Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061919\
Data File : BG041328.D
Acq On : 19 Jun 2019 15:04
Operator : HP/JU
Sample : K3154-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JC-02-061419-A

Quant Time: Jun 19 16:35:21 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	38700	20.00	ng		0.00
21) Naphthalene-d8	10.90	136	156655	20.00	ng		0.00
39) Acenaphthene-d10	14.71	164	106393	20.00	ng		0.00
64) Phenanthrene-d10	17.46	188	249968	20.00	ng		0.00
76) Chrysene-d12	21.74	240	256635	20.00	ng		0.00
87) Perylene-d12	25.05	264	283718	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	104310	49.52	ng		0.00
7) Phenol-d6	7.23	99	149748	49.05	ng		0.00
23) Nitrobenzene-d5	9.26	82	106890	28.70	ng		0.00
42) 2,4,6-Tribromophenol	16.20	330	69862	42.77	ng		0.00
45) 2-Fluorobiphenyl	13.33	172	230595	29.46	ng		0.00
79) Terphenyl-d14	20.06	244	372151	28.74	ng		0.00
Target Compounds							Qvalue
71) Phenanthrene	17.51	178	31339	2.351	ng		98
75) Fluoranthene	19.51	202	89620	5.060	ng		99
78) Pyrene	19.87	202	86799	5.015	ng		97
81) Benzo(a)anthracene	21.72	228	51979	2.991	ng		96
83) Chrysene	21.78	228	51994	3.111	ng		96
88) Benzo(b)fluoranthene	23.99	252	59108	3.362	ng	#	89
90) Benzo(a)pyrene	24.89	252	46529	2.802	ng		92

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

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061919\
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Quant Time: Jun 19 16:35:21 2019
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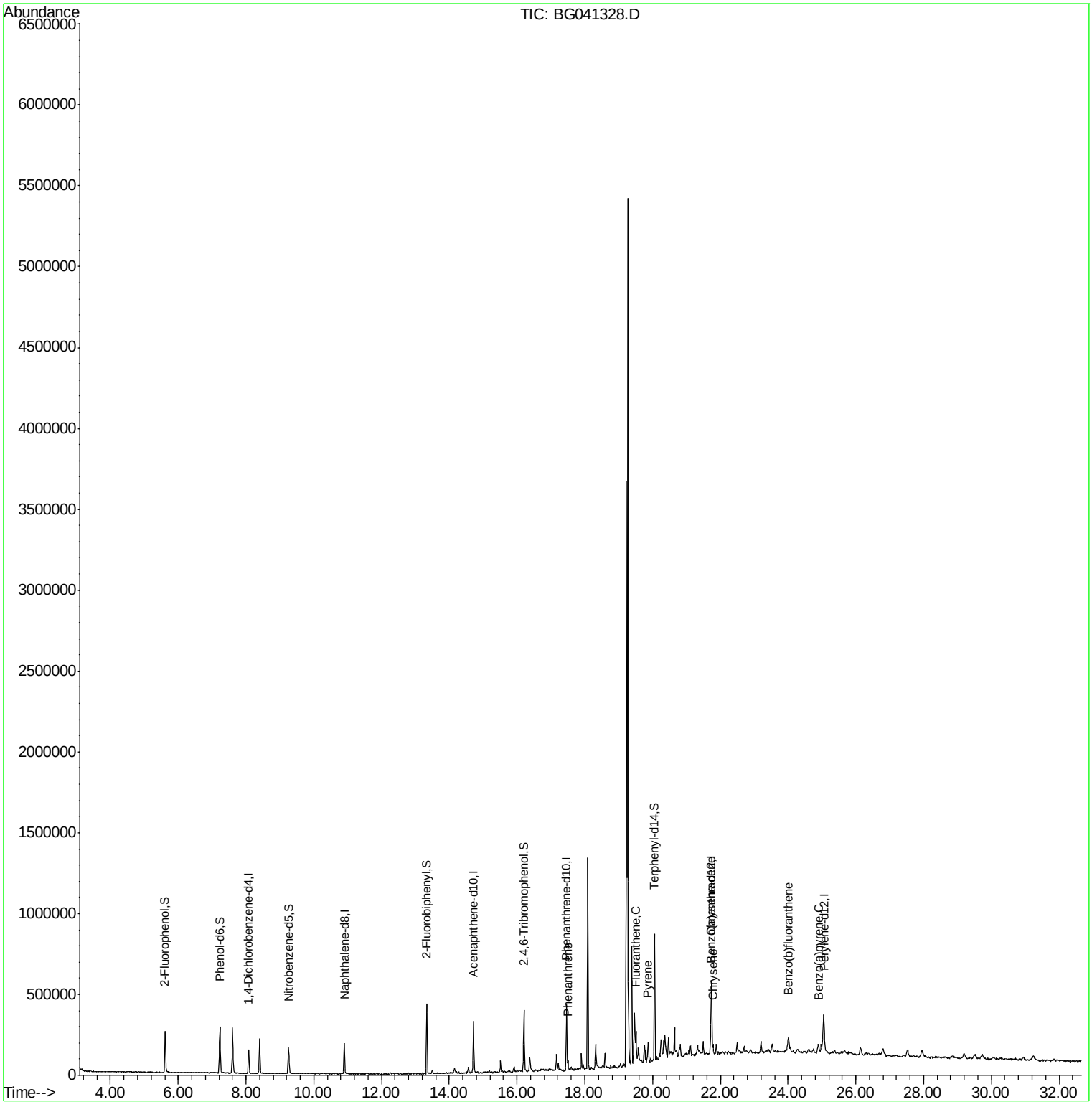
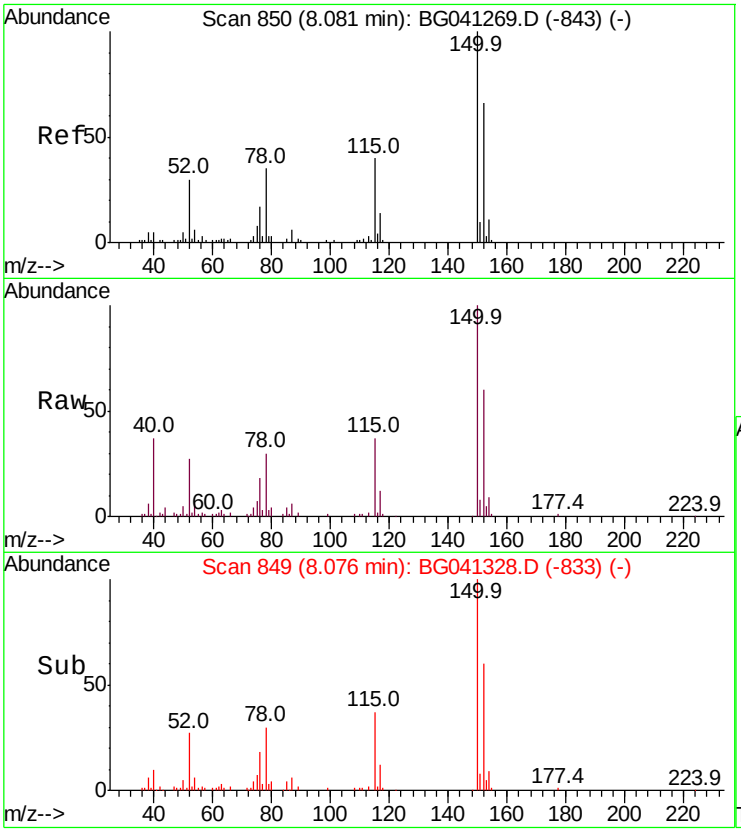
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 14:58:02 2019
Response via : Initial Calibration



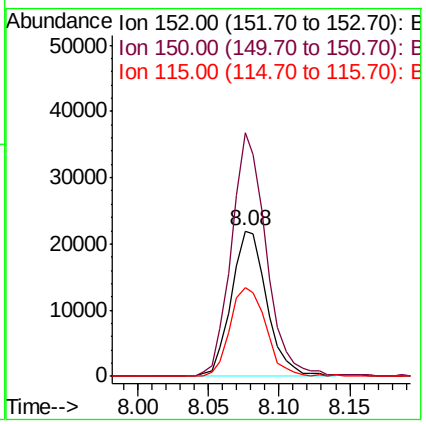


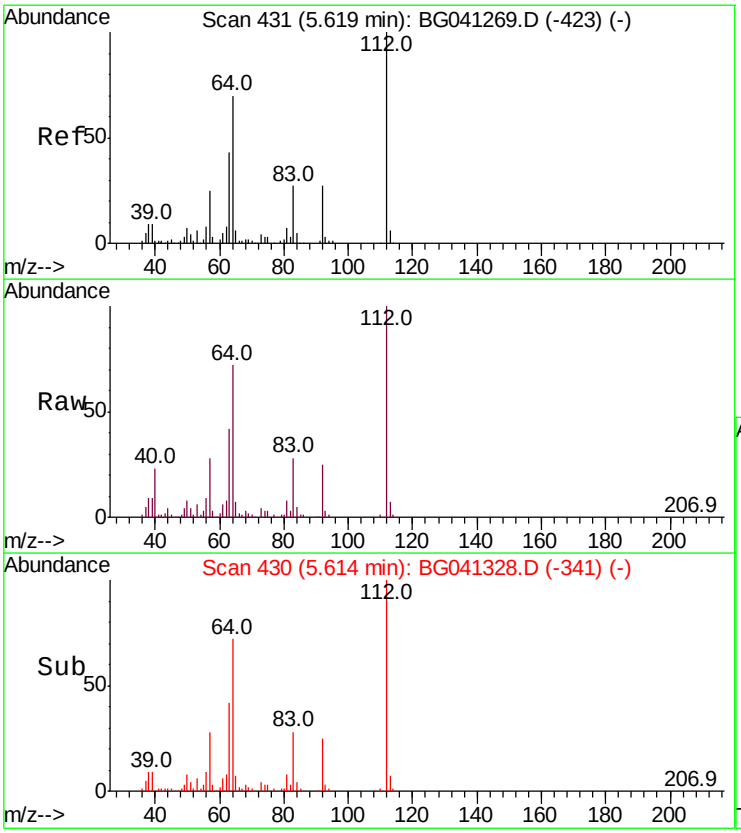
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 849
Delta R.T. -0.01 min
Lab File: BG041328.D
Acq: 19 Jun 2019 15:04

Instrument :
BNA_G
ClientSampleId :
JC-02-061419-A

Tgt Ion:152 Resp: 38700

Ion	Ratio	Lower	Upper
152	100		
150	167.6	120.6	181.0
115	61.2	47.9	71.9

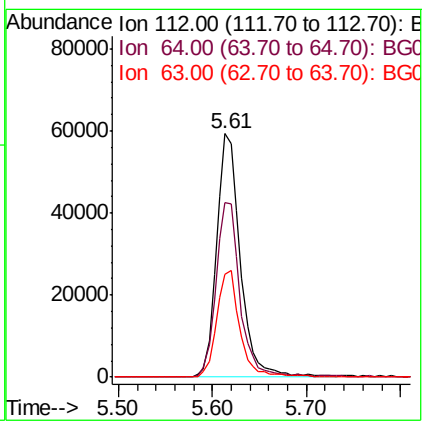


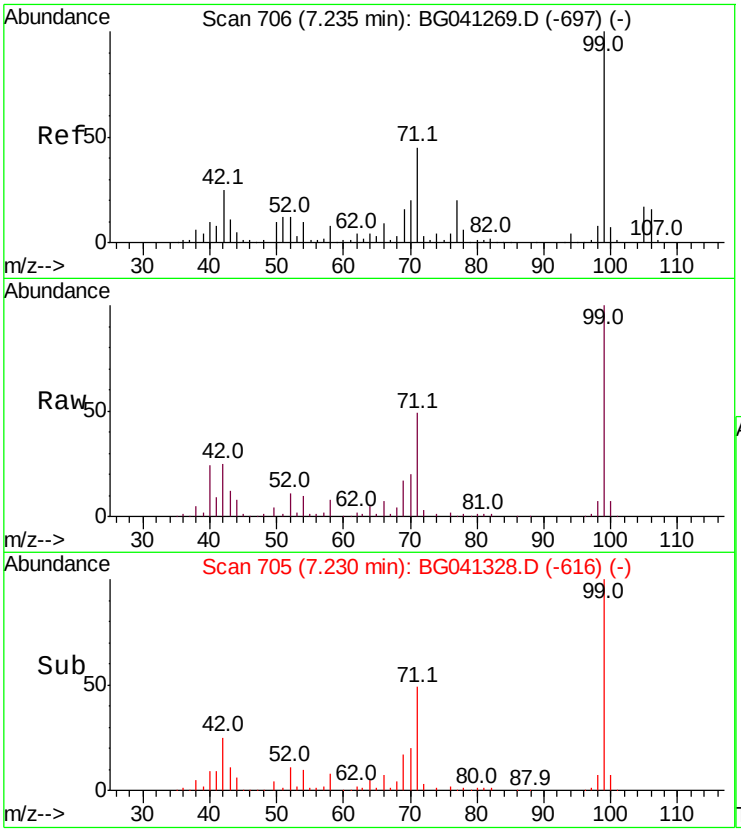


#5
2-Fluorophenol
Concen: 49.525 ng
RT: 5.61 min Scan# 430
Delta R.T. -0.01 min
Lab File: BG041328.D
Acq: 19 Jun 2019 15:04

Tgt Ion:112 Resp: 104310

Ion	Ratio	Lower	Upper
112	100		
64	71.6	55.9	83.9
63	42.0	34.6	51.8



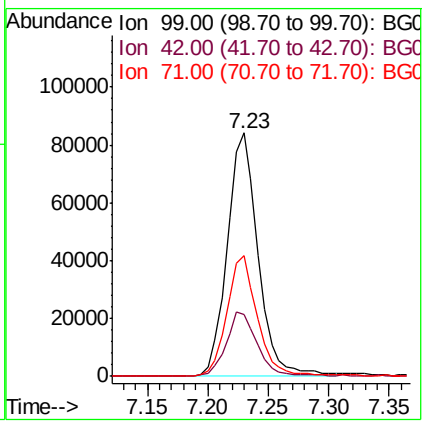


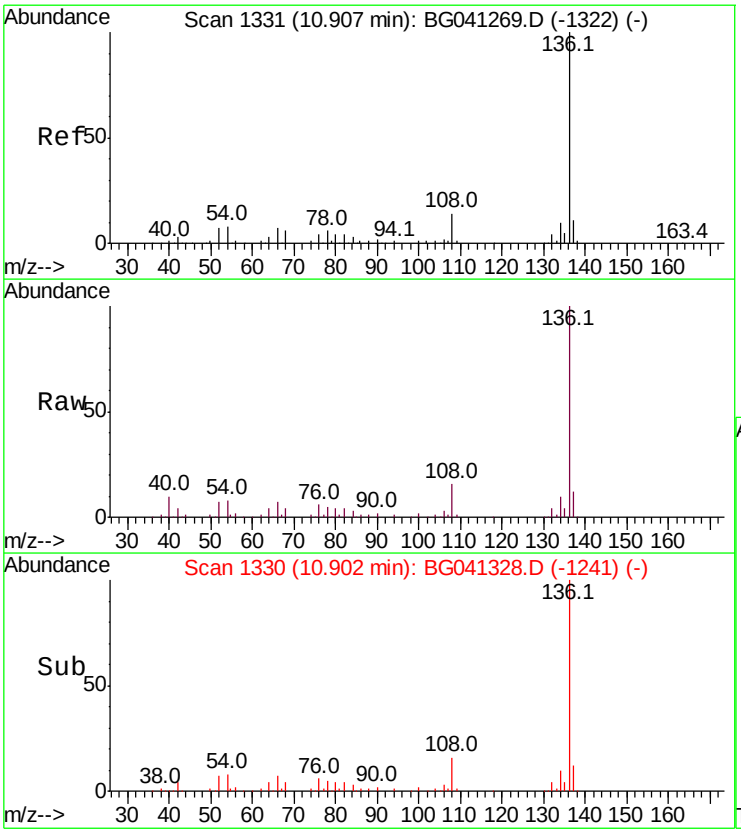
#7
Phenol-d6
Concen: 49.050 ng
RT: 7.23 min Scan# 705
Delta R.T. -0.01 min
Lab File: BG041328.D
Acq: 19 Jun 2019 15:04

Instrument :
BNA_G
ClientSampleId :
JC-02-061419-A

Tgt Ion: 99 Resp: 149748

Ion	Ratio	Lower	Upper
99	100		
42	25.4	19.9	29.9
71	49.4	36.4	54.6

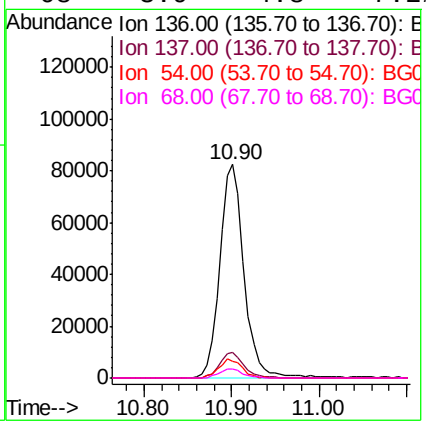


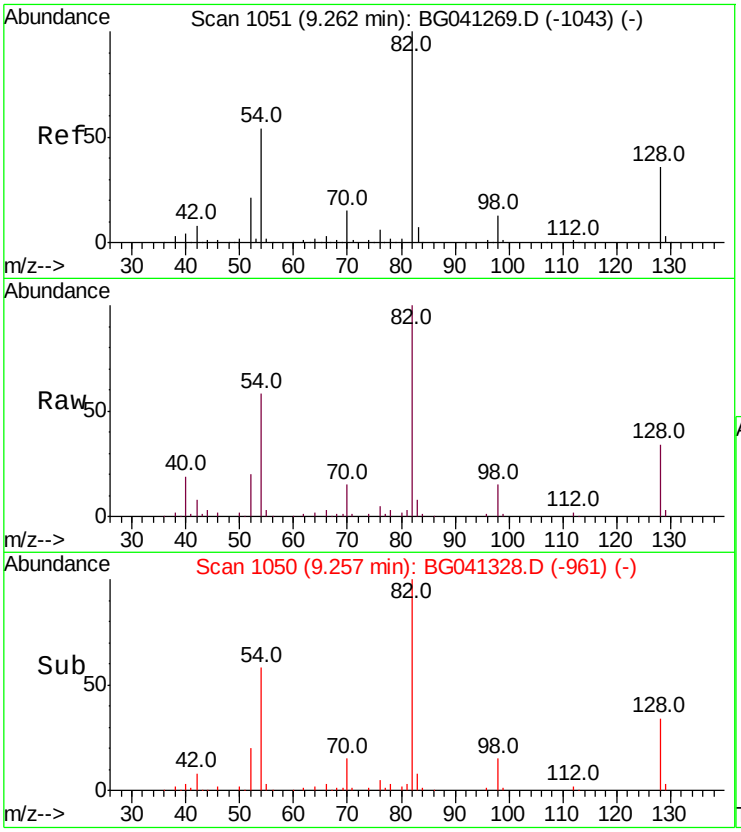


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BG041328.D
Acq: 19 Jun 2019 15:04

Tgt Ion:136 Resp: 156655

Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.8	13.2
54	8.9	6.4	9.6
68	3.9	4.8	7.2#



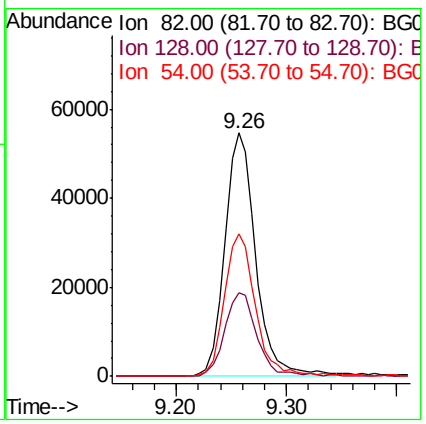


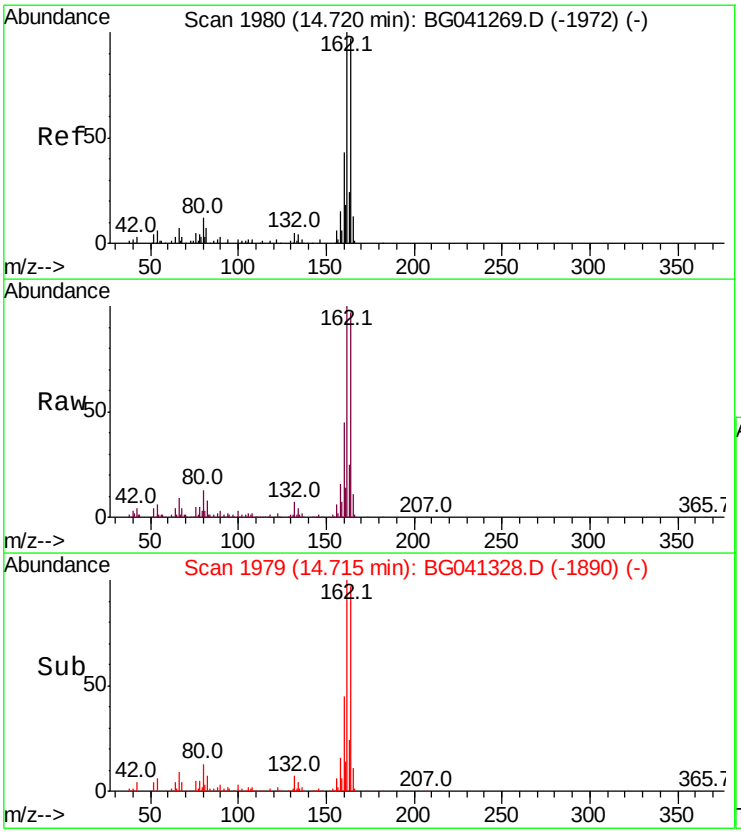
#23
Nitrobenzene-d5
Concen: 28.696 ng
RT: 9.26 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BG041328.D
Acq: 19 Jun 2019 15:04

Instrument :
BNA_G
ClientSampleId :
JC-02-061419-A

Tgt Ion: 82 Resp: 106890

Ion	Ratio	Lower	Upper
82	100		
128	34.1	29.2	43.8
54	58.5	43.4	65.0

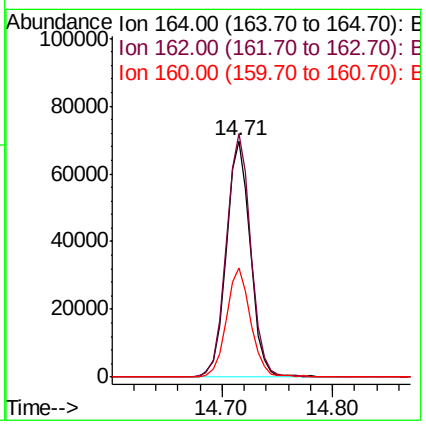


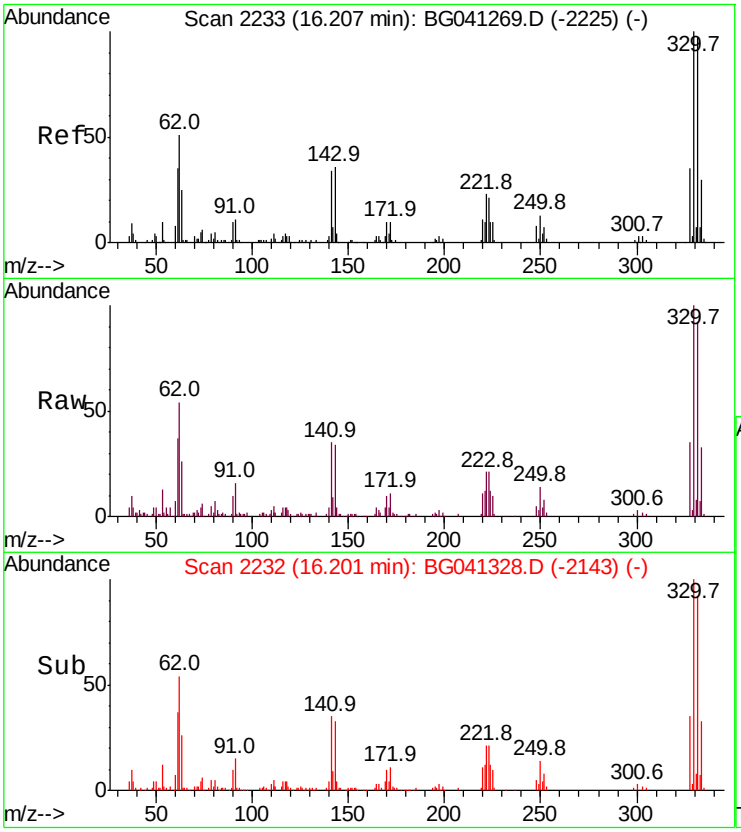


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.71 min Scan# 1979
Delta R.T. -0.01 min
Lab File: BG041328.D
Acq: 19 Jun 2019 15:04

Tgt Ion:164 Resp: 106393

Ion	Ratio	Lower	Upper
164	100		
162	102.9	82.8	124.2
160	46.1	35.8	53.8



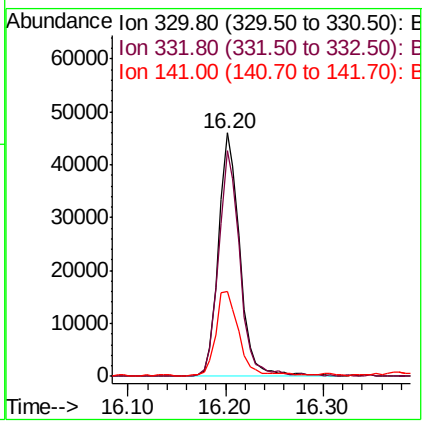


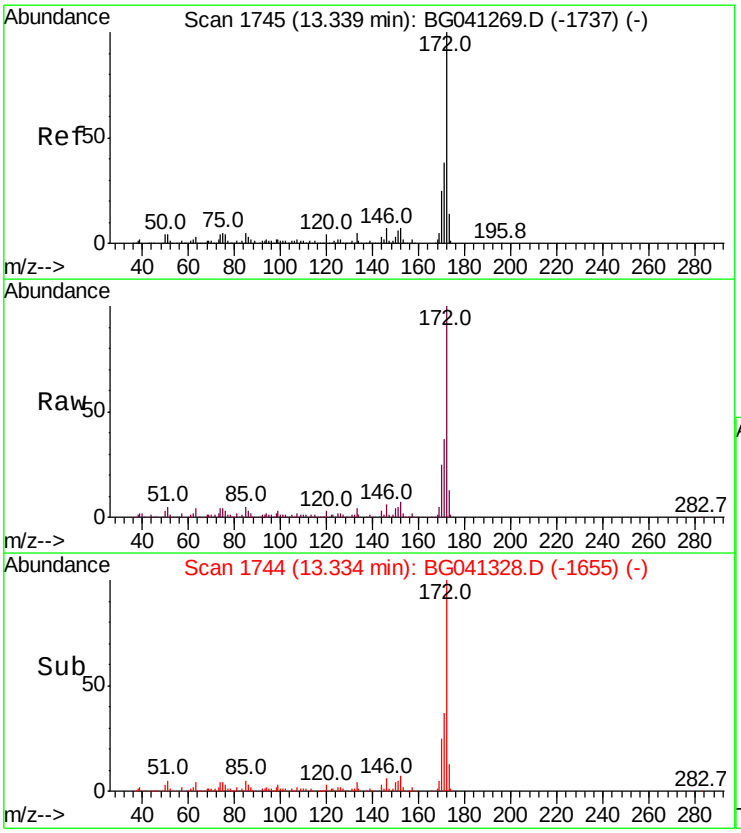
#42
2,4,6-Tribromophenol
Concen: 42.772 ng
RT: 16.20 min Scan# 2232
Delta R.T. -0.01 min
Lab File: BG041328.D
Acq: 19 Jun 2019 15:04

Instrument :
BNA_G
ClientSampleId :
JC-02-061419-A

Tgt Ion:330 Resp: 69862

Ion	Ratio	Lower	Upper
330	100		
332	92.6	75.5	113.3
141	37.1	29.0	43.4

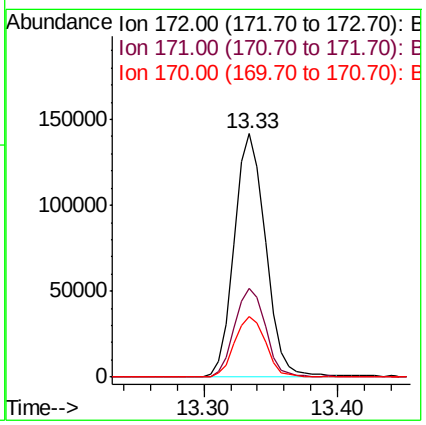


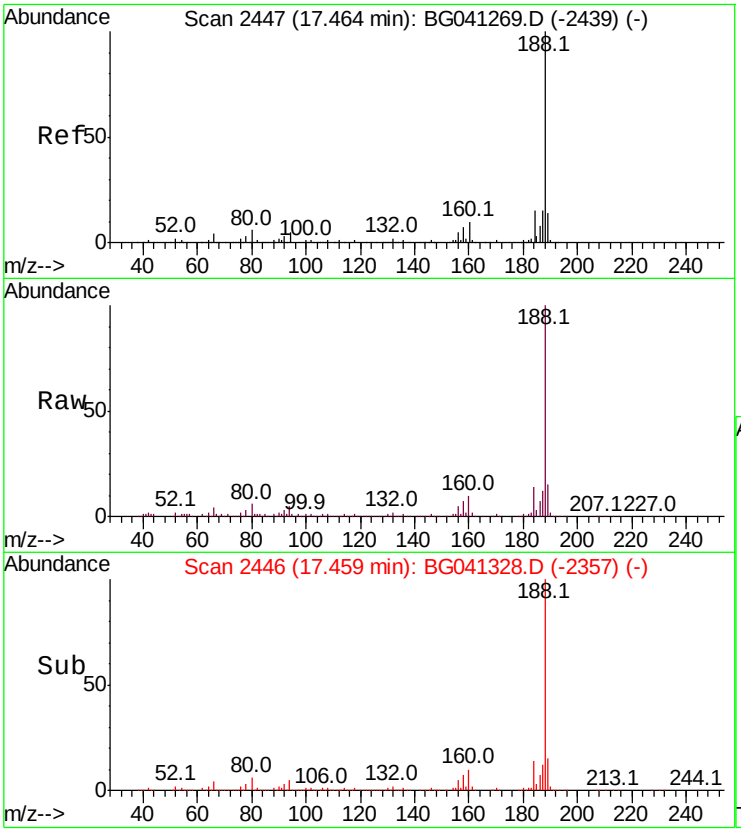


#45
2-Fluorobiphenyl
Concen: 29.458 ng
RT: 13.33 min Scan# 1744
Delta R.T. -0.01 min
Lab File: BG041328.D
Acq: 19 Jun 2019 15:04

Tgt Ion:172 Resp: 230595

Ion	Ratio	Lower	Upper
172	100		
171	36.7	30.0	45.0
170	25.0	19.8	29.6



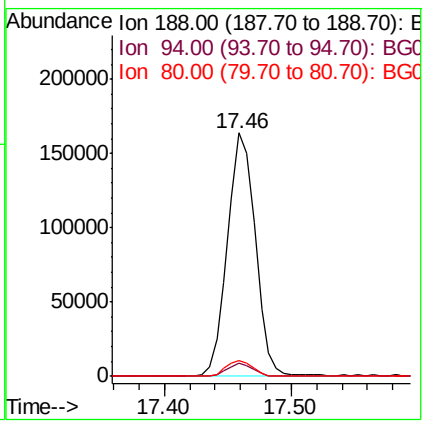


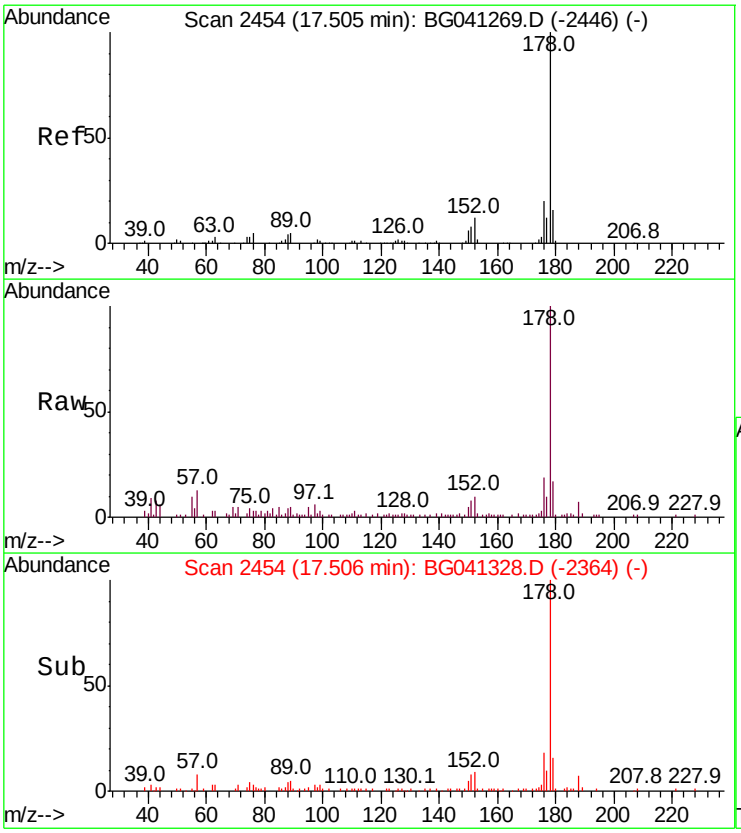
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.46 min Scan# 2446
Delta R.T. -0.01 min
Lab File: BG041328.D
Acq: 19 Jun 2019 15:04

Instrument :
BNA_G
ClientSampleId :
JC-02-061419-A

Tgt Ion:188 Resp: 249968

Ion	Ratio	Lower	Upper
188	100		
94	5.2	3.6	5.4
80	6.5	4.8	7.2

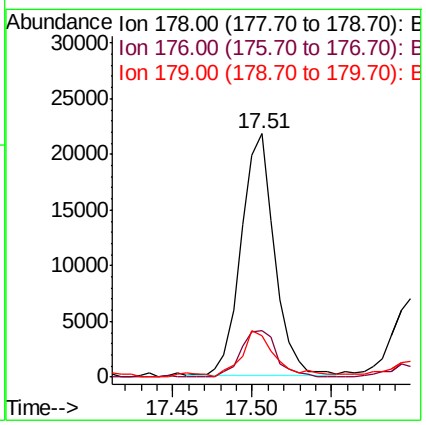


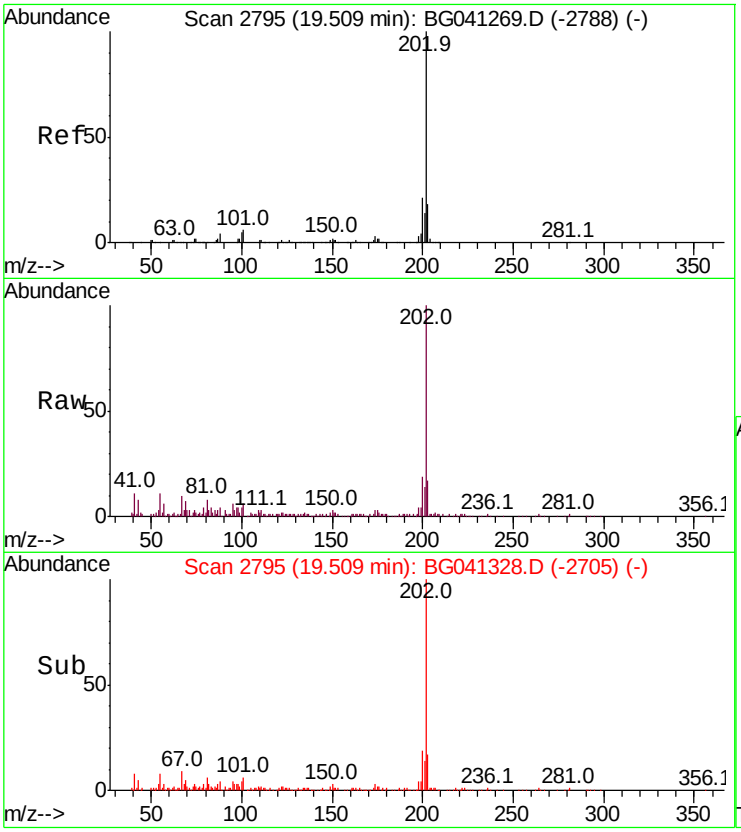


#71
Phenanthrene
Concen: 2.351 ng
RT: 17.51 min Scan# 2454
Delta R.T. 0.00 min
Lab File: BG041328.D
Acq: 19 Jun 2019 15:04

Tgt Ion:178 Resp: 31339

Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.1	24.1
179	16.9	12.9	19.3



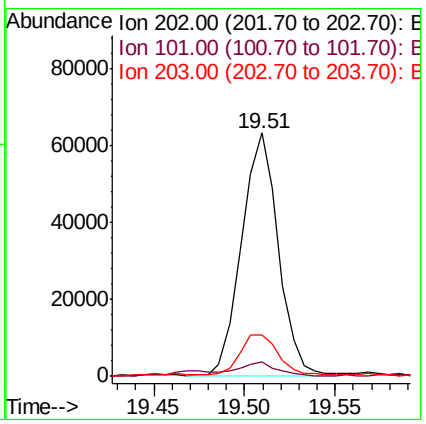


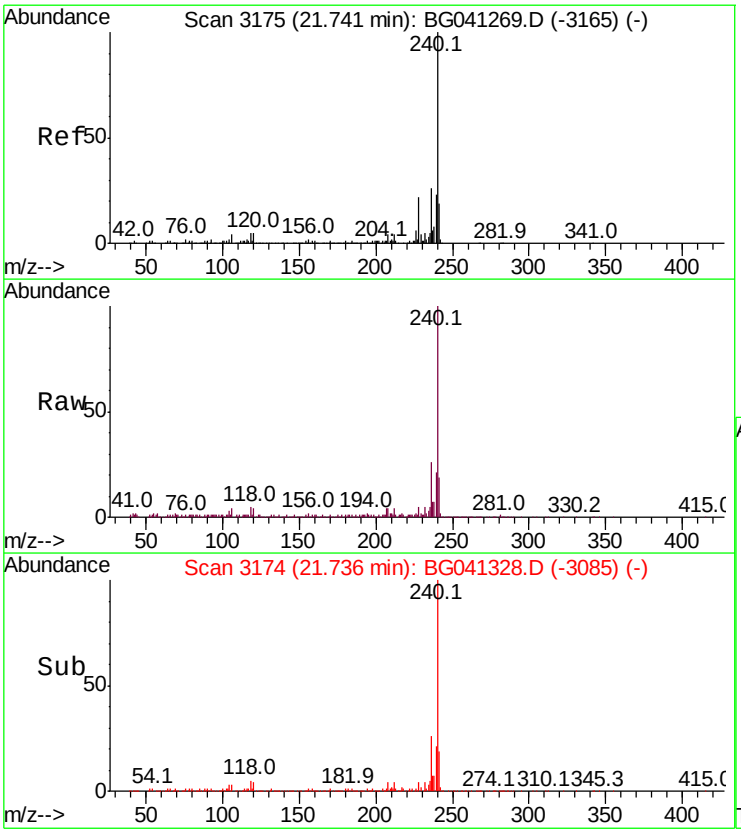
#75
Fluoranthene
Concen: 5.060 ng
RT: 19.51 min Scan# 2795
Delta R.T. 0.00 min
Lab File: BG041328.D
Acq: 19 Jun 2019 15:04

Instrument :
BNA_G
ClientSampleId :
JC-02-061419-A

Tgt Ion:202 Resp: 89620

Ion	Ratio	Lower	Upper
202	100		
101	5.7	0.0	26.0
203	17.2	0.0	37.7

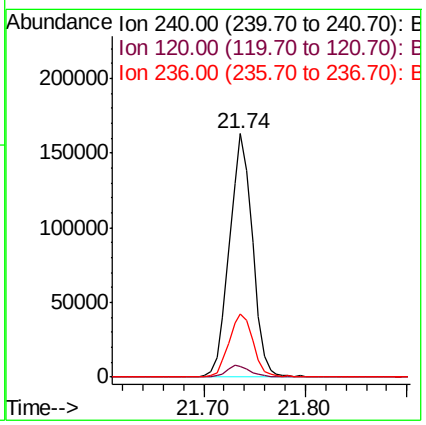


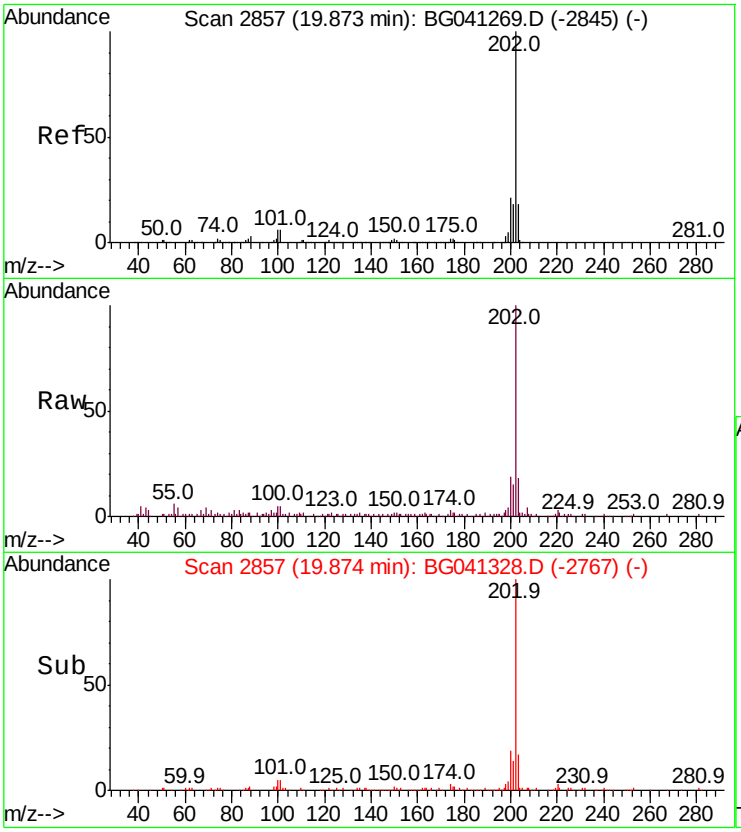


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.74 min Scan# 3174
Delta R.T. -0.01 min
Lab File: BG041328.D
Acq: 19 Jun 2019 15:04

Tgt Ion:240 Resp: 256635

Ion	Ratio	Lower	Upper
240	100		
120	4.5	3.7	5.5
236	25.7	21.1	31.7



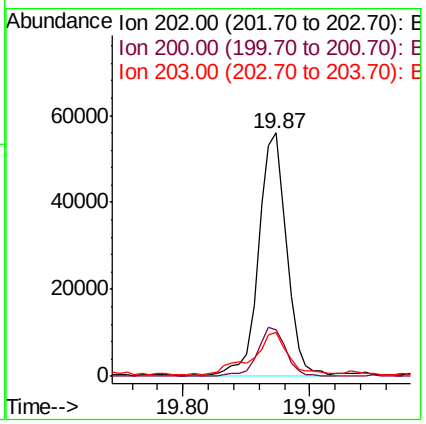


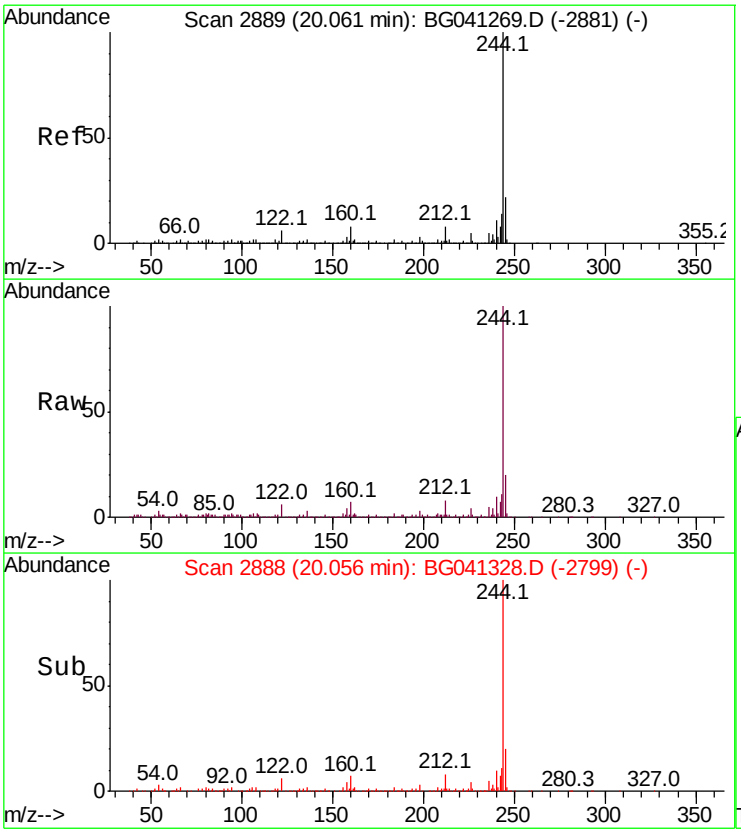
#78
Pyrene
Concen: 5.015 ng
RT: 19.87 min Scan# 2857
Delta R.T. 0.00 min
Lab File: BG041328.D
Acq: 19 Jun 2019 15:04

Instrument :
BNA_G
ClientSampleId :
JC-02-061419-A

Tgt Ion:202 Resp: 86799

Ion	Ratio	Lower	Upper
202	100		
200	19.0	16.8	25.2
203	17.9	14.6	21.8

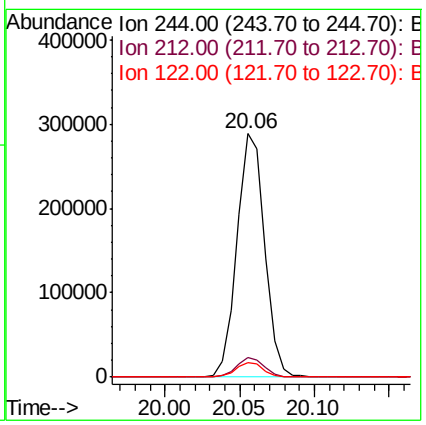


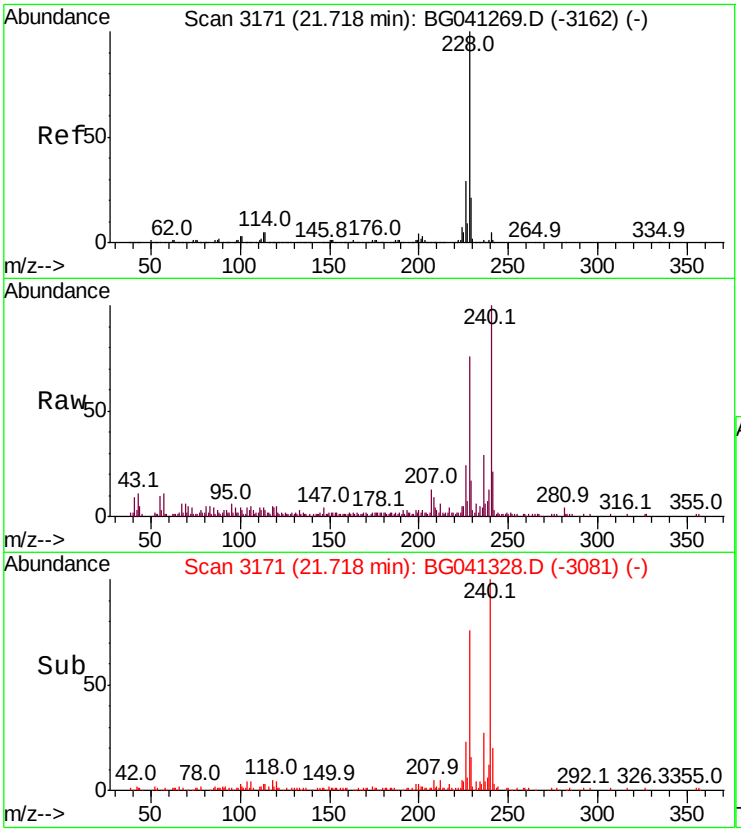


#79
Terphenyl-d14
Concen: 28.738 ng
RT: 20.06 min Scan# 2888
Delta R.T. -0.01 min
Lab File: BG041328.D
Acq: 19 Jun 2019 15:04

Tgt Ion:244 Resp: 372151

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.6	10.0
122	6.0	5.0	7.4



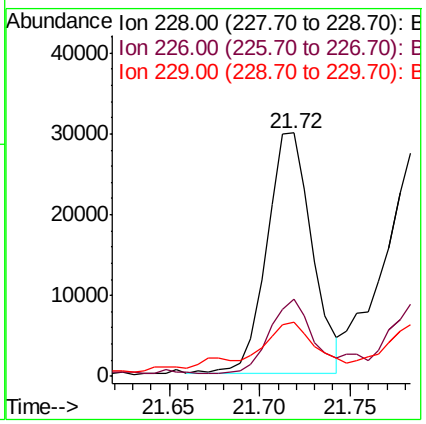


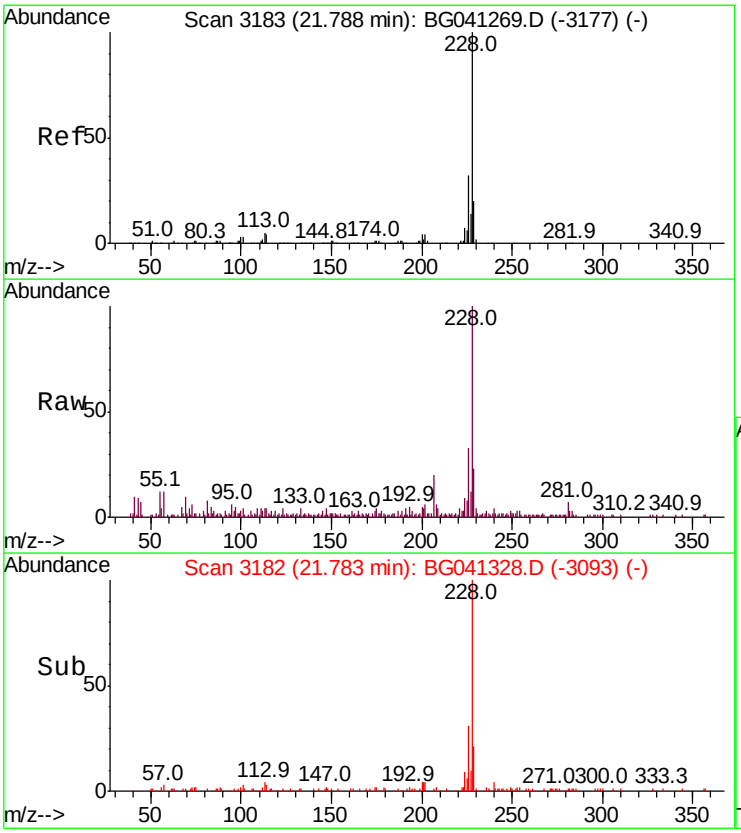
#81
Benzo(a)anthracene
Concen: 2.991 ng
RT: 21.72 min Scan# 3171
Delta R.T. 0.00 min
Lab File: BG041328.D
Acq: 19 Jun 2019 15:04

Instrument :
BNA_G
ClientSampleId :
JC-02-061419-A

Tgt Ion:228 Resp: 51979

Ion	Ratio	Lower	Upper
228	100		
226	31.5	23.2	34.8
229	22.4	16.8	25.2

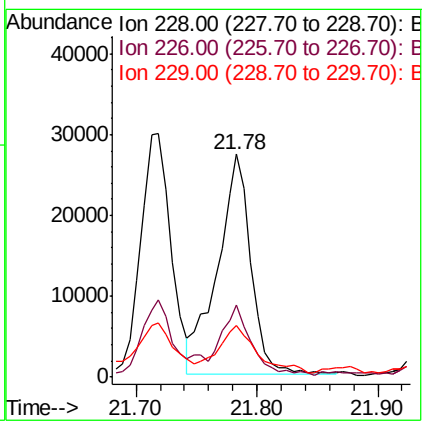


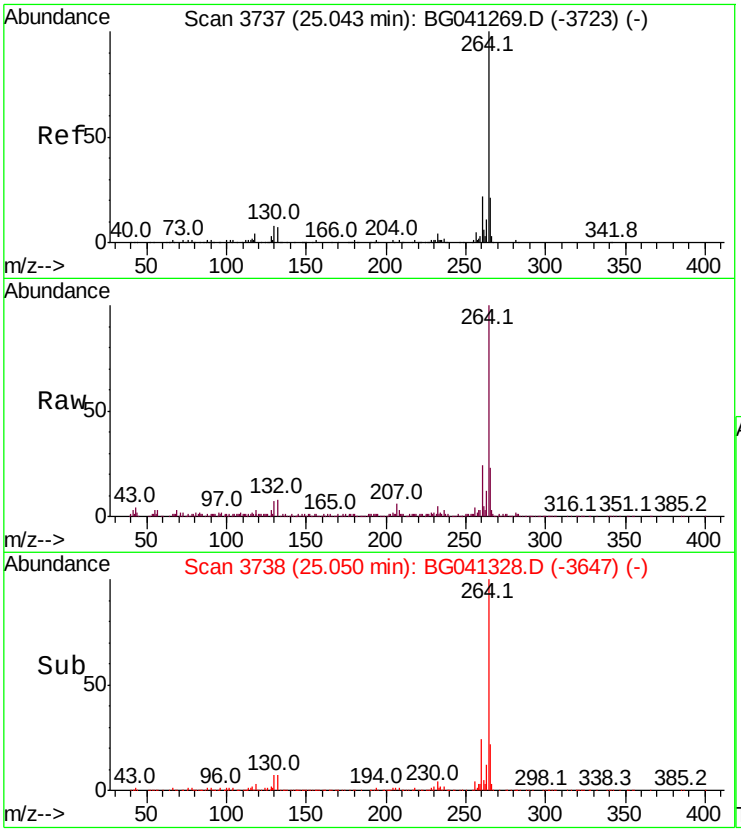


#83
Chrysene
Concen: 3.111 ng
RT: 21.78 min Scan# 3182
Delta R.T. -0.01 min
Lab File: BG041328.D
Acq: 19 Jun 2019 15:04

Tgt Ion:228 Resp: 51994

Ion	Ratio	Lower	Upper
228	100		
226	32.6	25.4	38.0
229	23.3	16.2	24.2



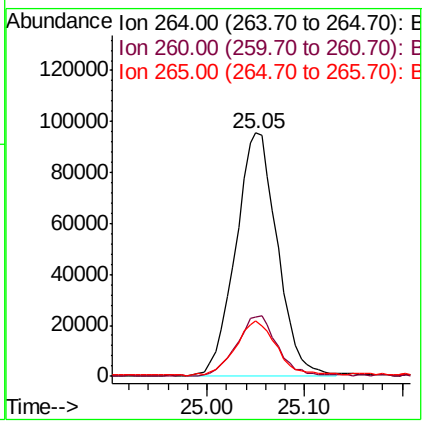


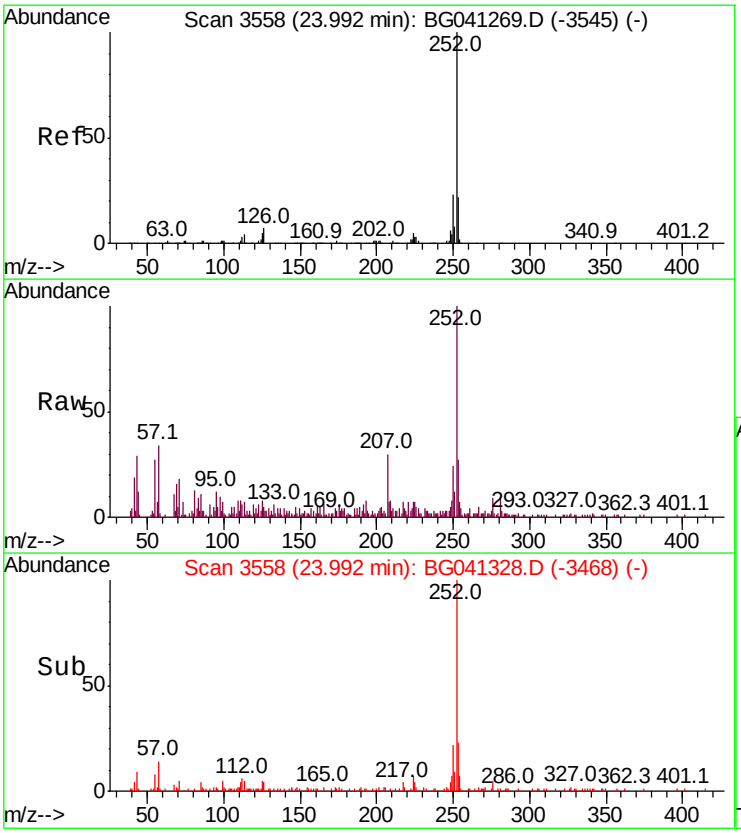
#87
Perylene-d12
Concen: 20.000 ng
RT: 25.05 min Scan# 3738
Delta R.T. 0.01 min
Lab File: BG041328.D
Acq: 19 Jun 2019 15:04

Instrument :
BNA_G
ClientSampleId :
JC-02-061419-A

Tgt Ion:264 Resp: 283718

Ion	Ratio	Lower	Upper
264	100		
260	24.1	17.4	26.2
265	22.9	17.2	25.8

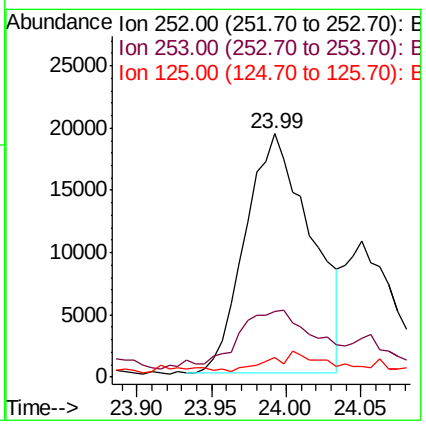


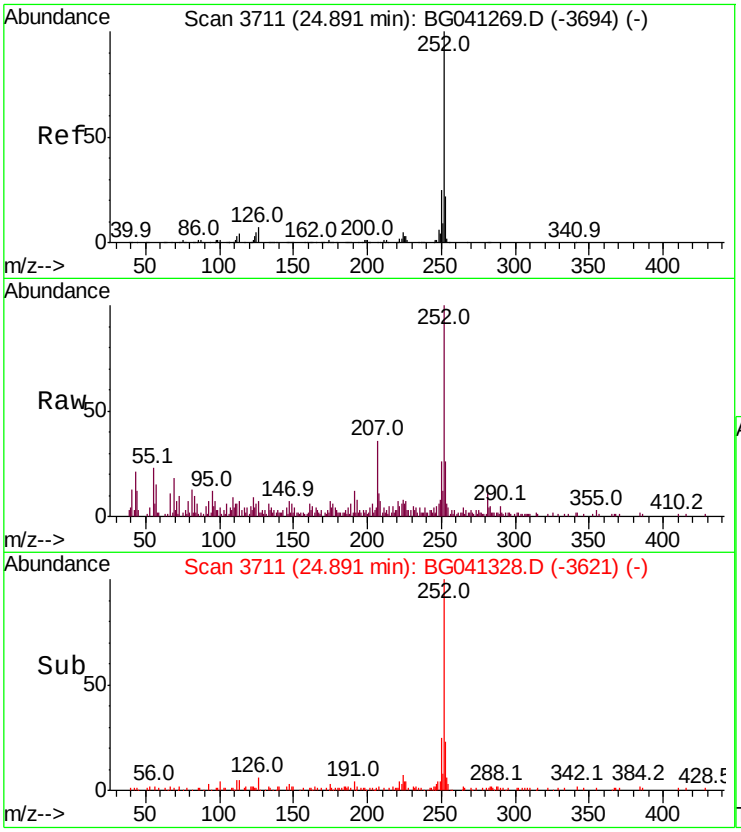


#88
Benzo(b)fluoranthene
Concen: 3.362 ng
RT: 23.99 min Scan# 3558
Delta R.T. 0.00 min
Lab File: BG041328.D
Acq: 19 Jun 2019 15:04

Tgt Ion:252 Resp: 59108

Ion	Ratio	Lower	Upper
252	100		
253	27.0	17.4	26.0#
125	8.1	3.9	5.9#





#90
Benzo(a)pyrene
Concen: 2.802 ng
RT: 24.89 min Scan# 3711
Delta R.T. 0.00 min
Lab File: BG041328.D
Acq: 19 Jun 2019 15:04

Instrument :
BNA_G
ClientSampleId :
JC-02-061419-A

Tgt Ion:252 Resp: 46529

Ion	Ratio	Lower	Upper
252	100		
253	26.5	17.8	26.6
125	6.3	4.2	6.4