Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101618\
Data File : BG037378.D
Acq On : 17 Oct 2018 6:19
Operator : JU/SJ
Sample : J5198-18
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CL-02-101218-D

Quant Time: Oct 17 07:19:44 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 11 13:59:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	69280	20.00	ng	-0.01
21) Naphthalene-d8	10.93	136	294964	20.00	ng	-0.02
39) Acenaphthene-d10	14.75	164	196879	20.00	ng	-0.01
64) Phenanthrene-d10	17.49	188	503597	20.00	ng	-0.02
76) Chrysene-d12	21.77	240	465791	20.00	ng	-0.02
87) Perylene-d12	25.12	264	460972	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	421518	107.08	ng	0.00
7) Phenol-d6	7.25	99	542553	90.80	ng	0.00
23) Nitrobenzene-d5	9.29	82	376969	84.02	ng	-0.01
42) 2,4,6-Tribromophenol	16.23	330	204753	106.04	ng	-0.01
45) 2-Fluorobiphenyl	13.37	172	915111	69.80	ng	-0.01
79) Terphenyl-d14	20.09	244	1458336	65.74	ng	-0.01
Target Compounds						Qvalue
31) Naphthalene	10.98	128	30059	2.097	ng	98

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

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Misc :
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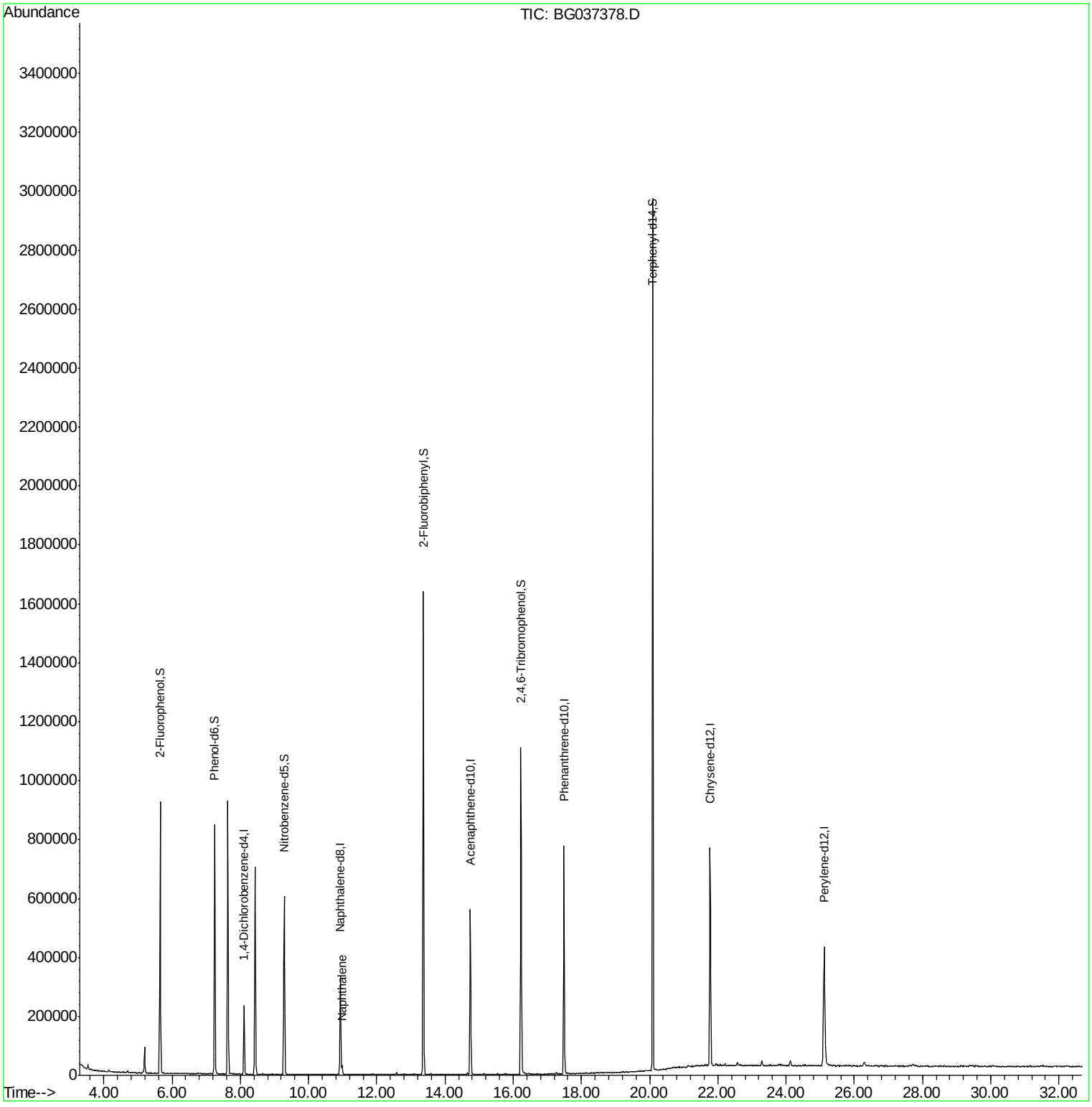
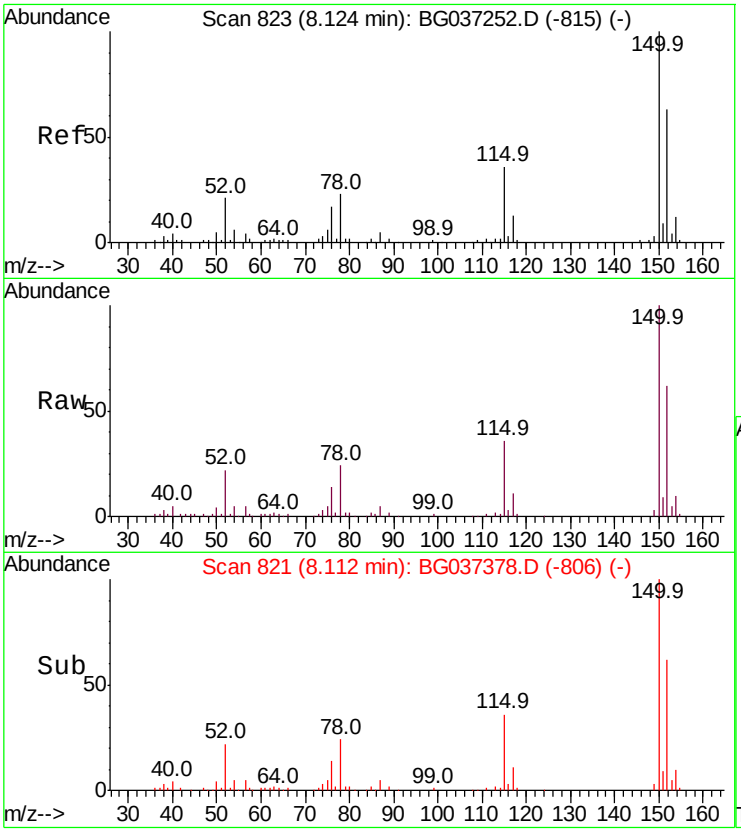
BNA_G
ClientSampleId :
CL-02-101218-D

Quant Time: Oct 17 07:19:44 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 11 13:59:58 2018
Response via : Initial Calibration



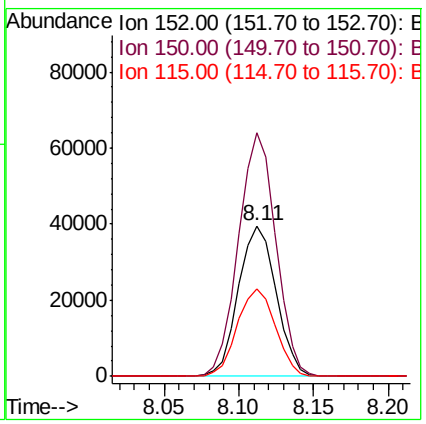


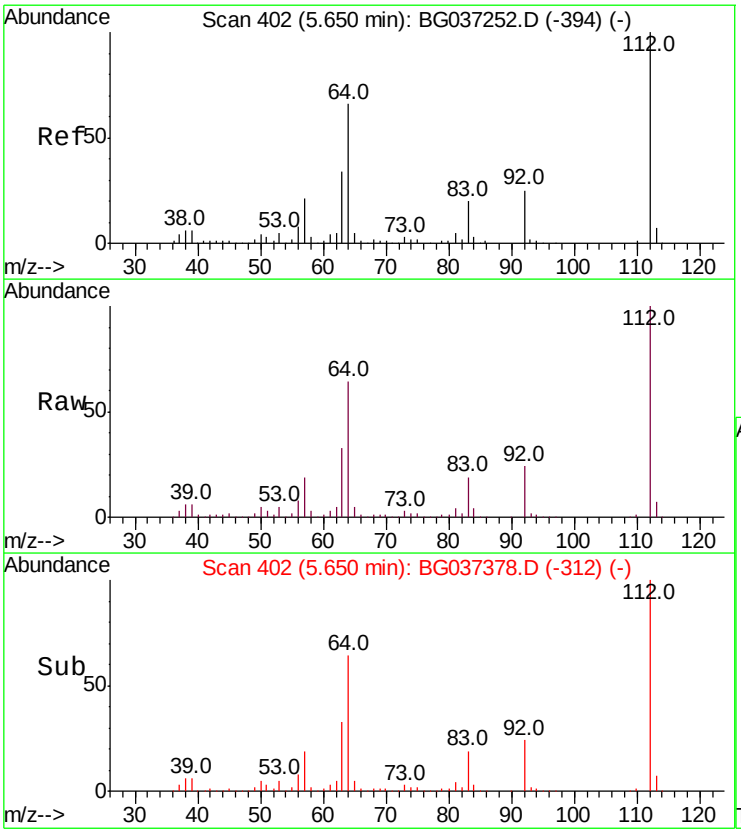
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 821
Delta R.T. -0.01 min
Lab File: BG037378.D
Acq: 17 Oct 2018 6:19

Instrument :
BNA_G
ClientSampleId :
CL-02-101218-D

Tgt Ion:152 Resp: 69280

Ion	Ratio	Lower	Upper
152	100		
150	161.5	126.0	189.0
115	58.4	45.5	68.3

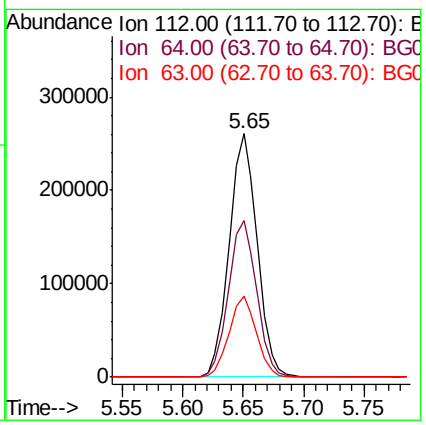


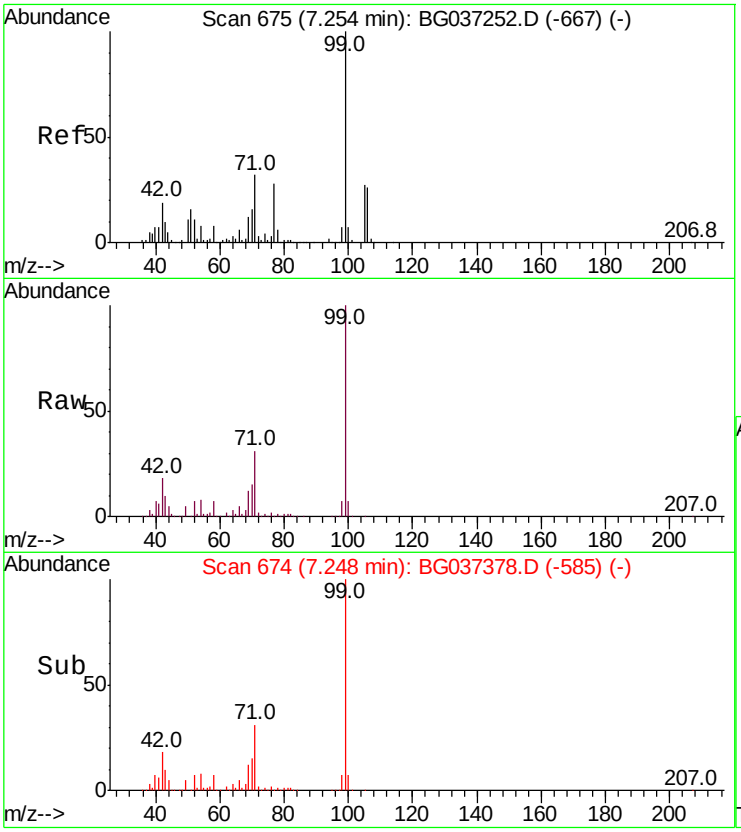


#5
2-Fluorophenol
Concen: 107.077 ng
RT: 5.65 min Scan# 402
Delta R.T. 0.00 min
Lab File: BG037378.D
Acq: 17 Oct 2018 6:19

Tgt Ion:112 Resp: 421518

Ion	Ratio	Lower	Upper
112	100		
64	64.2	53.1	79.7
63	33.2	27.3	40.9



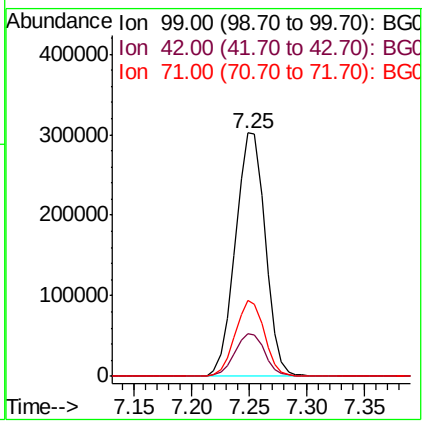


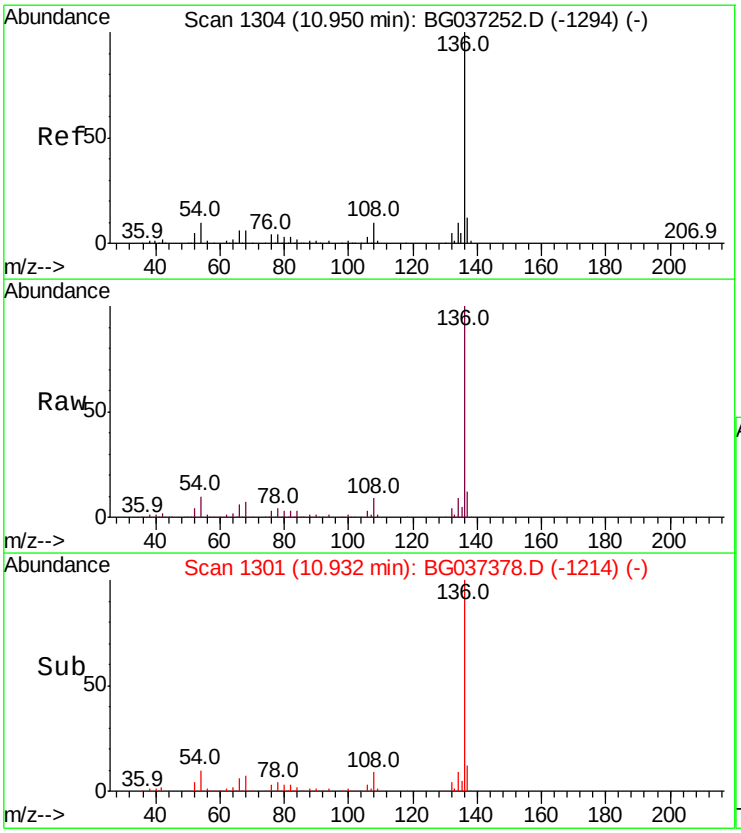
#7
Phenol-d6
Concen: 90.803 ng
RT: 7.25 min Scan# 674
Delta R.T. -0.01 min
Lab File: BG037378.D
Acq: 17 Oct 2018 6:19

Instrument :
BNA_G
ClientSampleId :
CL-02-101218-D

Tgt Ion: 99 Resp: 542553

Ion	Ratio	Lower	Upper
99	100		
42	17.7	15.0	22.4
71	31.4	25.5	38.3

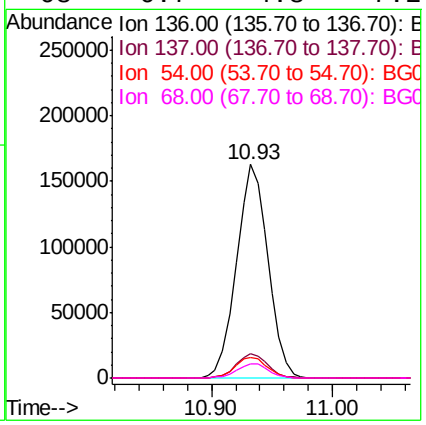


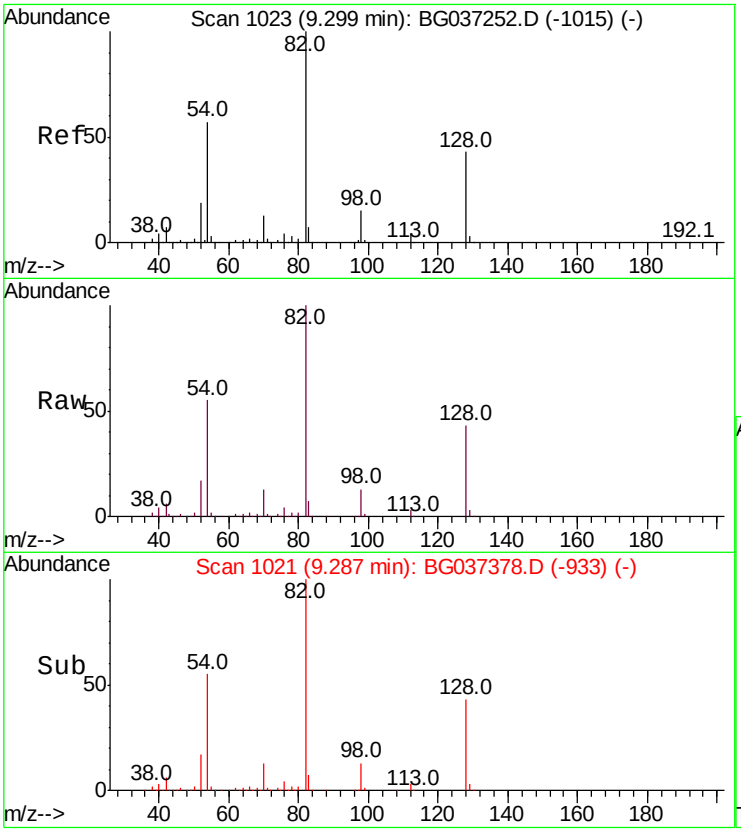


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BG037378.D
Acq: 17 Oct 2018 6:19

Tgt Ion:136 Resp: 294964

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.6	14.4
54	9.8	7.9	11.9
68	6.7	4.8	7.2



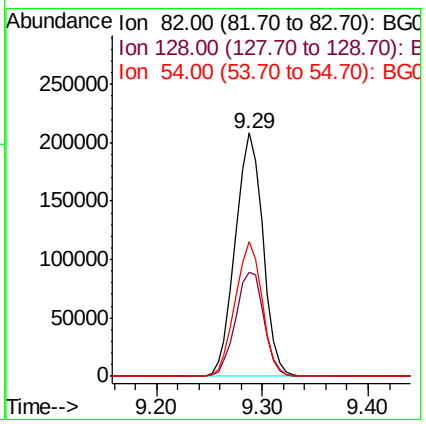


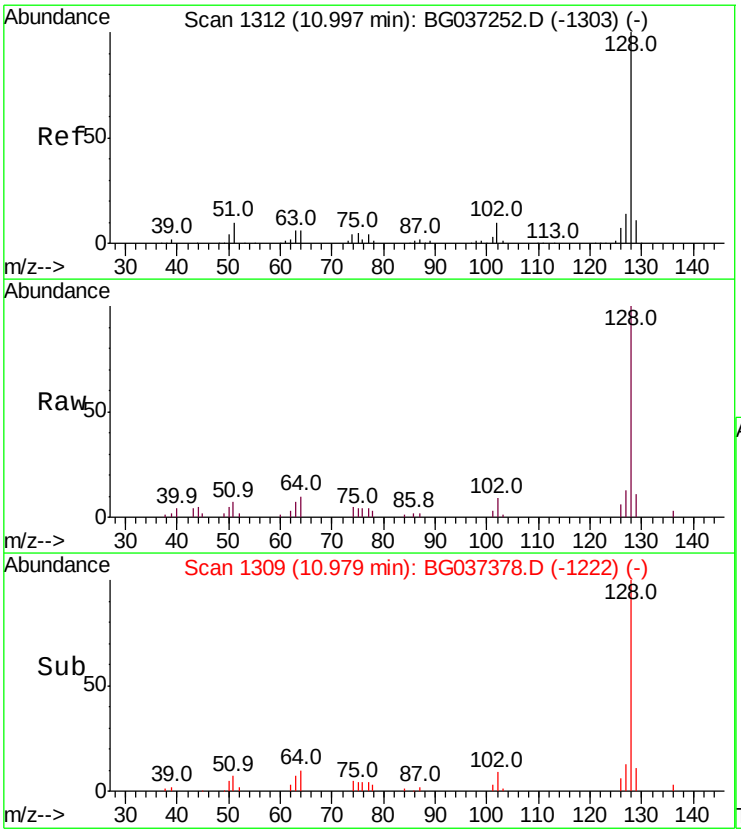
#23
Nitrobenzene-d5
Concen: 84.023 ng
RT: 9.29 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BG037378.D
Acq: 17 Oct 2018 6:19

Instrument :
BNA_G
ClientSampleId :
CL-02-101218-D

Tgt Ion: 82 Resp: 376969

Ion	Ratio	Lower	Upper
82	100		
128	42.7	34.6	51.8
54	55.3	45.3	67.9

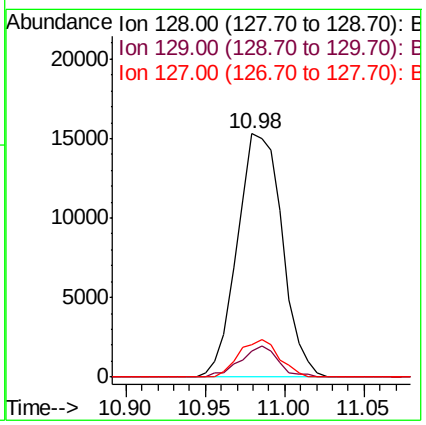


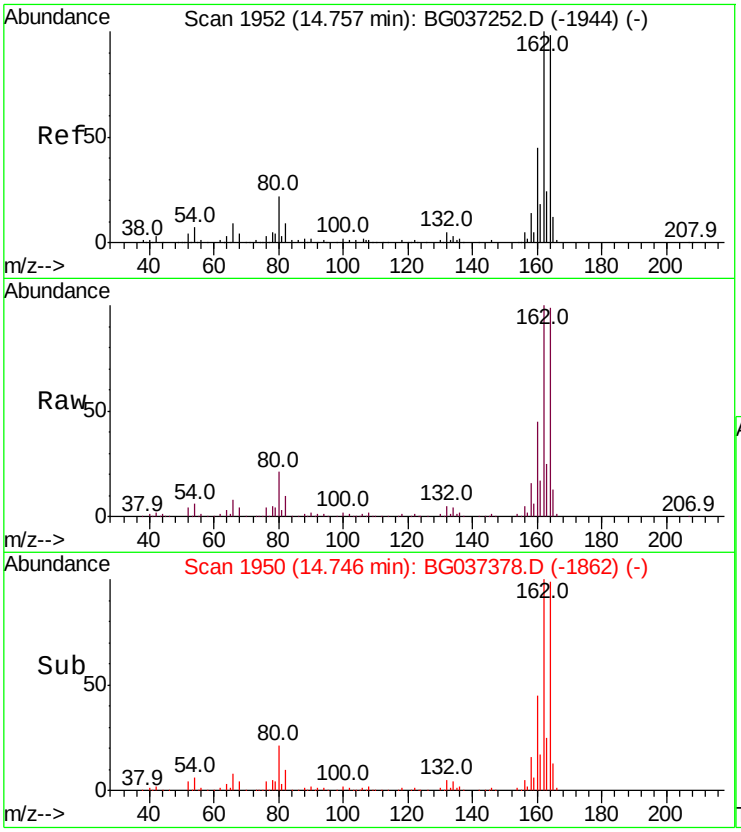


#31
Naphthalene
Concen: 2.097 ng
RT: 10.98 min Scan# 1309
Delta R.T. -0.02 min
Lab File: BG037378.D
Acq: 17 Oct 2018 6:19

Tgt Ion:128 Resp: 30059

Ion	Ratio	Lower	Upper
128	100		
129	10.7	9.0	13.6
127	13.2	11.1	16.7



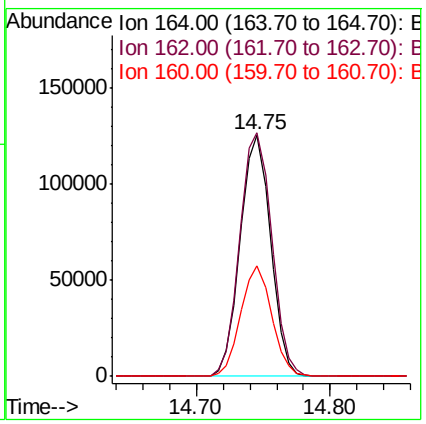


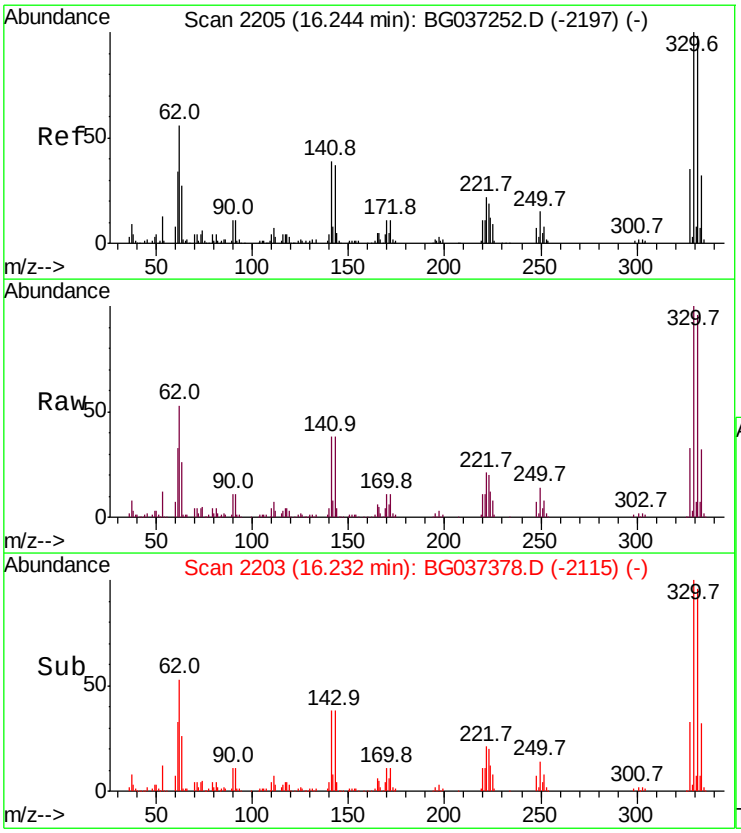
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BG037378.D
Acq: 17 Oct 2018 6:19

Instrument :
BNA_G
ClientSampleId :
CL-02-101218-D

Tgt Ion:164 Resp: 196879

Ion	Ratio	Lower	Upper
164	100		
162	100.9	81.3	121.9
160	45.5	36.3	54.5

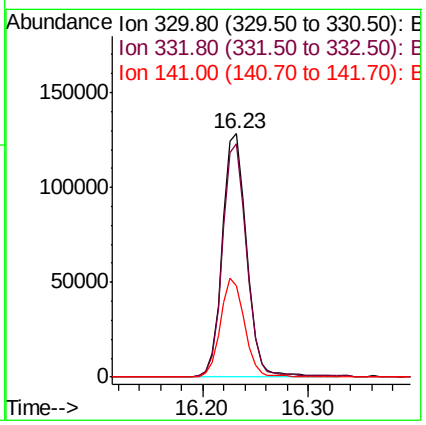


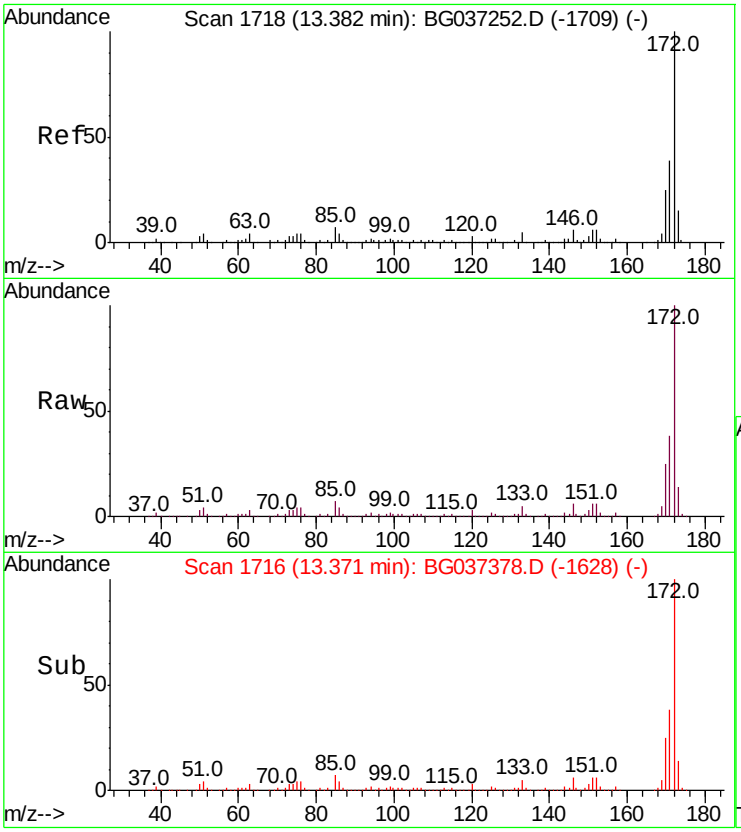


#42
2,4,6-Tribromophenol
Concen: 106.044 ng
RT: 16.23 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BG037378.D
Acq: 17 Oct 2018 6:19

Tgt Ion:330 Resp: 204753

Ion	Ratio	Lower	Upper
330	100		
332	95.4	78.4	117.6
141	40.5	32.2	48.2



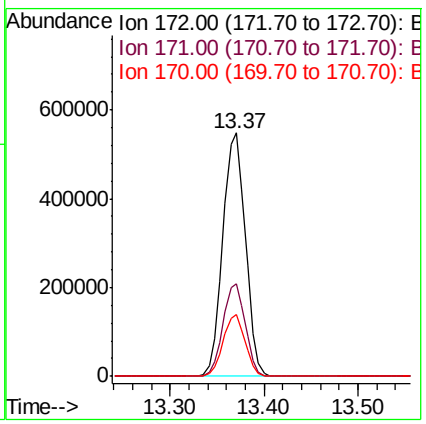


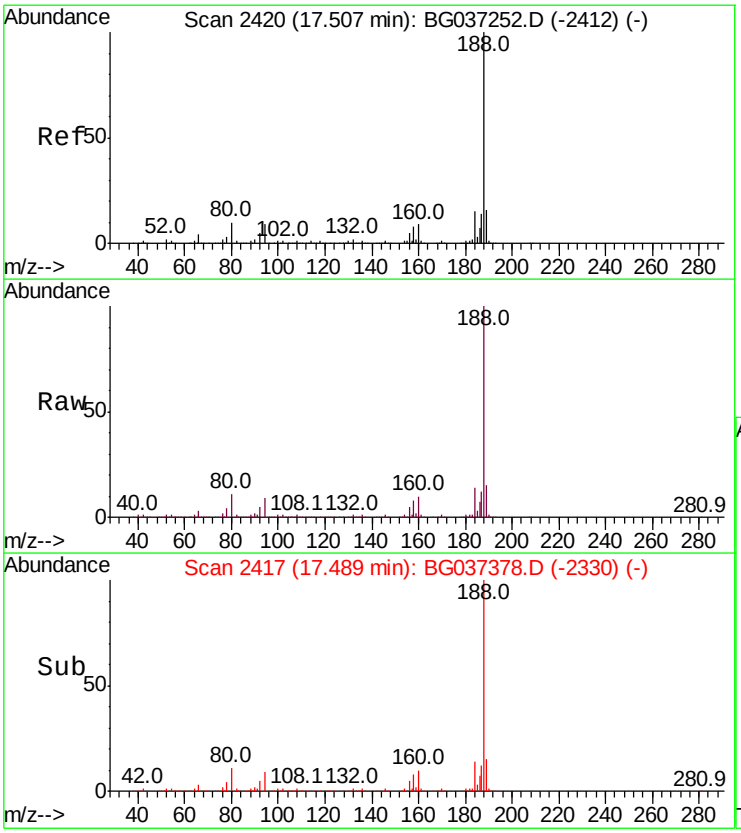
#45
2-Fluorobiphenyl
Concen: 69.803 ng
RT: 13.37 min Scan# 1716
Delta R.T. -0.01 min
Lab File: BG037378.D
Acq: 17 Oct 2018 6:19

Instrument :
BNA_G
ClientSampleId :
CL-02-101218-D

Tgt Ion:172 Resp: 915111

Ion	Ratio	Lower	Upper
172	100		
171	38.1	31.0	46.4
170	25.2	20.2	30.2

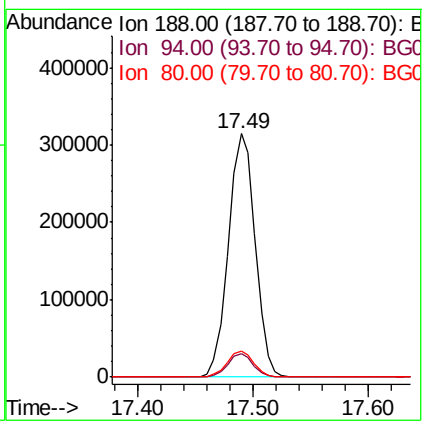


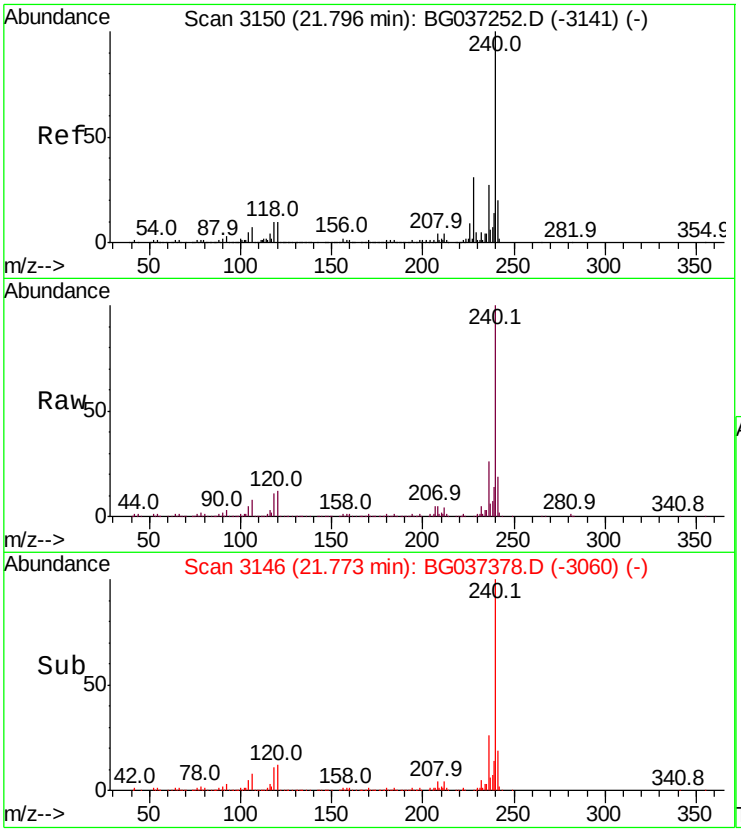


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2417
Delta R.T. -0.02 min
Lab File: BG037378.D
Acq: 17 Oct 2018 6:19

Tgt Ion:188 Resp: 503597

Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.2	10.8
80	10.8	7.7	11.5



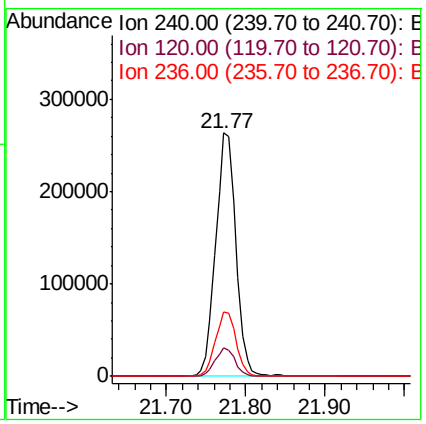


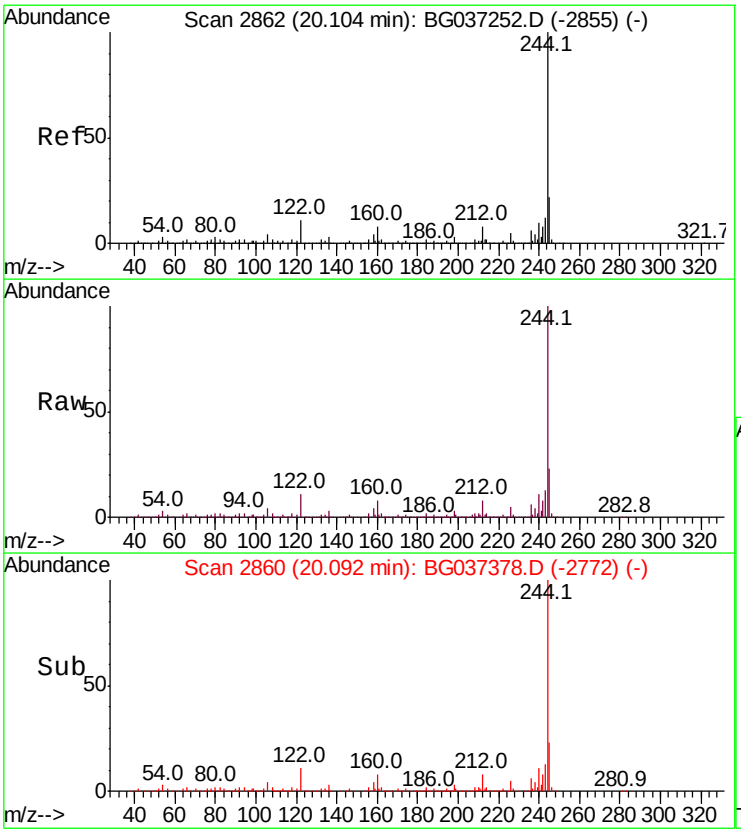
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3146
Delta R.T. -0.02 min
Lab File: BG037378.D
Acq: 17 Oct 2018 6:19

Instrument :
BNA_G
ClientSampleId :
CL-02-101218-D

Tgt Ion:240 Resp: 465791

Ion	Ratio	Lower	Upper
240	100		
120	11.9	8.1	12.1
236	26.5	21.4	32.0

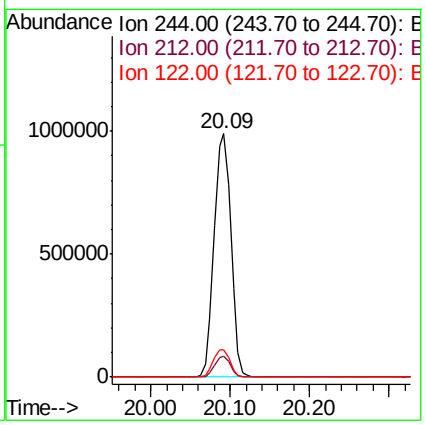


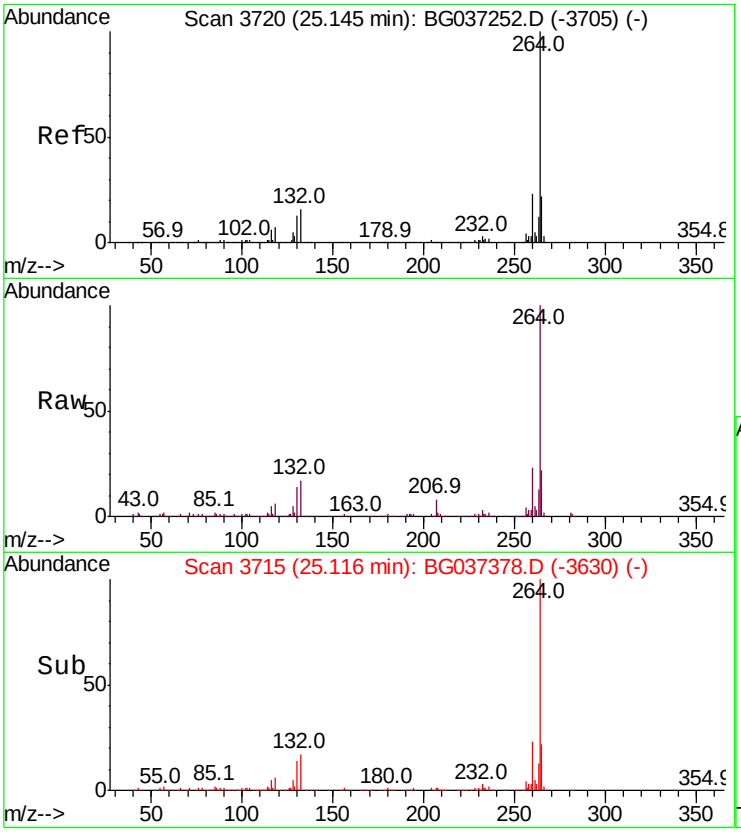


#79
Terphenyl-d14
Concen: 65.741 ng
RT: 20.09 min Scan# 2860
Delta R.T. -0.01 min
Lab File: BG037378.D
Acq: 17 Oct 2018 6:19

Tgt Ion:244 Resp: 1458336

Ion	Ratio	Lower	Upper
244	100		
212	8.5	6.5	9.7
122	11.4	9.0	13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.12 min Scan# 3715
Delta R.T. -0.03 min
Lab File: BG037378.D
Acq: 17 Oct 2018 6:19

Instrument :
BNA_G
ClientSampleId :
CL-02-101218-D

Tgt Ion:264 Resp: 460972

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.2	27.4
265	22.3	17.9	26.9