Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062219\
Data File : BG041406.D
Acq On : 22 Jun 2019 16:58
Operator : HP/JU
Sample : K3455-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-1-MH

Quant Time: Jun 24 03:32:21 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	8.05	152	51703	20.00	ng	-0.03
21) Naphthalene-d8	10.87	136	187229	20.00	ng	-0.03
39) Acenaphthene-d10	14.69	164	128912	20.00	ng	-0.03
64) Phenanthrene-d10	17.44	188	355116	20.00	ng	-0.03
76) Chrysene-d12	21.71	240	446523	20.00	ng	-0.03
87) Perylene-d12	24.99	264	472216	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	164880	58.59	ng	-0.03
7) Phenol-d6	7.21	99	206249	50.57	ng	-0.03
23) Nitrobenzene-d5	9.23	82	194707	43.74	ng	-0.03
42) 2,4,6-Tribromophenol	16.18	330	141292	71.39	ng	-0.03
45) 2-Fluorobiphenyl	13.31	172	439600	46.35	ng	-0.03
79) Terphenyl-d14	20.03	244	1009950	44.82	ng	-0.03
Target Compounds						Qvalue

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

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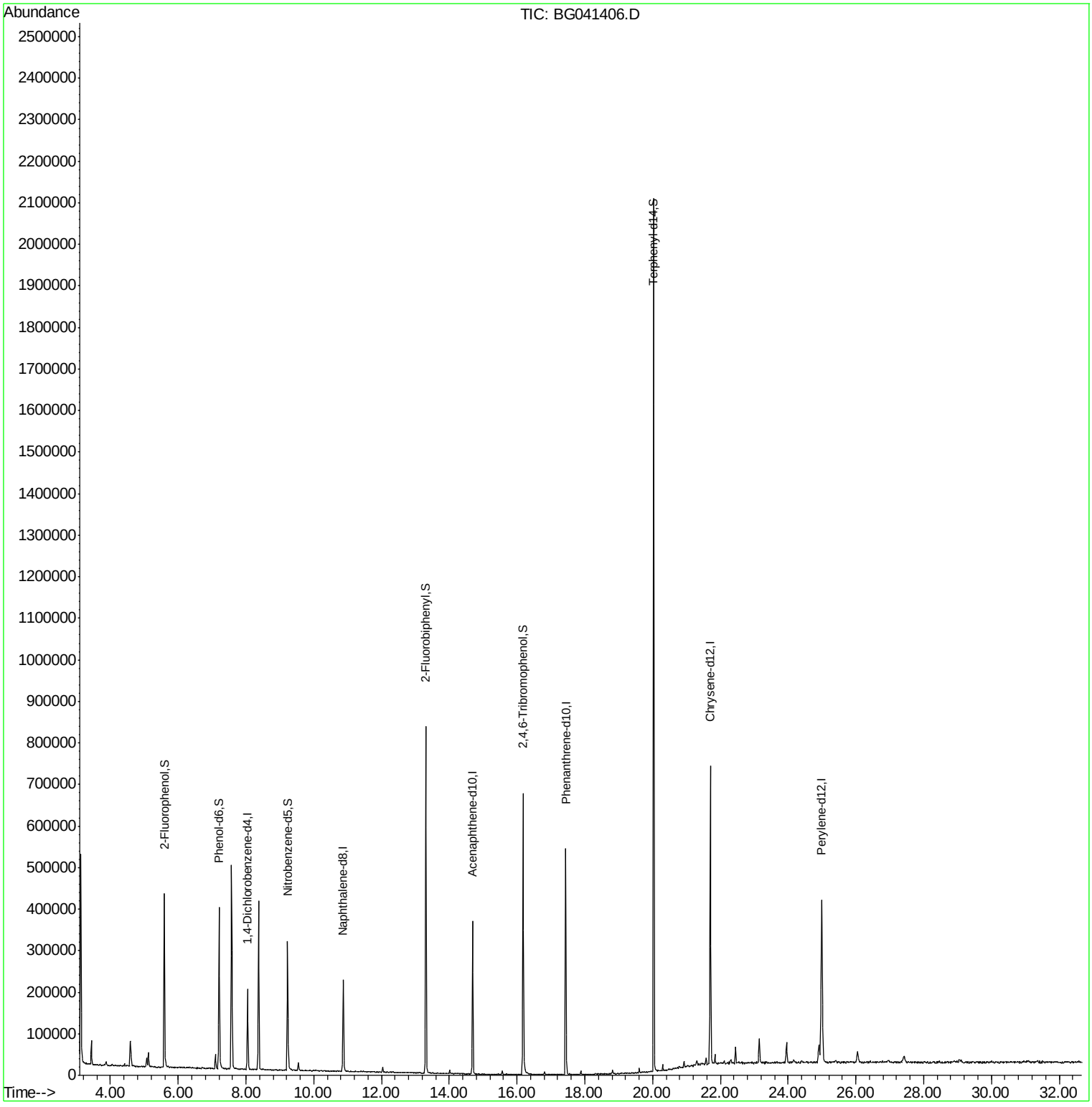
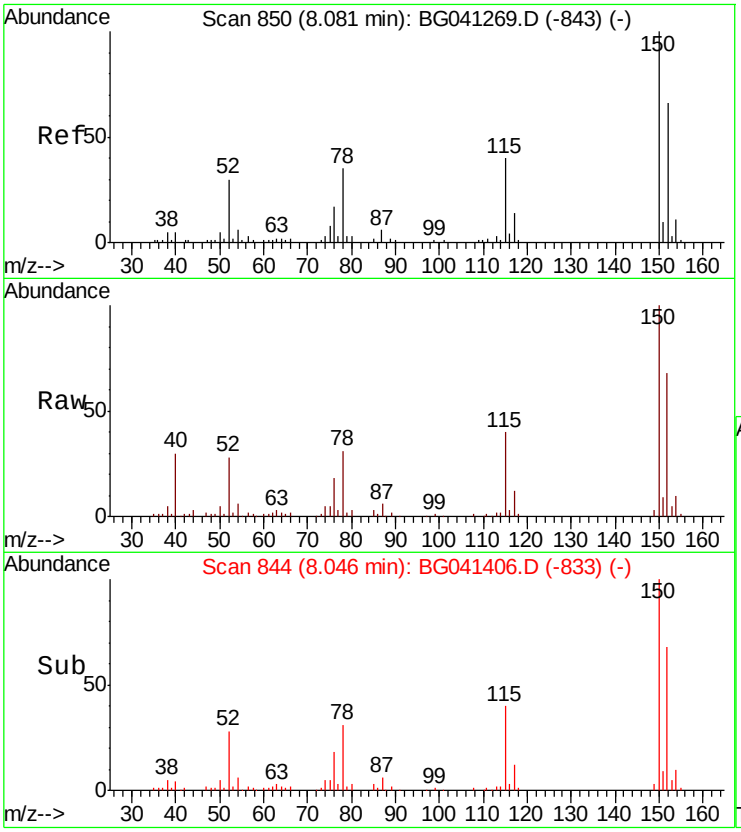


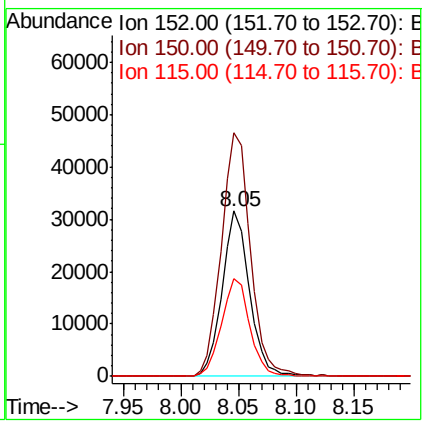


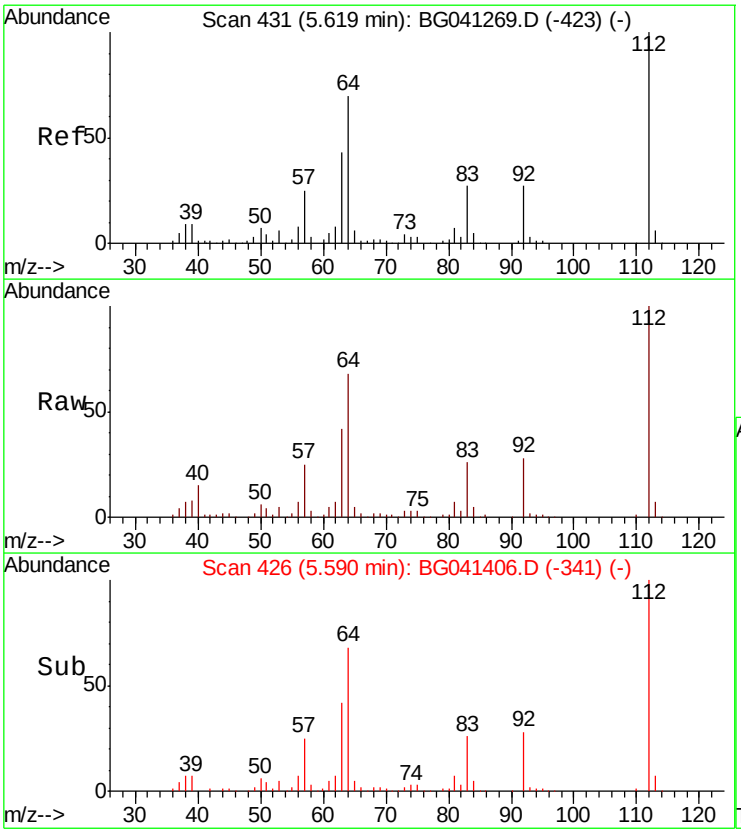
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.03 min
Lab File: BG041406.D
Acq: 22 Jun 2019 16:58

Instrument :
BNA_G
ClientSampleId :
TP-1-MH

Tgt Ion:152 Resp: 51703

Ion	Ratio	Lower	Upper
152	100		
150	147.6	120.6	181.0
115	59.5	47.9	71.9

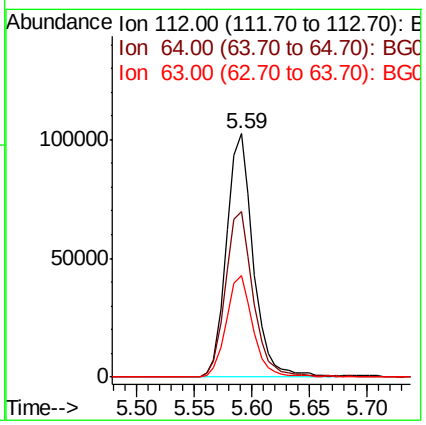


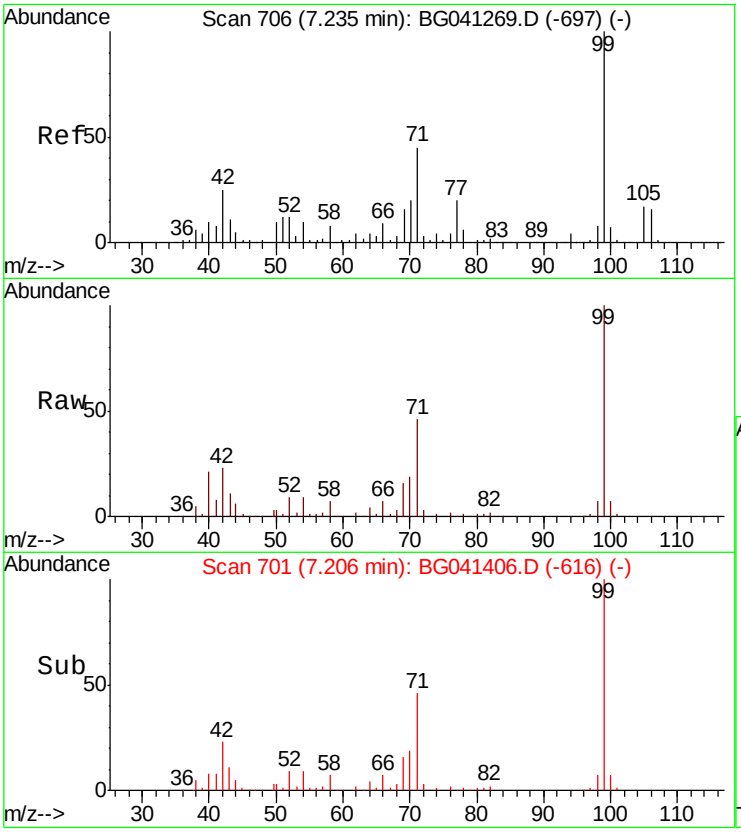


#5
2-Fluorophenol
Concen: 58.595 ng
RT: 5.59 min Scan# 426
Delta R.T. -0.03 min
Lab File: BG041406.D
Acq: 22 Jun 2019 16:58

Tgt Ion:112 Resp: 164880

Ion	Ratio	Lower	Upper
112	100		
64	68.2	55.9	83.9
63	41.5	34.6	51.8



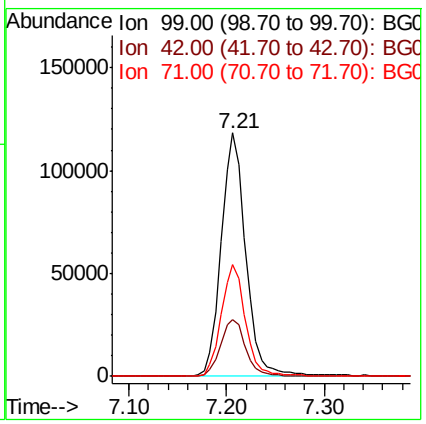


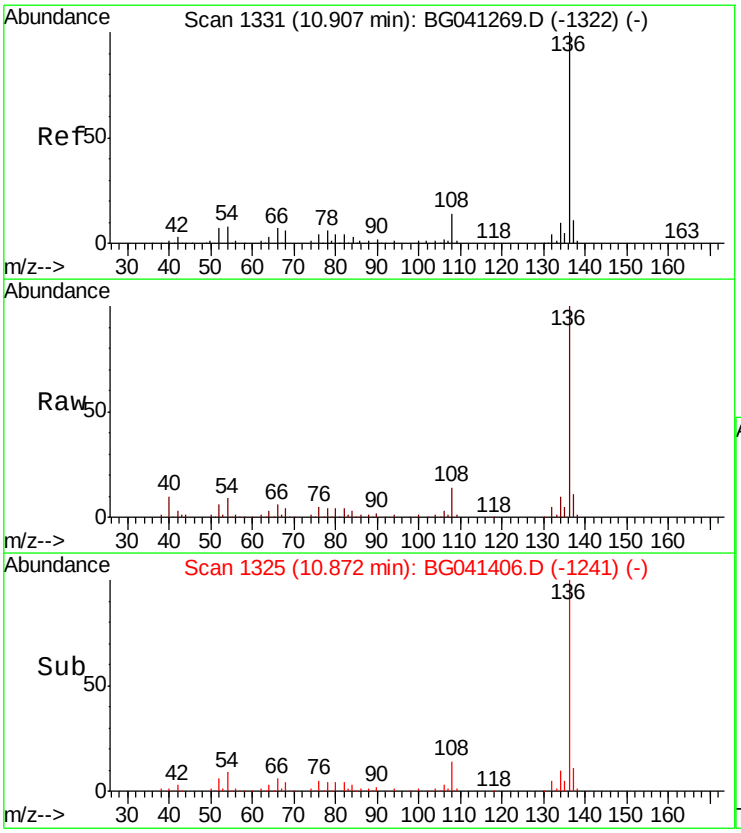
#7
Phenol-d6
Concen: 50.566 ng
RT: 7.21 min Scan# 701
Delta R.T. -0.03 min
Lab File: BG041406.D
Acq: 22 Jun 2019 16:58

Instrument :
BNA_G
ClientSampleId :
TP-1-MH

Tgt Ion: 99 Resp: 206249

Ion	Ratio	Lower	Upper
99	100		
42	23.1	19.9	29.9
71	45.9	36.4	54.6

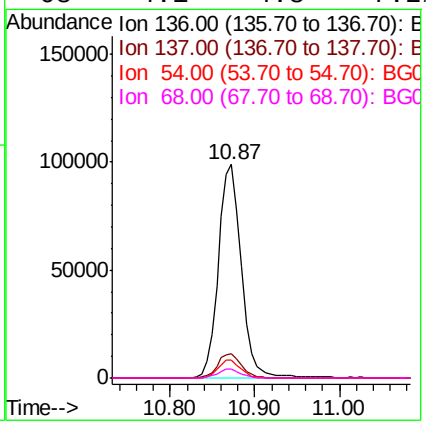


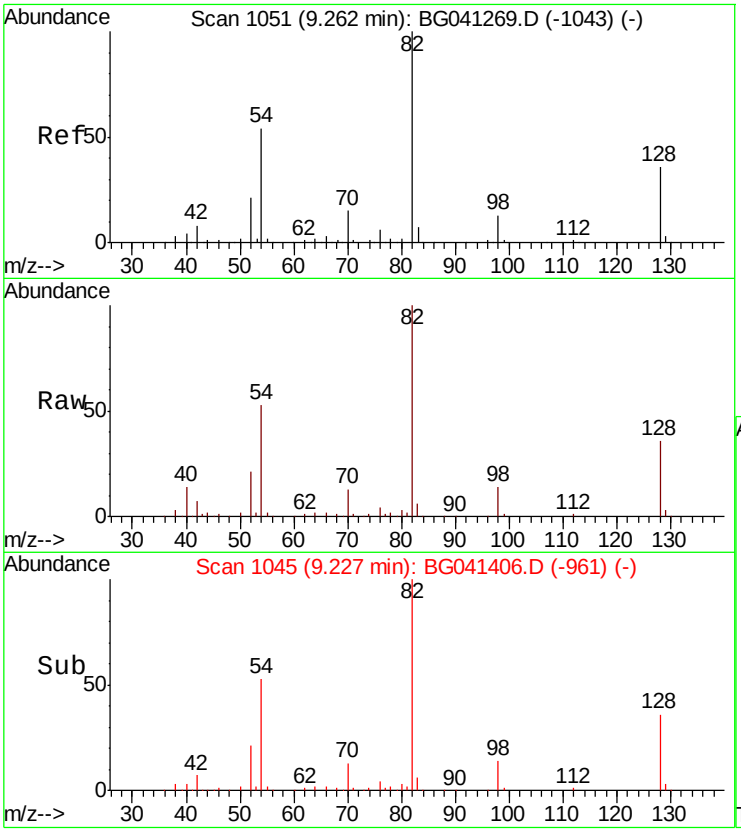


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.03 min
Lab File: BG041406.D
Acq: 22 Jun 2019 16:58

Tgt Ion:136 Resp: 187229

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	8.5	6.4	9.6
68	4.1	4.8	7.2#



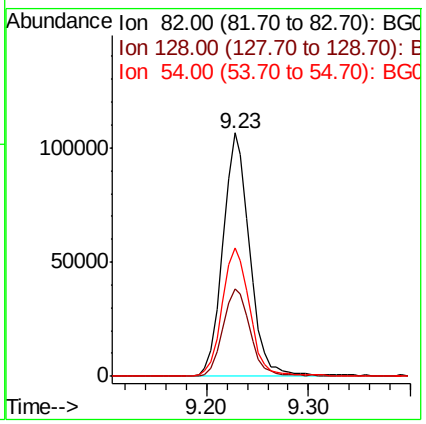


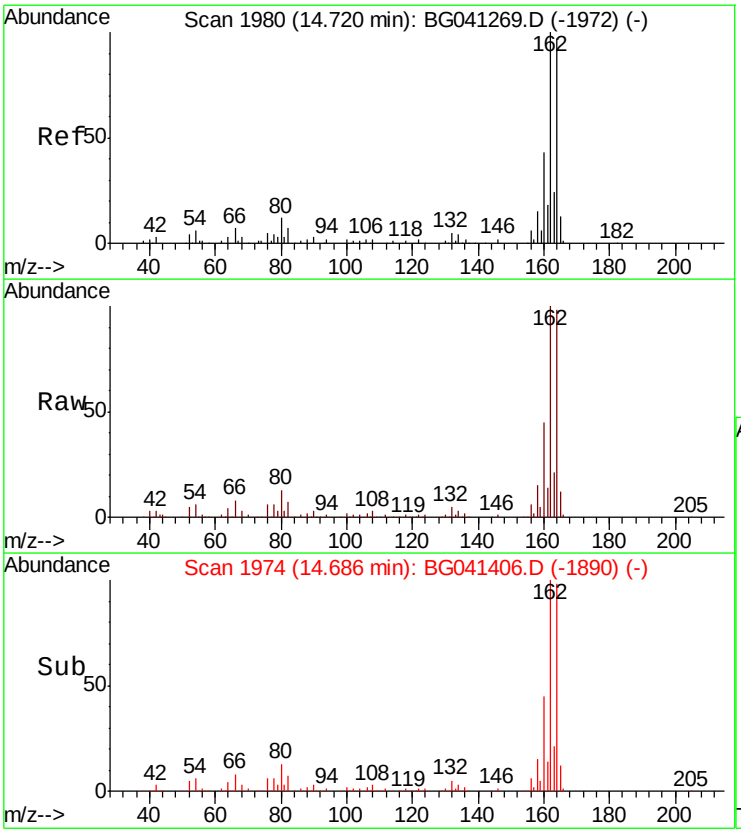
#23
Nitrobenzene-d5
Concen: 43.736 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.03 min
Lab File: BG041406.D
Acq: 22 Jun 2019 16:58

Instrument :
BNA_G
ClientSampleId :
TP-1-MH

Tgt Ion: 82 Resp: 194707

Ion	Ratio	Lower	Upper
82	100		
128	35.9	29.2	43.8
54	52.5	43.4	65.0

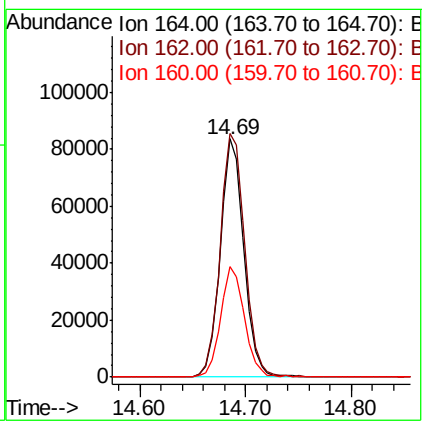


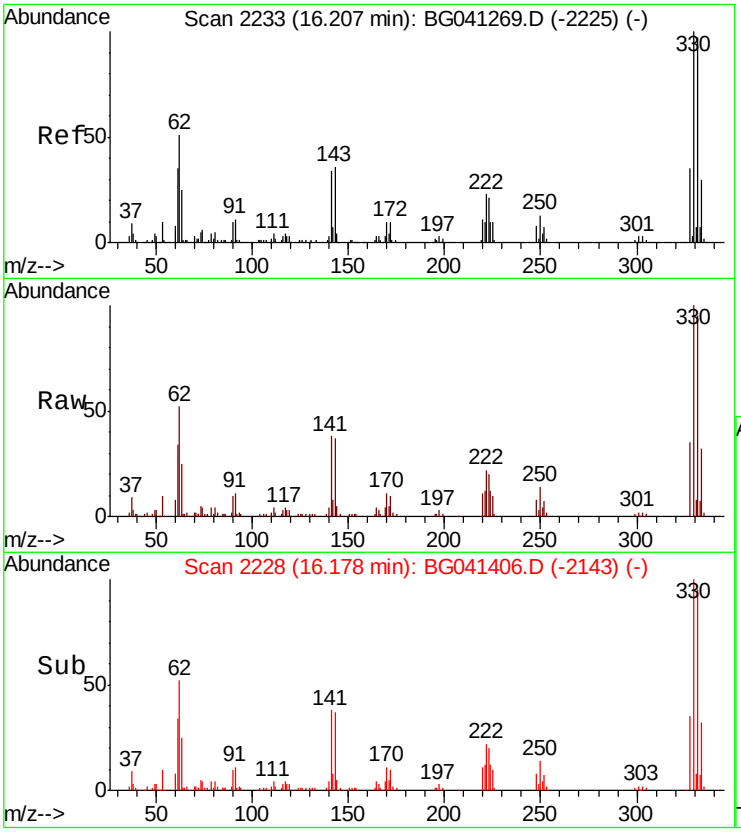


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.03 min
Lab File: BG041406.D
Acq: 22 Jun 2019 16:58

Tgt Ion:164 Resp: 128912

Ion	Ratio	Lower	Upper
164	100		
162	102.3	82.8	124.2
160	46.2	35.8	53.8



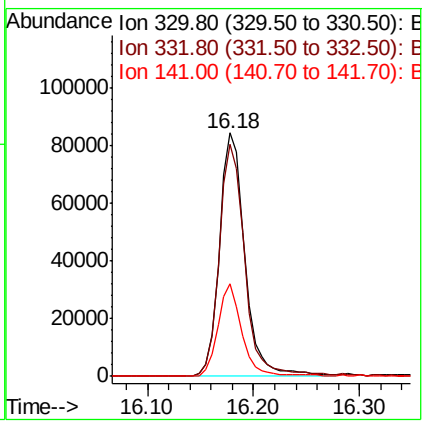


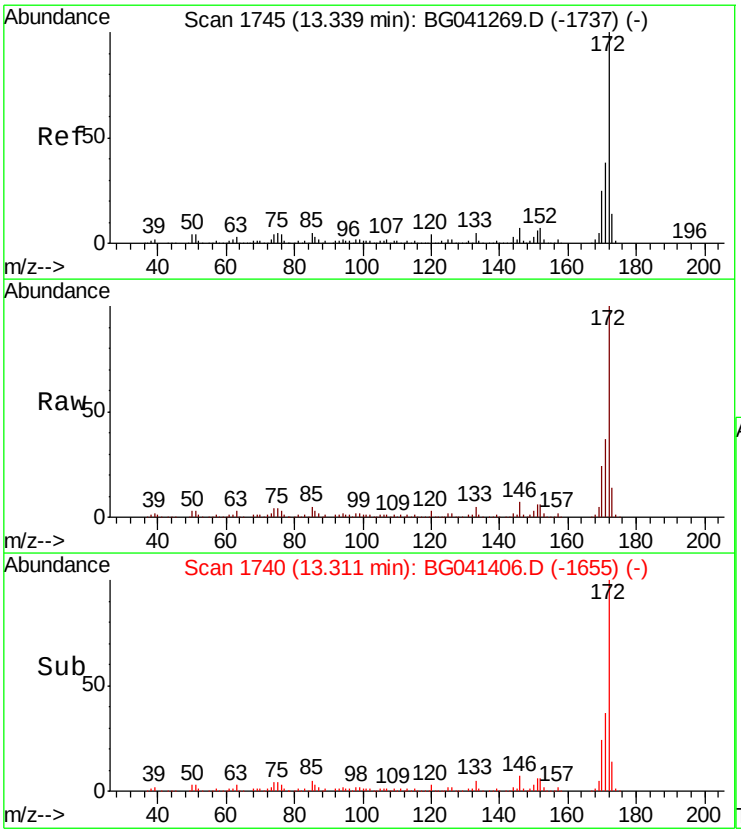
#42
2,4,6-Tribromophenol
Concen: 71.393 ng
RT: 16.18 min Scan# 2228
Delta R.T. -0.03 min
Lab File: BG041406.D
Acq: 22 Jun 2019 16:58

Instrument :
BNA_G
ClientSampleId :
TP-1-MH

Tgt Ion:330 Resp: 141292

Ion	Ratio	Lower	Upper
330	100		
332	95.2	75.5	113.3
141	35.9	29.0	43.4

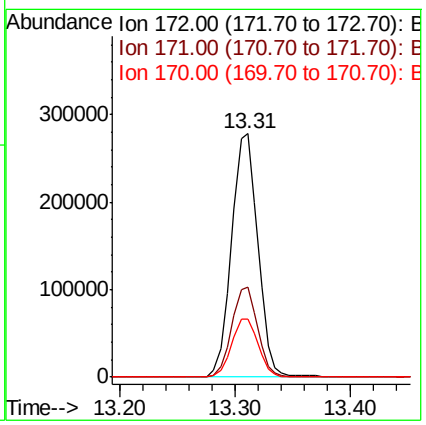


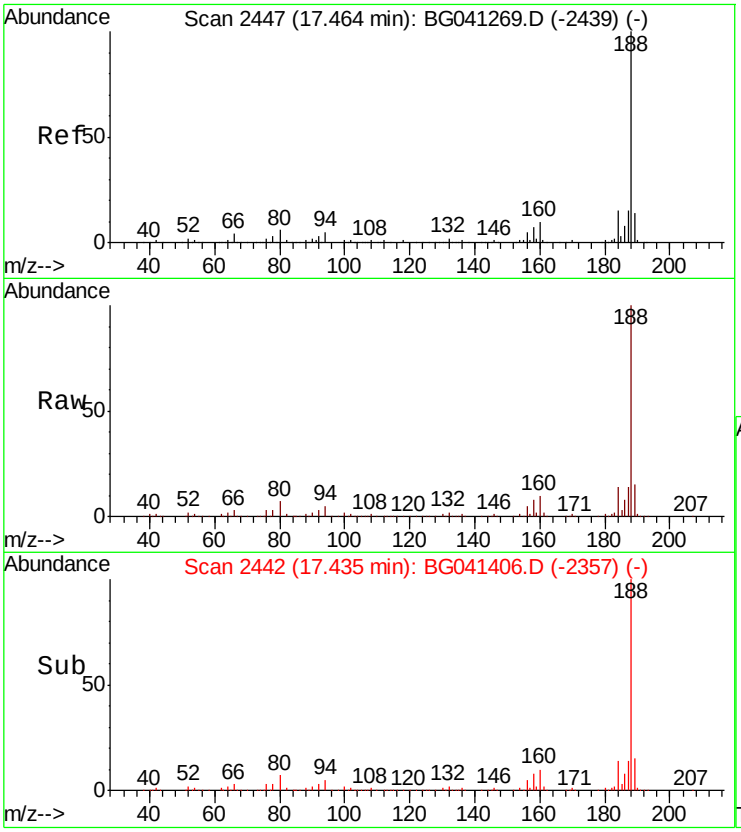


#45
2-Fluorobiphenyl
Concen: 46.348 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.03 min
Lab File: BG041406.D
Acq: 22 Jun 2019 16:58

Tgt Ion:172 Resp: 439600

Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.0	45.0
170	23.7	19.8	29.6



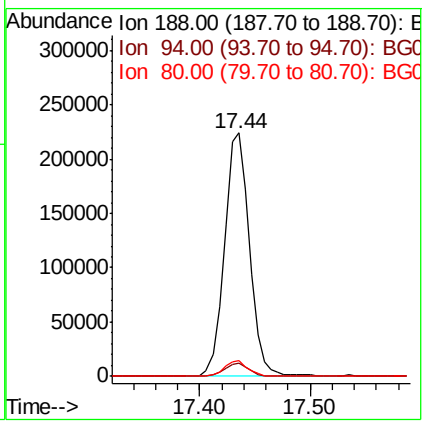


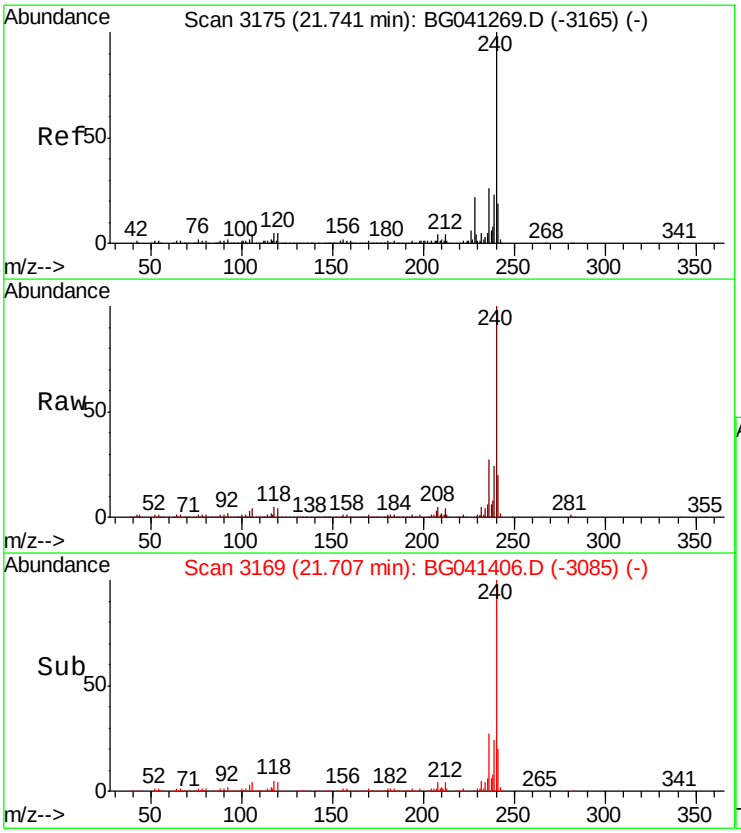
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2442
Delta R.T. -0.03 min
Lab File: BG041406.D
Acq: 22 Jun 2019 16:58

Instrument :
BNA_G
ClientSampleId :
TP-1-MH

Tgt Ion:188 Resp: 355116

Ion	Ratio	Lower	Upper
188	100		
94	5.4	3.6	5.4
80	6.6	4.8	7.2

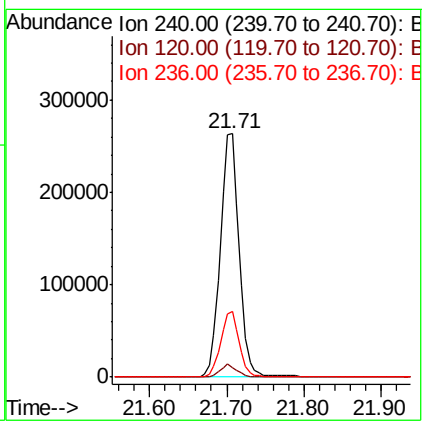


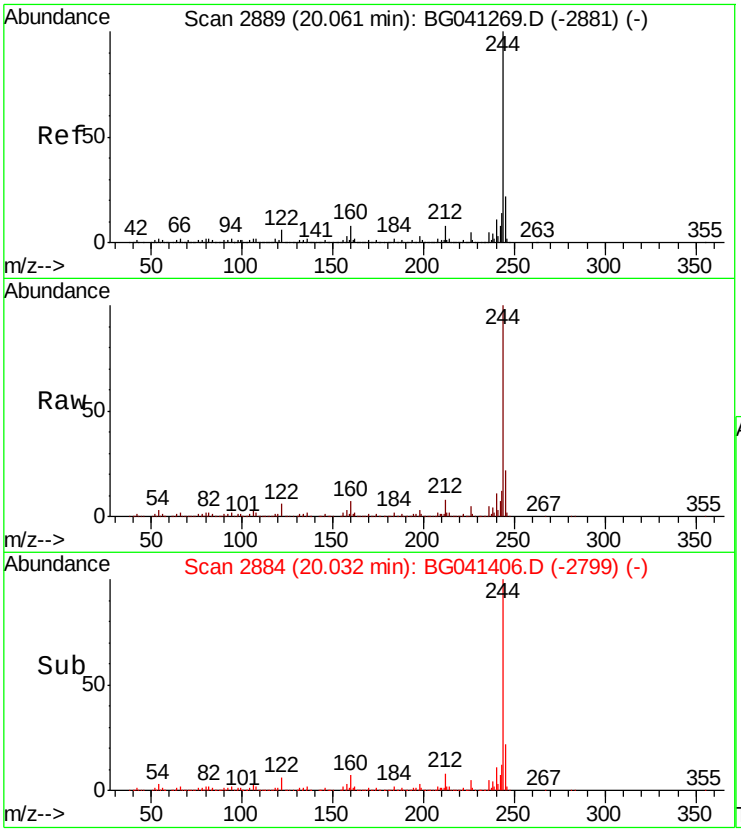


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.71 min Scan# 3169
Delta R.T. -0.03 min
Lab File: BG041406.D
Acq: 22 Jun 2019 16:58

Tgt Ion:240 Resp: 446523

Ion	Ratio	Lower	Upper
240	100		
120	4.0	3.7	5.5
236	26.8	21.1	31.7



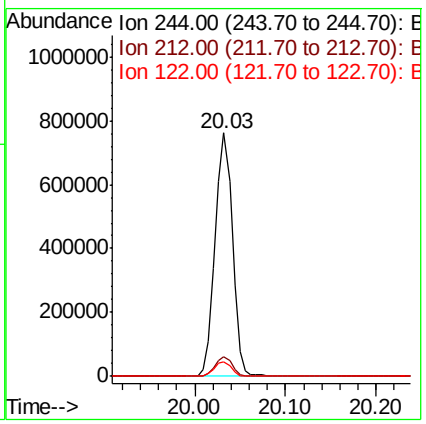


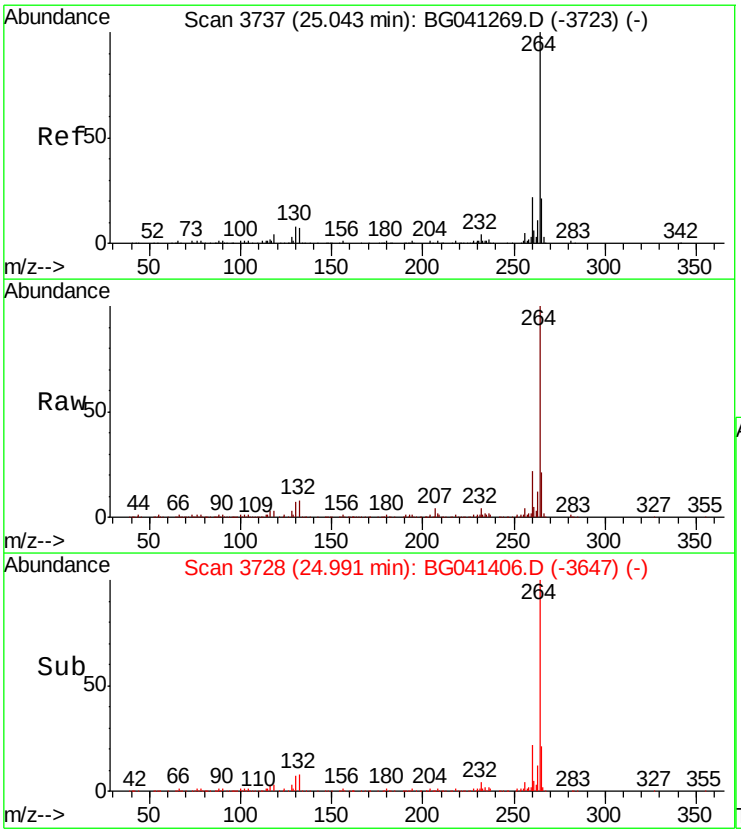
#79
Terphenyl-d14
Concen: 44.824 ng
RT: 20.03 min Scan# 2884
Delta R.T. -0.03 min
Lab File: BG041406.D
Acq: 22 Jun 2019 16:58

Instrument :
BNA_G
ClientSampleId :
TP-1-MH

Tgt Ion:244 Resp: 1009950

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.6	10.0
122	6.1	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: BG041406.D
Acq: 22 Jun 2019 16:58

Tgt Ion:264 Resp: 472216

Ion	Ratio	Lower	Upper
264	100		
260	22.4	17.4	26.2
265	21.5	17.2	25.8