Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062419\
Data File : BG041432.D
Acq On : 24 Jun 2019 21:52
Operator : HP/JU
Sample : K3500-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-B-061919

Quant Time: Jun 25 06:28:45 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	8.05	152	31257	20.00	ng	-0.03
21) Naphthalene-d8	10.87	136	124280	20.00	ng	-0.04
39) Acenaphthene-d10	14.69	164	91348	20.00	ng	-0.03
64) Phenanthrene-d10	17.43	188	226146	20.00	ng	-0.03
76) Chrysene-d12	21.70	240	224780	20.00	ng	-0.04
87) Perylene-d12	24.99	264	178889	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	95603	56.20	ng	-0.03
7) Phenol-d6	7.20	99	85917	34.84	ng	-0.03
23) Nitrobenzene-d5	9.23	82	239652	81.10	ng	-0.03
42) 2,4,6-Tribromophenol	16.18	330	184271	131.40	ng	-0.03
45) 2-Fluorobiphenyl	13.31	172	608888	90.60	ng	-0.03
79) Terphenyl-d14	20.03	244	1068800	94.23	ng	-0.03
Target Compounds						Qvalue
37) 2-Methylnaphthalene	12.52	142	126403	25.409	ng	98
38) 1-Methylnaphthalene	12.74	142	205622	43.201	ng	97
46) 1,1'-Biphenyl	13.52	154	33485	4.849	ng	96

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

Quantitation Report (QT/LSC Reviewed)

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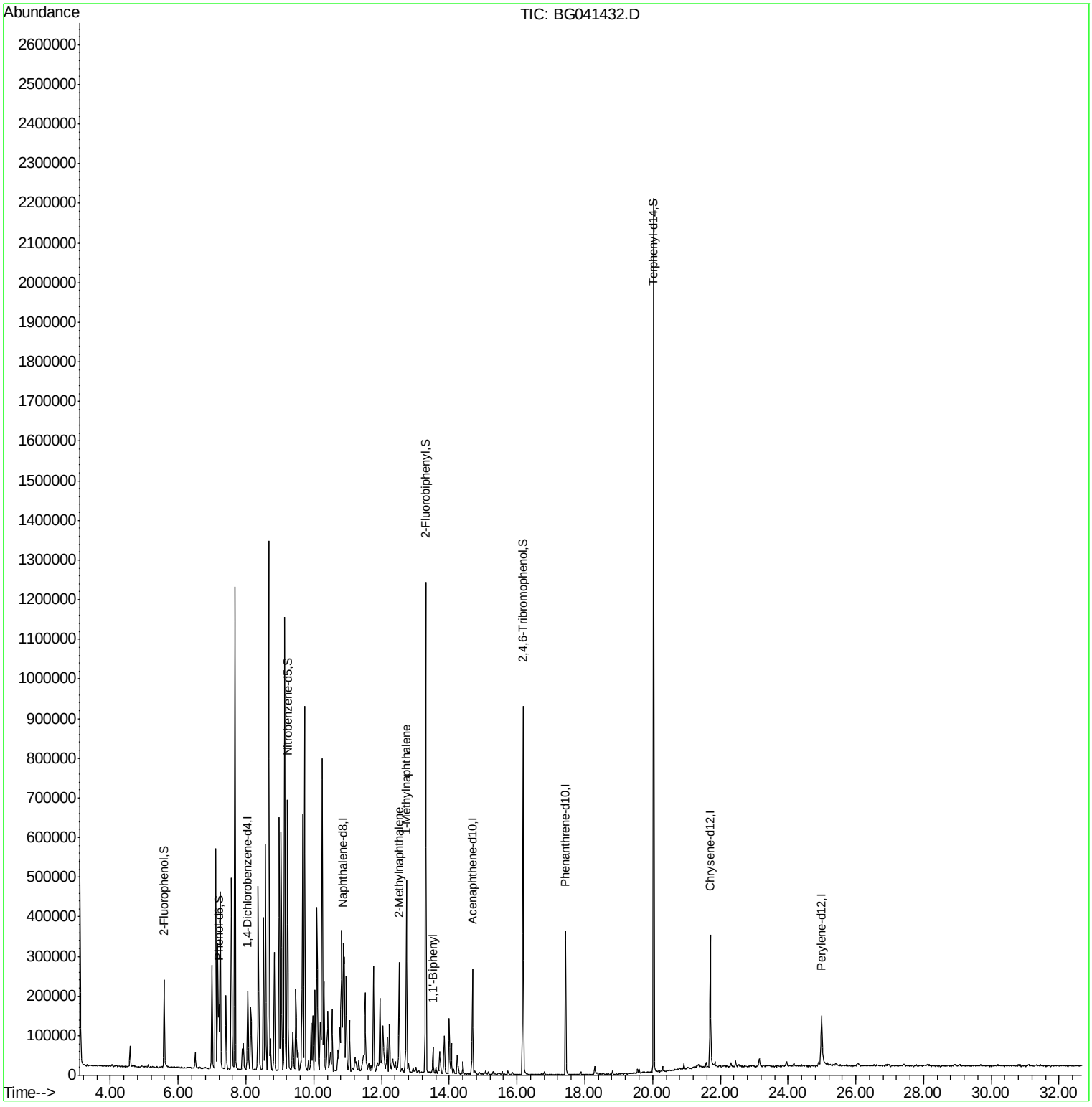
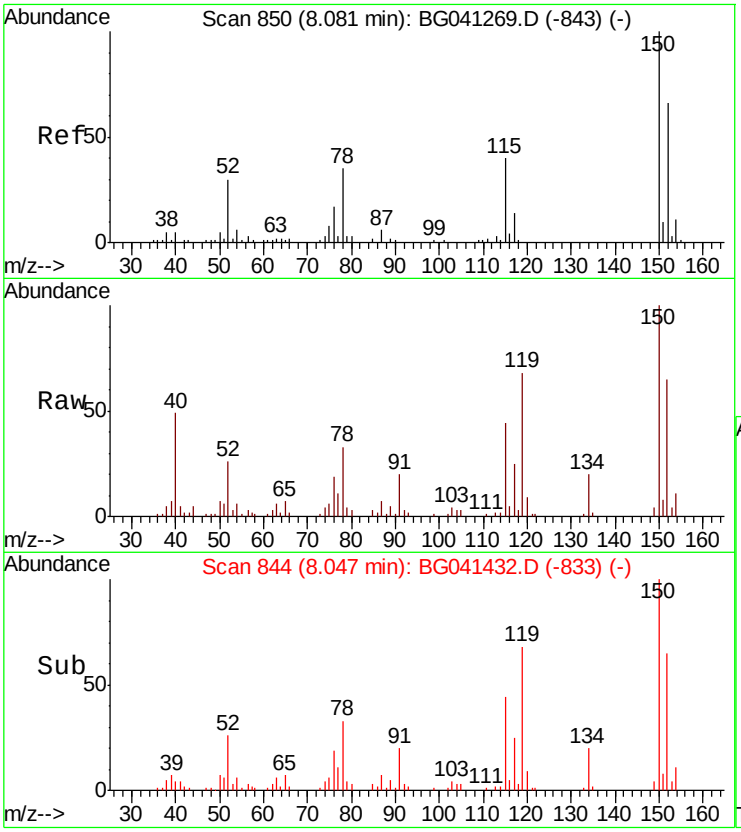


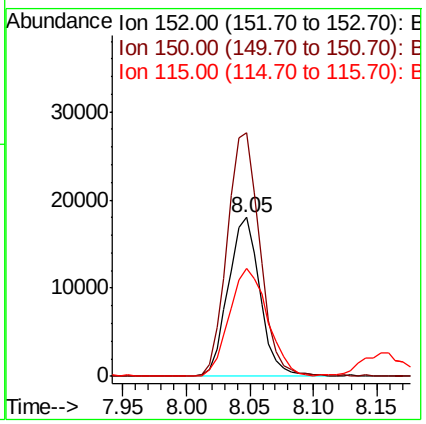


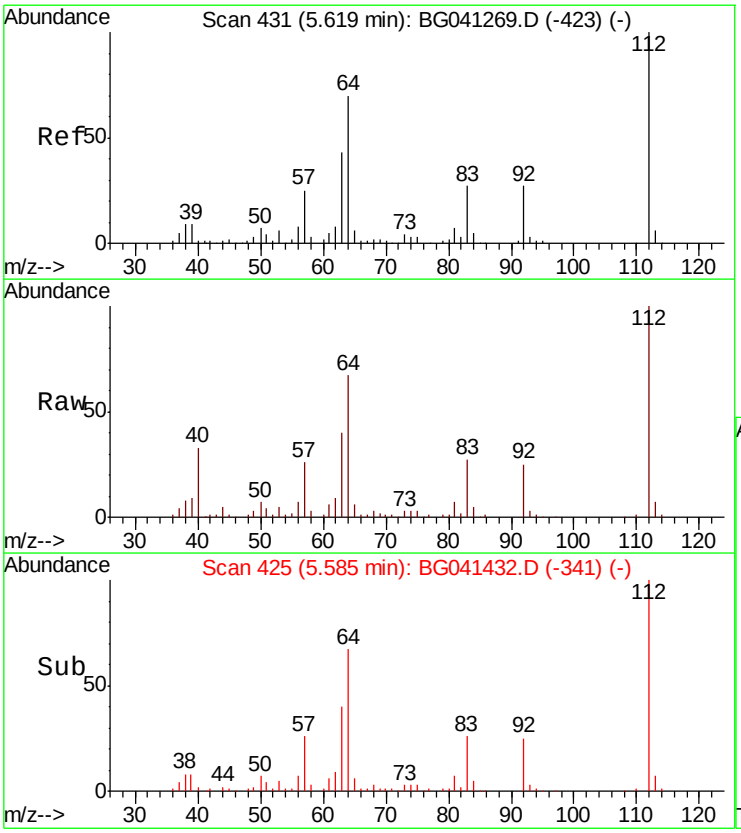
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.03 min
Lab File: BG041432.D
Acq: 24 Jun 2019 21:52

Instrument :
BNA_G
ClientSampleId :
GW-B-061919

Tgt Ion:152 Resp: 31257

Ion	Ratio	Lower	Upper
152	100		
150	153.1	120.6	181.0
115	68.0	47.9	71.9

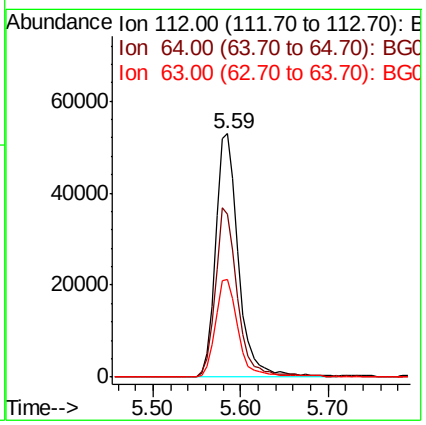


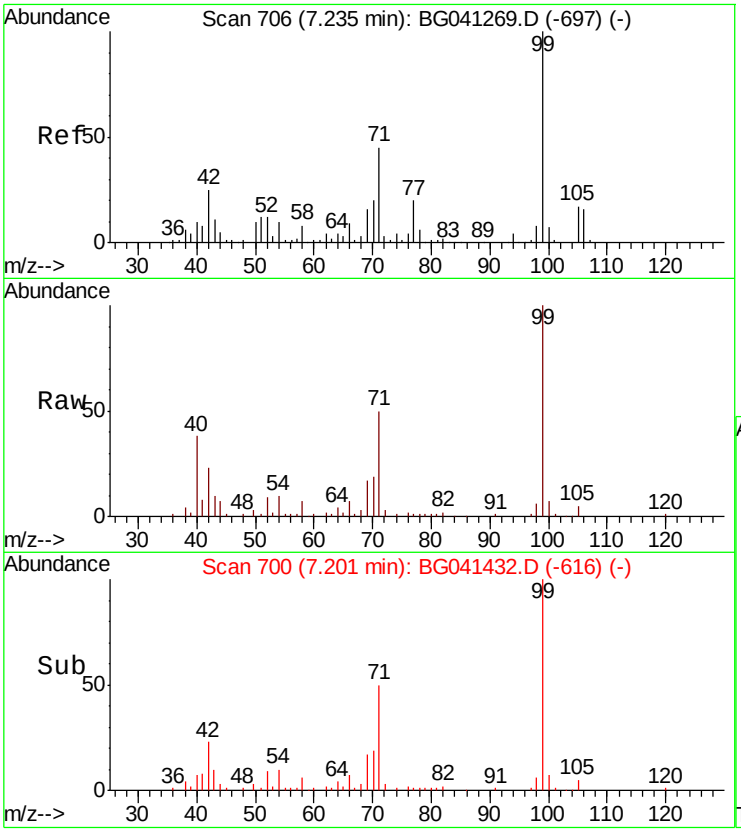


#5
2-Fluorophenol
Concen: 56.199 ng
RT: 5.59 min Scan# 425
Delta R.T. -0.03 min
Lab File: BG041432.D
Acq: 24 Jun 2019 21:52

Tgt Ion:112 Resp: 95603

Ion	Ratio	Lower	Upper
112	100		
64	66.9	55.9	83.9
63	39.9	34.6	51.8



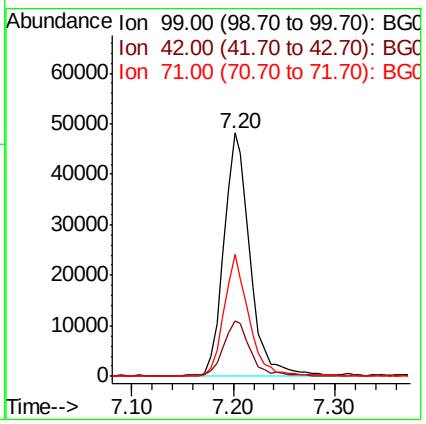


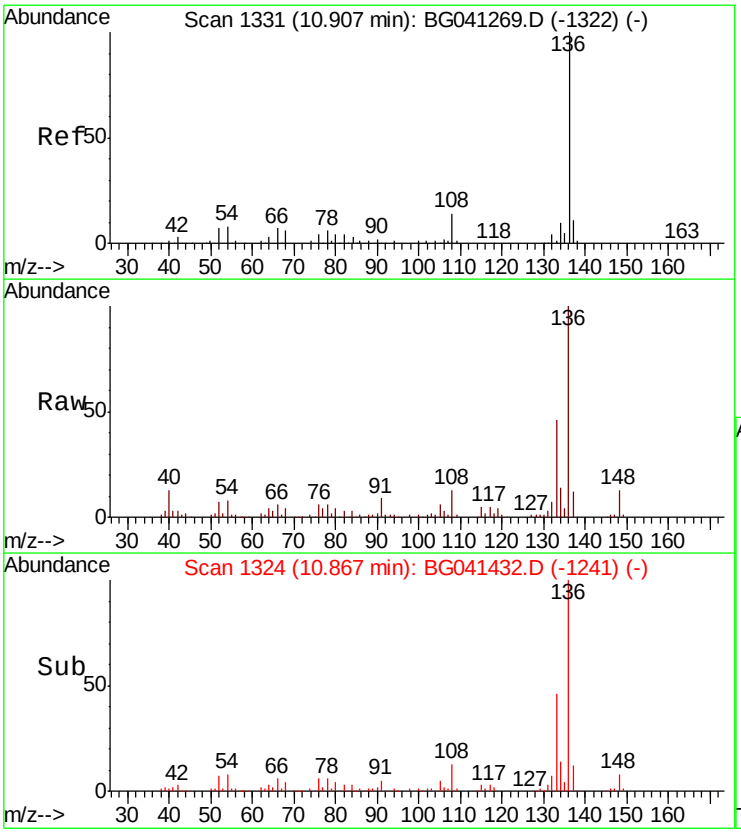
#7
Phenol-d6
Concen: 34.843 ng
RT: 7.20 min Scan# 700
Delta R.T. -0.03 min
Lab File: BG041432.D
Acq: 24 Jun 2019 21:52

Instrument :
BNA_G
ClientSampleId :
GW-B-061919

Tgt Ion: 99 Resp: 85917

Ion	Ratio	Lower	Upper
99	100		
42	22.6	19.9	29.9
71	50.0	36.4	54.6

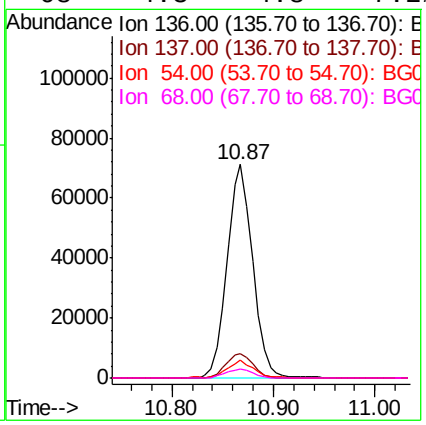


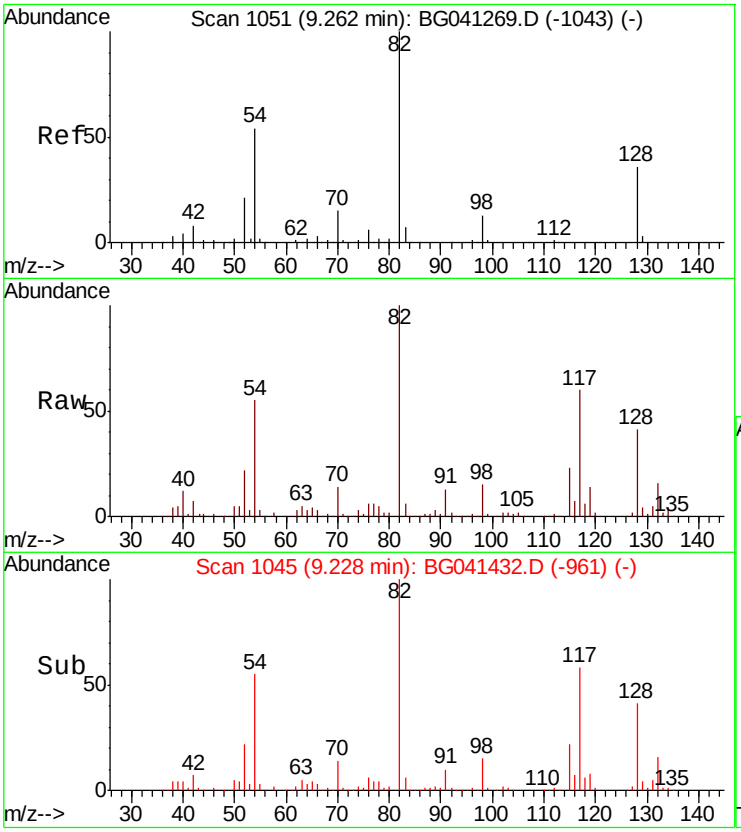


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.04 min
Lab File: BG041432.D
Acq: 24 Jun 2019 21:52

Tgt Ion:136 Resp: 124280

Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.8	13.2
54	8.2	6.4	9.6
68	4.3	4.8	7.2#



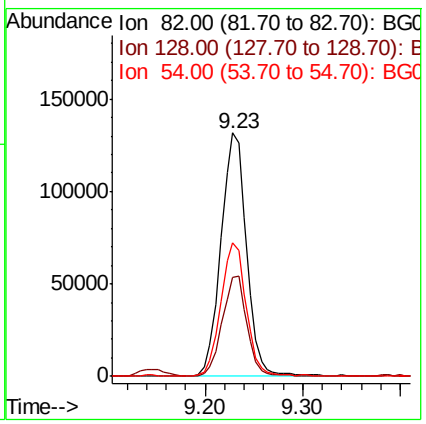


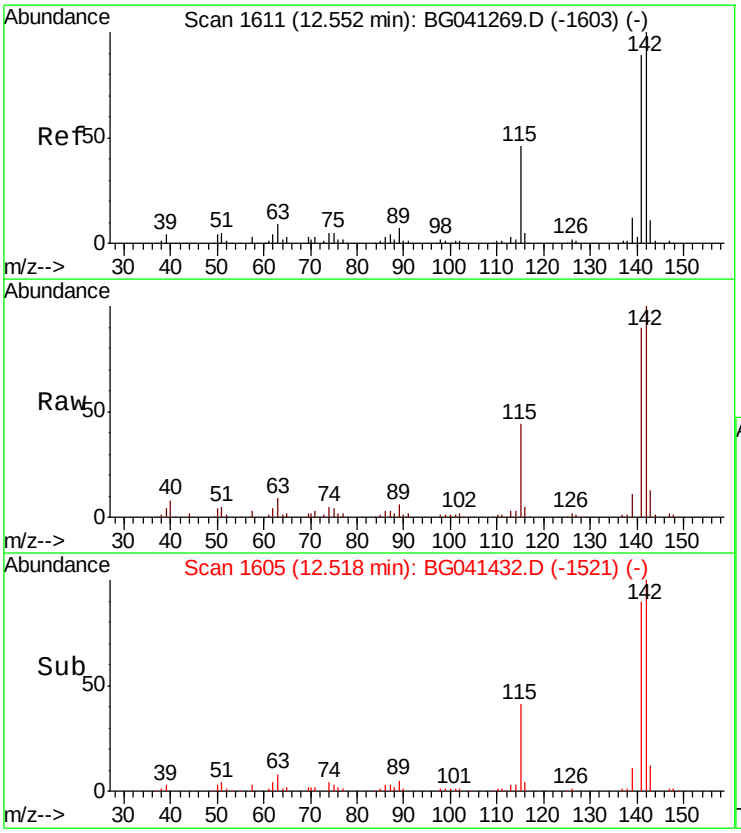
#23
Nitrobenzene-d5
Concen: 81.098 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.03 min
Lab File: BG041432.D
Acq: 24 Jun 2019 21:52

Instrument :
BNA_G
ClientSampleId :
GW-B-061919

Tgt Ion: 82 Resp: 239652

Ion	Ratio	Lower	Upper
82	100		
128	40.9	29.2	43.8
54	54.7	43.4	65.0

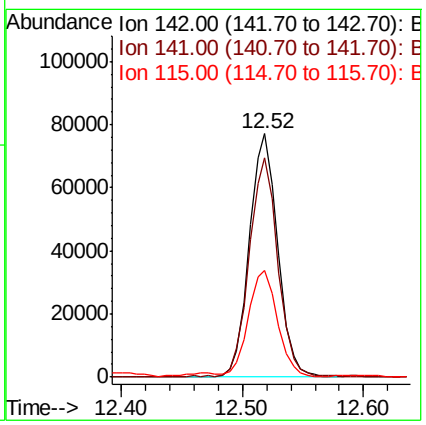


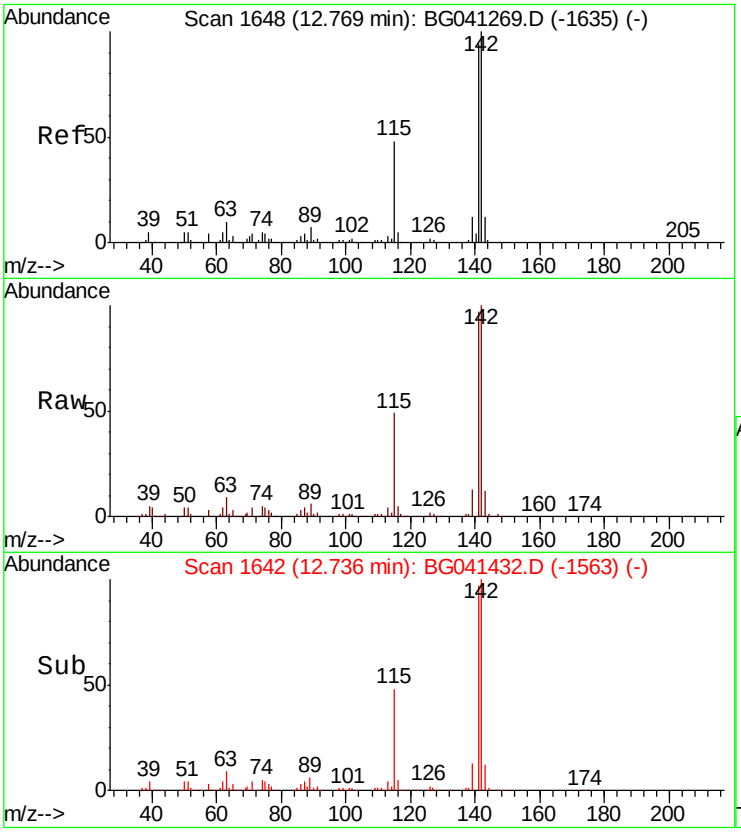


#37
2-Methylnaphthalene
Concen: 25.409 ng
RT: 12.52 min Scan# 1605
Delta R.T. -0.03 min
Lab File: BG041432.D
Acq: 24 Jun 2019 21:52

Tgt Ion:142 Resp: 126403

Ion	Ratio	Lower	Upper
142	100		
141	90.3	71.5	107.3
115	43.9	37.0	55.6



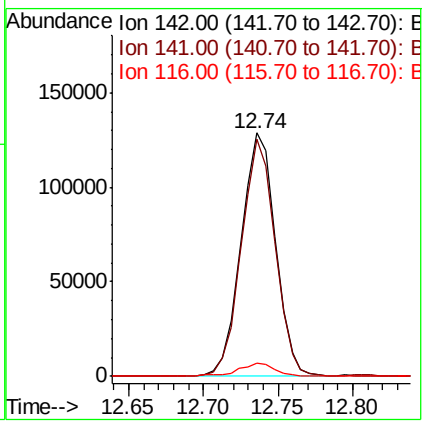


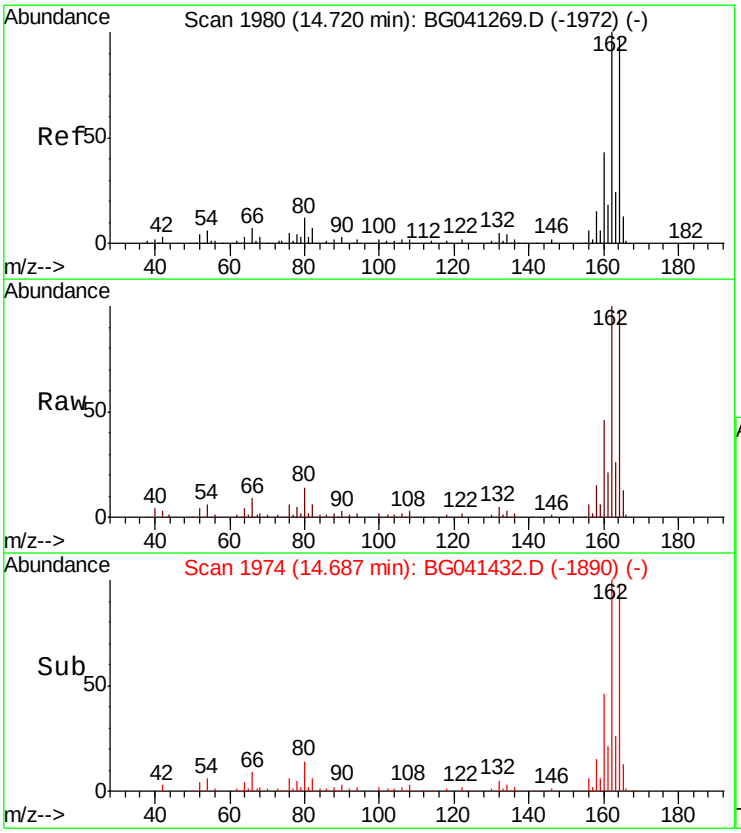
#38
1-Methylnaphthalene
Concen: 43.201 ng
RT: 12.74 min Scan# 1642
Delta R.T. -0.03 min
Lab File: BG041432.D
Acq: 24 Jun 2019 21:52

Instrument :
BNA_G
ClientSampleId :
GW-B-061919

Tgt Ion:142 Resp: 205622

Ion	Ratio	Lower	Upper
142	100		
141	97.2	75.0	112.6
116	5.2	4.2	6.2

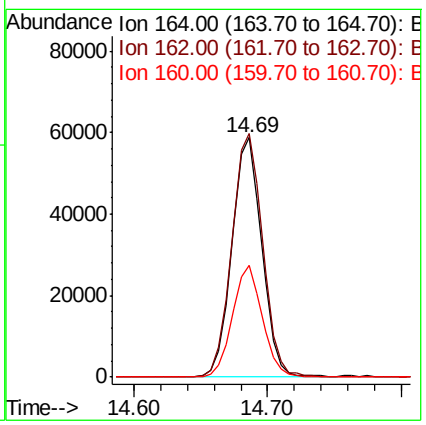


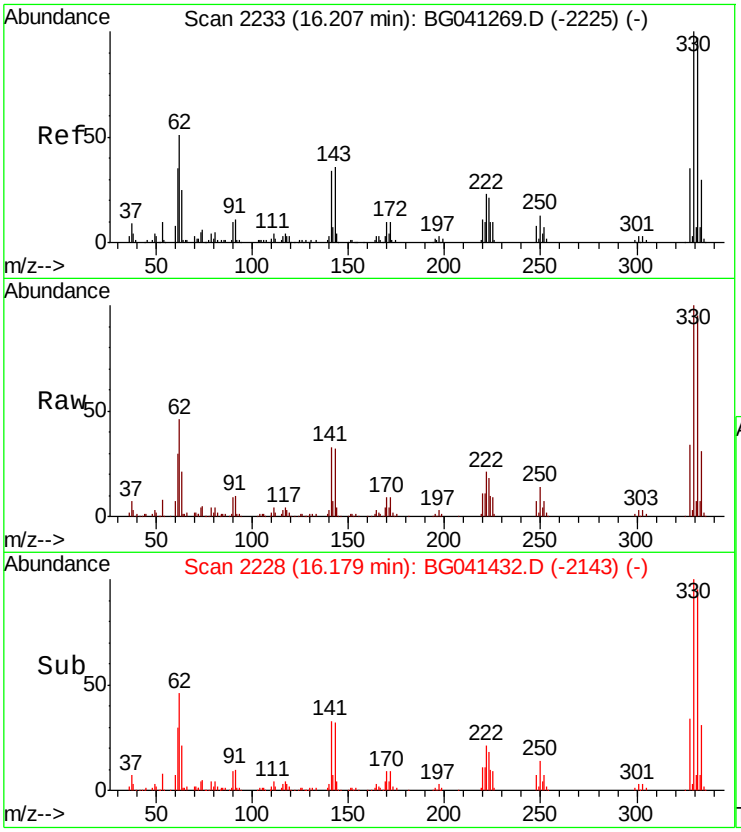


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.03 min
Lab File: BG041432.D
Acq: 24 Jun 2019 21:52

Tgt Ion:164 Resp: 91348

Ion	Ratio	Lower	Upper
164	100		
162	101.8	82.8	124.2
160	47.0	35.8	53.8



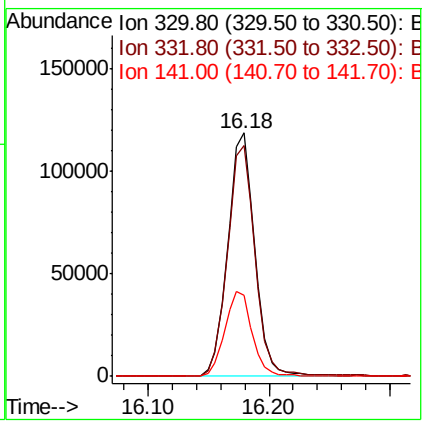


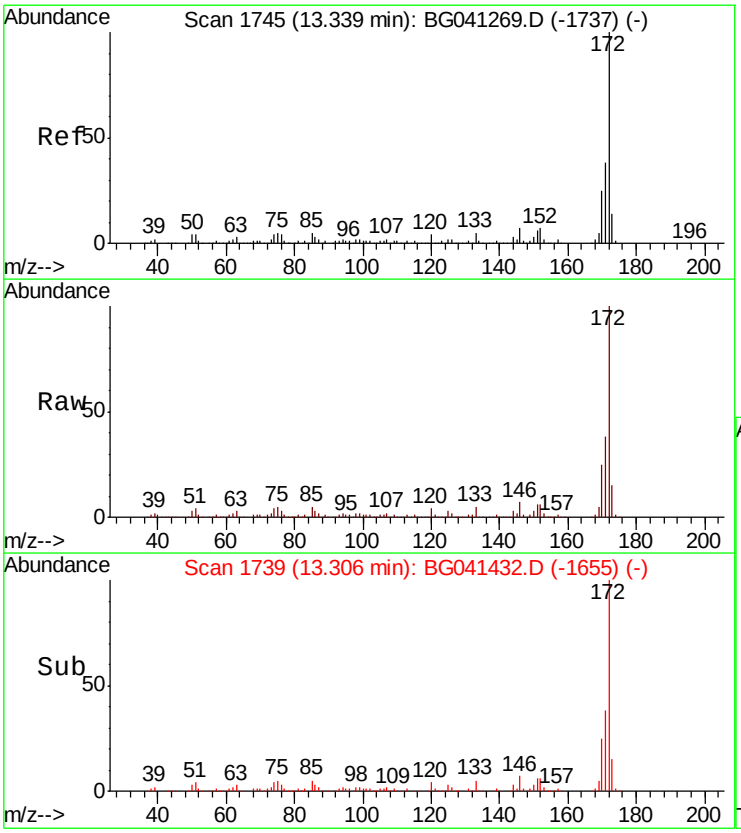
#42
2,4,6-Tribromophenol
Concen: 131.397 ng
RT: 16.18 min Scan# 2228
Delta R.T. -0.03 min
Lab File: BG041432.D
Acq: 24 Jun 2019 21:52

Instrument :
BNA_G
ClientSampleId :
GW-B-061919

Tgt Ion:330 Resp: 184271

Ion	Ratio	Lower	Upper
330	100		
332	97.8	75.5	113.3
141	35.4	29.0	43.4

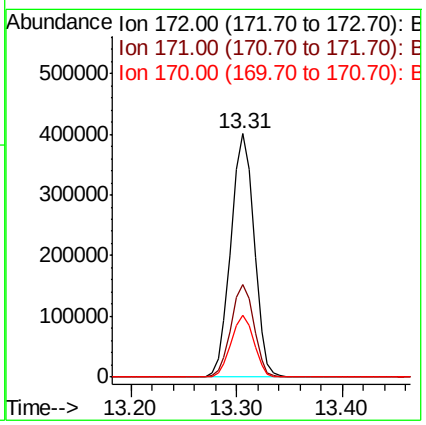


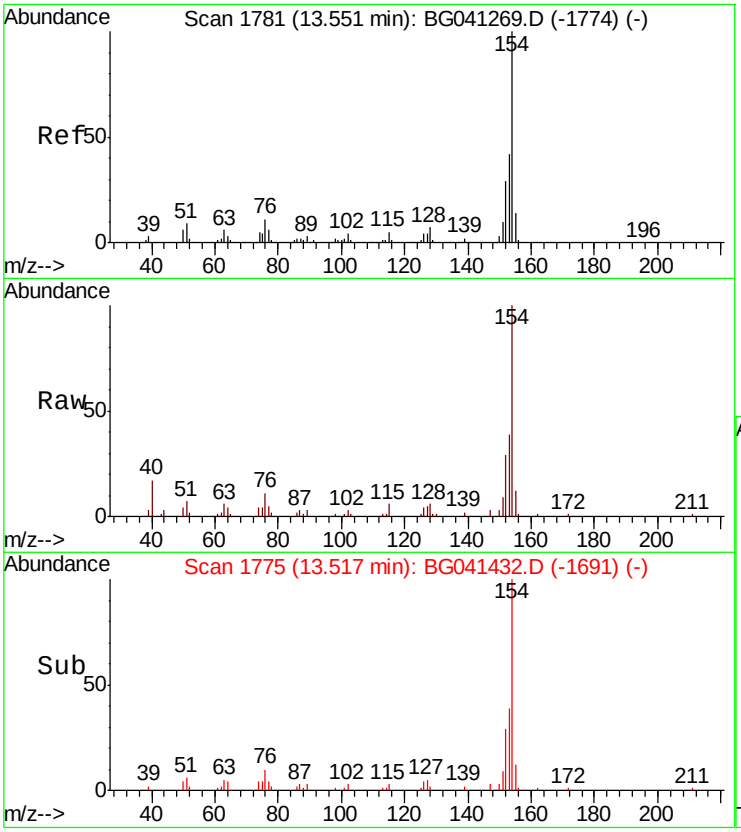


#45
2-Fluorobiphenyl
Concen: 90.596 ng
RT: 13.31 min Scan# 1739
Delta R.T. -0.03 min
Lab File: BG041432.D
Acq: 24 Jun 2019 21:52

Tgt Ion:172 Resp: 608888

Ion	Ratio	Lower	Upper
172	100		
171	37.9	30.0	45.0
170	25.4	19.8	29.6



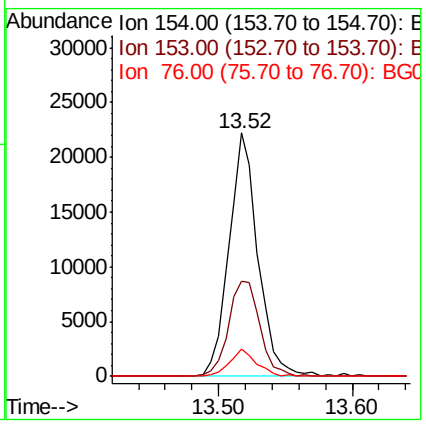


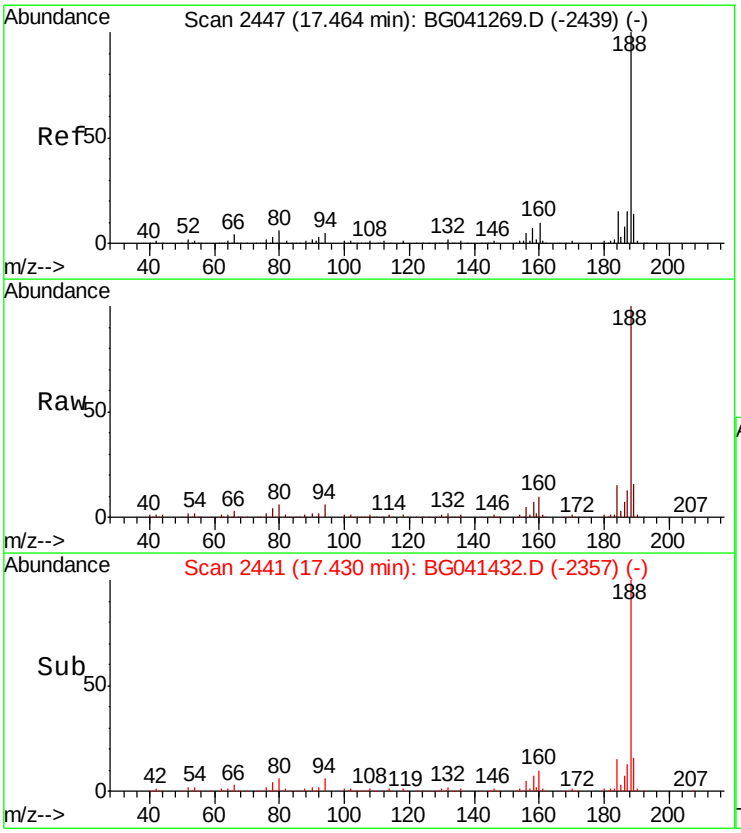
#46
1,1'-Biphenyl
Concen: 4.849 ng
RT: 13.52 min Scan# 1775
Delta R.T. -0.03 min
Lab File: BG041432.D
Acq: 24 Jun 2019 21:52

Instrument :
BNA_G
ClientSampleId :
GW-B-061919

Tgt Ion:154 Resp: 33485

Ion	Ratio	Lower	Upper
154	100		
153	39.2	22.3	62.3
76	11.3	0.0	30.8

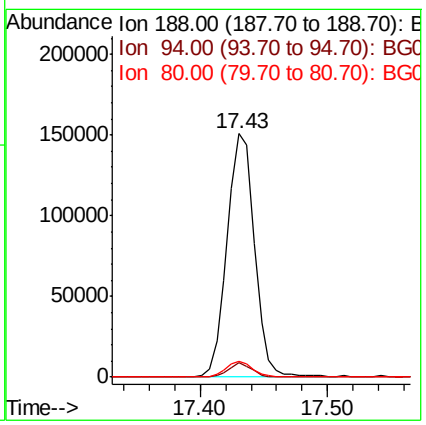


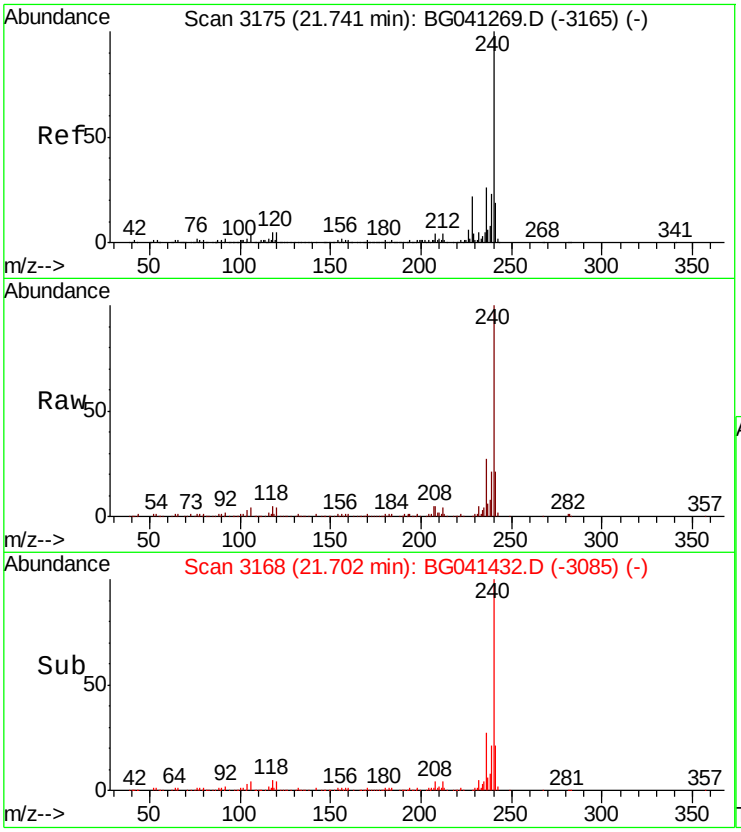


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.03 min
Lab File: BG041432.D
Acq: 24 Jun 2019 21:52

Tgt Ion:188 Resp: 226146

Ion	Ratio	Lower	Upper
188	100		
94	5.8	3.6	5.4#
80	6.2	4.8	7.2



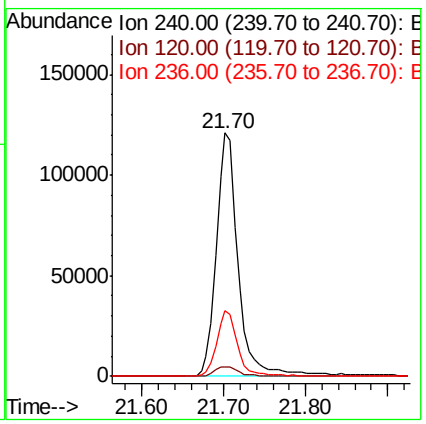


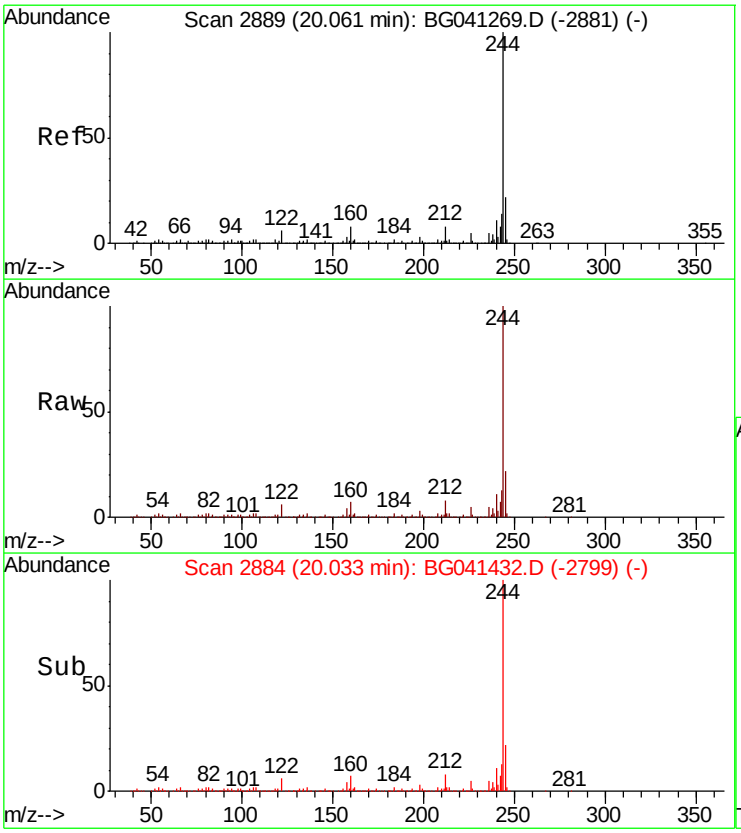
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3168
Delta R.T. -0.04 min
Lab File: BG041432.D
Acq: 24 Jun 2019 21:52

Instrument :
BNA_G
ClientSampleId :
GW-B-061919

Tgt Ion:240 Resp: 224780

Ion	Ratio	Lower	Upper
240	100		
120	3.9	3.7	5.5
236	27.0	21.1	31.7

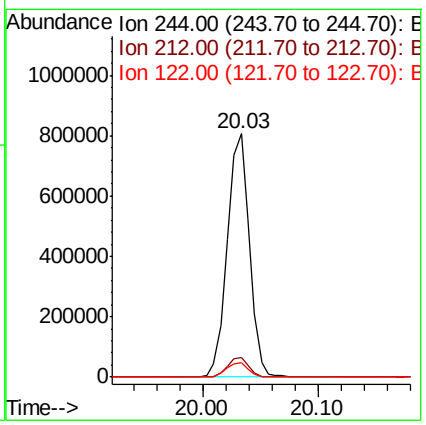


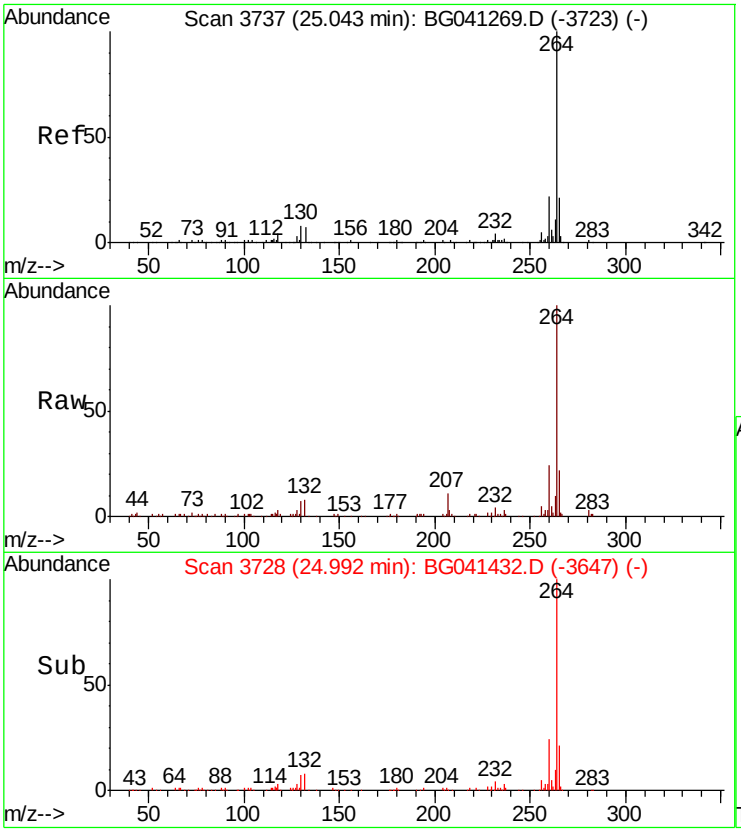


#79
Terphenyl-d14
Concen: 94.232 ng
RT: 20.03 min Scan# 2884
Delta R.T. -0.03 min
Lab File: BG041432.D
Acq: 24 Jun 2019 21:52

Tgt Ion:244 Resp: 1068800

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.6	10.0
122	6.0	5.0	7.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.99 min Scan# 3728
Delta R.T. -0.05 min
Lab File: BG041432.D
Acq: 24 Jun 2019 21:52

Instrument :
BNA_G
ClientSampleId :
GW-B-061919

Tgt Ion:264 Resp: 178889

Ion	Ratio	Lower	Upper
264	100		
260	24.3	17.4	26.2
265	21.6	17.2	25.8