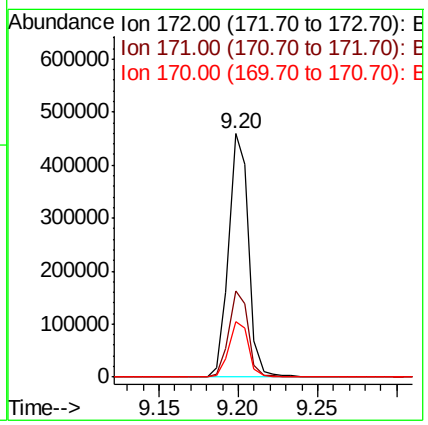
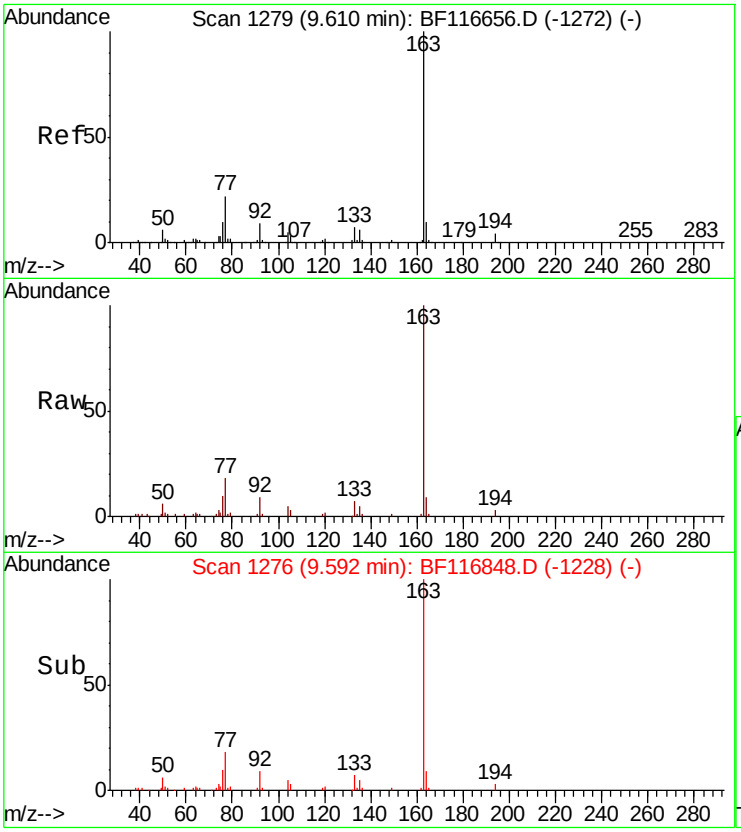


#45
2-Fluorobiphenyl
Concen: 49.272 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF116848.D
Acq: 5 Sep 2019 19:48

Tgt Ion:172 Resp: 399712

Ion	Ratio	Lower	Upper
172	100		
171	35.2	27.8	41.6
170	22.8	18.9	28.3

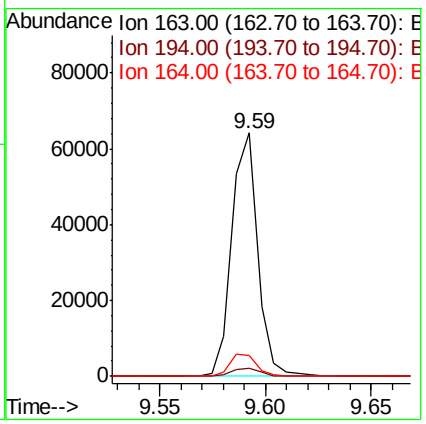




#50
Dimethylphthalate
Concen: 5.719 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF116848.D
Acq: 5 Sep 2019 19:48

Tgt Ion:163 Resp: 54036

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.8	4.2
164	8.7	8.6	12.8



Instrument :
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ClientSampleId :
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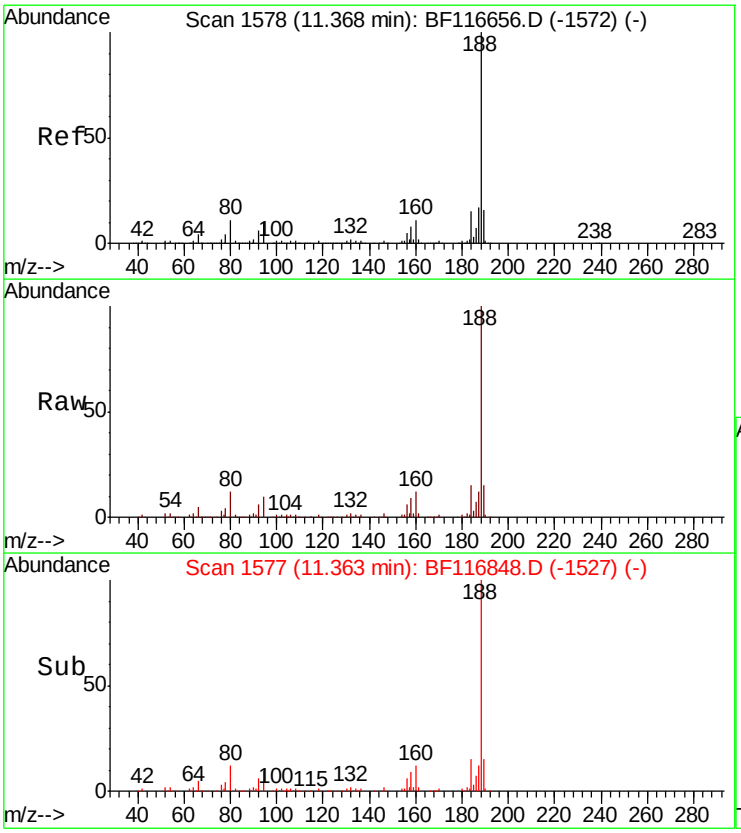
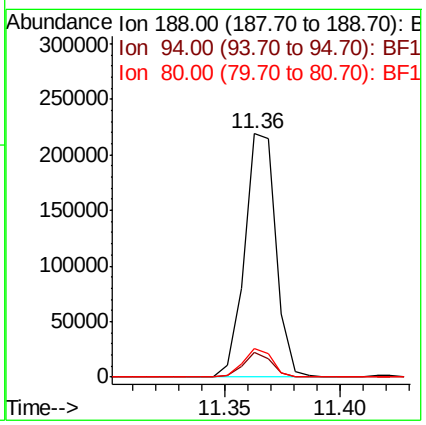
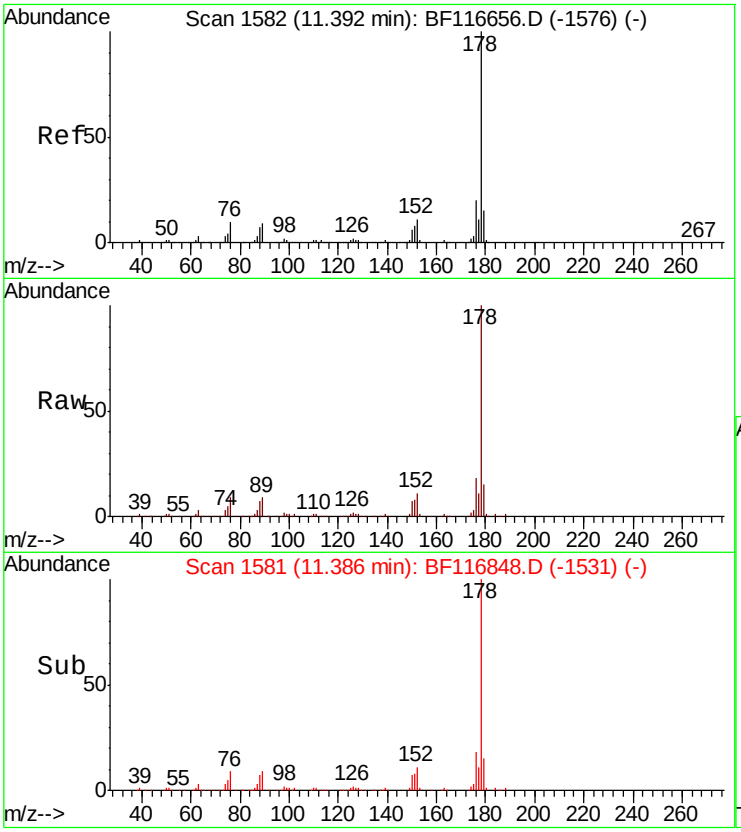


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF116848.D
Acq: 5 Sep 2019 19:48

Tgt Ion:188 Resp: 207416

Ion	Ratio	Lower	Upper
188	100		
94	10.0	7.3	10.9
80	11.6	8.4	12.6

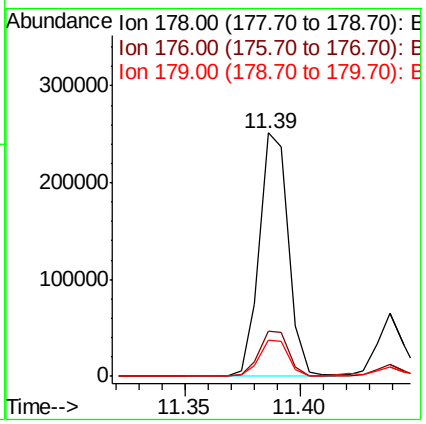




#71
Phenanthrene
Concen: 19.237 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF116848.D
Acq: 5 Sep 2019 19:48

Tgt Ion:178 Resp: 222109

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.4	23.0
179	15.0	12.2	18.2



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ClientSampleId :
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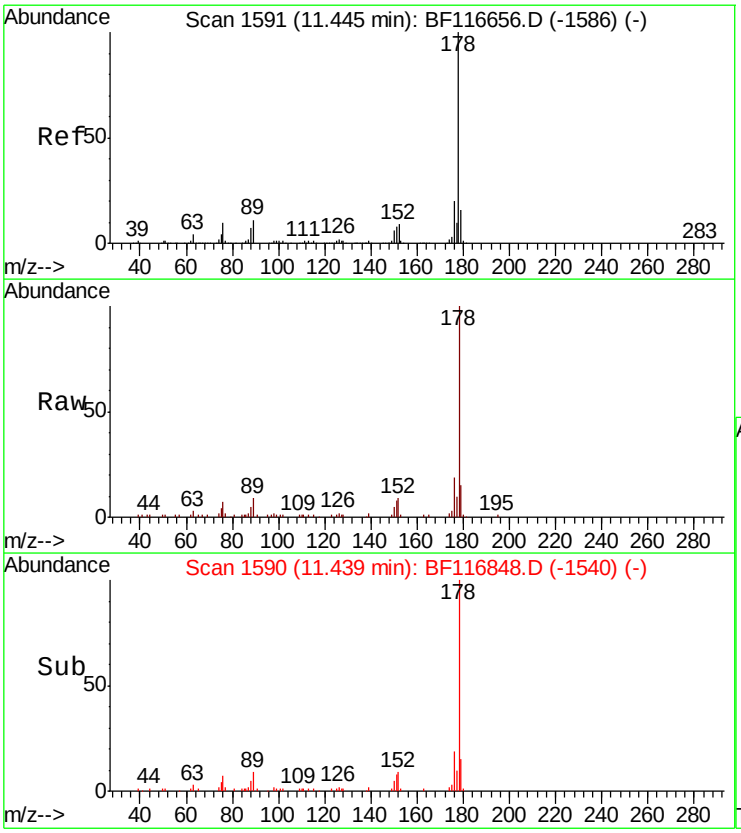
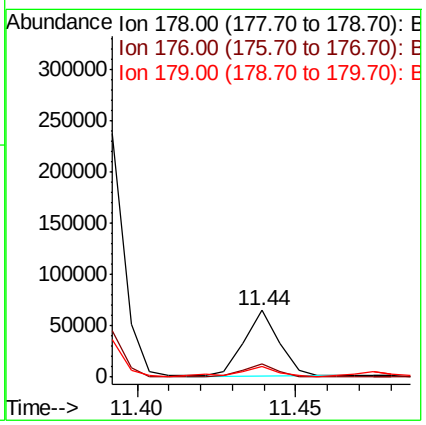
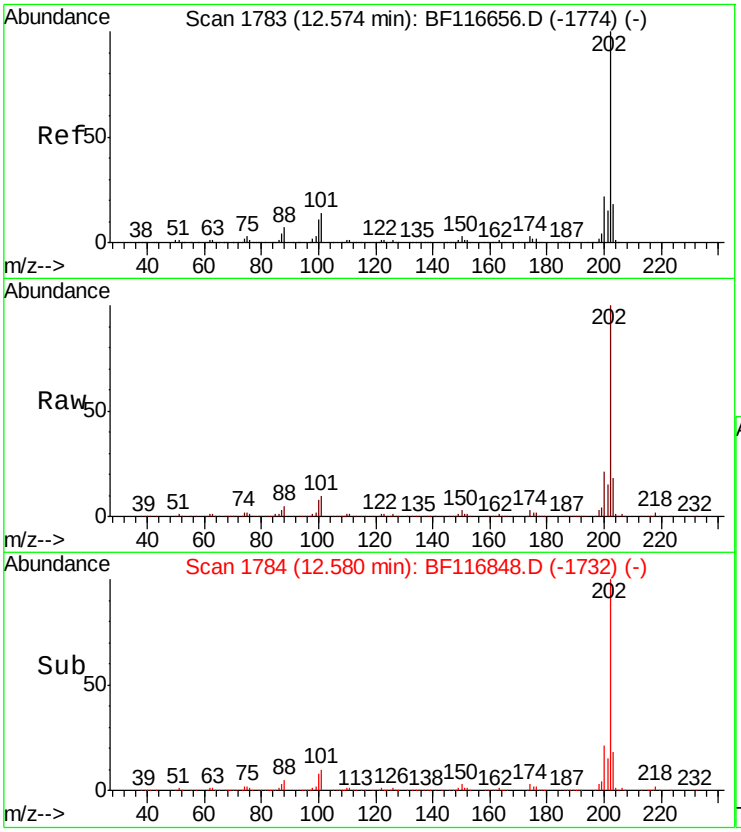


#72
Anthracene
Concen: 4.282 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.00 min
Lab File: BF116848.D
Acq: 5 Sep 2019 19:48

Tgt Ion:178 Resp: 49767

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.0
179	15.2	12.5	18.7

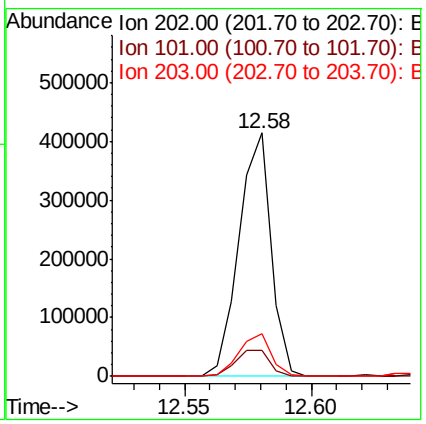




#75
Fluoranthene
Concen: 32.070 ng
RT: 12.58 min Scan# 1784
Delta R.T. 0.01 min
Lab File: BF116848.D
Acq: 5 Sep 2019 19:48

Tgt Ion:202 Resp: 363899

Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	31.3
203	17.6	0.0	37.6



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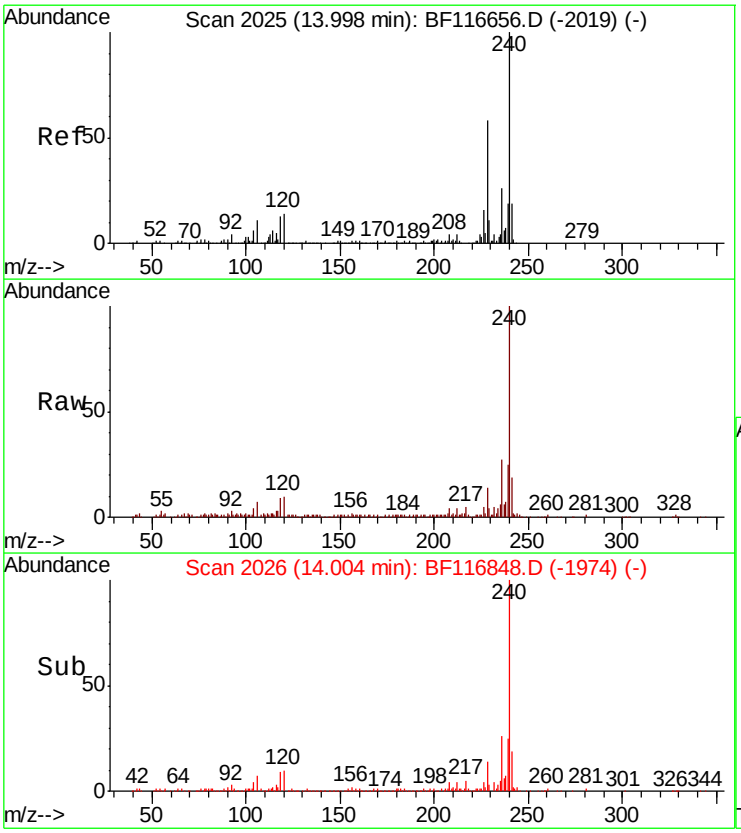
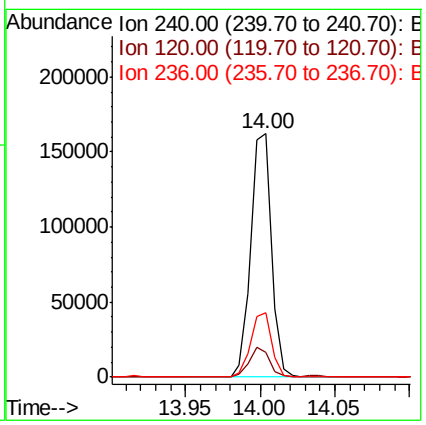
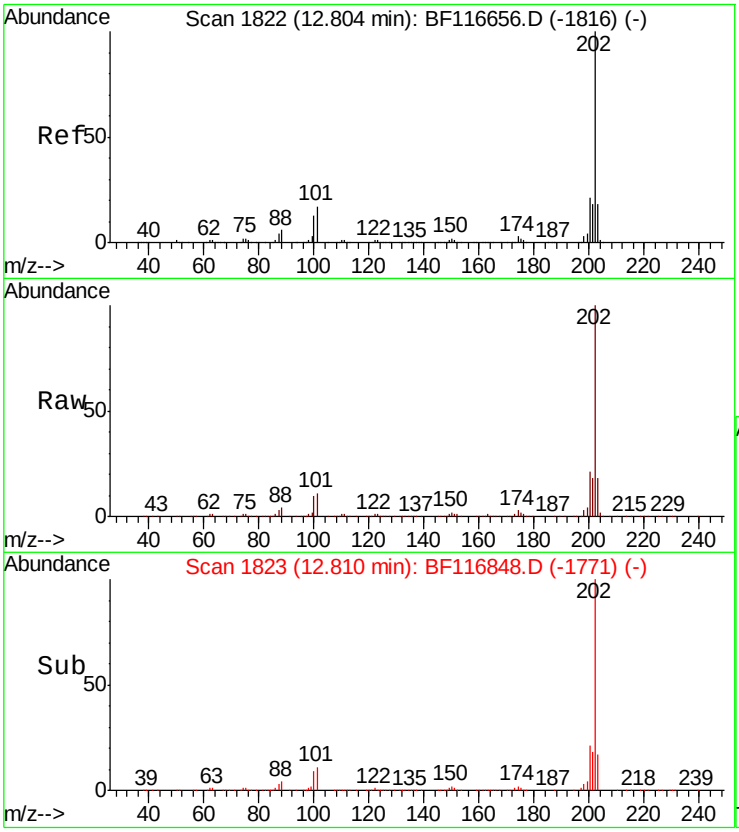


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.01 min
Lab File: BF116848.D
Acq: 5 Sep 2019 19:48

Tgt Ion:240 Resp: 154836

Ion	Ratio	Lower	Upper
240	100		
120	10.2	9.1	13.7
236	26.7	21.1	31.7

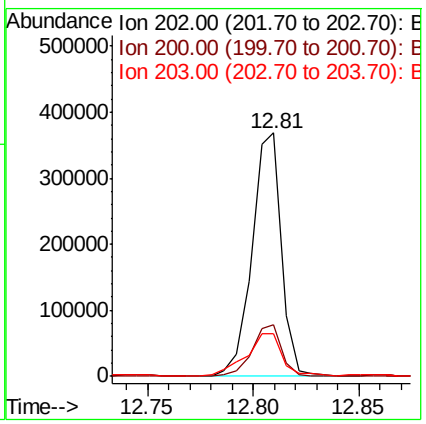




#78
Pyrene
Concen: 25.833 ng
RT: 12.81 min Scan# 1823
Delta R.T. 0.01 min
Lab File: BF116848.D
Acq: 5 Sep 2019 19:48

Tgt Ion:202 Resp: 355559

Ion	Ratio	Lower	Upper
202	100		
200	21.4	16.5	24.7
203	17.5	13.7	20.5



Instrument :
BNA_F
ClientSampleId :
SB-28-COMP

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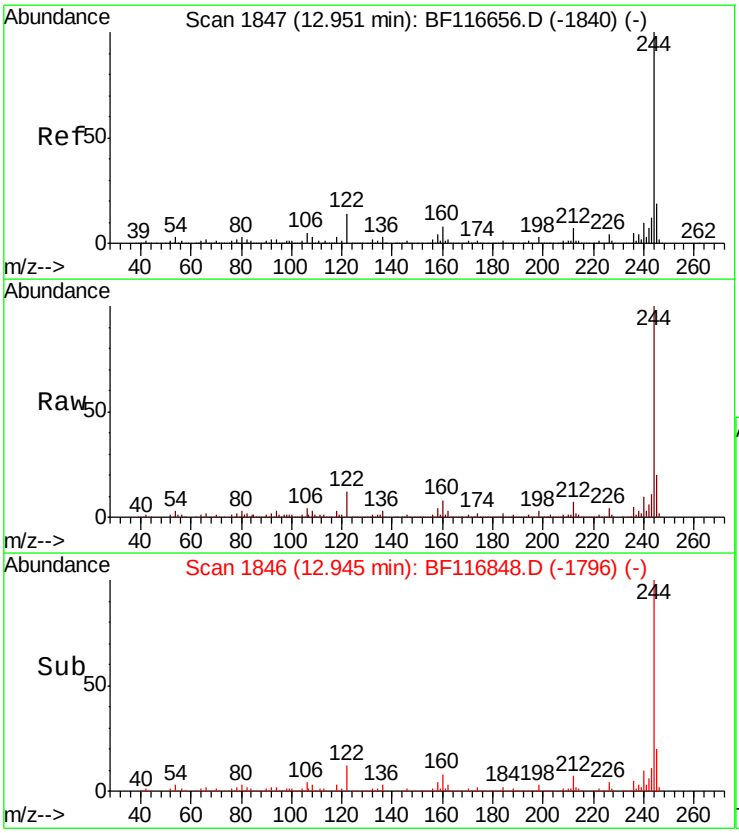
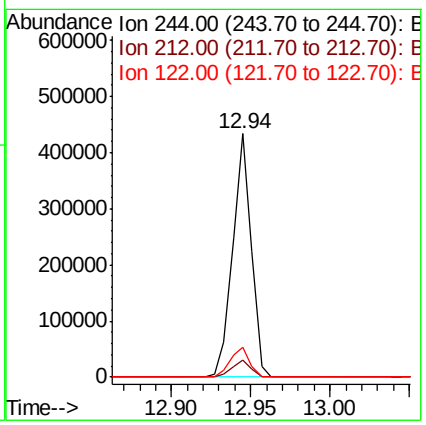
9/10/2019 9:55:25 AM

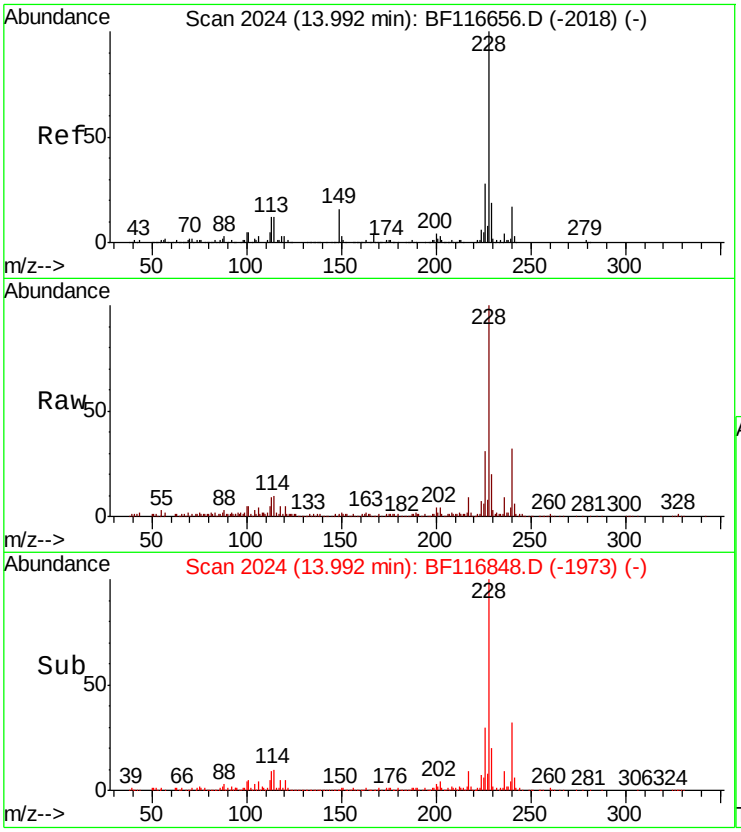


#79
Terphenyl-d14
Concen: 42.013 ng
RT: 12.94 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BF116848.D
Acq: 5 Sep 2019 19:48

Tgt Ion:244 Resp: 351642

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.1	9.1
122	12.1	10.2	15.4

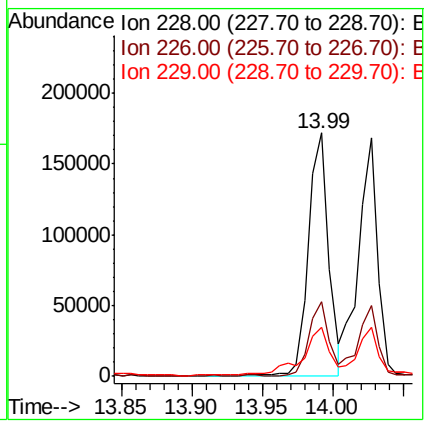




#81
Benzo(a)anthracene
Concen: 17.583 ng
RT: 13.99 min Scan# 2024
Delta R.T. 0.00 min
Lab File: BF116848.D
Acq: 5 Sep 2019 19:48

Tgt Ion:228 Resp: 172303

Ion	Ratio	Lower	Upper
228	100		
226	30.5	22.0	33.0
229	20.3	16.4	24.6



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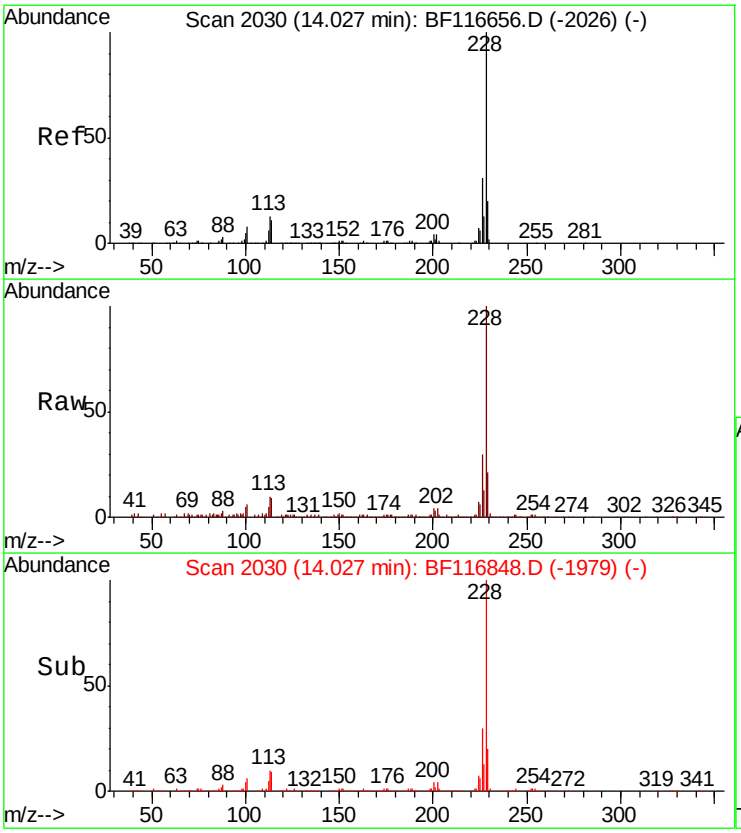
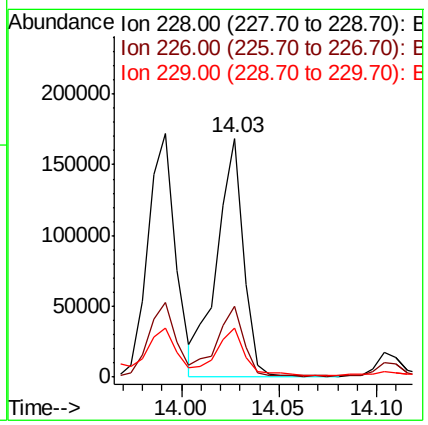
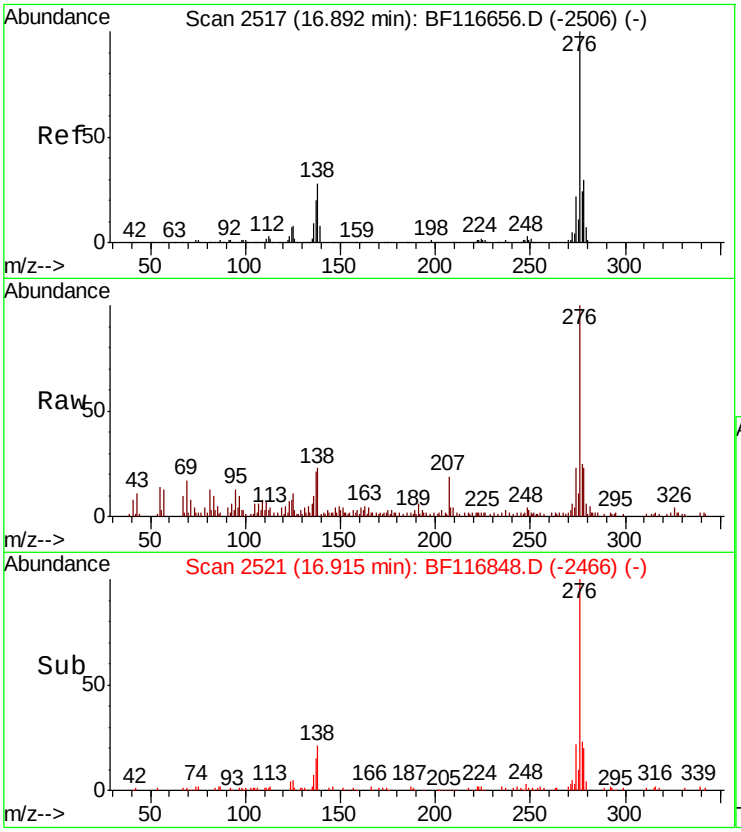


#83
Chrysene
Concen: 15.829 ng
RT: 14.03 min Scan# 2030
Delta R.T. 0.00 min
Lab File: BF116848.D
Acq: 5 Sep 2019 19:48

Tgt Ion:228 Resp: 159812

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.0	36.0
229	20.7	15.4	23.0

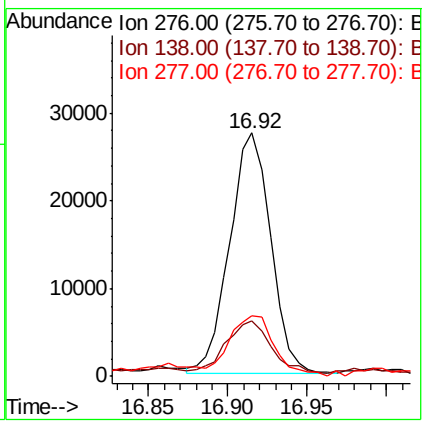




#86
Indeno(1,2,3-cd)pyrene
Concen: 6.067 ng
RT: 16.92 min Scan# 2521
Delta R.T. 0.02 min
Lab File: BF116848.D
Acq: 5 Sep 2019 19:48

Tgt Ion:276 Resp: 49196

Ion	Ratio	Lower	Upper
276	100		
138	23.4	19.4	29.2
277	27.6	20.5	30.7



Instrument :
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ClientSampleId :
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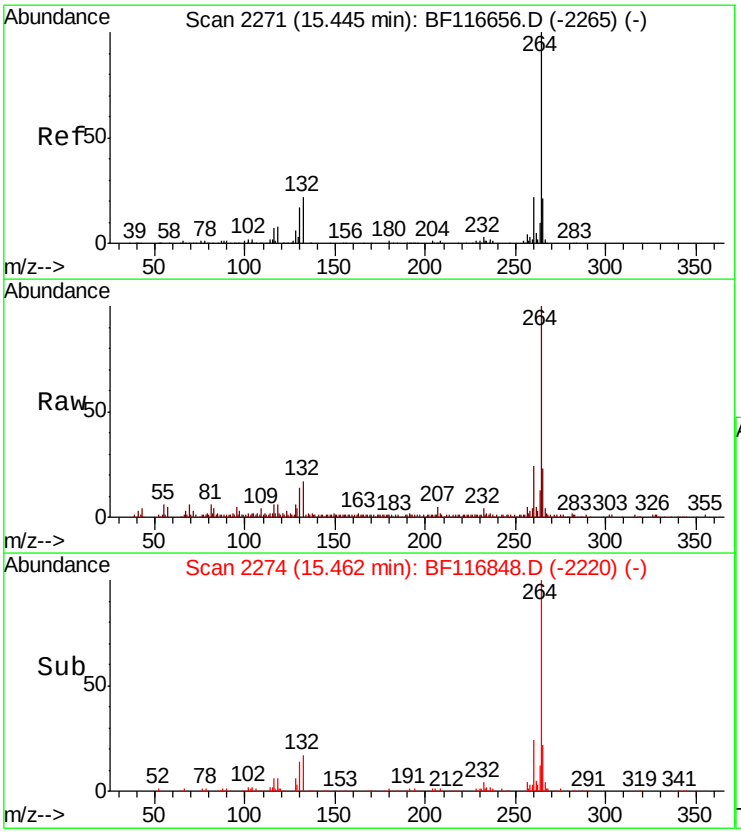
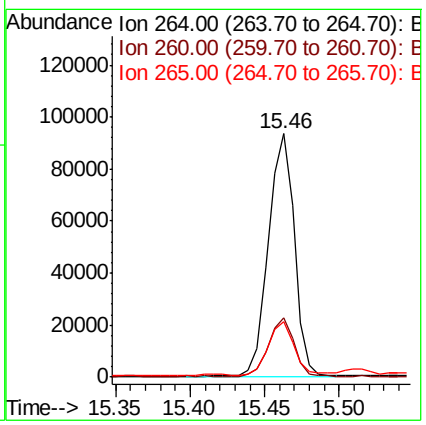
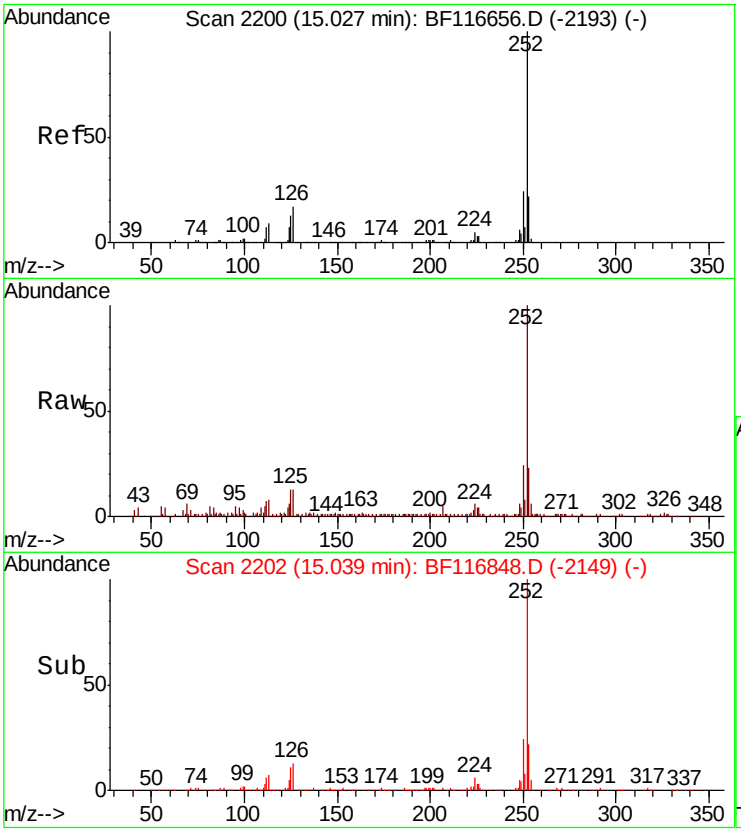


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. 0.02 min
Lab File: BF116848.D
Acq: 5 Sep 2019 19:48

Tgt Ion:264 Resp: 114356

Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.3	27.5
265	22.9	16.5	24.7





#88
Benzo(b)fluoranthene
Concen: 22.155 ng m
RT: 15.04 min Scan# 2202
Delta R.T. 0.01 min
Lab File: BF116848.D
Acq: 5 Sep 2019 19:48

Tgt Ion:252 Resp: 153172

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.7	26.5
125	13.0	8.2	12.2#

Instrument :
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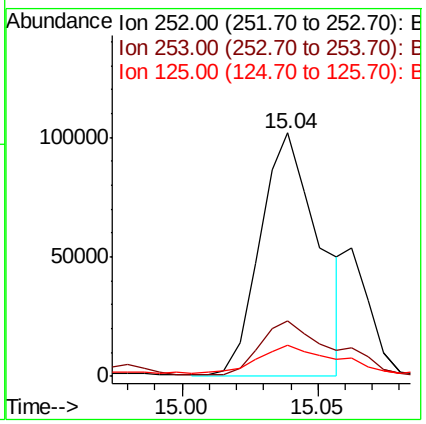
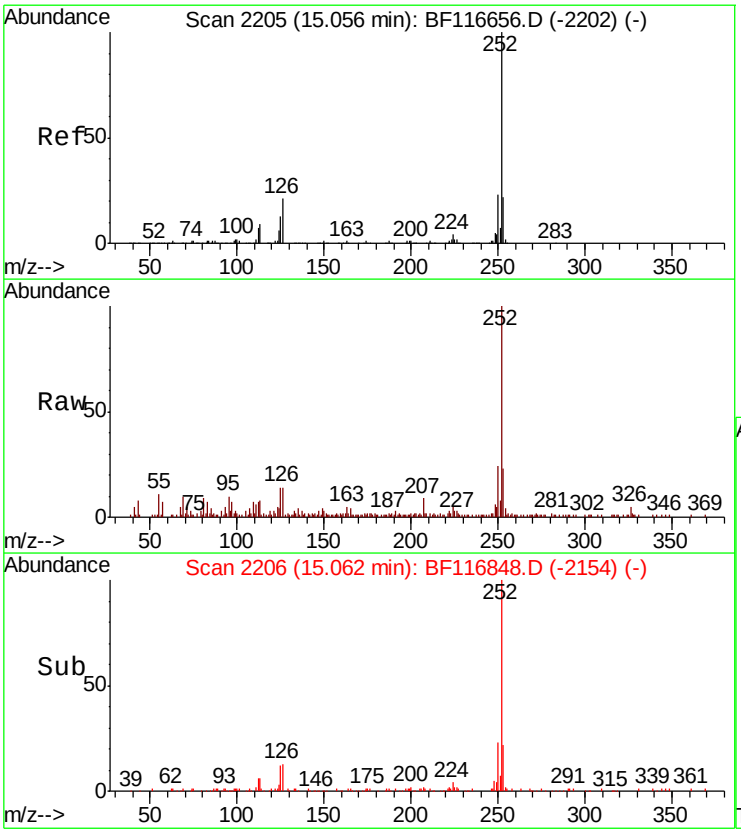
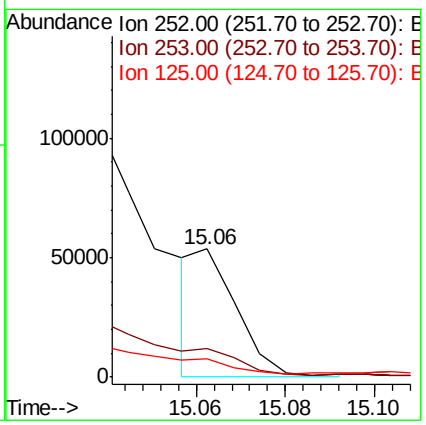


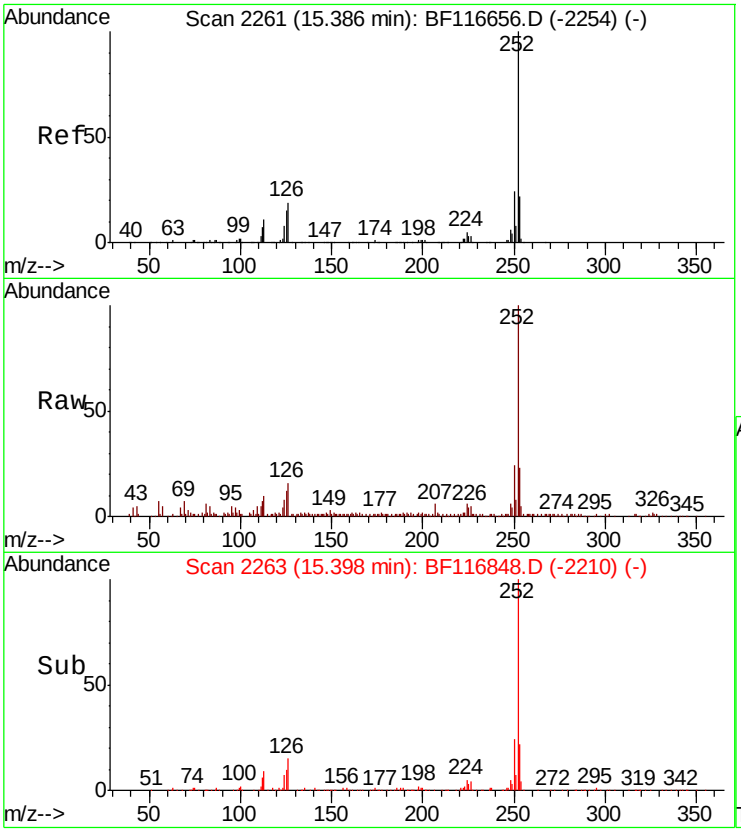


#89
Benzo(k)fluoranthene
Concen: 5.542 ng m
RT: 15.06 min Scan# 2206
Delta R.T. 0.01 min
Lab File: BF116848.D
Acq: 5 Sep 2019 19:48

Tgt Ion:252 Resp: 34933

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.7	26.5
125	14.4	8.6	13.0#

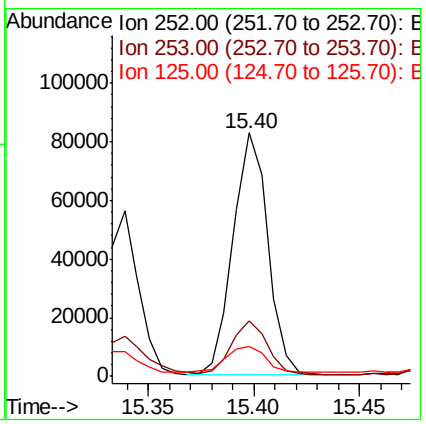




#90
Benzo(a)pyrene
Concen: 15.707 ng
RT: 15.40 min Scan# 2263
Delta R.T. 0.01 min
Lab File: BF116848.D
Acq: 5 Sep 2019 19:48

Tgt Ion:252 Resp: 94479

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.1	27.1
125	12.0	9.8	14.8



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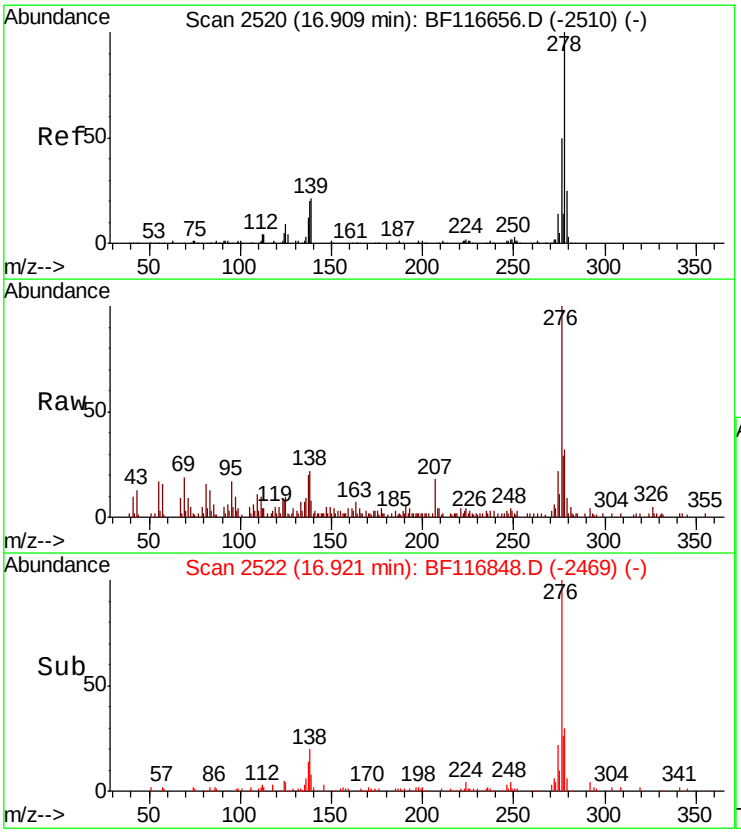
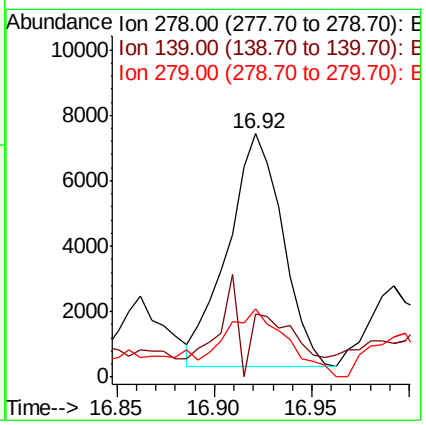
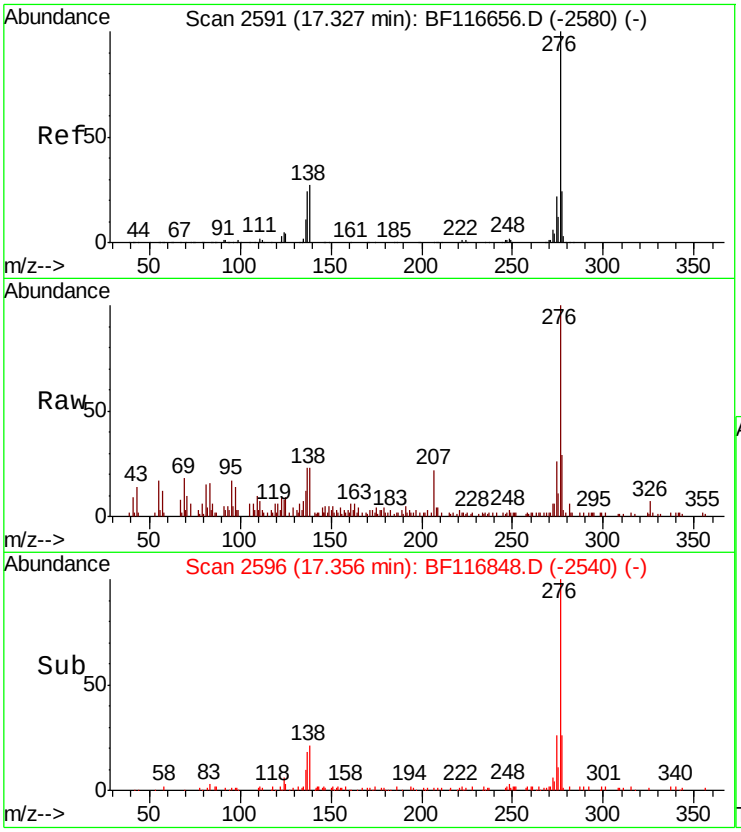


#91
Dibenzo(a,h)anthracene
Concen: 2.640 ng
RT: 16.92 min Scan# 2522
Delta R.T. 0.01 min
Lab File: BF116848.D
Acq: 5 Sep 2019 19:48

Tgt Ion:278 Resp: 13902

Ion	Ratio	Lower	Upper
278	100		
139	26.1	12.4	18.6#
279	28.0	18.2	27.4#

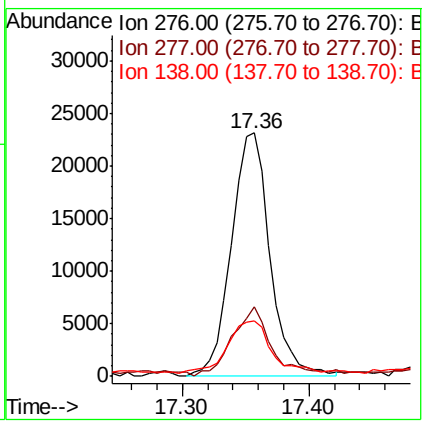




#92
Benzo(g,h,i)perylene
Concen: 9.119 ng
RT: 17.36 min Scan# 2596
Delta R.T. 0.03 min
Lab File: BF116848.D
Acq: 5 Sep 2019 19:48

Tgt Ion:276 Resp: 48964

Ion	Ratio	Lower	Upper
276	100		
277	28.6	18.5	27.7#
138	22.8	16.2	24.2



Instrument :
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ClientSampleId :
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