Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110218\
Data File : BG037789.D
Acq On : 3 Nov 2018 13:39
Operator : JU/SJ
Sample : J5755-08
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-2A-S

Quant Time: Nov 05 05:22:16 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 18 14:06:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	57936	20.00	ng	-0.01
21) Naphthalene-d8	10.91	136	260407	20.00	ng	-0.01
39) Acenaphthene-d10	14.73	164	174255	20.00	ng	-0.01
64) Phenanthrene-d10	17.48	188	380986	20.00	ng	0.00
76) Chrysene-d12	21.76	240	348962	20.00	ng	-0.01
87) Perylene-d12	25.10	264	257589	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	384775	111.03	ng	0.00
7) Phenol-d6	7.24	99	516614	98.59	ng	0.00
23) Nitrobenzene-d5	9.28	82	386034	83.04	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	185586	97.65	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	960816	83.15	ng	-0.01
79) Terphenyl-d14	20.08	244	1356669	83.07	ng	0.00
Target Compounds						Qvalue

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

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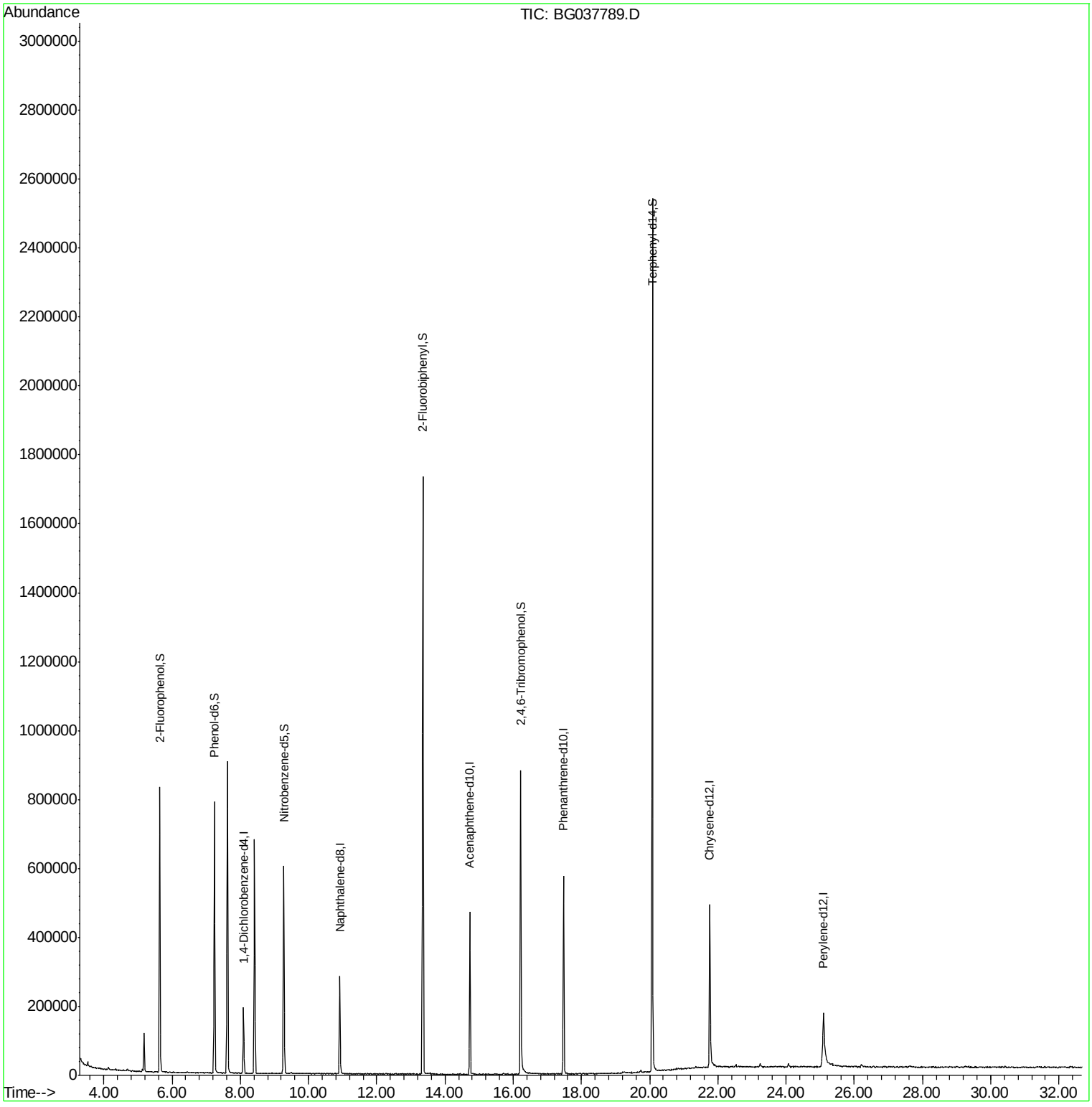
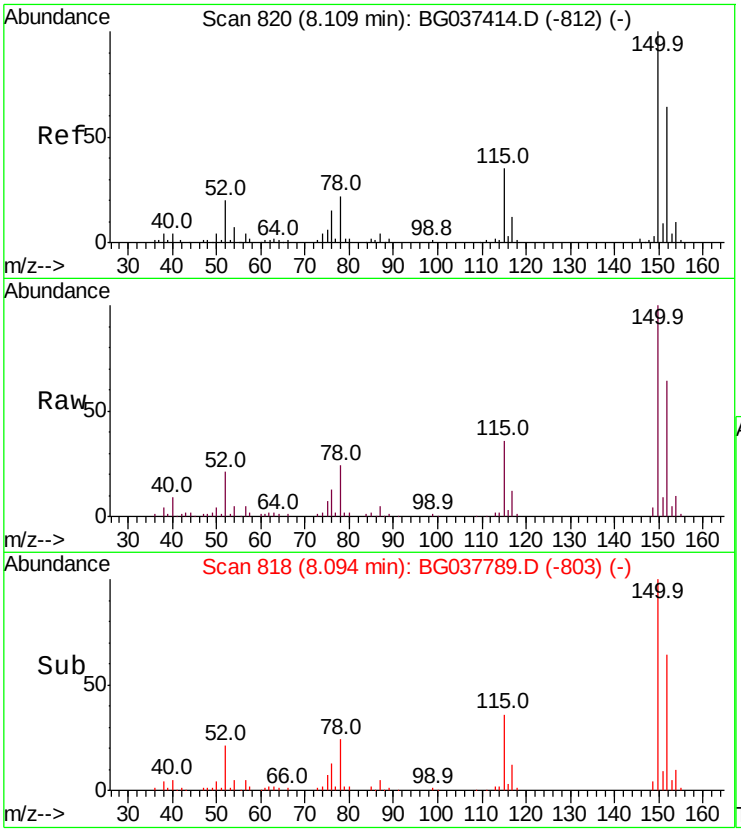


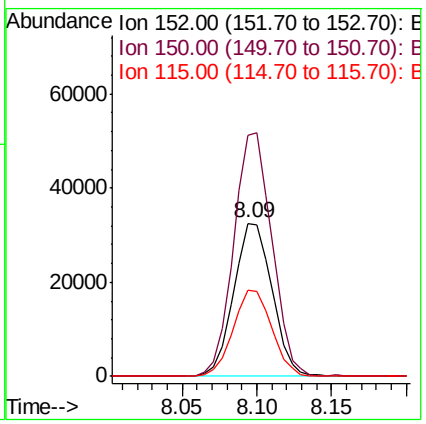


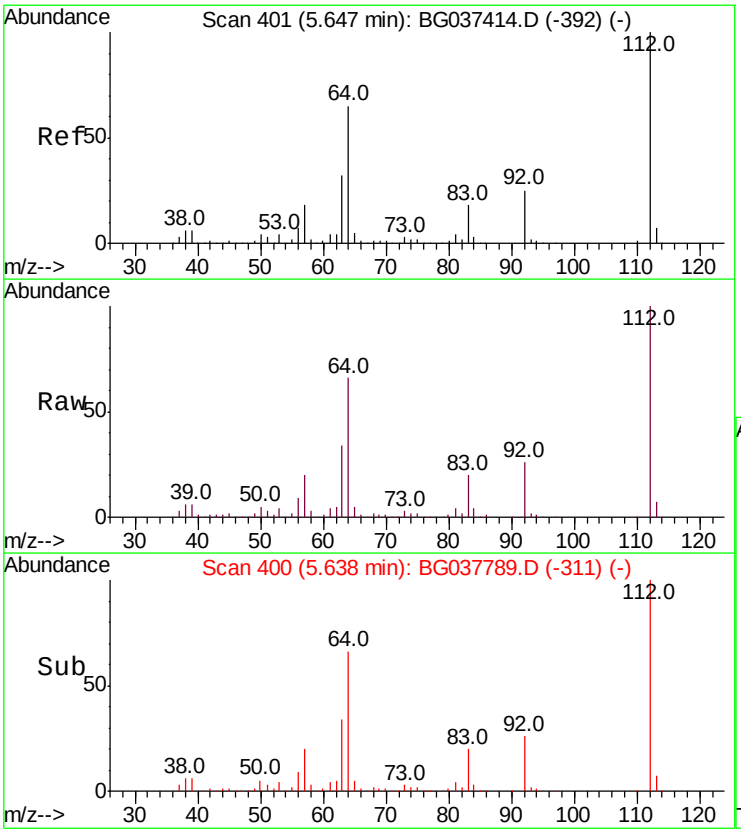
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG037789.D
Acq: 3 Nov 2018 13:39

Instrument :
BNA_G
ClientSampleId :
TP-2A-S

Tgt Ion:152 Resp: 57936

Ion	Ratio	Lower	Upper
152	100		
150	157.3	126.0	189.0
115	56.3	45.5	68.3

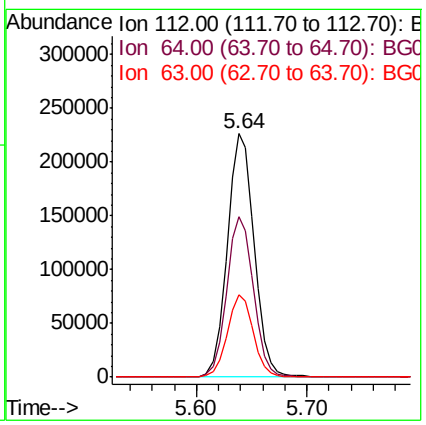


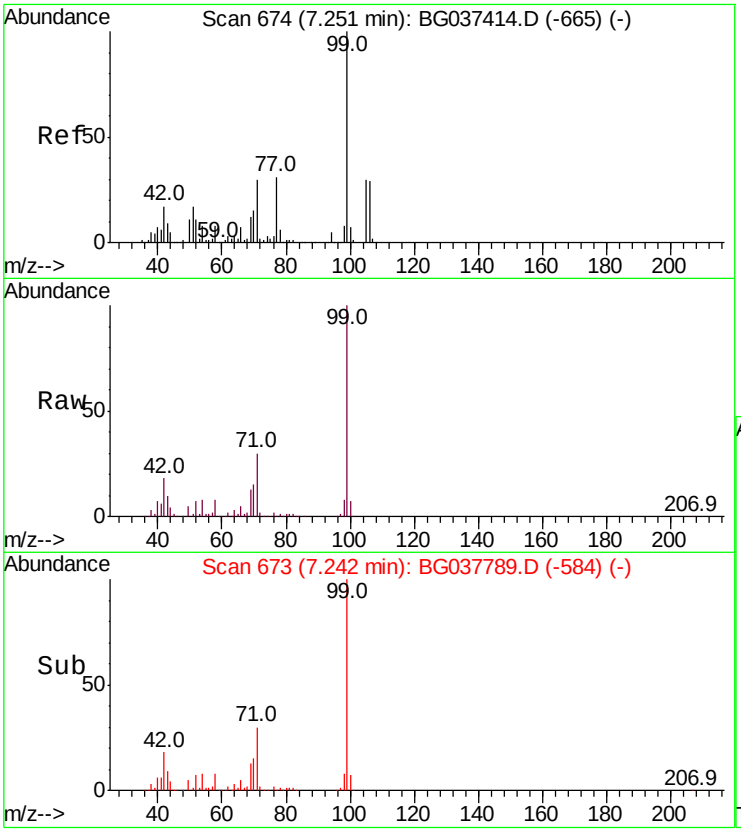


#5
2-Fluorophenol
Concen: 111.034 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037789.D
Acq: 3 Nov 2018 13:39

Tgt Ion:112 Resp: 384775

Ion	Ratio	Lower	Upper
112	100		
64	66.1	53.1	79.7
63	33.9	27.3	40.9



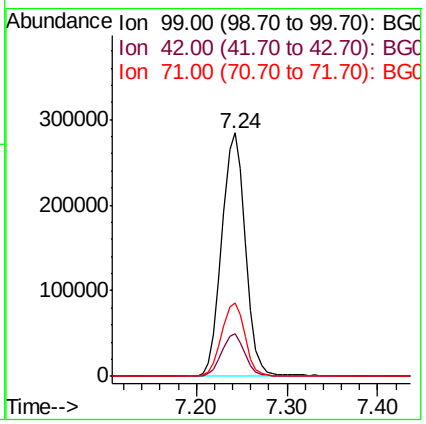


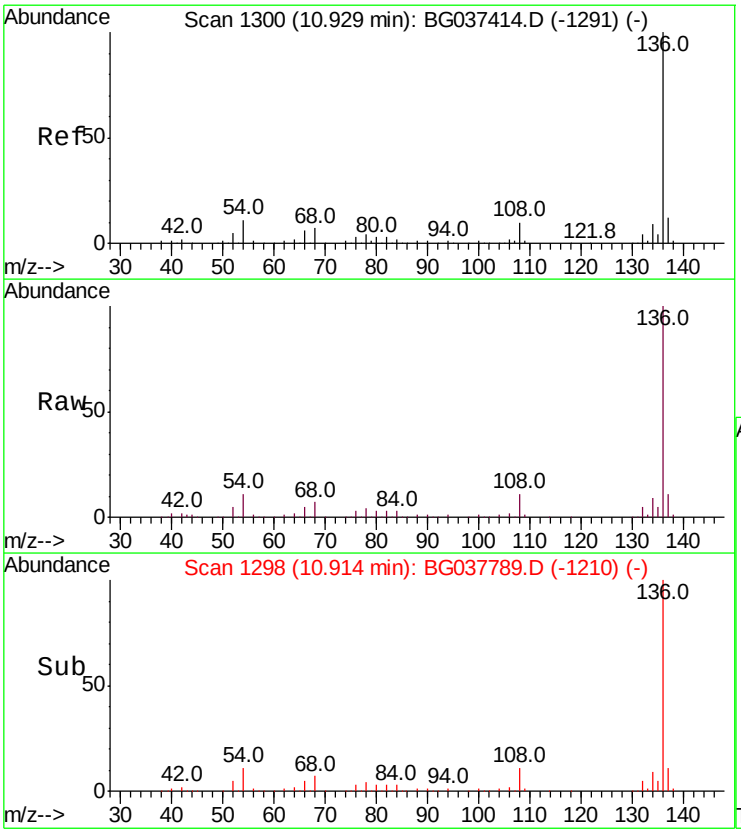
#7
Phenol-d6
Concen: 98.589 ng
RT: 7.24 min Scan# 673
Delta R.T. -0.01 min
Lab File: BG037789.D
Acq: 3 Nov 2018 13:39

Instrument :
BNA_G
ClientSampleId :
TP-2A-S

Tgt Ion: 99 Resp: 516614

Ion	Ratio	Lower	Upper
99	100		
42	17.7	15.0	22.4
71	30.3	25.5	38.3

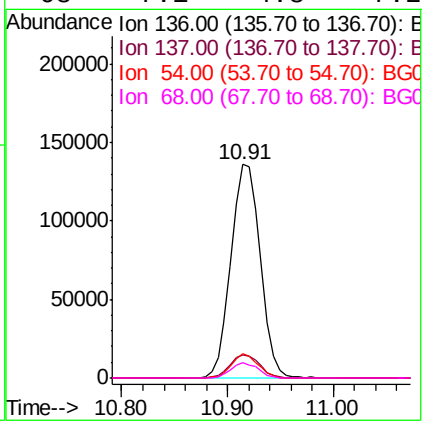


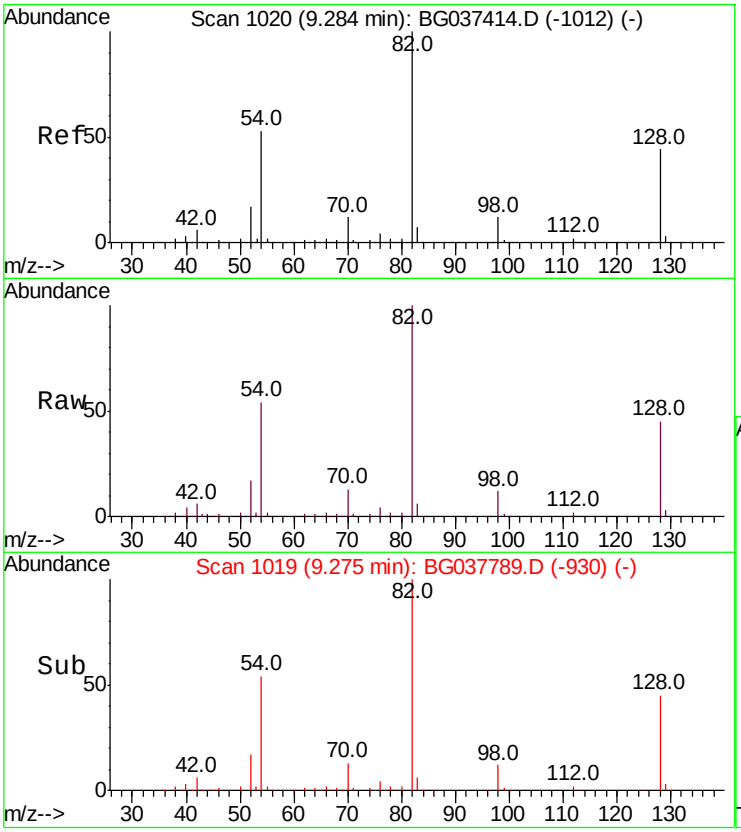


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BG037789.D
Acq: 3 Nov 2018 13:39

Tgt Ion:136 Resp: 260407

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.6	14.4
54	11.2	7.9	11.9
68	7.1	4.8	7.2



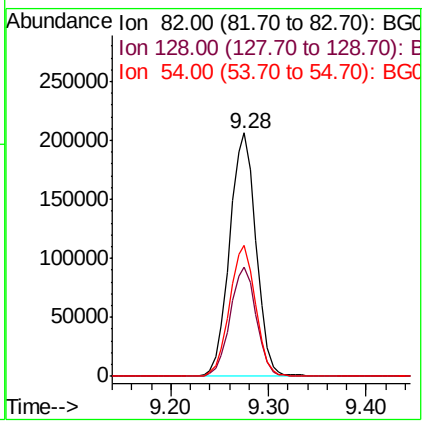


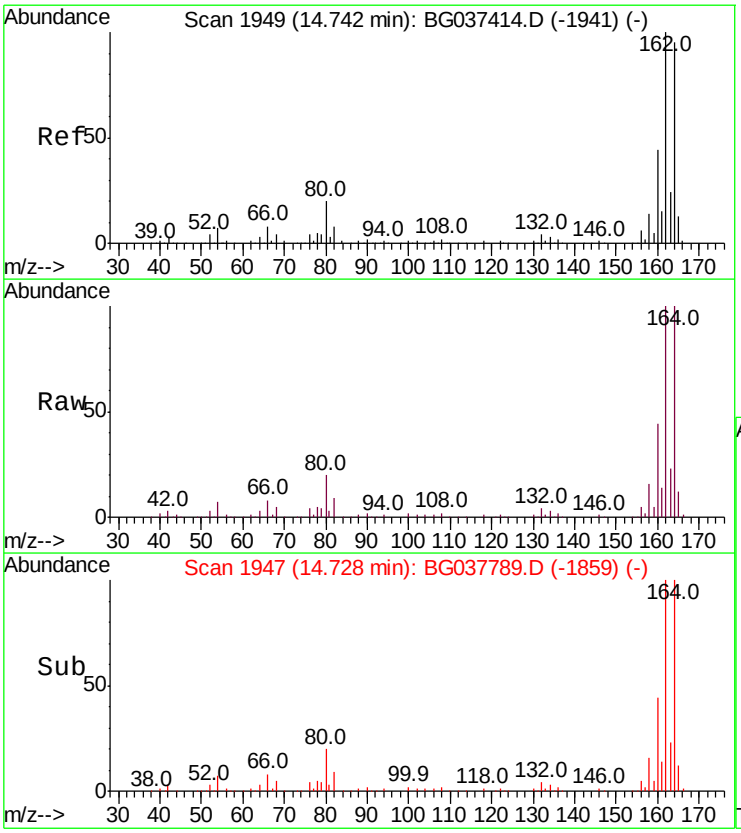
#23
Nitrobenzene-d5
Concen: 83.044 ng
RT: 9.28 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037789.D
Acq: 3 Nov 2018 13:39

Instrument :
BNA_G
ClientSampleId :
TP-2A-S

Tgt Ion: 82 Resp: 386034

Ion	Ratio	Lower	Upper
82	100		
128	44.9	34.6	51.8
54	53.8	45.3	67.9

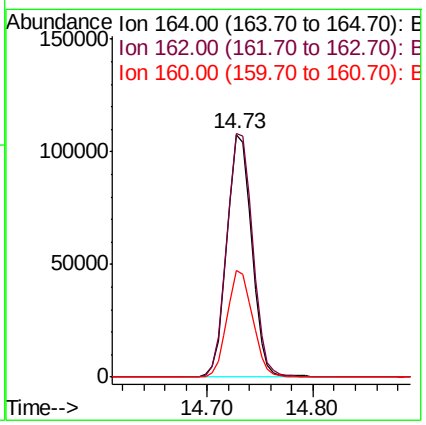


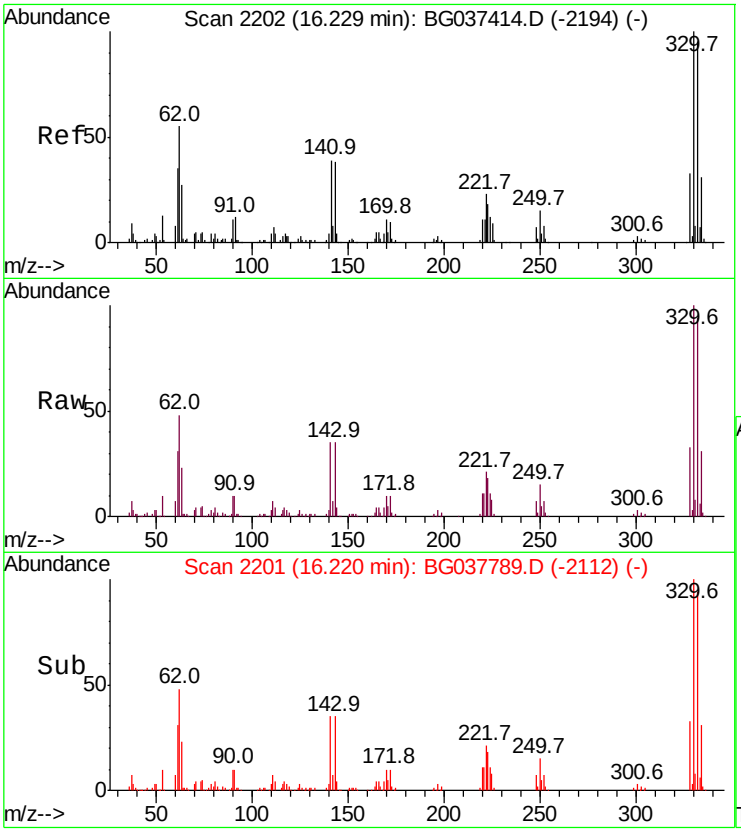


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1947
Delta R.T. -0.01 min
Lab File: BG037789.D
Acq: 3 Nov 2018 13:39

Tgt Ion:164 Resp: 174255

Ion	Ratio	Lower	Upper
164	100		
162	100.4	81.3	121.9
160	44.2	36.3	54.5



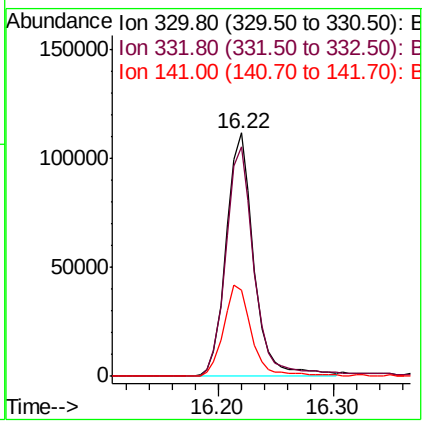


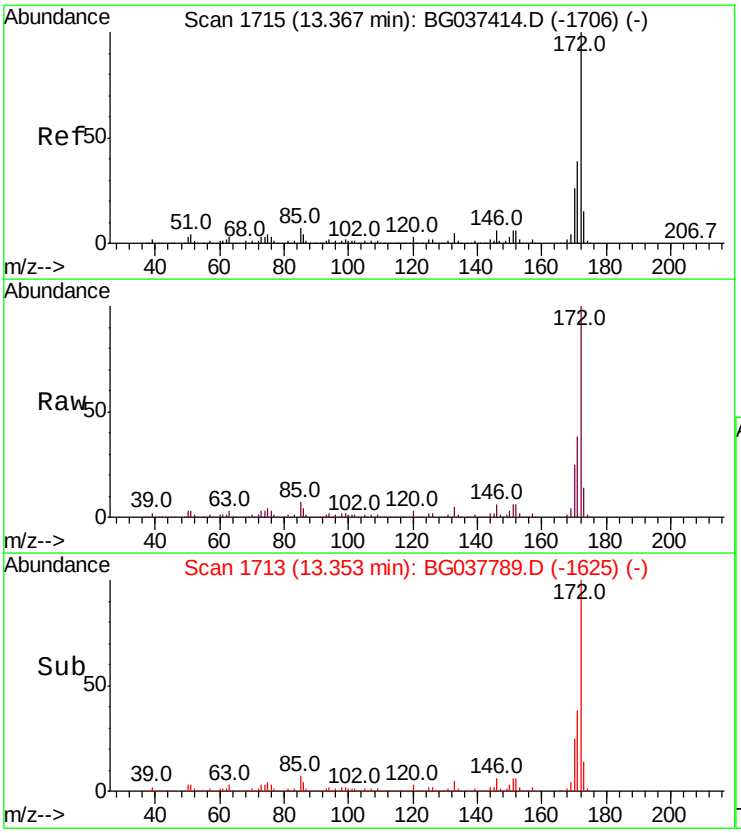
#42
2,4,6-Tribromophenol
Concen: 97.647 ng
RT: 16.22 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BG037789.D
Acq: 3 Nov 2018 13:39

Instrument :
BNA_G
ClientSampleId :
TP-2A-S

Tgt Ion:330 Resp: 185586

Ion	Ratio	Lower	Upper
330	100		
332	97.0	78.4	117.6
141	38.1	32.2	48.2

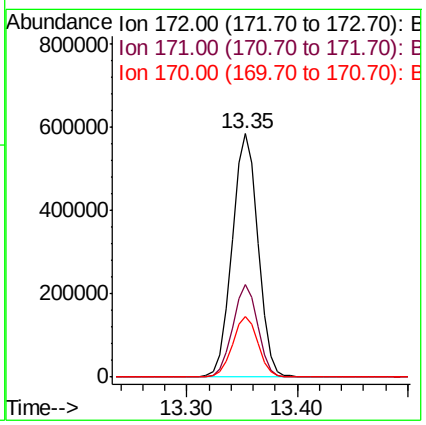


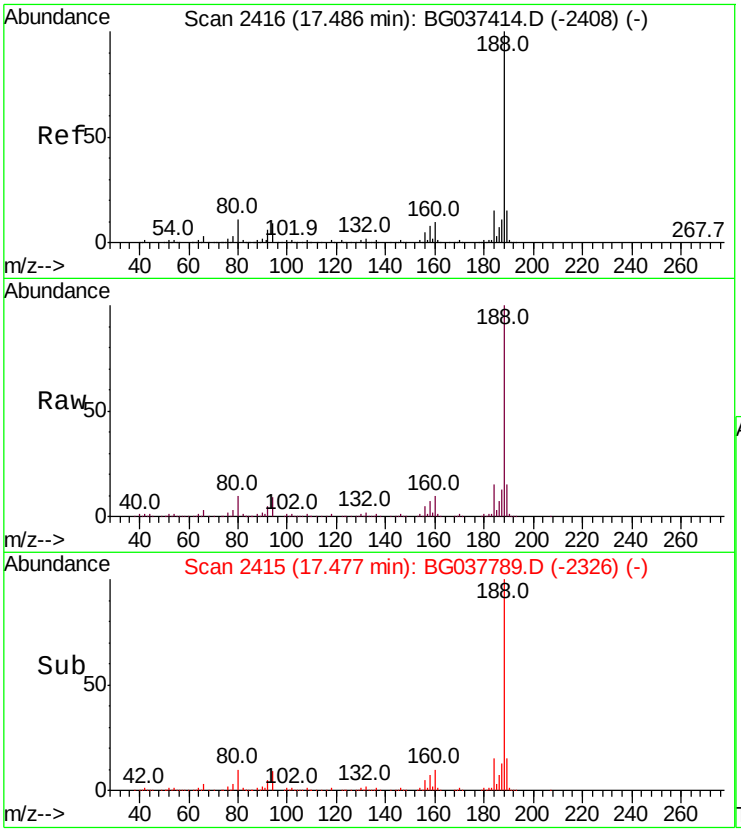


#45
2-Fluorobiphenyl
Concen: 83.146 ng
RT: 13.35 min Scan# 1713
Delta R.T. -0.01 min
Lab File: BG037789.D
Acq: 3 Nov 2018 13:39

Tgt Ion:172 Resp: 960816

Ion	Ratio	Lower	Upper
172	100		
171	37.8	31.0	46.4
170	25.0	20.2	30.2



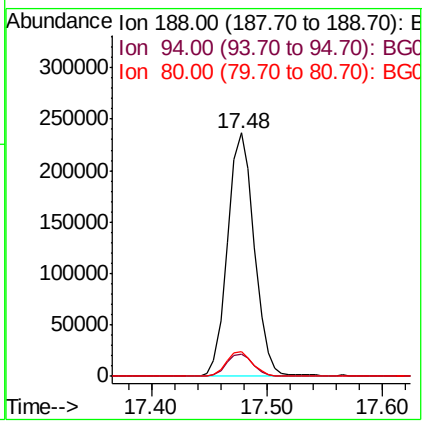


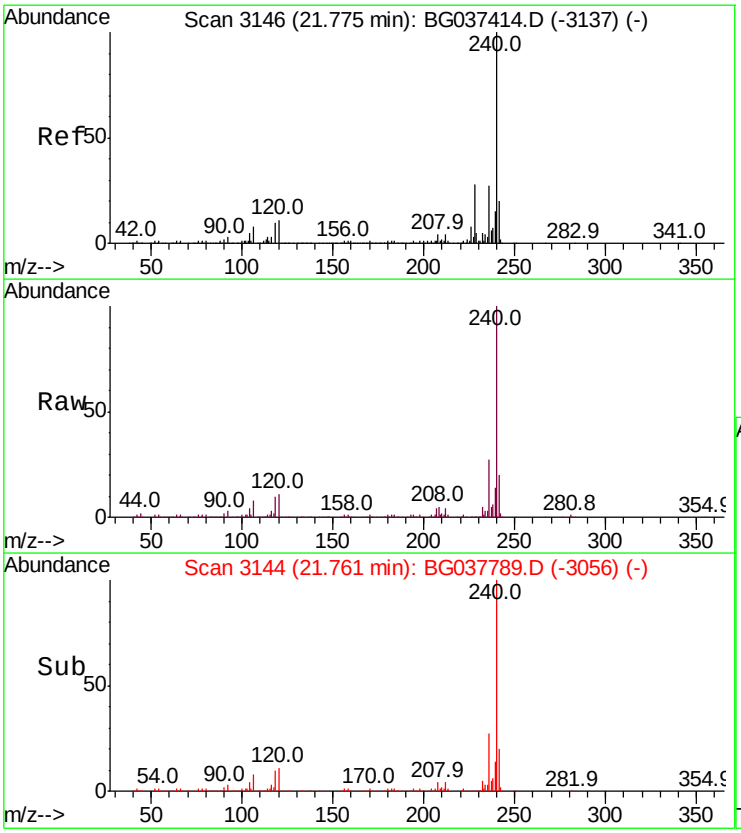
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BG037789.D
Acq: 3 Nov 2018 13:39

Instrument :
BNA_G
ClientSampleId :
TP-2A-S

Tgt Ion:188 Resp: 380986

Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.2	10.8
80	10.4	7.7	11.5

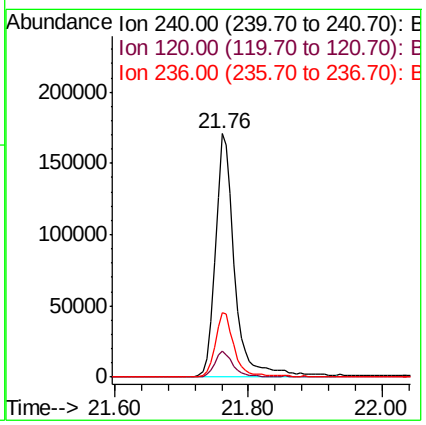


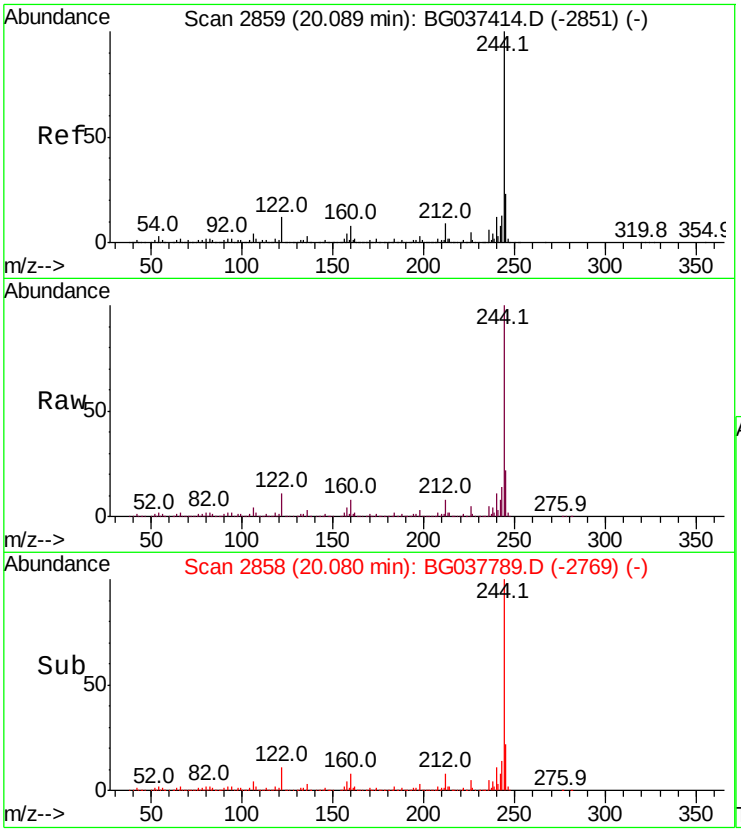


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG037789.D
Acq: 3 Nov 2018 13:39

Tgt Ion:240 Resp: 348962

Ion	Ratio	Lower	Upper
240	100		
120	10.7	8.1	12.1
236	26.5	21.4	32.0



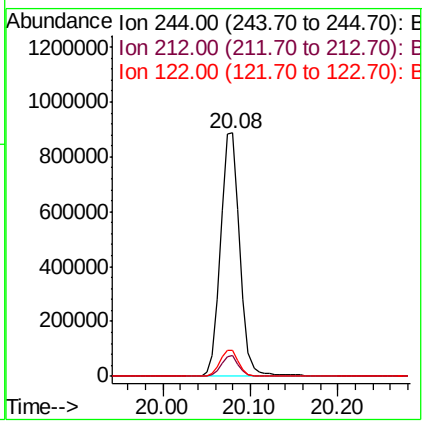


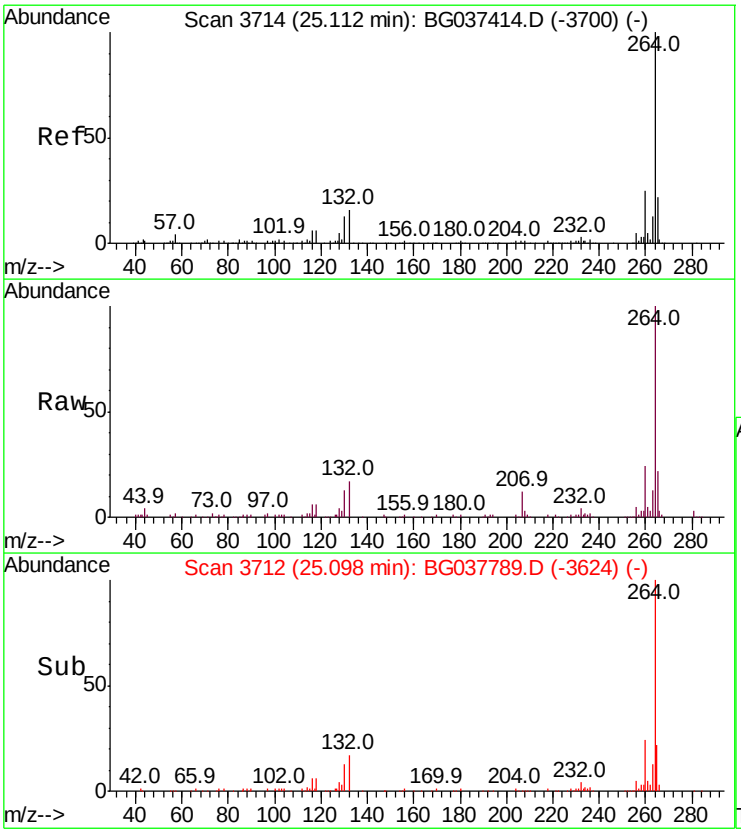
#79
Terphenyl-d14
Concen: 83.072 ng
RT: 20.08 min Scan# 2858
Delta R.T. -0.01 min
Lab File: BG037789.D
Acq: 3 Nov 2018 13:39

Instrument :
BNA_G
ClientSampleId :
TP-2A-S

Tgt Ion:244 Resp: 1356669

Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.5	9.7
122	10.5	9.0	13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.10 min Scan# 3712
Delta R.T. -0.01 min
Lab File: BG037789.D
Acq: 3 Nov 2018 13:39

Tgt Ion:264 Resp: 257589

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.2	27.4
265	22.1	17.9	26.9