Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062019\
Data File : BG041355.D
Acq On : 20 Jun 2019 13:55
Operator : HP/JU
Sample : K3158-03 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-01-061719

Manual Integrations APPROVED
mohammad
6/21/2019 9:58:29 PM

Quant Time: Jun 20 16:23:31 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

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	38094	20.00	ng		0.00
21) Naphthalene-d8	10.90	136	157623	20.00	ng		-0.01
39) Acenaphthene-d10	14.71	164	99730	20.00	ng		-0.01
64) Phenanthrene-d10	17.46	188	220473	20.00	ng		0.00
76) Chrysene-d12	21.74	240	234186	20.00	ng		0.00
87) Perylene-d12	25.05	264	251302	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	133603	64.44	ng		0.00
7) Phenol-d6	7.23	99	207569	69.07	ng		0.00
23) Nitrobenzene-d5	9.25	82	142950	38.14	ng		-0.01
42) 2,4,6-Tribromophenol	16.20	330	88845	58.03	ng		0.00
45) 2-Fluorobiphenyl	13.33	172	318194	43.36	ng		-0.01
79) Terphenyl-d14	20.06	244	486281	41.15	ng		0.00
Target Compounds							Qvalue
50) Dimethylphthalate	14.16	163	37388	4.213	ng		97
71) Phenanthrene	17.50	178	90959	7.735	ng		99
75) Fluoranthene	19.50	202	290533	18.598	ng		98
78) Pyrene	19.87	202	327185	20.716	ng		99
81) Benzo(a)anthracene	21.71	228	187728	11.839	ng		97
83) Chrysene	21.78	228	183711	12.048	ng		95
86) Indeno(1,2,3-cd)pyrene	28.85	276	86336	4.772	ng	#	91
88) Benzo(b)fluoranthene	23.99	252	223474	14.349	ng	#	92
89) Benzo(k)fluoranthene	24.05	252	82440m	5.343	ng		
90) Benzo(a)pyrene	24.90	252	159680	10.856	ng	#	98
92) Benzo(g,h,i)perylene	30.07	276	76580	5.233	ng	#	92

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

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Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062019\
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Instrument :
BNA_G
ClientSampleId :
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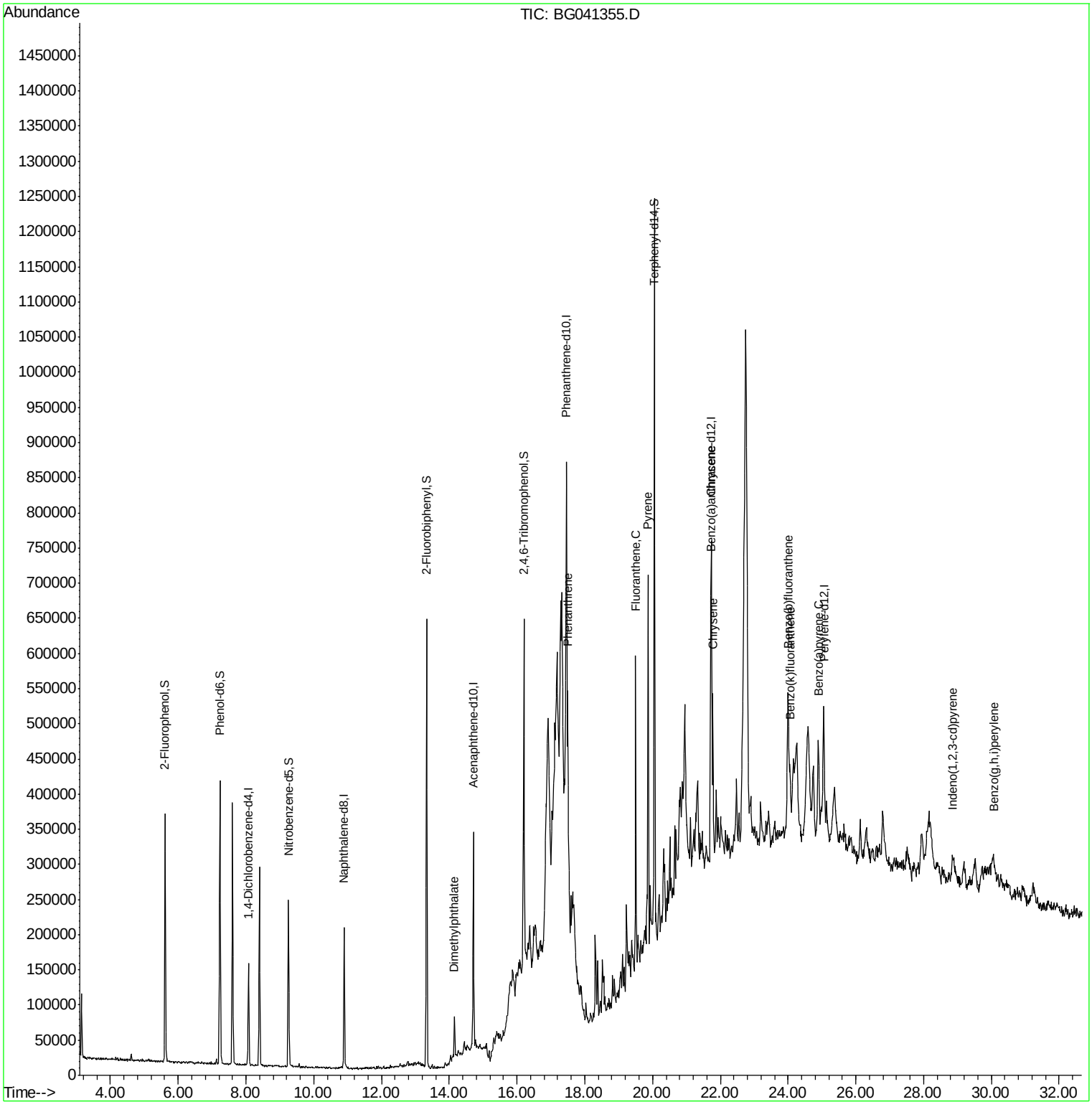
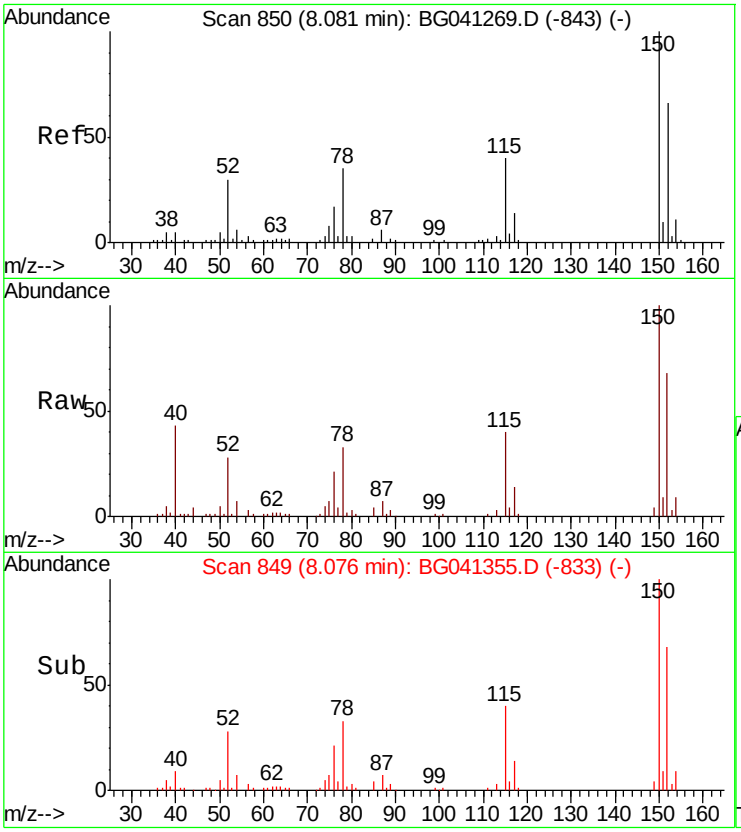
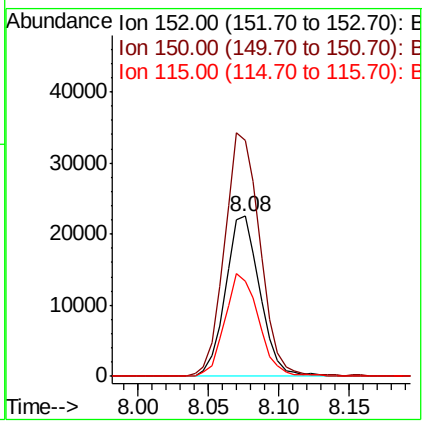




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 849
Delta R.T. -0.01 min
Lab File: BG041355.D
Acq: 20 Jun 2019 13:55

Tgt Ion:152 Resp: 38094

Ion	Ratio	Lower	Upper
152	100		
150	147.5	120.6	181.0
115	59.3	47.9	71.9



Instrument :
BNA_G
ClientSampleId :
OK-01-061719

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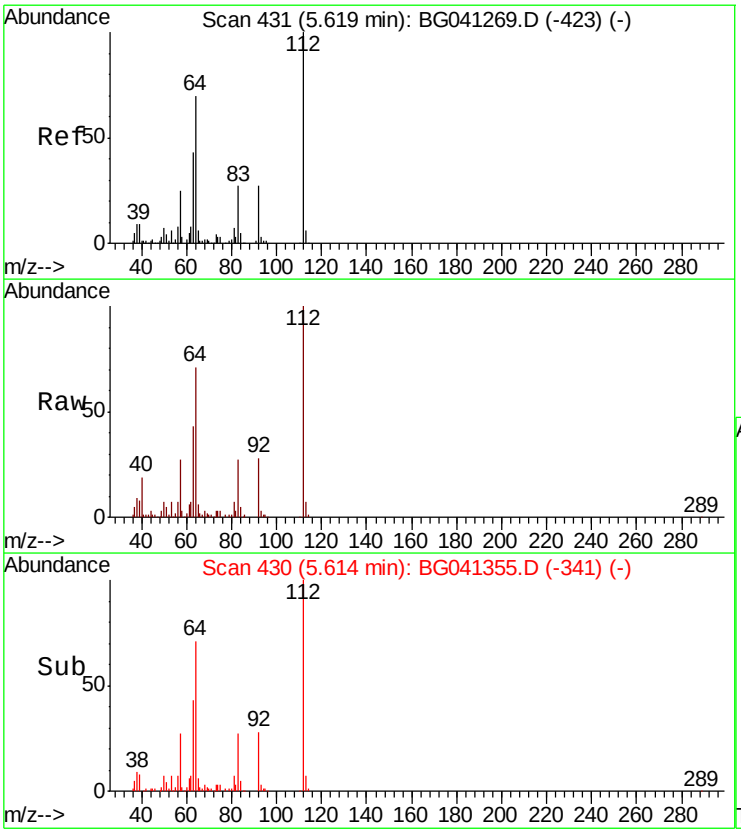
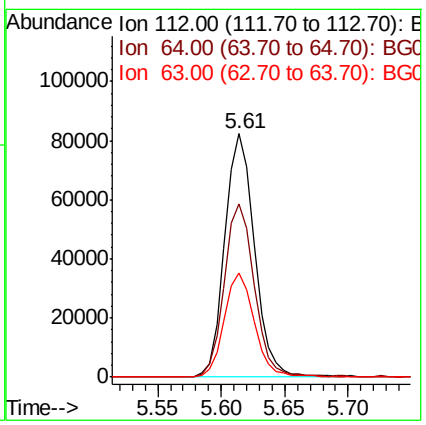
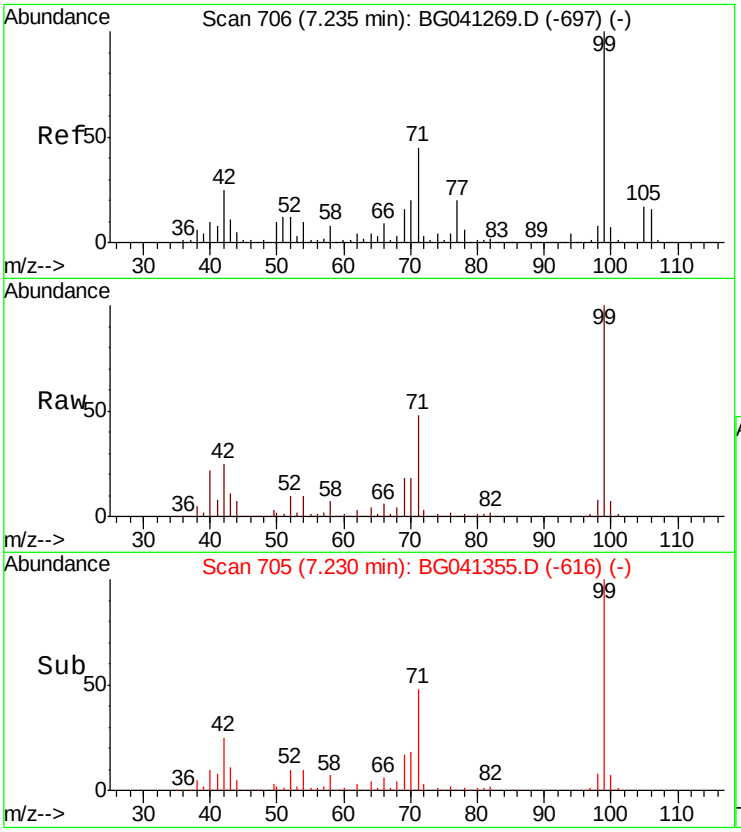


#5
2-Fluorophenol
Concen: 64.442 ng
RT: 5.61 min Scan# 430
Delta R.T. -0.01 min
Lab File: BG041355.D
Acq: 20 Jun 2019 13:55

Tgt Ion:112 Resp: 133603

Ion	Ratio	Lower	Upper
112	100		
64	70.9	55.9	83.9
63	42.7	34.6	51.8

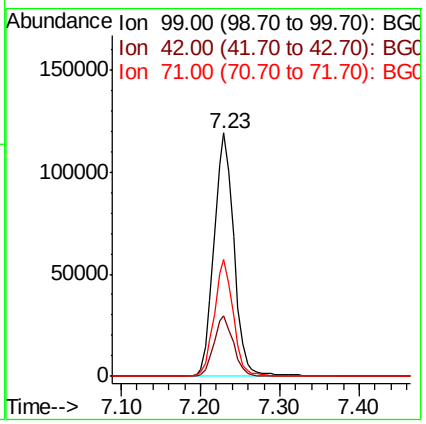




#7
Phenol-d6
Concen: 69.070 ng
RT: 7.23 min Scan# 705
Delta R.T. -0.01 min
Lab File: BG041355.D
Acq: 20 Jun 2019 13:55

Tgt Ion: 99 Resp: 207569

Ion	Ratio	Lower	Upper
99	100		
42	24.7	19.9	29.9
71	48.2	36.4	54.6



Instrument :
BNA_G
ClientSampleId :
OK-01-061719

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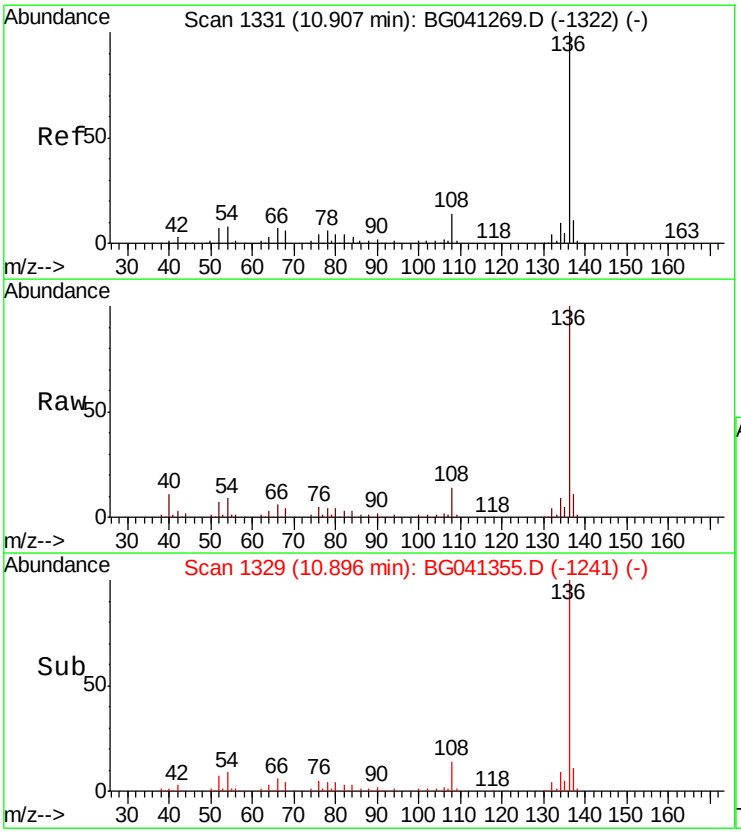
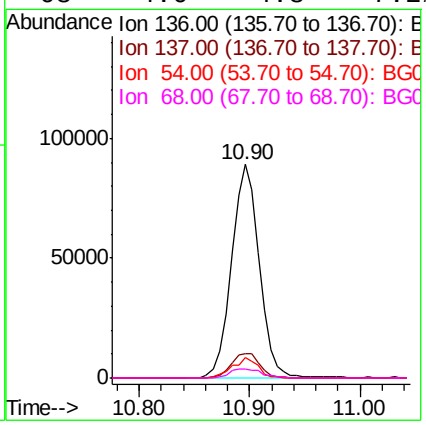
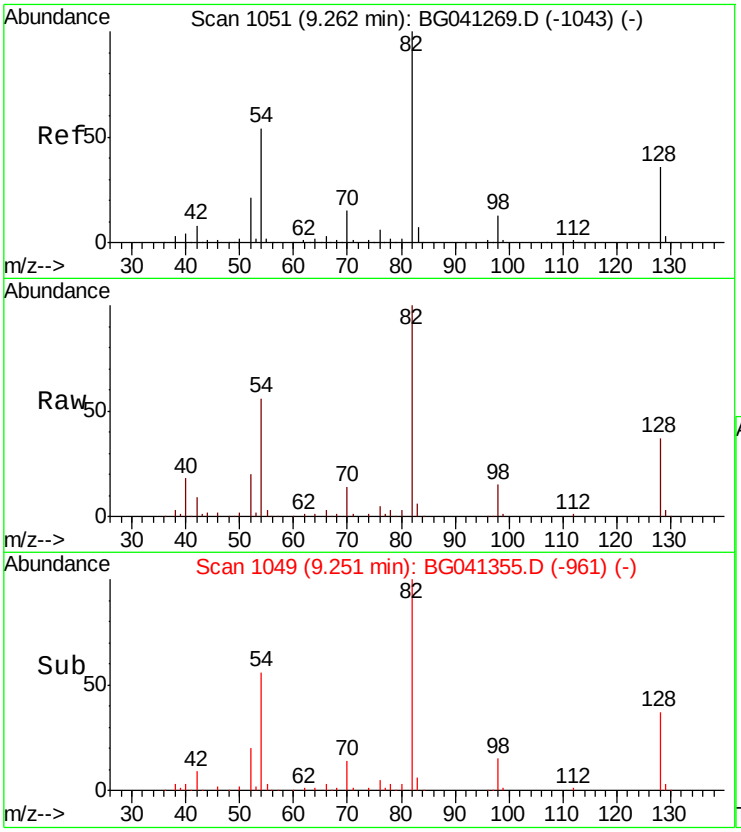


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BG041355.D
Acq: 20 Jun 2019 13:55

Tgt Ion:136 Resp: 157623

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	9.3	6.4	9.6
68	4.0	4.8	7.2#

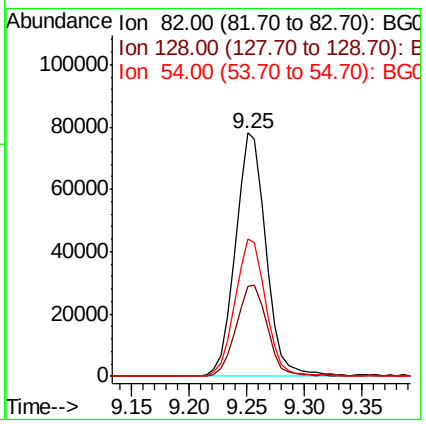




#23
Nitrobenzene-d5
Concen: 38.141 ng
RT: 9.25 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BG041355.D
Acq: 20 Jun 2019 13:55

Tgt Ion: 82 Resp: 142950

Ion	Ratio	Lower	Upper
82	100		
128	37.0	29.2	43.8
54	56.5	43.4	65.0



Instrument :
BNA_G
ClientSampleId :
OK-01-061719

Manual Integrations APPROVED
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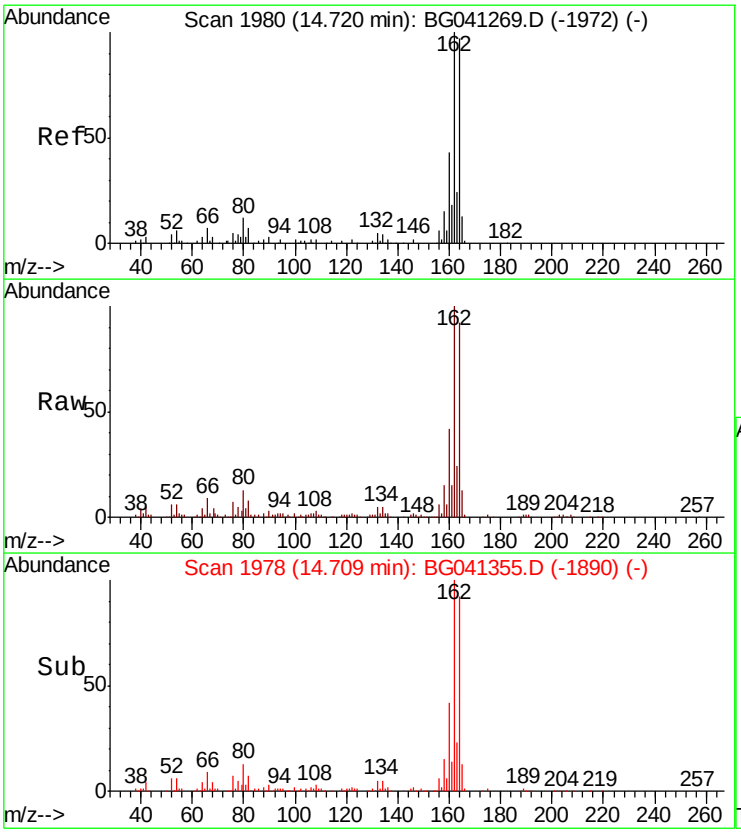
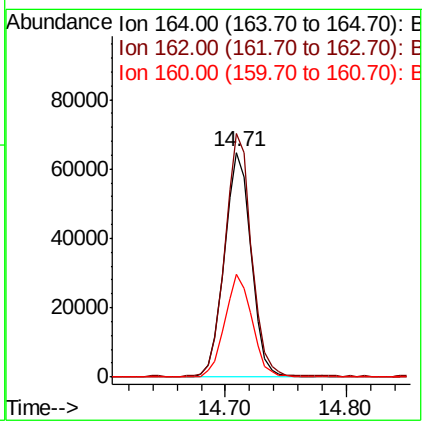
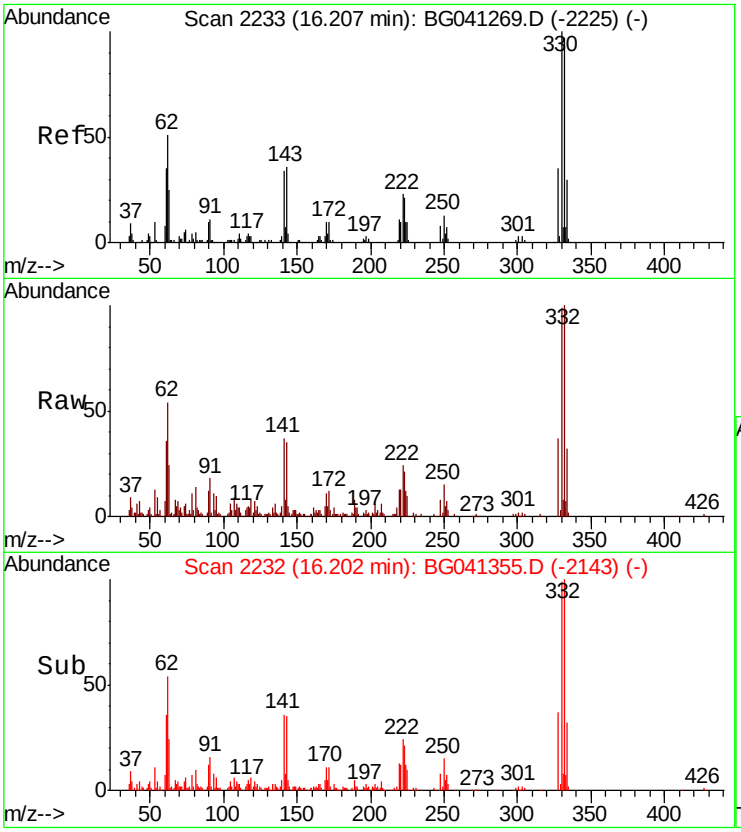


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.71 min Scan# 1978
Delta R.T. -0.01 min
Lab File: BG041355.D
Acq: 20 Jun 2019 13:55

Tgt Ion:164 Resp: 99730

Ion	Ratio	Lower	Upper
164	100		
162	108.3	82.8	124.2
160	46.0	35.8	53.8

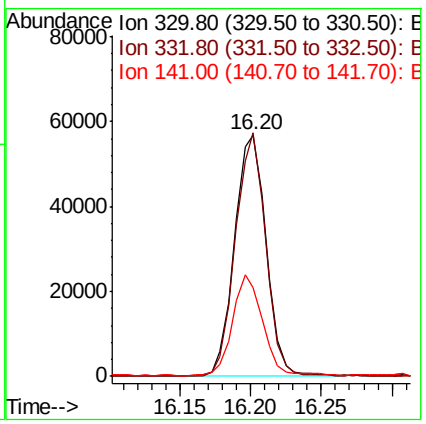




#42
2,4,6-Tribromophenol
Concen: 58.028 ng
RT: 16.20 min Scan# 2232
Delta R.T. -0.01 min
Lab File: BG041355.D
Acq: 20 Jun 2019 13:55

Tgt Ion:330 Resp: 88845

Ion	Ratio	Lower	Upper
330	100		
332	96.5	75.5	113.3
141	39.7	29.0	43.4



Instrument :
BNA_G
ClientSampleId :
OK-01-061719

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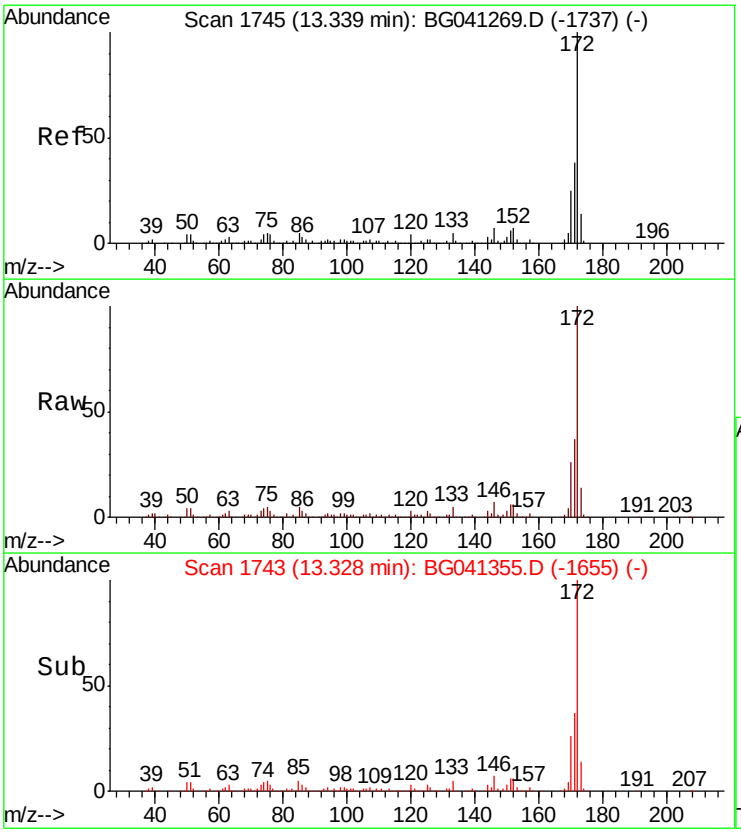
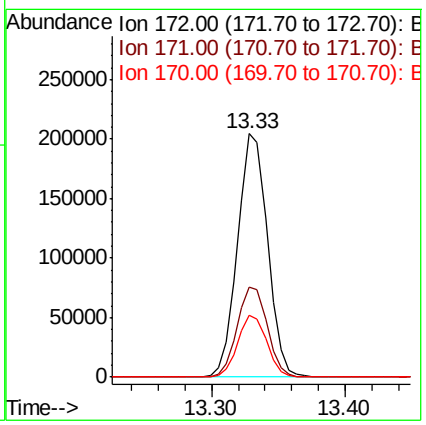
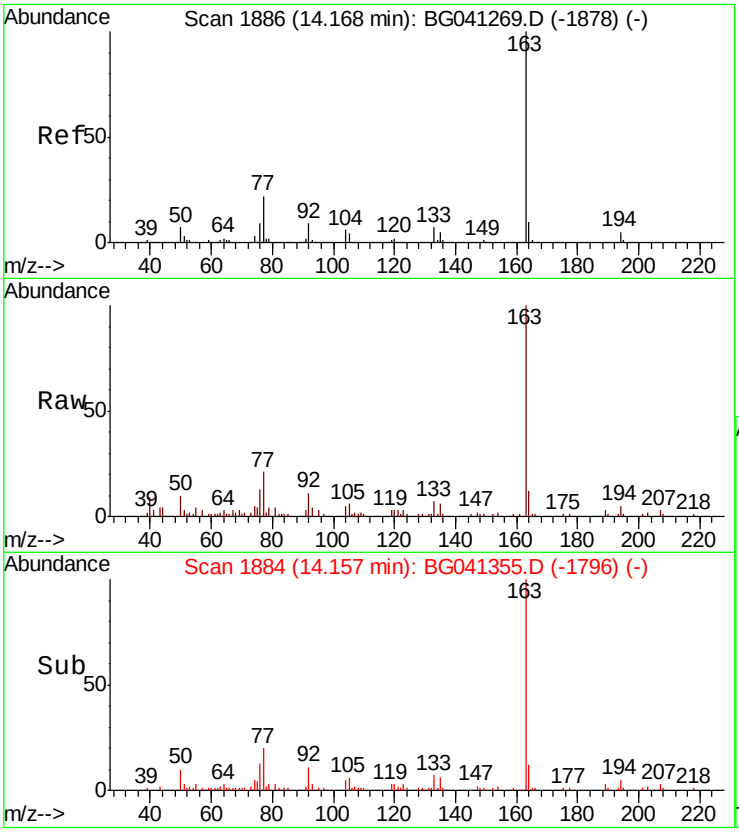


#45
2-Fluorobiphenyl
Concen: 43.365 ng
RT: 13.33 min Scan# 1743
Delta R.T. -0.01 min
Lab File: BG041355.D
Acq: 20 Jun 2019 13:55

Tgt Ion:172 Resp: 318194

Ion	Ratio	Lower	Upper
172	100		
171	37.1	30.0	45.0
170	25.6	19.8	29.6

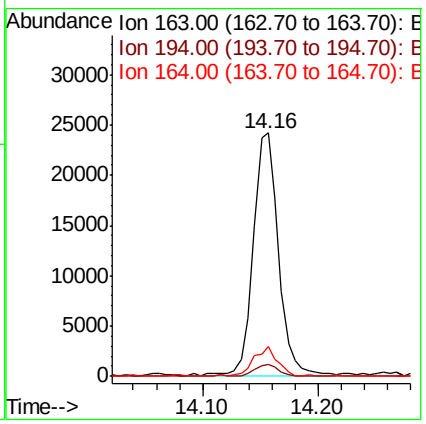




#50
Dimethylphthalate
Concen: 4.213 ng
RT: 14.16 min Scan# 1884
Delta R.T. -0.01 min
Lab File: BG041355.D
Acq: 20 Jun 2019 13:55

Tgt Ion:163 Resp: 37388

Ion	Ratio	Lower	Upper
163	100		
194	5.1	3.9	5.9
164	12.1	8.3	12.5



Instrument :
BNA_G
ClientSampleId :
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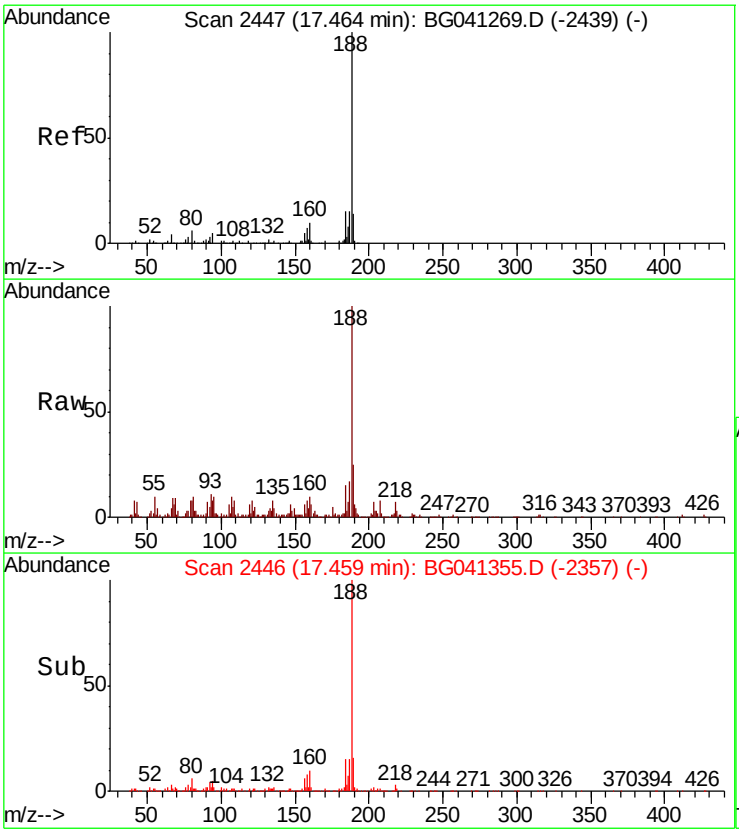
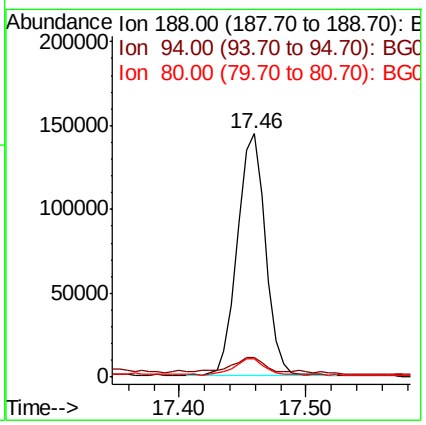
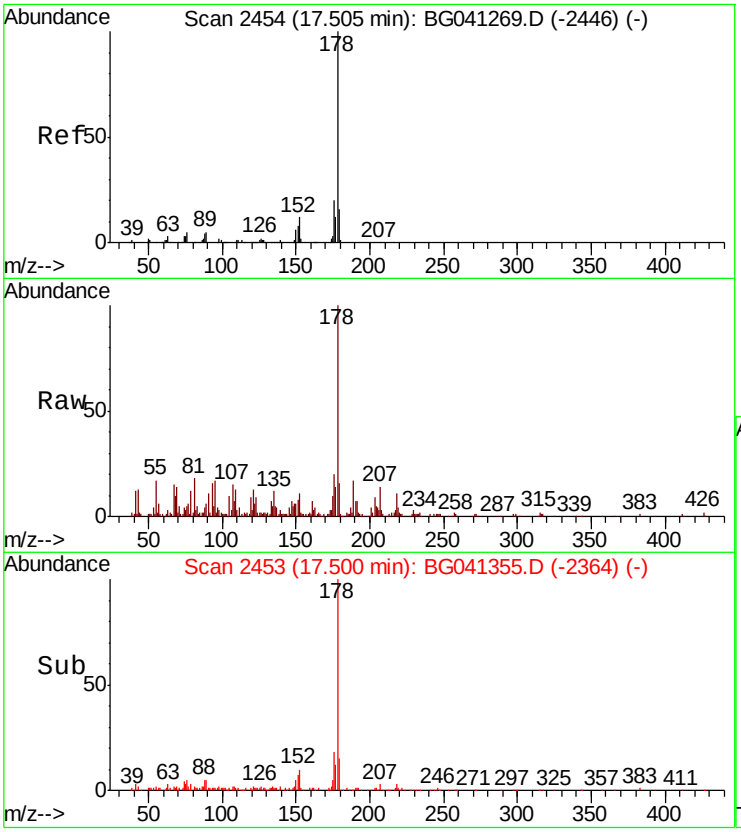


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.46 min Scan# 2446
Delta R.T. -0.01 min
Lab File: BG041355.D
Acq: 20 Jun 2019 13:55

Tgt Ion:188 Resp: 220473

Ion	Ratio	Lower	Upper
188	100		
94	7.9	3.6	5.4#
80	7.6	4.8	7.2#

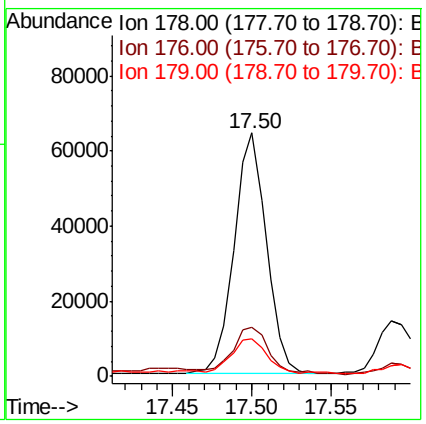




#71
Phenanthrene
Concen: 7.735 ng
RT: 17.50 min Scan# 2453
Delta R.T. -0.01 min
Lab File: BG041355.D
Acq: 20 Jun 2019 13:55

Tgt Ion:178 Resp: 90959

Ion	Ratio	Lower	Upper
178	100		
176	20.4	16.1	24.1
179	15.7	12.9	19.3



Instrument :
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ClientSampleId :
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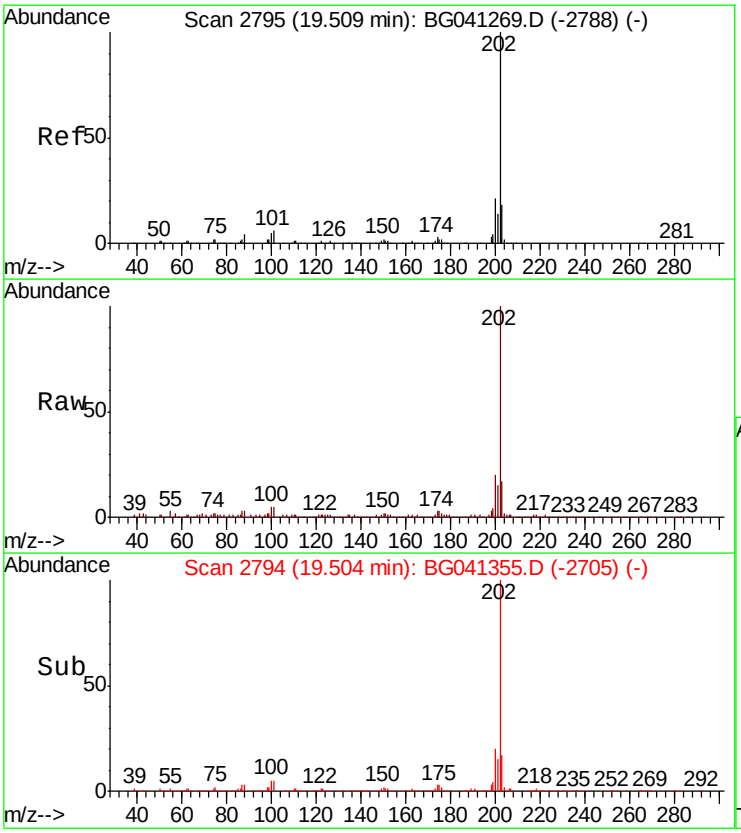
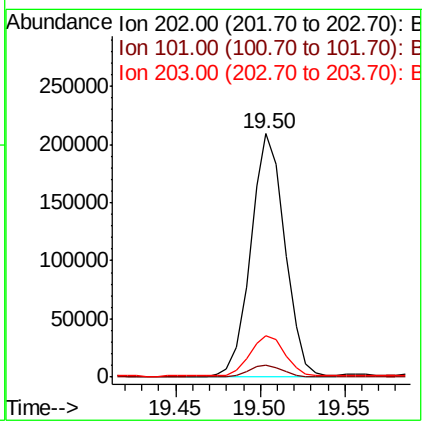
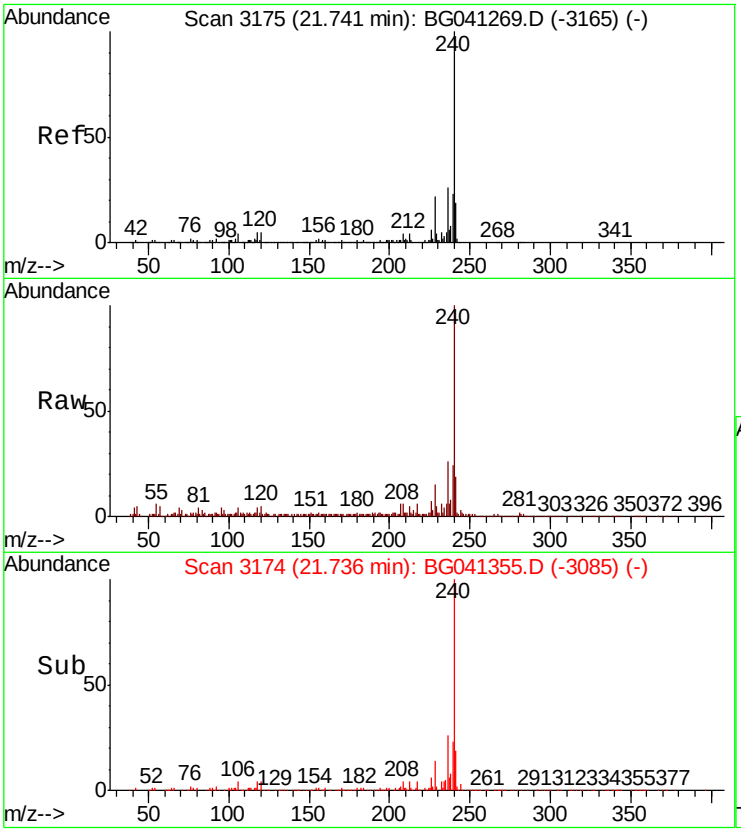


#75
Fluoranthene
Concen: 18.598 ng
RT: 19.50 min Scan# 2794
Delta R.T. -0.01 min
Lab File: BG041355.D
Acq: 20 Jun 2019 13:55

Tgt Ion:202 Resp: 290533

Ion	Ratio	Lower	Upper
202	100		
101	5.1	0.0	26.0
203	16.9	0.0	37.7

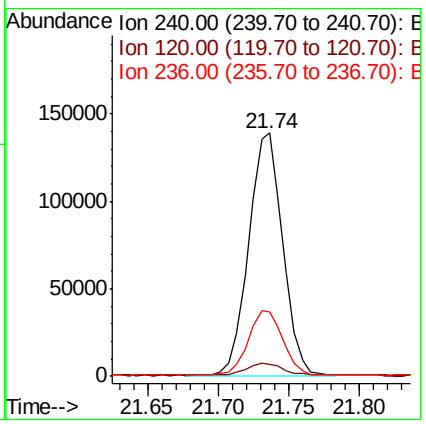




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.74 min Scan# 3174
Delta R.T. -0.01 min
Lab File: BG041355.D
Acq: 20 Jun 2019 13:55

Tgt Ion:240 Resp: 234186

Ion	Ratio	Lower	Upper
240	100		
120	4.9	3.7	5.5
236	26.3	21.1	31.7



Instrument :
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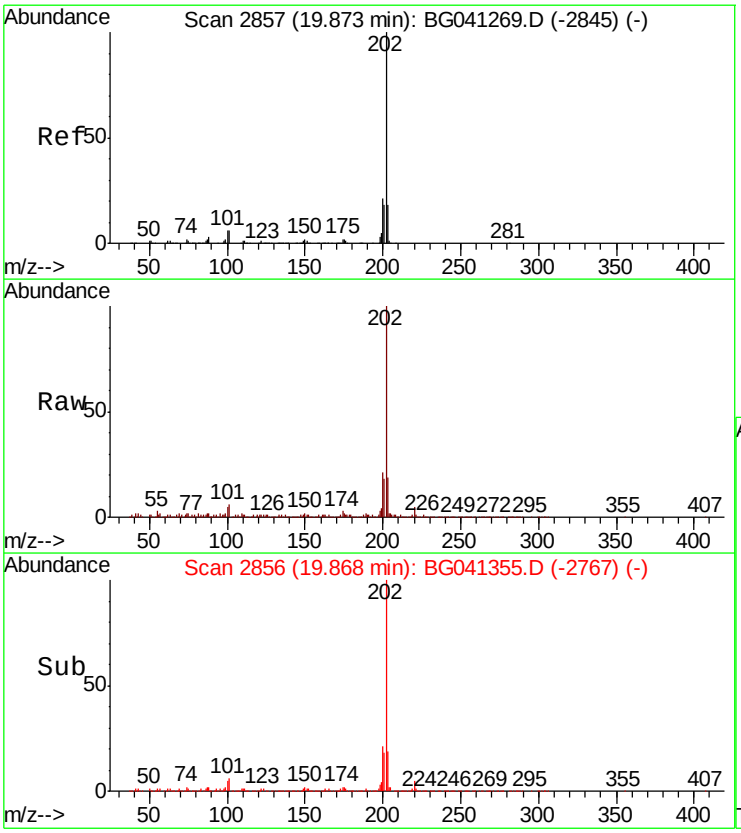
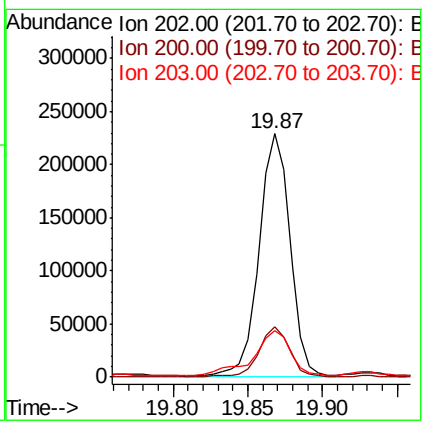
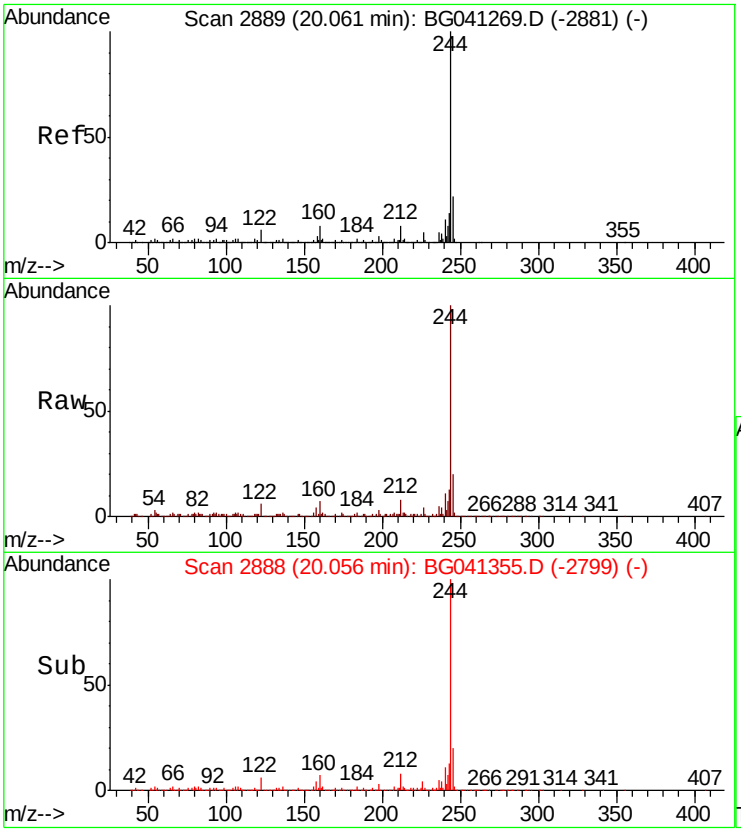


#78
Pyrene
Concen: 20.716 ng
RT: 19.87 min Scan# 2856
Delta R.T. -0.01 min
Lab File: BG041355.D
Acq: 20 Jun 2019 13:55

Tgt Ion:202 Resp: 327185

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.8	25.2
203	18.9	14.6	21.8

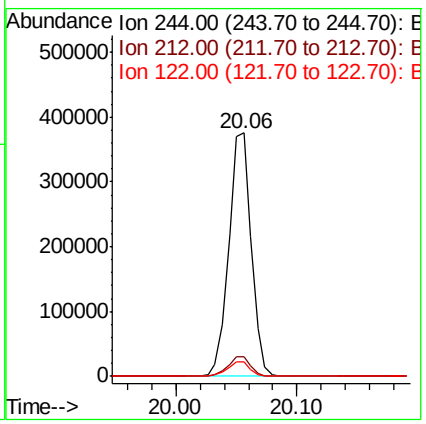




#79
Terphenyl-d14
Concen: 41.151 ng
RT: 20.06 min Scan# 2888
Delta R.T. -0.01 min
Lab File: BG041355.D
Acq: 20 Jun 2019 13:55

Tgt Ion:244 Resp: 486281

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.6	10.0
122	5.8	5.0	7.4



Instrument :
BNA_G
ClientSampleId :
OK-01-061719

Manual Integrations APPROVED
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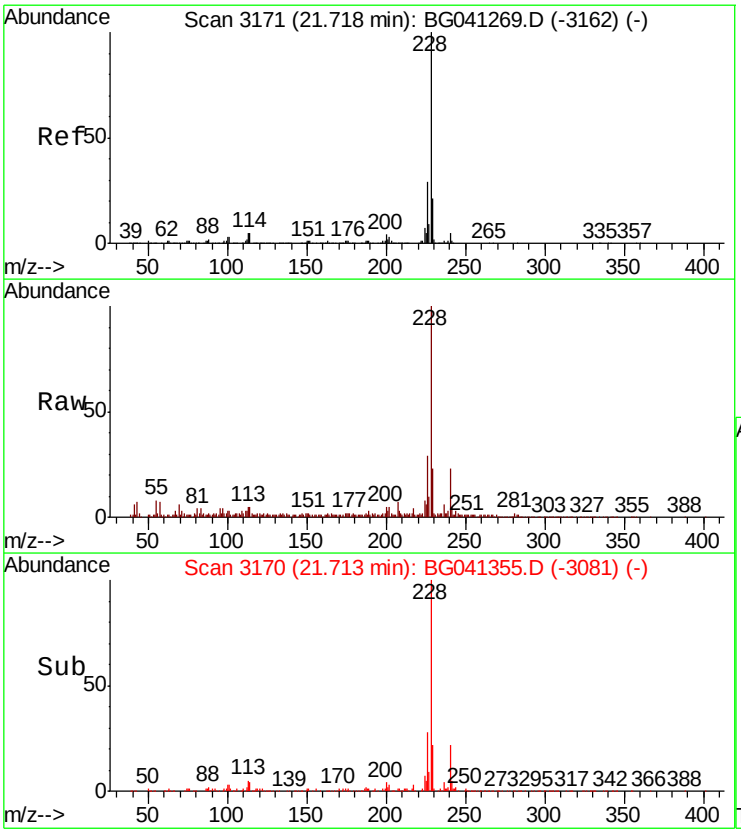
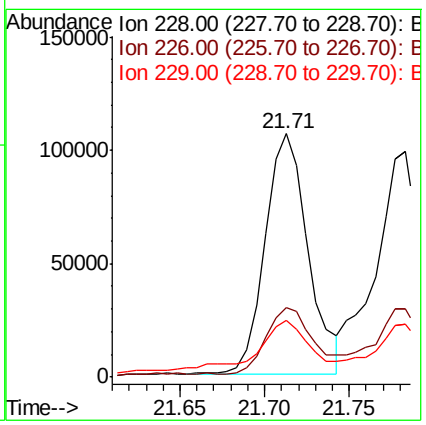
6/21/2019 9:58:29 PM

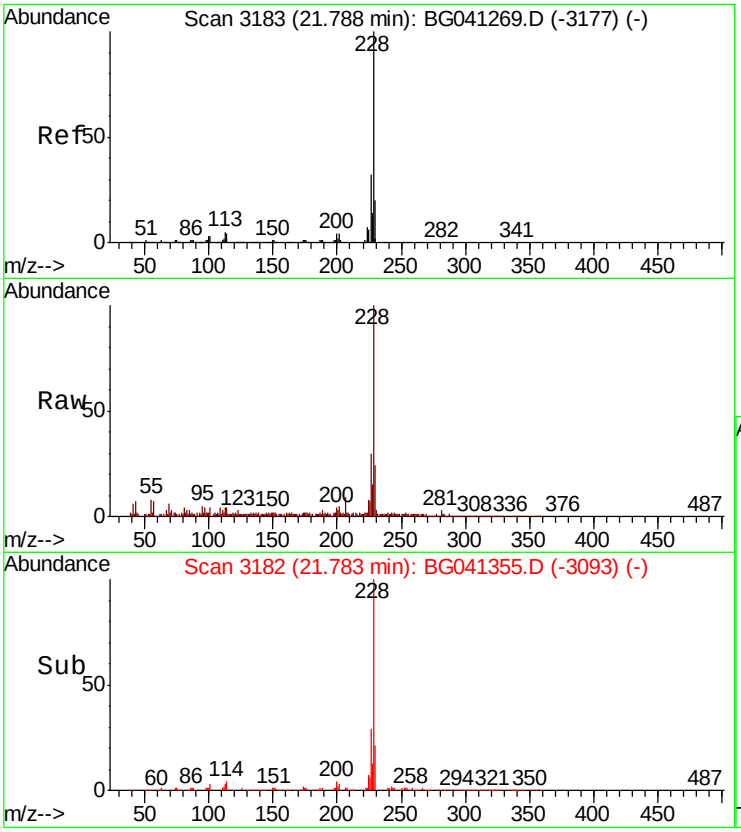


#81
Benzo(a)anthracene
Concen: 11.839 ng
RT: 21.71 min Scan# 3170
Delta R.T. -0.01 min
Lab File: BG041355.D
Acq: 20 Jun 2019 13:55

Tgt Ion:228 Resp: 187728

Ion	Ratio	Lower	Upper
228	100		
226	28.6	23.2	34.8
229	23.4	16.8	25.2

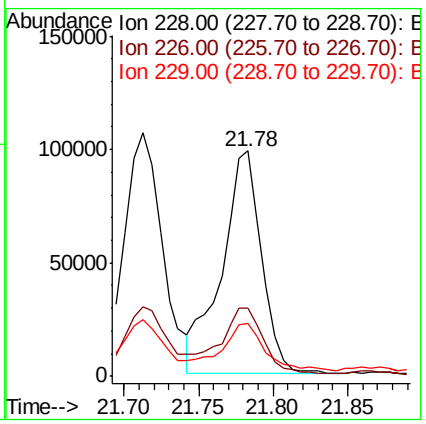




#83
Chrysene
Concen: 12.048 ng
RT: 21.78 min Scan# 3182
Delta R.T. -0.01 min
Lab File: BG041355.D
Acq: 20 Jun 2019 13:55

Tgt Ion:228 Resp: 183711

Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.4	38.0
229	23.8	16.2	24.2



Instrument :
BNA_G
ClientSampleId :
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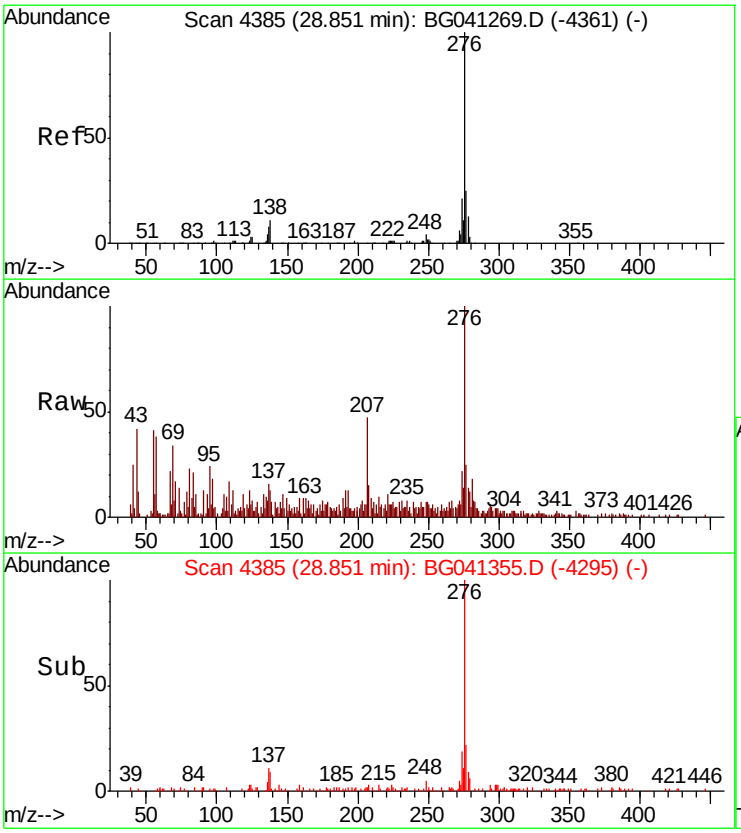
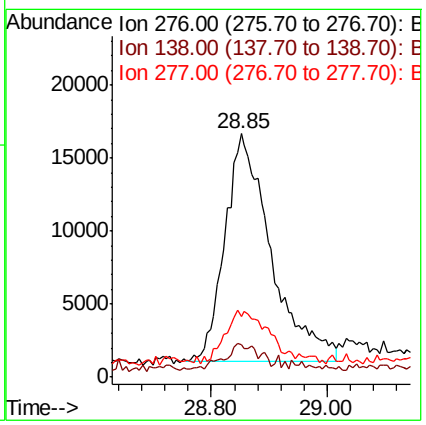
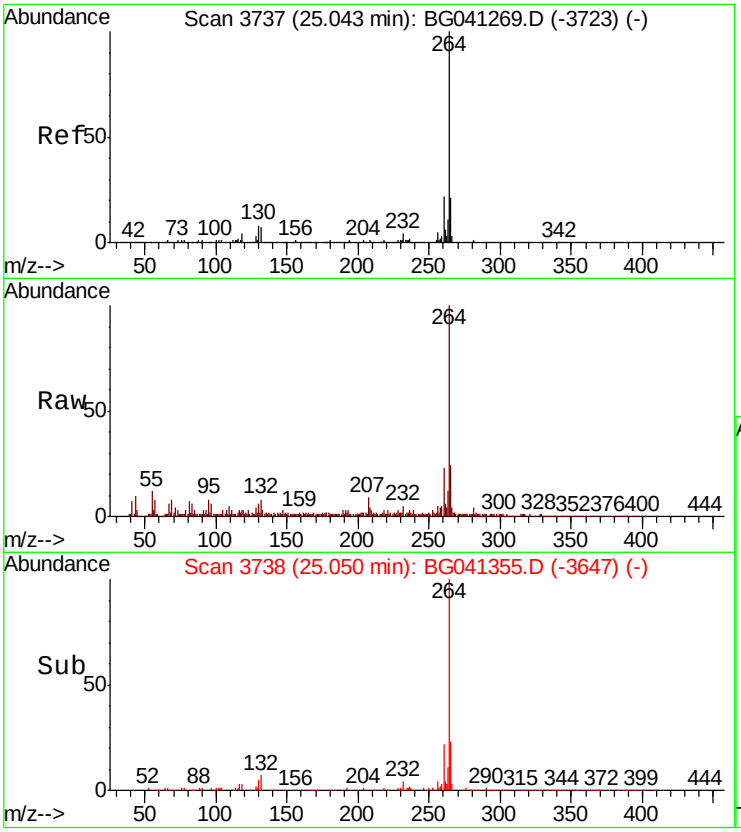


#86
Indeno(1,2,3-cd)pyrene
Concen: 4.772 ng
RT: 28.85 min Scan# 4385
Delta R.T. 0.00 min
Lab File: BG041355.D
Acq: 20 Jun 2019 13:55

Tgt Ion:276 Resp: 86336

Ion	Ratio	Lower	Upper
276	100		
138	8.8	7.7	11.5
277	20.0	20.6	31.0#

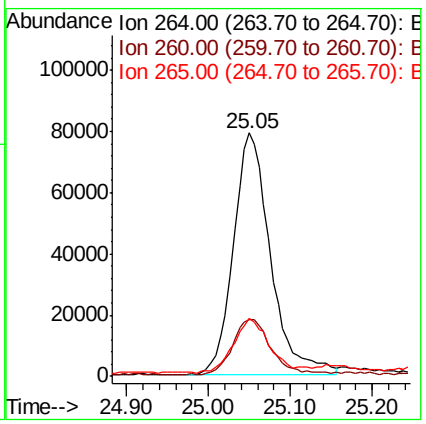




#87
Perylene-d12
Concen: 20.000 ng
RT: 25.05 min Scan# 3738
Delta R.T. 0.01 min
Lab File: BG041355.D
Acq: 20 Jun 2019 13:55

Tgt Ion:264 Resp: 251302

Ion	Ratio	Lower	Upper
264	100		
260	23.1	17.4	26.2
265	23.7	17.2	25.8



Instrument :
BNA_G
ClientSampleId :
OK-01-061719

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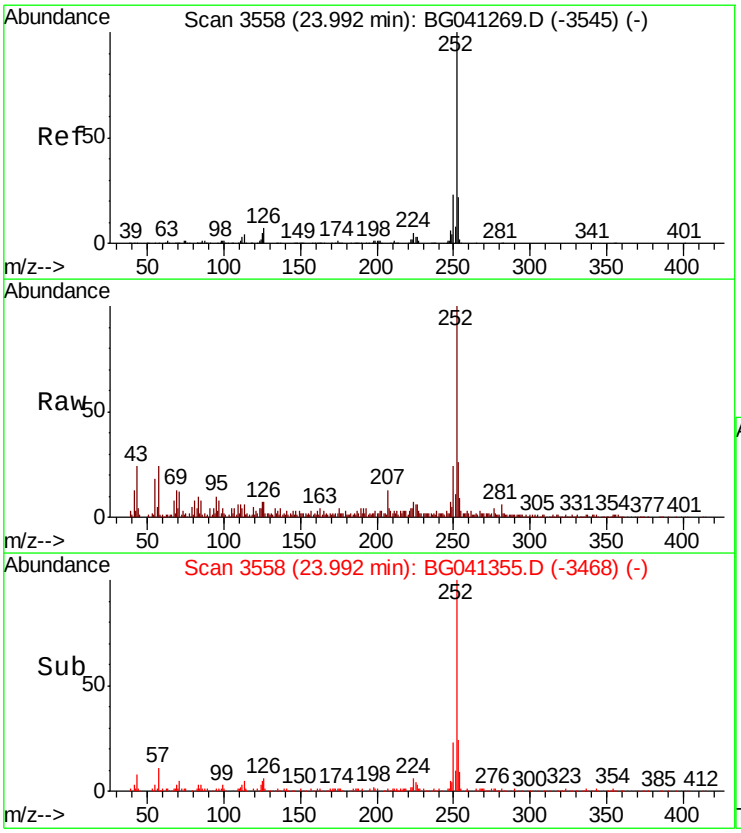
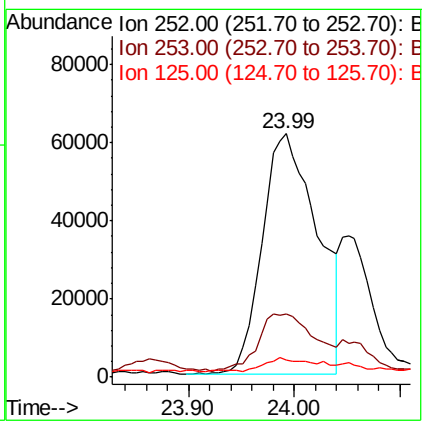
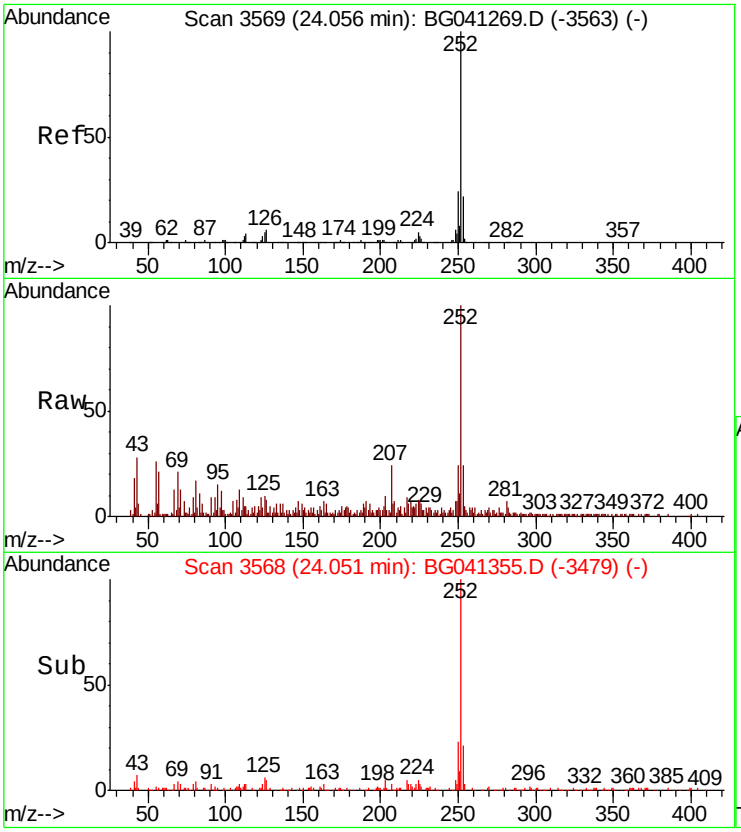


#88
Benzo(b)fluoranthene
Concen: 14.349 ng
RT: 23.99 min Scan# 3558
Delta R.T. 0.00 min
Lab File: BG041355.D
Acq: 20 Jun 2019 13:55

Tgt Ion:252 Resp: 223474

Ion	Ratio	Lower	Upper
252	100		
253	25.9	17.4	26.0
125	7.0	3.9	5.9#

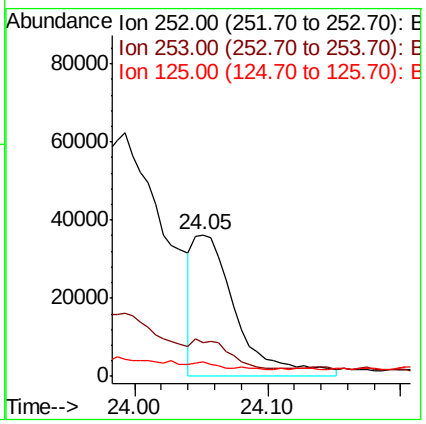




#89
Benzo(k)fluoranthene
Concen: 5.343 ng m
RT: 24.05 min Scan# 3568
Delta R.T. -0.01 min
Lab File: BG041355.D
Acq: 20 Jun 2019 13:55

Tgt Ion:252 Resp: 82440

Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.0	27.0
125	10.0	4.3	6.5#



Instrument :
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ClientSampleId :
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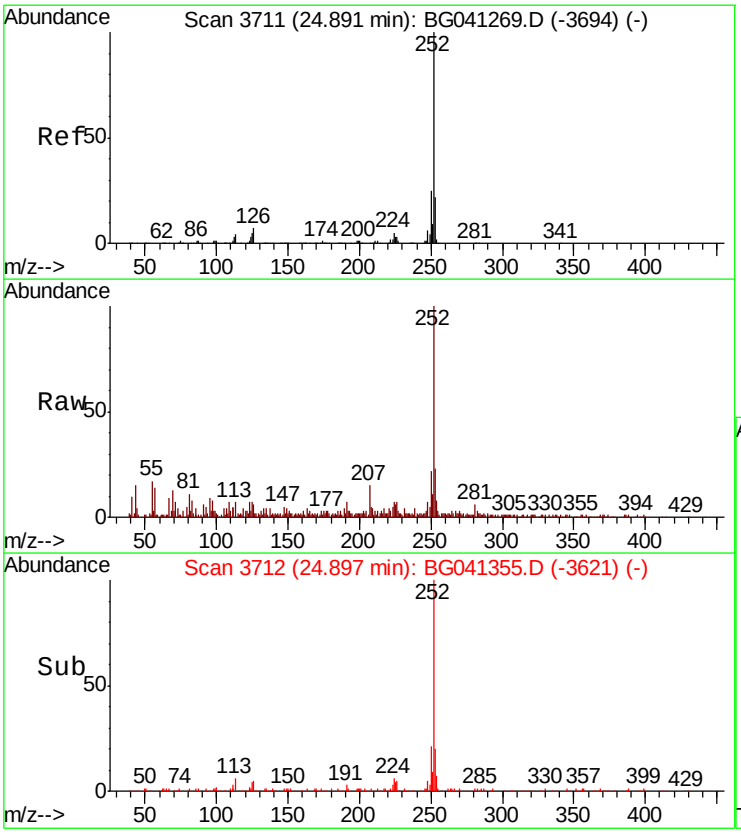
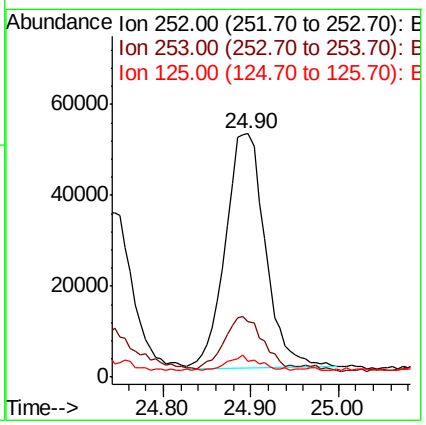
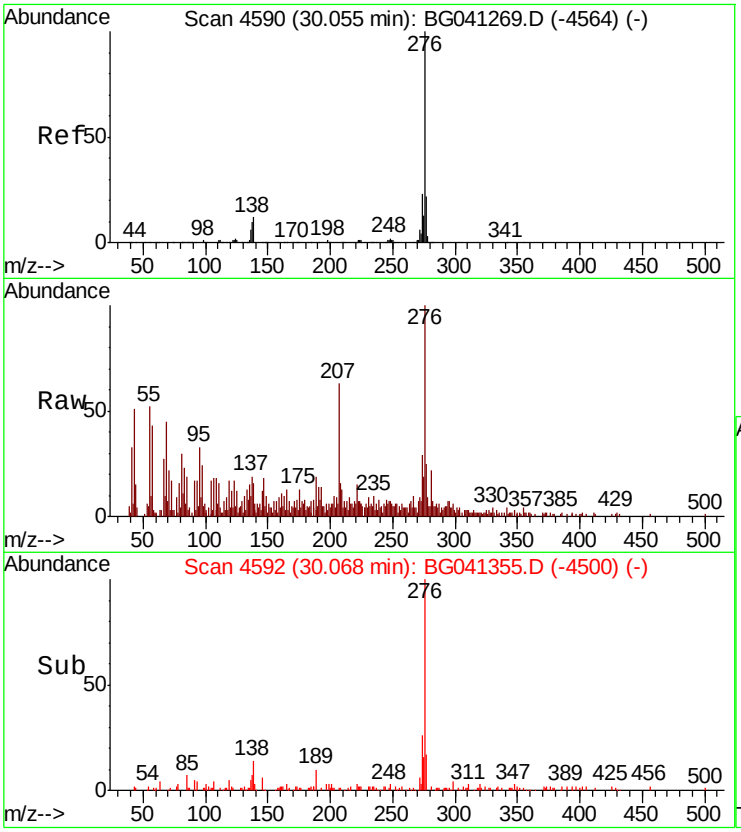


#90
Benzo(a)pyrene
Concen: 10.856 ng
RT: 24.90 min Scan# 3712
Delta R.T. 0.01 min
Lab File: BG041355.D
Acq: 20 Jun 2019 13:55

Tgt Ion:252 Resp: 159680

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.6
125	6.7	4.2	6.4#

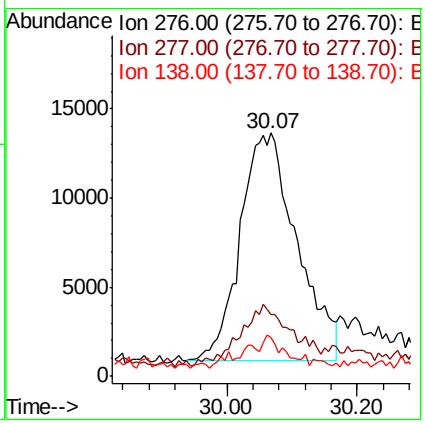




#92
Benzo(g,h,i)perylene
Concen: 5.233 ng
RT: 30.07 min Scan# 4592
Delta R.T. 0.01 min
Lab File: BG041355.D
Acq: 20 Jun 2019 13:55

Tgt Ion:276 Resp: 76580

Ion	Ratio	Lower	Upper
276	100		
277	25.4	17.9	26.9
138	16.1	9.4	14.0#



Instrument :
BNA_G
ClientSampleId :
OK-01-061719

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