Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061919\
Data File : BG041329.D
Acq On : 19 Jun 2019 15:42
Operator : HP/JU
Sample : K3154-09 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Jun 19 16:37:59 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	43069	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	172144	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	116135	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	270924	20.00	ng	0.00
76) Chrysene-d12	21.74	240	280769	20.00	ng	0.00
87) Perylene-d12	25.06	264	305056	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	40723	17.37	ng	0.00
7) Phenol-d6	7.23	99	57788	17.01	ng	0.00
23) Nitrobenzene-d5	9.26	82	44698	10.92	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	25439	14.27	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	89635	10.49	ng	0.00
79) Terphenyl-d14	20.06	244	148455	10.48	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.50	178	32293	2.235	ng	94
75) Fluoranthene	19.51	202	53365	2.780	ng	99
78) Pyrene	19.87	202	52514	2.773	ng	96

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

Quantitation Report (QT/LSC Reviewed)

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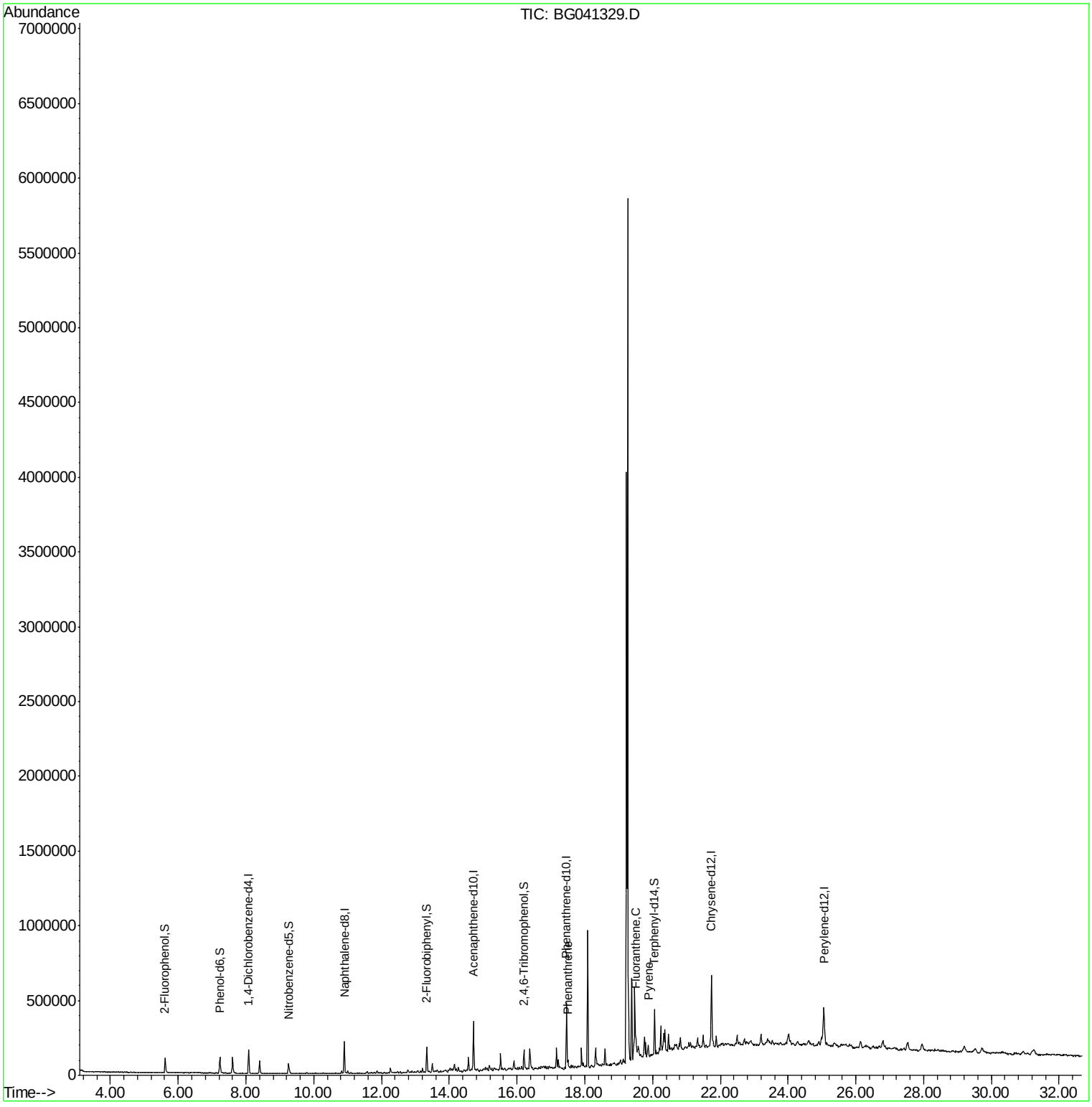
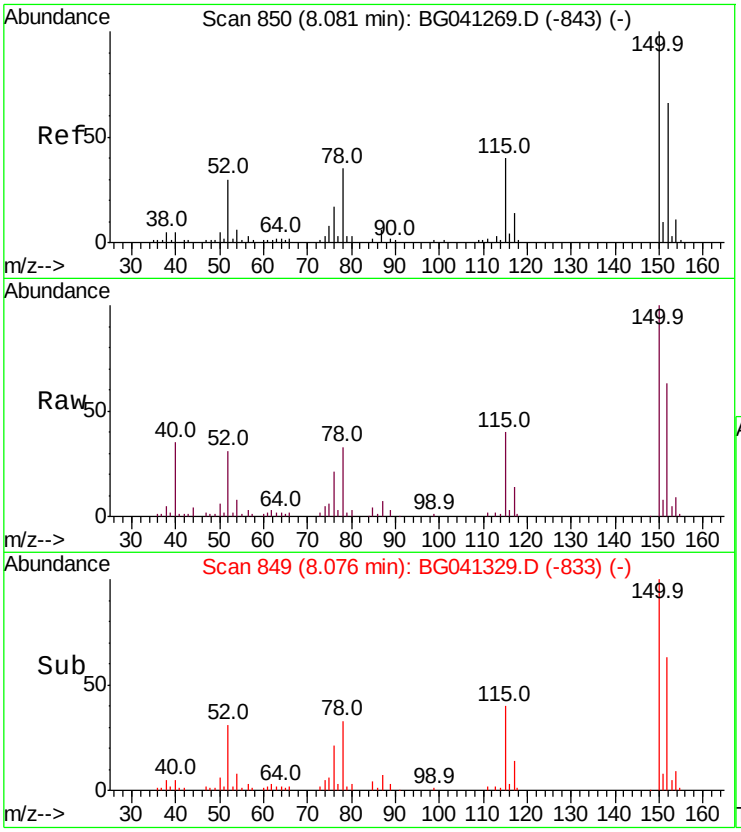


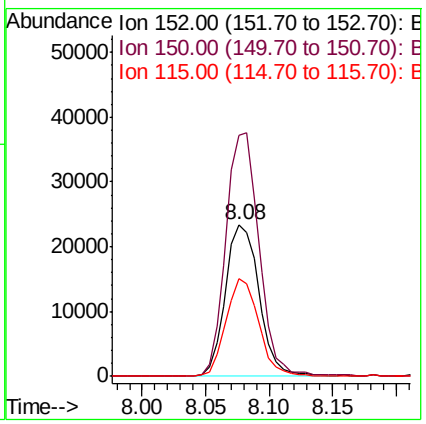


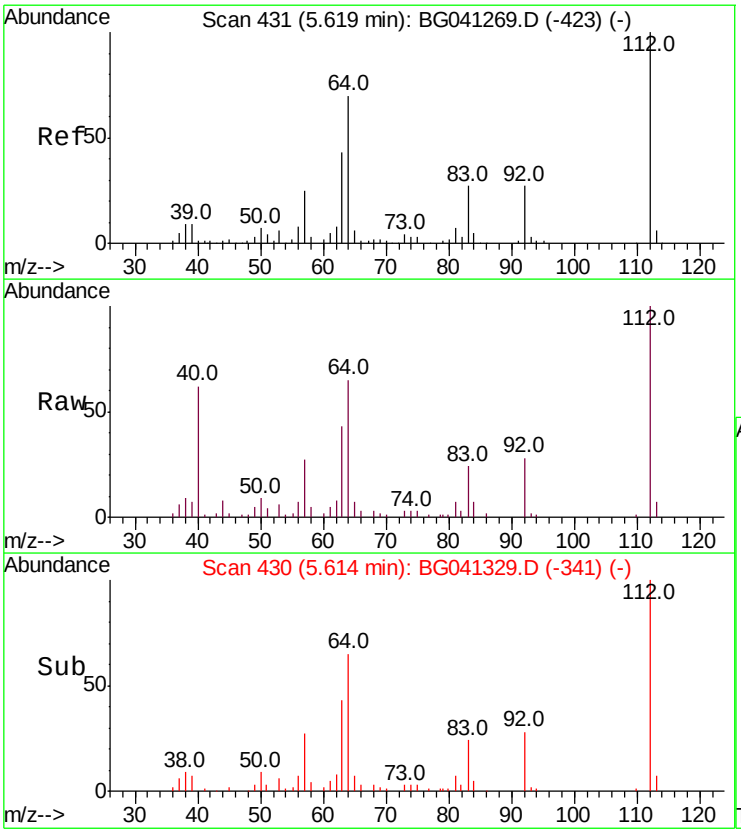
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 849
Delta R.T. -0.00 min
Lab File: BG041329.D
Acq: 19 Jun 2019 15:42

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

Tgt Ion:152 Resp: 43069

Ion	Ratio	Lower	Upper
152	100		
150	158.5	120.6	181.0
115	63.9	47.9	71.9

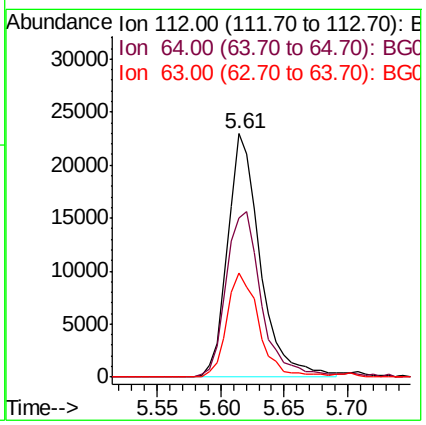


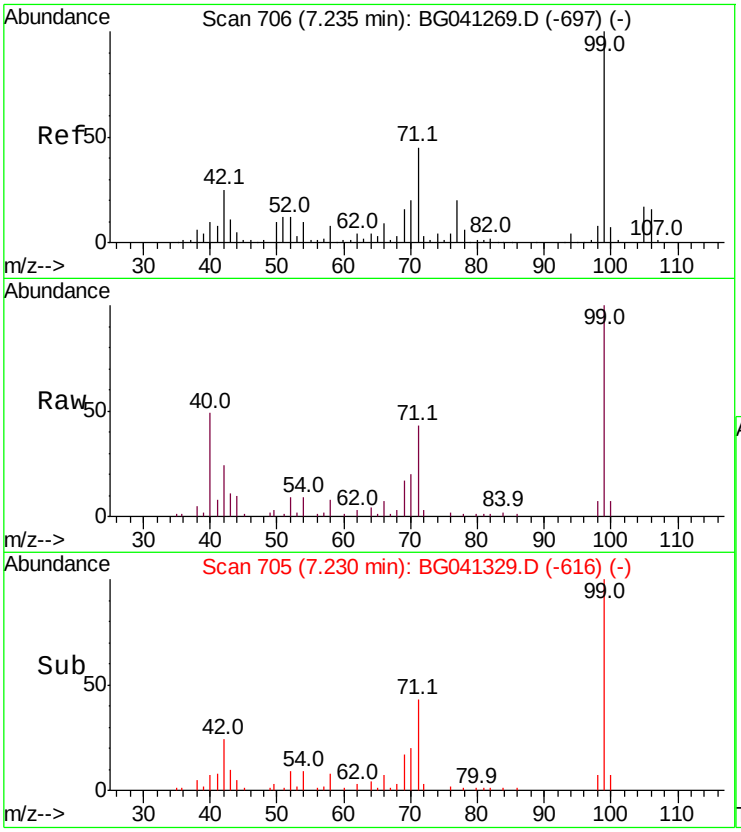


#5
2-Fluorophenol
Concen: 17.373 ng
RT: 5.61 min Scan# 430
Delta R.T. -0.00 min
Lab File: BG041329.D
Acq: 19 Jun 2019 15:42

Tgt Ion:112 Resp: 40723

Ion	Ratio	Lower	Upper
112	100		
64	65.5	55.9	83.9
63	42.8	34.6	51.8



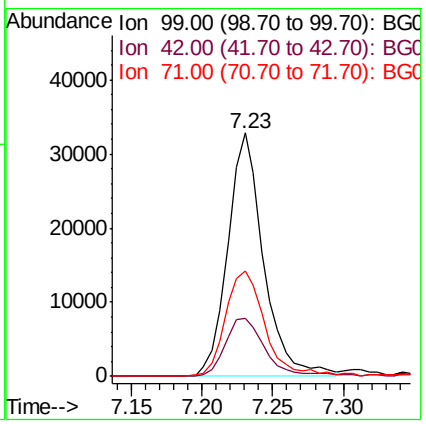


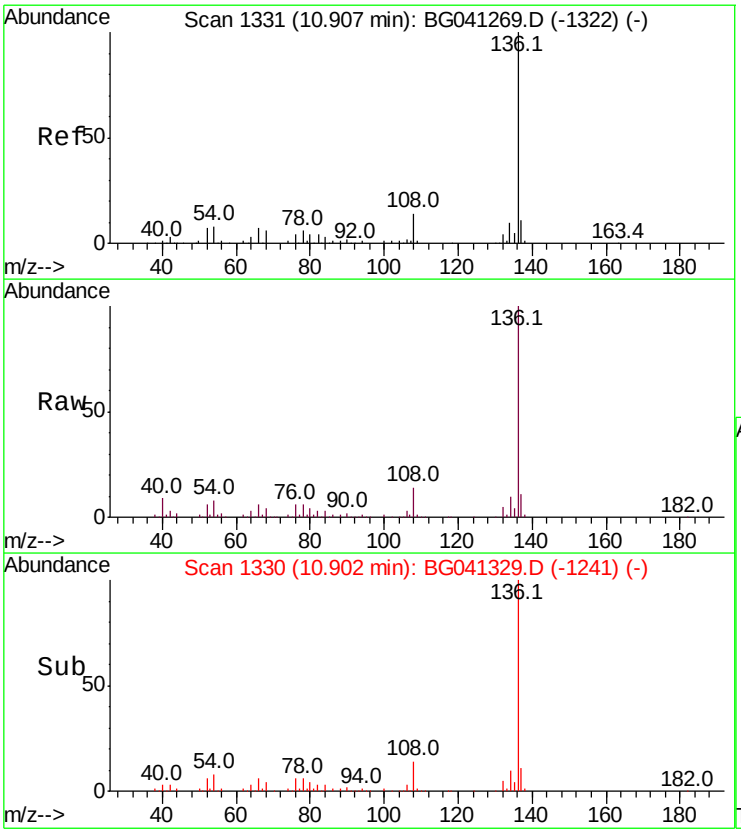
#7
Phenol-d6
Concen: 17.008 ng
RT: 7.23 min Scan# 705
Delta R.T. -0.00 min
Lab File: BG041329.D
Acq: 19 Jun 2019 15:42

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

Tgt Ion: 99 Resp: 57788

Ion	Ratio	Lower	Upper
99	100		
42	23.6	19.9	29.9
71	43.3	36.4	54.6

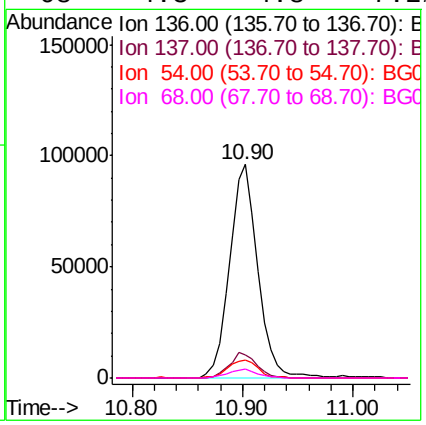


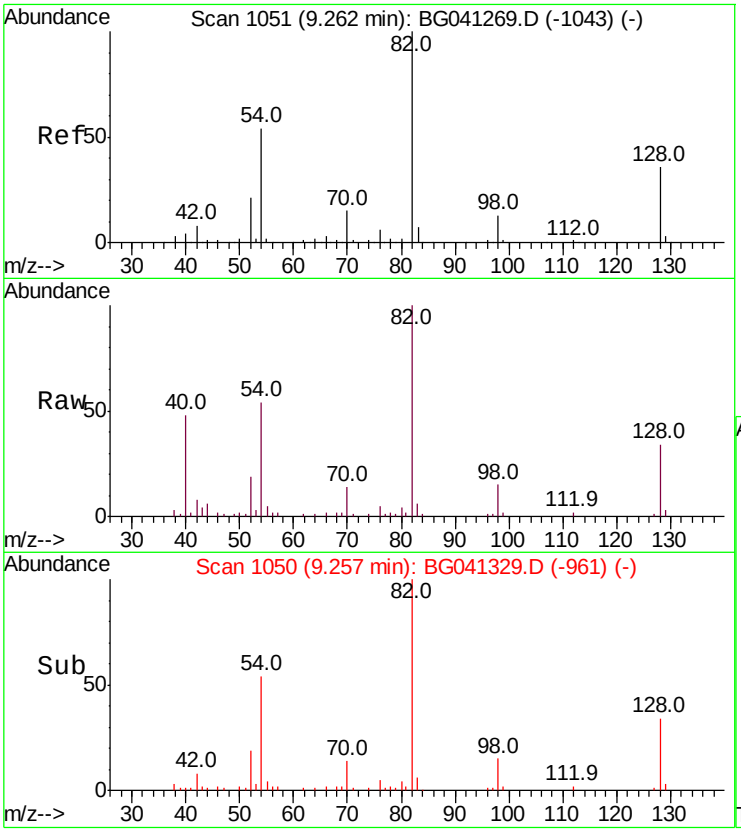


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BG041329.D
Acq: 19 Jun 2019 15:42

Tgt Ion:136 Resp: 172144

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	8.3	6.4	9.6
68	4.3	4.8	7.2#



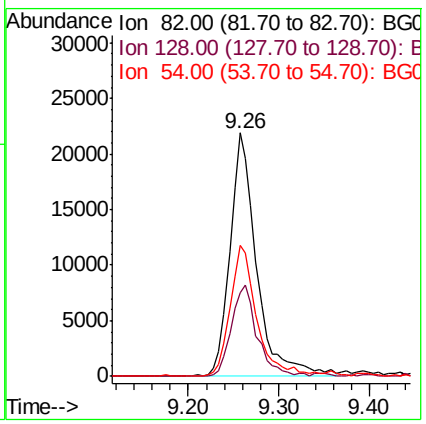


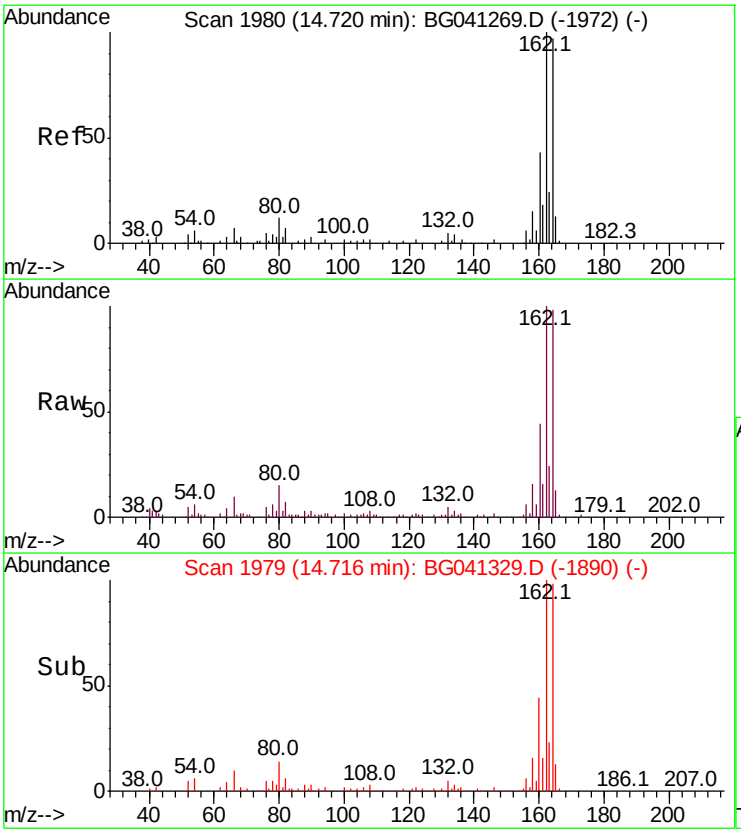
#23
Nitrobenzene-d5
Concen: 10.920 ng
RT: 9.26 min Scan# 1050
Delta R.T. -0.00 min
Lab File: BG041329.D
Acq: 19 Jun 2019 15:42

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

Tgt Ion: 82 Resp: 44698

Ion	Ratio	Lower	Upper
82	100		
128	34.1	29.2	43.8
54	54.0	43.4	65.0

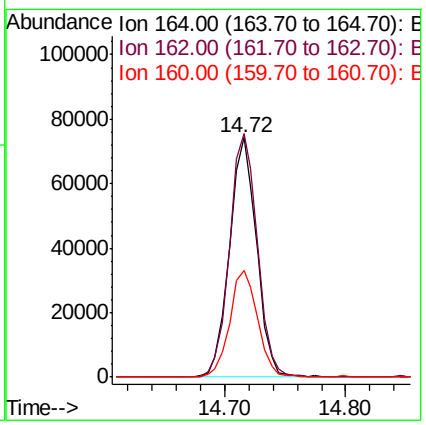


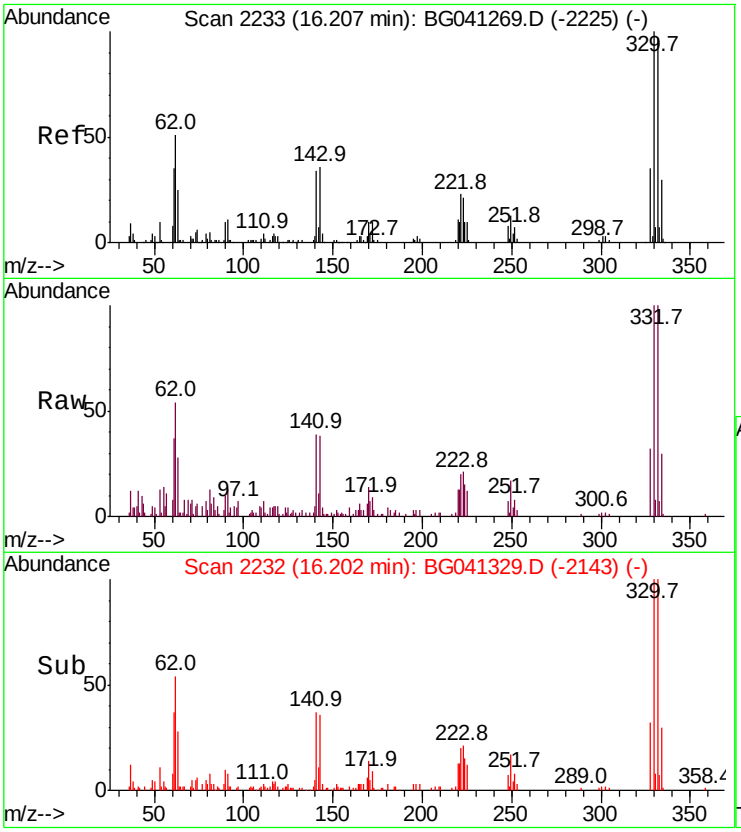


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1979
Delta R.T. -0.00 min
Lab File: BG041329.D
Acq: 19 Jun 2019 15:42

Tgt Ion:164 Resp: 116135

Ion	Ratio	Lower	Upper
164	100		
162	101.8	82.8	124.2
160	44.8	35.8	53.8



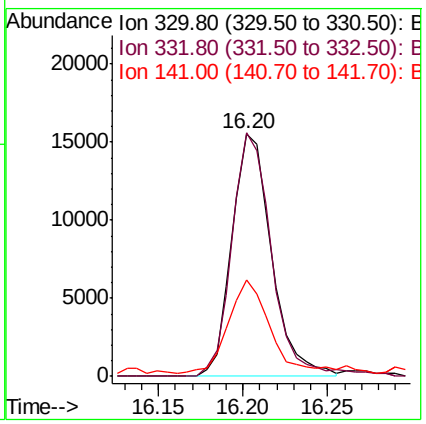


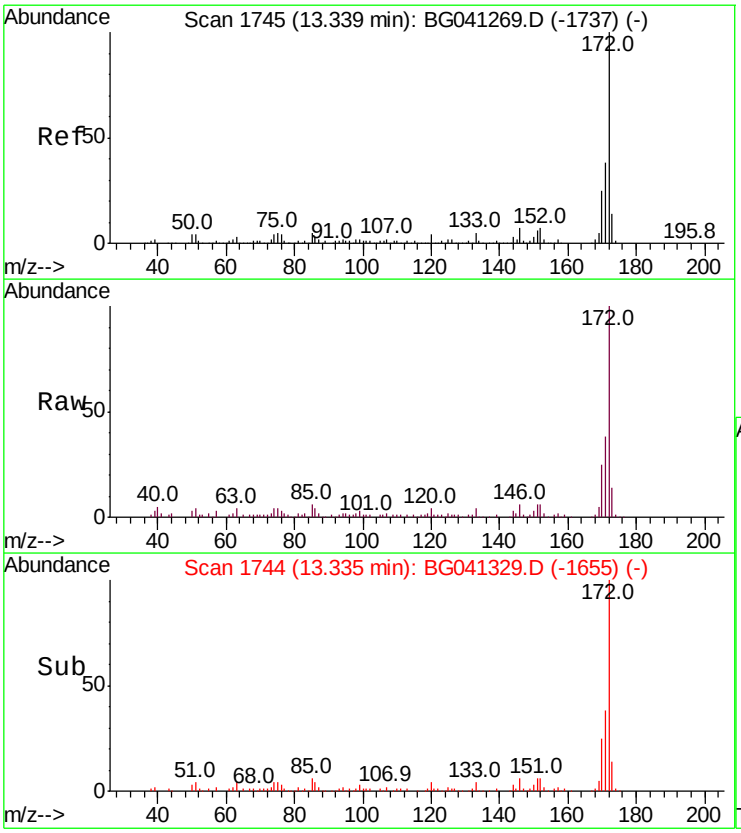
#42
2,4,6-Tribromophenol
Concen: 14.268 ng
RT: 16.20 min Scan# 2232
Delta R.T. -0.00 min
Lab File: BG041329.D
Acq: 19 Jun 2019 15:42

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

Tgt Ion:330 Resp: 25439

Ion	Ratio	Lower	Upper
330	100		
332	100.9	75.5	113.3
141	39.6	29.0	43.4

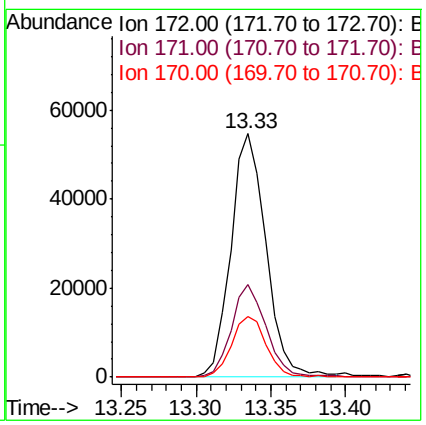


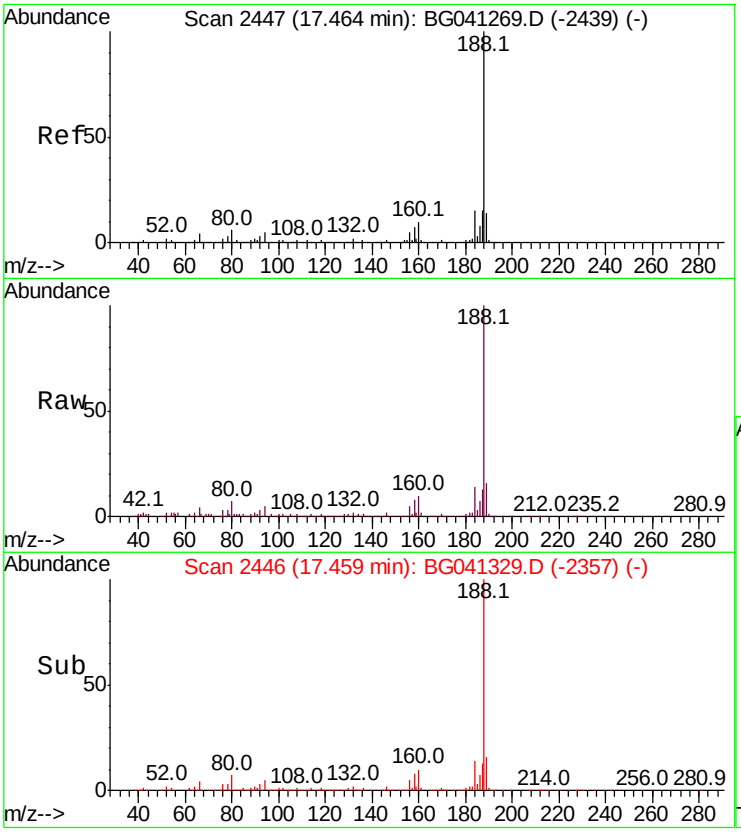


#45
2-Fluorobiphenyl
Concen: 10.490 ng
RT: 13.33 min Scan# 1744
Delta R.T. -0.00 min
Lab File: BG041329.D
Acq: 19 Jun 2019 15:42

Tgt Ion:172 Resp: 89635

Ion	Ratio	Lower	Upper
172	100		
171	38.2	30.0	45.0
170	24.8	19.8	29.6



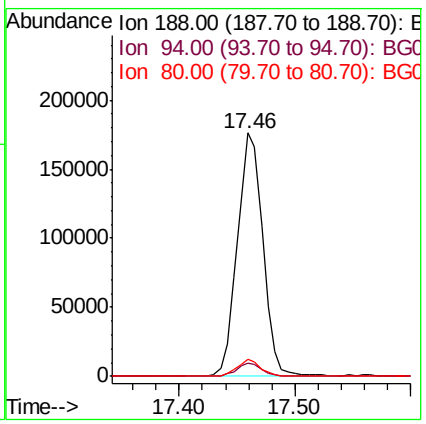


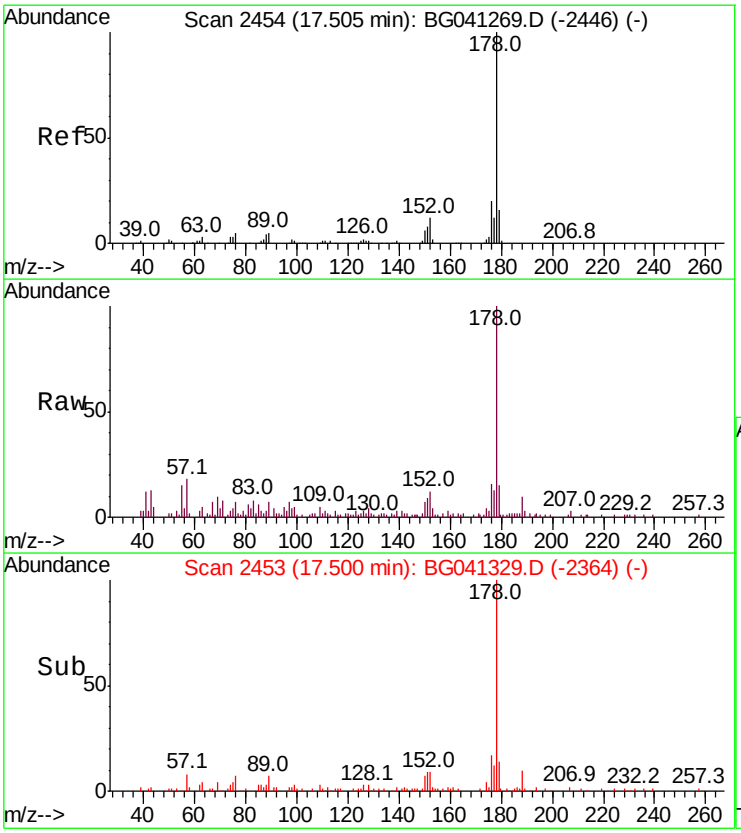
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.46 min Scan# 2446
Delta R.T. -0.00 min
Lab File: BG041329.D
Acq: 19 Jun 2019 15:42

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

Tgt Ion:188 Resp: 270924

Ion	Ratio	Lower	Upper
188	100		
94	5.5	3.6	5.4#
80	7.0	4.8	7.2

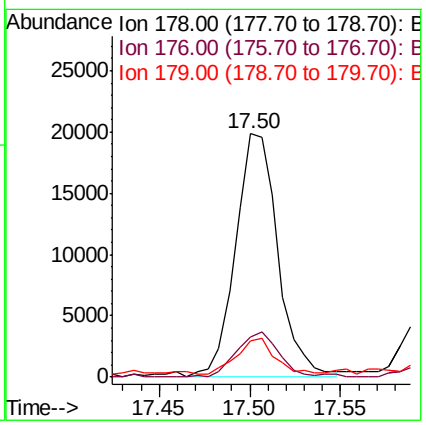


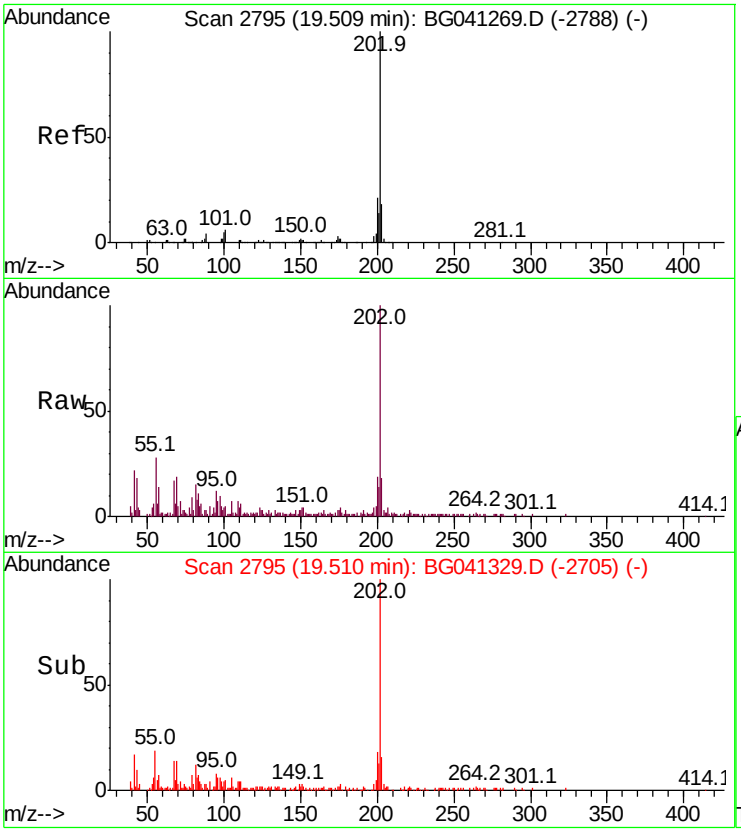


#71
Phenanthrene
Concen: 2.235 ng
RT: 17.50 min Scan# 2453
Delta R.T. -0.00 min
Lab File: BG041329.D
Acq: 19 Jun 2019 15:42

Tgt Ion:178 Resp: 32293

Ion	Ratio	Lower	Upper
178	100		
176	16.4	16.1	24.1
179	15.0	12.9	19.3



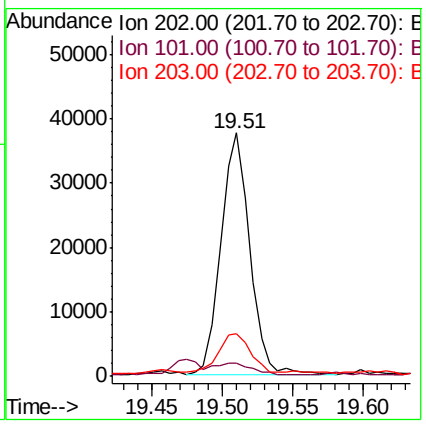


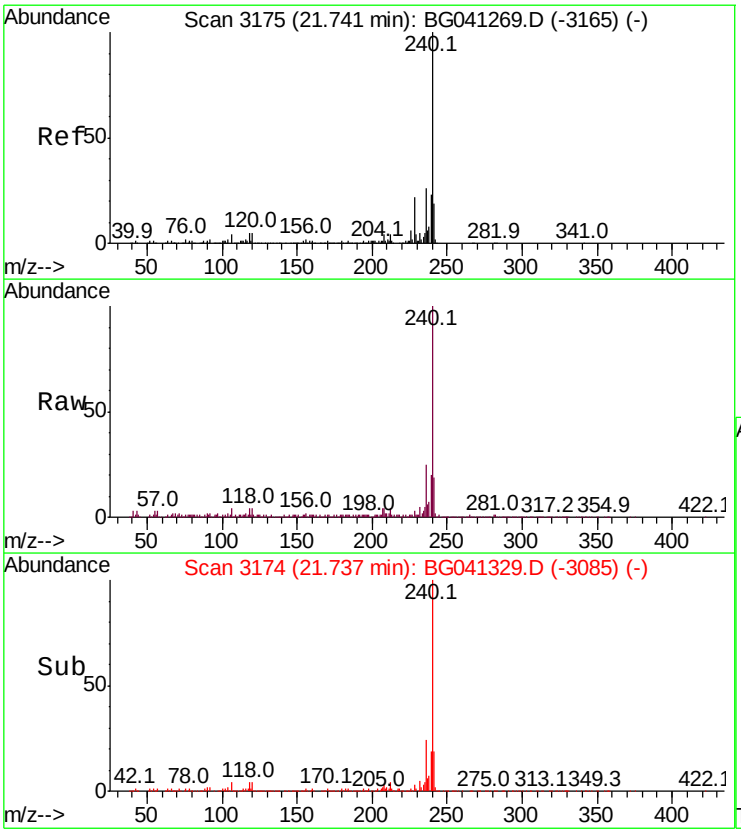
#75
Fluoranthene
Concen: 2.780 ng
RT: 19.51 min Scan# 2795
Delta R.T. 0.00 min
Lab File: BG041329.D
Acq: 19 Jun 2019 15:42

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

Tgt Ion:202 Resp: 53365

Ion	Ratio	Lower	Upper
202	100		
101	5.5	0.0	26.0
203	17.6	0.0	37.7

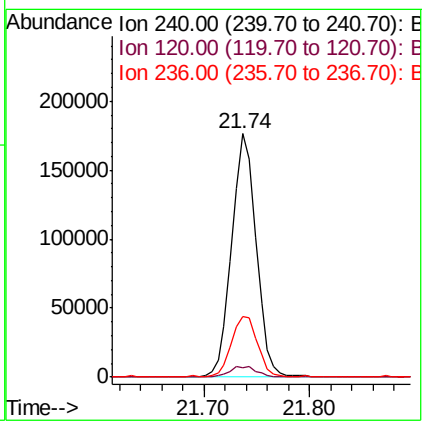


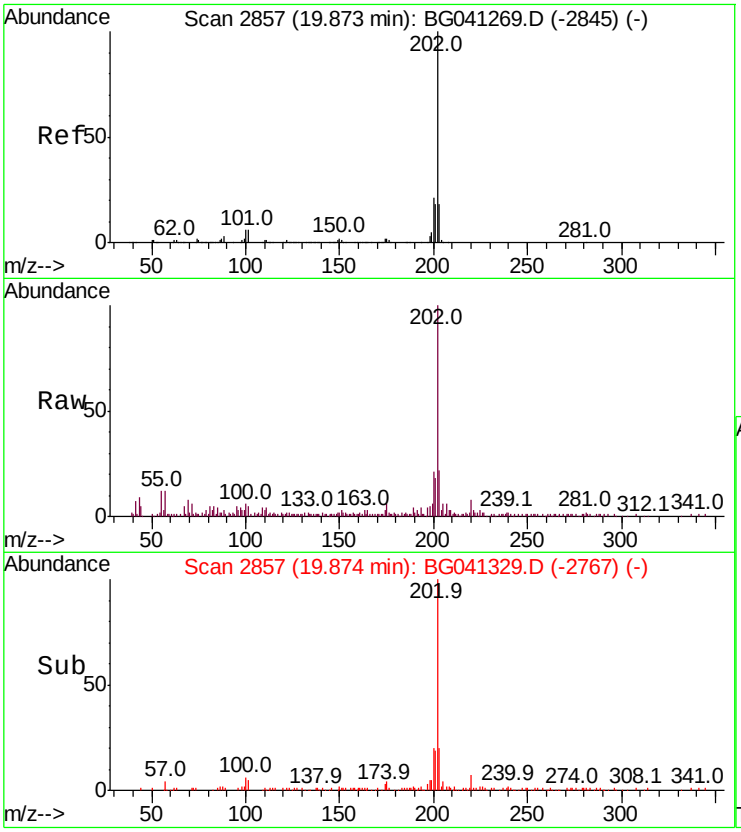


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.74 min Scan# 3174
Delta R.T. -0.00 min
Lab File: BG041329.D
Acq: 19 Jun 2019 15:42

Tgt Ion:240 Resp: 280769

Ion	Ratio	Lower	Upper
240	100		
120	4.0	3.7	5.5
236	24.9	21.1	31.7



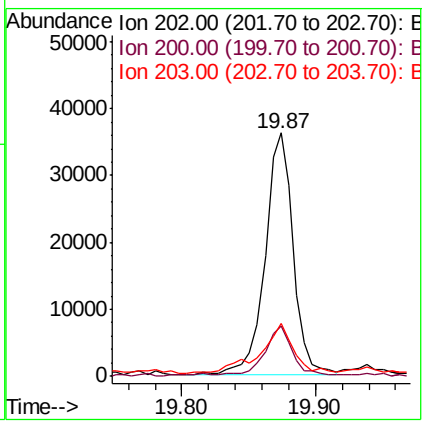


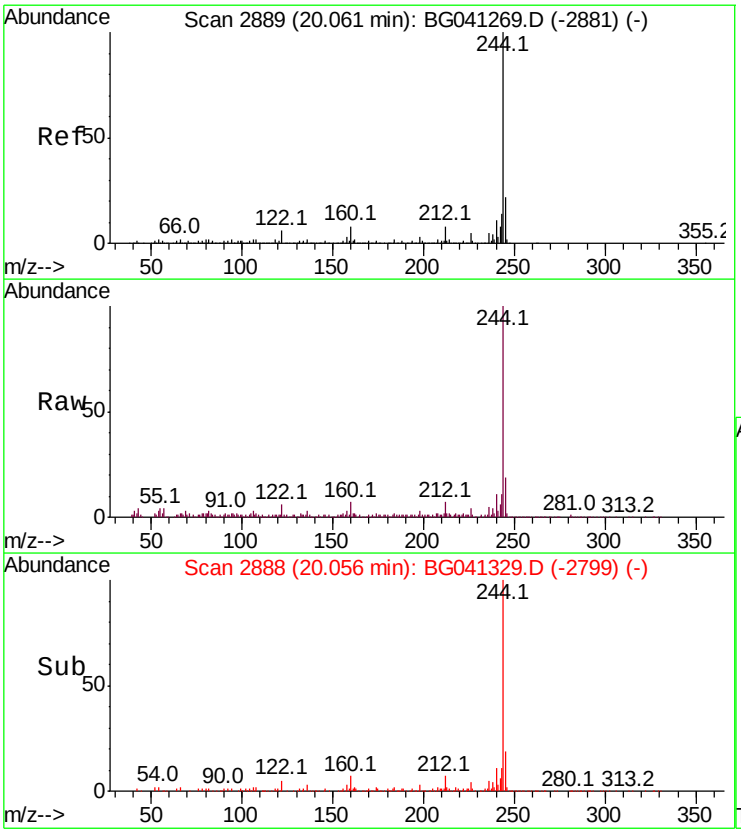
#78
Pyrene
Concen: 2.773 ng
RT: 19.87 min Scan# 2857
Delta R.T. 0.00 min
Lab File: BG041329.D
Acq: 19 Jun 2019 15:42

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

Tgt Ion:202 Resp: 52514

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.8	25.2
203	21.7	14.6	21.8

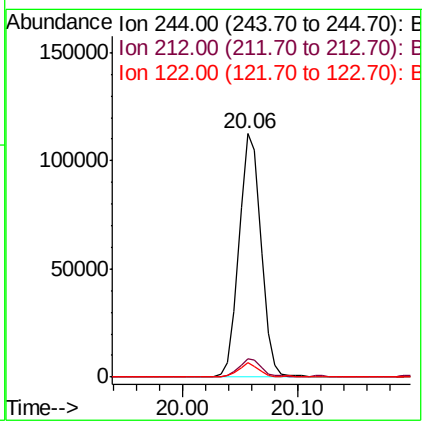


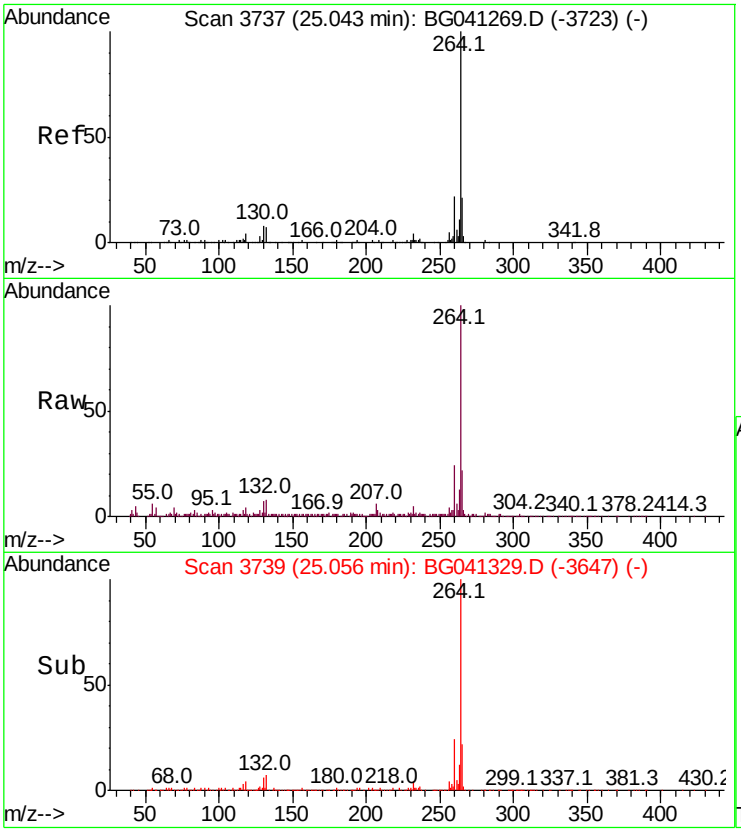


#79
Terphenyl-d14
Concen: 10.479 ng
RT: 20.06 min Scan# 2888
Delta R.T. -0.00 min
Lab File: BG041329.D
Acq: 19 Jun 2019 15:42

Tgt Ion:244 Resp: 148455

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.6	10.0
122	5.7	5.0	7.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.06 min Scan# 3739
Delta R.T. 0.01 min
Lab File: BG041329.D
Acq: 19 Jun 2019 15:42

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

Tgt Ion:264 Resp: 305056

Ion	Ratio	Lower	Upper
264	100		
260	24.1	17.4	26.2
265	22.4	17.2	25.8