Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101419\
Data File : BP000709.D
Acq On : 14 Oct 2019 14:41
Operator : JU
Sample : K5348-05RE
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
20190829-COMPOSITE-ERE

Manual Integrations APPROVED
mohammad
10/16/2019 8:11:22 AM

Quant Time: Oct 15 04:18:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 01 18:03:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	207252	20.00	ng		-0.02
21) Naphthalene-d8	8.03	136	746272	20.00	ng		-0.02
39) Acenaphthene-d10	9.80	164	405439	20.00	ng		-0.02
64) Phenanthrene-d10	11.30	188	745614	20.00	ng		-0.01
76) Chrysene-d12	13.97	240	637792	20.00	ng		0.00
87) Perylene-d12	15.45	264	747718	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	230547	17.88	ng		-0.02
7) Phenol-d6	6.39	99	1177848	75.81	ng		-0.02
23) Nitrobenzene-d5	7.31	82	749657	61.35	ng		-0.02
42) 2,4,6-Tribromophenol	10.59	330	24377	5.64	ng		-0.02
45) 2-Fluorobiphenyl	9.12	172	1320235	52.69	ng		-0.02
79) Terphenyl-d14	12.90	244	1567632	49.77	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.30	77	35128	4.341	ng		95
10) Phenol	6.40	94	68287	4.293	ng		92
50) Dimethylphthalate	9.51	163	287938	10.221	ng		99
71) Phenanthrene	11.32	178	104462	2.790	ng		99
75) Fluoranthene	12.52	202	361272	8.590	ng		99
78) Pyrene	12.76	202	376865	8.567	ng		99
81) Benzo(a)anthracene	13.96	228	240129	6.171	ng	#	78
83) Chrysene	14.00	228	222324	5.821	ng		97
84) Bis(2-ethylhexyl)phthalate	13.96	149	128889	5.346	ng		99
86) Indeno(1,2,3-cd)pyrene	16.92	276	164511	3.448	ng		96
88) Benzo(b)fluoranthene	15.02	252	308746m	7.278	ng		
89) Benzo(k)fluoranthene	15.05	252	113160m	2.802	ng		
90) Benzo(a)pyrene	15.39	252	264217	6.682	ng	#	93
92) Benzo(g,h,i)perylene	17.36	276	173422	4.450	ng		100

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

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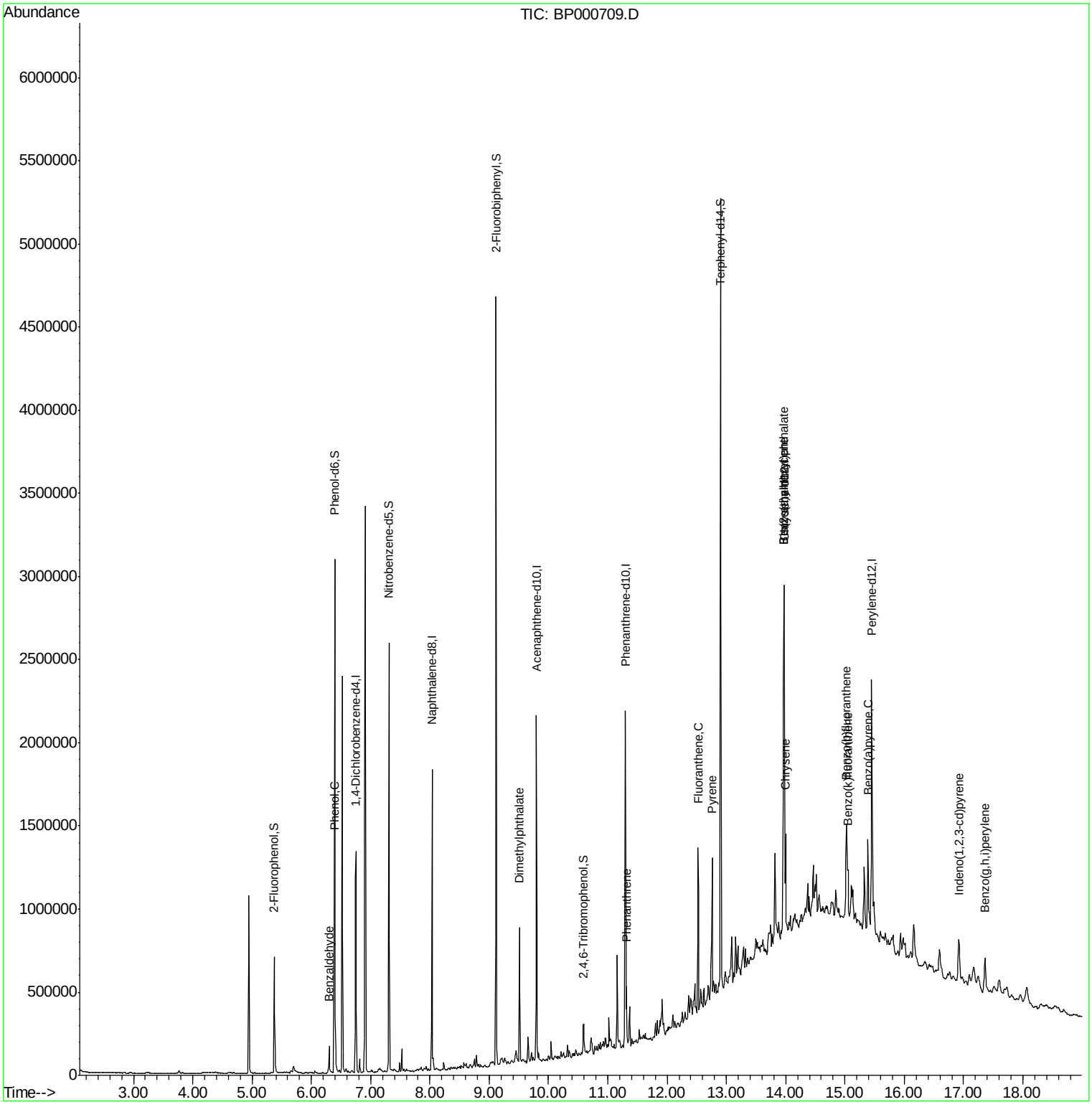
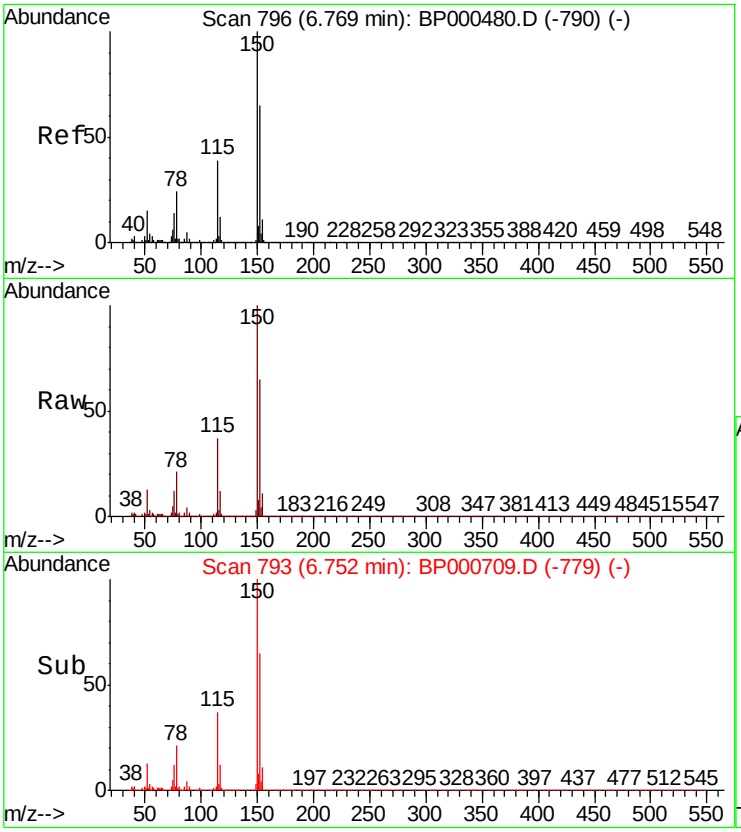
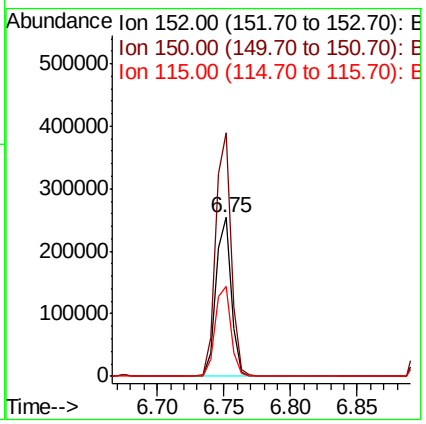




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.02 min
Lab File: BP000709.D
Acq: 14 Oct 2019 14:41

Tgt Ion:152 Resp: 207252

Ion	Ratio	Lower	Upper
152	100		
150	153.1	124.1	186.1
115	56.3	48.7	73.1



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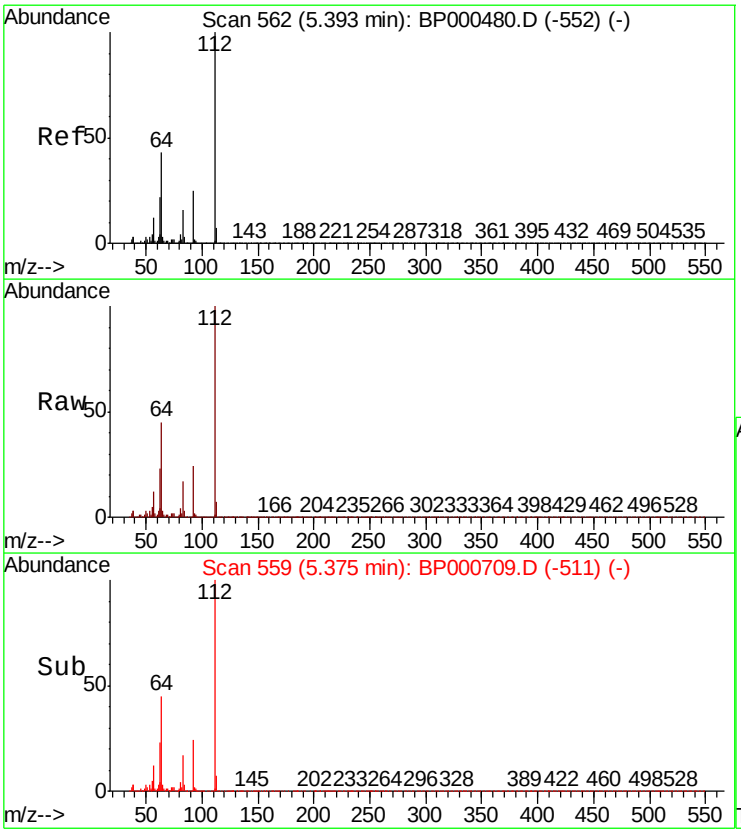
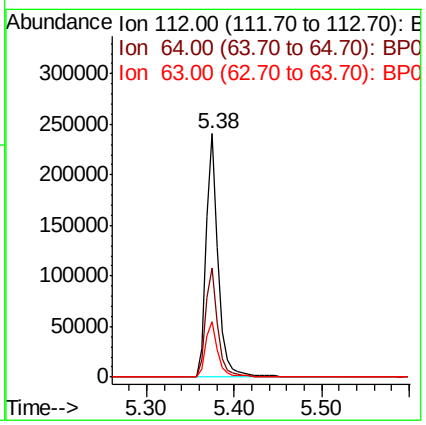
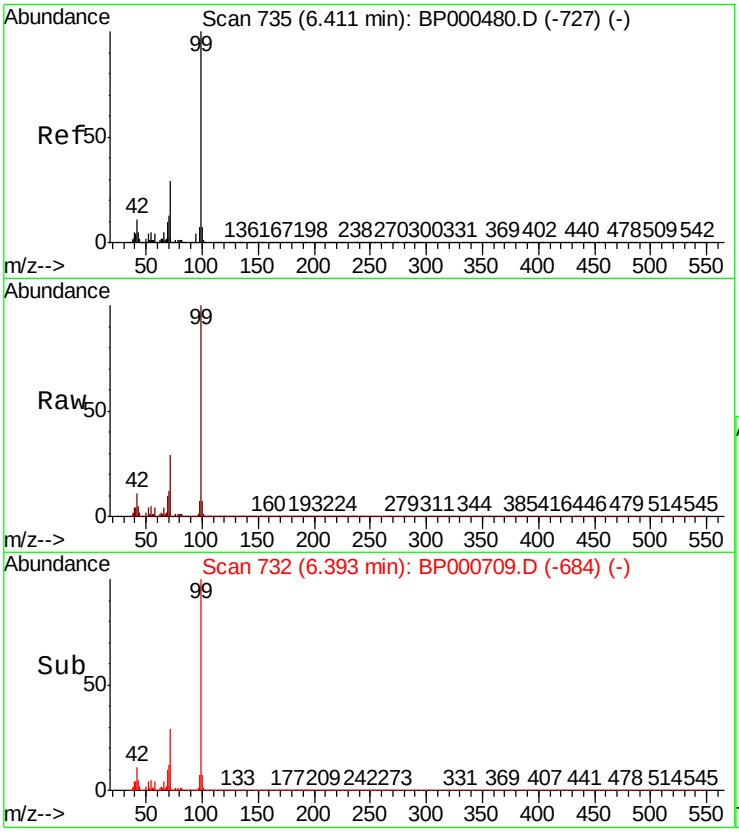


#5
2-Fluorophenol
Concen: 17.881 ng
RT: 5.38 min Scan# 559
Delta R.T. -0.02 min
Lab File: BP000709.D
Acq: 14 Oct 2019 14:41

Tgt Ion:112 Resp: 230547

Ion	Ratio	Lower	Upper
112	100		
64	44.6	34.2	51.4
63	22.6	17.9	26.9

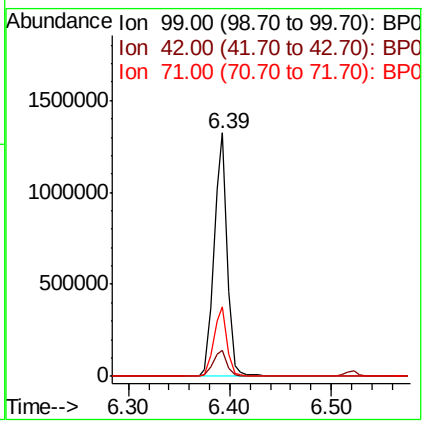




#7
Phenol-d6
Concen: 75.809 ng
RT: 6.39 min Scan# 732
Delta R.T. -0.02 min
Lab File: BP000709.D
Acq: 14 Oct 2019 14:41

Tgt Ion: 99 Resp: 1177848

Ion	Ratio	Lower	Upper
99	100		
42	10.7	8.6	12.8
71	28.7	23.0	34.4



Instrument :
BNA_P
ClientSampleId :
20190829-COMPOSITE-ERE

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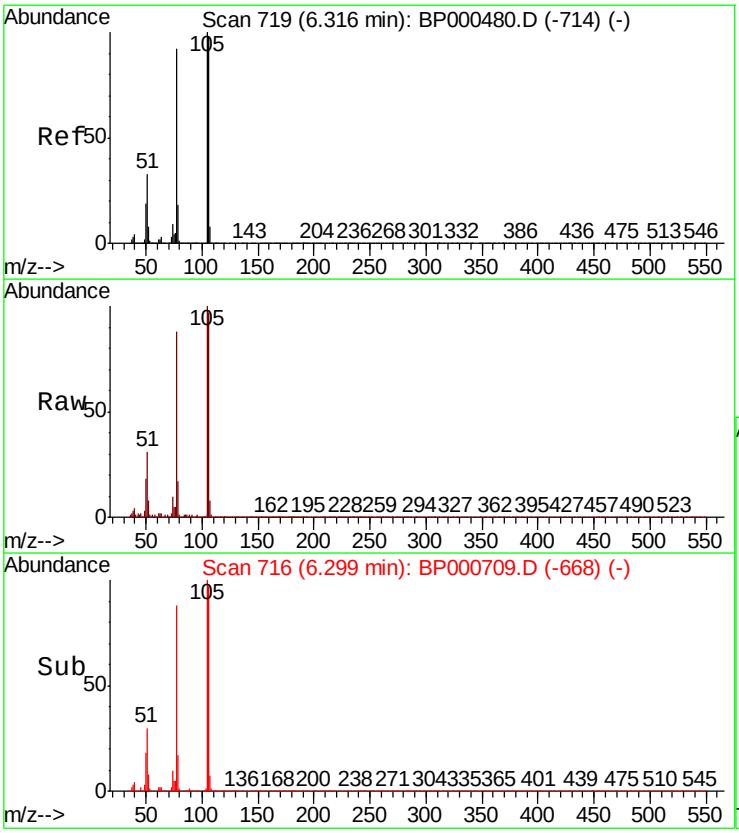
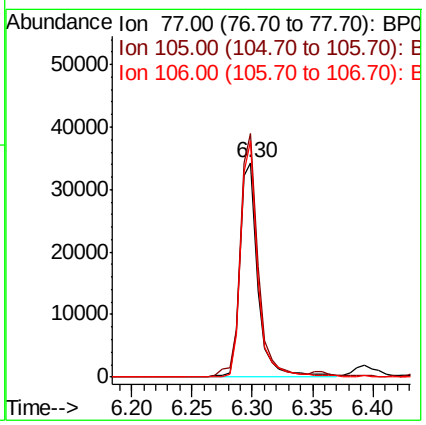
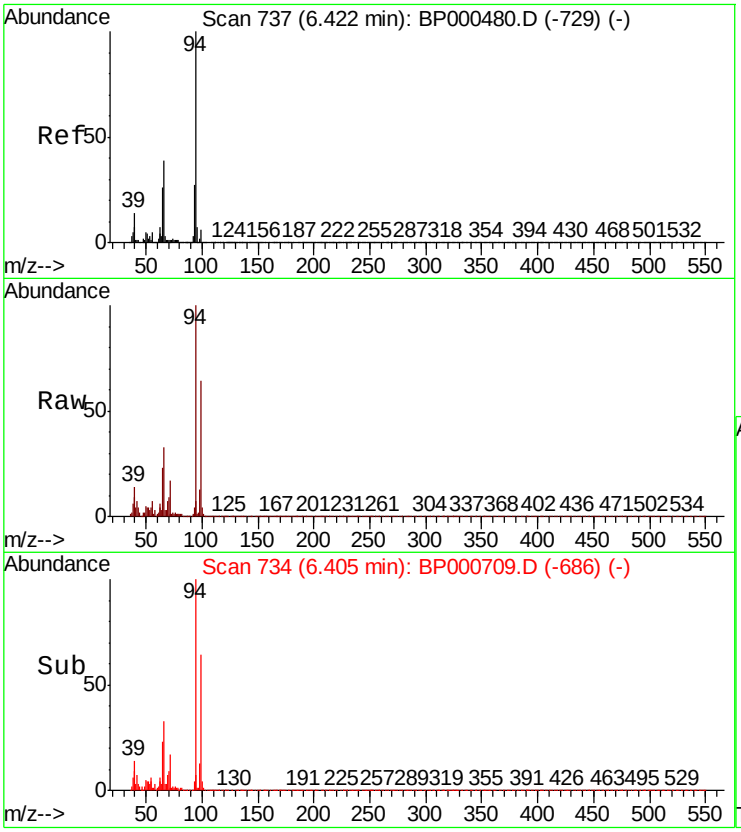


#9
Benzaldehyde
Concen: 4.341 ng
RT: 6.30 min Scan# 716
Delta R.T. -0.02 min
Lab File: BP000709.D
Acq: 14 Oct 2019 14:41

Tgt Ion: 77 Resp: 35128

Ion	Ratio	Lower	Upper
77	100		
105	113.6	88.3	128.3
106	109.8	85.7	125.7

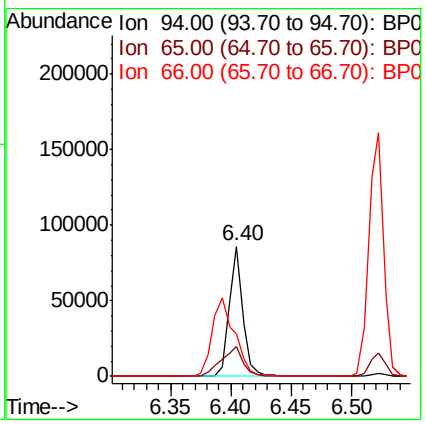




#10
Phenol
Concen: 4.293 ng
RT: 6.40 min Scan# 734
Delta R.T. -0.02 min
Lab File: BP000709.D
Acq: 14 Oct 2019 14:41

Tgt Ion: 94 Resp: 68287

Ion	Ratio	Lower	Upper
94	100		
65	23.3	5.9	45.9
66	33.0	18.8	58.8



Instrument :
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ClientSampleId :
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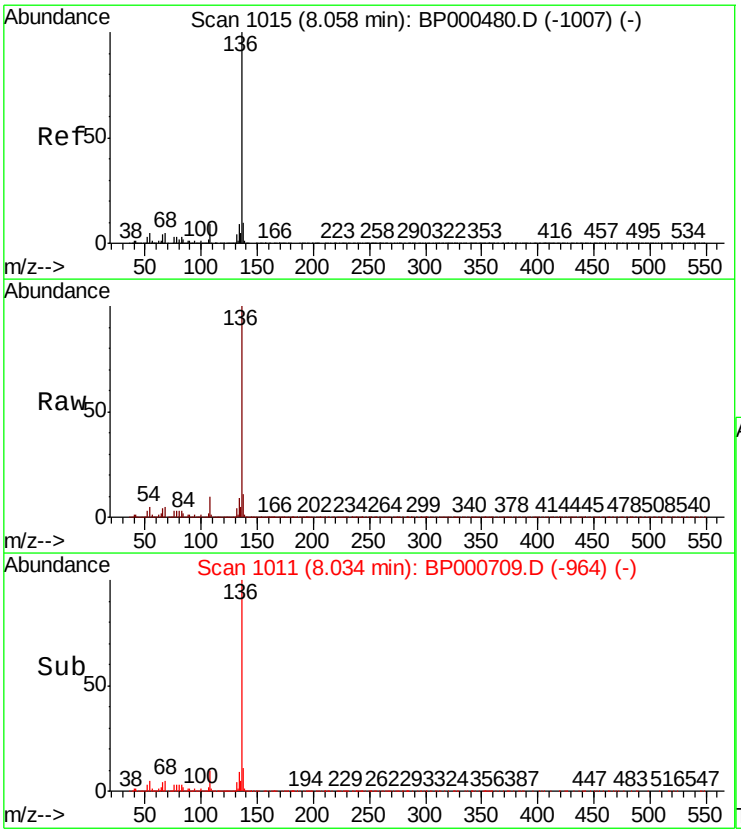
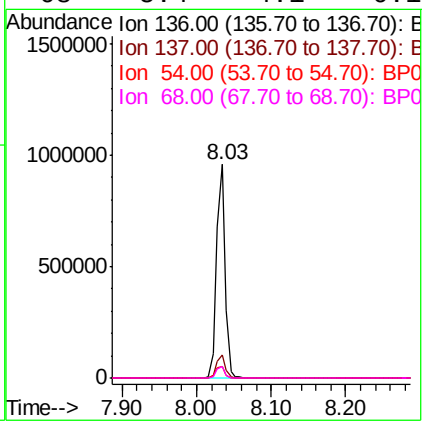
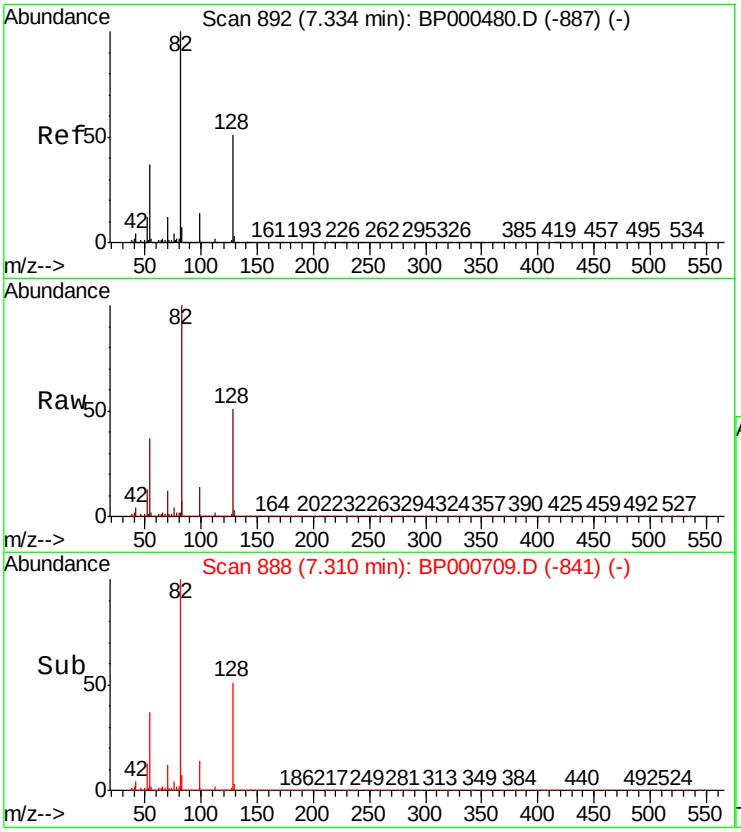


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.02 min
Lab File: BP000709.D
Acq: 14 Oct 2019 14:41

Tgt Ion:136 Resp: 746272

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.2	12.4
54	5.3	4.1	6.1
68	5.4	4.1	6.1

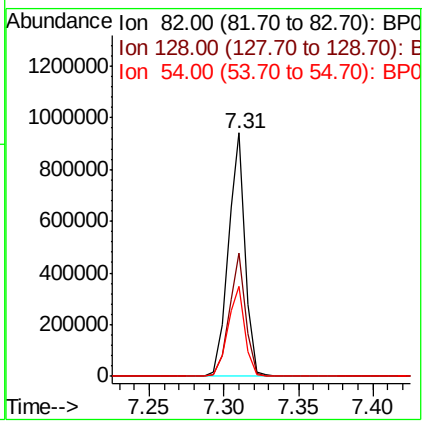




#23
Nitrobenzene-d5
Concen: 61.352 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.02 min
Lab File: BP000709.D
Acq: 14 Oct 2019 14:41

Tgt Ion: 82 Resp: 749657

Ion	Ratio	Lower	Upper
82	100		
128	50.6	40.9	61.3
54	37.2	29.4	44.2



Instrument :
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ClientSampleId :
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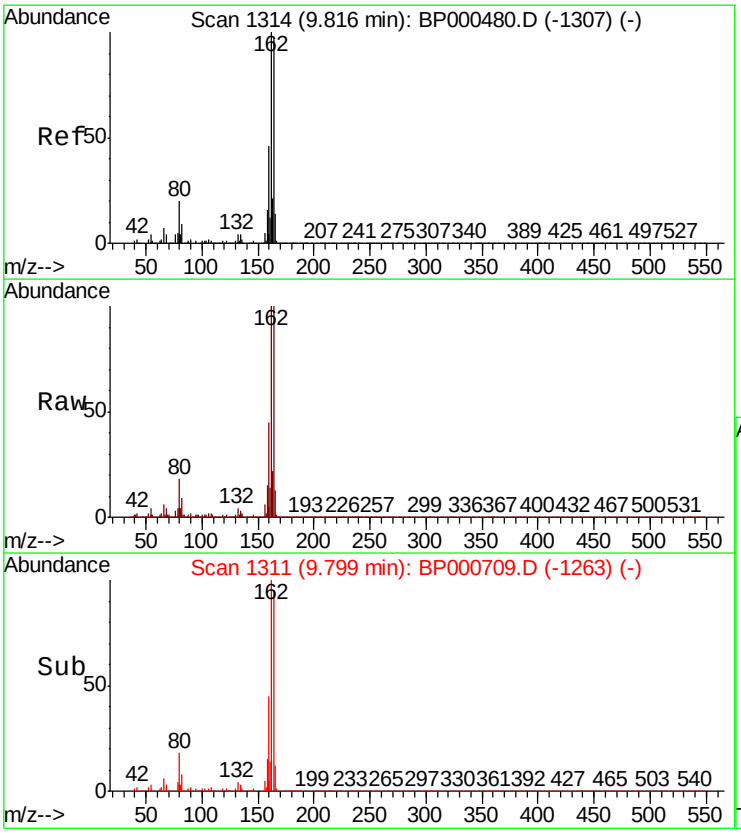
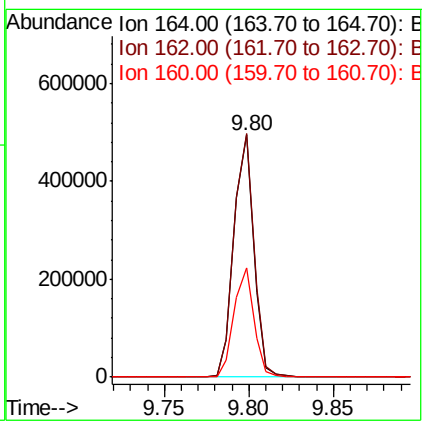
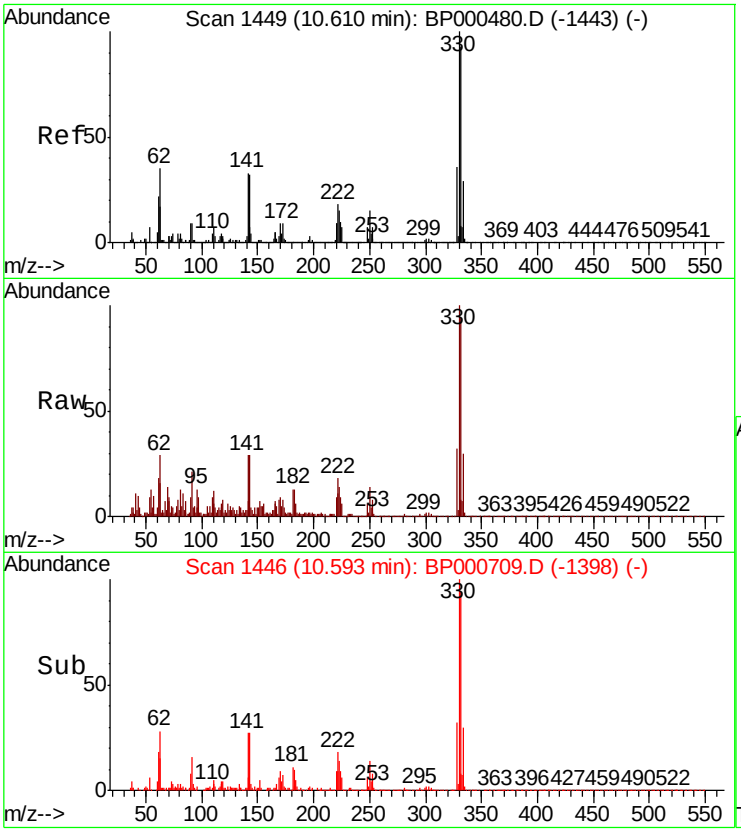


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.02 min
Lab File: BP000709.D
Acq: 14 Oct 2019 14:41

Tgt Ion:164 Resp: 405439

Ion	Ratio	Lower	Upper
164	100		
162	100.5	82.2	123.2
160	44.9	37.6	56.4

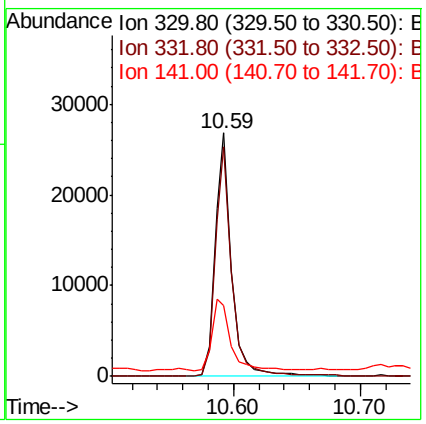




#42
2,4,6-Tribromophenol
Concen: 5.642 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.02 min
Lab File: BP000709.D
Acq: 14 Oct 2019 14:41

Tgt Ion:330 Resp: 24377

Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.1	115.7
141	34.1	26.0	39.0



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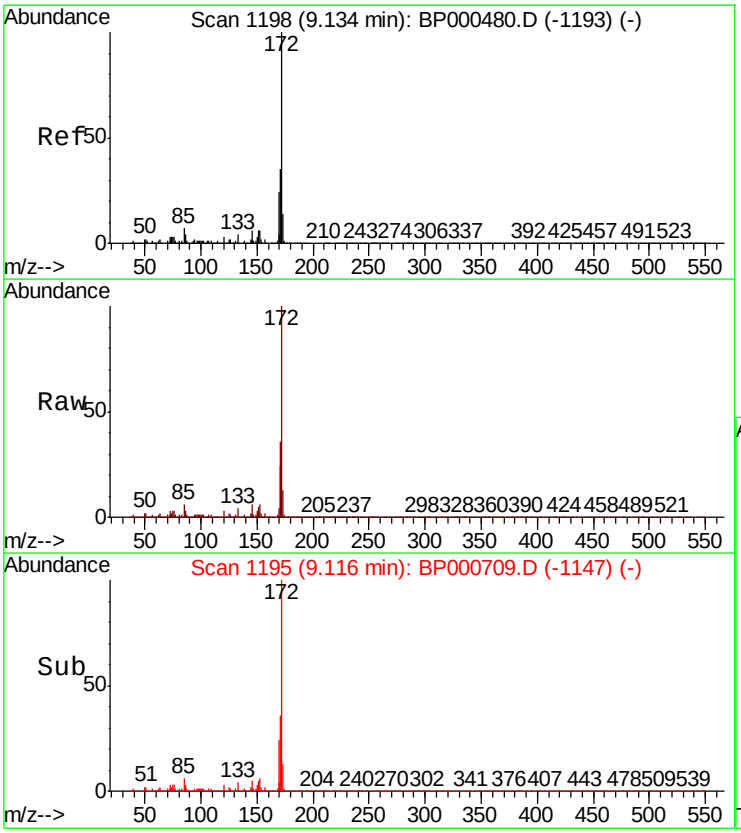
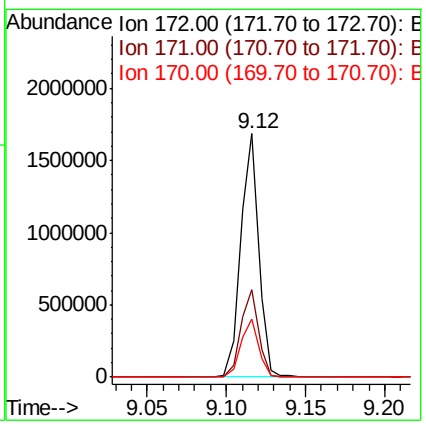
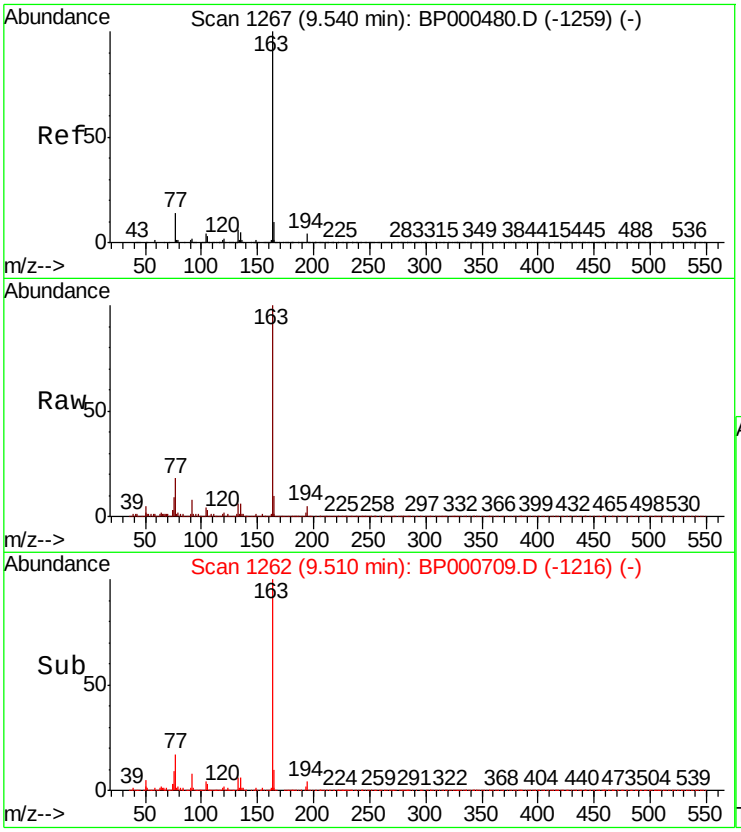


#45
2-Fluorobiphenyl
Concen: 52.687 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.02 min
Lab File: BP000709.D
Acq: 14 Oct 2019 14:41

Tgt Ion:172 Resp: 1320235

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.4	42.6
170	23.8	19.1	28.7

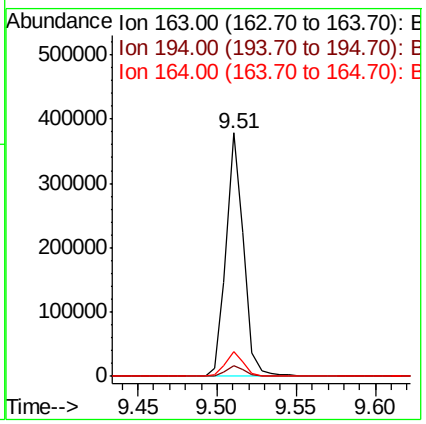




#50
Dimethylphthalate
Concen: 10.221 ng
RT: 9.51 min Scan# 1262
Delta R.T. -0.03 min
Lab File: BP000709.D
Acq: 14 Oct 2019 14:41

Tgt Ion:163 Resp: 287938

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.4	5.2
164	10.3	8.0	12.0



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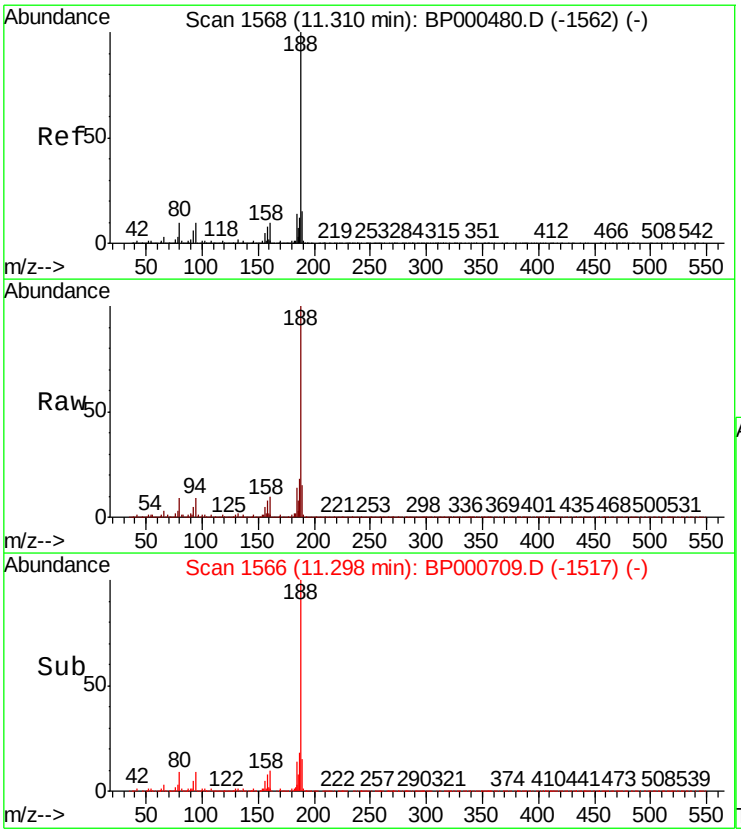
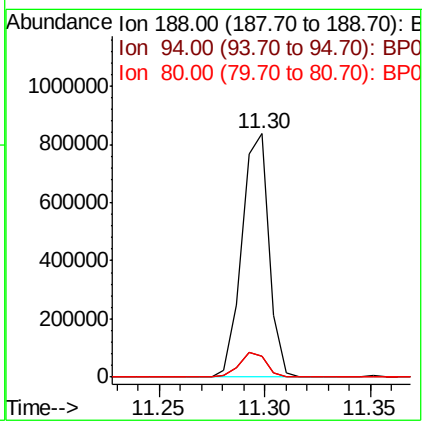
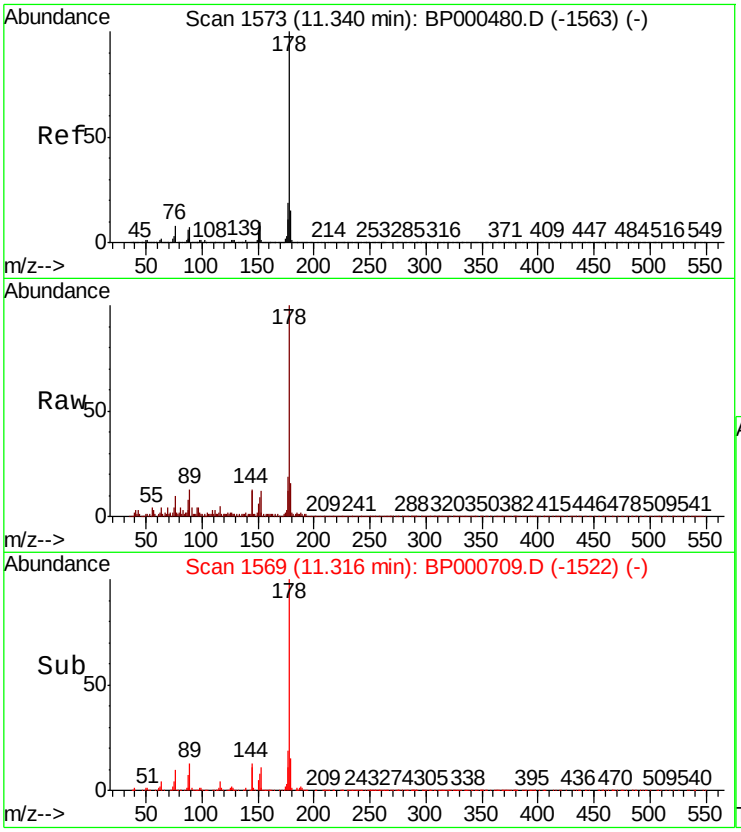


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.01 min
Lab File: BP000709.D
Acq: 14 Oct 2019 14:41

Tgt Ion:188 Resp: 745614

Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.2	12.2
80	8.8	8.3	12.5

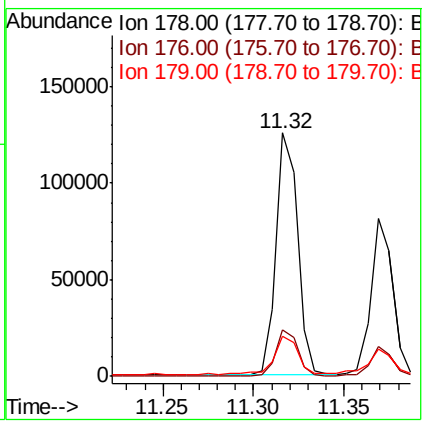




#71
Phenanthrene
Concen: 2.790 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.02 min
Lab File: BP000709.D
Acq: 14 Oct 2019 14:41

Tgt Ion:178 Resp: 104462

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.2
179	16.3	12.2	18.4



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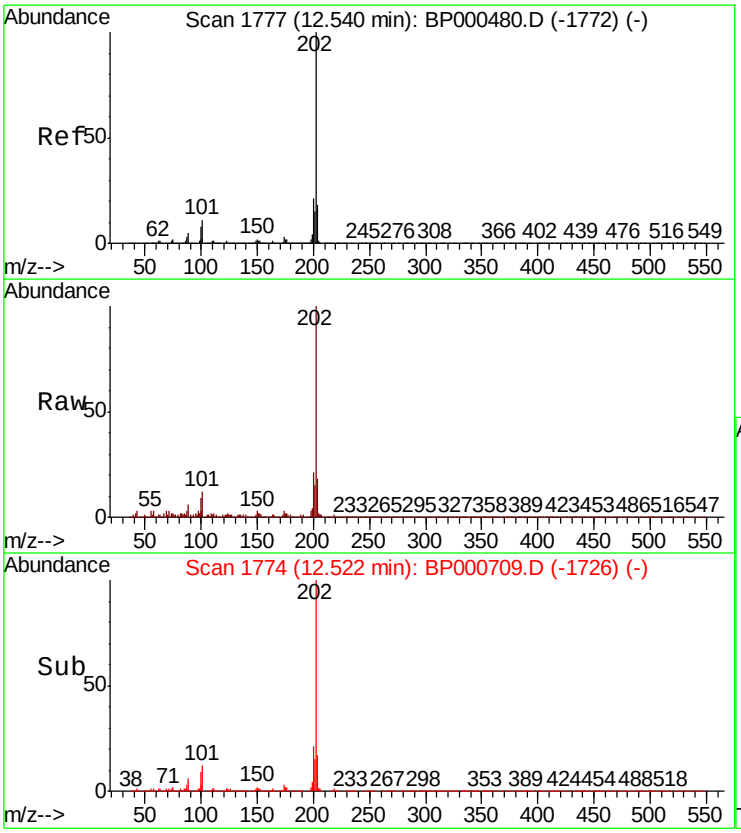
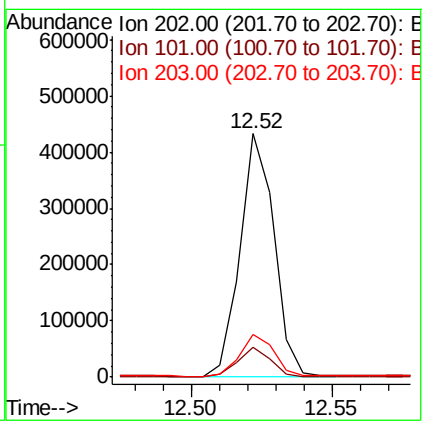
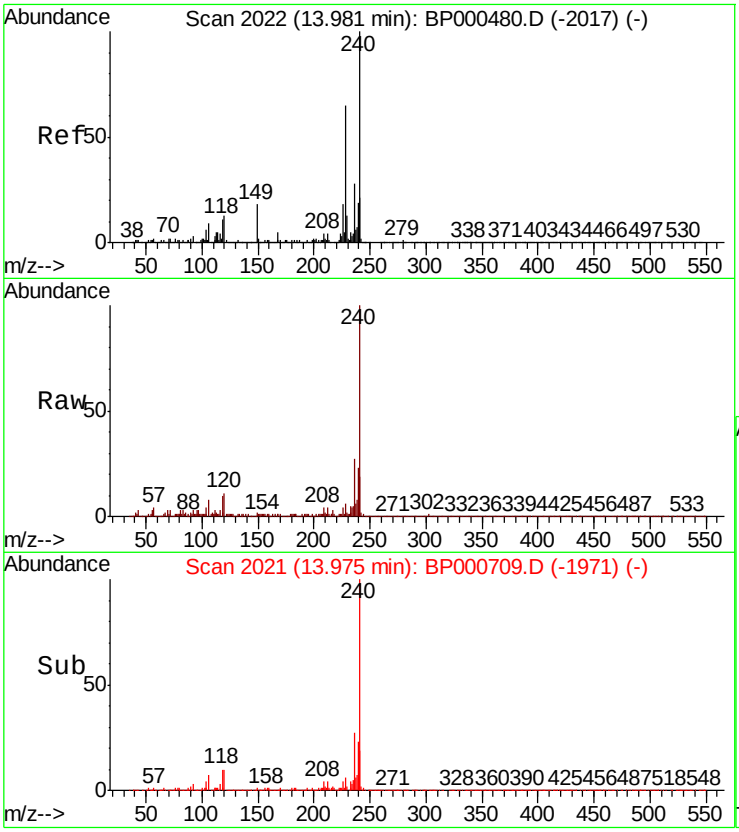


#75
Fluoranthene
Concen: 8.590 ng
RT: 12.52 min Scan# 1774
Delta R.T. -0.02 min
Lab File: BP000709.D
Acq: 14 Oct 2019 14:41

Tgt Ion:202 Resp: 361272

Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	31.3
203	17.7	0.0	38.1

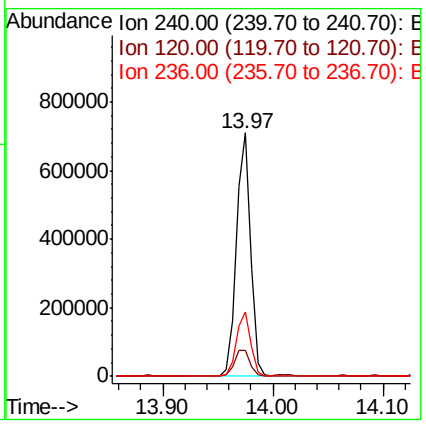




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BP000709.D
Acq: 14 Oct 2019 14:41

Tgt Ion:240 Resp: 637792

Ion	Ratio	Lower	Upper
240	100		
120	10.8	10.1	15.1
236	26.6	22.7	34.1



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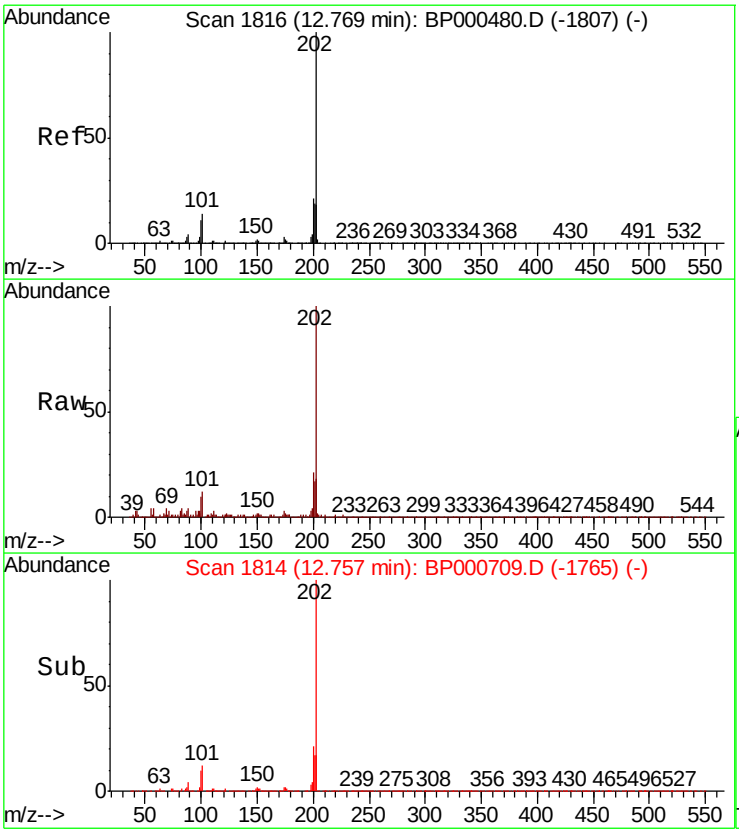
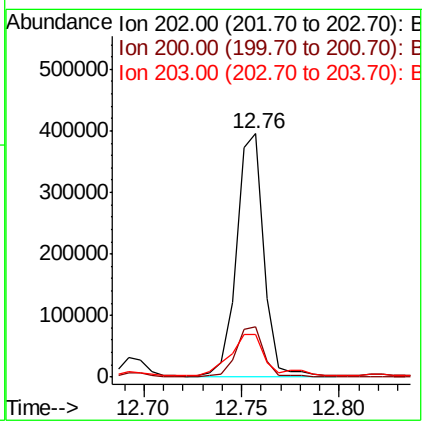
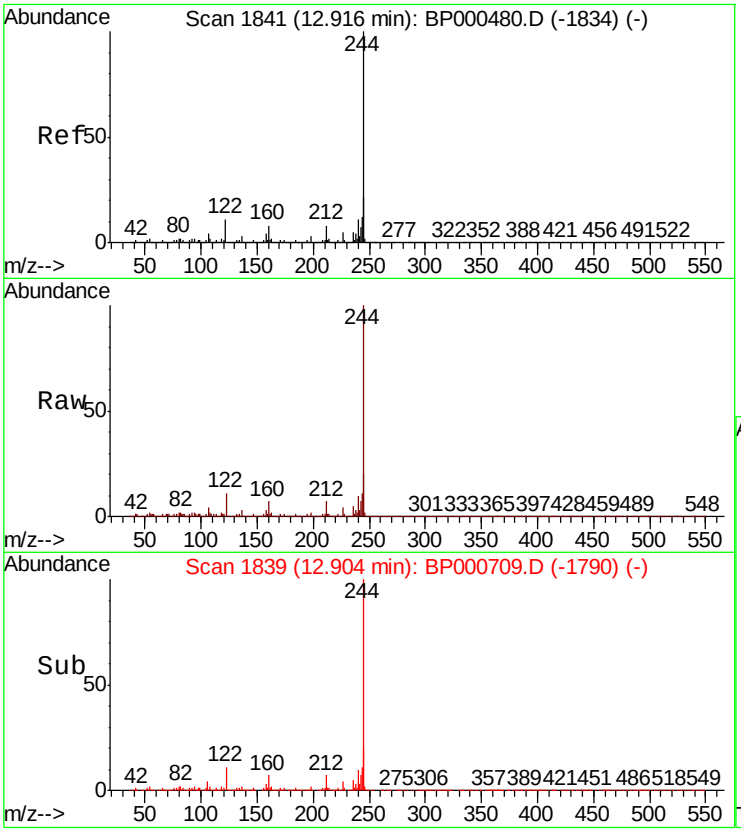


#78
Pyrene
Concen: 8.567 ng
RT: 12.76 min Scan# 1814
Delta R.T. -0.01 min
Lab File: BP000709.D
Acq: 14 Oct 2019 14:41

Tgt Ion:202 Resp: 376865

Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.1	25.7
203	17.5	14.6	21.8

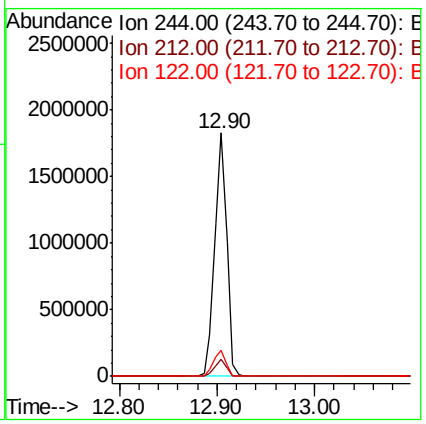




#79
Terphenyl-d14
Concen: 49.766 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BP000709.D
Acq: 14 Oct 2019 14:41

Tgt Ion:244 Resp: 1567632

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	10.7	8.9	13.3



Instrument :
BNA_P
ClientSampleId :
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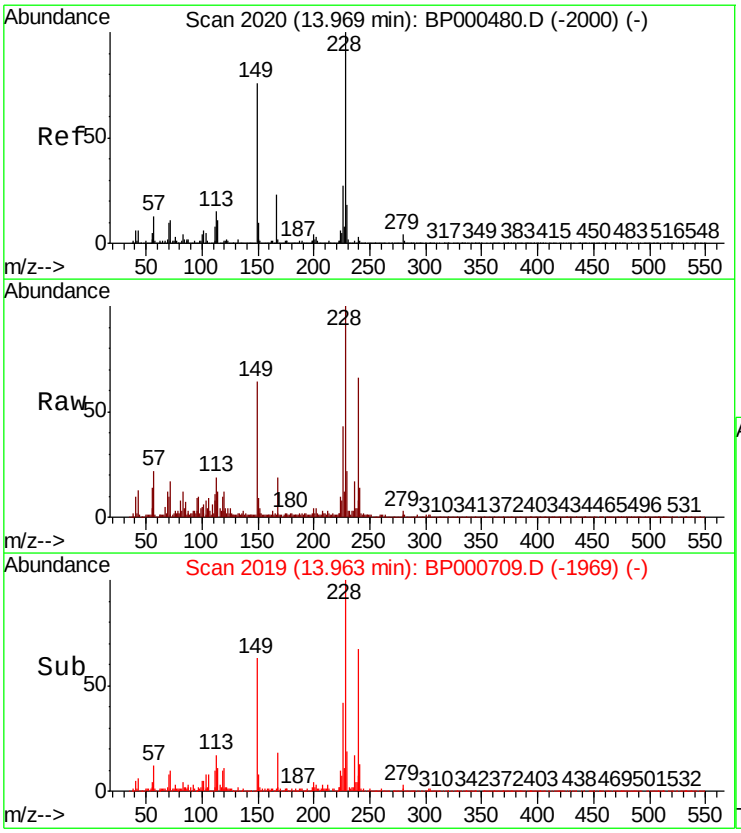
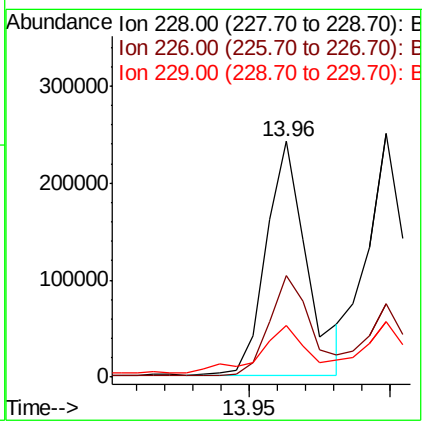
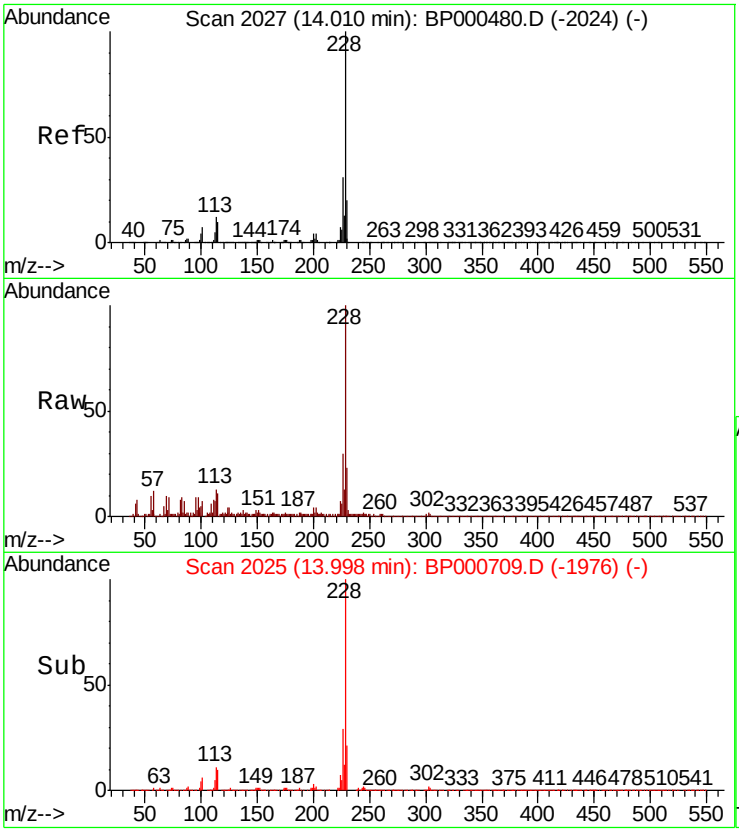


#81
Benzo(a)anthracene
Concen: 6.171 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BP000709.D
Acq: 14 Oct 2019 14:41

Tgt Ion:228 Resp: 240129

Ion	Ratio	Lower	Upper
228	100		
226	43.1	21.4	32.2#
229	21.8	14.7	22.1

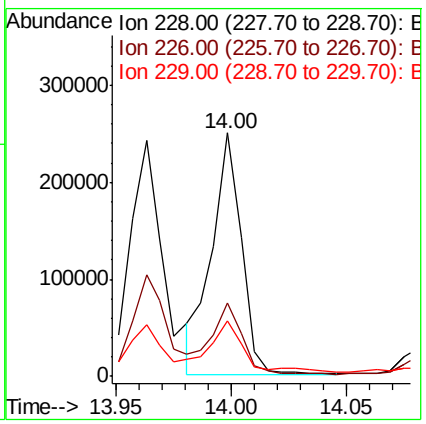




#83
Chrysene
Concen: 5.821 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BP000709.D
Acq: 14 Oct 2019 14:41

Tgt Ion:228 Resp: 222324

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.7	37.1
229	22.6	16.3	24.5



Instrument :
BNA_P
ClientSampleId :
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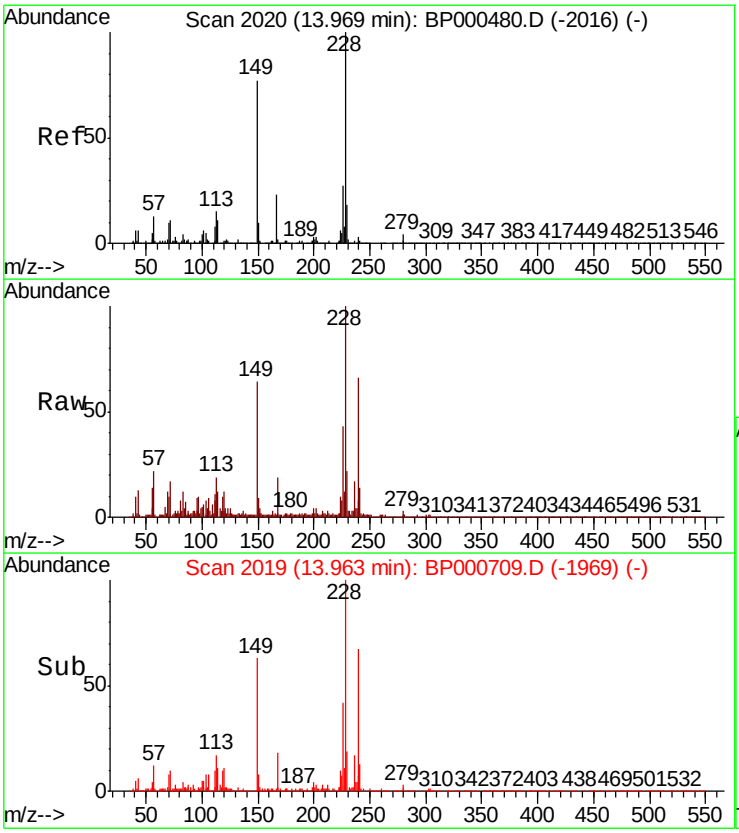
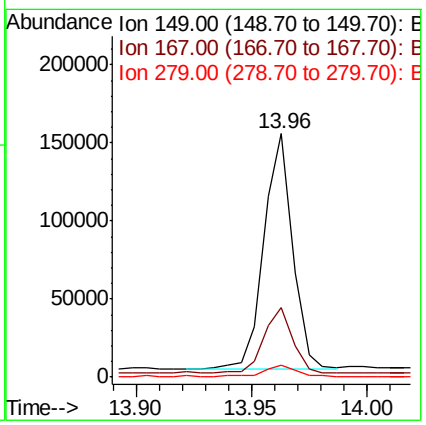
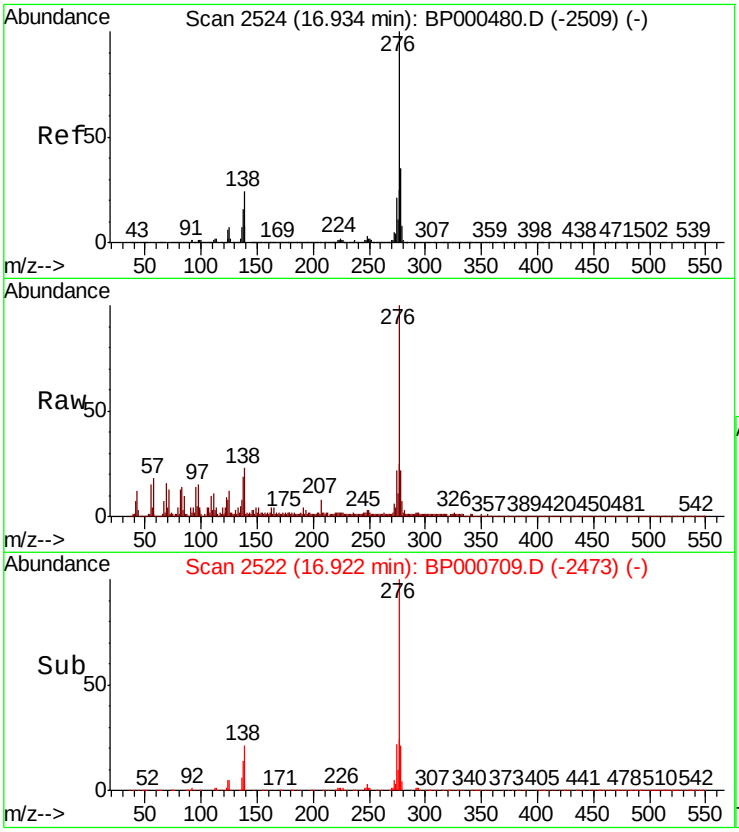


#84
Bis(2-ethylhexyl)phthalate
Concen: 5.346 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BP000709.D
Acq: 14 Oct 2019 14:41

Tgt Ion:149 Resp: 128889

Ion	Ratio	Lower	Upper
149	100		
167	28.8	23.6	35.4
279	5.1	3.9	5.9

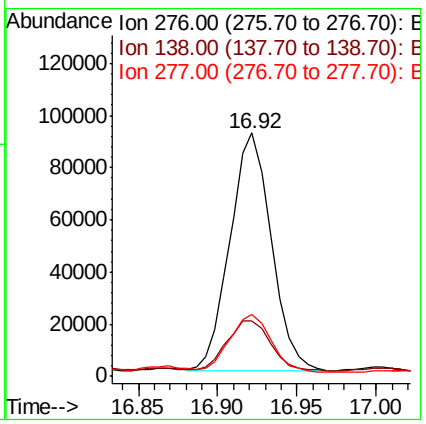




#86
Indeno(1,2,3-cd)pyrene
Concen: 3.448 ng
RT: 16.92 min Scan# 2522
Delta R.T. -0.01 min
Lab File: BP000709.D
Acq: 14 Oct 2019 14:41

Tgt Ion:276 Resp: 164511

Ion	Ratio	Lower	Upper
276	100		
138	22.5	20.9	31.3
277	24.9	20.6	30.8



Instrument :
BNA_P
ClientSampleId :
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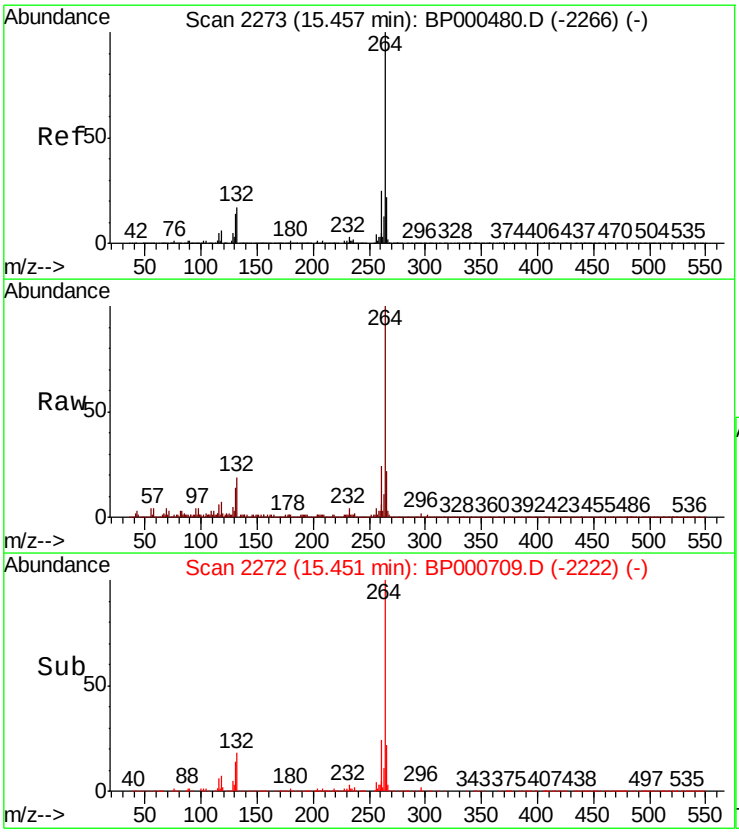
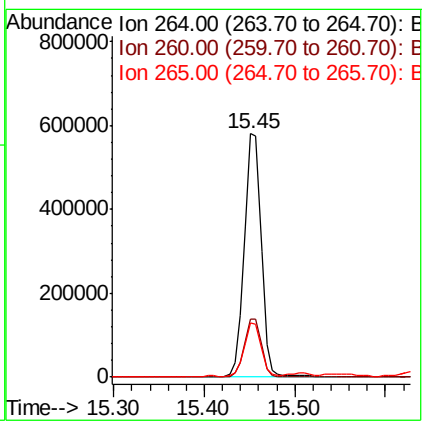
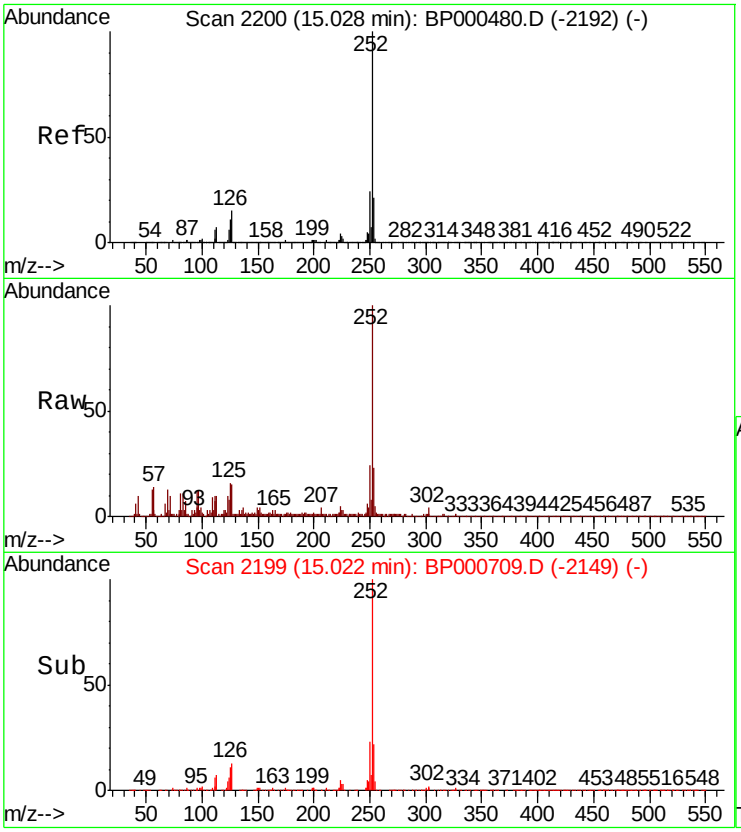


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BP000709.D
Acq: 14 Oct 2019 14:41

Tgt Ion:264 Resp: 747718

Ion	Ratio	Lower	Upper
264	100		
260	23.8	20.3	30.5
265	22.0	18.0	27.0

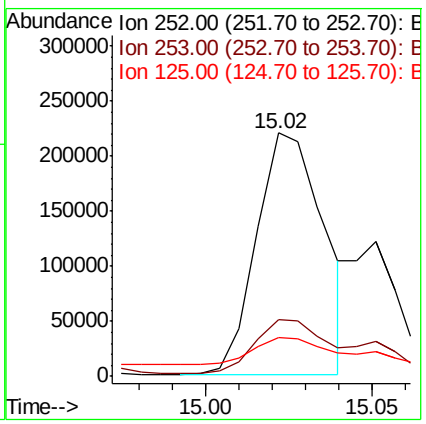




#88
Benzo(b)fluoranthene
Concen: 7.278 ng m
RT: 15.02 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BP000709.D
Acq: 14 Oct 2019 14:41

Tgt Ion:252 Resp: 308746

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.0	25.4
125	15.7	8.9	13.3#



Instrument :
BNA_P
ClientSampleId :
20190829-COMPOSITE-ERE

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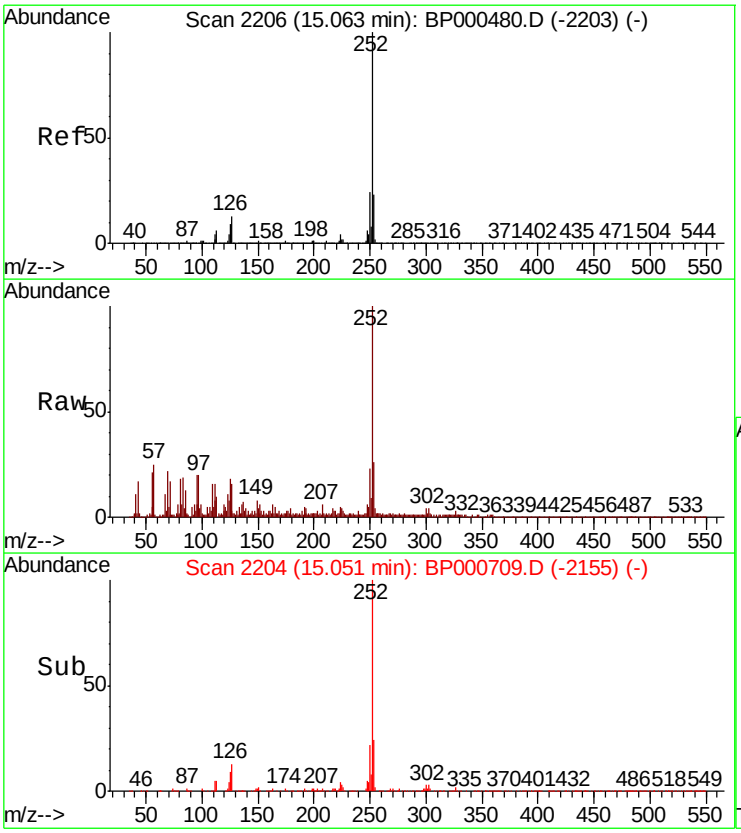
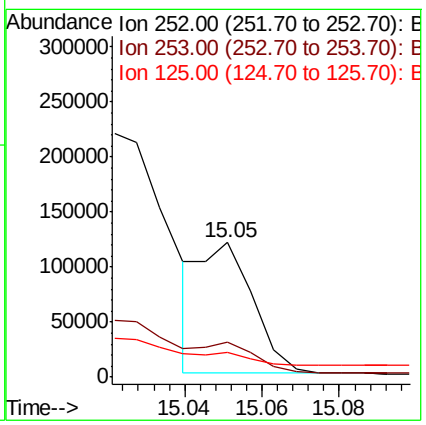
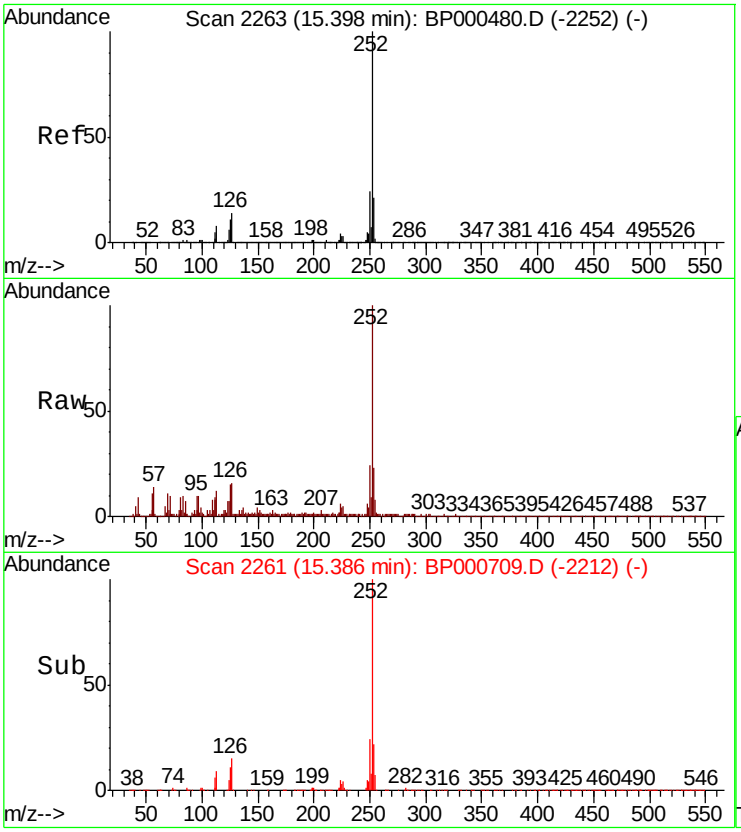


#89
Benzo(k)fluoranthene
Concen: 2.802 ng m
RT: 15.05 min Scan# 2204
Delta R.T. -0.01 min
Lab File: BP000709.D
Acq: 14 Oct 2019 14:41

Tgt Ion:252 Resp: 113160

Ion	Ratio	Lower	Upper
252	100		
253	26.0	18.4	27.6
125	18.0	7.8	11.8#

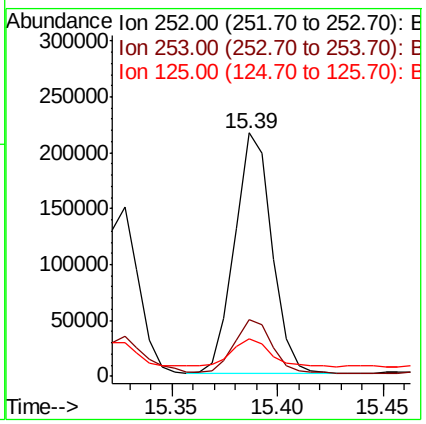




#90
Benzo(a)pyrene
Concen: 6.682 ng
RT: 15.39 min Scan# 2261
Delta R.T. -0.01 min
Lab File: BP000709.D
Acq: 14 Oct 2019 14:41

Tgt Ion:252 Resp: 264217

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.0	25.6
125	15.3	8.4	12.6#



Instrument :
BNA_P
ClientSampleId :
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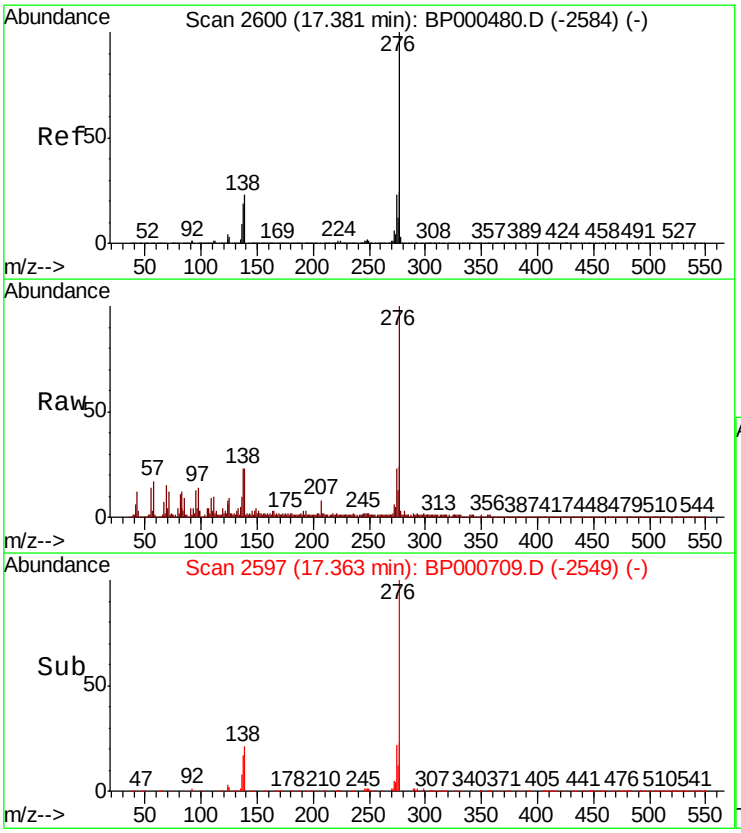

#92
Benzo(g,h,i)perylene
Concen: 4.450 ng
RT: 17.36 min Scan# 2597
Delta R.T. -0.02 min
Lab File: BP000709.D
Acq: 14 Oct 2019 14:41

Tgt Ion:276 Resp: 173422

Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.4	29.2
138	23.4	18.5	27.7