Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF123019\
Data File : BF118390.D
Acq On : 30 Dec 2019 19:33
Operator : JU
Sample : K6447-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RBR31-48

Manual Integrations APPROVED
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Quant Time: Dec 31 02:12:33 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	129628	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	508856	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	275192	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	504736	20.00	ng	0.00
76) Chrysene-d12	14.05	240	295051	20.00	ng	0.00
87) Perylene-d12	15.54	264	322463	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	779047	102.59	ng	0.01
7) Phenol-d6	6.49	99	989534	105.04	ng	0.00
23) Nitrobenzene-d5	7.42	82	606319	68.15	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	350007	102.99	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1291337	71.63	ng	0.00
79) Terphenyl-d14	12.99	244	1440142	80.98	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	9.62	163	92457	4.476	ng	99
71) Phenanthrene	11.42	178	87897	3.194	ng	98
75) Fluoranthene	12.62	202	148996	5.365	ng	98
78) Pyrene	12.84	202	117926	4.894	ng	100
81) Benzo(a)anthracene	14.04	228	46228	2.238	ng	99
83) Chrysene	14.07	228	40821	2.064	ng	95
88) Benzo(b)fluoranthene	15.10	252	50873m	2.377	ng	

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

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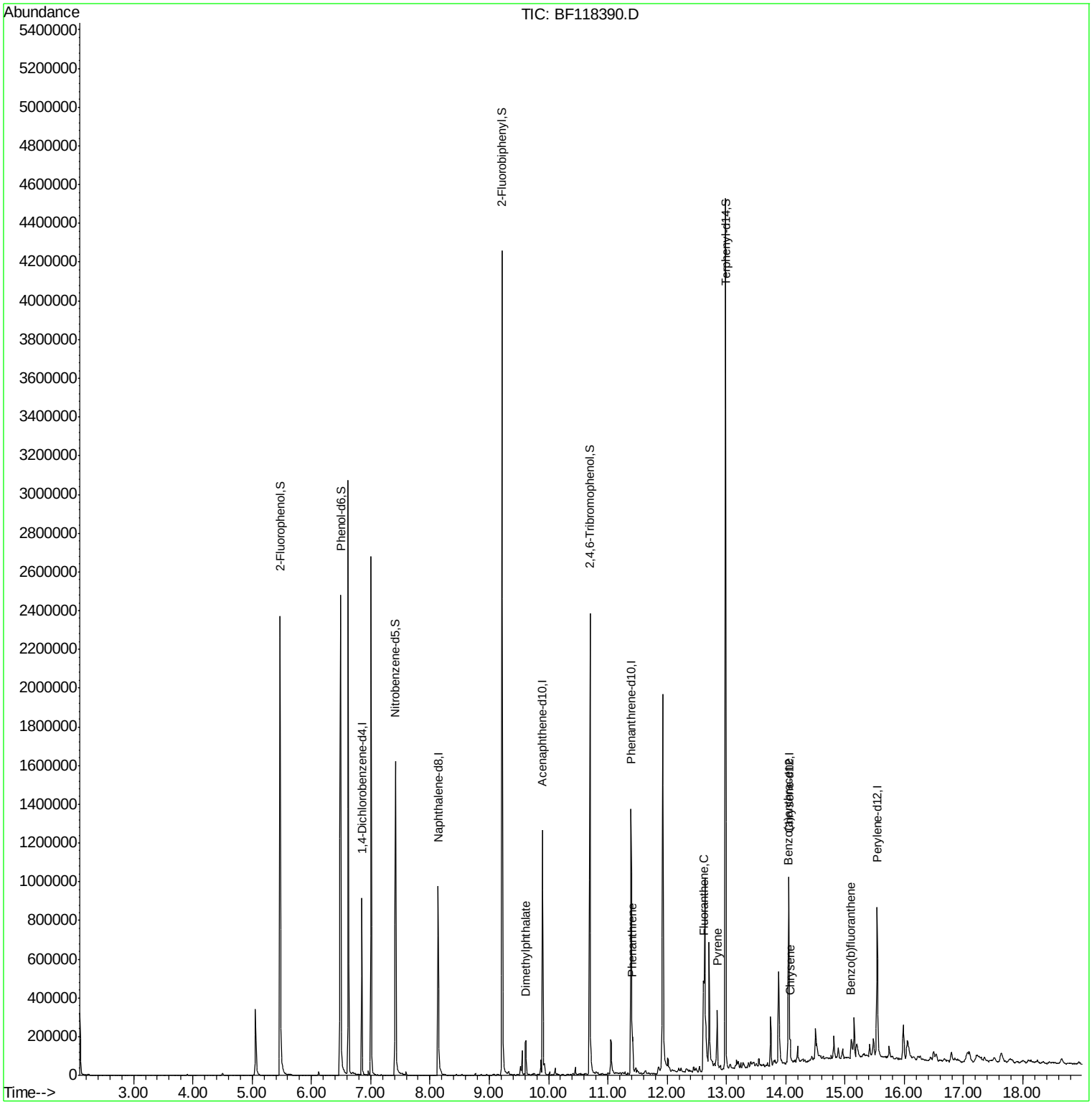
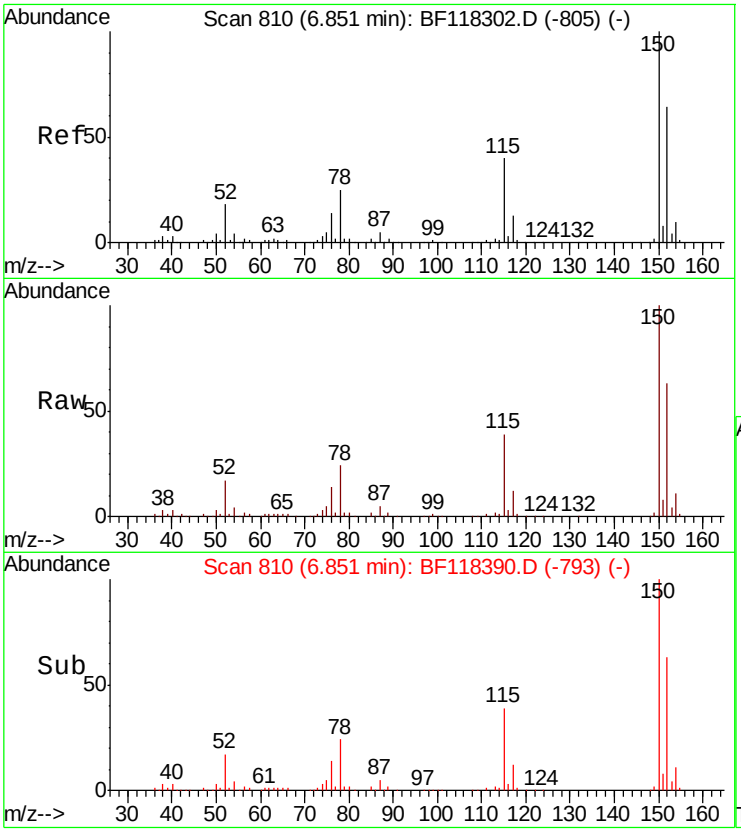
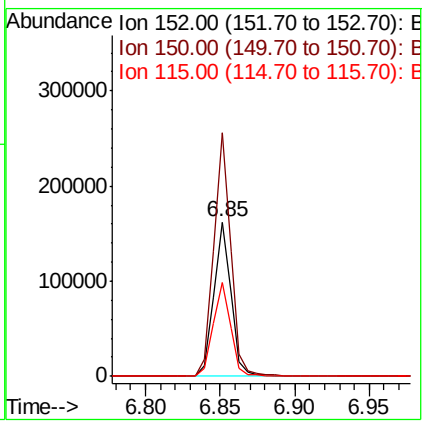




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF118390.D
Acq: 30 Dec 2019 19:33

Tgt Ion:152 Resp: 129628

Ion	Ratio	Lower	Upper
152	100		
150	157.8	125.4	188.2
115	61.0	50.2	75.4



Instrument :
BNA_F
ClientSampleId :
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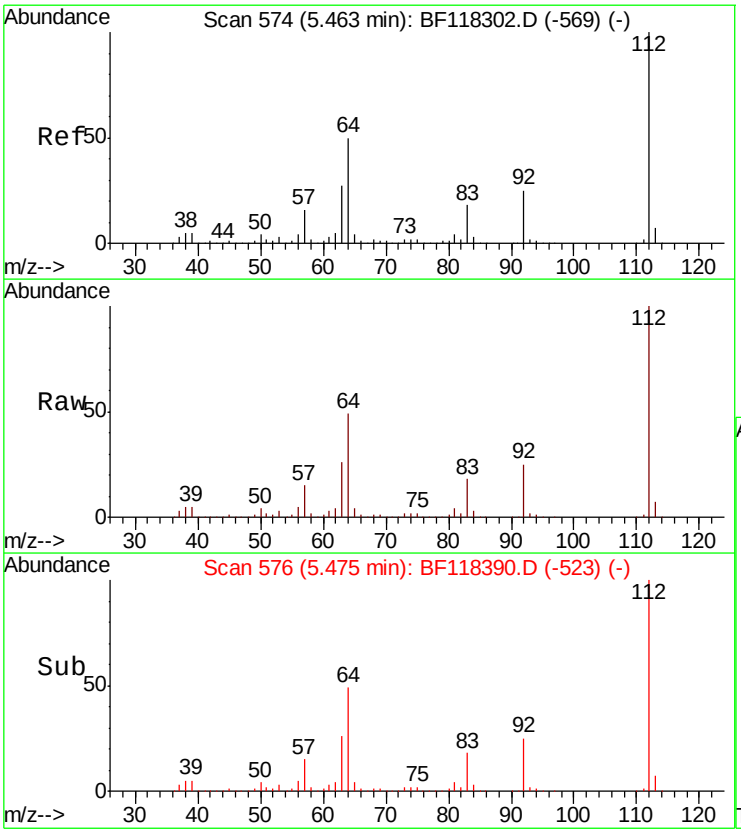
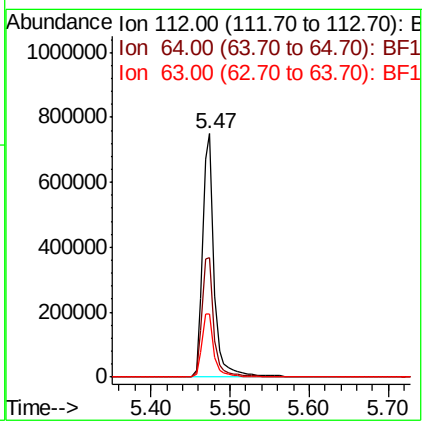
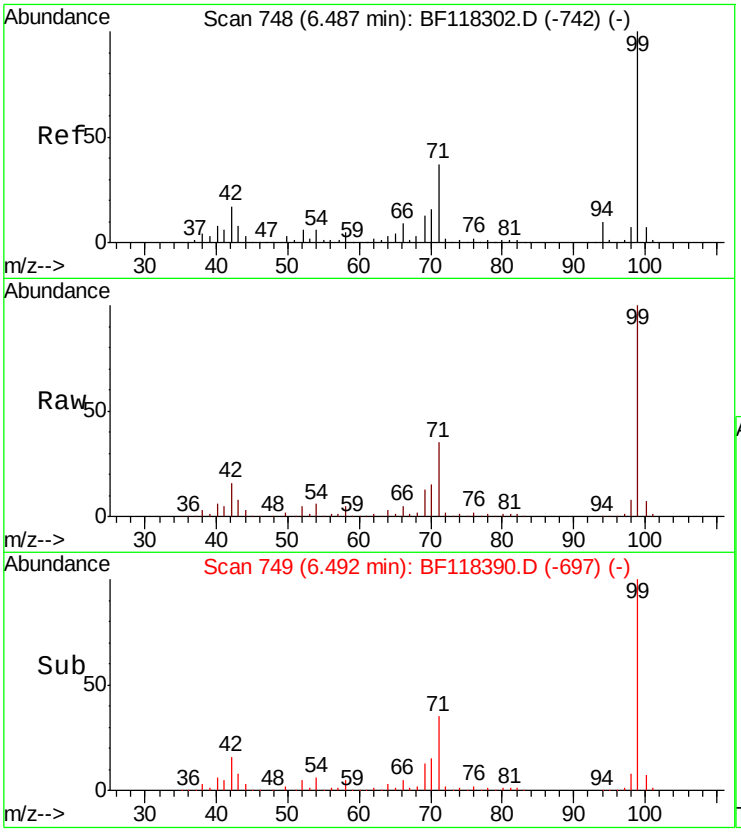


#5
2-Fluorophenol
Concen: 102.588 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF118390.D
Acq: 30 Dec 2019 19:33

Tgt Ion:112 Resp: 779047

Ion	Ratio	Lower	Upper
112	100		
64	49.1	39.7	59.5
63	26.2	21.7	32.5

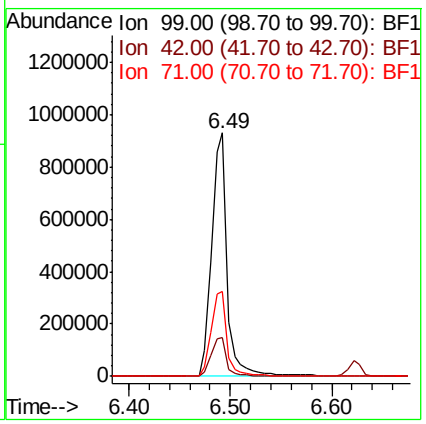




#7
Phenol-d6
Concen: 105.041 ng
RT: 6.49 min Scan# 749
Delta R.T. 0.01 min
Lab File: BF118390.D
Acq: 30 Dec 2019 19:33

Tgt Ion: 99 Resp: 989534

Ion	Ratio	Lower	Upper
99	100		
42	15.8	13.5	20.3
71	35.0	29.4	44.2



Instrument :
BNA_F
ClientSampleId :
RBR31-48

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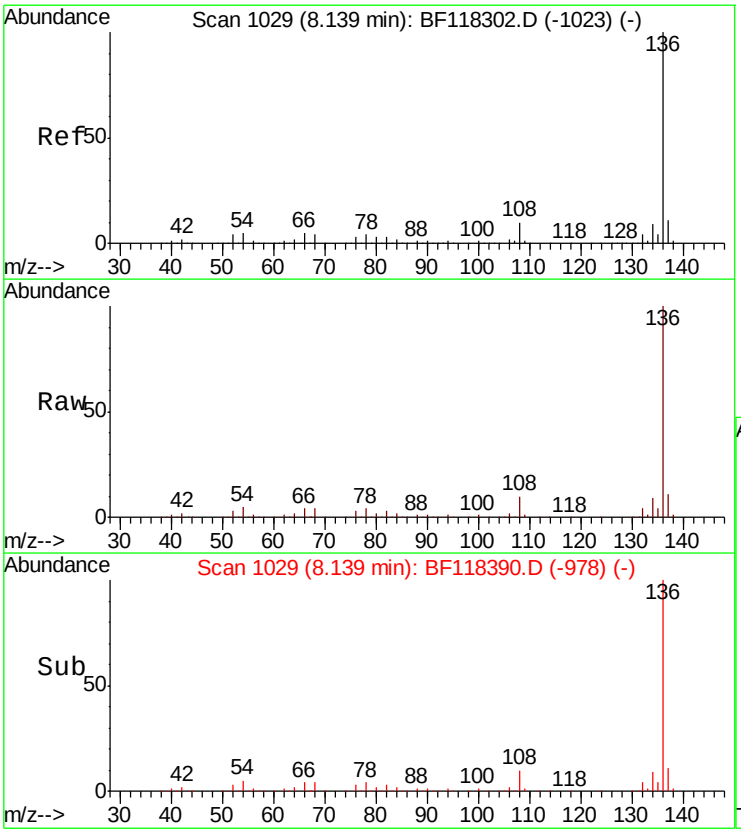
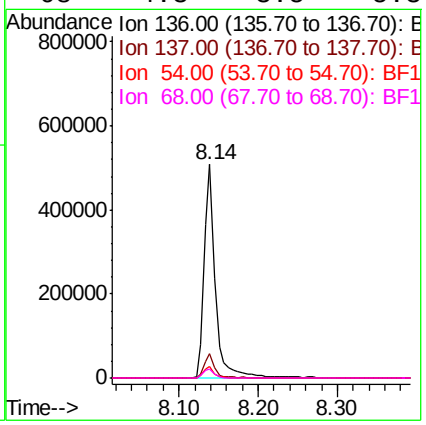
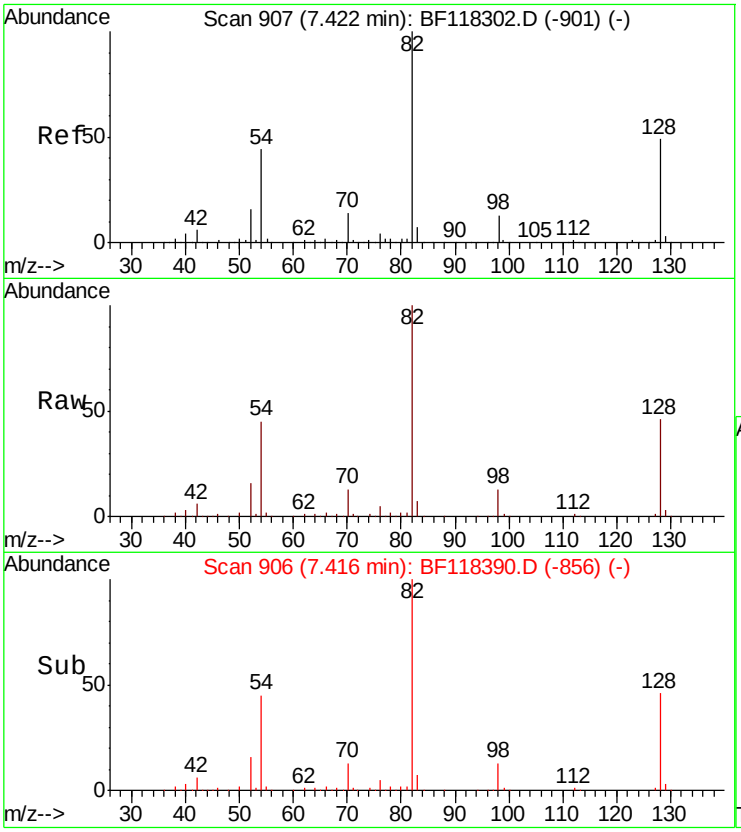


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BF118390.D
Acq: 30 Dec 2019 19:33

Tgt Ion:136 Resp: 508856

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	5.4	4.2	6.4
68	4.3	3.5	5.3

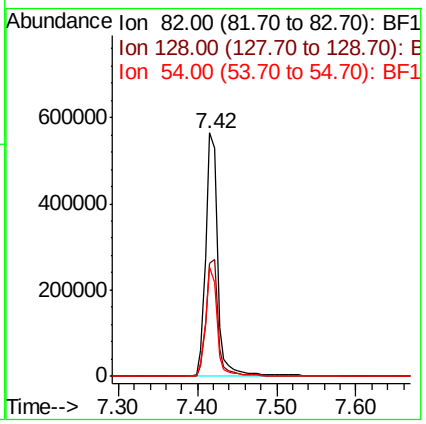




#23
Nitrobenzene-d5
Concen: 68.150 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF118390.D
Acq: 30 Dec 2019 19:33

Tgt Ion: 82 Resp: 606319

Ion	Ratio	Lower	Upper
82	100		
128	46.3	39.6	59.4
54	44.7	34.9	52.3



Instrument :
BNA_F
ClientSampleId :
RBR31-48

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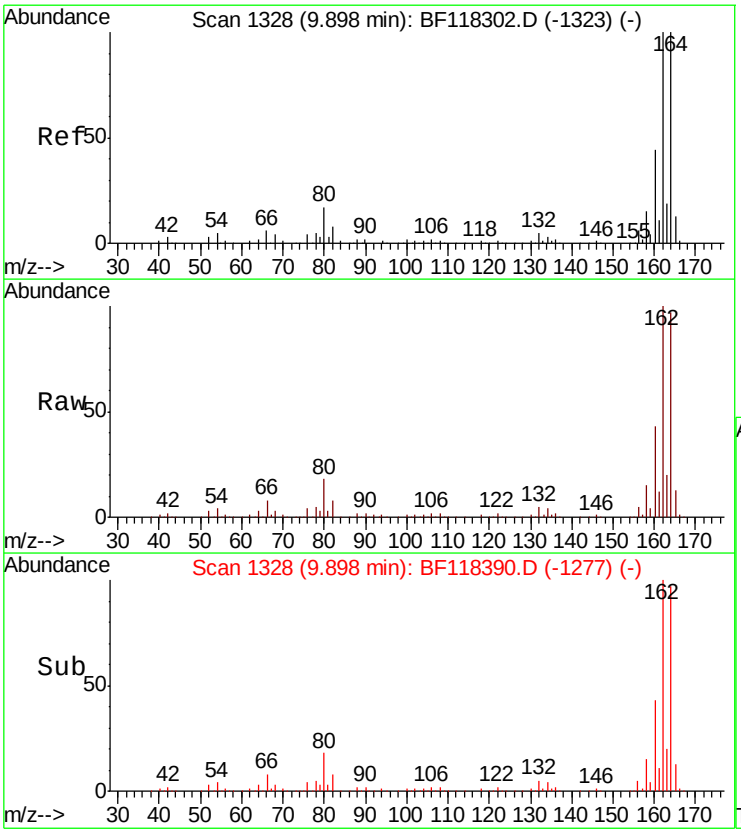
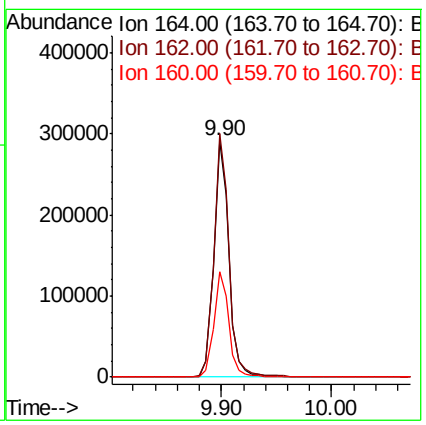
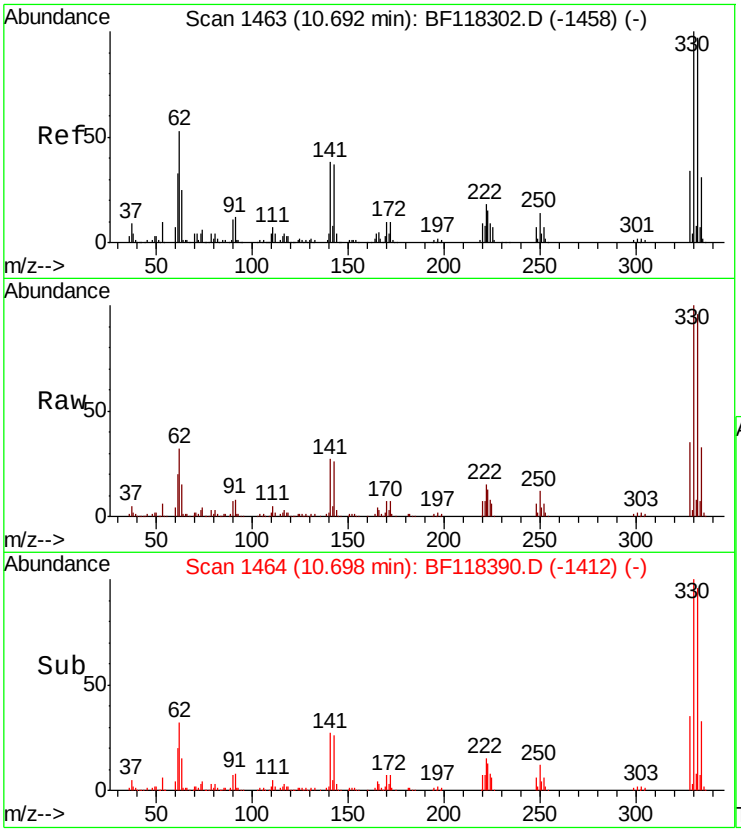


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.00 min
Lab File: BF118390.D
Acq: 30 Dec 2019 19:33

Tgt Ion:164 Resp: 275192

Ion	Ratio	Lower	Upper
164	100		
162	103.0	80.0	120.0
160	44.3	34.8	52.2

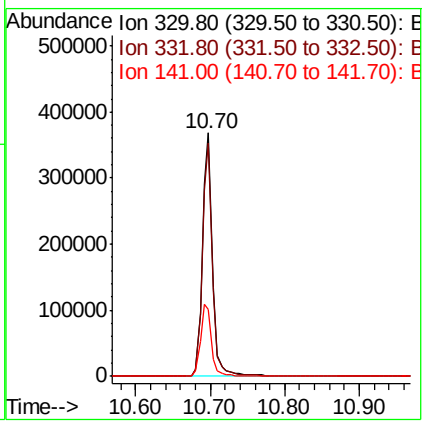




#42
2,4,6-Tribromophenol
Concen: 102.991 ng
RT: 10.70 min Scan# 1464
Delta R.T. 0.01 min
Lab File: BF118390.D
Acq: 30 Dec 2019 19:33

Tgt Ion:330 Resp: 350007

Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.6	114.8
141	32.5	26.0	39.0



Instrument :
BNA_F
ClientSampleId :
RBR31-48

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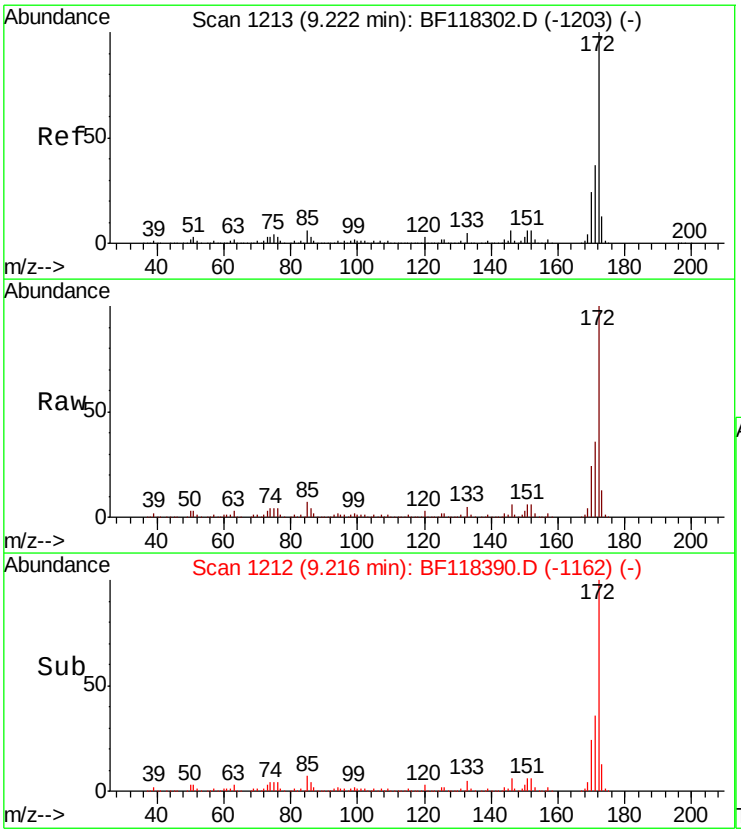
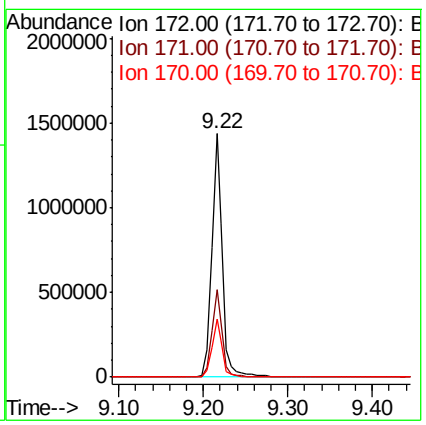
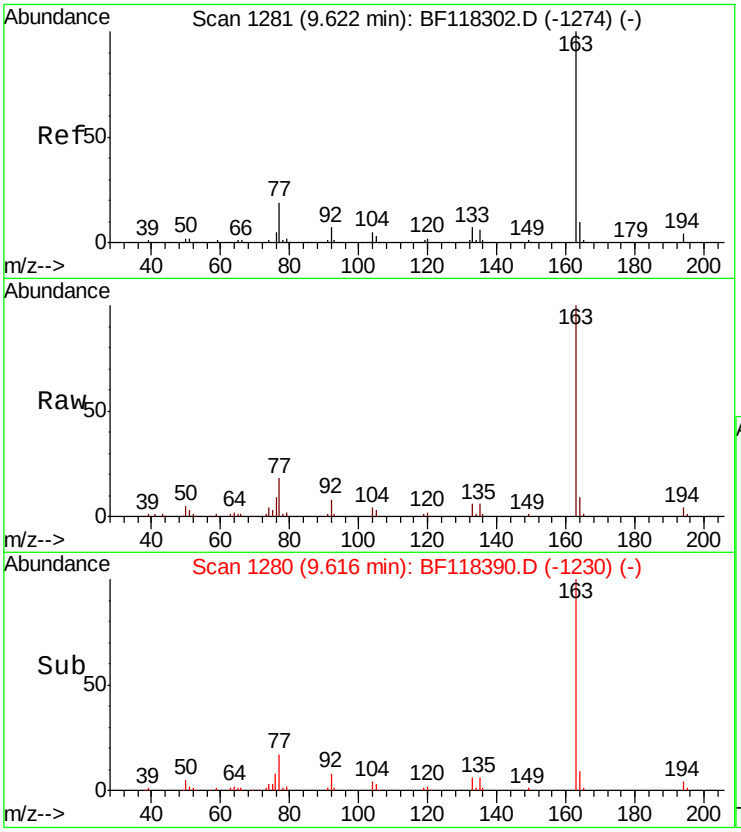


#45
2-Fluorobiphenyl
Concen: 71.630 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF118390.D
Acq: 30 Dec 2019 19:33

Tgt Ion:172 Resp: 1291337

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.3	43.9
170	23.8	19.2	28.8

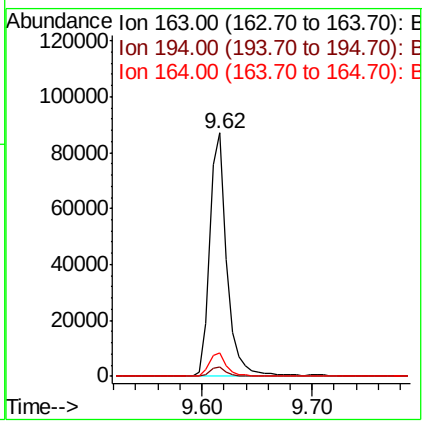




#50
Dimethylphthalate
Concen: 4.476 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BF118390.D
Acq: 30 Dec 2019 19:33

Tgt Ion:163 Resp: 92457

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	9.4	7.9	11.9



Instrument :
BNA_F
ClientSampleId :
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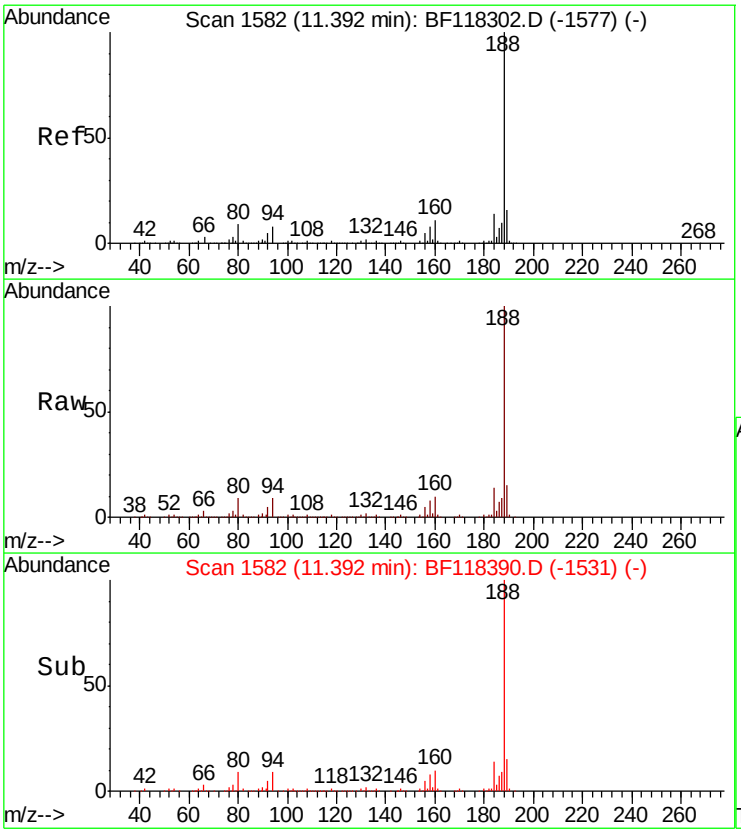
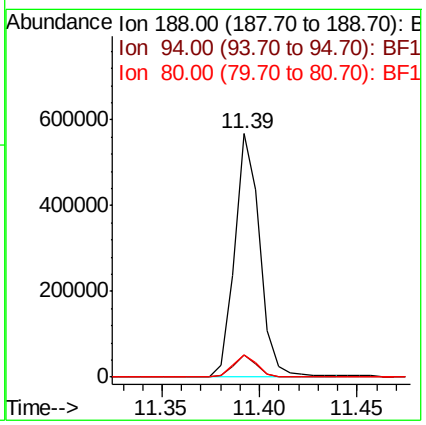
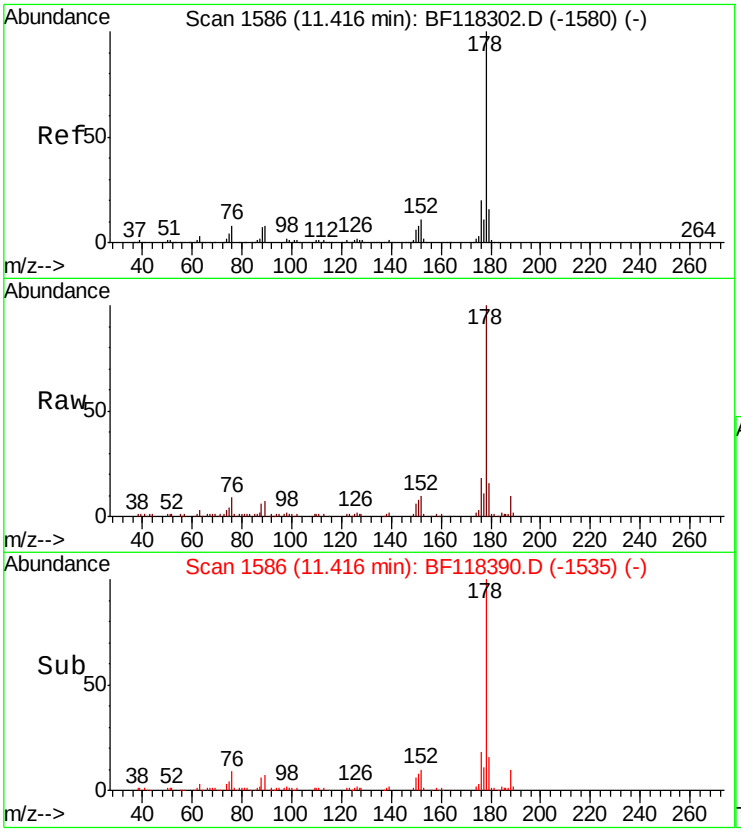


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.00 min
Lab File: BF118390.D
Acq: 30 Dec 2019 19:33

Tgt Ion:188 Resp: 504736

Ion	Ratio	Lower	Upper
188	100		
94	9.4	6.7	10.1
80	9.3	7.2	10.8

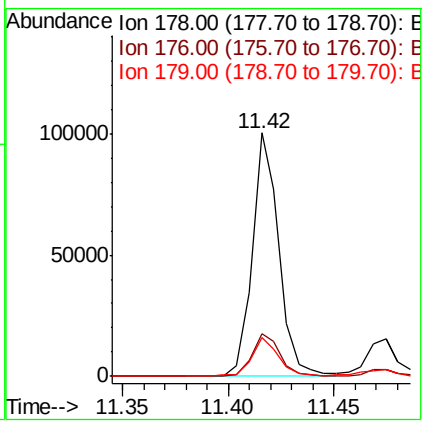




#71
Phenanthrene
Concen: 3.194 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BF118390.D
Acq: 30 Dec 2019 19:33

Tgt Ion:178 Resp: 87897

Ion	Ratio	Lower	Upper
178	100		
176	17.7	15.6	23.4
179	15.9	12.6	19.0



Instrument :
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ClientSampleId :
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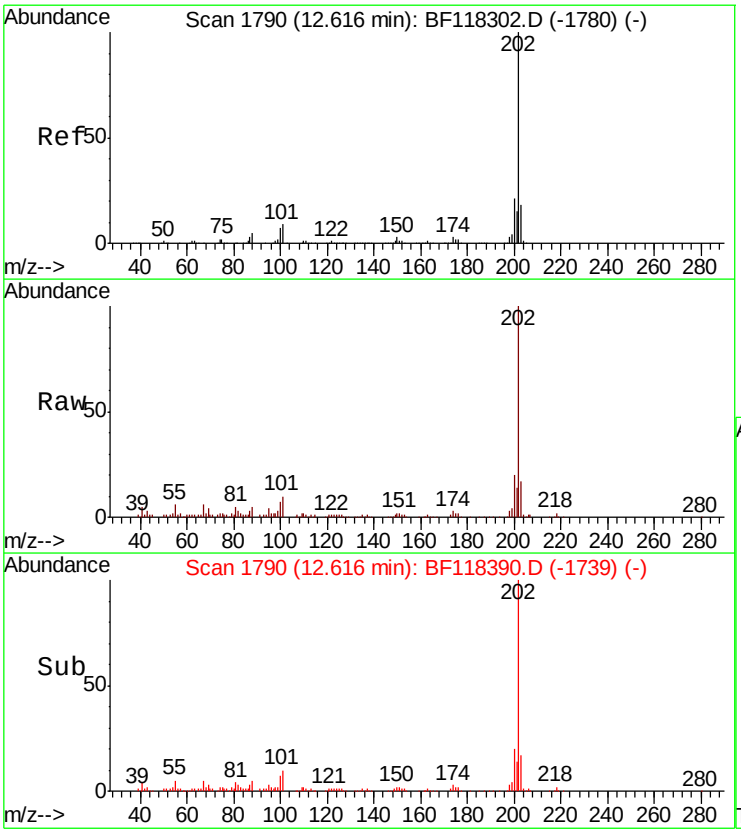
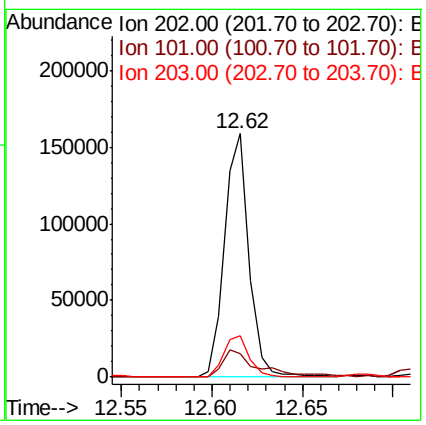
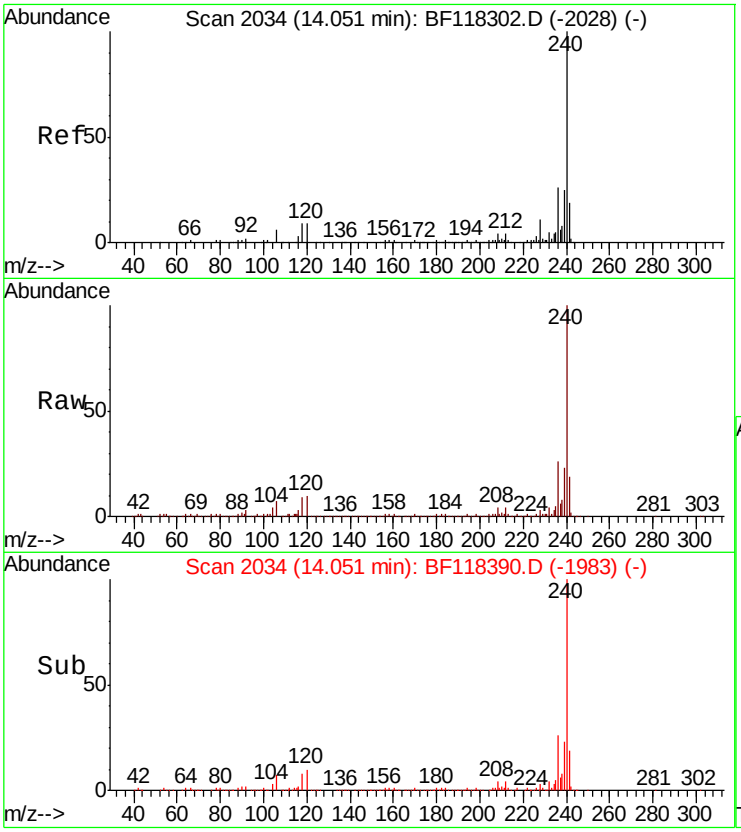


#75
Fluoranthene
Concen: 5.365 ng
RT: 12.62 min Scan# 1790
Delta R.T. -0.00 min
Lab File: BF118390.D
Acq: 30 Dec 2019 19:33

Tgt Ion:202 Resp: 148996

Ion	Ratio	Lower	Upper
202	100		
101	9.8	0.0	29.5
203	16.7	0.0	37.6

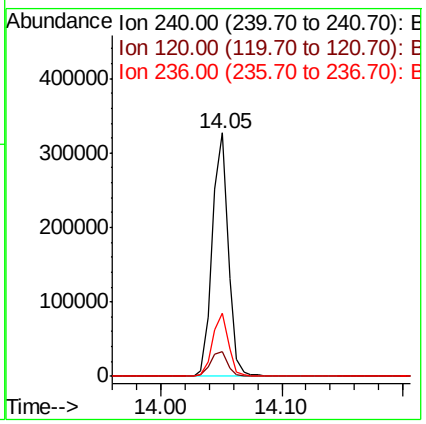




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.00 min
Lab File: BF118390.D
Acq: 30 Dec 2019 19:33

Tgt Ion:240 Resp: 295051

Ion	Ratio	Lower	Upper
240	100		
120	10.3	7.1	10.7
236	25.9	21.0	31.6



Instrument :
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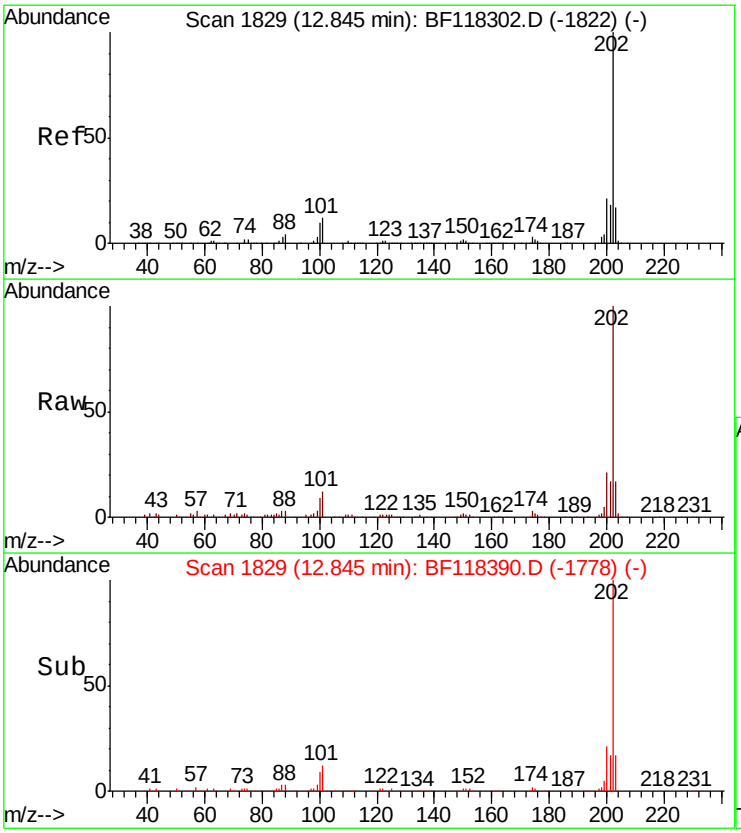
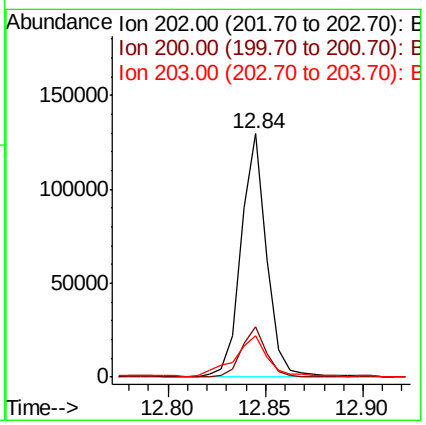
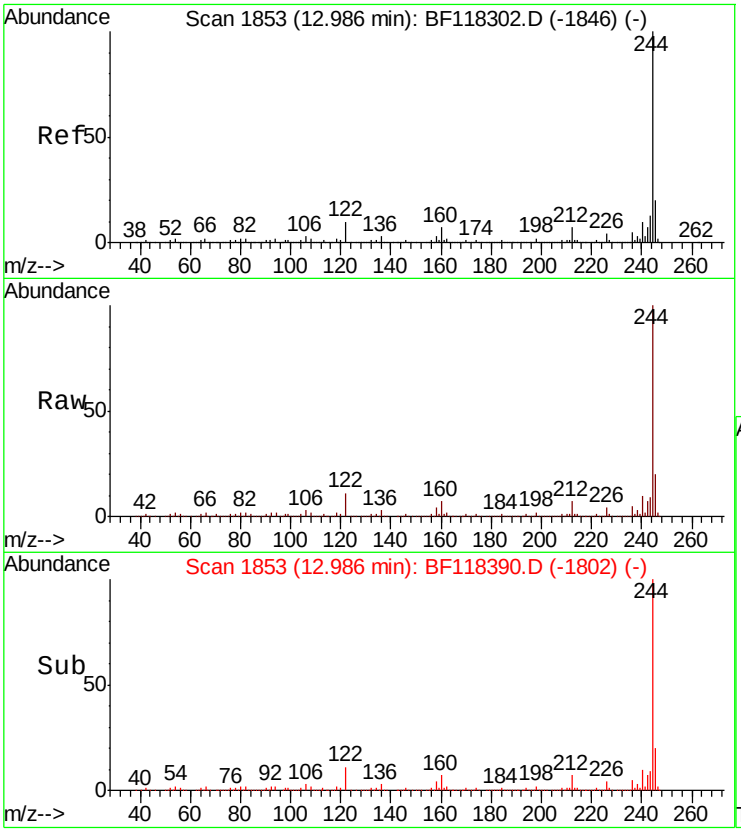


#78
Pyrene
Concen: 4.894 ng
RT: 12.84 min Scan# 1829
Delta R.T. -0.00 min
Lab File: BF118390.D
Acq: 30 Dec 2019 19:33

Tgt Ion:202 Resp: 117926

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.8	25.2
203	17.2	13.9	20.9

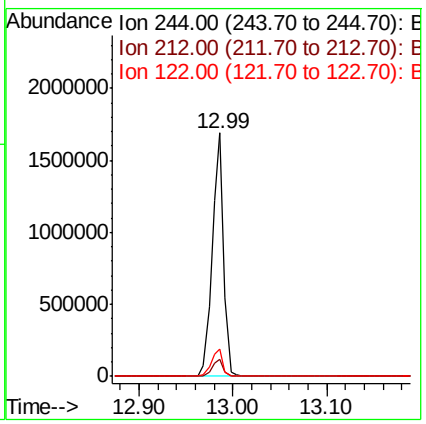




#79
Terphenyl-d14
Concen: 80.977 ng
RT: 12.99 min Scan# 1853
Delta R.T. -0.00 min
Lab File: BF118390.D
Acq: 30 Dec 2019 19:33

Tgt Ion:244 Resp: 1440142

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.2
122	11.0	7.8	11.8



Instrument :
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ClientSampleId :
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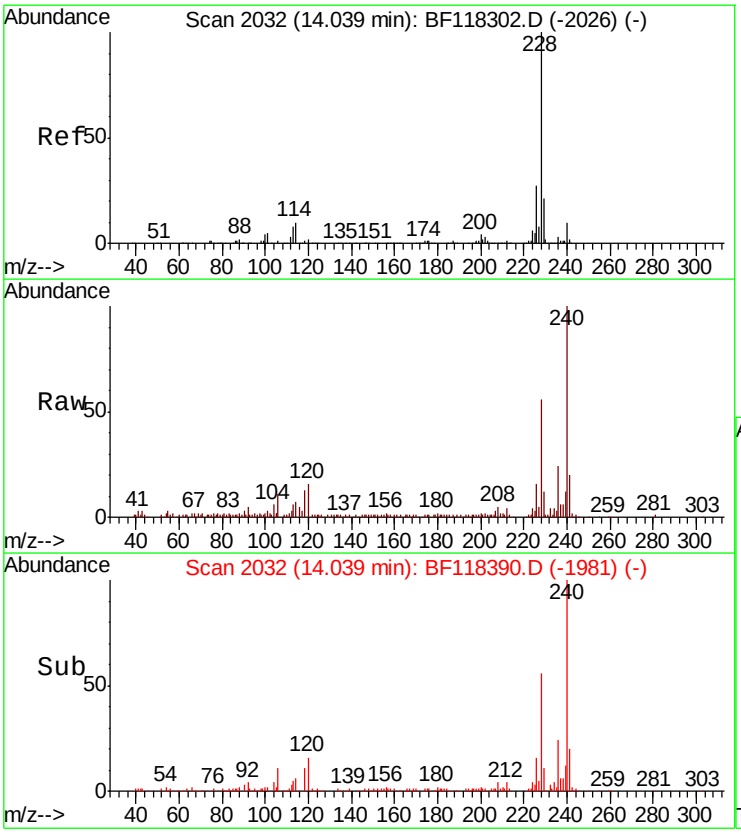
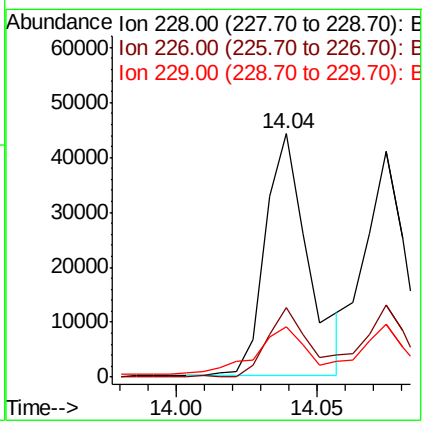
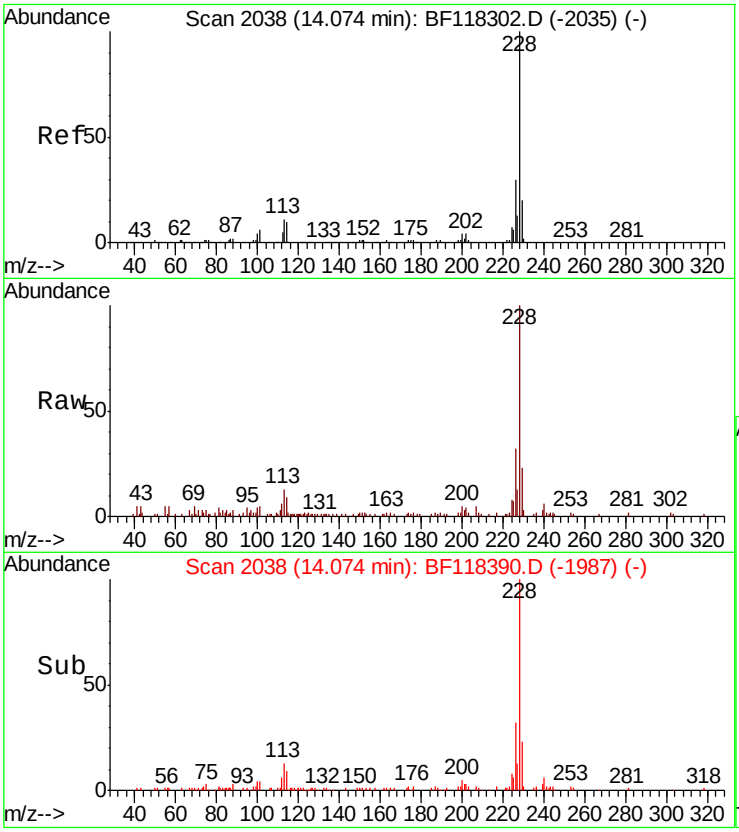


#81
Benzo(a)anthracene
Concen: 2.238 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.00 min
Lab File: BF118390.D
Acq: 30 Dec 2019 19:33

Tgt Ion:228 Resp: 46228

Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.0	33.0
229	20.6	16.6	24.8

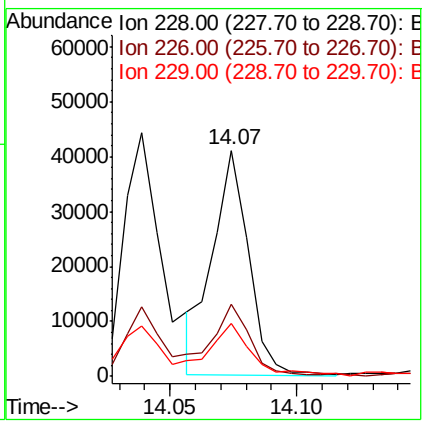




#83
Chrysene
Concen: 2.064 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.00 min
Lab File: BF118390.D
Acq: 30 Dec 2019 19:33

Tgt Ion:228 Resp: 40821

Ion	Ratio	Lower	Upper
228	100		
226	31.9	23.9	35.9
229	23.2	16.1	24.1



Instrument :
BNA_F
ClientSampleId :
RBR31-48

Manual Integrations APPROVED
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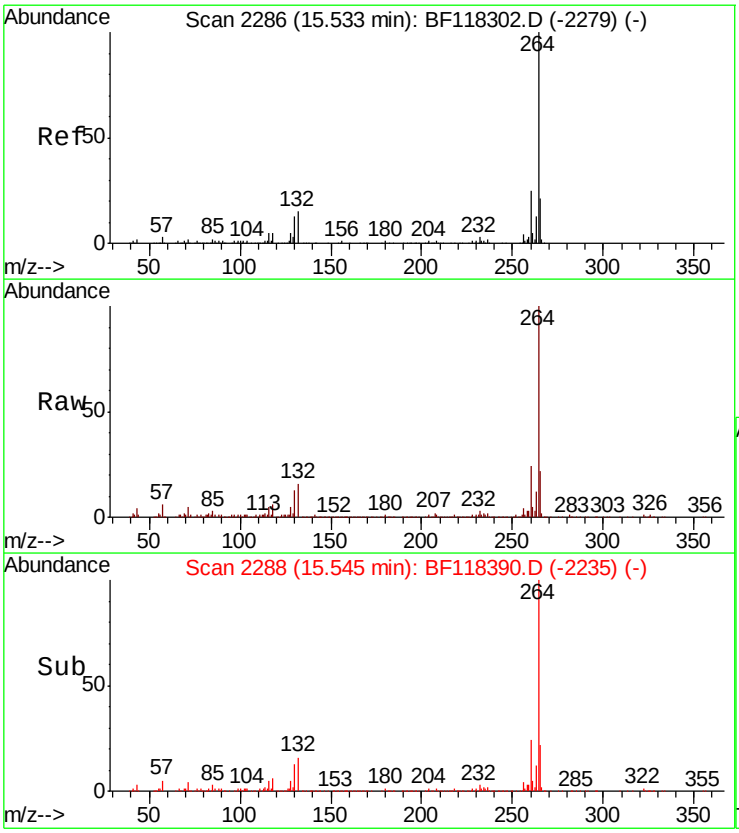
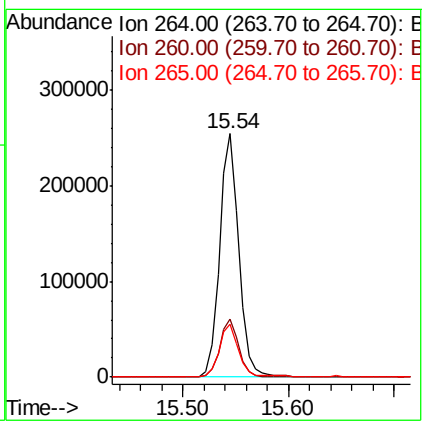
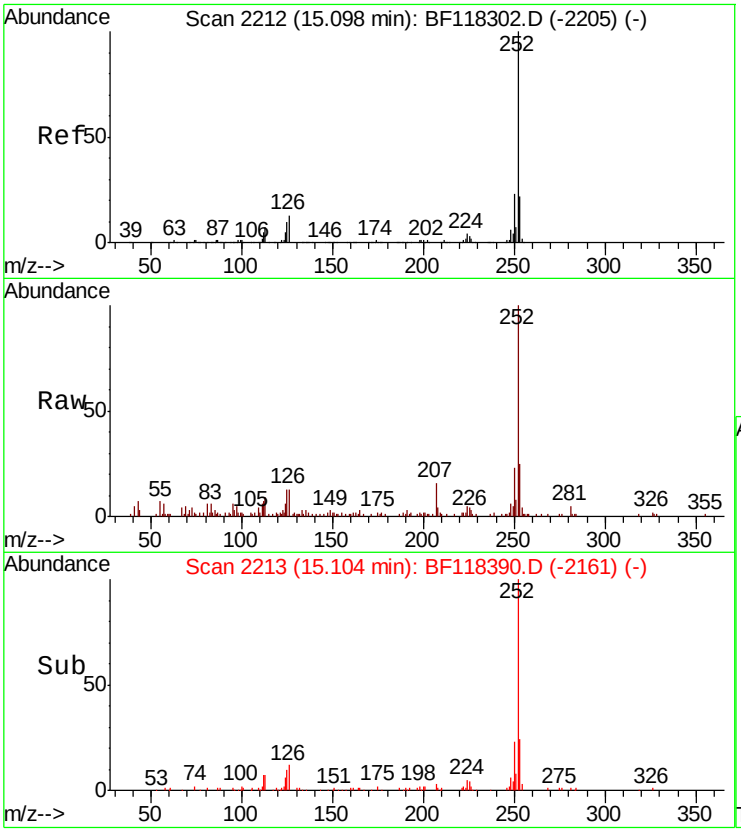


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. 0.01 min
Lab File: BF118390.D
Acq: 30 Dec 2019 19:33

Tgt Ion:264 Resp: 322463

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.8	29.6
265	21.9	17.0	25.4

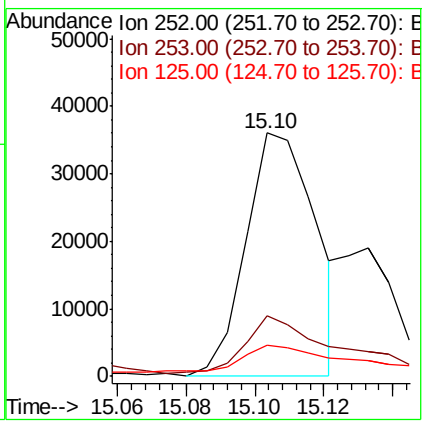




#88
Benzo(b)fluoranthene
Concen: 2.377 ng m
RT: 15.10 min Scan# 2213
Delta R.T. 0.01 min
Lab File: BF118390.D
Acq: 30 Dec 2019 19:33

Tgt Ion:252 Resp: 50873

Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.5	26.3
125	12.6	7.7	11.5#



Instrument :
BNA_F
ClientSampleId :
RBR31-48

Manual Integrations APPROVED
mohammad
12/31/2019 12:04:20 PM