Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122619\
Data File : BF118313.D
Acq On : 26 Dec 2019 13:40
Operator : JU
Sample : K6417-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 27 04:30:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 24 15:58:52 2019
Response via : Initial Calibration

Instrument : BNA_F
ClientSampleId : TP-1

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	110487	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	441155	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	241541	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	459813	20.00	ng	0.00
76) Chrysene-d12	14.04	240	299710	20.00	ng	-0.01
87) Perylene-d12	15.53	264	315819	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	662228	102.31	ng	0.00
7) Phenol-d6	6.48	99	850544	105.93	ng	0.00
23) Nitrobenzene-d5	7.42	82	506520	65.67	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	295134	98.94	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1056885	66.79	ng	0.00
79) Terphenyl-d14	12.98	244	1253985	69.41	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.49	94	32955	3.652	ng	94
50) Dimethylphthalate	9.61	163	57961	3.197	ng	99
71) Phenanthrene	11.41	178	75862	3.026	ng	100
75) Fluoranthene	12.61	202	129592	5.123	ng	98
78) Pyrene	12.84	202	122625	5.010	ng	98
81) Benzo(a)anthracene	14.03	228	57879	2.759	ng	98
83) Chrysene	14.07	228	65171	3.244	ng	96
88) Benzo(b)fluoranthene	15.09	252	66348m	3.165	ng	
90) Benzo(a)pyrene	15.46	252	48038	2.601	ng	# 96
92) Benzo(g,h,i)perylene	17.48	276	34471	2.227	ng	96

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

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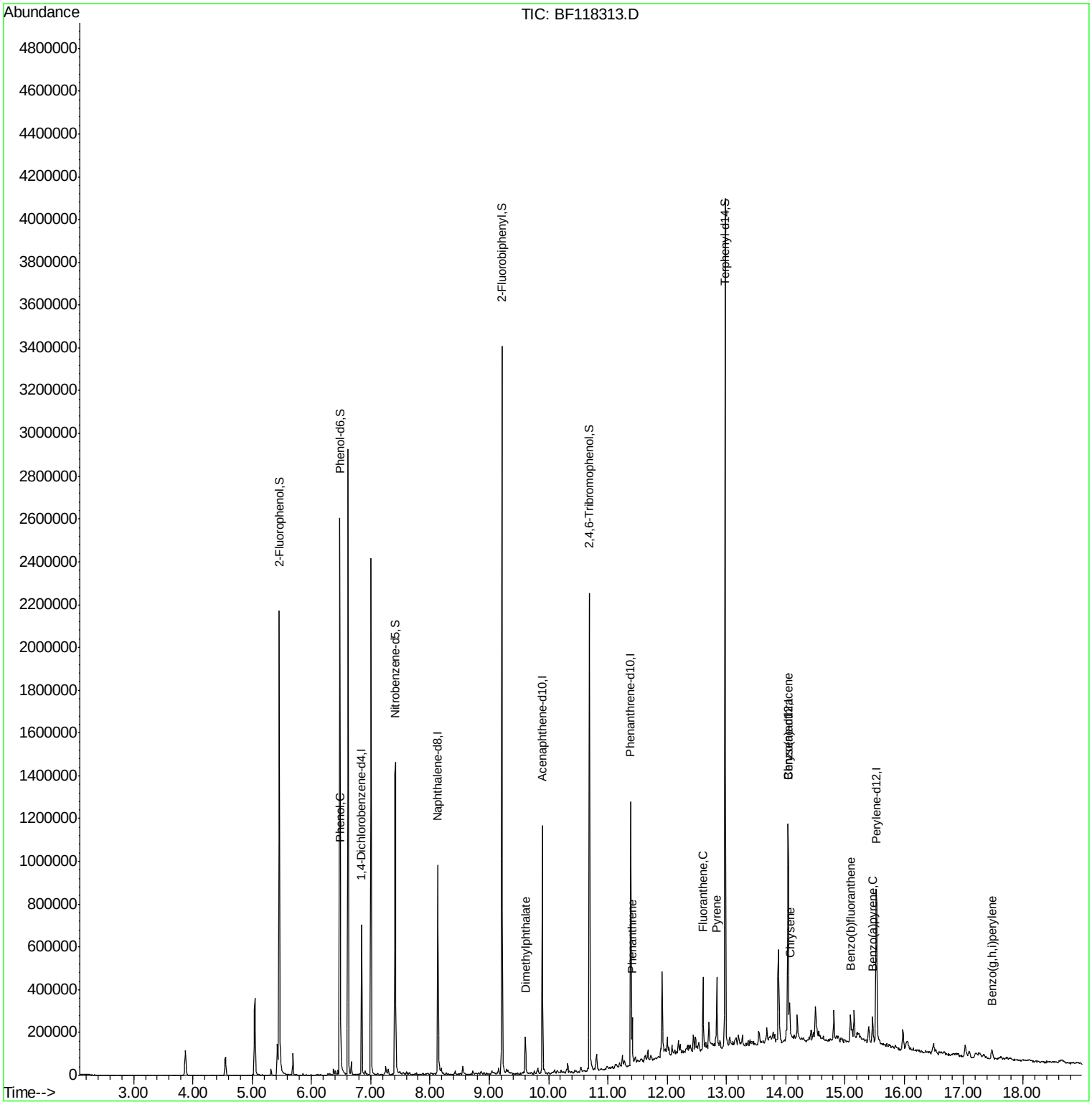
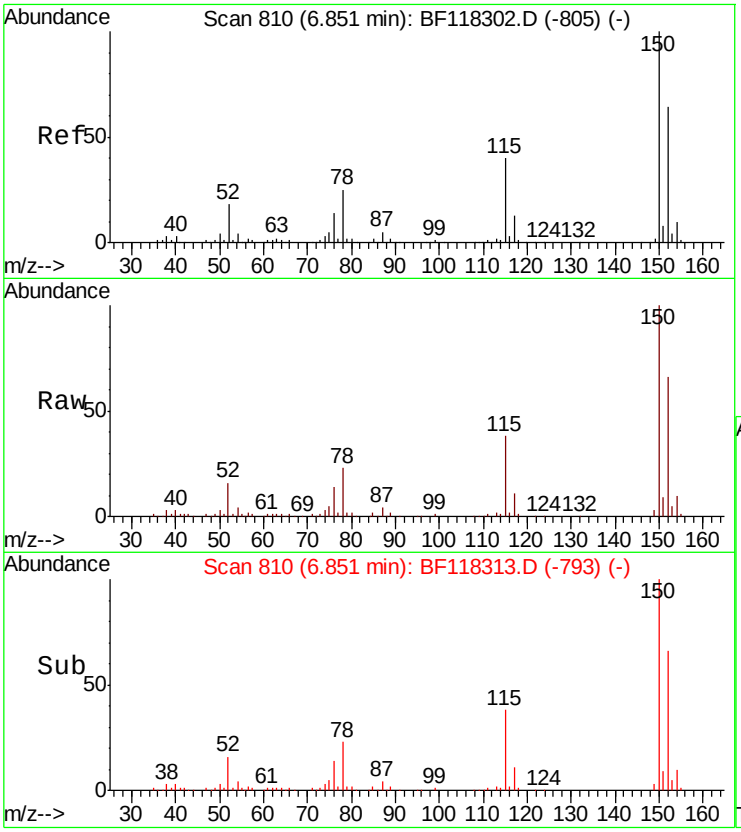
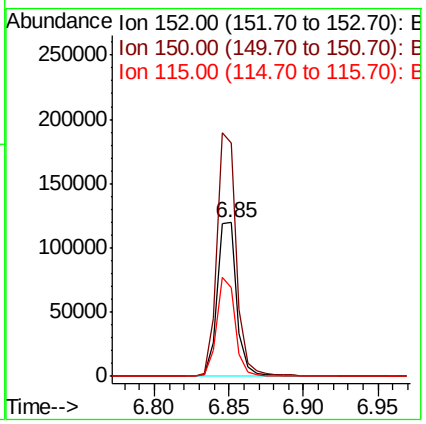




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF118313.D
Acq: 26 Dec 2019 13:40

Tgt Ion:152 Resp: 110487

Ion	Ratio	Lower	Upper
152	100		
150	151.4	125.4	188.2
115	57.4	50.2	75.4



Instrument :
BNA_F
ClientSampleId :
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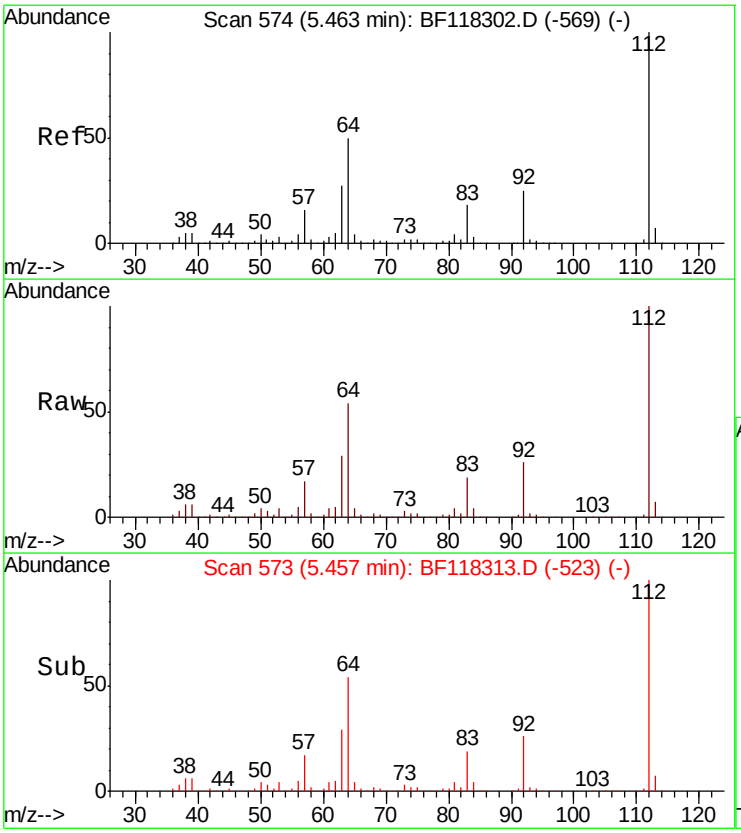
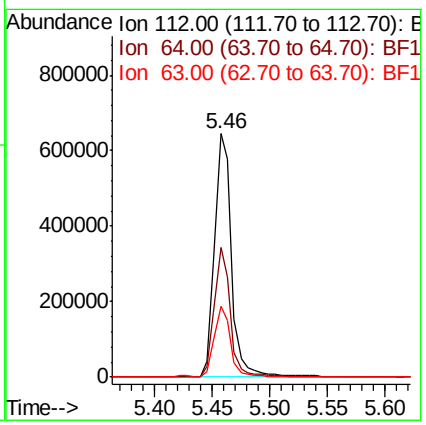
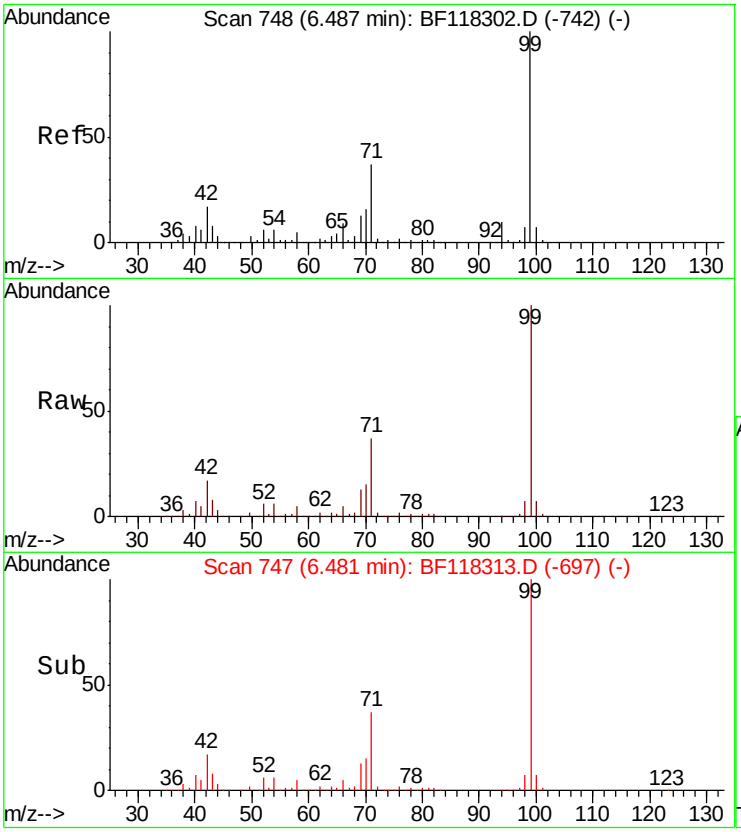


#5
2-Fluorophenol
Concen: 102.312 ng
RT: 5.46 min Scan# 573
Delta R.T. -0.01 min
Lab File: BF118313.D
Acq: 26 Dec 2019 13:40

Tgt Ion:112 Resp: 662228

Ion	Ratio	Lower	Upper
112	100		
64	53.5	39.7	59.5
63	29.2	21.7	32.5

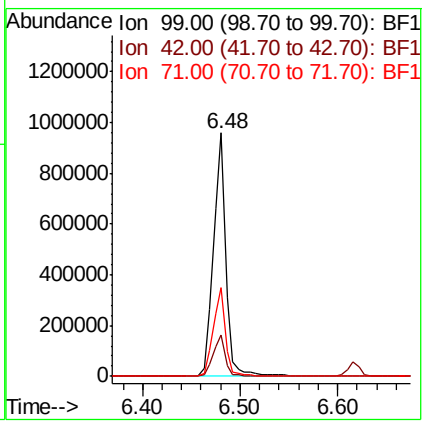




#7
Phenol-d6
Concen: 105.928 ng
RT: 6.48 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF118313.D
Acq: 26 Dec 2019 13:40

Tgt Ion: 99 Resp: 850544

Ion	Ratio	Lower	Upper
99	100		
42	16.9	13.5	20.3
71	36.6	29.4	44.2



Instrument :
BNA_F
ClientSampleId :
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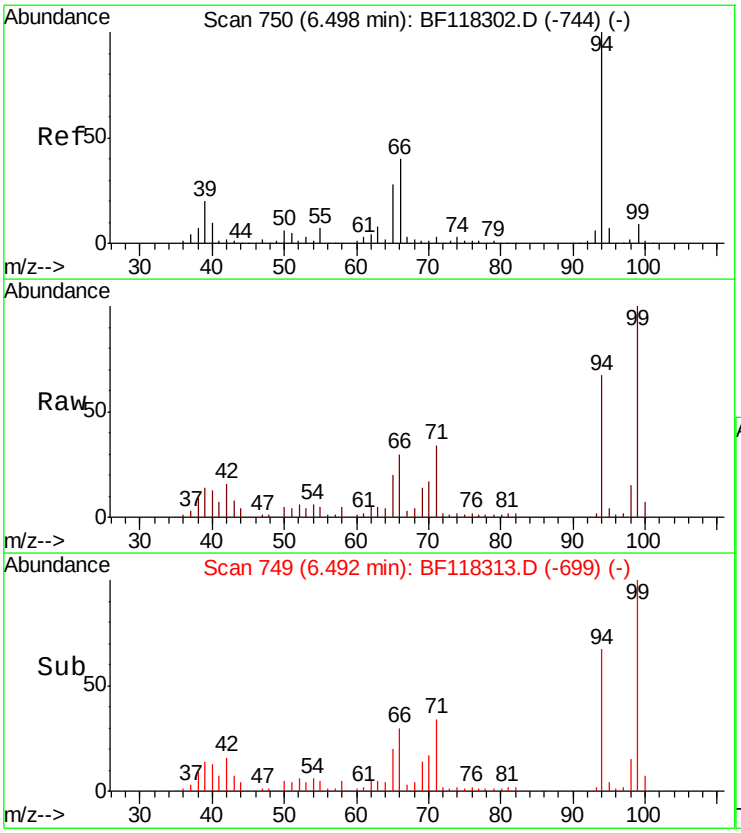
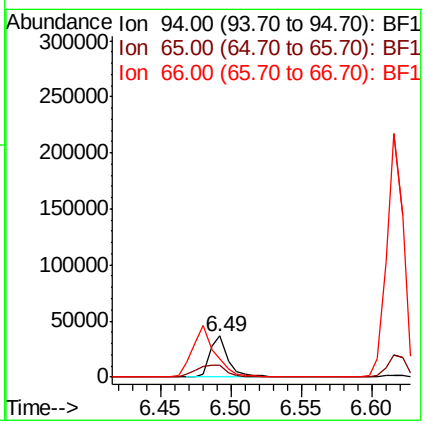
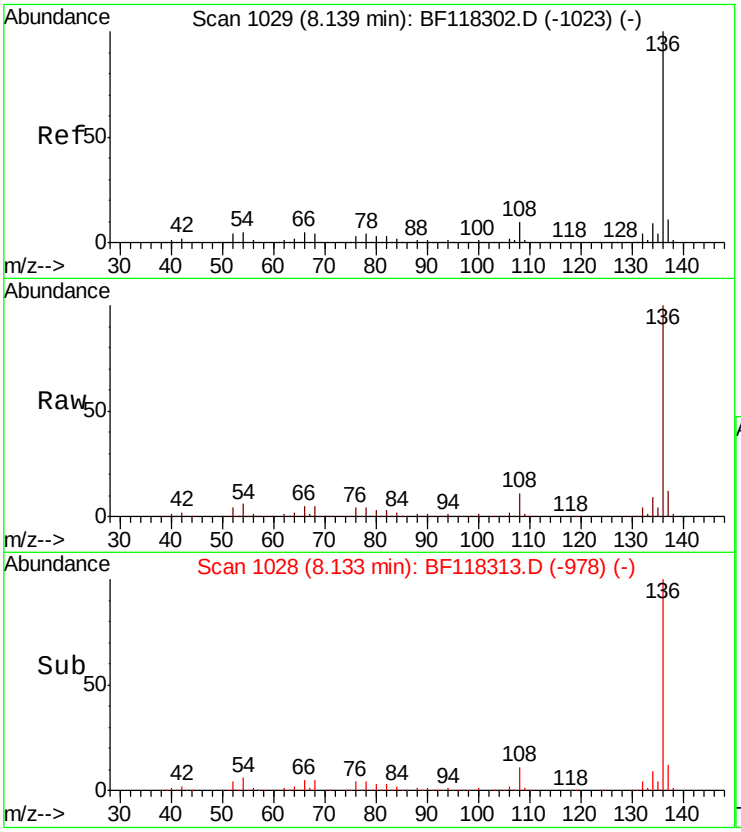


#10
Phenol
Concen: 3.652 ng
RT: 6.49 min Scan# 749
Delta R.T. -0.01 min
Lab File: BF118313.D
Acq: 26 Dec 2019 13:40

Tgt Ion: 94 Resp: 32955

Ion	Ratio	Lower	Upper
94	100		
65	29.6	7.8	47.8
66	45.2	20.4	60.4

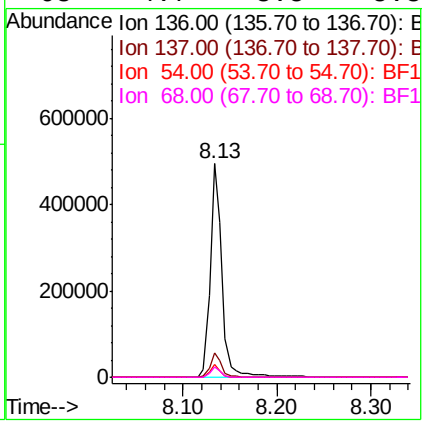




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF118313.D
Acq: 26 Dec 2019 13:40

Tgt Ion:136 Resp: 441155

Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.9	13.3
54	5.9	4.2	6.4
68	4.7	3.5	5.3



Instrument :
BNA_F
ClientSampleId :
TP-1

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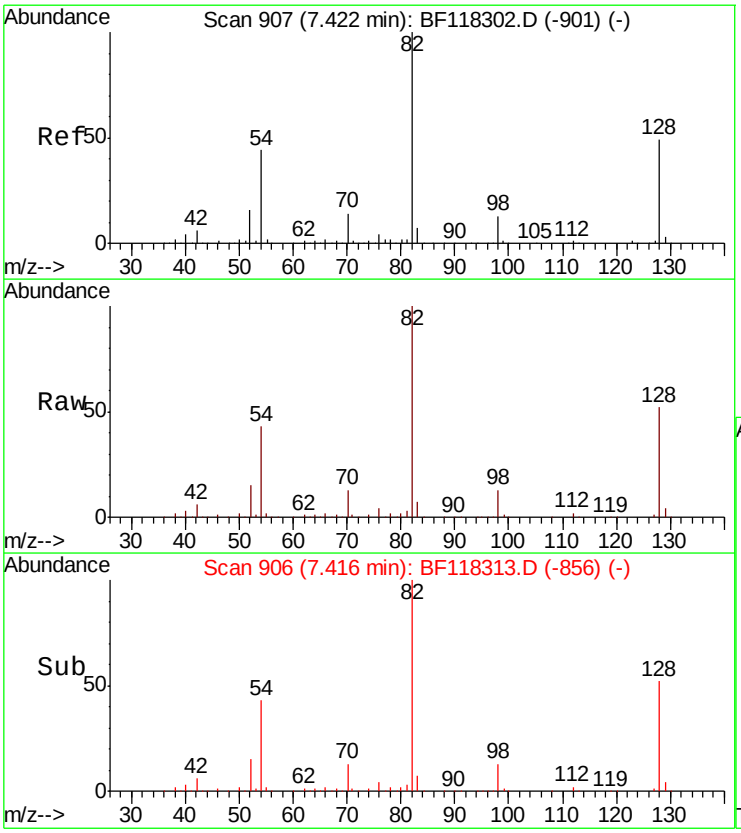
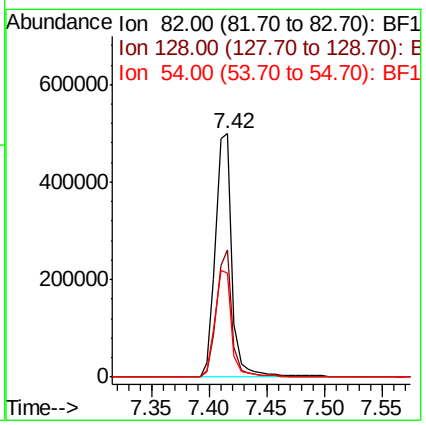
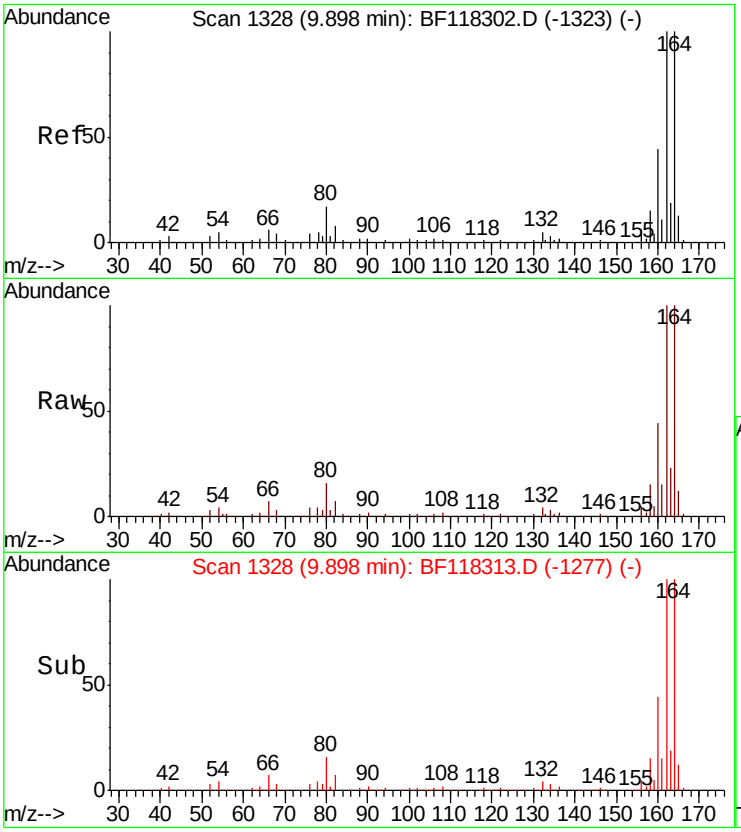


#23
Nitrobenzene-d5
Concen: 65.669 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF118313.D
Acq: 26 Dec 2019 13:40

Tgt Ion: 82 Resp: 506520

Ion	Ratio	Lower	Upper
82	100		
128	52.3	39.6	59.4
54	42.9	34.9	52.3

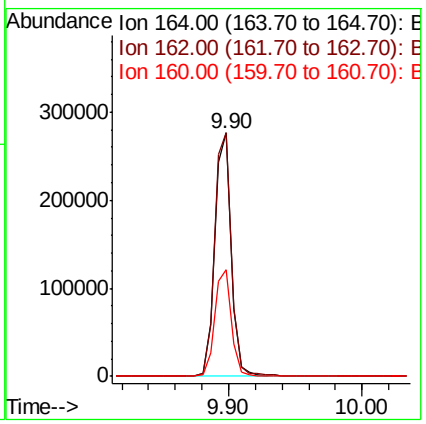




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.00 min
Lab File: BF118313.D
Acq: 26 Dec 2019 13:40

Tgt Ion:164 Resp: 241541

Ion	Ratio	Lower	Upper
164	100		
162	99.9	80.0	120.0
160	43.6	34.8	52.2



Instrument :
BNA_F
ClientSampleId :
TP-1

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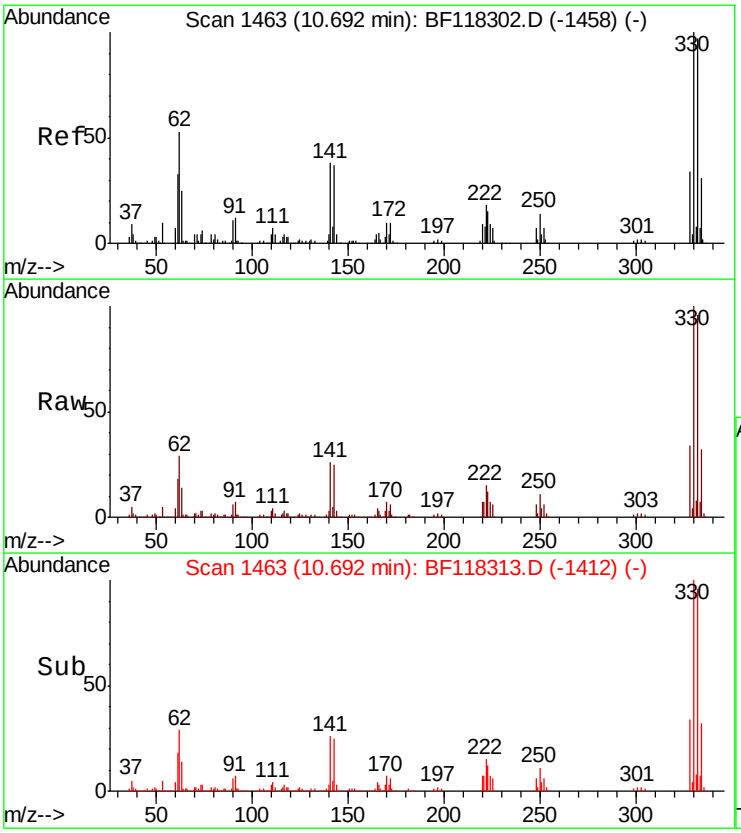
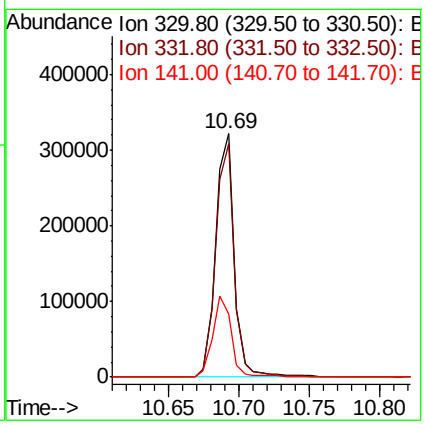
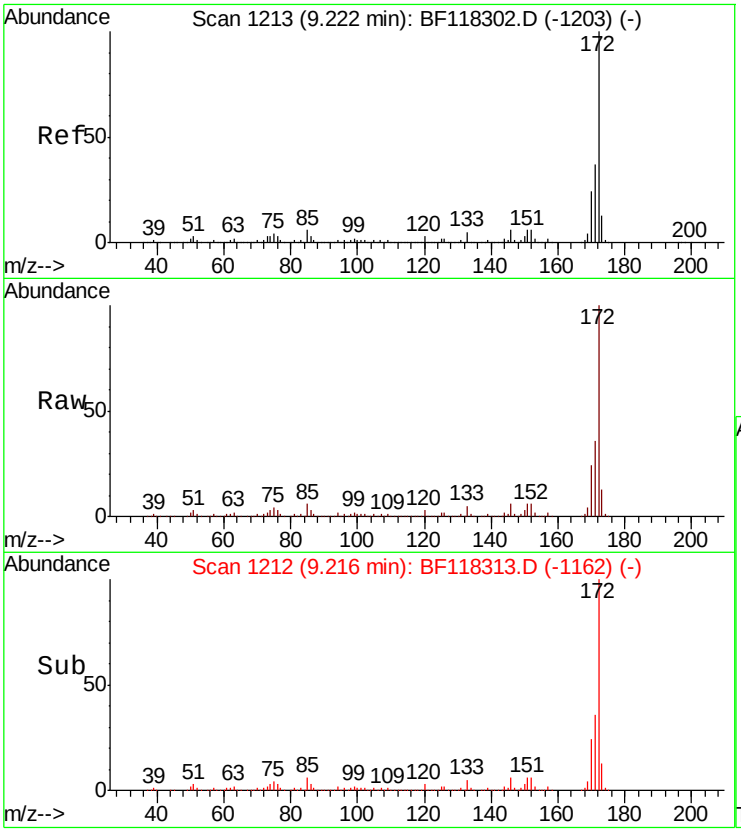


#42
2,4,6-Tribromophenol
Concen: 98.943 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.00 min
Lab File: BF118313.D
Acq: 26 Dec 2019 13:40

Tgt Ion:330 Resp: 295134

Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.6	114.8
141	33.8	26.0	39.0

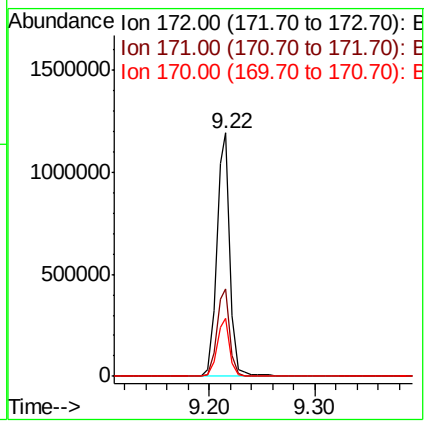




#45
2-Fluorobiphenyl
Concen: 66.792 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF118313.D
Acq: 26 Dec 2019 13:40

Tgt Ion:172 Resp: 1056885

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.3	43.9
170	23.7	19.2	28.8



Instrument :
BNA_F
ClientSampleId :
TP-1

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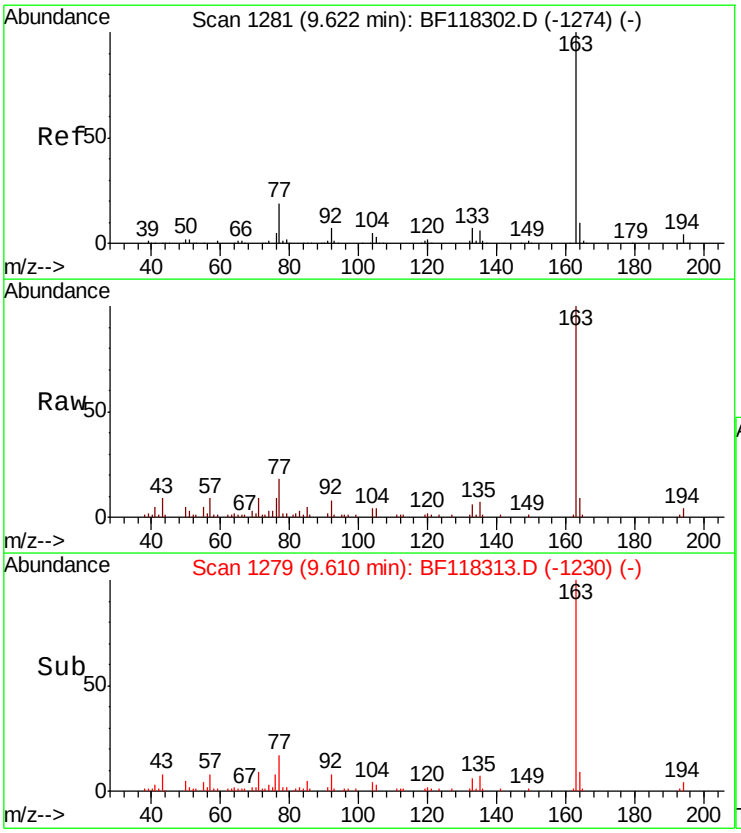
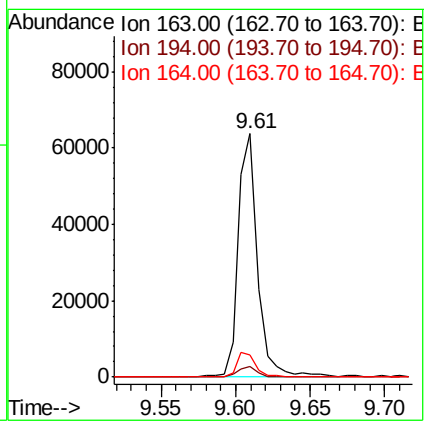
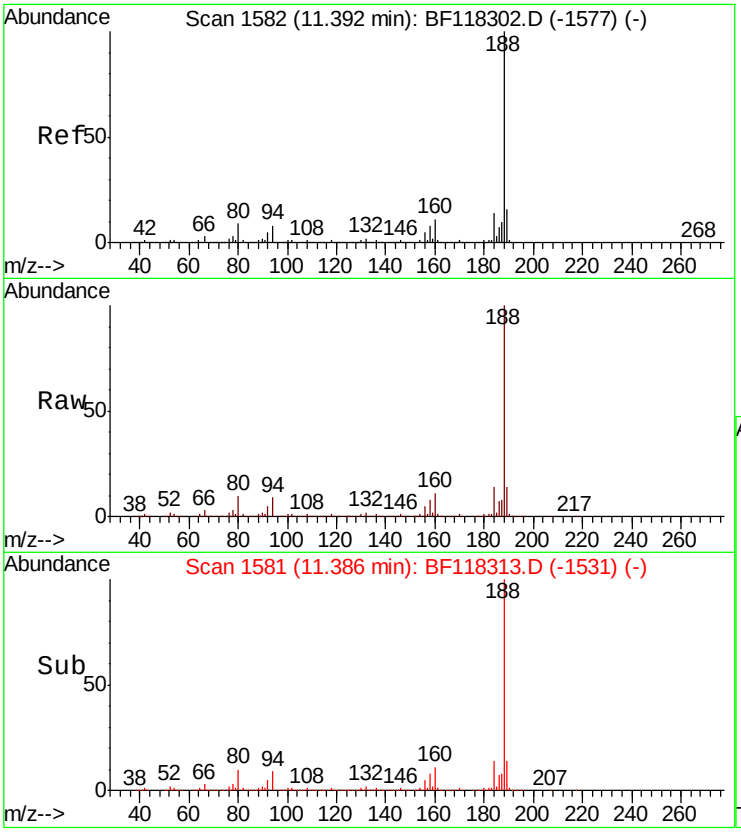


#50
Dimethylphthalate
Concen: 3.197 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF118313.D
Acq: 26 Dec 2019 13:40

Tgt Ion:163 Resp: 57961

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.2	4.8
164	9.3	7.9	11.9

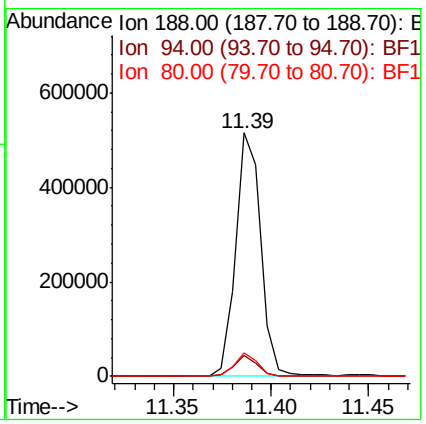




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF118313.D
Acq: 26 Dec 2019 13:40

Tgt Ion:188 Resp: 459813

Ion	Ratio	Lower	Upper
188	100		
94	8.6	6.7	10.1
80	9.6	7.2	10.8



Instrument :
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ClientSampleId :
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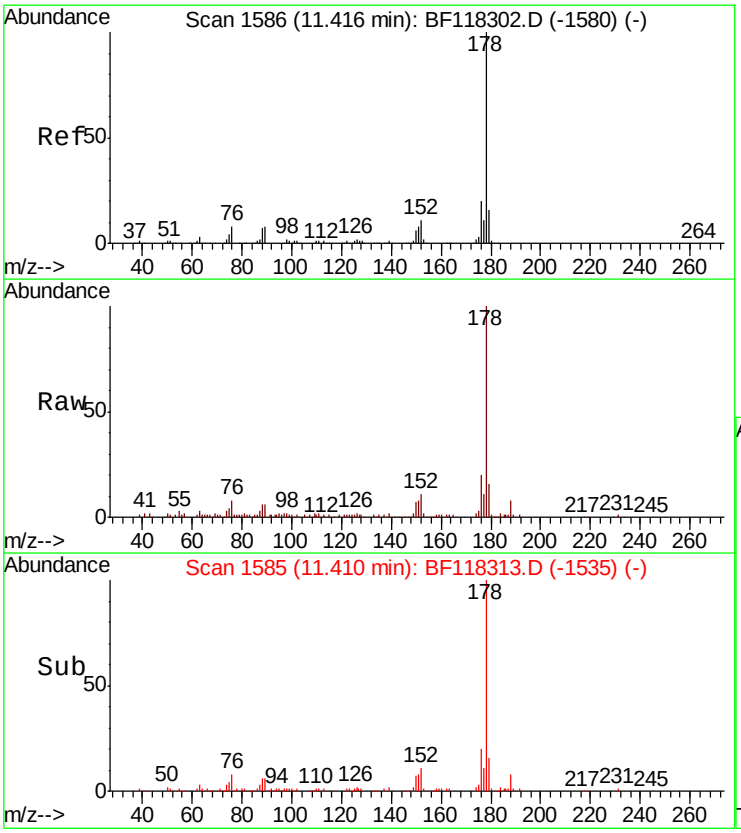
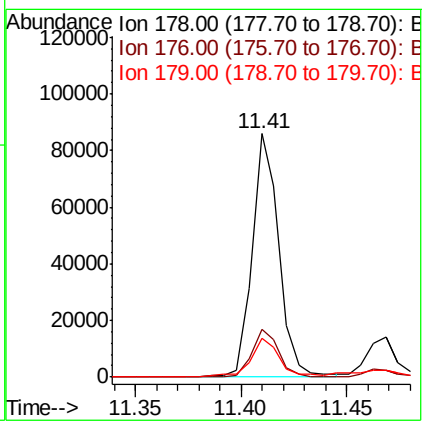
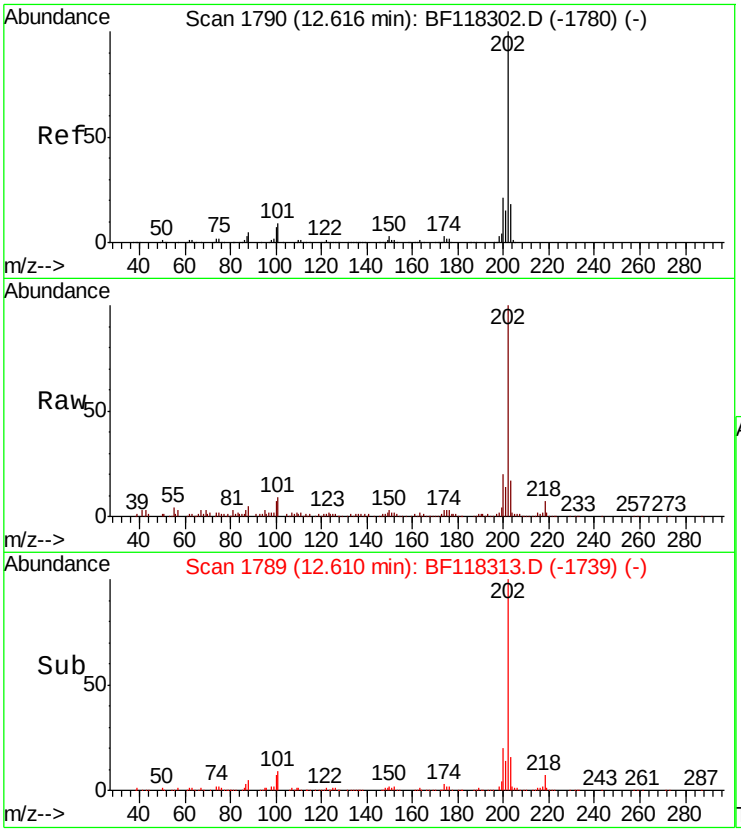


#71
Phenanthrene
Concen: 3.026 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF118313.D
Acq: 26 Dec 2019 13:40

Tgt Ion:178 Resp: 75862

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.6	23.4
179	16.0	12.6	19.0

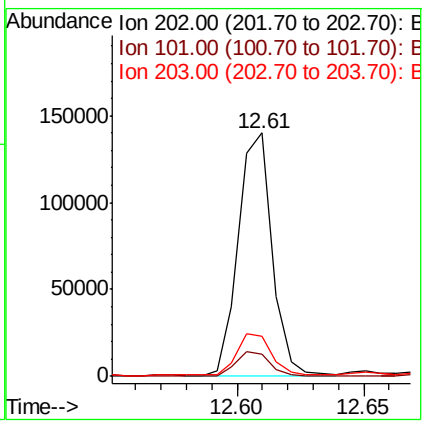




#75
Fluoranthene
Concen: 5.123 ng
RT: 12.61 min Scan# 1789
Delta R.T. -0.01 min
Lab File: BF118313.D
Acq: 26 Dec 2019 13:40

Tgt Ion:202 Resp: 129592

Ion	Ratio	Lower	Upper
202	100		
101	9.2	0.0	29.5
203	16.5	0.0	37.6



Instrument :
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ClientSampleId :
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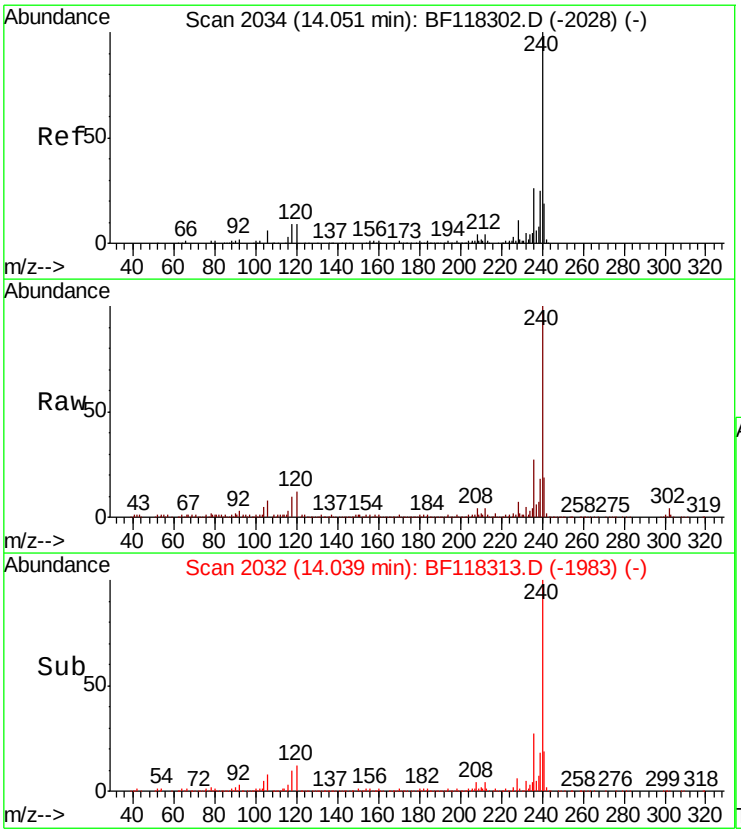
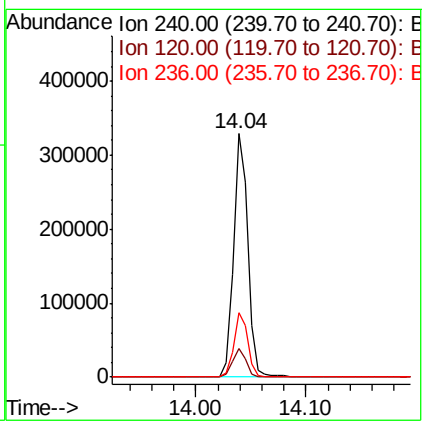
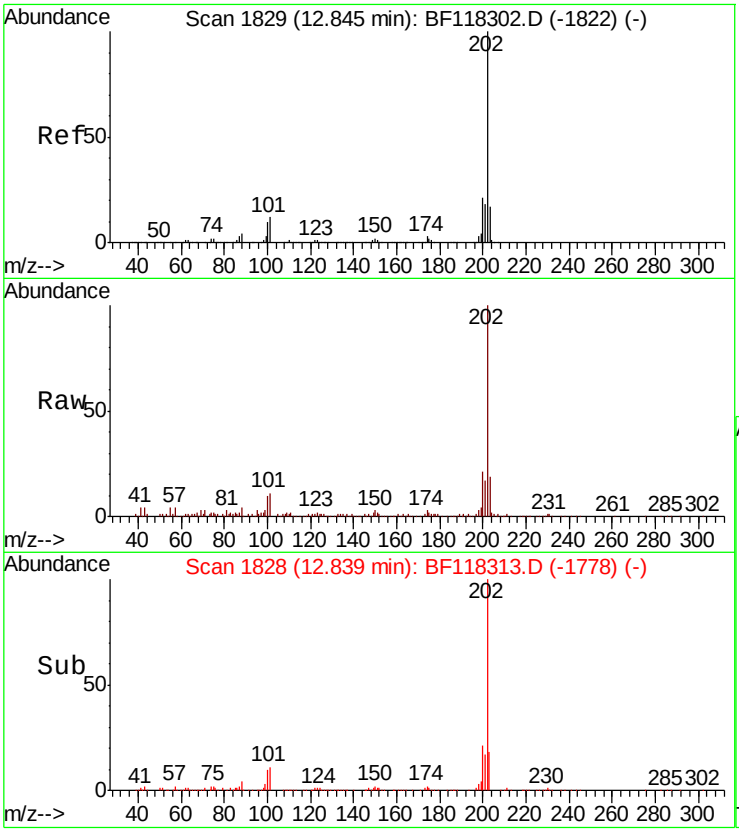


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF118313.D
Acq: 26 Dec 2019 13:40

Tgt Ion:240 Resp: 299710

Ion	Ratio	Lower	Upper
240	100		
120	11.7	7.1	10.7#
236	26.5	21.0	31.6

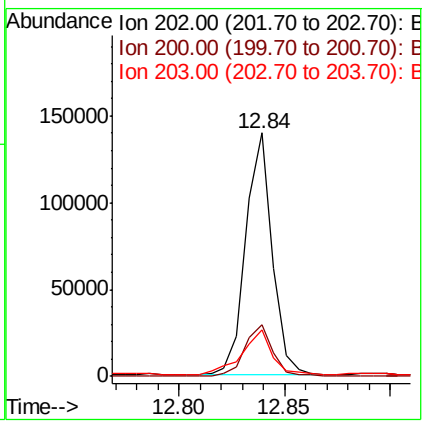




#78
Pyrene
Concen: 5.010 ng
RT: 12.84 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BF118313.D
Acq: 26 Dec 2019 13:40

Tgt Ion:202 Resp: 122625

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.8	25.2
203	18.9	13.9	20.9



Instrument :
BNA_F
ClientSampleId :
TP-1

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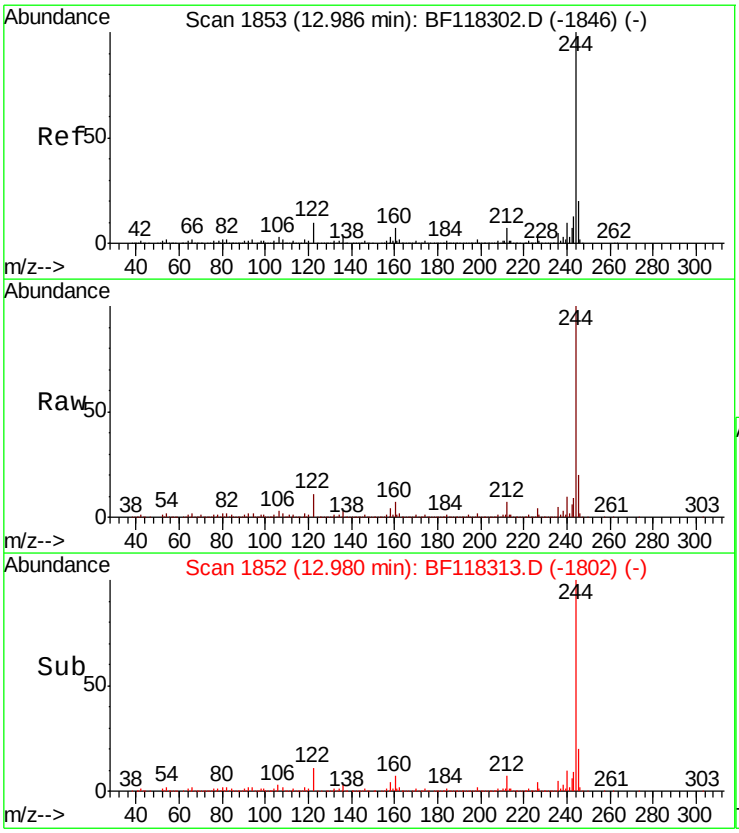
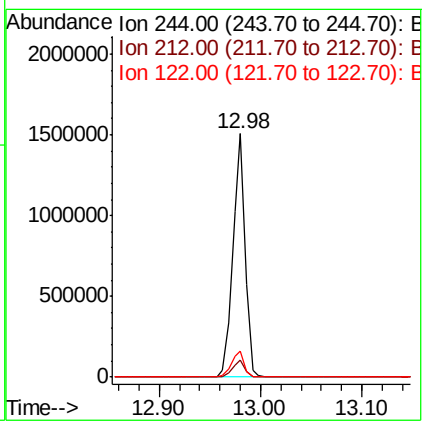
12/27/2019 3:19:03 PM

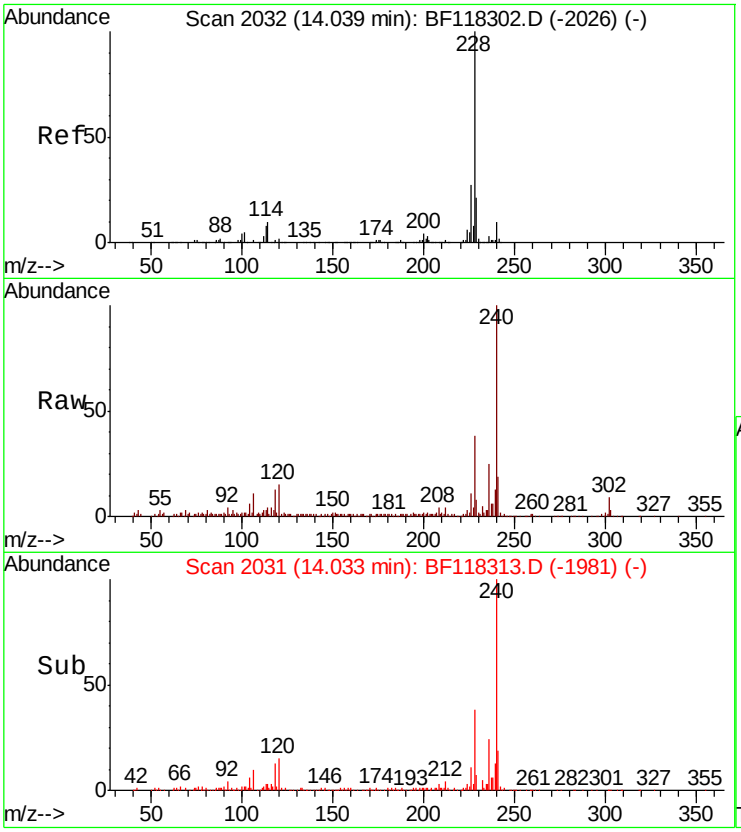


#79
Terphenyl-d14
Concen: 69.414 ng
RT: 12.98 min Scan# 1852
Delta R.T. -0.01 min
Lab File: BF118313.D
Acq: 26 Dec 2019 13:40

Tgt Ion:244 Resp: 1253985

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.2
122	10.6	7.8	11.8

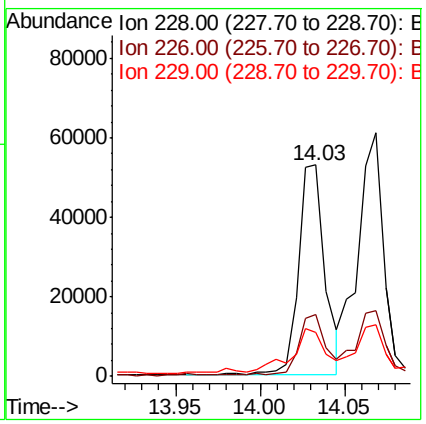




#81
Benzo(a)anthracene
Concen: 2.759 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF118313.D
Acq: 26 Dec 2019 13:40

Tgt Ion:228 Resp: 57879

Ion	Ratio	Lower	Upper
228	100		
226	29.3	22.0	33.0
229	20.6	16.6	24.8



Instrument :
BNA_F
ClientSampleId :
TP-1

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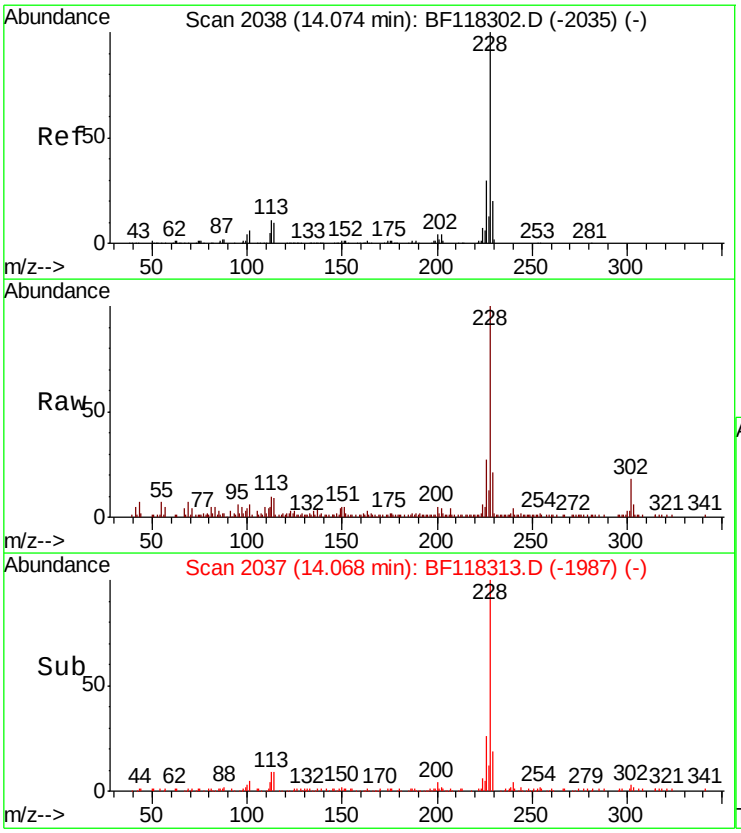
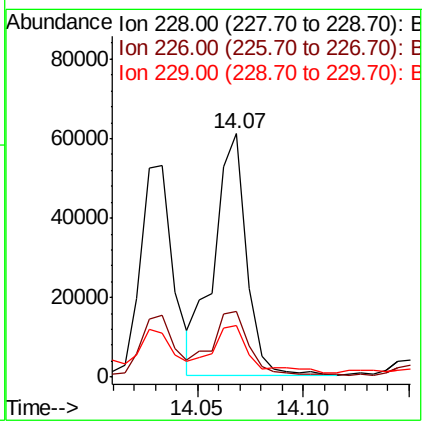
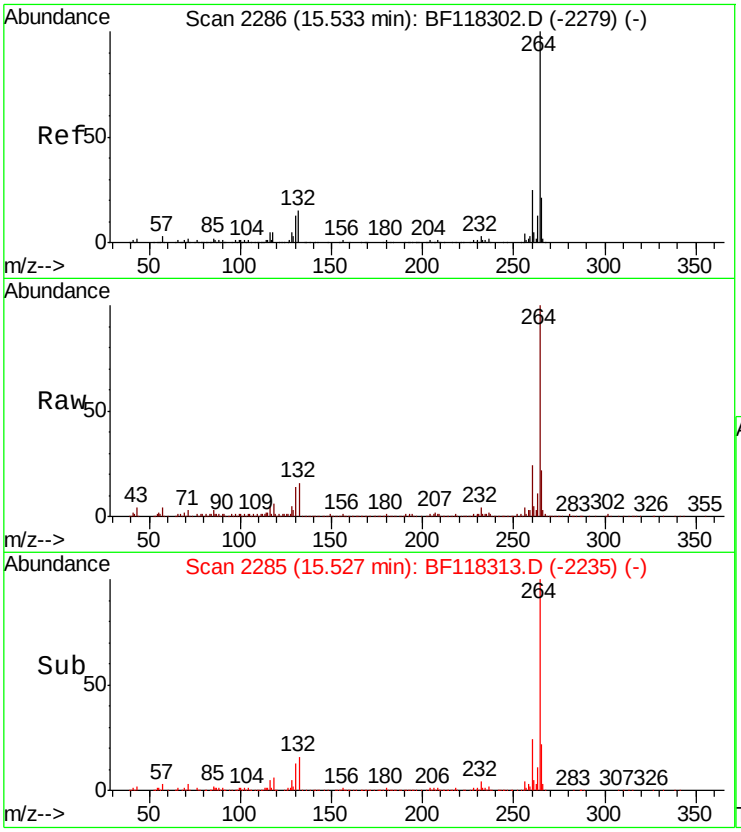


#83
Chrysene
Concen: 3.244 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BF118313.D
Acq: 26 Dec 2019 13:40

Tgt Ion:228 Resp: 65171

Ion	Ratio	Lower	Upper
228	100		
226	27.2	23.9	35.9
229	21.0	16.1	24.1

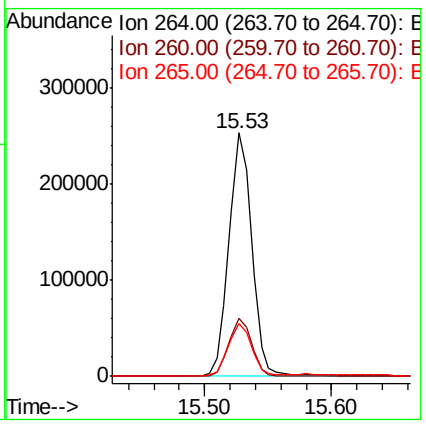




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2285
Delta R.T. -0.01 min
Lab File: BF118313.D
Acq: 26 Dec 2019 13:40

Tgt Ion:264 Resp: 315819

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.8	29.6
265	21.5	17.0	25.4



Instrument :
BNA_F
ClientSampleId :
TP-1

Manual Integrations APPROVED
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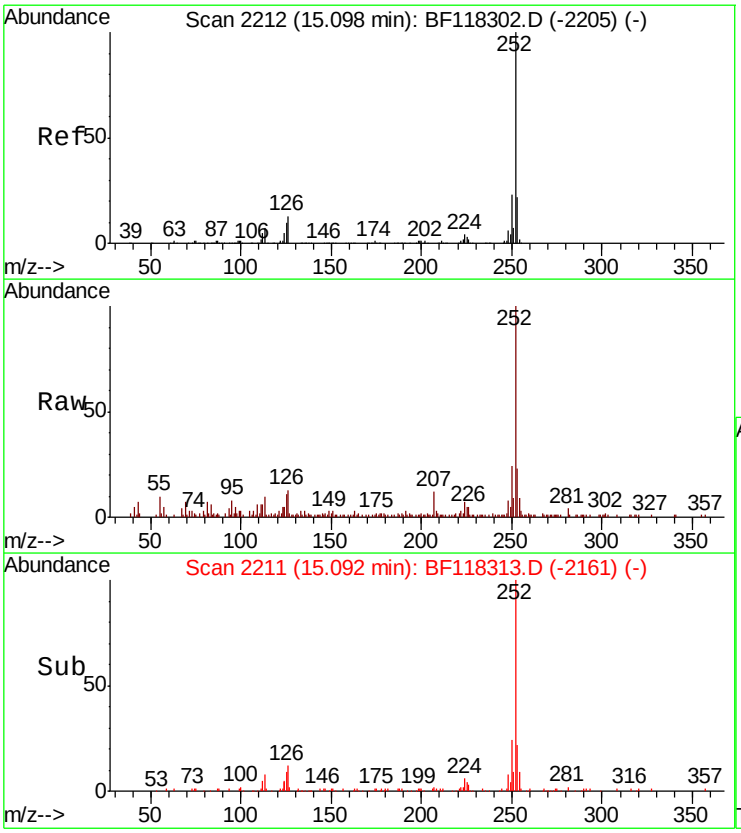
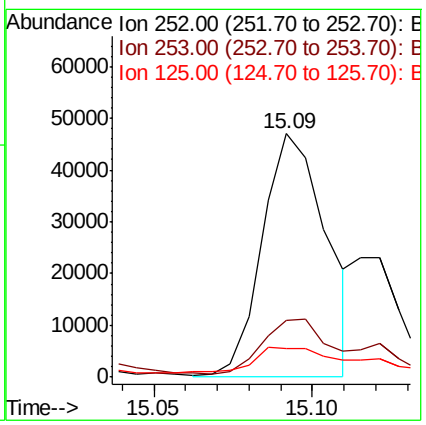
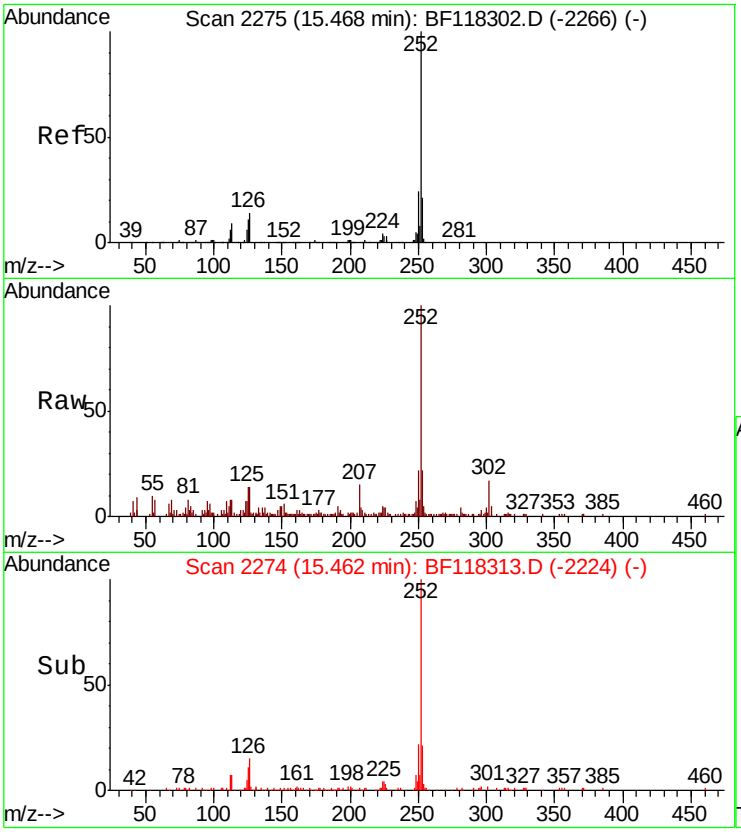


#88
Benzo(b)fluoranthene
Concen: 3.165 ng m
RT: 15.09 min Scan# 2211
Delta R.T. -0.01 min
Lab File: BF118313.D
Acq: 26 Dec 2019 13:40

Tgt Ion:252 Resp: 66348

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.5	26.3
125	11.5	7.7	11.5

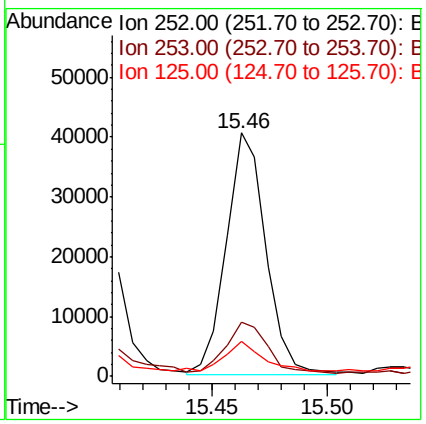




#90
Benzo(a)pyrene
Concen: 2.601 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BF118313.D
Acq: 26 Dec 2019 13:40

Tgt Ion:252 Resp: 48038

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.0	25.6
125	14.2	9.0	13.4#



Instrument :
BNA_F
ClientSampleId :
TP-1

Manual Integrations APPROVED
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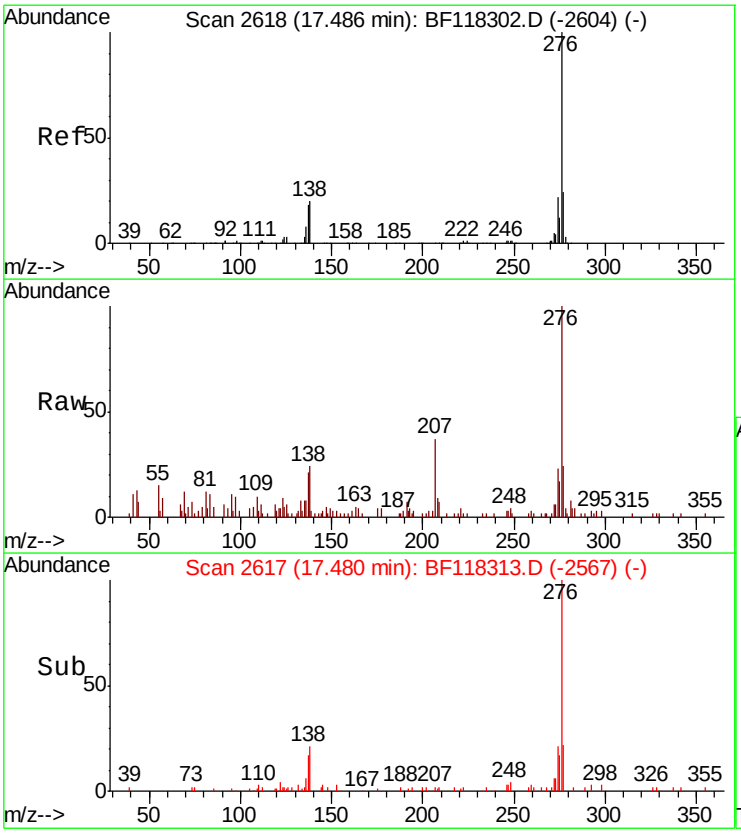

#92
Benzo(g,h,i)perylene
Concen: 2.227 ng
RT: 17.48 min Scan# 2617
Delta R.T. -0.01 min
Lab File: BF118313.D
Acq: 26 Dec 2019 13:40

Tgt Ion:276 Resp: 34471

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.1	28.7
138	23.7	16.1	24.1