Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF123019\
Data File : BF118391.D
Acq On : 30 Dec 2019 20:01
Operator : JU
Sample : K6455-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K435-WC-1

Manual Integrations APPROVED
mohammad
12/31/2019 12:04:29 PM

Quant Time: Dec 31 02:37:24 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	138346	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	538890	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	282014	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	487132	20.00	ng	0.00
76) Chrysene-d12	14.05	240	286985	20.00	ng	0.00
87) Perylene-d12	15.54	264	325816	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	835364	103.07	ng	0.01
7) Phenol-d6	6.49	99	1094514	108.86	ng	0.00
23) Nitrobenzene-d5	7.42	82	676289	71.78	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	300996	86.43	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1415844	76.64	ng	0.00
79) Terphenyl-d14	12.99	244	1353560	78.25	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	7.00	79	195542	25.544	ng	98
50) Dimethylphthalate	9.61	163	99048	4.679	ng	98
71) Phenanthrene	11.42	178	157653	5.937	ng	98
75) Fluoranthene	12.62	202	244359	9.118	ng	99
78) Pyrene	12.84	202	241210	10.293	ng	99
81) Benzo(a)anthracene	14.04	228	112202	5.586	ng	97
83) Chrysene	14.07	228	100041	5.201	ng	99
86) Indeno(1,2,3-cd)pyrene	17.06	276	46728	2.851	ng	95
88) Benzo(b)fluoranthene	15.10	252	136948m	6.332	ng	
90) Benzo(a)pyrene	15.48	252	90517	4.751	ng	95
92) Benzo(g,h,i)perylene	17.52	276	43929	2.751	ng	95

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

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Quant Time: Dec 31 02:37:24 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 :
K435-WC-1

Manual Integrations APPROVED
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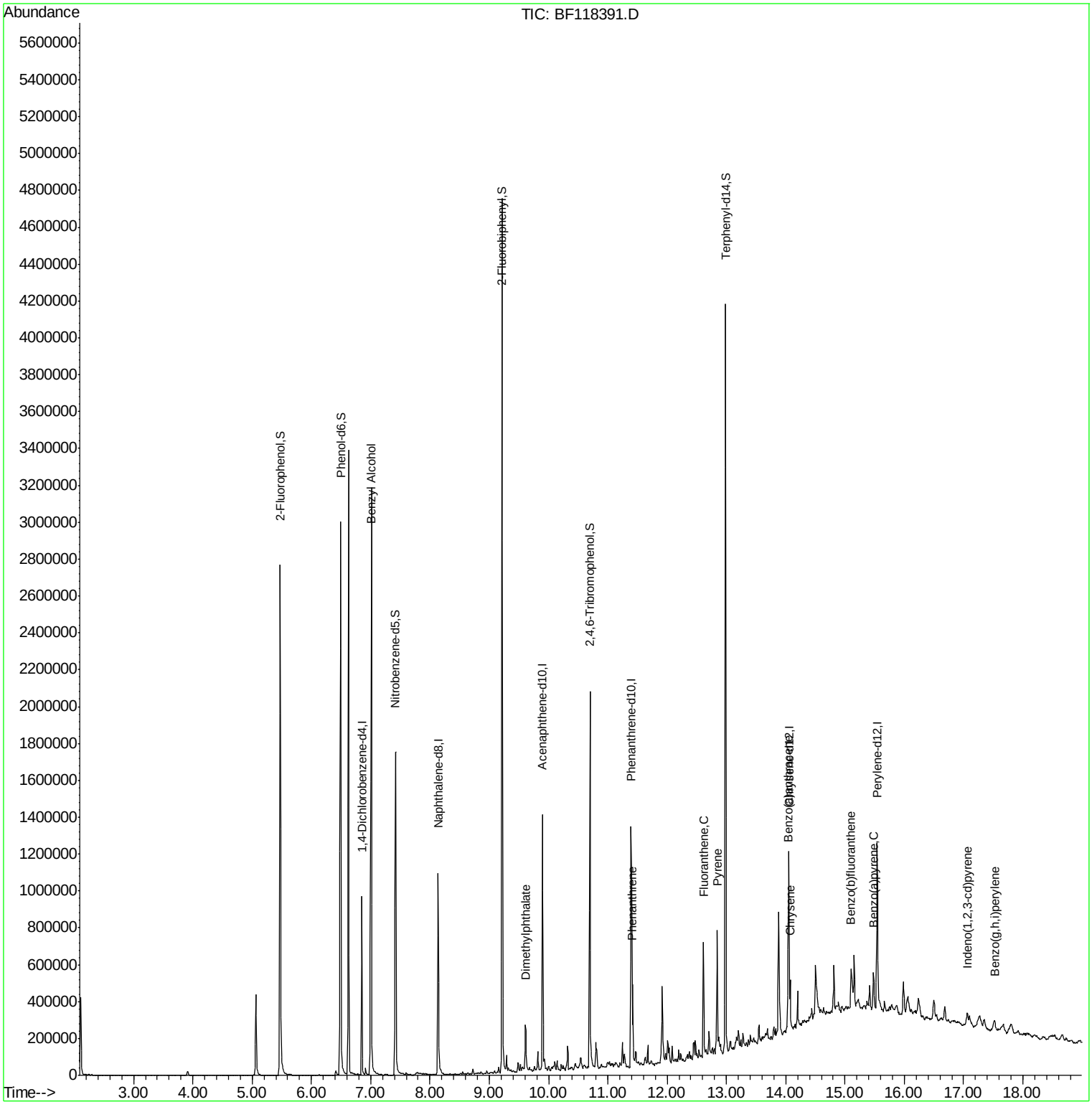
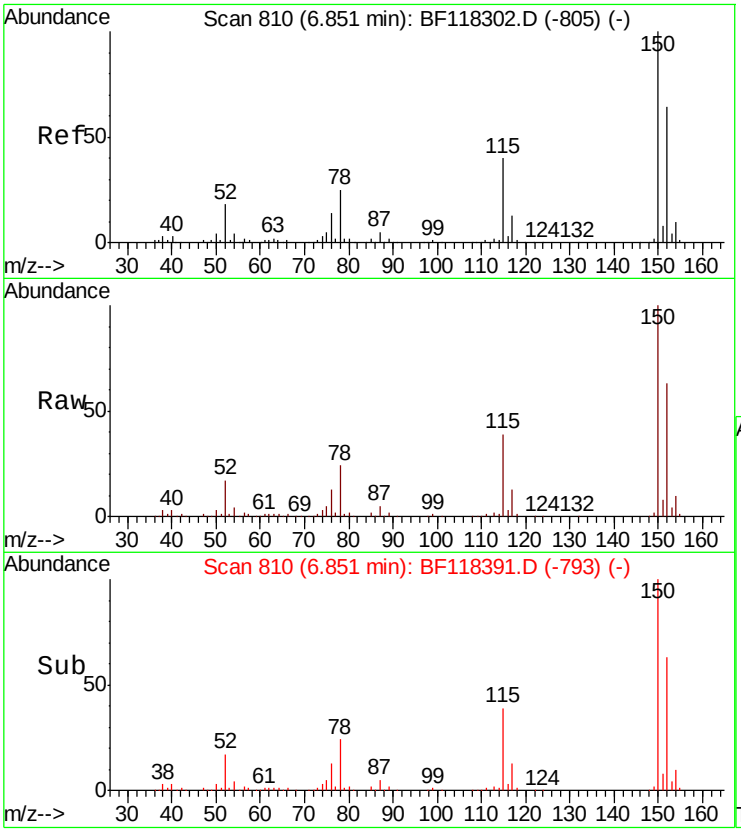
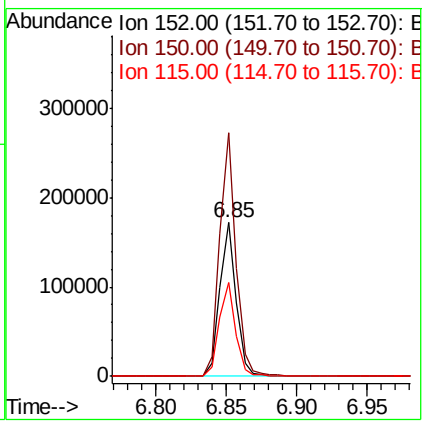




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF118391.D
Acq: 30 Dec 2019 20:01

Tgt Ion:152 Resp: 138346

Ion	Ratio	Lower	Upper
152	100		
150	158.6	125.4	188.2
115	61.3	50.2	75.4



Instrument :
BNA_F
ClientSampleId :
K435-WC-1

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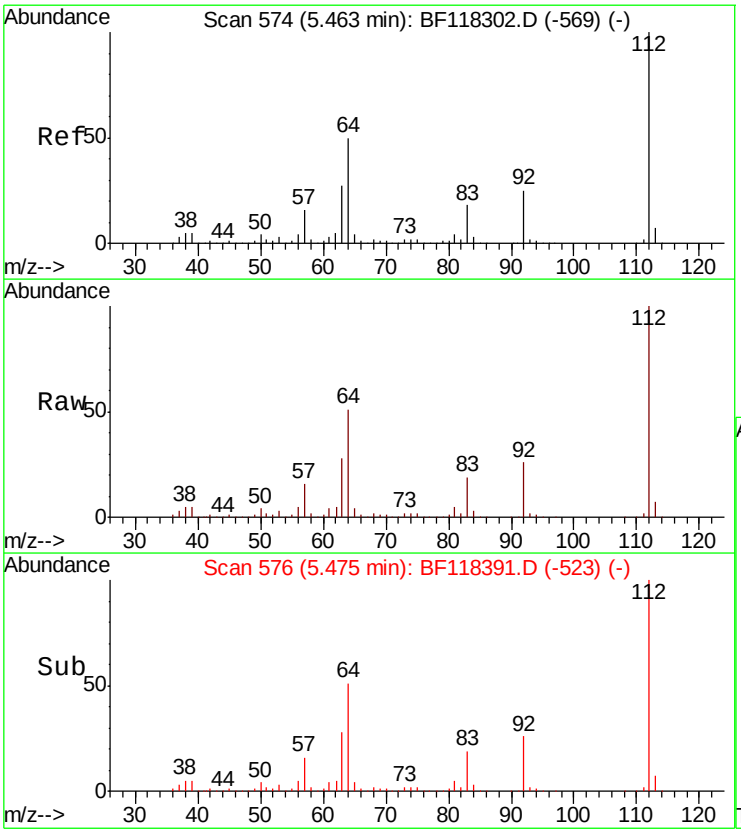
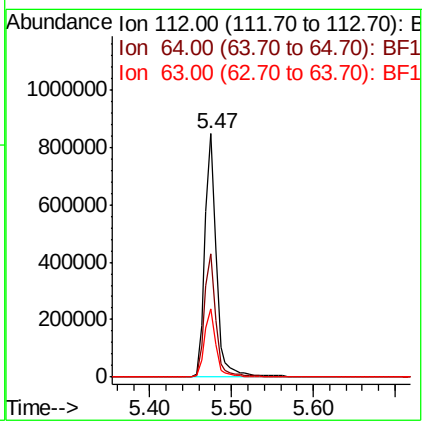
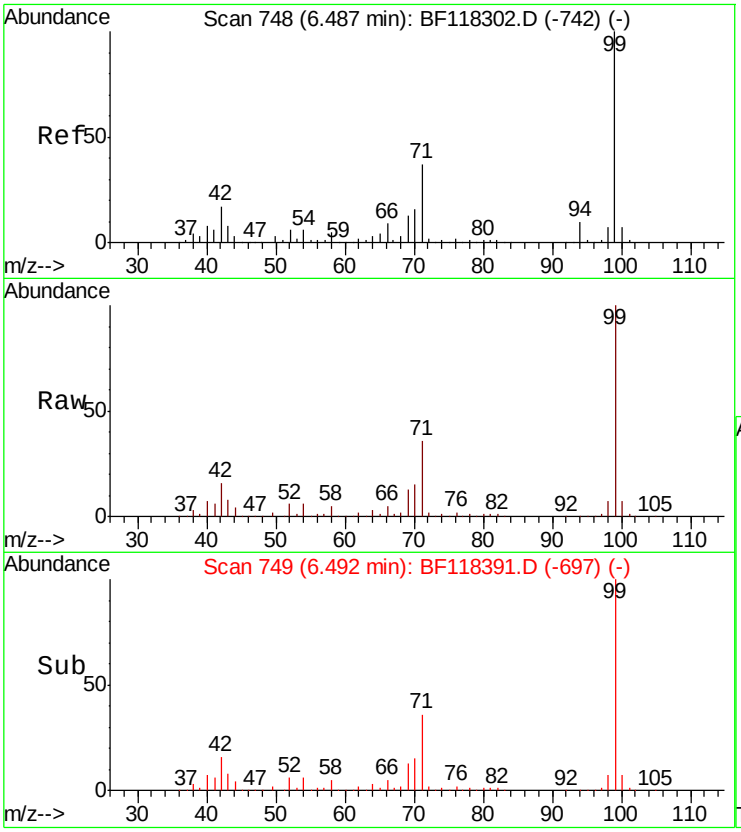


#5
2-Fluorophenol
Concen: 103.072 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF118391.D
Acq: 30 Dec 2019 20:01

Tgt Ion:112 Resp: 835364

Ion	Ratio	Lower	Upper
112	100		
64	50.8	39.7	59.5
63	28.1	21.7	32.5

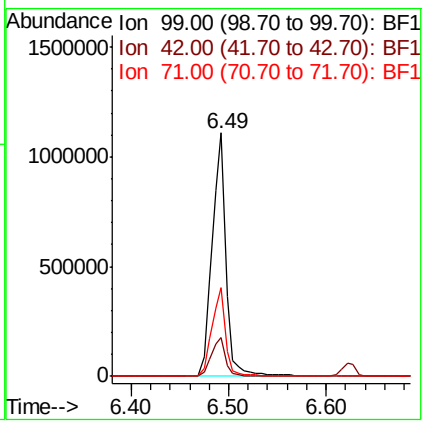




#7
Phenol-d6
Concen: 108.863 ng
RT: 6.49 min Scan# 749
Delta R.T. 0.01 min
Lab File: BF118391.D
Acq: 30 Dec 2019 20:01

Tgt Ion: 99 Resp: 1094514

Ion	Ratio	Lower	Upper
99	100		
42	16.2	13.5	20.3
71	36.4	29.4	44.2



Instrument :
BNA_F
ClientSampleId :
K435-WC-1

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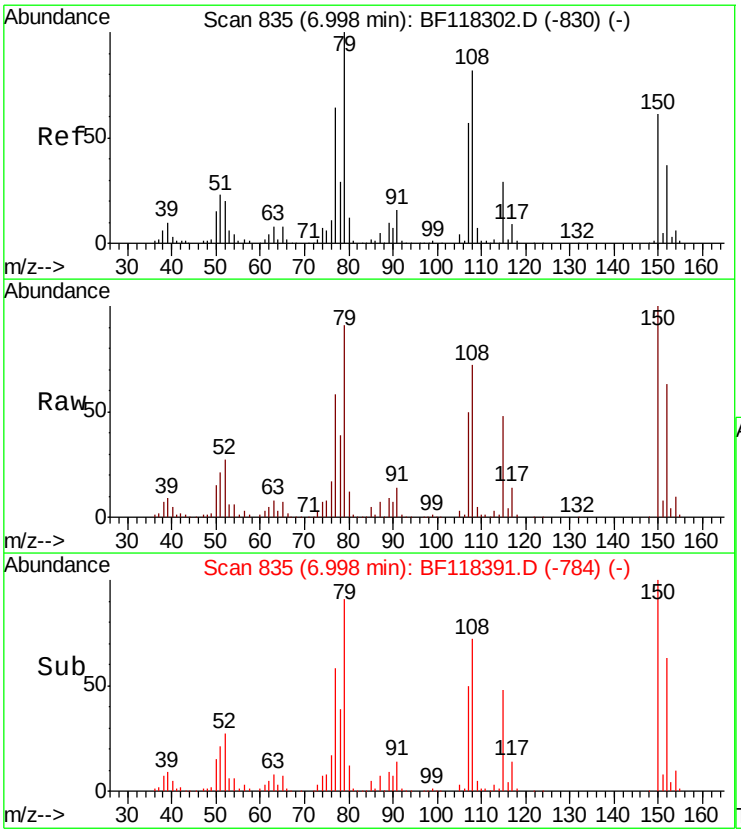
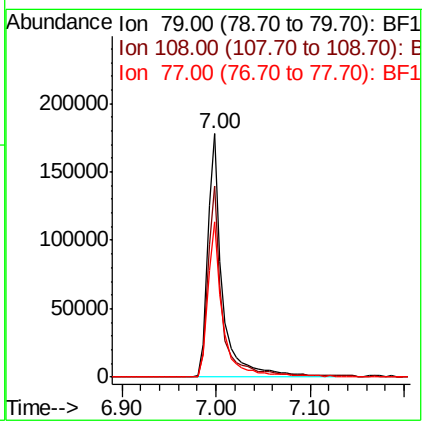
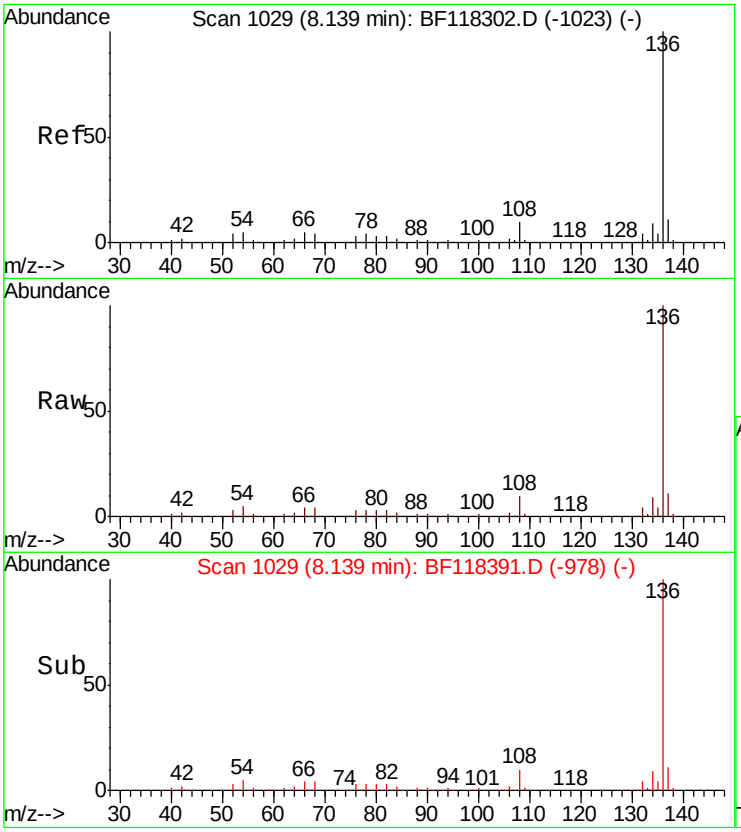


#15
Benzyl Alcohol
Concen: 25.544 ng
RT: 7.00 min Scan# 835
Delta R.T. -0.00 min
Lab File: BF118391.D
Acq: 30 Dec 2019 20:01

Tgt Ion: 79 Resp: 195542

Ion	Ratio	Lower	Upper
79	100		
108	78.7	65.4	98.0
77	64.0	51.4	77.0

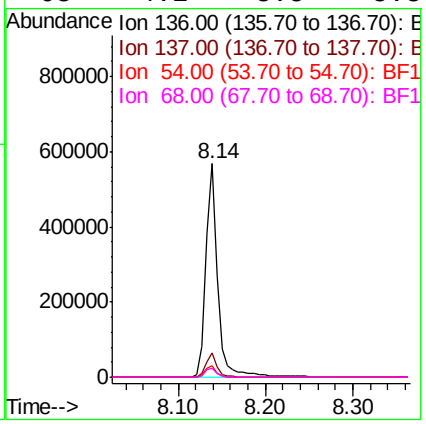




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BF118391.D
Acq: 30 Dec 2019 20:01

Tgt Ion:136 Resp: 538890

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	5.4	4.2	6.4
68	4.2	3.5	5.3



Instrument :
BNA_F
ClientSampleId :
K435-WC-1

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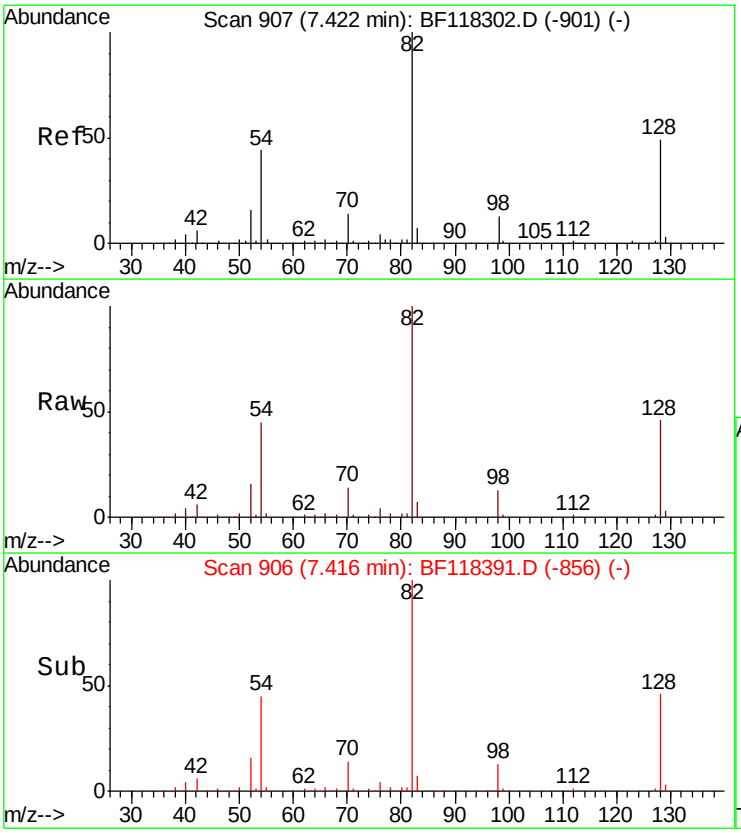
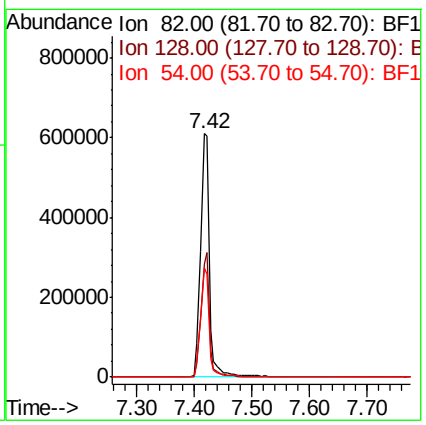
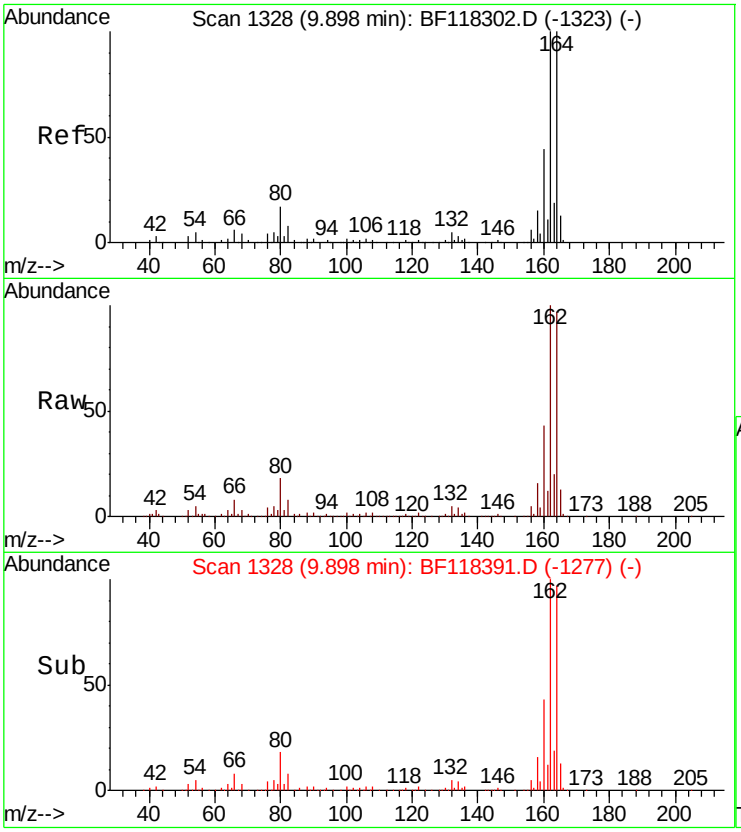


#23
Nitrobenzene-d5
Concen: 71.778 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF118391.D
Acq: 30 Dec 2019 20:01

Tgt Ion: 82 Resp: 676289

Ion	Ratio	Lower	Upper
82	100		
128	46.2	39.6	59.4
54	44.8	34.9	52.3

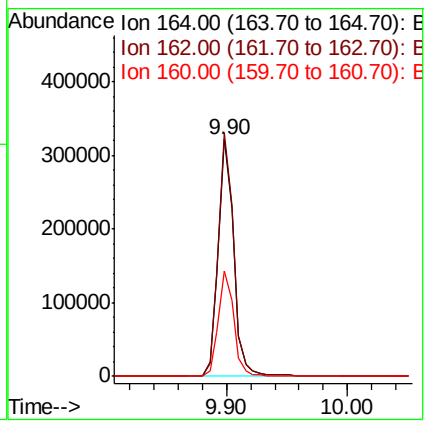




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.00 min
Lab File: BF118391.D
Acq: 30 Dec 2019 20:01

Tgt Ion:164 Resp: 282014

Ion	Ratio	Lower	Upper
164	100		
162	102.7	80.0	120.0
160	44.2	34.8	52.2



Instrument :
BNA_F
ClientSampleId :
K435-WC-1

Manual Integrations APPROVED
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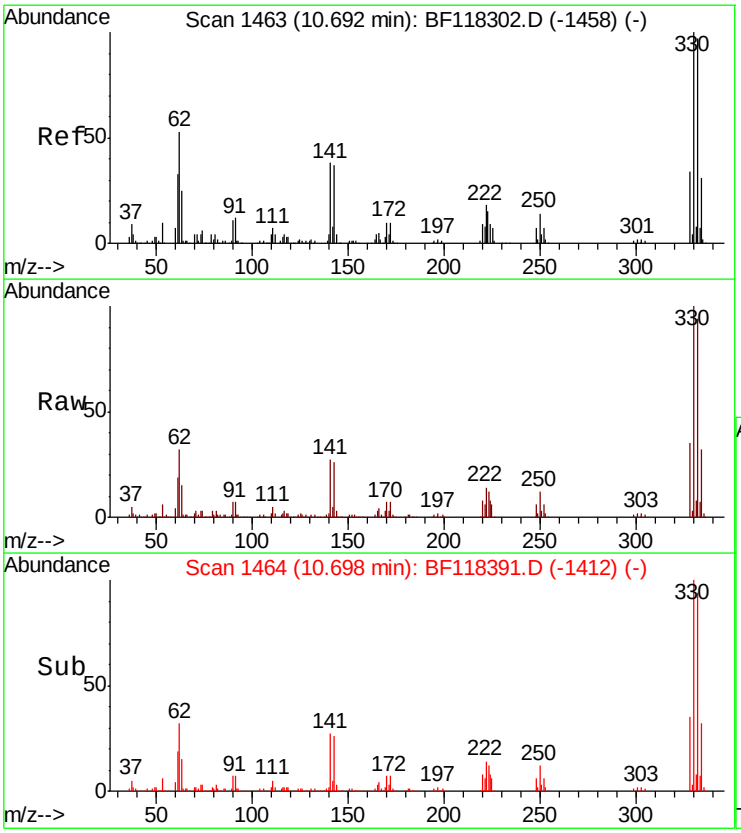
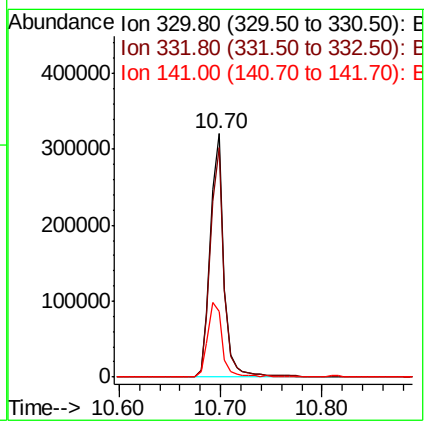
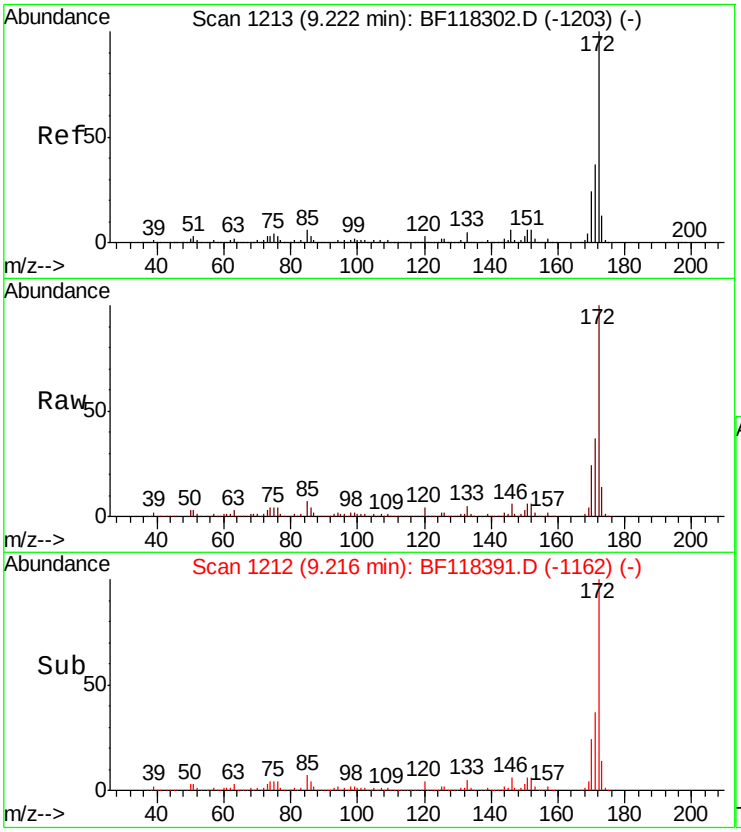


#42
2,4,6-Tribromophenol
Concen: 86.427 ng
RT: 10.70 min Scan# 1464
Delta R.T. 0.01 min
Lab File: BF118391.D
Acq: 30 Dec 2019 20:01

Tgt Ion:330 Resp: 300996

Ion	Ratio	Lower	Upper
330	100		
332	95.5	76.6	114.8
141	33.8	26.0	39.0

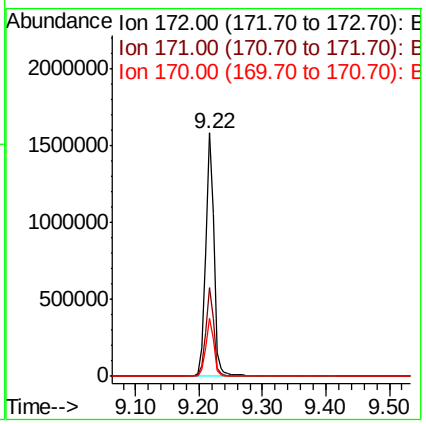




#45
2-Fluorobiphenyl
Concen: 76.636 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF118391.D
Acq: 30 Dec 2019 20:01

Tgt Ion:172 Resp: 1415844

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.3	43.9
170	24.1	19.2	28.8



Instrument :
BNA_F
ClientSampleId :
K435-WC-1

Manual Integrations APPROVED
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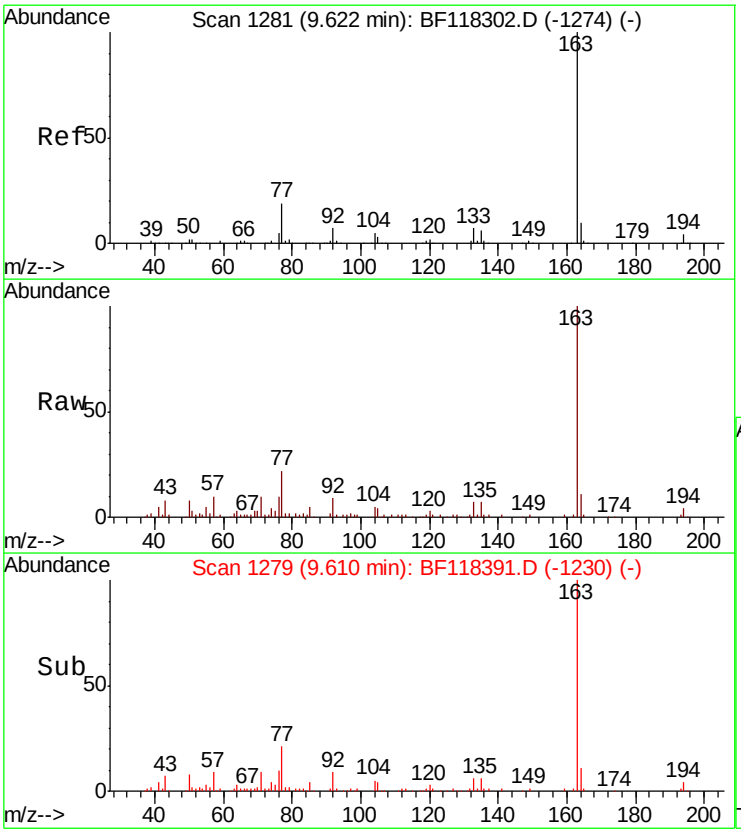
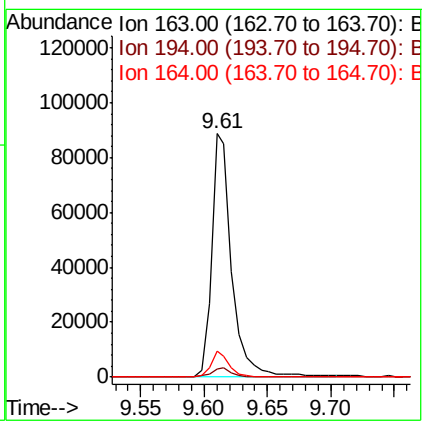
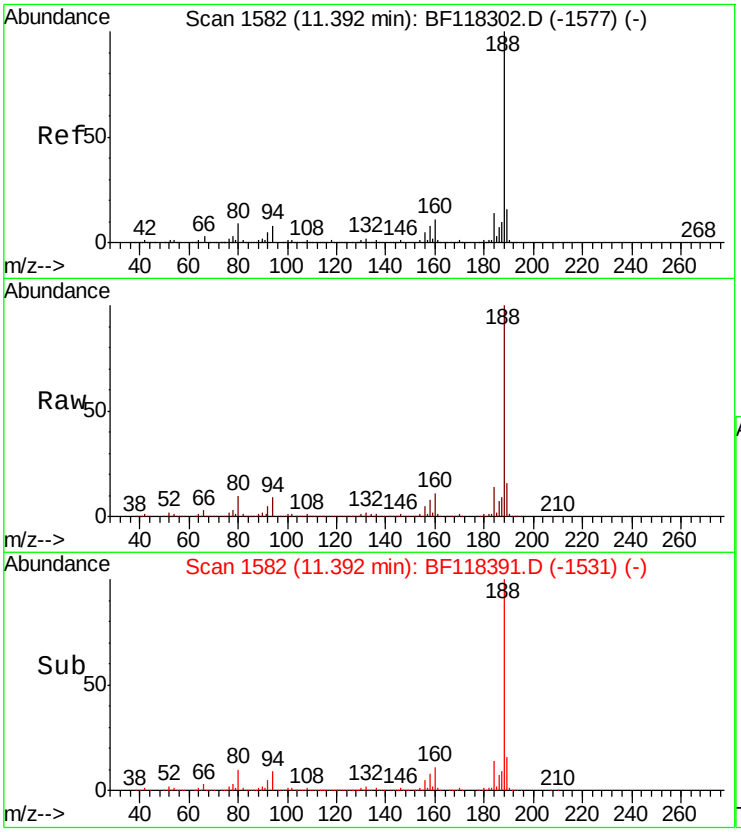


#50
Dimethylphthalate
Concen: 4.679 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF118391.D
Acq: 30 Dec 2019 20:01

Tgt Ion:163 Resp: 99048

Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.2	4.8
164	10.6	7.9	11.9

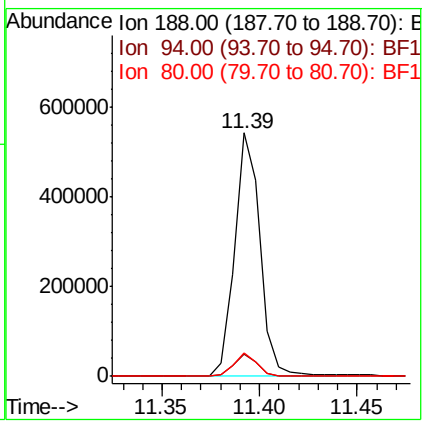




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.00 min
Lab File: BF118391.D
Acq: 30 Dec 2019 20:01

Tgt Ion:188 Resp: 487132

Ion	Ratio	Lower	Upper
188	100		
94	9.2	6.7	10.1
80	9.5	7.2	10.8



Instrument :
BNA_F
ClientSampleId :
K435-WC-1

Manual Integrations APPROVED
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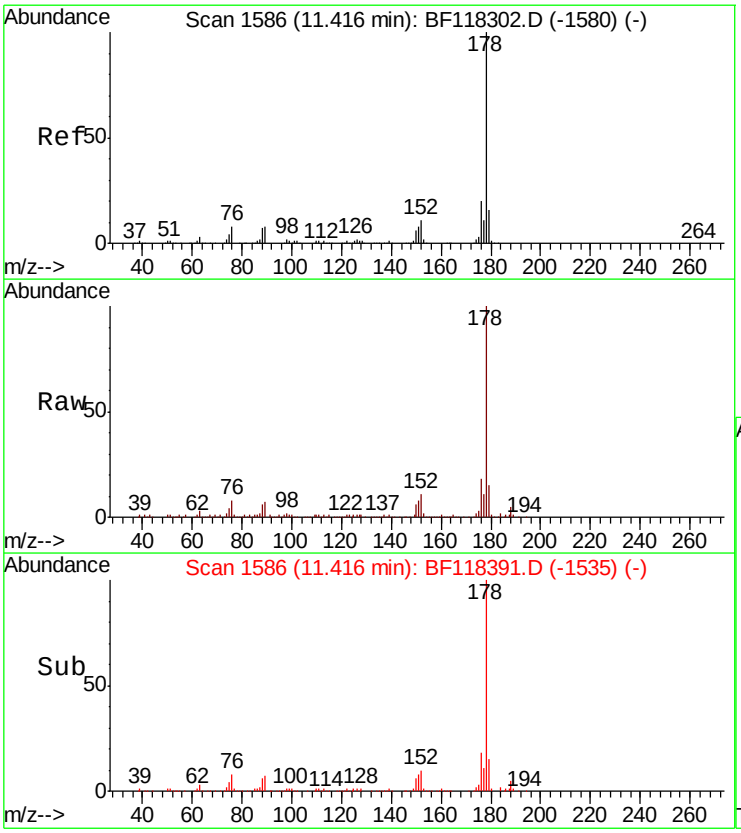
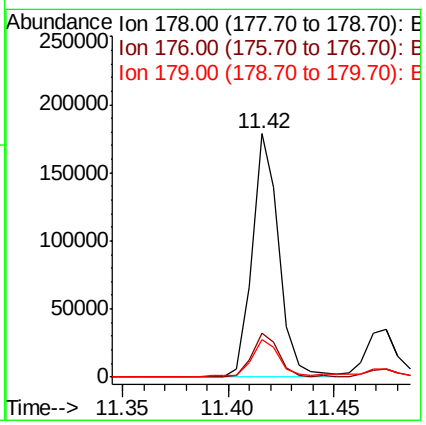
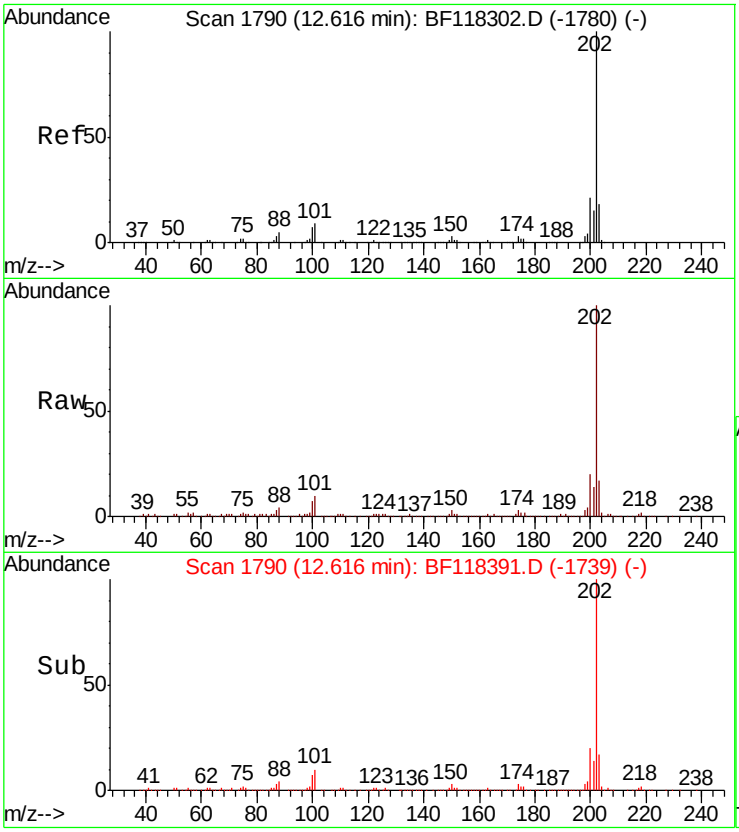


#71
Phenanthrene
Concen: 5.937 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BF118391.D
Acq: 30 Dec 2019 20:01

Tgt Ion:178 Resp: 157653

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.6	23.4
179	15.3	12.6	19.0

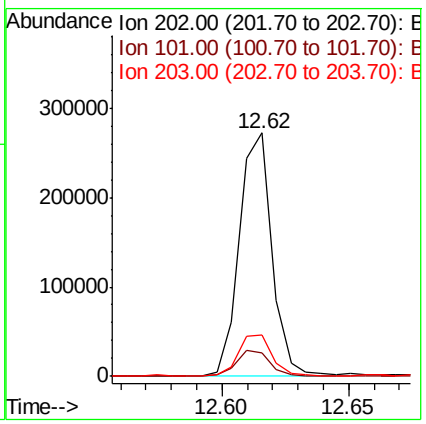




#75
Fluoranthene
Concen: 9.118 ng
RT: 12.62 min Scan# 1790
Delta R.T. -0.00 min
Lab File: BF118391.D
Acq: 30 Dec 2019 20:01

Tgt Ion:202 Resp: 244359

Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	29.5
203	17.0	0.0	37.6



Instrument :
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Manual Integrations APPROVED
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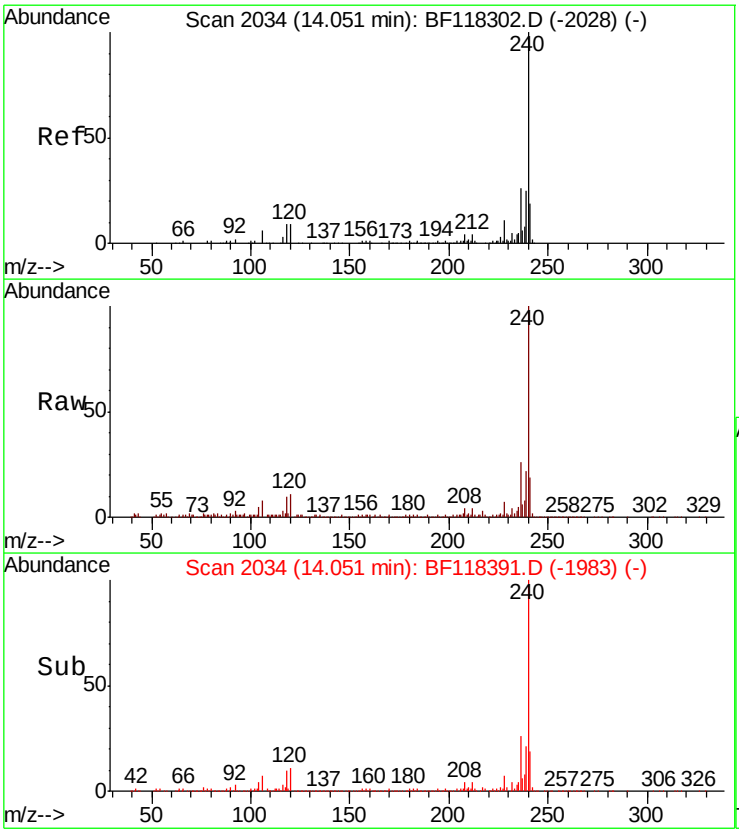
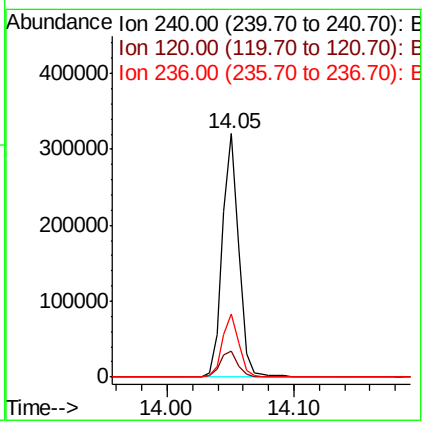
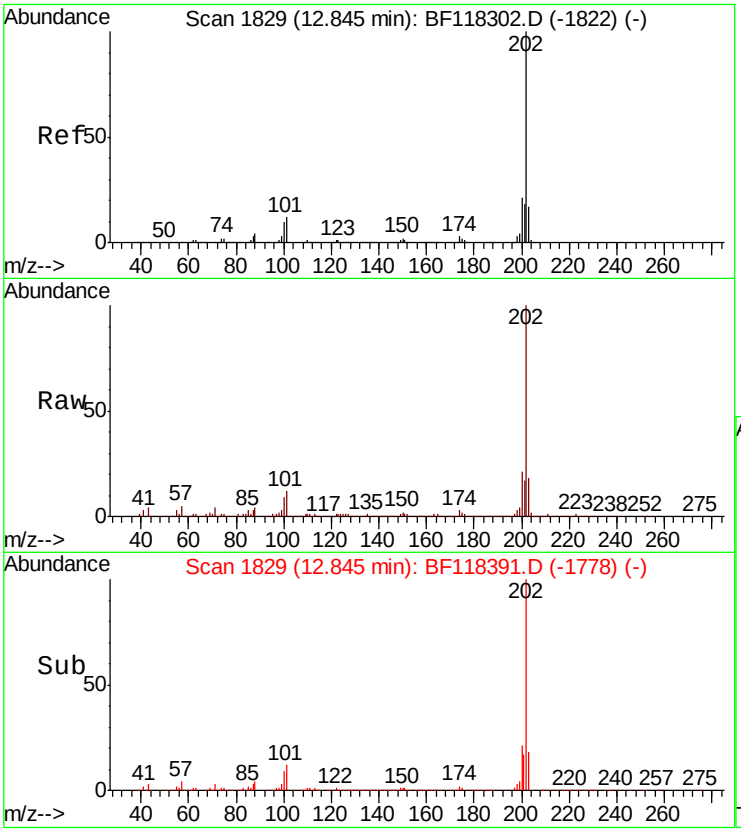


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.00 min
Lab File: BF118391.D
Acq: 30 Dec 2019 20:01

Tgt Ion:240 Resp: 286985

Ion	Ratio	Lower	Upper
240	100		
120	10.8	7.1	10.7#
236	26.0	21.0	31.6

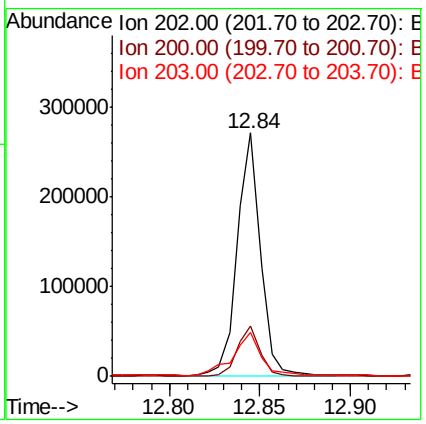




#78
Pyrene
Concen: 10.293 ng
RT: 12.84 min Scan# 1829
Delta R.T. -0.00 min
Lab File: BF118391.D
Acq: 30 Dec 2019 20:01

Tgt Ion:202 Resp: 241210

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.8	25.2
203	18.2	13.9	20.9



Instrument :
BNA_F
ClientSampleId :
K435-WC-1

Manual Integrations APPROVED
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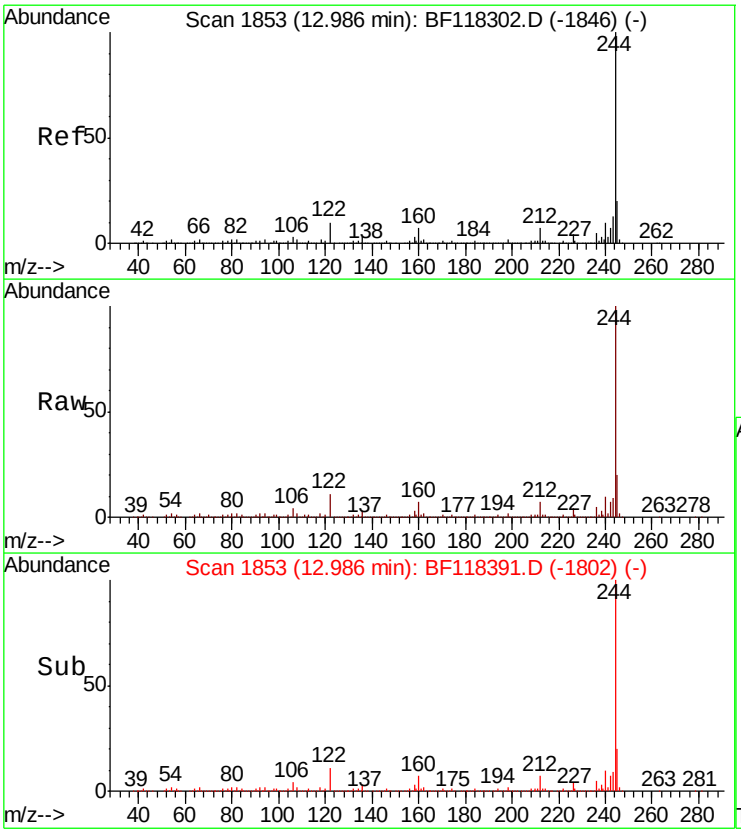
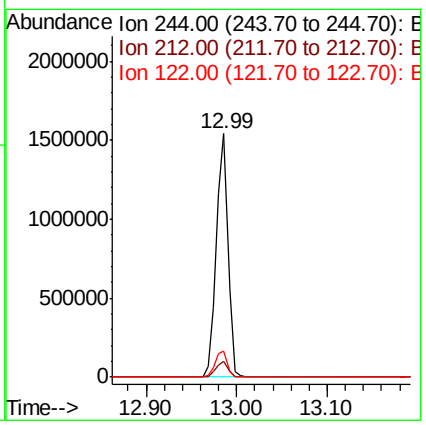
12/31/2019 12:04:29 PM

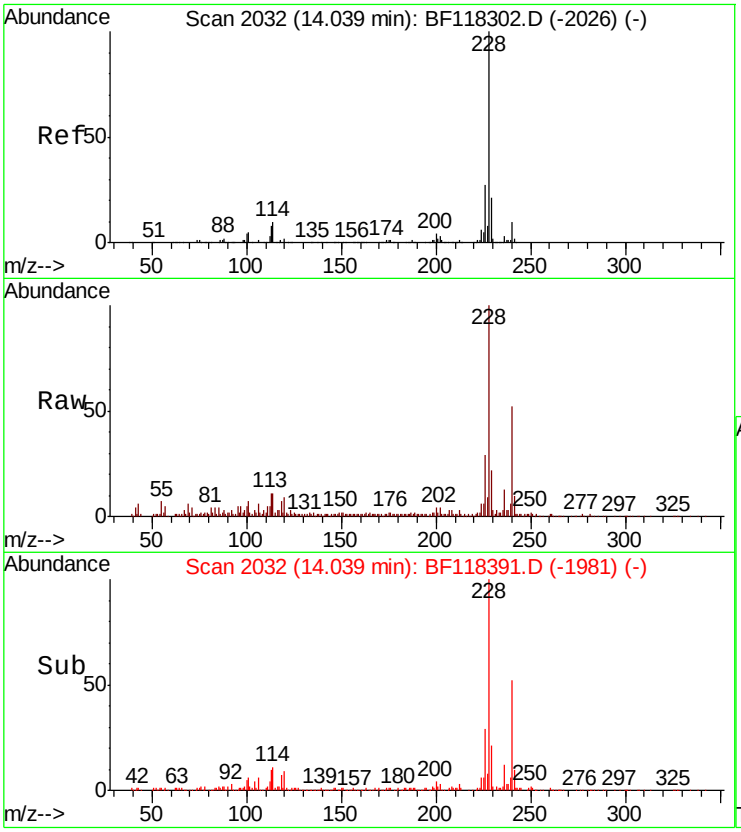


#79
Terphenyl-d14
Concen: 78.248 ng
RT: 12.99 min Scan# 1853
Delta R.T. -0.00 min
Lab File: BF118391.D
Acq: 30 Dec 2019 20:01

Tgt Ion:244 Resp: 1353560

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.2
122	10.7	7.8	11.8

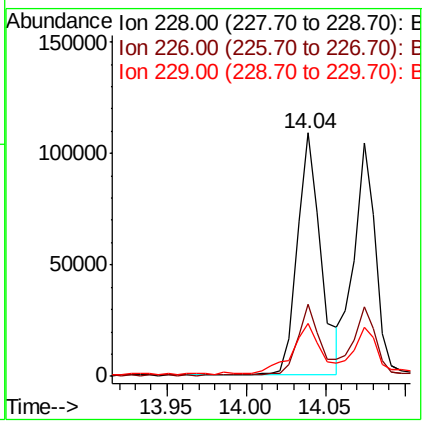




#81
Benzo(a)anthracene
Concen: 5.586 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.00 min
Lab File: BF118391.D
Acq: 30 Dec 2019 20:01

Tgt Ion:228 Resp: 112202

Ion	Ratio	Lower	Upper
228	100		
226	29.4	22.0	33.0
229	21.9	16.6	24.8



Instrument :
BNA_F
ClientSampleId :
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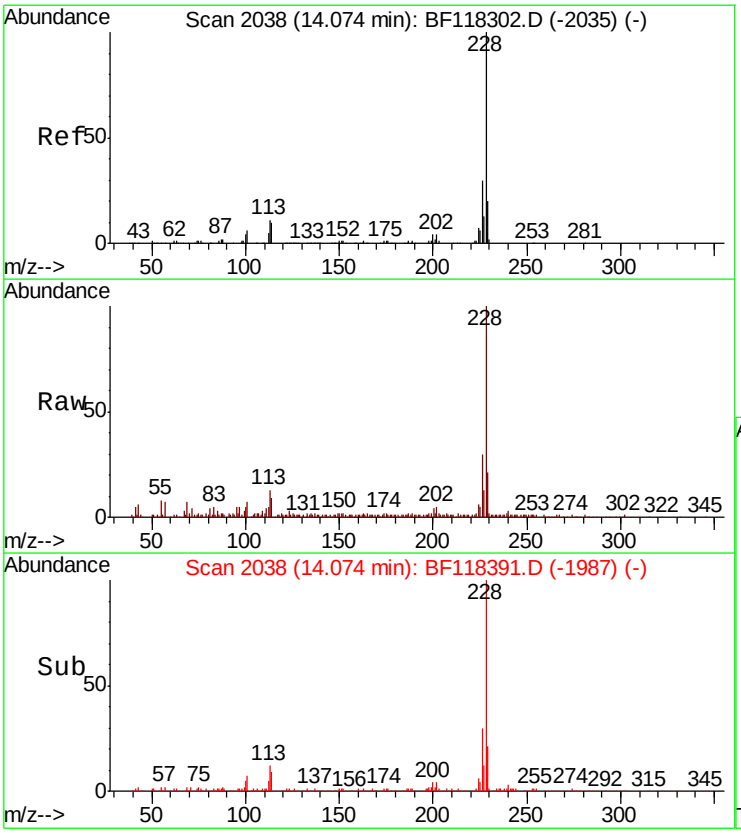
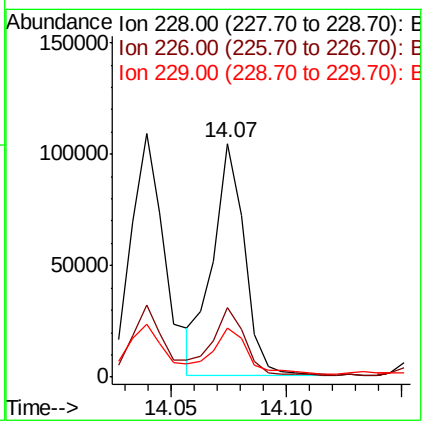
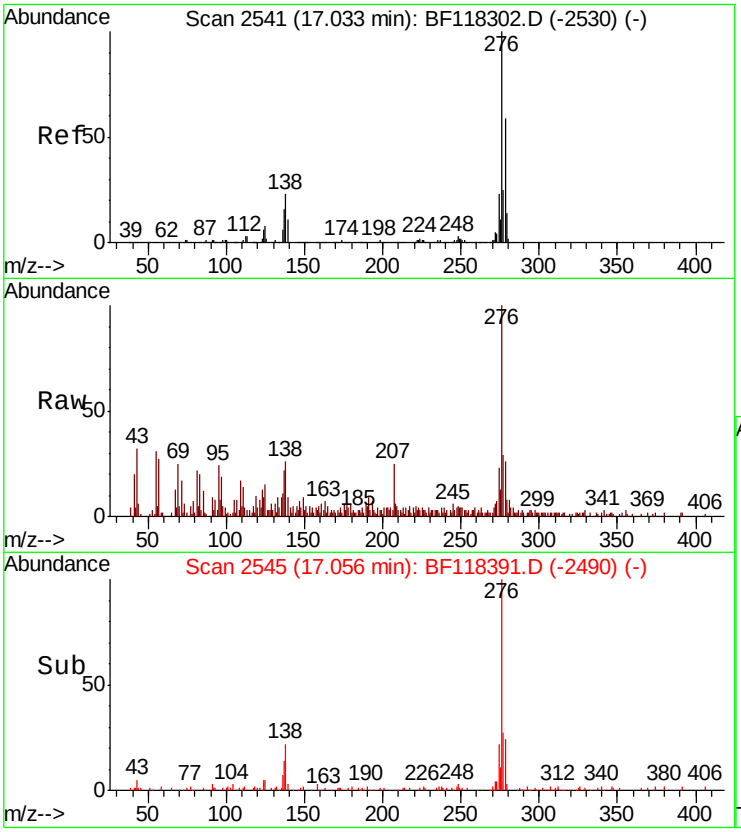


#83
Chrysene
Concen: 5.201 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.00 min
Lab File: BF118391.D
Acq: 30 Dec 2019 20:01

Tgt Ion:228 Resp: 100041

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.9	35.9
229	21.2	16.1	24.1

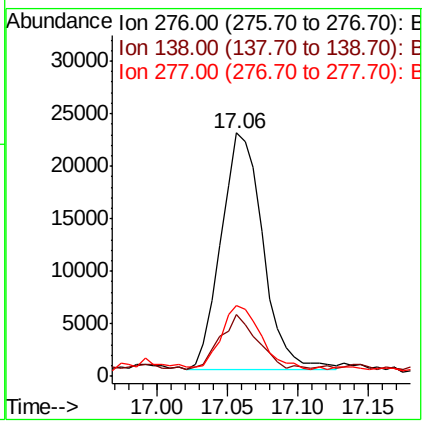




#86
Indeno(1,2,3-cd)pyrene
Concen: 2.851 ng
RT: 17.06 min Scan# 2545
Delta R.T. 0.02 min
Lab File: BF118391.D
Acq: 30 Dec 2019 20:01

Tgt Ion:276 Resp: 46728

Ion	Ratio	Lower	Upper
276	100		
138	20.5	19.5	29.3
277	25.0	20.6	30.8



Instrument :
BNA_F
ClientSampleId :
K435-WC-1

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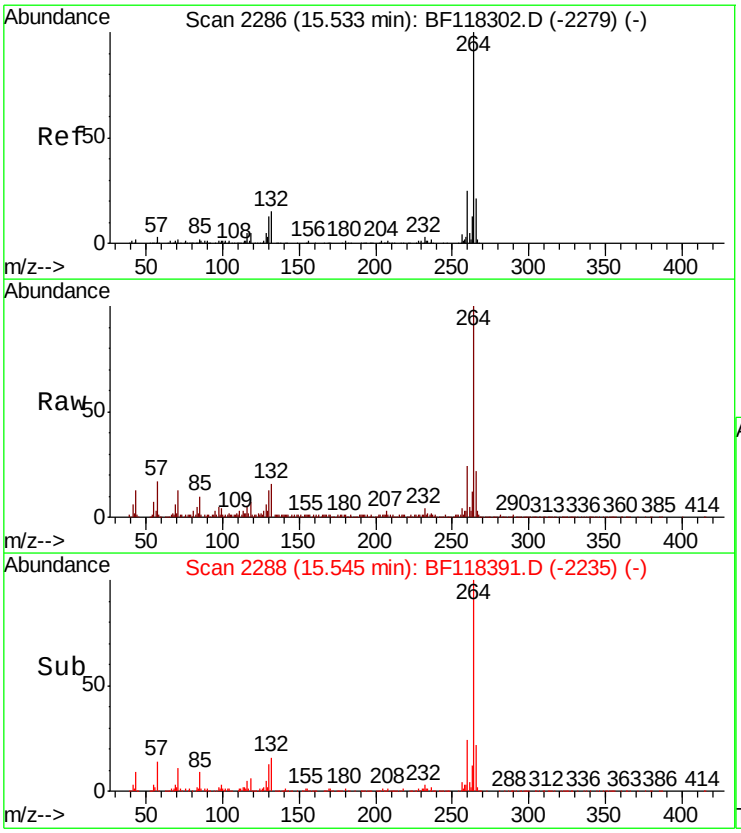
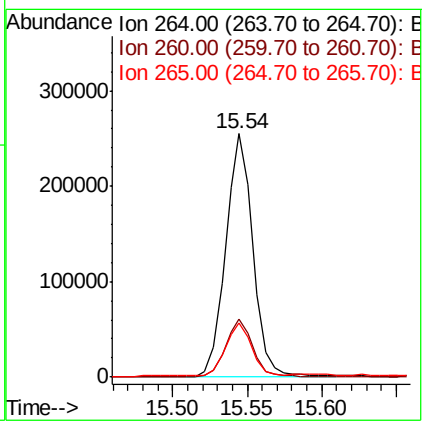
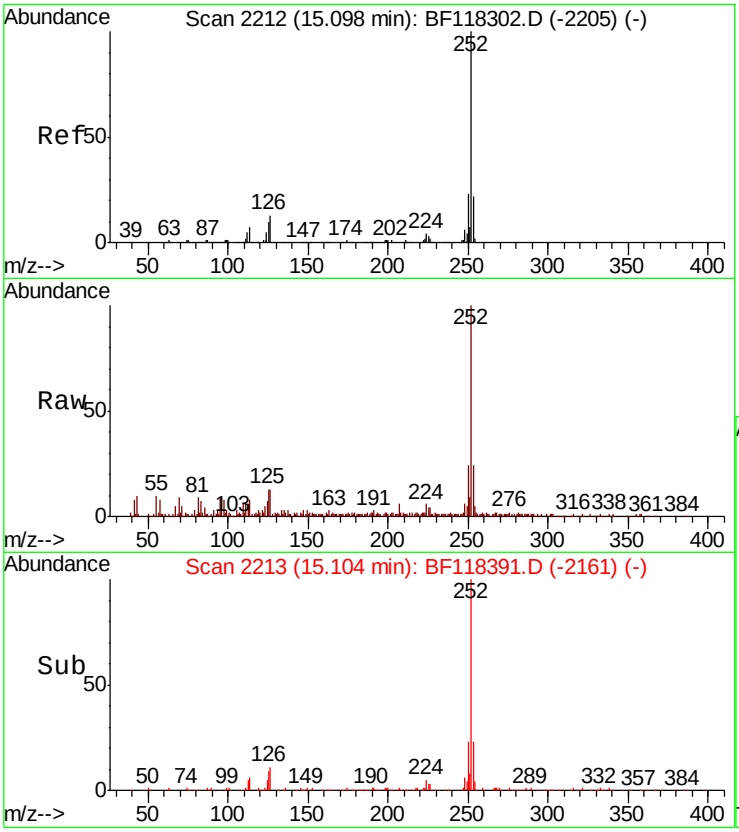


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. 0.01 min
Lab File: BF118391.D
Acq: 30 Dec 2019 20:01

Tgt Ion:264 Resp: 325816

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.8	29.6
265	22.1	17.0	25.4

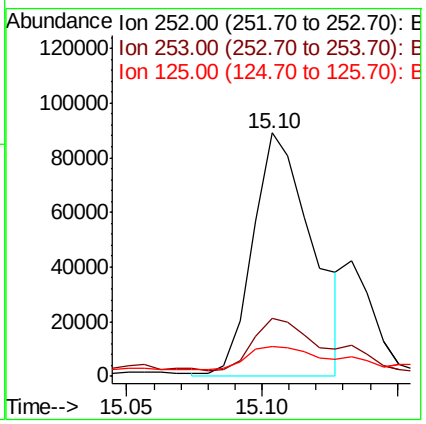




#88
Benzo(b)fluoranthene
Concen: 6.332 ng m
RT: 15.10 min Scan# 2213
Delta R.T. 0.01 min
Lab File: BF118391.D
Acq: 30 Dec 2019 20:01

Tgt Ion:252 Resp: 136948

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.5	26.3
125	12.5	7.7	11.5#



Instrument :
BNA_F
ClientSampleId :
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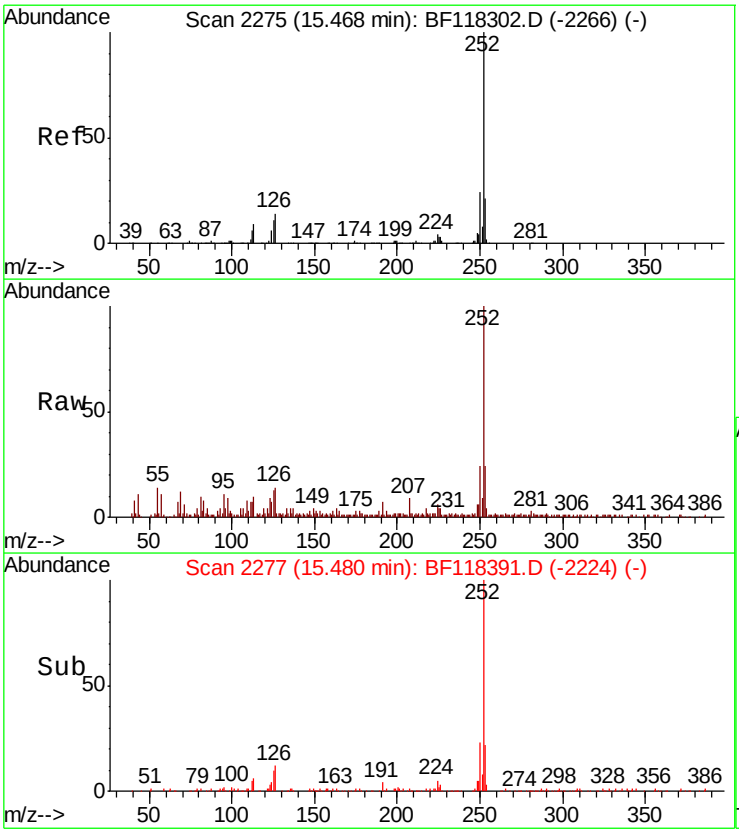
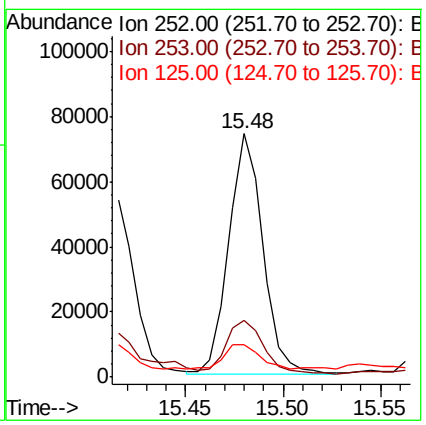
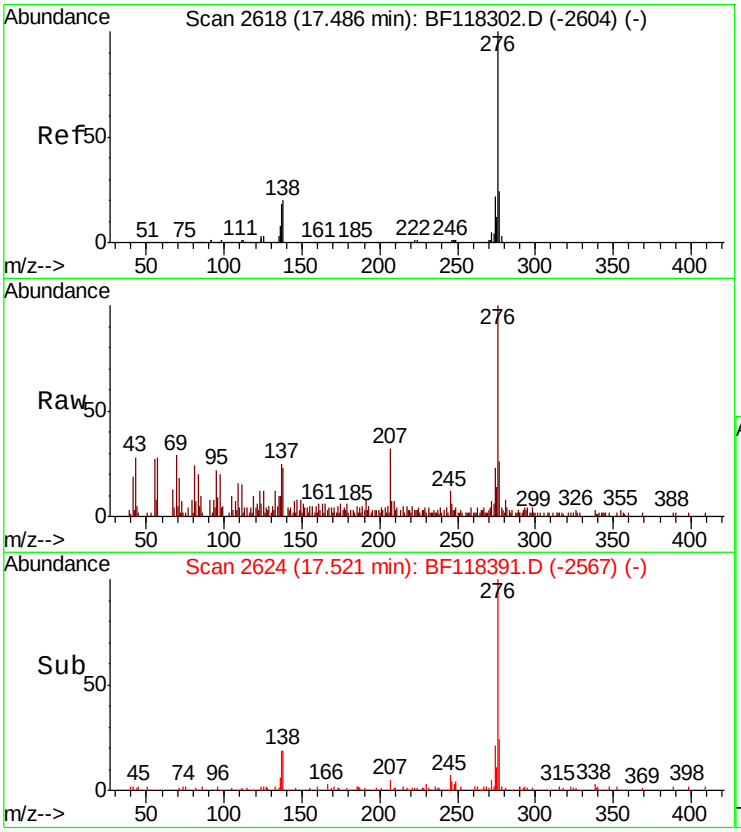


#90
Benzo(a)pyrene
Concen: 4.751 ng
RT: 15.48 min Scan# 2277
Delta R.T. 0.01 min
Lab File: BF118391.D
Acq: 30 Dec 2019 20:01

Tgt Ion:252 Resp: 90517

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.0	25.6
125	13.2	9.0	13.4

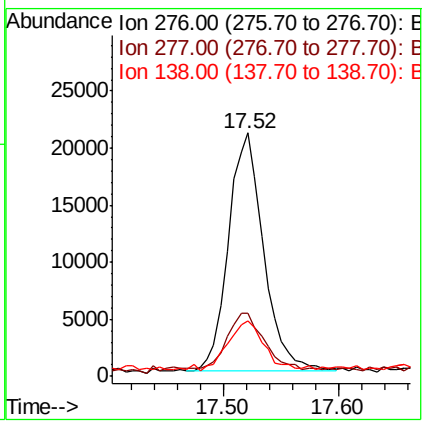




#92
Benzo(g,h,i)perylene
Concen: 2.751 ng
RT: 17.52 min Scan# 2624
Delta R.T. 0.04 min
Lab File: BF118391.D
Acq: 30 Dec 2019 20:01

Tgt Ion:276 Resp: 43929

Ion	Ratio	Lower	Upper
276	100		
277	25.8	19.1	28.7
138	22.9	16.1	24.1



Instrument :
BNA_F
ClientSampleId :
K435-WC-1

Manual Integrations APPROVED
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