Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090819\
Data File : BP000118.D
Acq On : 09 Sep 2019 03:11
Operator : HP/JU
Sample : K4662-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CL-01-090619

Manual Integrations APPROVED
mohammad
9/10/2019 2:51:21 PM

Quant Time: Sep 09 08:05:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 30 17:47:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	447599	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	1666906	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	887964	20.00	ng	-0.01
64) Phenanthrene-d10	11.43	188	1611519	20.00	ng	-0.01
76) Chrysene-d12	14.10	240	1265079	20.00	ng	-0.01
87) Perylene-d12	15.62	264	1337099	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	1649367	58.76	ng	0.00
7) Phenol-d6	6.51	99	2146566	60.58	ng	0.00
23) Nitrobenzene-d5	7.45	82	1152186	42.41	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	510863	68.25	ng	-0.01
45) 2-Fluorobiphenyl	9.25	172	2461762	46.30	ng	0.00
79) Terphenyl-d14	13.03	244	2664087	45.90	ng	0.00
Target Compounds						Qvalue
49) Acenaphthylene	9.79	152	277382	3.592	ng	97
50) Dimethylphthalate	9.64	163	271746	4.491	ng	99
71) Phenanthrene	11.45	178	286680	3.569	ng	97
72) Anthracene	11.50	178	178380	2.248	ng	99
75) Fluoranthene	12.65	202	756984	8.673	ng	97
78) Pyrene	12.89	202	948573	10.192	ng	96
81) Benzo(a)anthracene	14.09	228	523851m	6.390	ng	
83) Chrysene	14.12	228	479199	6.180	ng	97
86) Indeno(1,2,3-cd)pyrene	17.16	276	347521m	3.577	ng	
88) Benzo(b)fluoranthene	15.17	252	720579m	8.823	ng	
89) Benzo(k)fluoranthene	15.20	252	257323m	3.443	ng	
90) Benzo(a)pyrene	15.55	252	539459	7.317	ng	98
92) Benzo(g,h,i)perylene	17.63	276	335110	4.592	ng	98

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

Quantitation Report (LSC Reviewed)

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Data File : BP000118.D
Acq On : 09 Sep 2019 03:11
Operator : HP/JU
Sample : K4662-01 2X
Misc :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 30 17:47:17 2019
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
CL-01-090619

Manual Integrations APPROVED
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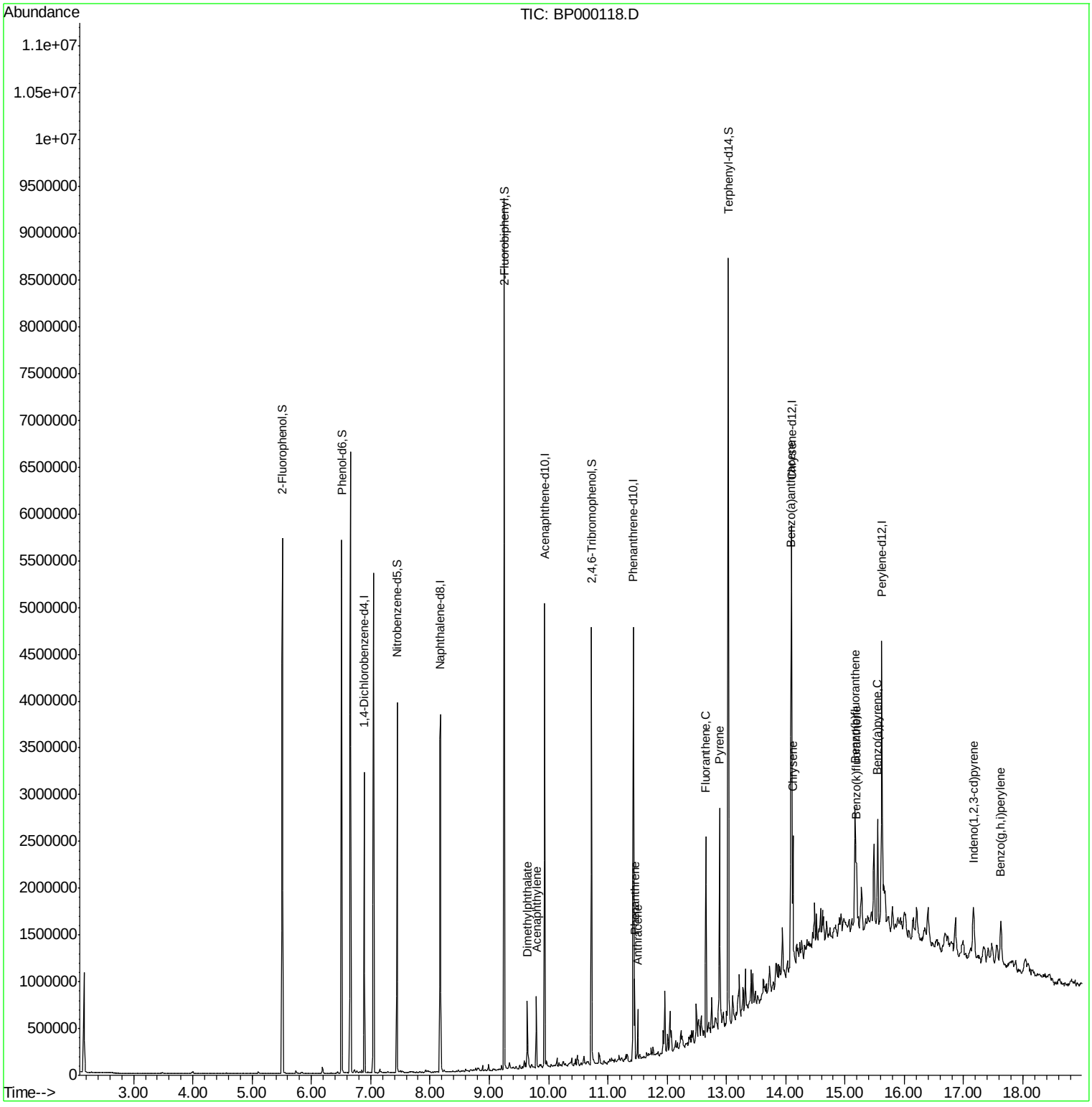
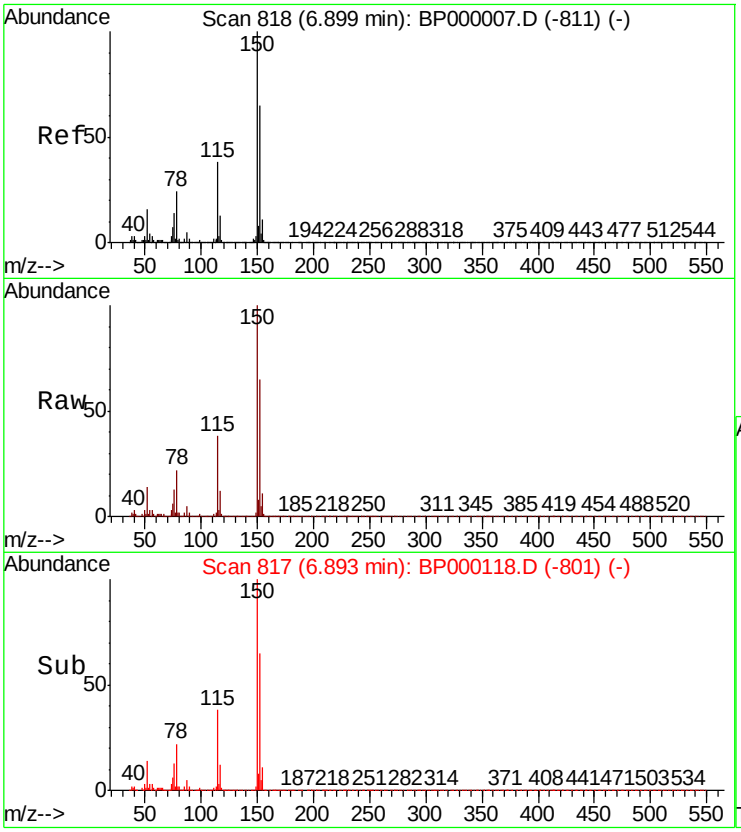
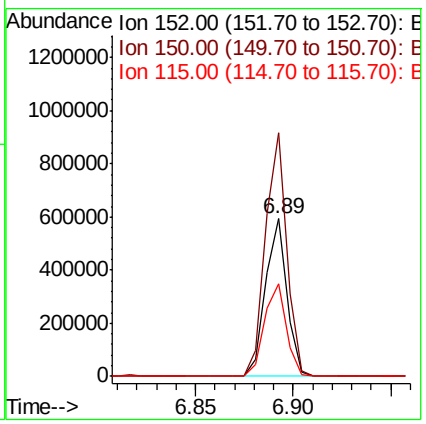




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BP000118.D
Acq: 09 Sep 2019 03:11

Tgt Ion:152 Resp: 447599

Ion	Ratio	Lower	Upper
152	100		
150	154.7	123.0	184.6
115	58.7	46.7	70.1



Instrument :
BNA_P
ClientSampleId :
CL-01-090619

Manual Integrations APPROVED
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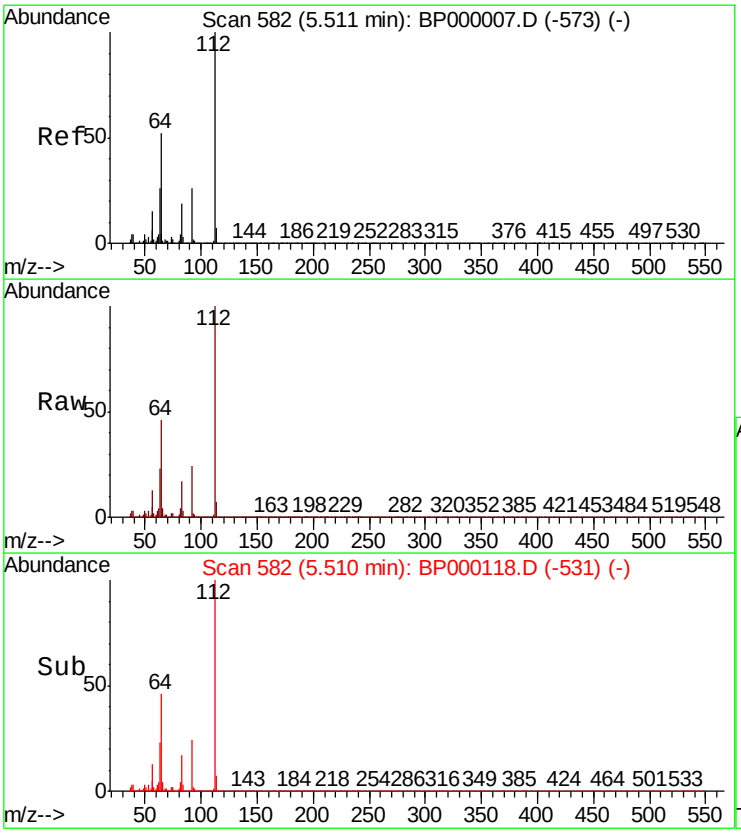
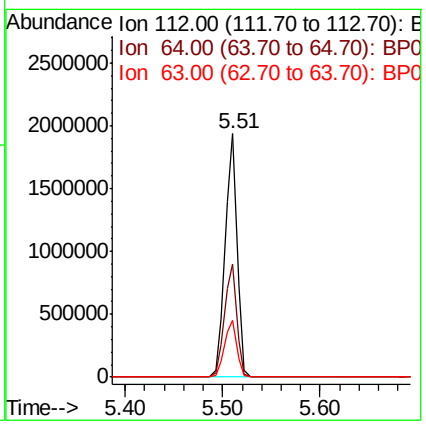
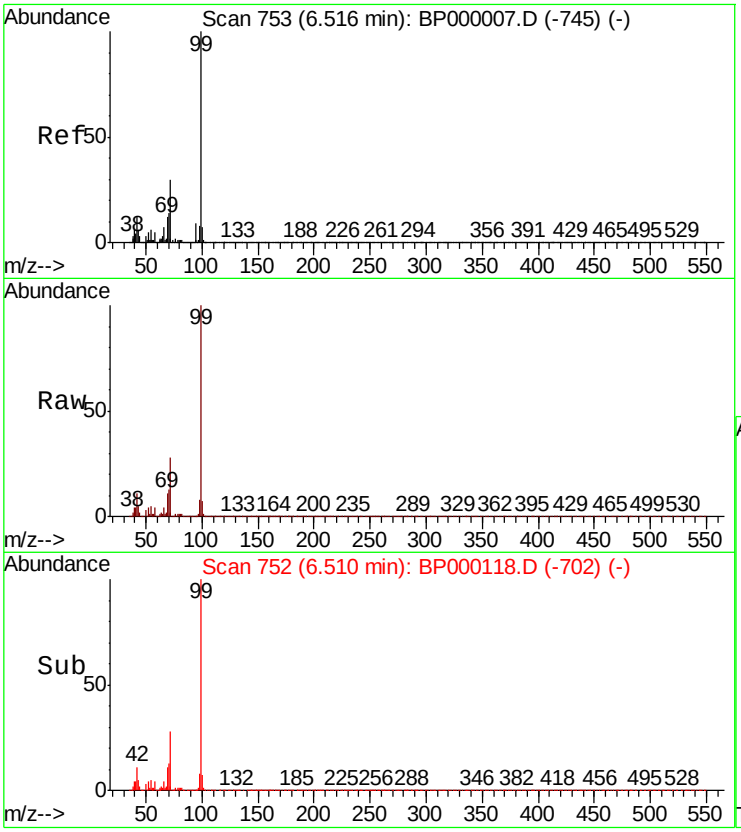


#5
2-Fluorophenol
Concen: 58.761 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.00 min
Lab File: BP000118.D
Acq: 09 Sep 2019 03:11

Tgt Ion:112 Resp: 1649367

Ion	Ratio	Lower	Upper
112	100		
64	46.2	41.8	62.8
63	23.3	21.0	31.4

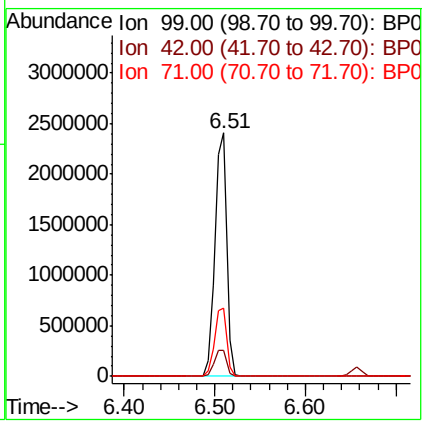




#7
Phenol-d6
Concen: 60.577 ng
RT: 6.51 min Scan# 752
Delta R.T. -0.01 min
Lab File: BP000118.D
Acq: 09 Sep 2019 03:11

Tgt Ion: 99 Resp: 2146566

Ion	Ratio	Lower	Upper
99	100		
42	10.9	9.8	14.8
71	28.3	23.8	35.8



Instrument :
BNA_P
ClientSampleId :
CL-01-090619

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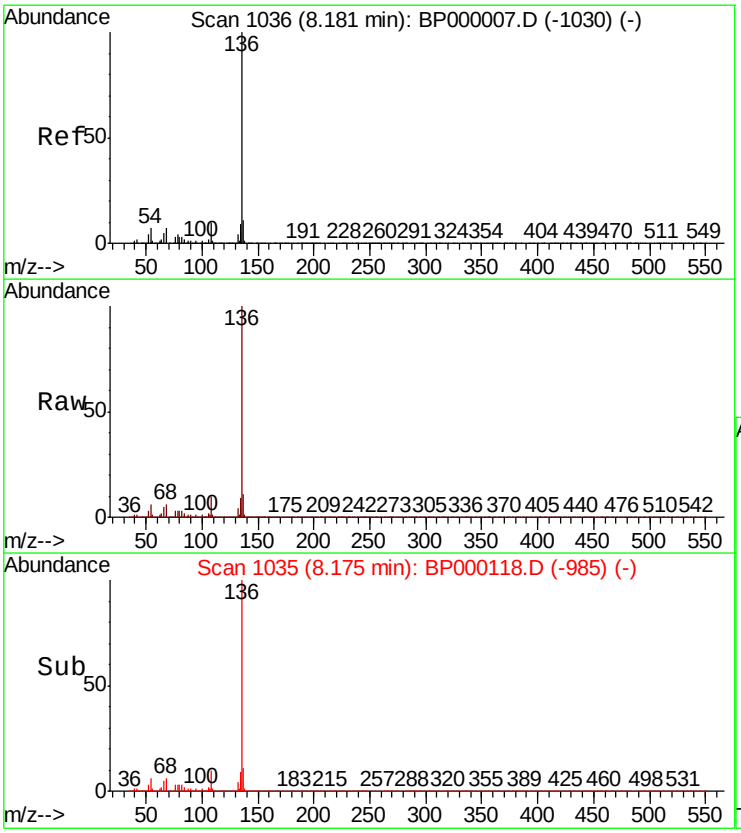
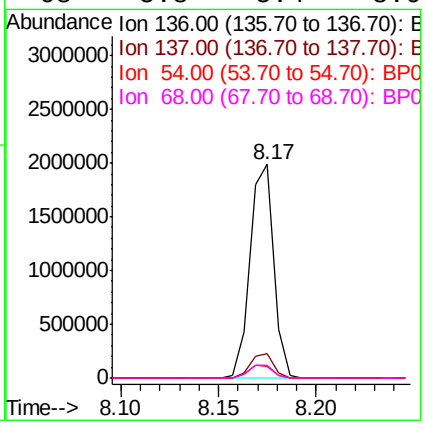
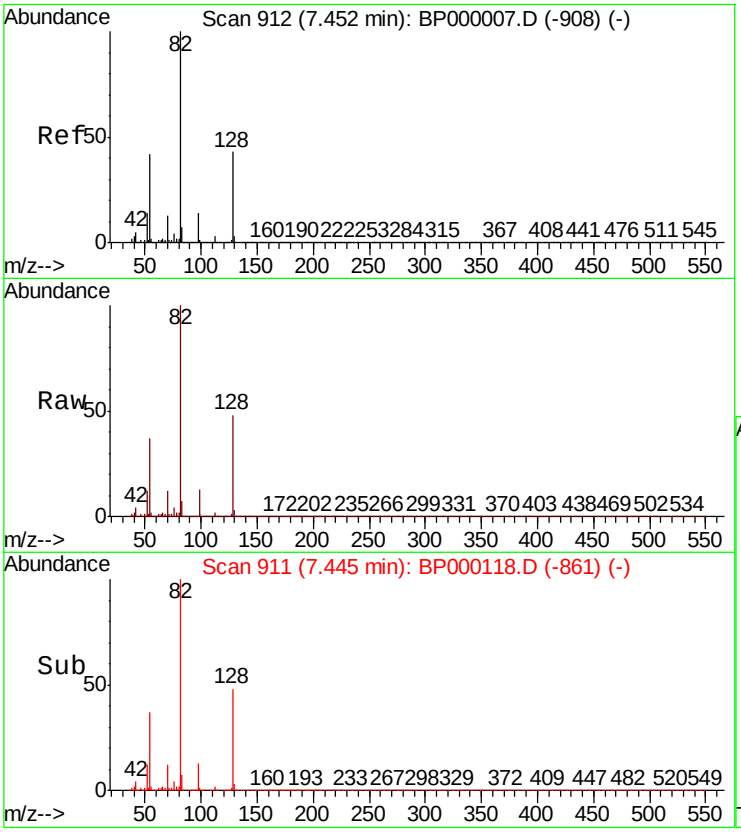


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BP000118.D
Acq: 09 Sep 2019 03:11

Tgt Ion:136 Resp: 1666906

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	5.7	5.4	8.2
68	5.8	5.4	8.0

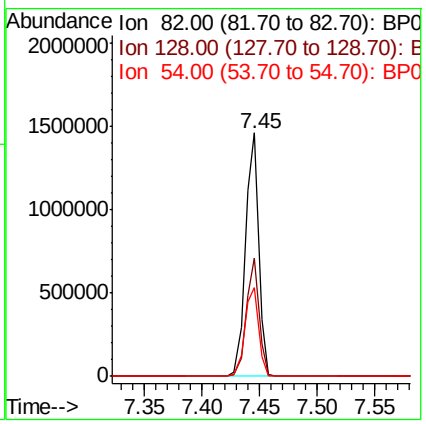




#23
Nitrobenzene-d5
Concen: 42.413 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BP000118.D
Acq: 09 Sep 2019 03:11

Tgt Ion: 82 Resp: 1152186

Ion	Ratio	Lower	Upper
82	100		
128	48.5	34.5	51.7
54	36.7	33.2	49.8



Instrument :
BNA_P
ClientSampleId :
CL-01-090619

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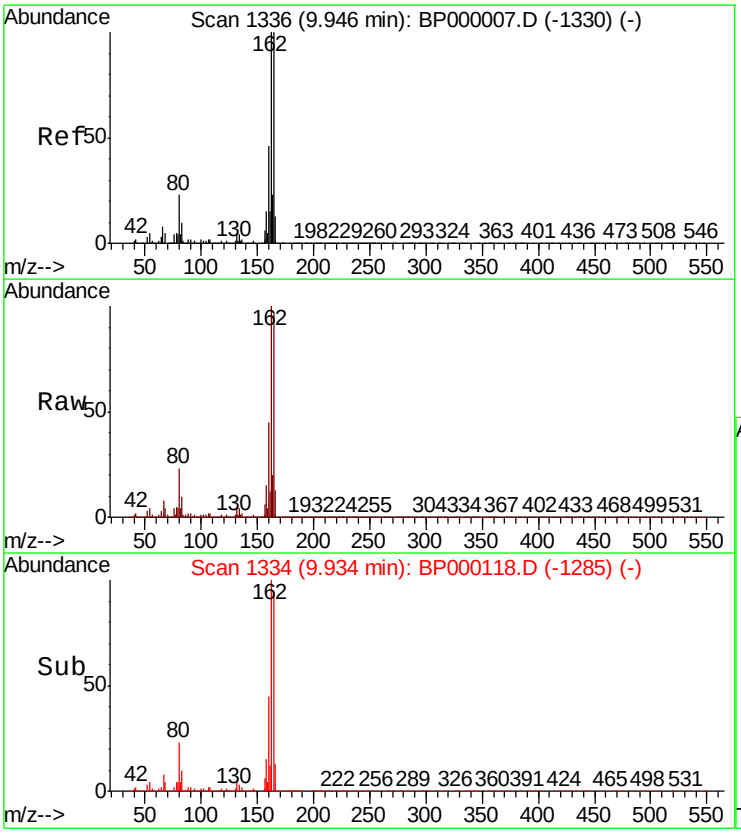
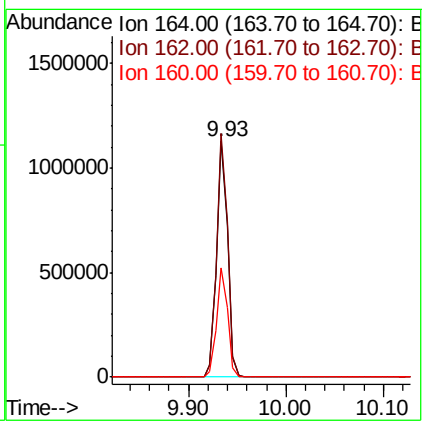
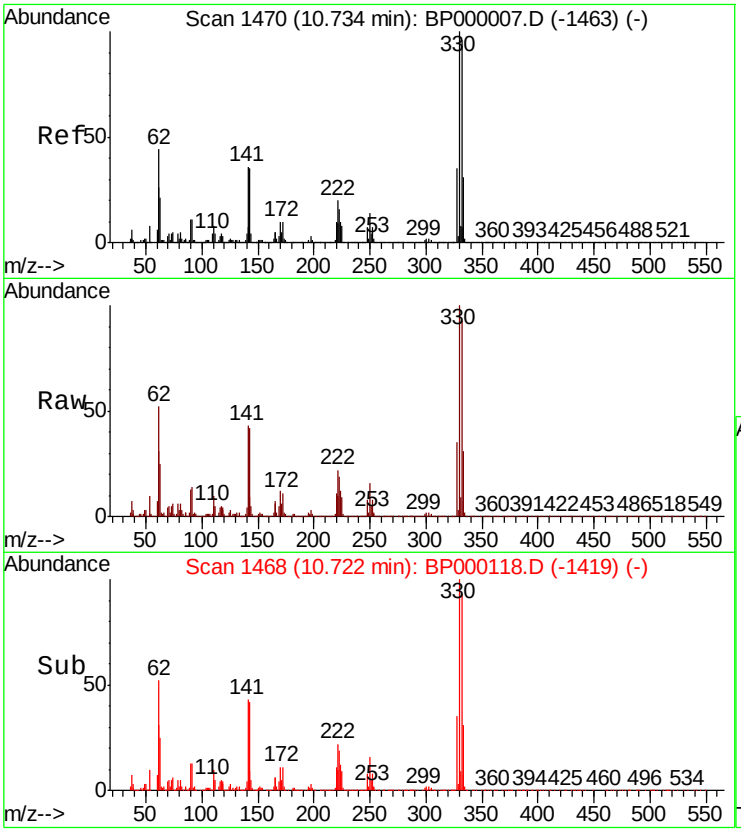


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BP000118.D
Acq: 09 Sep 2019 03:11

Tgt Ion:164 Resp: 887964

Ion	Ratio	Lower	Upper
164	100		
162	103.3	80.2	120.4
160	46.5	36.6	55.0

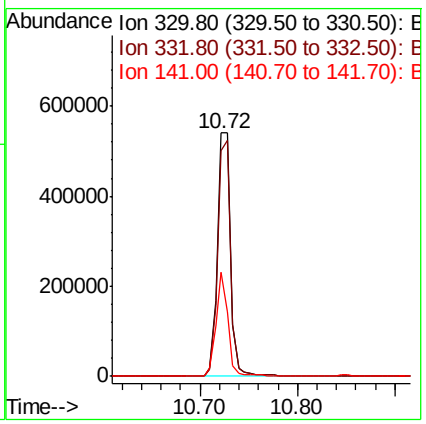




#42
2,4,6-Tribromophenol
Concen: 68.255 ng
RT: 10.72 min Scan# 1468
Delta R.T. -0.01 min
Lab File: BP000118.D
Acq: 09 Sep 2019 03:11

Tgt Ion:330 Resp: 510863

Ion	Ratio	Lower	Upper
330	100		
332	95.2	76.8	115.2
141	37.4	33.6	50.4



Instrument :
BNA_P
ClientSampleId :
CL-01-090619

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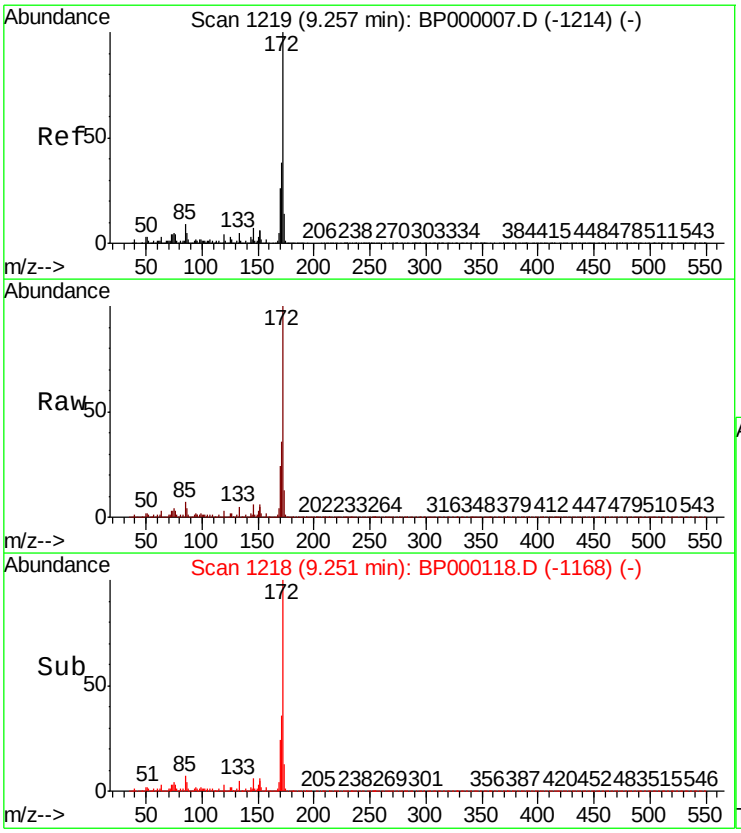
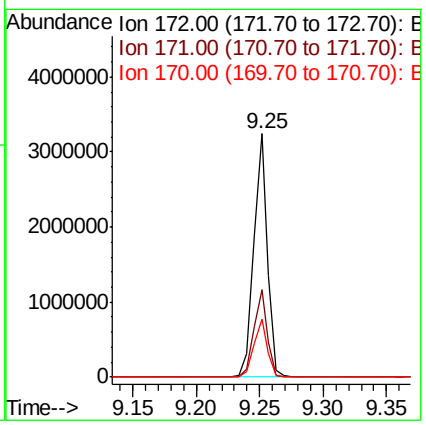
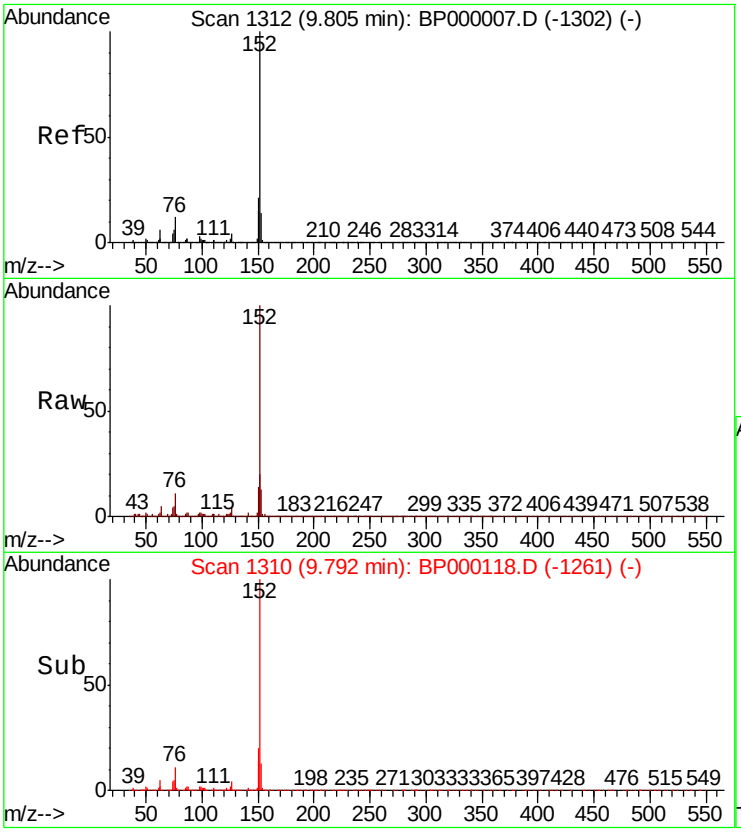


#45
2-Fluorobiphenyl
Concen: 46.298 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BP000118.D
Acq: 09 Sep 2019 03:11

Tgt Ion:172 Resp: 2461762

Ion	Ratio	Lower	Upper
172	100		
171	36.1	30.7	46.1
170	23.9	20.7	31.1

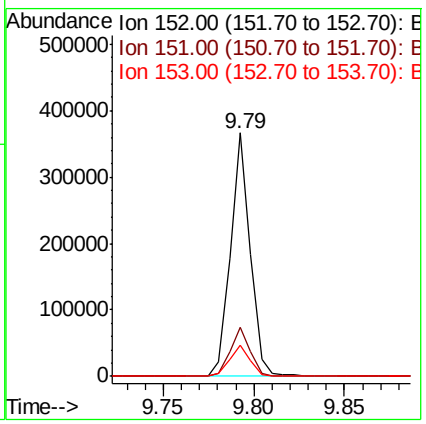




#49
Acenaphthylene
Concen: 3.592 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BP000118.D
Acq: 09 Sep 2019 03:11

Tgt Ion:152 Resp: 277382

Ion	Ratio	Lower	Upper
152	100		
151	20.0	17.0	25.6
153	12.9	11.0	16.6



Instrument :
BNA_P
ClientSampleId :
CL-01-090619

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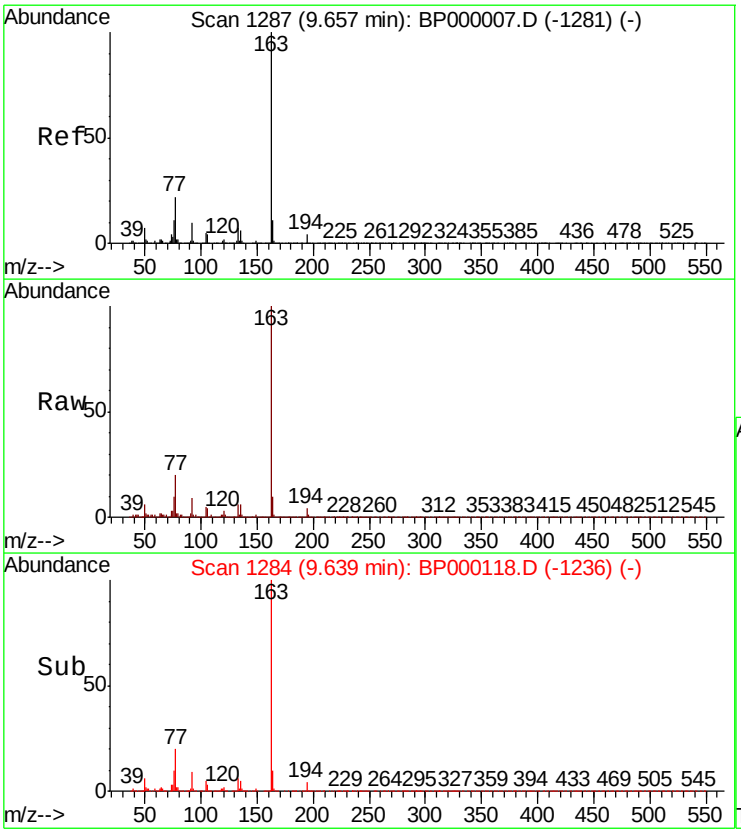
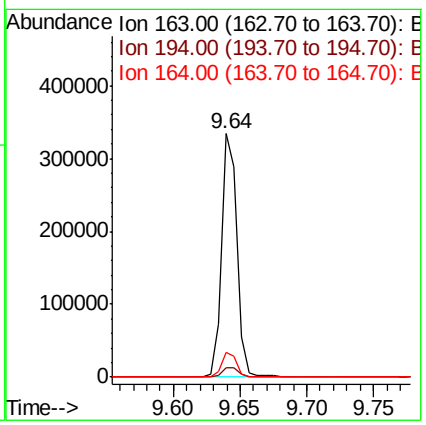
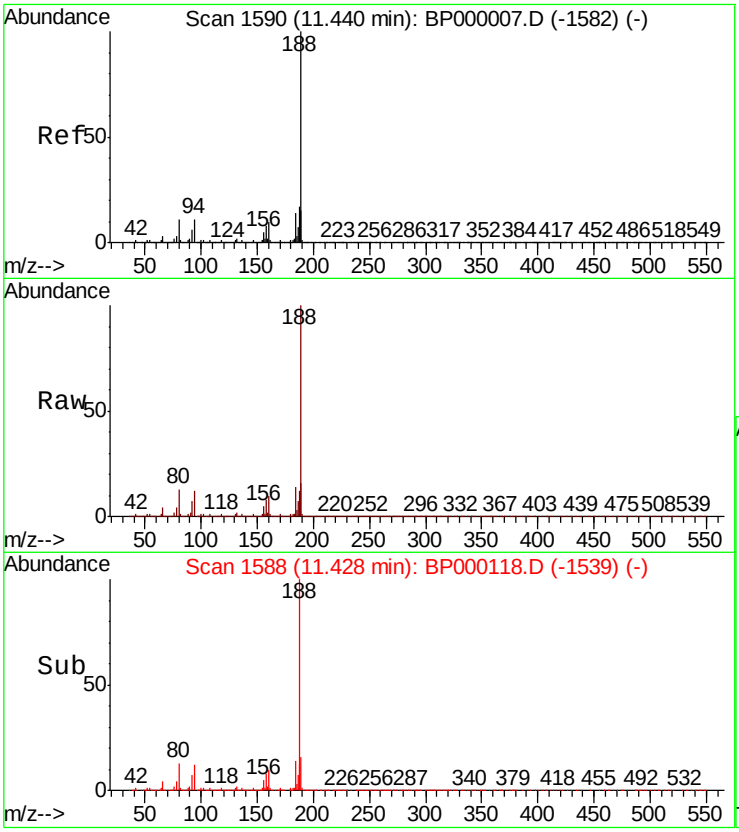


#50
Dimethylphthalate
Concen: 4.491 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BP000118.D
Acq: 09 Sep 2019 03:11

Tgt Ion:163 Resp: 271746

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.3	4.9
164	10.1	8.4	12.6

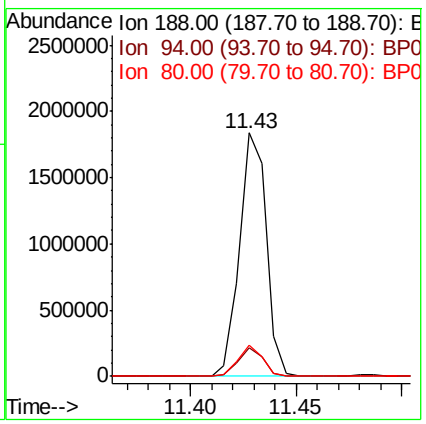




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BP000118.D
Acq: 09 Sep 2019 03:11

Tgt Ion:188 Resp: 1611519

Ion	Ratio	Lower	Upper
188	100		
94	11.9	8.8	13.2
80	12.5	9.0	13.6



Instrument :
BNA_P
ClientSampleId :
CL-01-090619

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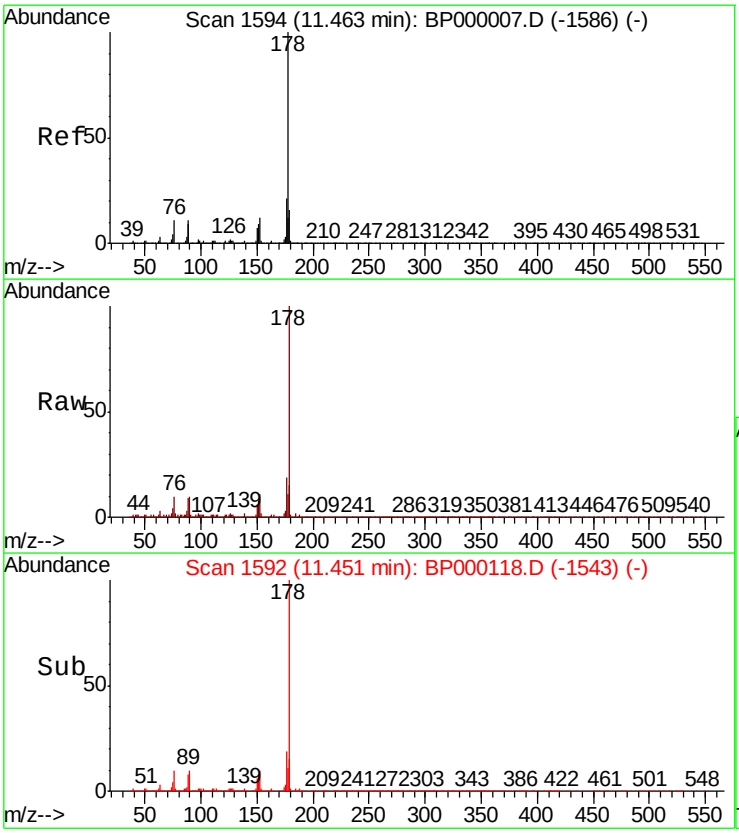
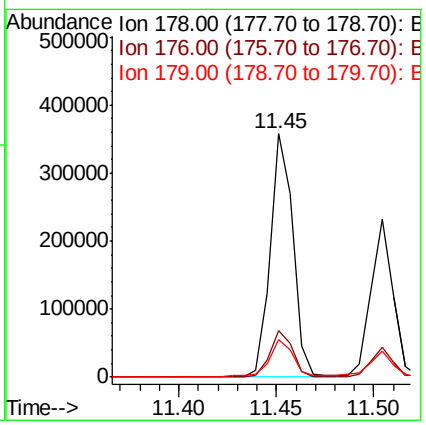
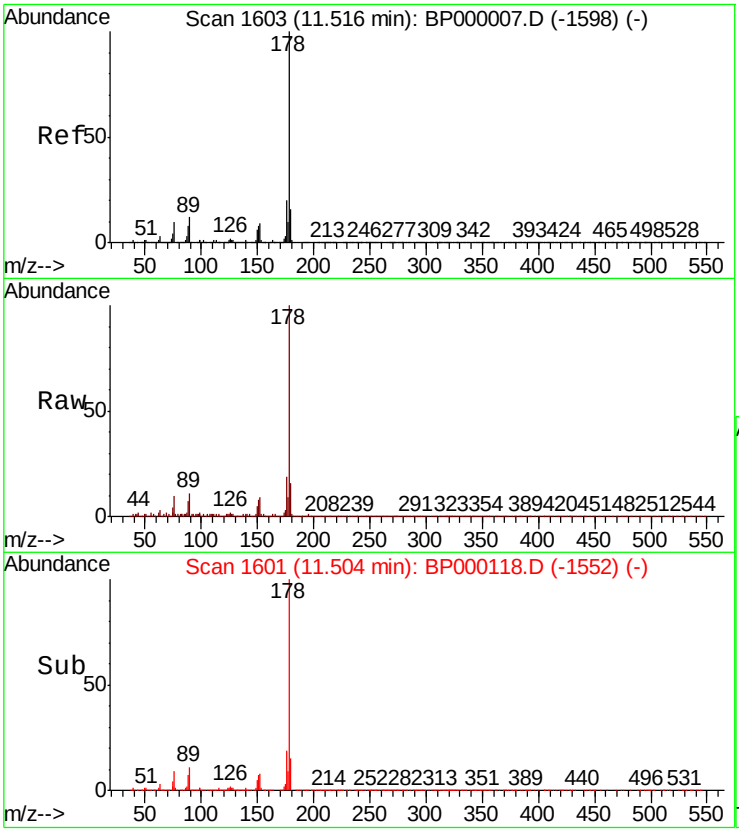


#71
Phenanthrene
Concen: 3.569 ng
RT: 11.45 min Scan# 1592
Delta R.T. -0.01 min
Lab File: BP000118.D
Acq: 09 Sep 2019 03:11

Tgt Ion:178 Resp: 286680

Ion	Ratio	Lower	Upper
178	100		
176	18.9	16.7	25.1
179	15.5	13.1	19.7

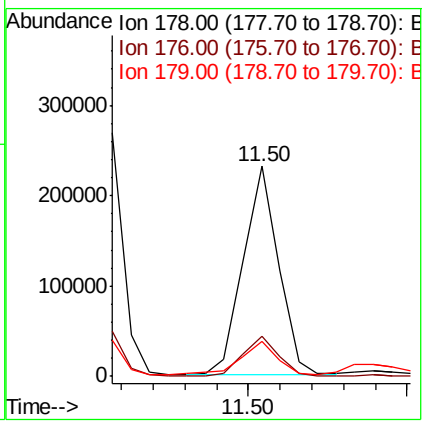




#72
Anthracene
Concen: 2.248 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BP000118.D
Acq: 09 Sep 2019 03:11

Tgt Ion:178 Resp: 178380

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.9	23.9
179	16.5	13.0	19.6



Instrument :
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ClientSampleId :
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Manual Integrations APPROVED
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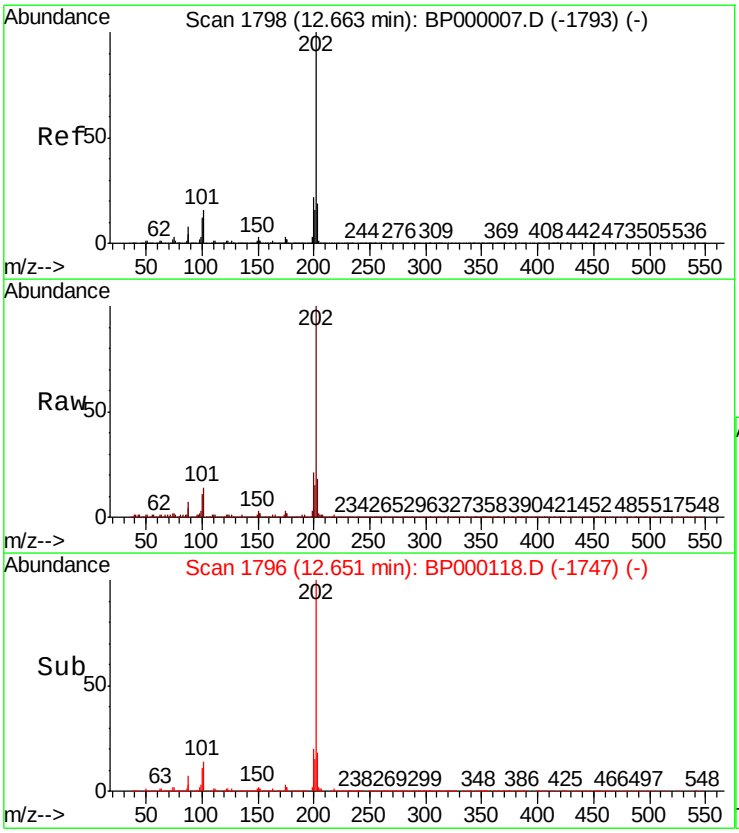
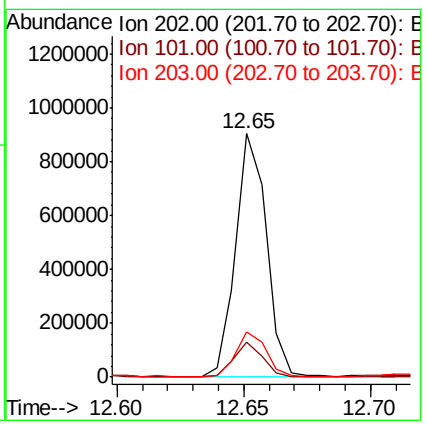
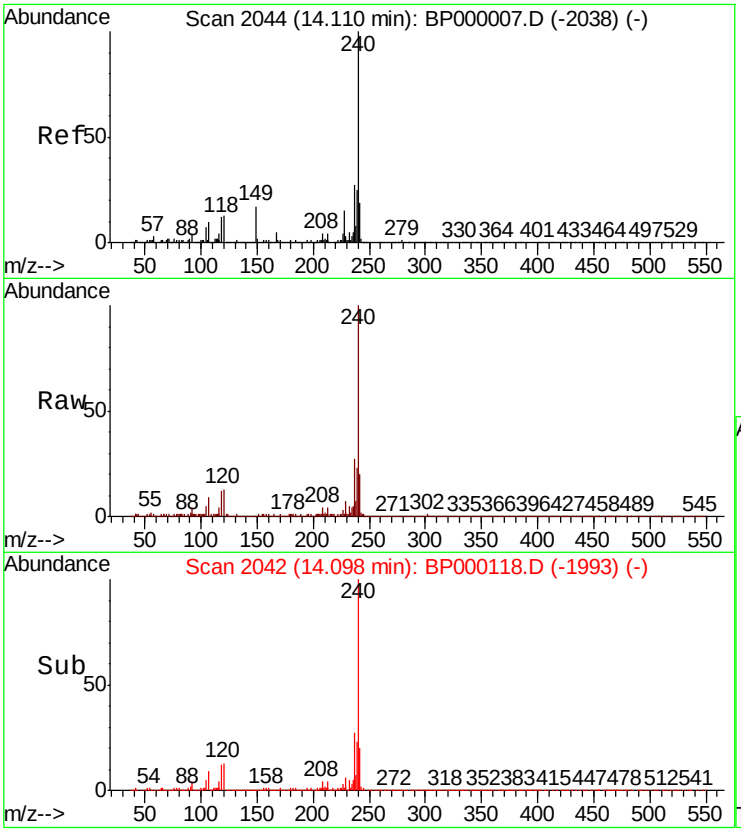


#75
Fluoranthene
Concen: 8.673 ng
RT: 12.65 min Scan# 1796
Delta R.T. -0.01 min
Lab File: BP000118.D
Acq: 09 Sep 2019 03:11

Tgt Ion:202 Resp: 756984

Ion	Ratio	Lower	Upper
202	100		
101	14.4	0.0	36.4
203	18.4	0.0	38.7

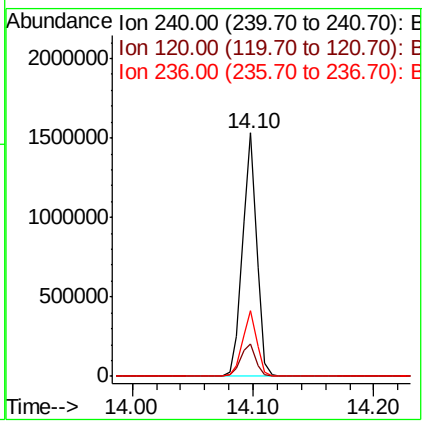




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.10 min Scan# 2042
Delta R.T. -0.01 min
Lab File: BP000118.D
Acq: 09 Sep 2019 03:11

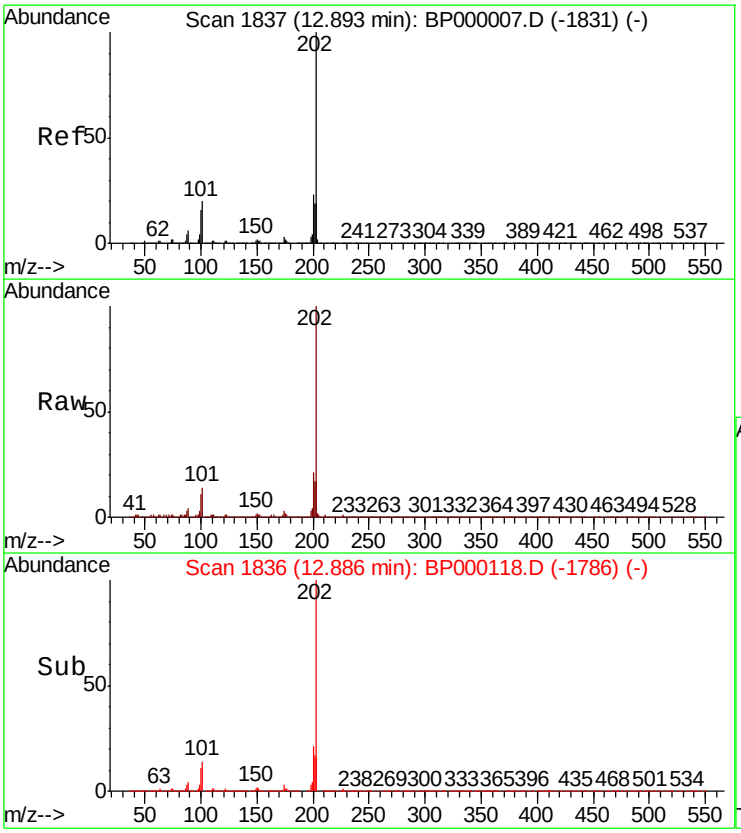
Tgt Ion:240 Resp: 1265079

Ion	Ratio	Lower	Upper
240	100		
120	13.2	10.5	15.7
236	26.9	21.5	32.3



Instrument :
BNA_P
ClientSampleId :
CL-01-090619

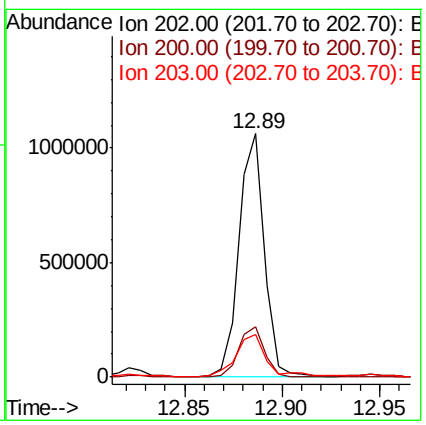
Manual Integrations APPROVED
mohammad
9/10/2019 2:51:21 PM

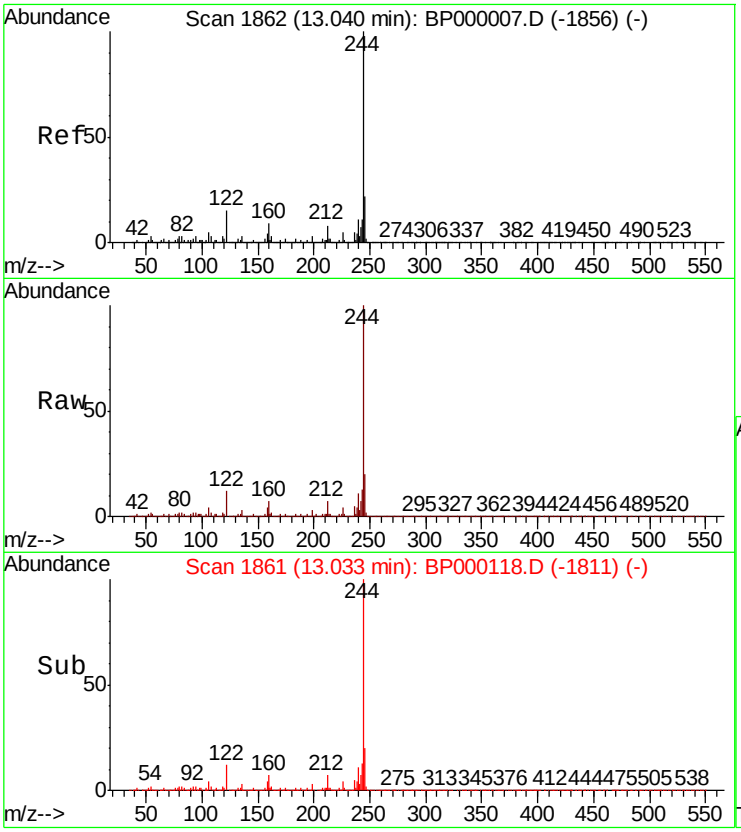


#78
Pyrene
Concen: 10.192 ng
RT: 12.89 min Scan# 1836
Delta R.T. -0.01 min
Lab File: BP000118.D
Acq: 09 Sep 2019 03:11

Tgt Ion:202 Resp: 948573

Ion	Ratio	Lower	Upper
202	100		
200	20.8	18.5	27.7
203	17.3	15.1	22.7

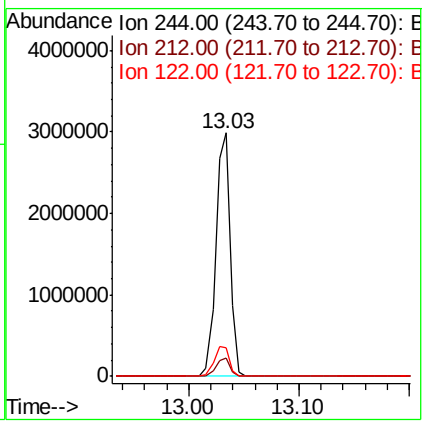




#79
Terphenyl-d14
Concen: 45.900 ng
RT: 13.03 min Scan# 1861
Delta R.T. -0.01 min
Lab File: BP000118.D
Acq: 09 Sep 2019 03:11

Tgt Ion:244 Resp: 2664087

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.6	10.0
122	11.6	12.3	18.5#



Instrument :
BNA_P
ClientSampleId :
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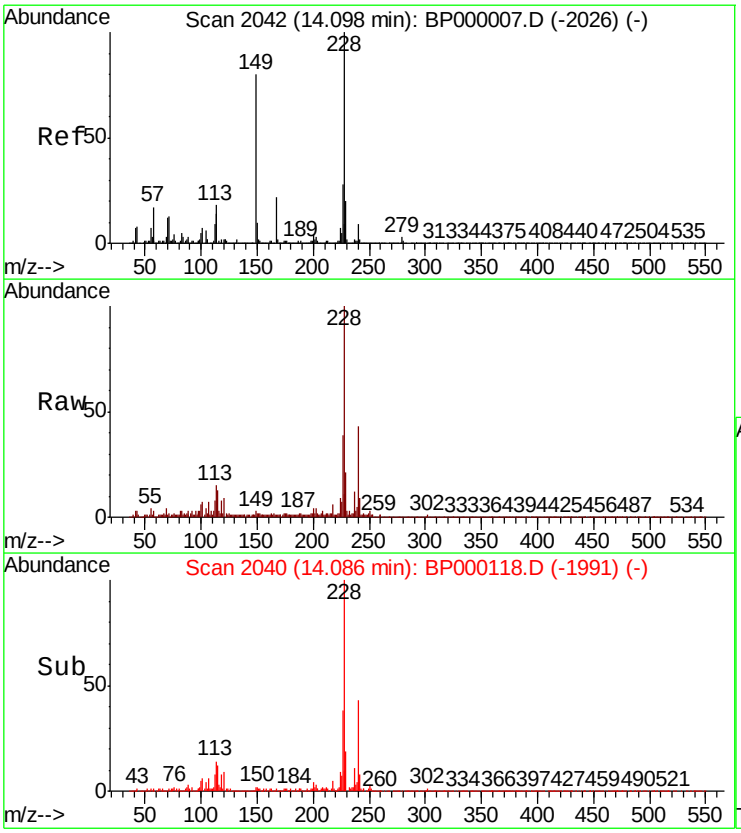
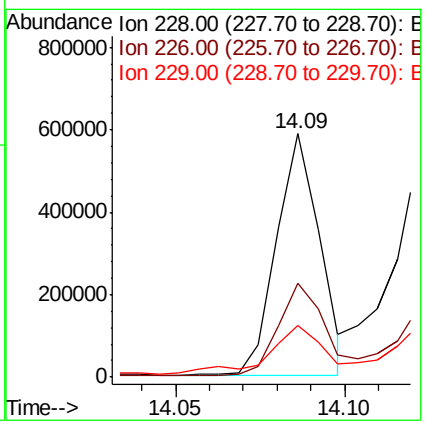
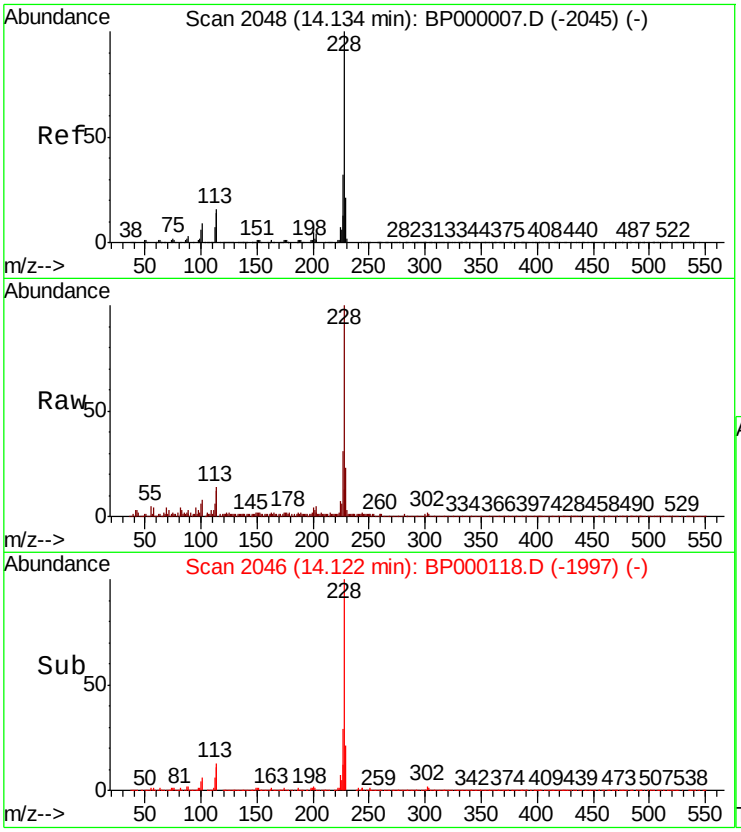


#81
Benzo(a)anthracene
Concen: 6.390 ng m
RT: 14.09 min Scan# 2040
Delta R.T. -0.01 min
Lab File: BP000118.D
Acq: 09 Sep 2019 03:11

Tgt Ion:228 Resp: 523851

Ion	Ratio	Lower	Upper
228	100		
226	38.6	22.5	33.7#
229	21.4	16.2	24.2

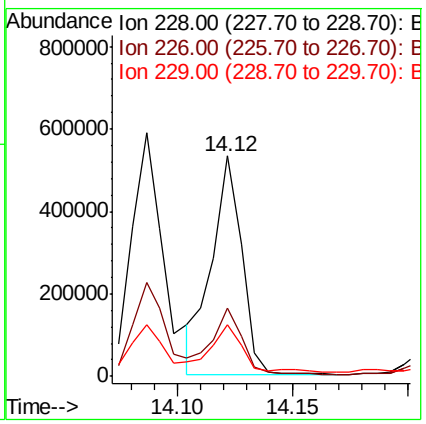




#83
Chrysene
Concen: 6.180 ng
RT: 14.12 min Scan# 2046
Delta R.T. -0.01 min
Lab File: BP000118.D
Acq: 09 Sep 2019 03:11

Tgt Ion:228 Resp: 479199

Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.5	38.3
229	23.3	16.5	24.7



Instrument :
BNA_P
ClientSampleId :
CL-01-090619

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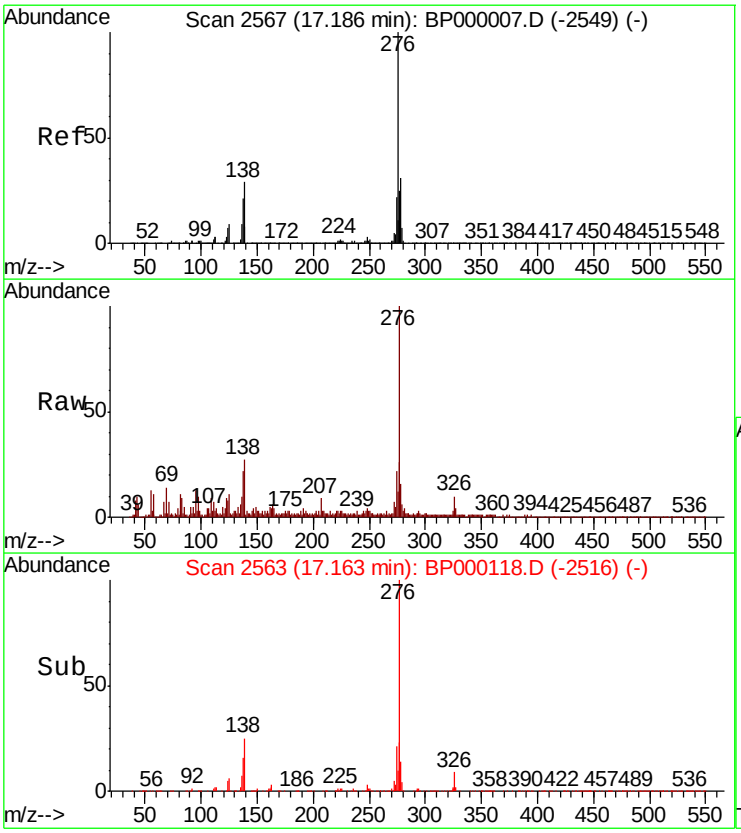
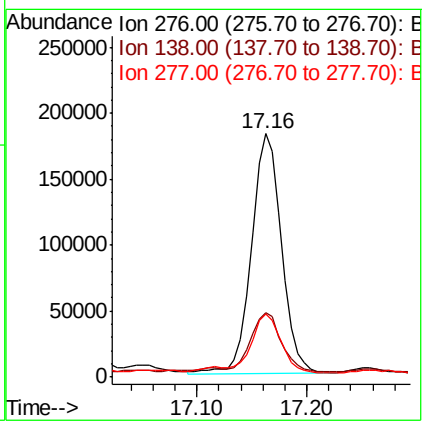
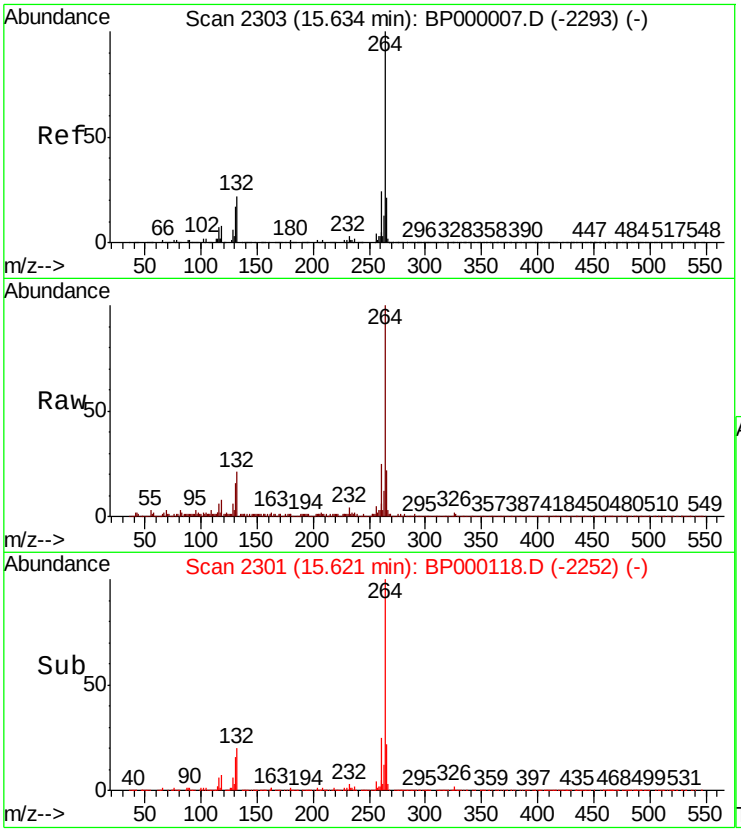


#86
Indeno(1,2,3-cd)pyrene
Concen: 3.577 ng m
RT: 17.16 min Scan# 2563
Delta R.T. -0.02 min
Lab File: BP000118.D
Acq: 09 Sep 2019 03:11

Tgt Ion:276 Resp: 347521

Ion	Ratio	Lower	Upper
276	100		
138	5.3	26.5	39.7#
277	5.1	20.3	30.5#

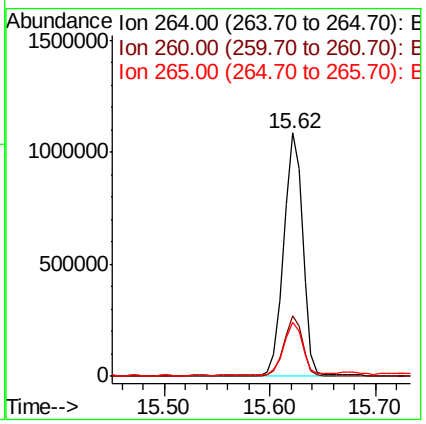




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.62 min Scan# 2301
Delta R.T. -0.01 min
Lab File: BP000118.D
Acq: 09 Sep 2019 03:11

Tgt Ion:264 Resp: 1337099

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.1	28.7
265	22.2	17.1	25.7



Instrument :
BNA_P
ClientSampleId :
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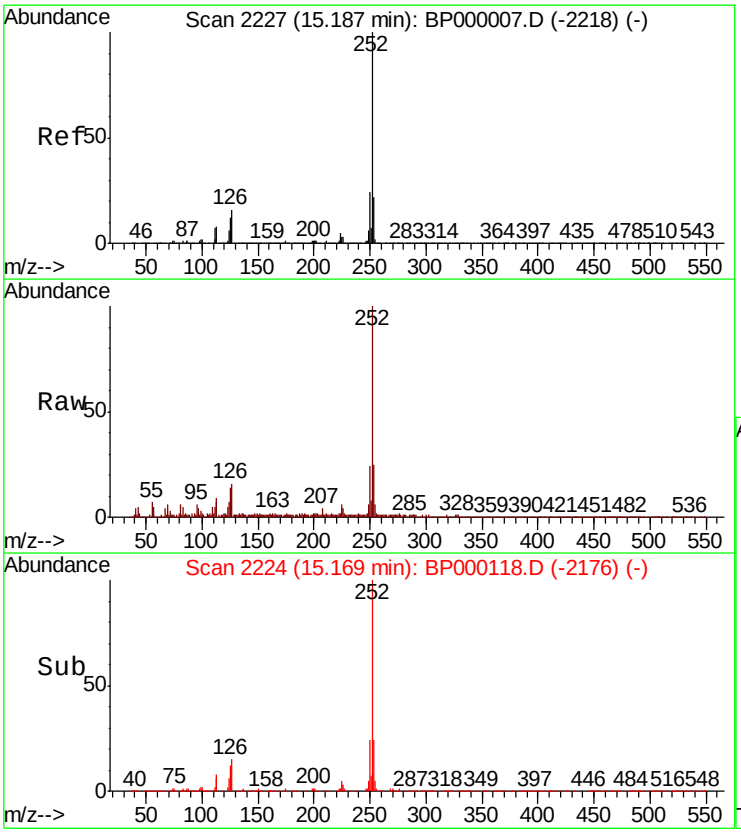
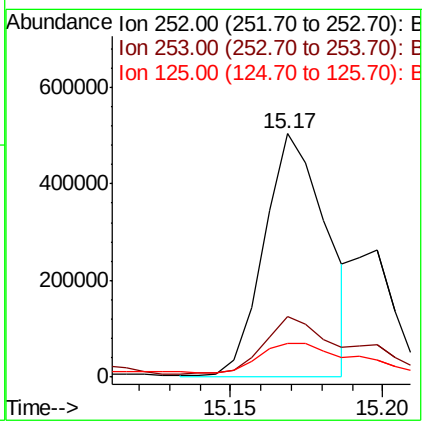
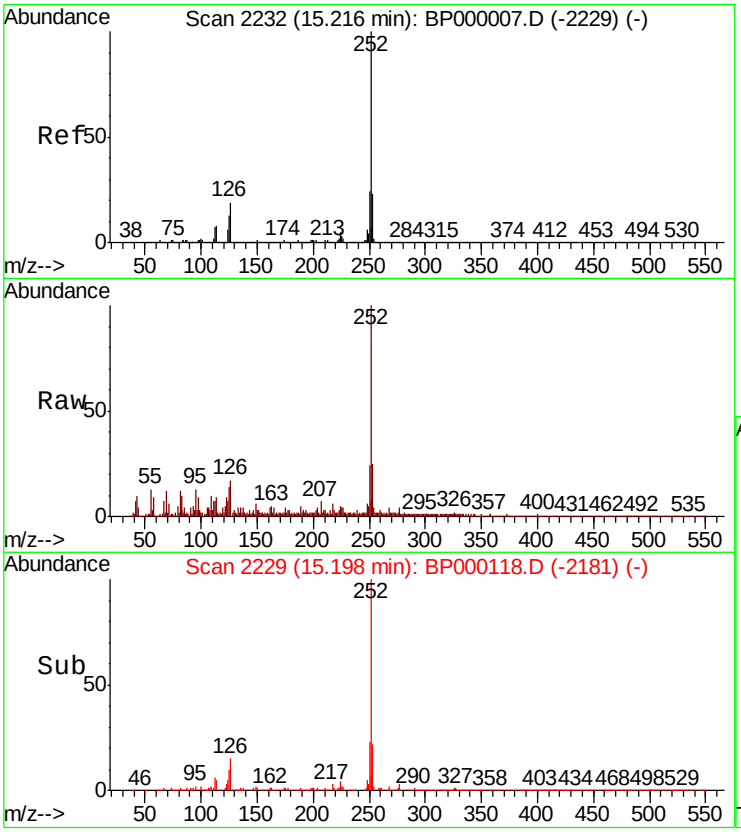


#88
Benzo(b)fluoranthene
Concen: 8.823 ng m
RT: 15.17 min Scan# 2224
Delta R.T. -0.02 min
Lab File: BP000118.D
Acq: 09 Sep 2019 03:11

Tgt Ion:252 Resp: 720579

Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.8	26.6
125	13.7	9.4	14.2

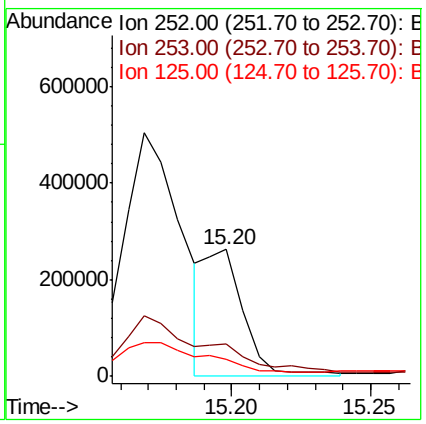




#89
Benzo(k)fluoranthene
Concen: 3.443 ng m
RT: 15.20 min Scan# 2229
Delta R.T. -0.02 min
Lab File: BP000118.D
Acq: 09 Sep 2019 03:11

Tgt Ion:252 Resp: 257323

Ion	Ratio	Lower	Upper
252	100		
253	25.3	18.0	27.0
125	13.9	10.3	15.5



Instrument :
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ClientSampleId :
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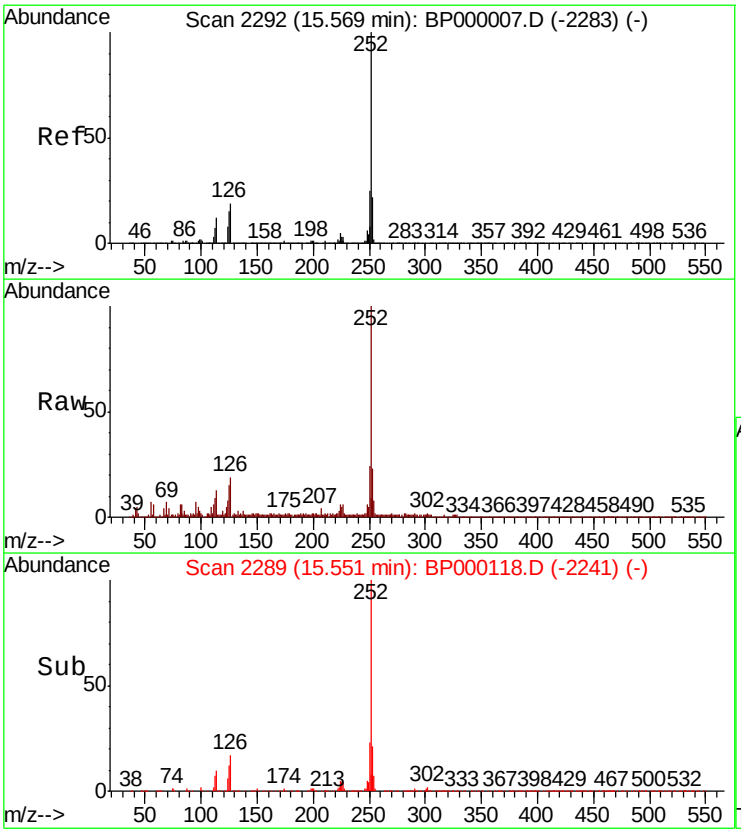
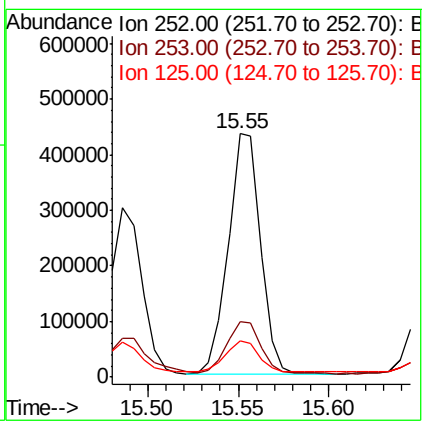
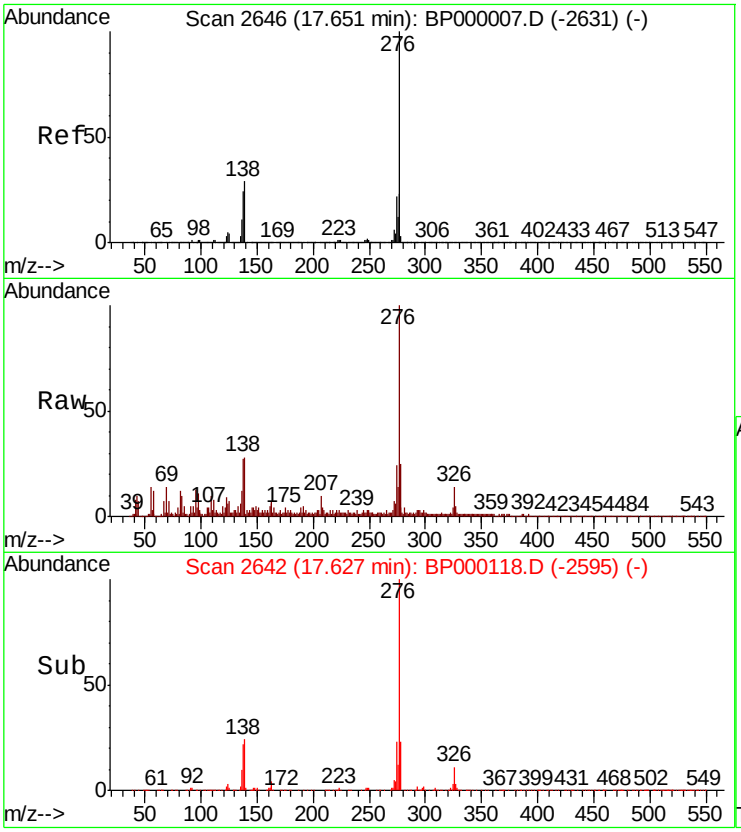


#90
Benzo(a)pyrene
Concen: 7.317 ng
RT: 15.55 min Scan# 2289
Delta R.T. -0.02 min
Lab File: BP000118.D
Acq: 09 Sep 2019 03:11

Tgt Ion:252 Resp: 539459

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.5	26.3
125	15.1	11.7	17.5

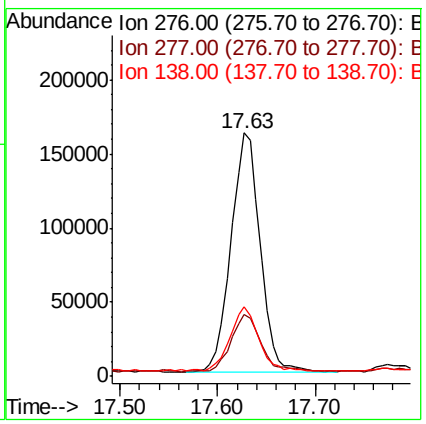




#92
Benzo(g,h,i)perylene
Concen: 4.592 ng
RT: 17.63 min Scan# 2642
Delta R.T. -0.02 min
Lab File: BP000118.D
Acq: 09 Sep 2019 03:11

Tgt Ion:276 Resp: 335110

Ion	Ratio	Lower	Upper
276	100		
277	25.4	18.6	28.0
138	28.5	23.0	34.4



Instrument :
BNA_P
ClientSampleId :
CL-01-090619

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