Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062119\
Data File : BG041394.D
Acq On : 22 Jun 2019 4:00
Operator : HP/JU
Sample : K3159-07 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jun 22 05:15:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 14:58:02 2019
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
OR-02-061919-B

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	28953	20.00	ng		-0.03
21) Naphthalene-d8	10.88	136	116762	20.00	ng		-0.03
39) Acenaphthene-d10	14.69	164	88777	20.00	ng		-0.03
64) Phenanthrene-d10	17.44	188	218158	20.00	ng		-0.02
76) Chrysene-d12	21.71	240	216835	20.00	ng		-0.03
87) Perylene-d12	25.01	264	228360	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	90069	57.16	ng		-0.02
7) Phenol-d6	7.21	99	134350	58.82	ng		-0.02
23) Nitrobenzene-d5	9.23	82	94308	33.97	ng		-0.03
42) 2,4,6-Tribromophenol	16.18	330	70415	51.66	ng		-0.02
45) 2-Fluorobiphenyl	13.31	172	217974	33.37	ng		-0.03
79) Terphenyl-d14	20.04	244	360305	32.93	ng		-0.02
Target Compounds							Qvalue
50) Dimethylphthalate	14.14	163	26277	3.327	ng	#	99
52) Acenaphthene	14.75	154	21038	4.086	ng		96
55) Dibenzofuran	15.09	168	23857	2.665	ng		92
58) Fluorene	15.74	166	39276	5.577	ng		96
71) Phenanthrene	17.48	178	387286	33.286	ng		99
72) Anthracene	17.57	178	111973	9.762	ng		98
75) Fluoranthene	19.49	202	563312	36.443	ng		99
78) Pyrene	19.85	202	489237	33.456	ng		99
81) Benzo(a)anthracene	21.69	228	250255	17.045	ng		99
83) Chrysene	21.76	228	211230	14.961	ng		97
86) Indeno(1,2,3-cd)pyrene	28.77	276	117696	7.026	ng		97
88) Benzo(b)fluoranthene	23.96	252	245306	17.333	ng		97
89) Benzo(k)fluoranthene	24.01	252	88589m	6.319	ng		
90) Benzo(a)pyrene	24.85	252	191406	14.321	ng		99
91) Dibenzo(a,h)anthracene	28.81	278	35579	2.644	ng	#	86
92) Benzo(g,h,i)perylene	29.98	276	110862	8.337	ng		98

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

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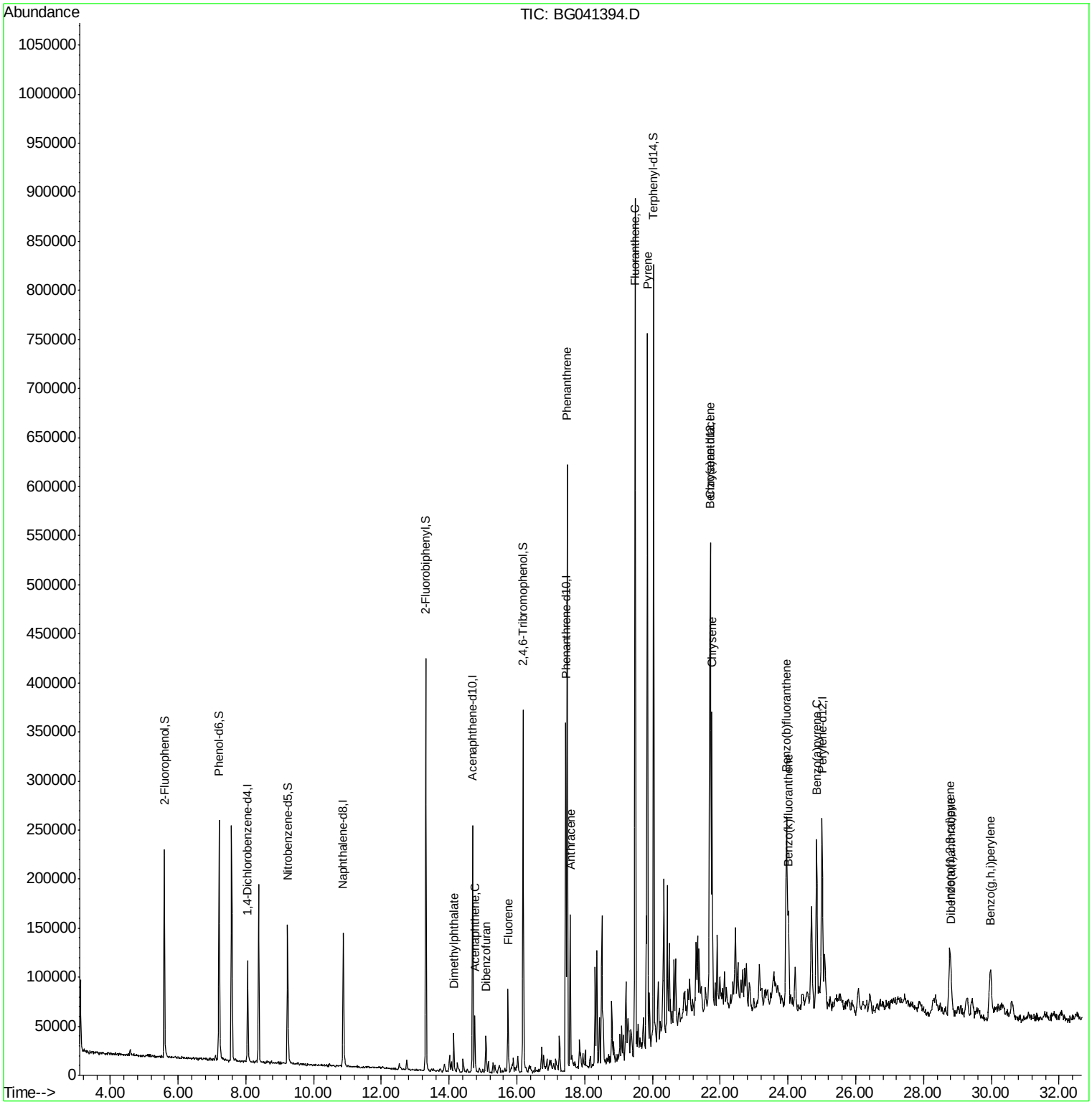
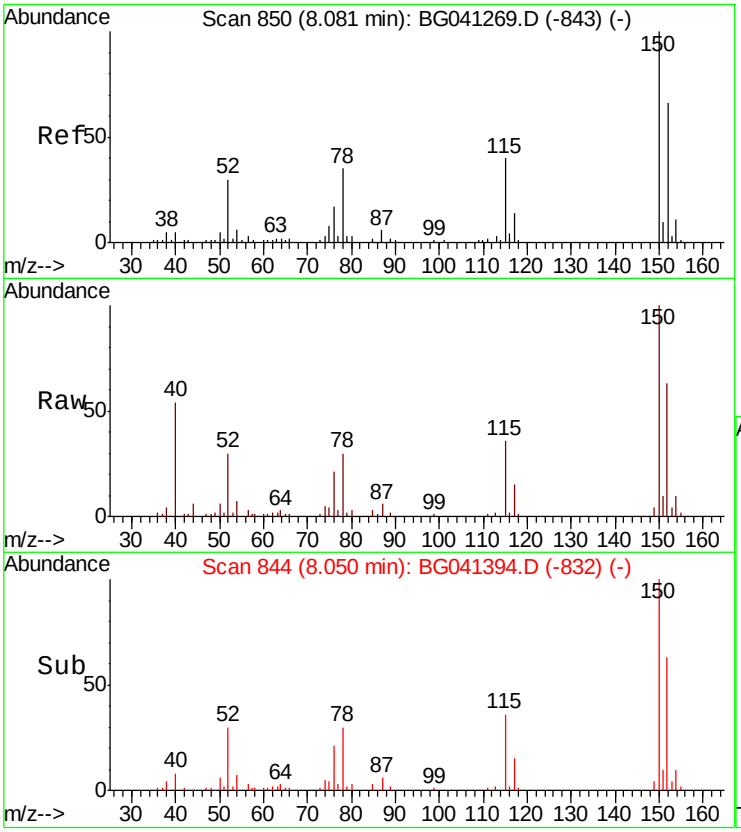
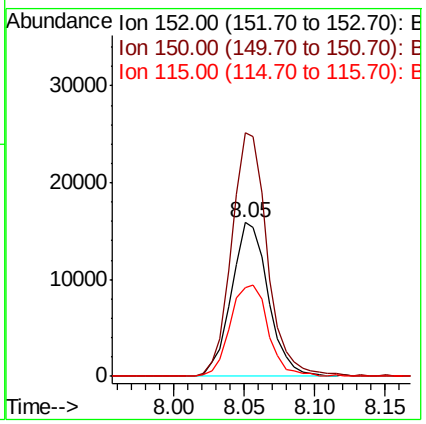




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.03 min
Lab File: BG041394.D
Acq: 22 Jun 2019 4:00

Tgt Ion:152 Resp: 28953

Ion	Ratio	Lower	Upper
152	100		
150	158.6	120.6	181.0
115	57.4	47.9	71.9



Instrument :
BNA_G
ClientSampleId :
OR-02-061919-B

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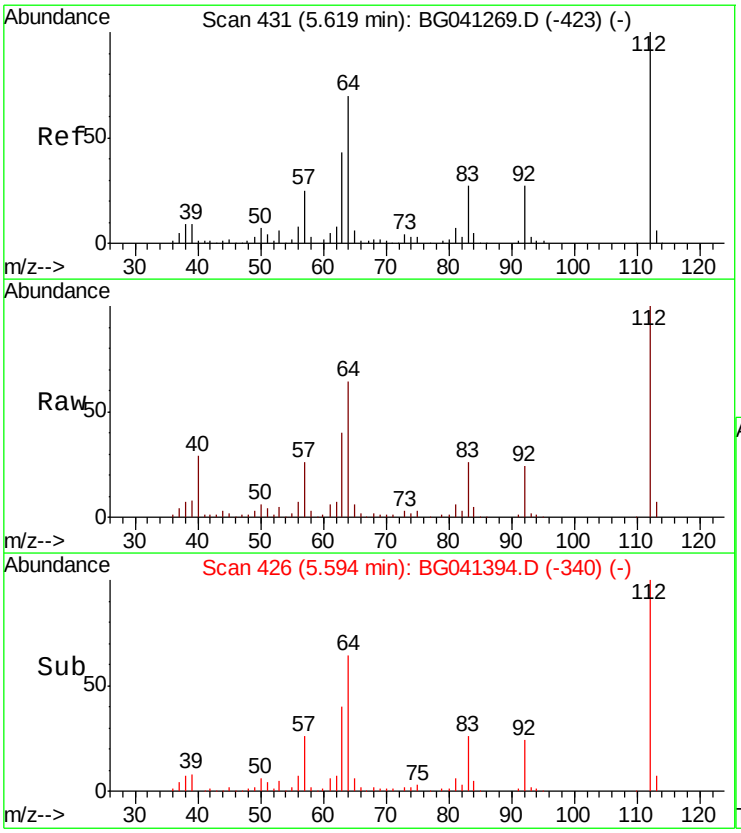
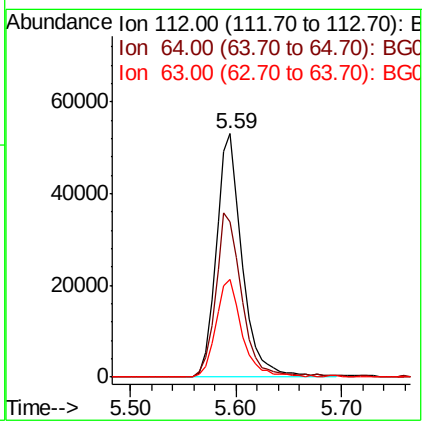
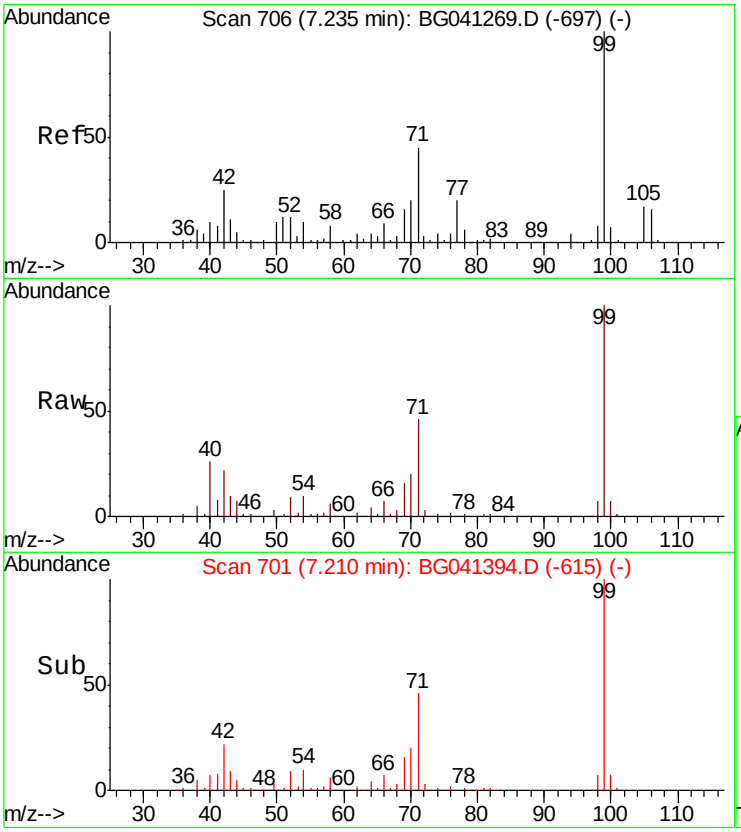


#5
2-Fluorophenol
Concen: 57.160 ng
RT: 5.59 min Scan# 426
Delta R.T. -0.02 min
Lab File: BG041394.D
Acq: 22 Jun 2019 4:00

Tgt Ion:112 Resp: 90069

Ion	Ratio	Lower	Upper
112	100		
64	63.9	55.9	83.9
63	40.0	34.6	51.8

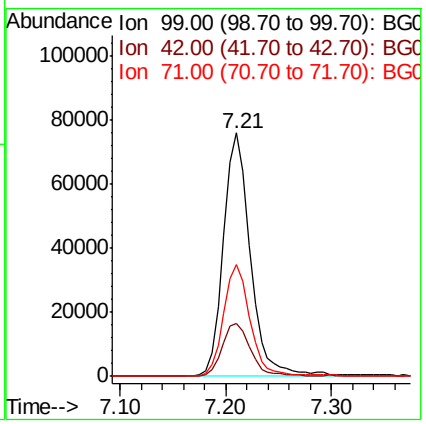




#7
Phenol-d6
Concen: 58.821 ng
RT: 7.21 min Scan# 701
Delta R.T. -0.02 min
Lab File: BG041394.D
Acq: 22 Jun 2019 4:00

Tgt Ion: 99 Resp: 134350

Ion	Ratio	Lower	Upper
99	100		
42	21.8	19.9	29.9
71	45.9	36.4	54.6



Instrument :
BNA_G
ClientSampleId :
OR-02-061919-B

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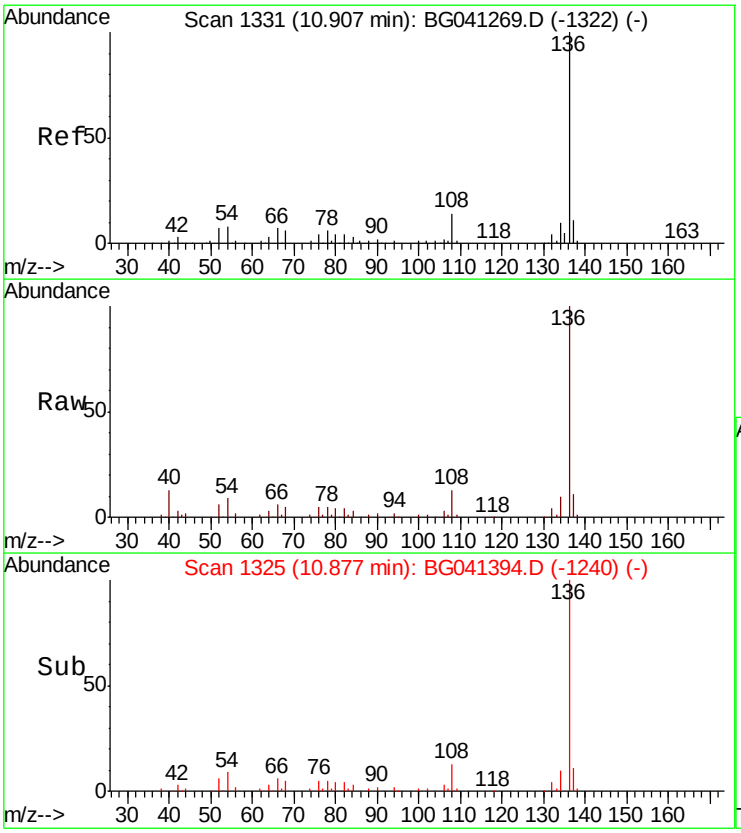
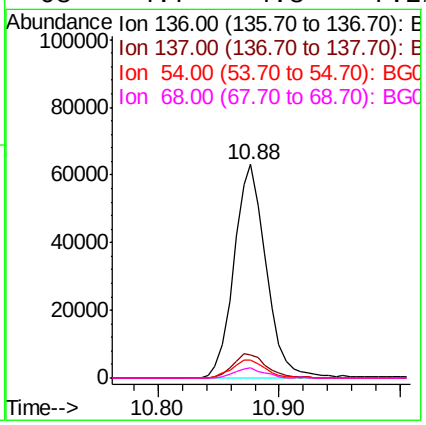
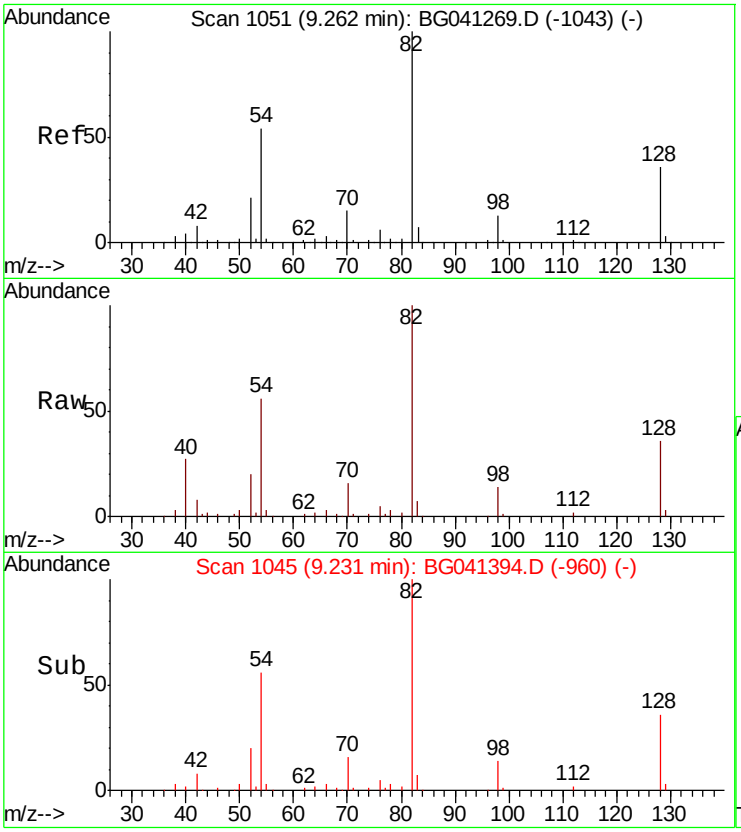


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1325
Delta R.T. -0.03 min
Lab File: BG041394.D
Acq: 22 Jun 2019 4:00

Tgt Ion:136 Resp: 116762

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	8.7	6.4	9.6
68	4.7	4.8	7.2#

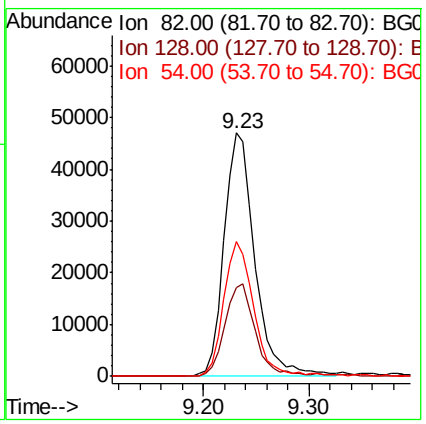




#23
Nitrobenzene-d5
Concen: 33.969 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.03 min
Lab File: BG041394.D
Acq: 22 Jun 2019 4:00

Tgt Ion: 82 Resp: 94308

Ion	Ratio	Lower	Upper
82	100		
128	36.4	29.2	43.8
54	55.6	43.4	65.0



Instrument :
BNA_G
ClientSampleId :
OR-02-061919-B

Manual Integrations APPROVED
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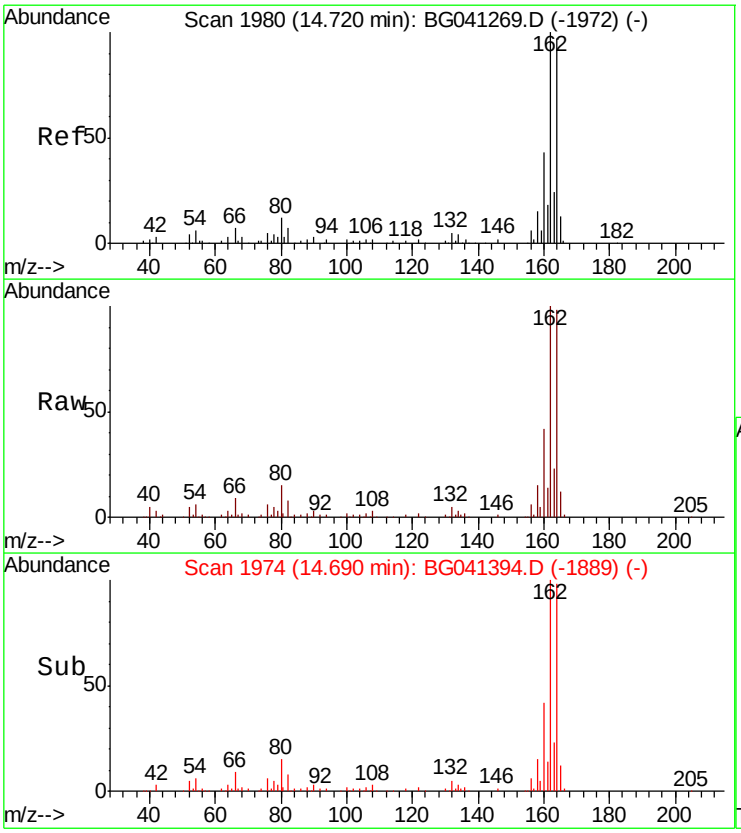
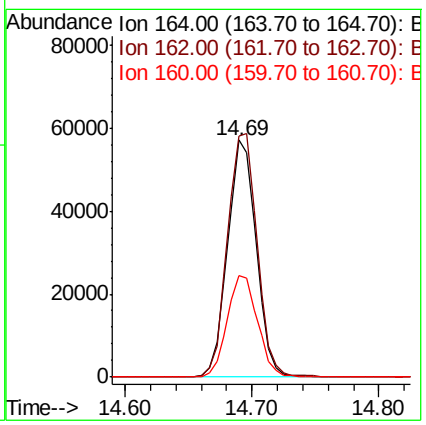
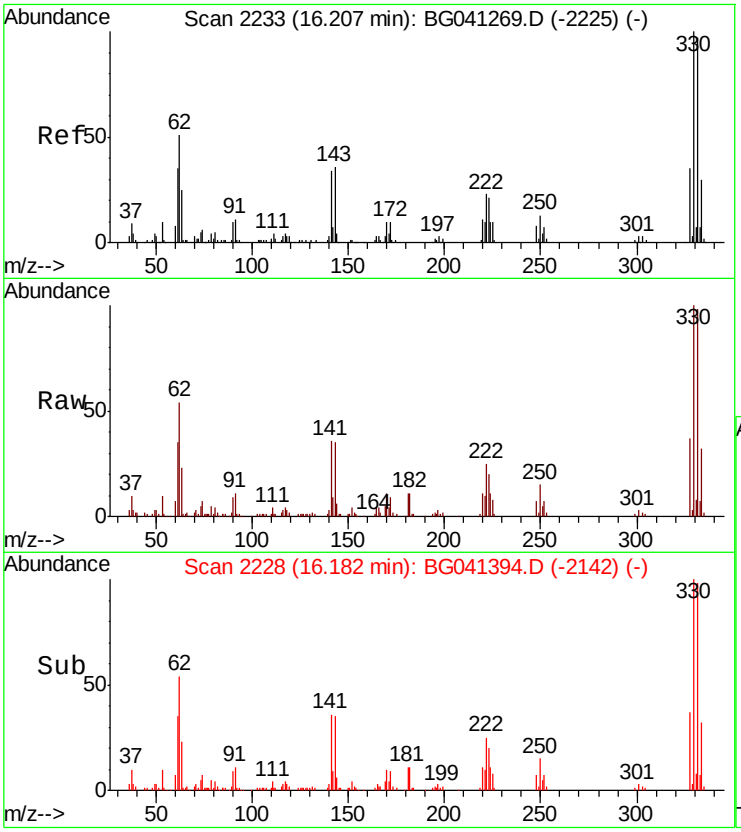


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.03 min
Lab File: BG041394.D
Acq: 22 Jun 2019 4:00

Tgt Ion:164 Resp: 88777

Ion	Ratio	Lower	Upper
164	100		
162	101.8	82.8	124.2
160	42.9	35.8	53.8

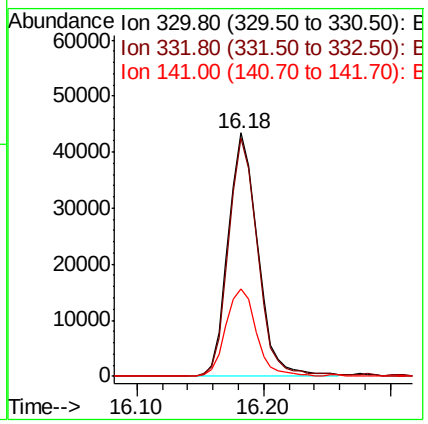




#42
2,4,6-Tribromophenol
Concen: 51.665 ng
RT: 16.18 min Scan# 2228
Delta R.T. -0.02 min
Lab File: BG041394.D
Acq: 22 Jun 2019 4:00

Tgt Ion:330 Resp: 70415

Ion	Ratio	Lower	Upper
330	100		
332	96.2	75.5	113.3
141	36.8	29.0	43.4



Instrument :
BNA_G
ClientSampleId :
OR-02-061919-B

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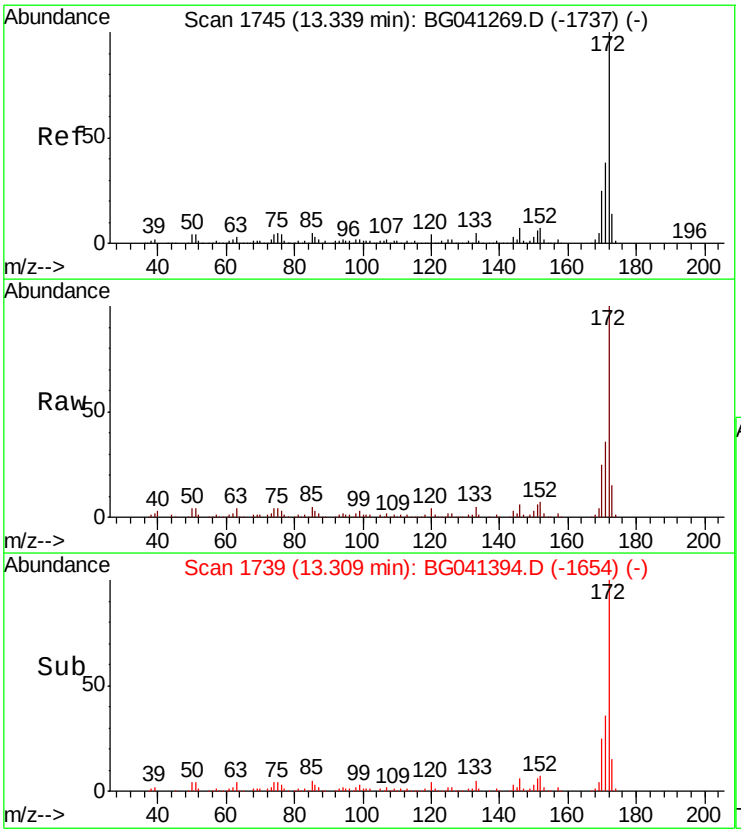
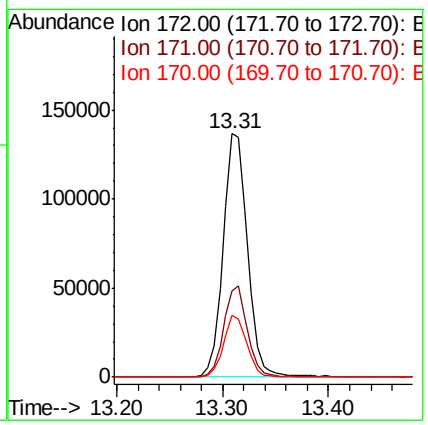
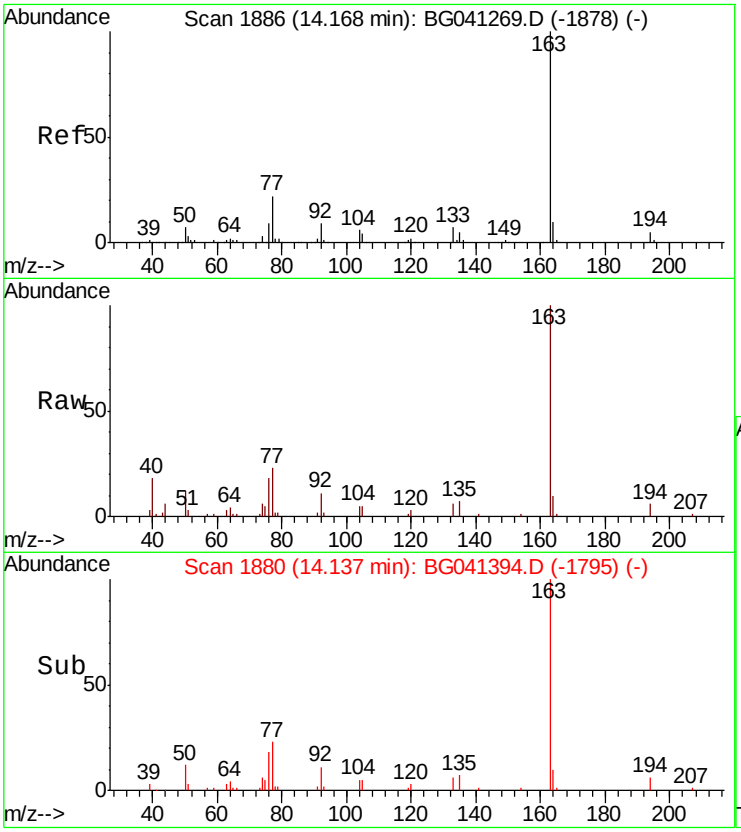


#45
2-Fluorobiphenyl
Concen: 33.371 ng
RT: 13.31 min Scan# 1739
Delta R.T. -0.03 min
Lab File: BG041394.D
Acq: 22 Jun 2019 4:00

Tgt Ion:172 Resp: 217974

Ion	Ratio	Lower	Upper
172	100		
171	35.6	30.0	45.0
170	25.2	19.8	29.6

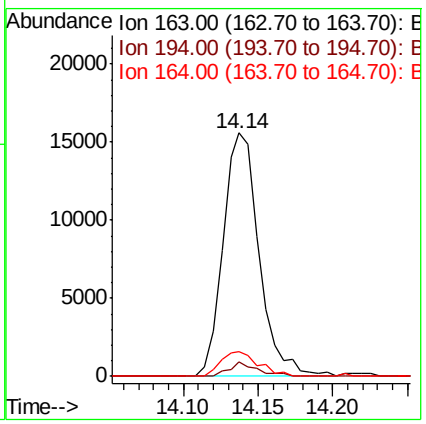




#50
Dimethylphthalate
Concen: 3.327 ng
RT: 14.14 min Scan# 1880
Delta R.T. -0.03 min
Lab File: BG041394.D
Acq: 22 Jun 2019 4:00

Tgt Ion:163 Resp: 26277

Ion	Ratio	Lower	Upper
163	100		
194	5.9	3.9	5.9#
164	10.3	8.3	12.5



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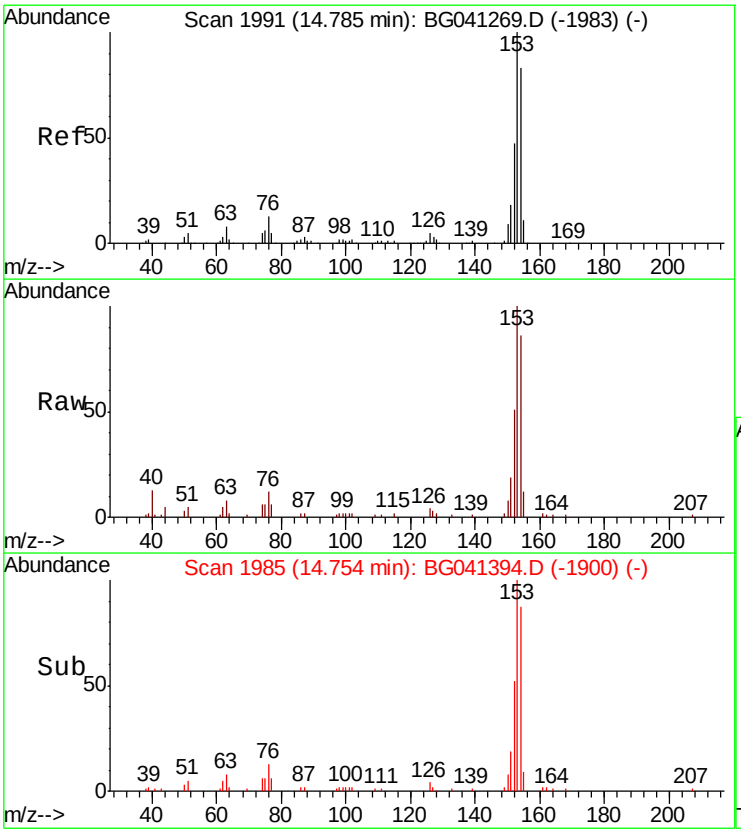
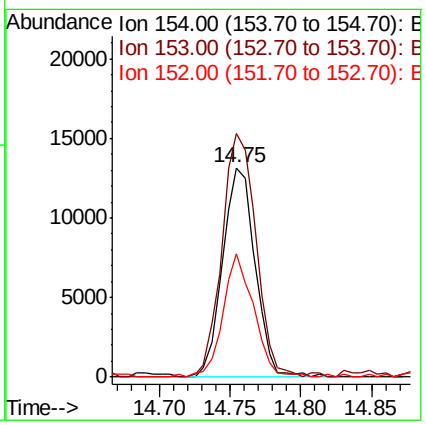
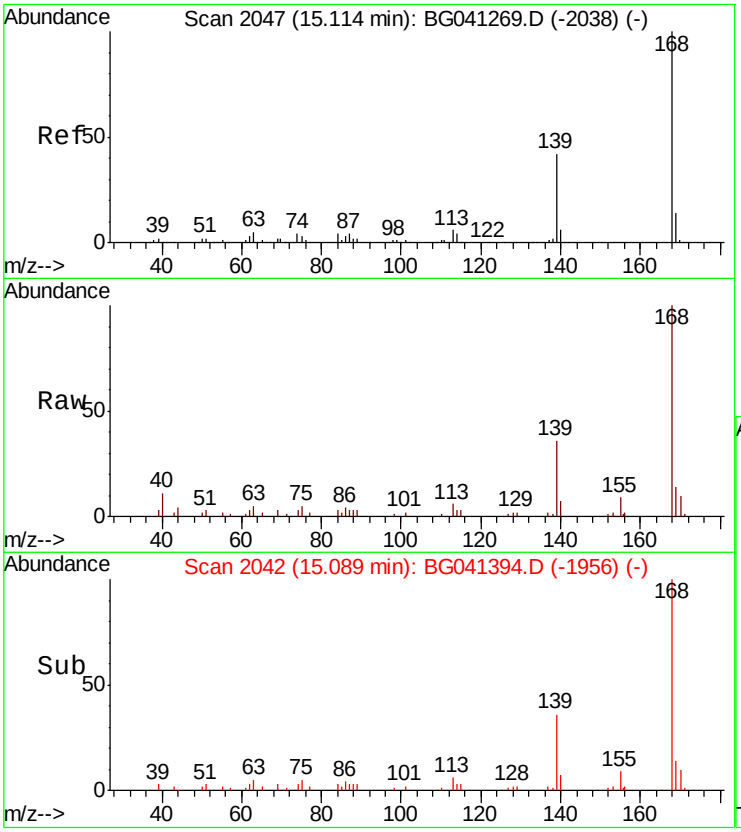


#52
Acenaphthene
Concen: 4.086 ng
RT: 14.75 min Scan# 1985
Delta R.T. -0.03 min
Lab File: BG041394.D
Acq: 22 Jun 2019 4:00

Tgt Ion:154 Resp: 21038

Ion	Ratio	Lower	Upper
154	100		
153	116.5	96.6	145.0
152	59.2	45.5	68.3

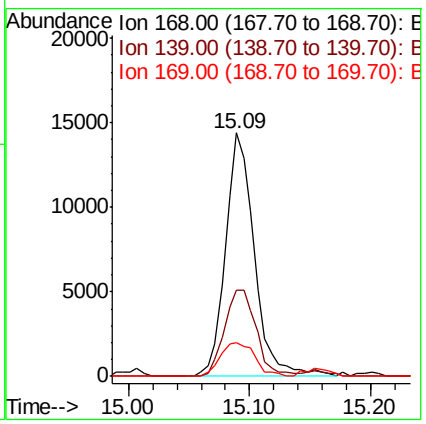




#55
Dibenzofuran
Concen: 2.665 ng
RT: 15.09 min Scan# 2042
Delta R.T. -0.02 min
Lab File: BG041394.D
Acq: 22 Jun 2019 4:00

Tgt Ion:168 Resp: 23857

Ion	Ratio	Lower	Upper
168	100		
139	35.6	33.6	50.4
169	13.9	10.8	16.2



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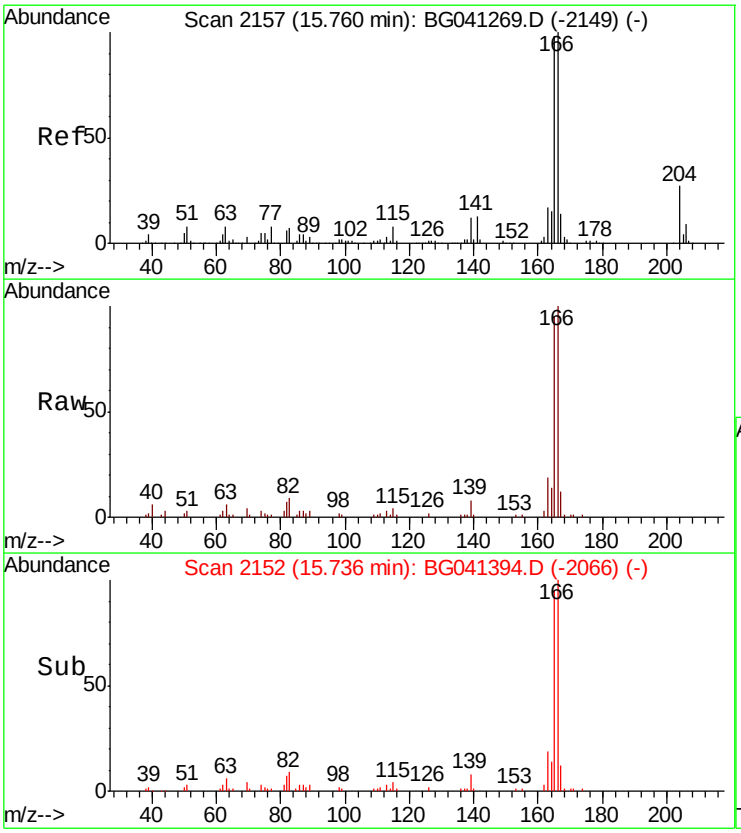
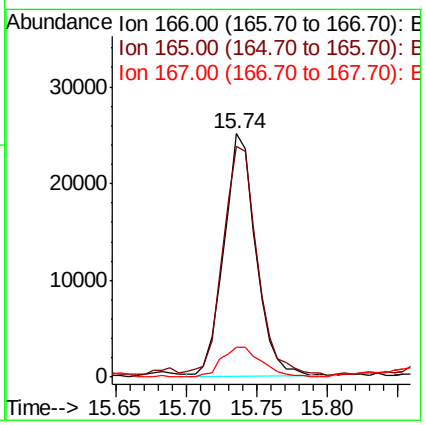
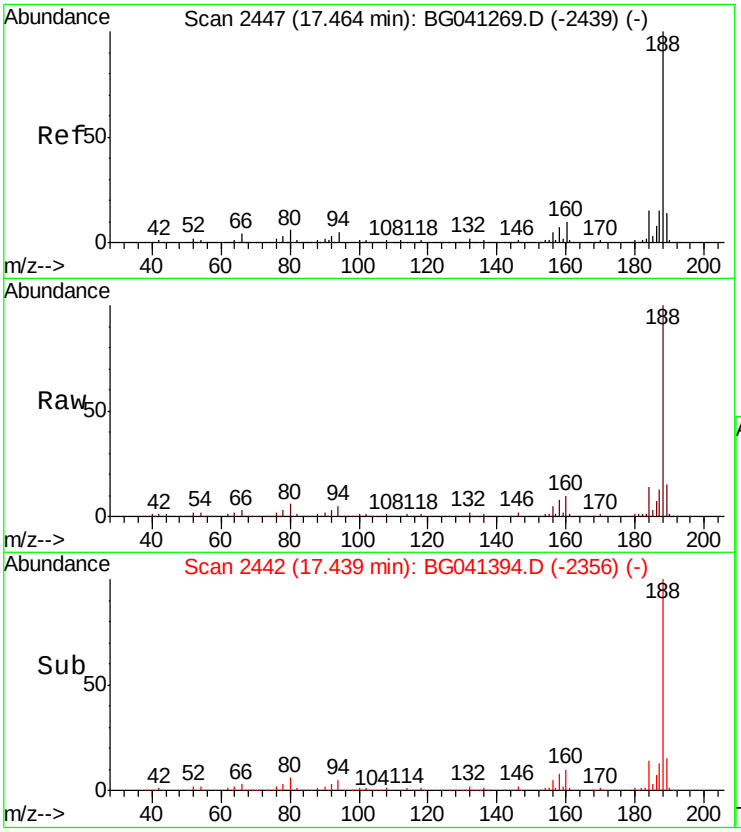


#58
Fluorene
Concen: 5.577 ng
RT: 15.74 min Scan# 2152
Delta R.T. -0.02 min
Lab File: BG041394.D
Acq: 22 Jun 2019 4:00

Tgt Ion:166 Resp: 39276

Ion	Ratio	Lower	Upper
166	100		
165	94.9	78.8	118.2
167	12.4	11.3	16.9

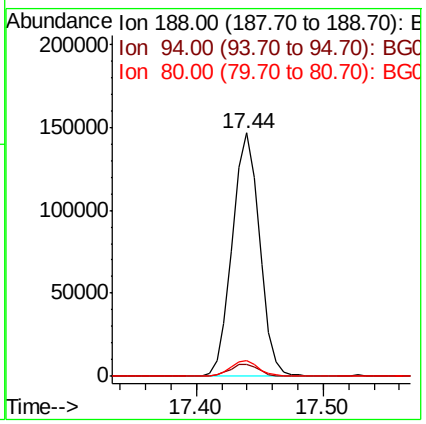




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2442
Delta R.T. -0.02 min
Lab File: BG041394.D
Acq: 22 Jun 2019 4:00

Tgt Ion:188 Resp: 218158

Ion	Ratio	Lower	Upper
188	100		
94	5.1	3.6	5.4
80	6.5	4.8	7.2



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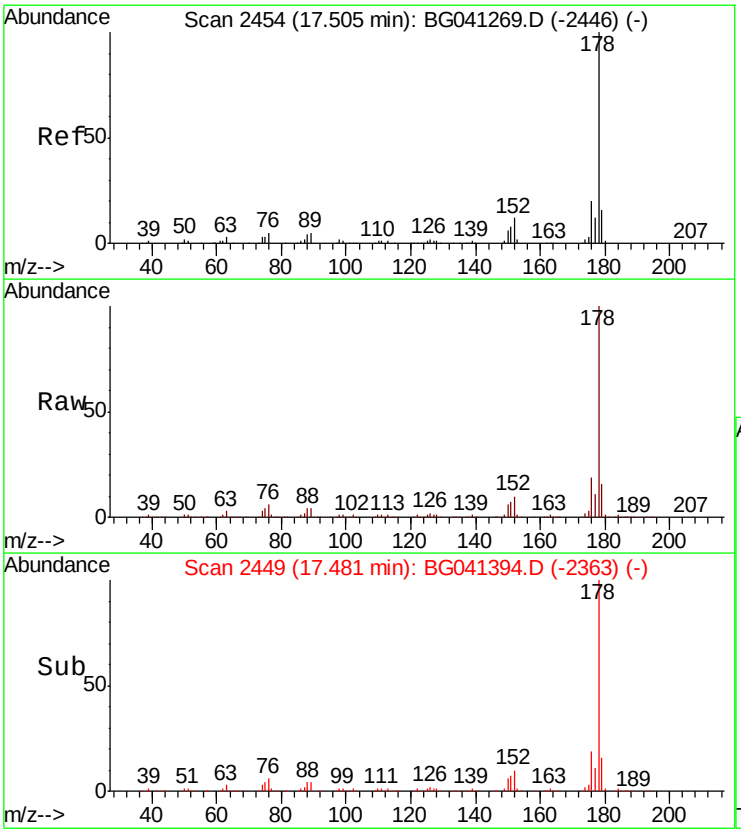
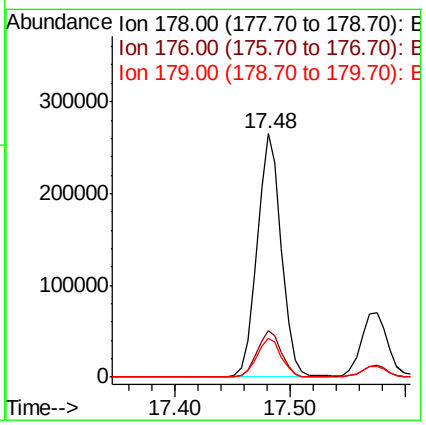
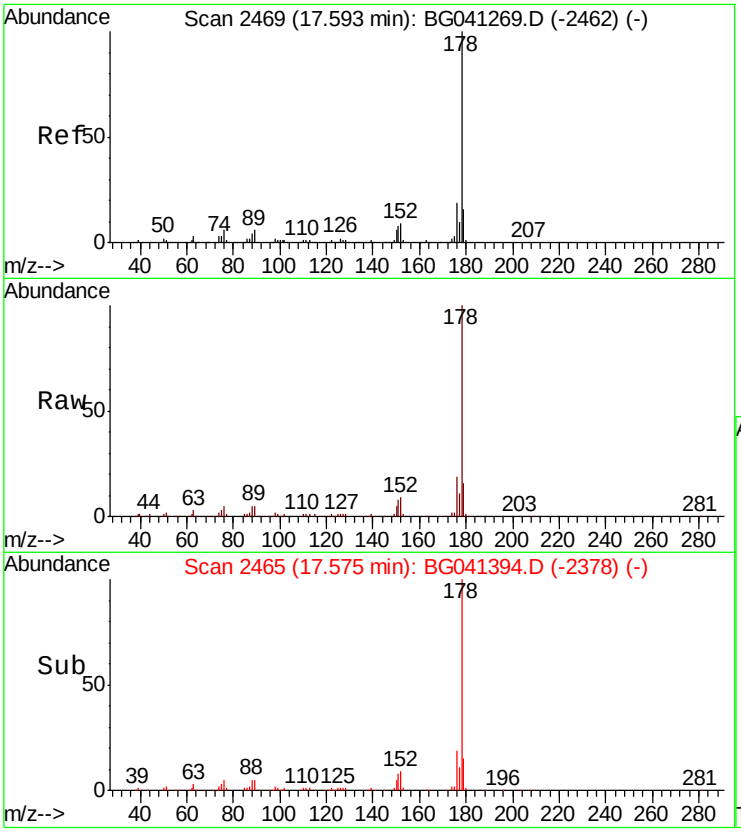


#71
Phenanthrene
Concen: 33.286 ng
RT: 17.48 min Scan# 2449
Delta R.T. -0.02 min
Lab File: BG041394.D
Acq: 22 Jun 2019 4:00

Tgt Ion:178 Resp: 387286

Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.1	24.1
179	15.8	12.9	19.3

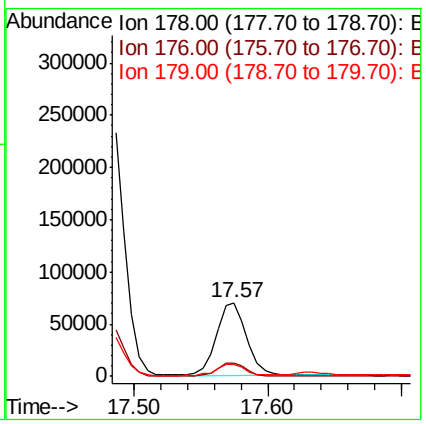




#72
Anthracene
Concen: 9.762 ng
RT: 17.57 min Scan# 2465
Delta R.T. -0.02 min
Lab File: BG041394.D
Acq: 22 Jun 2019 4:00

Tgt Ion:178 Resp: 111973

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.4	23.2
179	15.5	13.0	19.4



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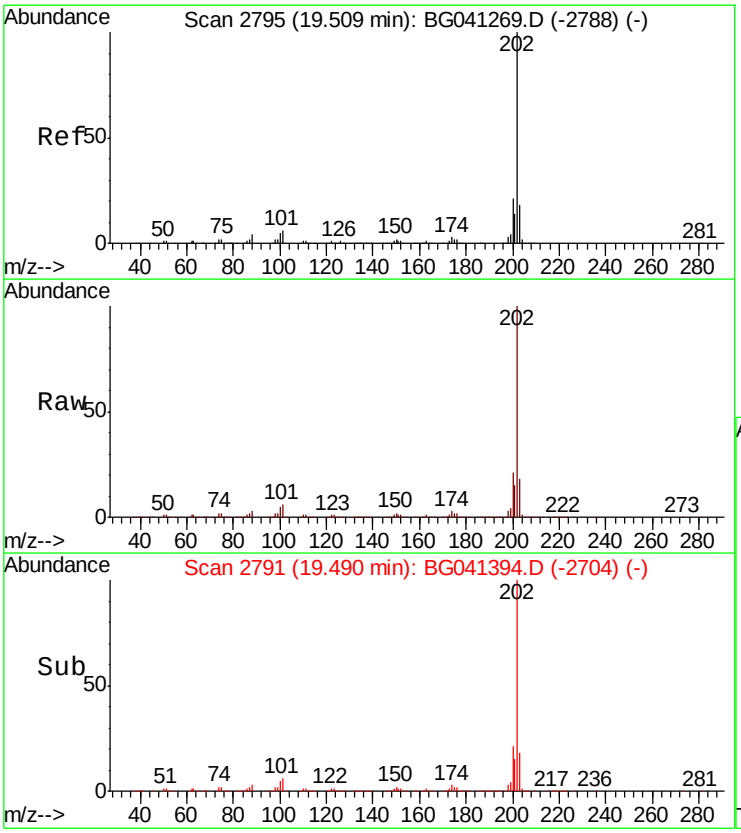
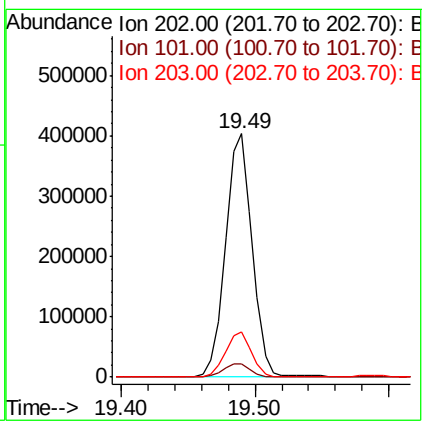
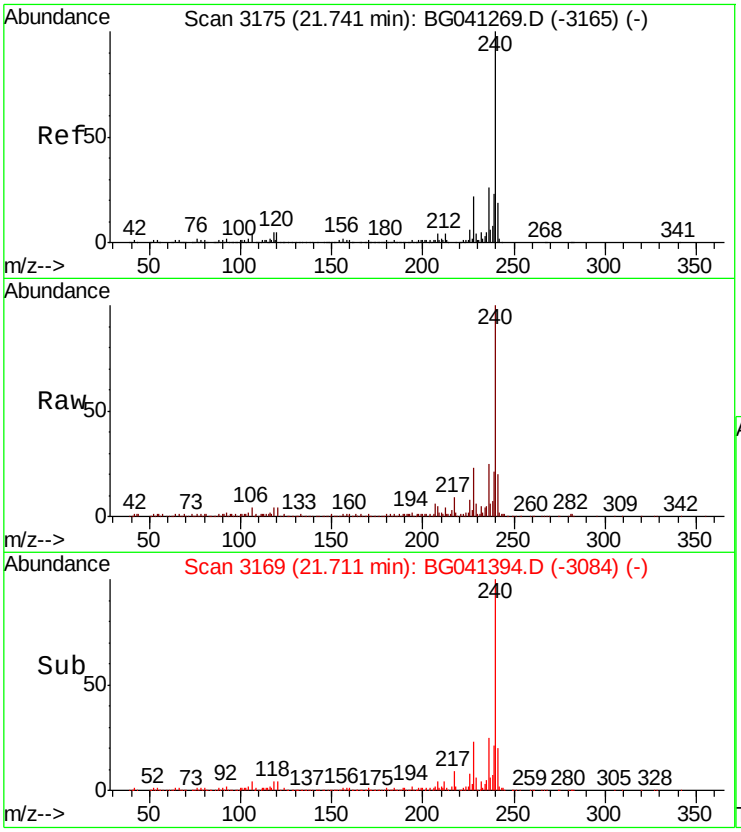


#75
Fluoranthene
Concen: 36.443 ng
RT: 19.49 min Scan# 2791
Delta R.T. -0.02 min
Lab File: BG041394.D
Acq: 22 Jun 2019 4:00

Tgt Ion:202 Resp: 563312

Ion	Ratio	Lower	Upper
202	100		
101	5.6	0.0	26.0
203	18.4	0.0	37.7

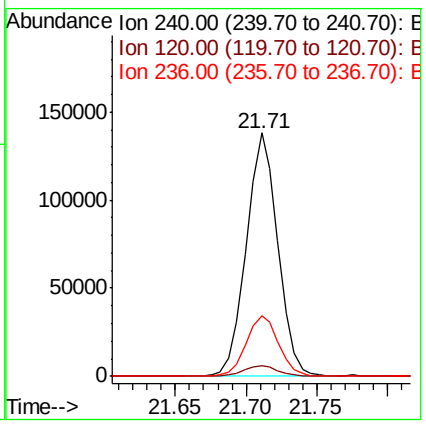




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.71 min Scan# 3169
Delta R.T. -0.03 min
Lab File: BG041394.D
Acq: 22 Jun 2019 4:00

Tgt Ion:240 Resp: 216835

Ion	Ratio	Lower	Upper
240	100		
120	4.1	3.7	5.5
236	25.0	21.1	31.7



Instrument :
BNA_G
ClientSampleId :
OR-02-061919-B

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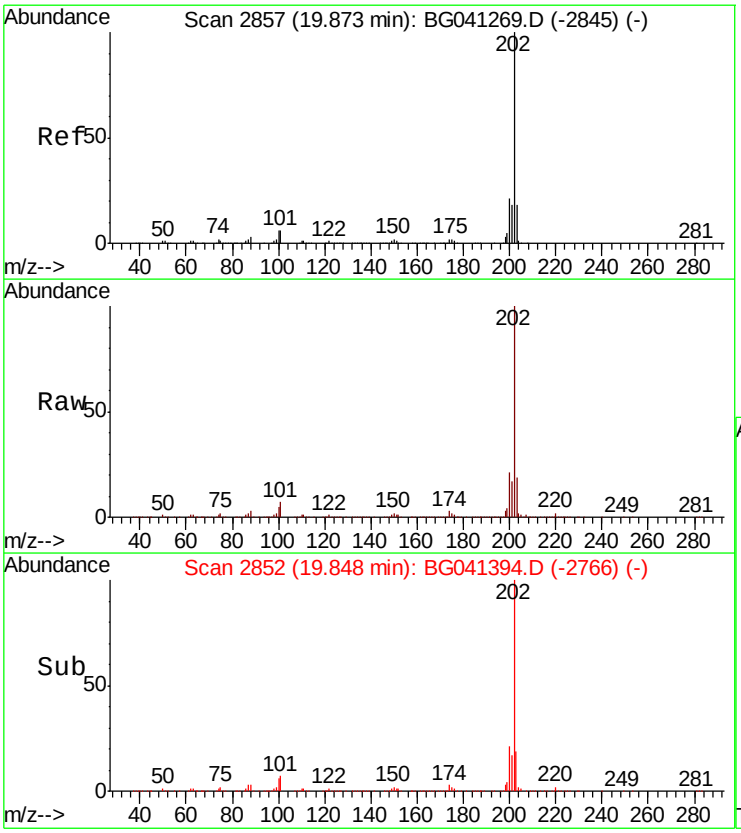
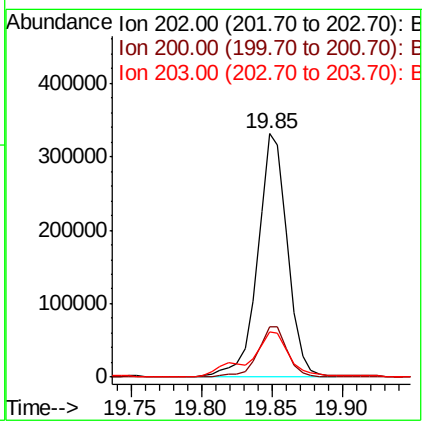
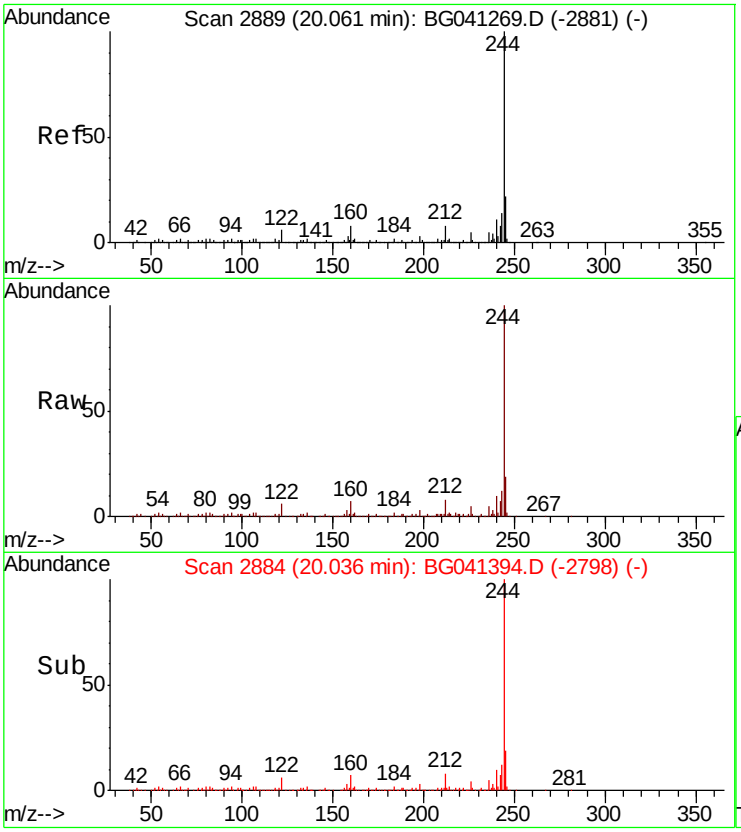


#78
Pyrene
Concen: 33.456 ng
RT: 19.85 min Scan# 2852
Delta R.T. -0.02 min
Lab File: BG041394.D
Acq: 22 Jun 2019 4:00

Tgt Ion:202 Resp: 489237

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.8	25.2
203	18.8	14.6	21.8

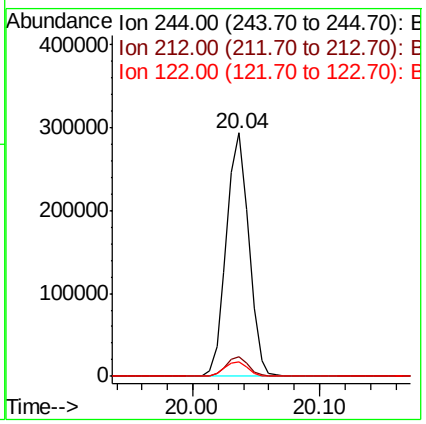




#79
Terphenyl-d14
Concen: 32.931 ng
RT: 20.04 min Scan# 2884
Delta R.T. -0.02 min
Lab File: BG041394.D
Acq: 22 Jun 2019 4:00

Tgt Ion:244 Resp: 360305

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.6	10.0
122	5.8	5.0	7.4



Instrument :
BNA_G
ClientSampleId :
OR-02-061919-B

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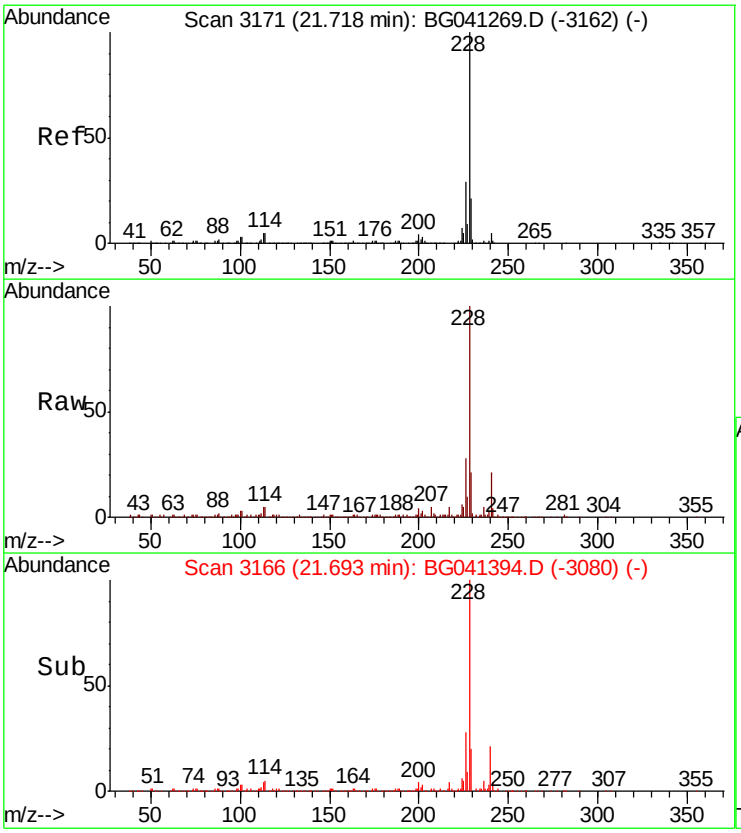
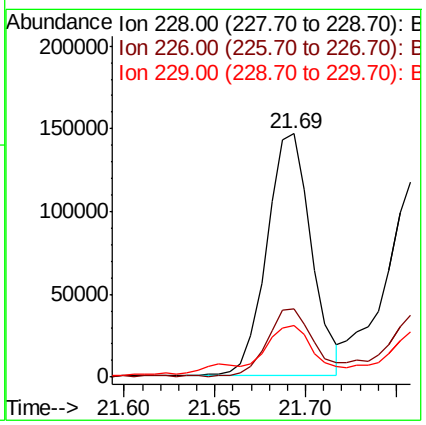
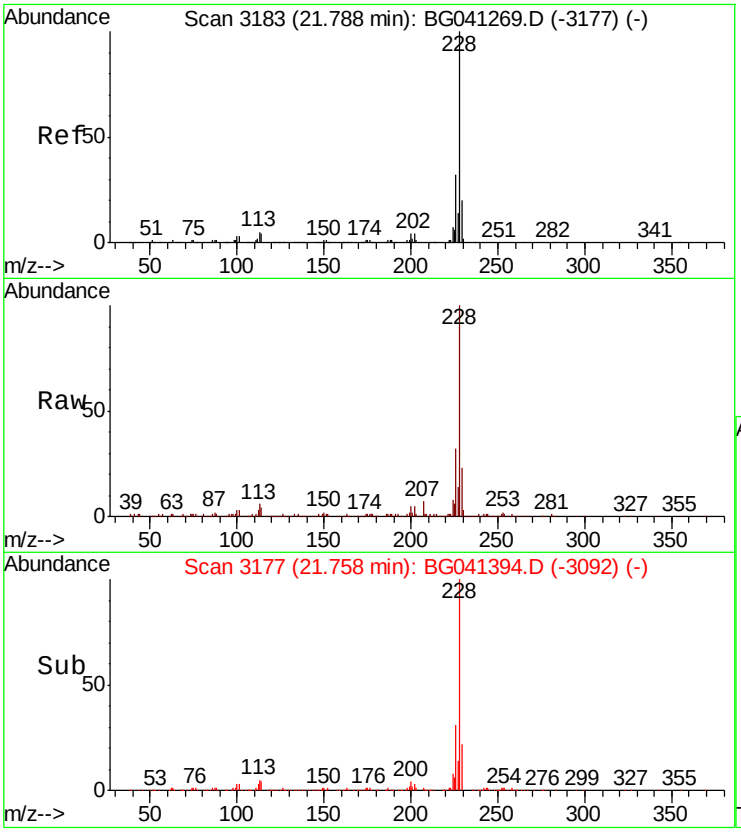


#81
Benzo(a)anthracene
Concen: 17.045 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.02 min
Lab File: BG041394.D
Acq: 22 Jun 2019 4:00

Tgt Ion:228 Resp: 250255

Ion	Ratio	Lower	Upper
228	100		
226	28.1	23.2	34.8
229	21.0	16.8	25.2

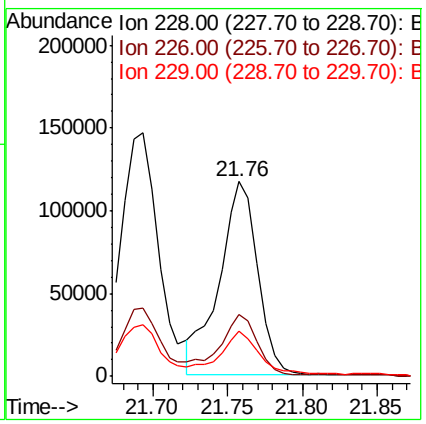




#83
Chrysene
Concen: 14.961 ng
RT: 21.76 min Scan# 3177
Delta R.T. -0.03 min
Lab File: BG041394.D
Acq: 22 Jun 2019 4:00

Tgt Ion:228 Resp: 211230

Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.4	38.0
229	23.3	16.2	24.2



Instrument :
BNA_G
ClientSampleId :
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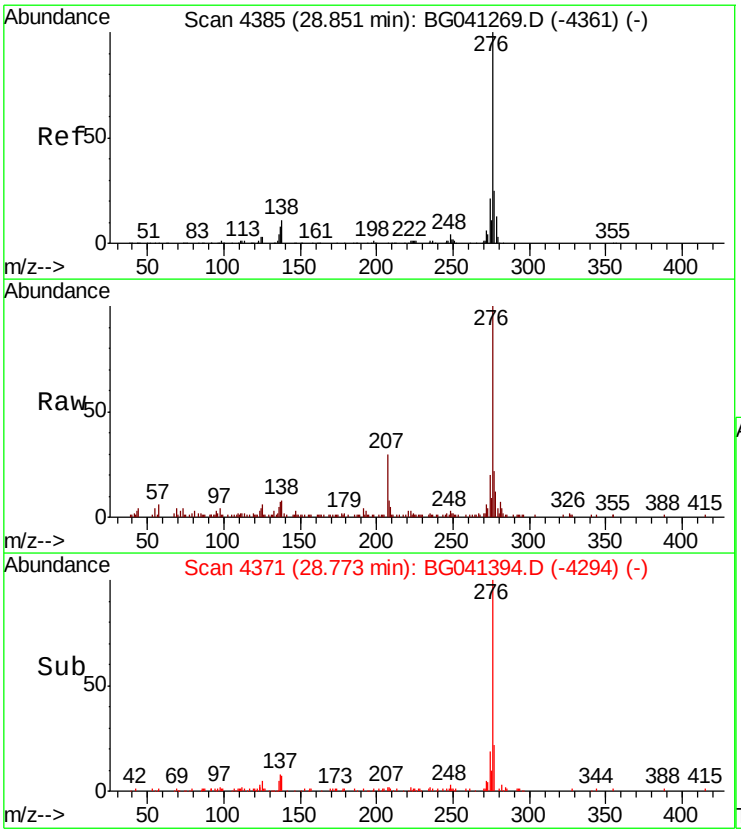
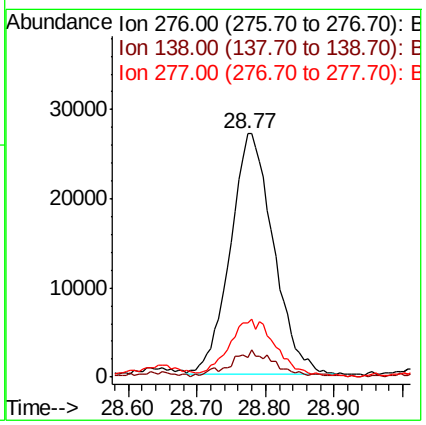
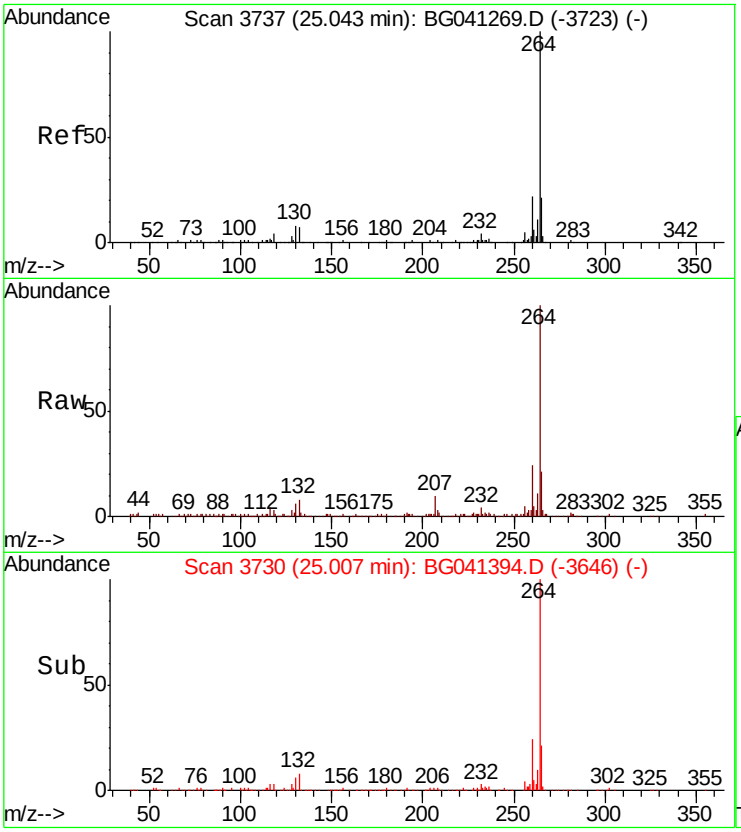


#86
Indeno(1,2,3-cd)pyrene
Concen: 7.026 ng
RT: 28.77 min Scan# 4371
Delta R.T. -0.08 min
Lab File: BG041394.D
Acq: 22 Jun 2019 4:00

Tgt Ion:276 Resp: 117696

Ion	Ratio	Lower	Upper
276	100		
138	9.1	7.7	11.5
277	23.7	20.6	31.0

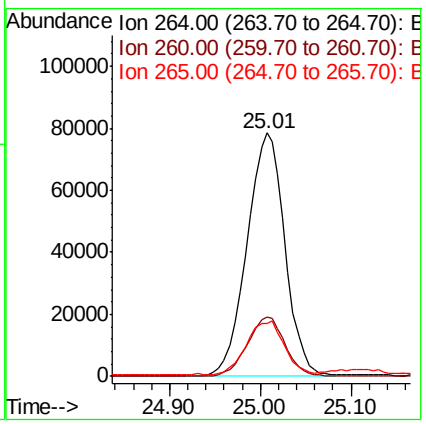




#87
Perylene-d12
Concen: 20.000 ng
RT: 25.01 min Scan# 3730
Delta R.T. -0.04 min
Lab File: BG041394.D
Acq: 22 Jun 2019 4:00

Tgt Ion:264 Resp: 228360

Ion	Ratio	Lower	Upper
264	100		
260	24.3	17.4	26.2
265	21.5	17.2	25.8



Instrument :
BNA_G
ClientSampleId :
OR-02-061919-B

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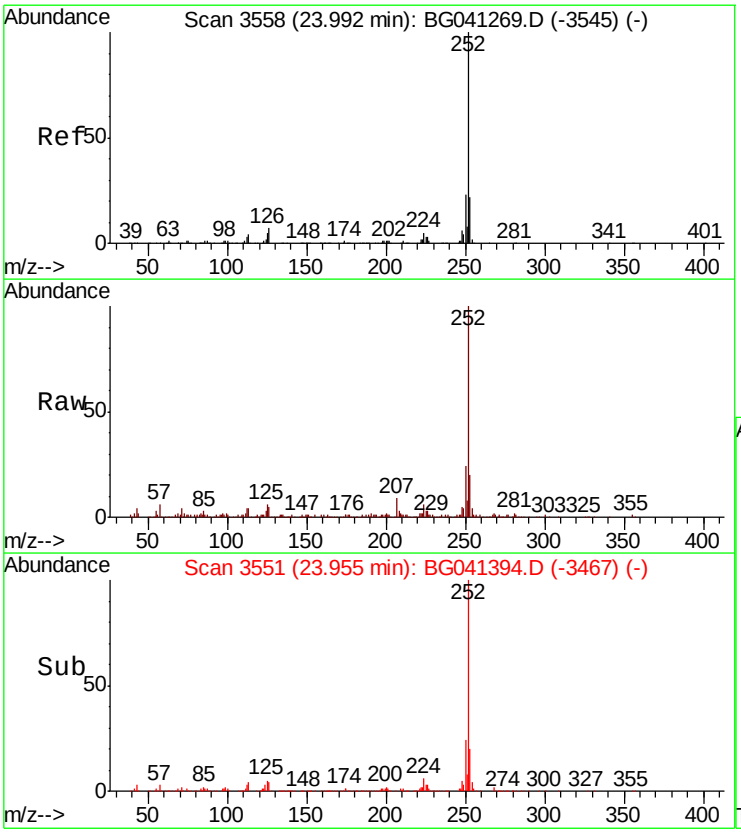
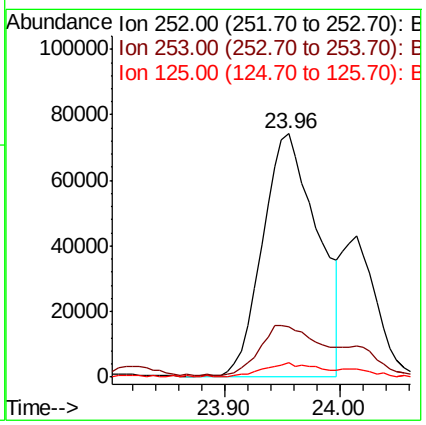
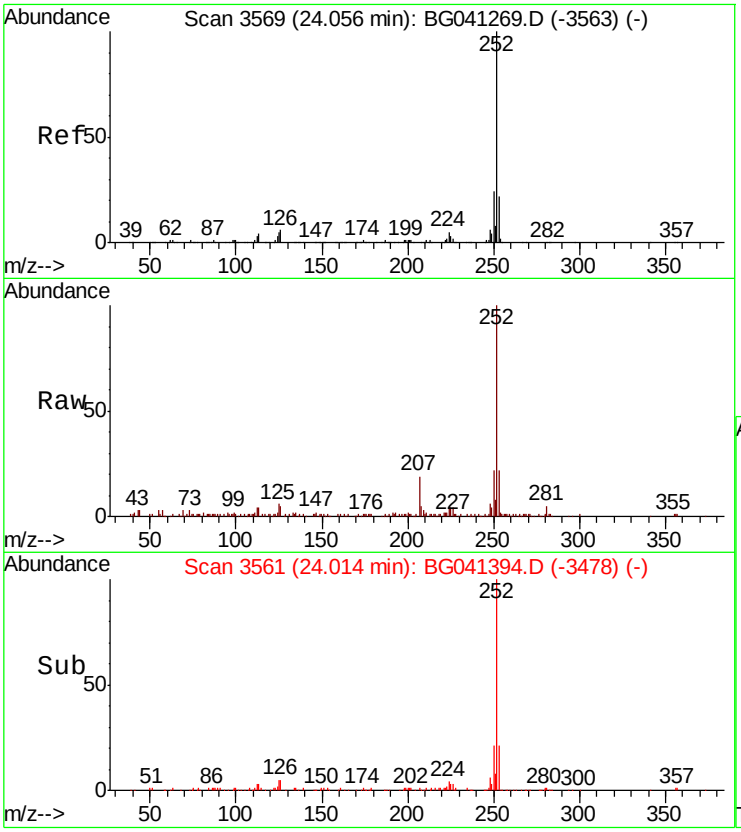


#88
Benzo(b)fluoranthene
Concen: 17.333 ng
RT: 23.96 min Scan# 3551
Delta R.T. -0.04 min
Lab File: BG041394.D
Acq: 22 Jun 2019 4:00

Tgt Ion:252 Resp: 245306

Ion	Ratio	Lower	Upper
252	100		
253	20.5	17.4	26.0
125	5.7	3.9	5.9

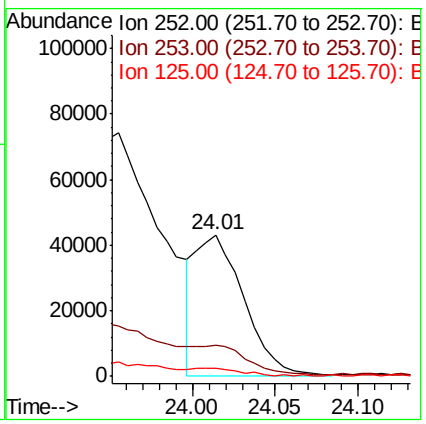




#89
Benzo(k)fluoranthene
Concen: 6.319 ng m
RT: 24.01 min Scan# 3561
Delta R.T. -0.04 min
Lab File: BG041394.D
Acq: 22 Jun 2019 4:00

Tgt Ion:252 Resp: 88589

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.0	27.0
125	5.6	4.3	6.5



Instrument :
BNA_G
ClientSampleId :
OR-02-061919-B

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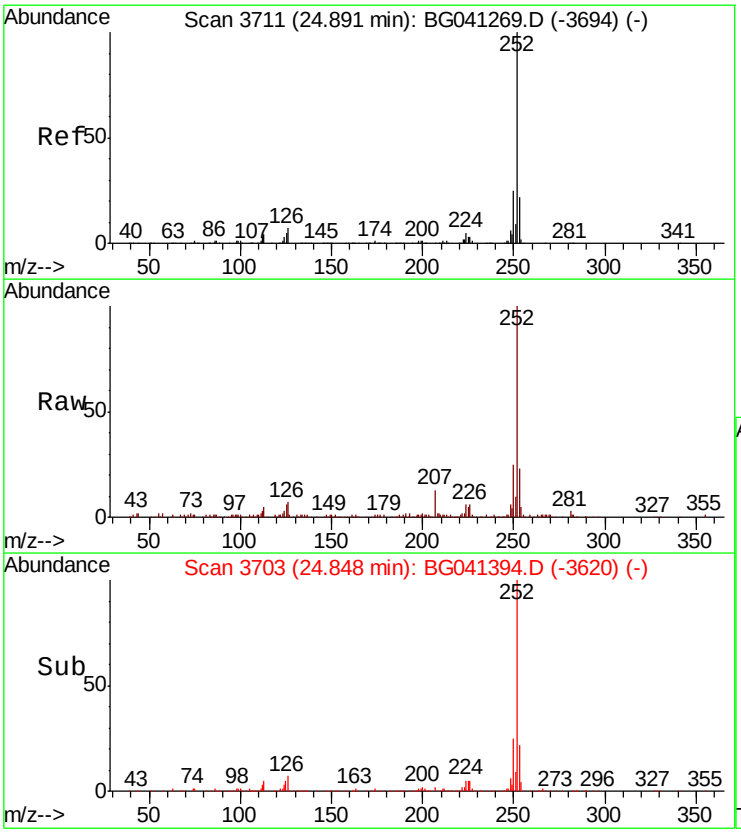
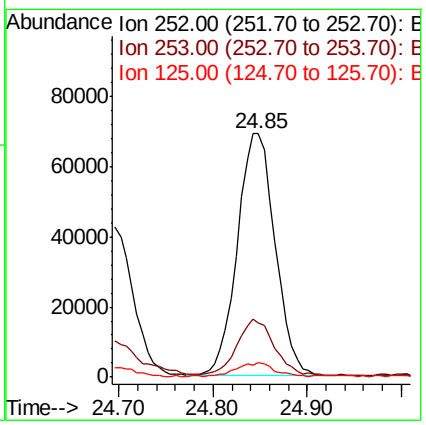
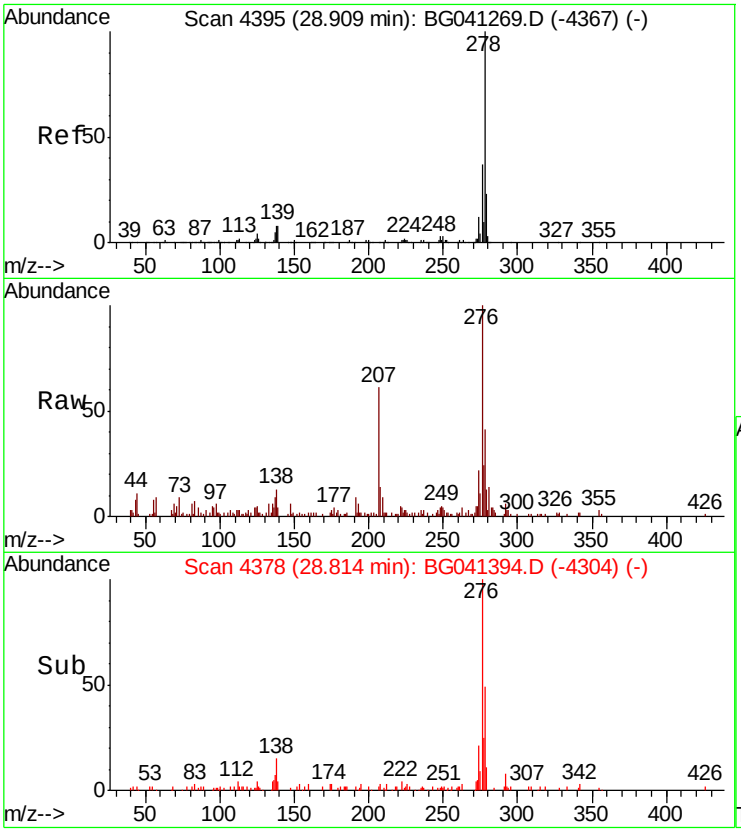


#90
Benzo(a)pyrene
Concen: 14.321 ng
RT: 24.85 min Scan# 3703
Delta R.T. -0.04 min
Lab File: BG041394.D
Acq: 22 Jun 2019 4:00

Tgt Ion:252 Resp: 191406

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.6
125	5.9	4.2	6.4

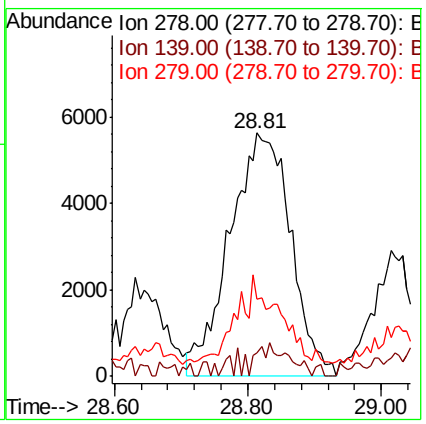




#91
Dibenzo(a,h)anthracene
Concen: 2.644 ng
RT: 28.81 min Scan# 4378
Delta R.T. -0.10 min
Lab File: BG041394.D
Acq: 22 Jun 2019 4:00

Tgt Ion:278 Resp: 35579

Ion	Ratio	Lower	Upper
278	100		
139	9.8	6.6	10.0
279	31.8	18.5	27.7#



Instrument :
BNA_G
ClientSampleId :
OR-02-061919-B

Manual Integrations APPROVED
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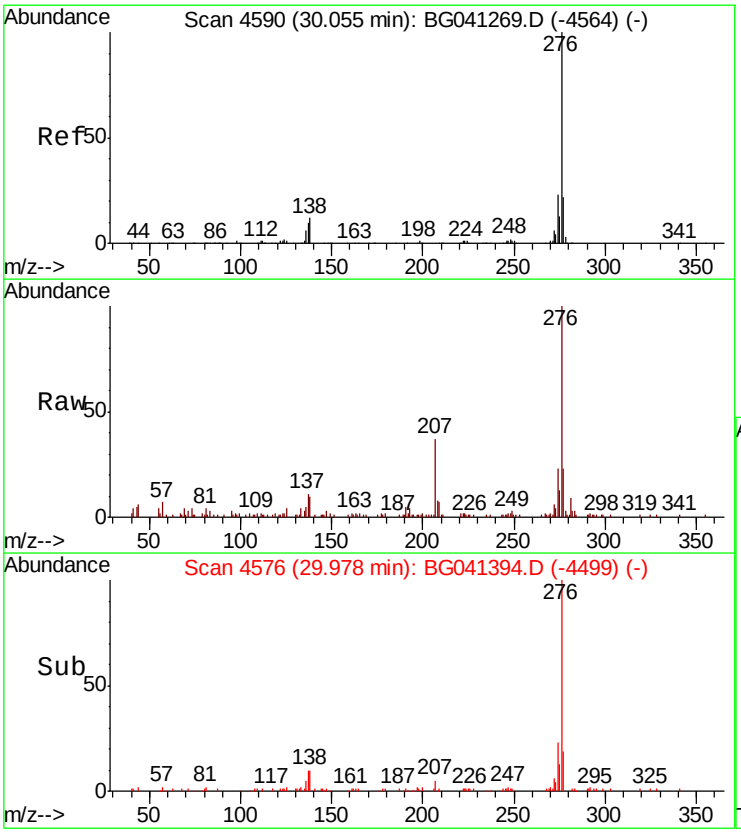

#92
Benzo(g,h,i)perylene
Concen: 8.337 ng
RT: 29.98 min Scan# 4576
Delta R.T. -0.08 min
Lab File: BG041394.D
Acq: 22 Jun 2019 4:00

Tgt Ion:276 Resp: 110862

Ion	Ratio	Lower	Upper
276	100		
277	22.8	17.9	26.9
138	10.3	9.4	14.0