Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110518\
Data File : BG037812.D
Acq On : 5 Nov 2018 21:02
Operator : JU/SJ
Sample : J5794-12
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-10B-S

Quant Time: Nov 06 04:57:07 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	54640	20.00	ng	-0.02
21) Naphthalene-d8	10.91	136	245810	20.00	ng	-0.02
39) Acenaphthene-d10	14.73	164	160450	20.00	ng	-0.02
64) Phenanthrene-d10	17.48	188	356226	20.00	ng	-0.01
76) Chrysene-d12	21.76	240	316248	20.00	ng	-0.02
87) Perylene-d12	25.10	264	232089	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	347891	106.45	ng	-0.01
7) Phenol-d6	7.24	99	447590	90.57	ng	-0.01
23) Nitrobenzene-d5	9.27	82	355187	80.95	ng	-0.01
42) 2,4,6-Tribromophenol	16.22	330	160770	91.87	ng	-0.01
45) 2-Fluorobiphenyl	13.35	172	889685	83.61	ng	-0.02
79) Terphenyl-d14	20.07	244	1259226	85.08	ng	-0.02
Target Compounds						Qvalue

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

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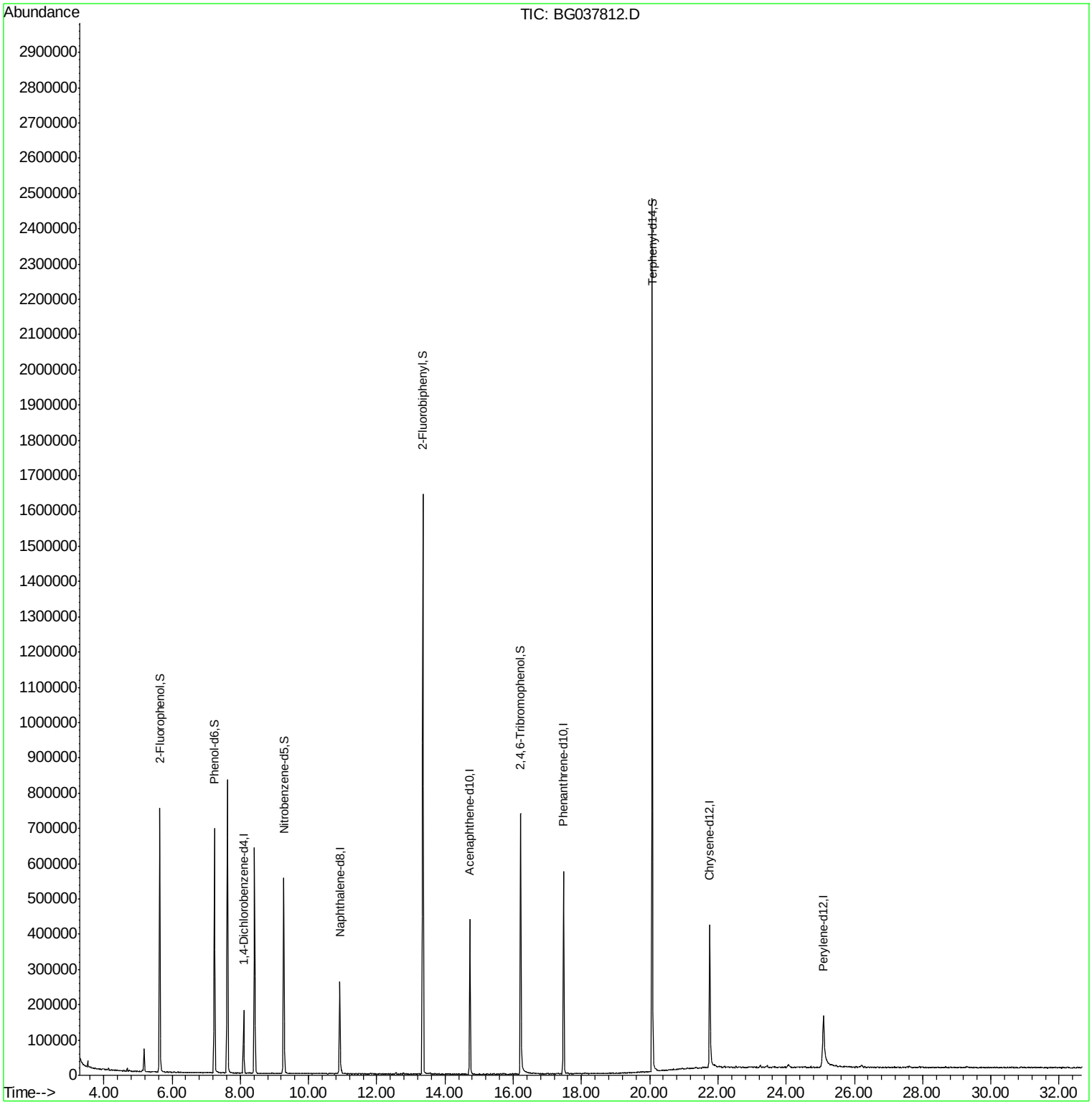
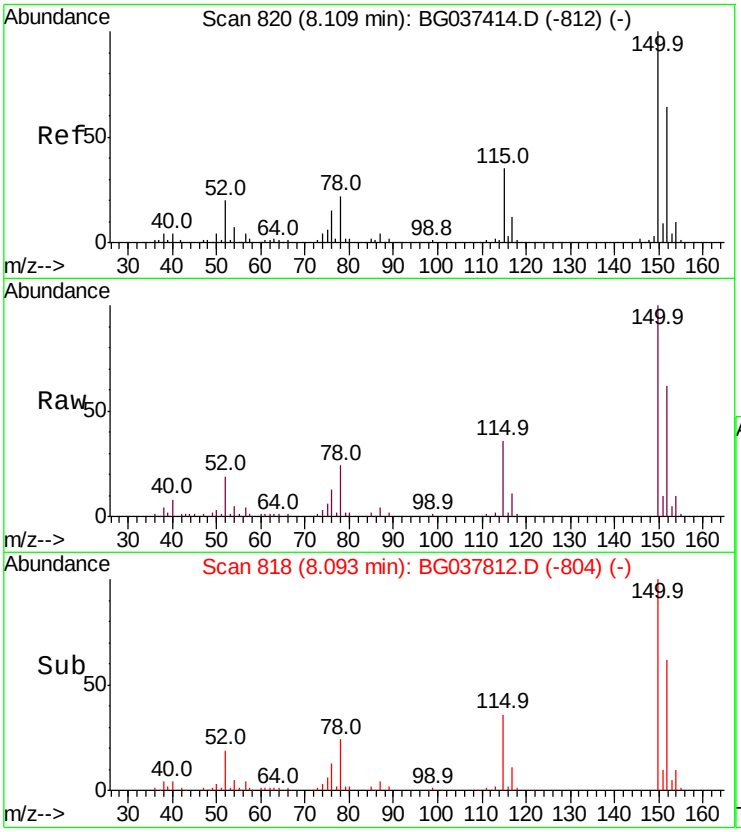


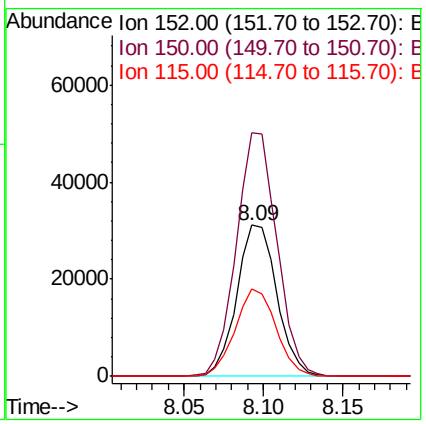


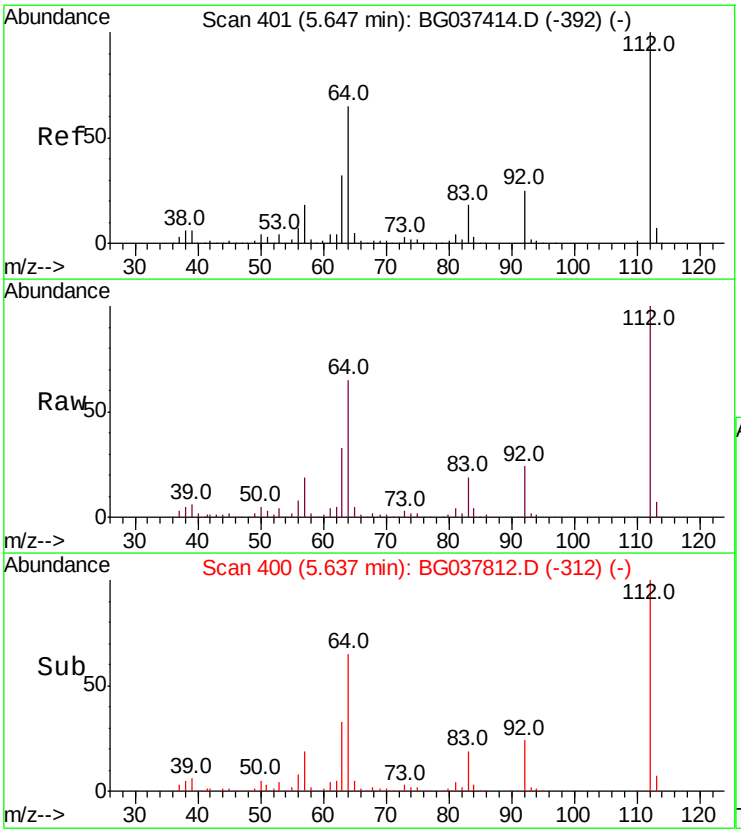
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 818
Delta R.T. -0.02 min
Lab File: BG037812.D
Acq: 5 Nov 2018 21:02

Instrument :
BNA_G
ClientSampleId :
TP-10B-S

Tgt Ion:152 Resp: 54640

Ion	Ratio	Lower	Upper
152	100		
150	160.9	126.0	189.0
115	57.9	45.5	68.3

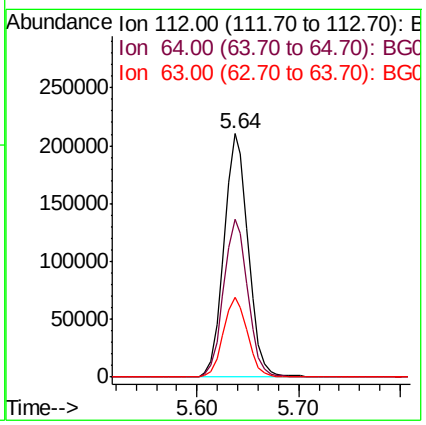


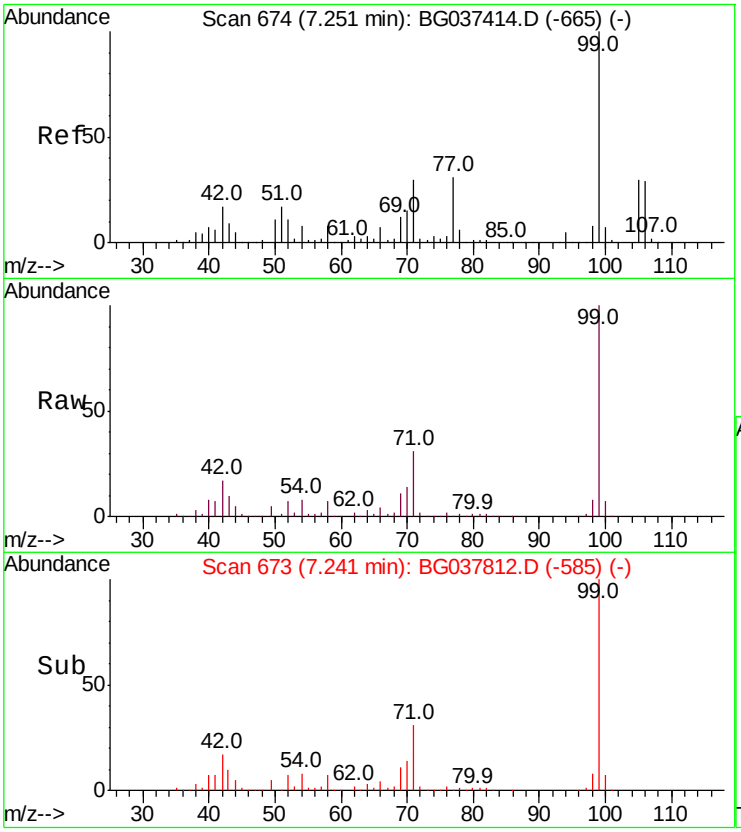


#5
2-Fluorophenol
Concen: 106.446 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037812.D
Acq: 5 Nov 2018 21:02

Tgt Ion:112 Resp: 347891

Ion	Ratio	Lower	Upper
112	100		
64	65.1	53.1	79.7
63	32.7	27.3	40.9



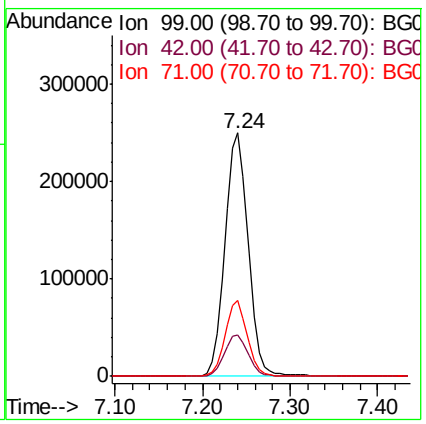


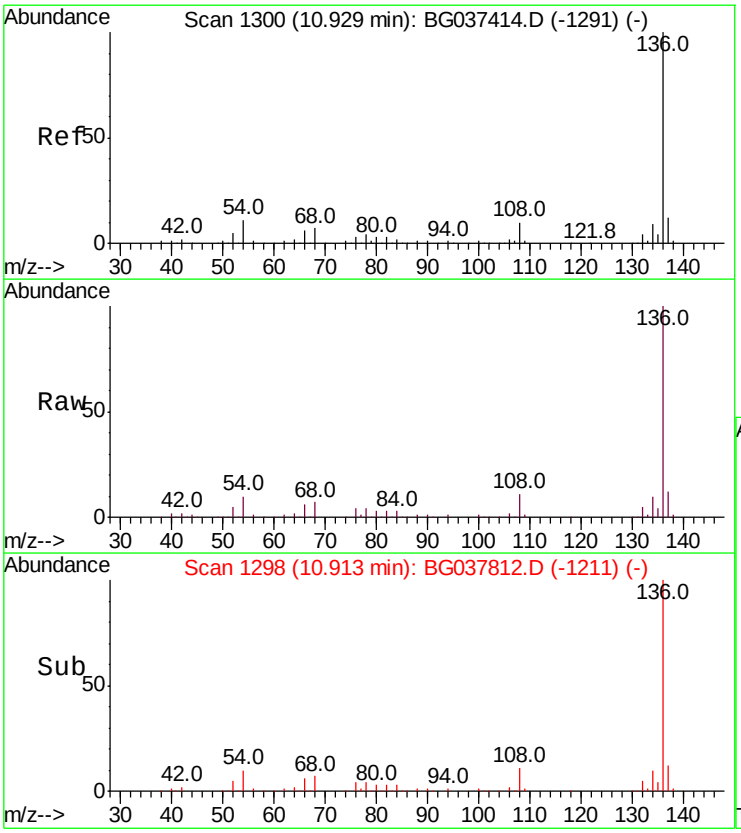
#7
Phenol-d6
Concen: 90.569 ng
RT: 7.24 min Scan# 673
Delta R.T. -0.01 min
Lab File: BG037812.D
Acq: 5 Nov 2018 21:02

Instrument :
BNA_G
ClientSampleId :
TP-10B-S

Tgt Ion: 99 Resp: 447590

Ion	Ratio	Lower	Upper
99	100		
42	17.2	15.0	22.4
71	31.0	25.5	38.3

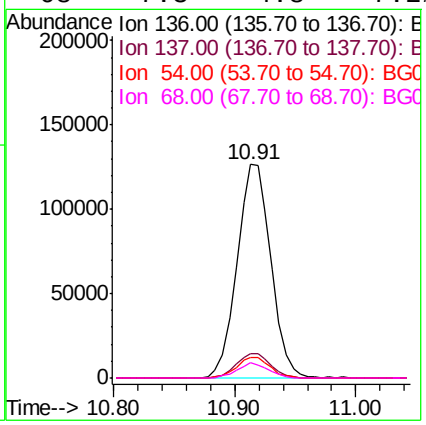


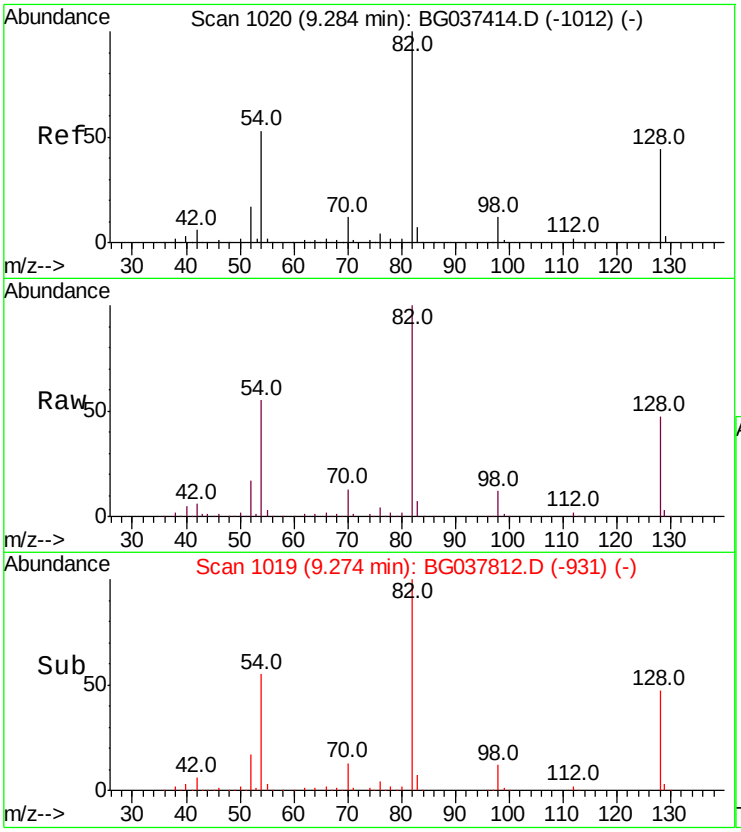


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BG037812.D
Acq: 5 Nov 2018 21:02

Tgt Ion:136 Resp: 245810

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.6	14.4
54	9.8	7.9	11.9
68	7.3	4.8	7.2#



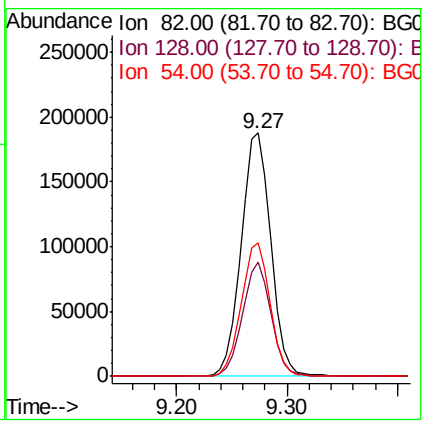


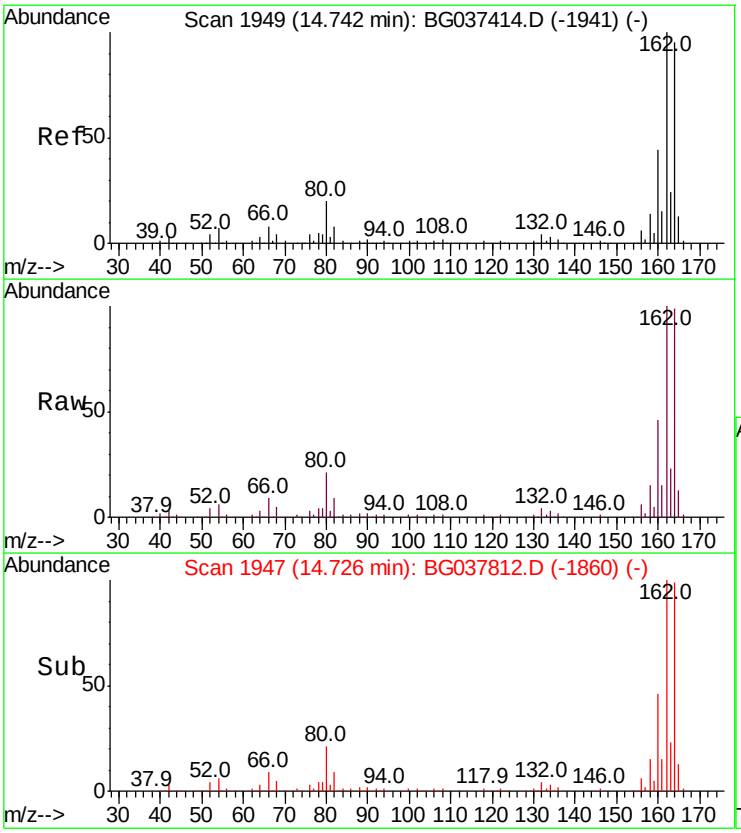
#23
Nitrobenzene-d5
Concen: 80.945 ng
RT: 9.27 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037812.D
Acq: 5 Nov 2018 21:02

Instrument :
BNA_G
ClientSampleId :
TP-10B-S

Tgt Ion: 82 Resp: 355187

Ion	Ratio	Lower	Upper
82	100		
128	46.8	34.6	51.8
54	55.0	45.3	67.9

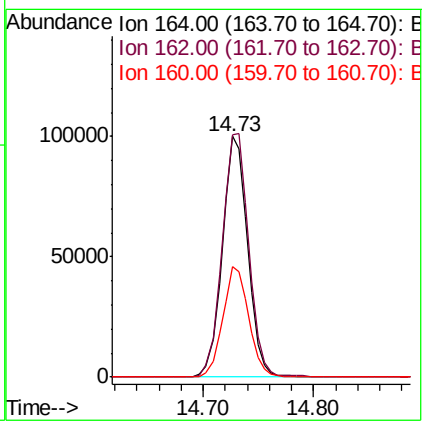


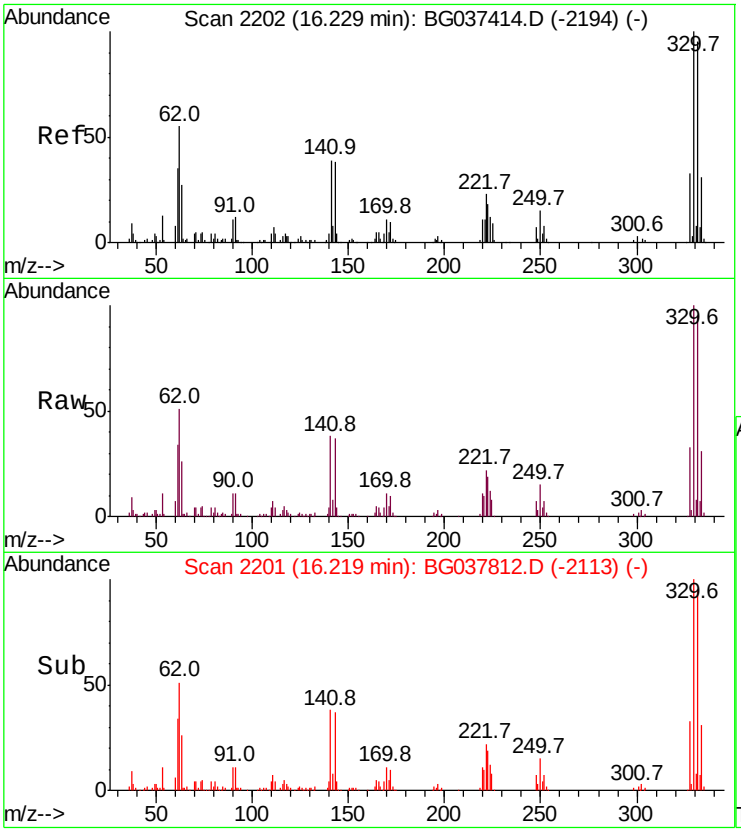


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1947
Delta R.T. -0.02 min
Lab File: BG037812.D
Acq: 5 Nov 2018 21:02

Tgt Ion:164 Resp: 160450

Ion	Ratio	Lower	Upper
164	100		
162	100.6	81.3	121.9
160	45.8	36.3	54.5



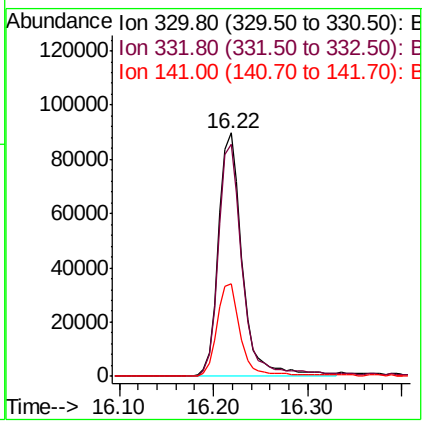


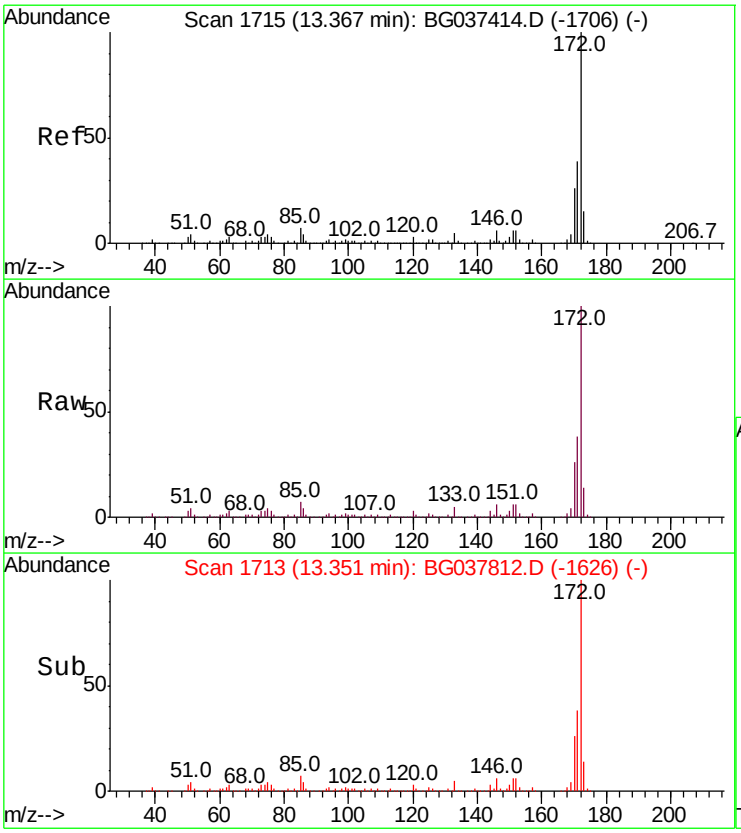
#42
2,4,6-Tribromophenol
Concen: 91.868 ng
RT: 16.22 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BG037812.D
Acq: 5 Nov 2018 21:02

Instrument :
BNA_G
ClientSampleId :
TP-10B-S

Tgt Ion:330 Resp: 160770

Ion	Ratio	Lower	Upper
330	100		
332	96.0	78.4	117.6
141	37.9	32.2	48.2

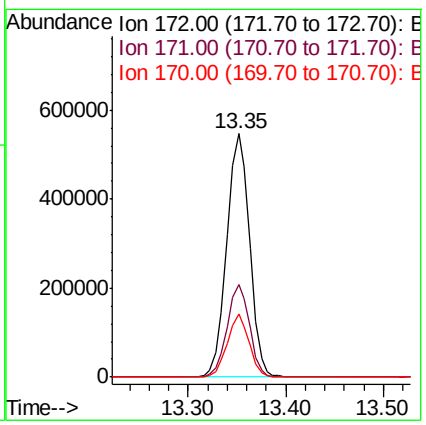


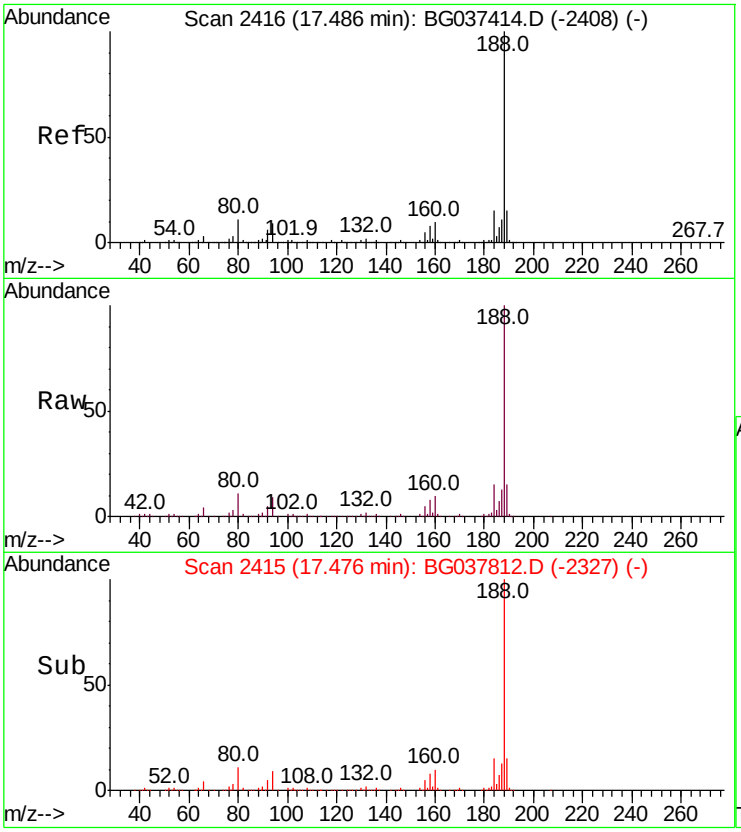


#45
2-Fluorobiphenyl
Concen: 83.615 ng
RT: 13.35 min Scan# 1713
Delta R.T. -0.02 min
Lab File: BG037812.D
Acq: 5 Nov 2018 21:02

Tgt Ion:172 Resp: 889685

Ion	Ratio	Lower	Upper
172	100		
171	38.2	31.0	46.4
170	25.9	20.2	30.2



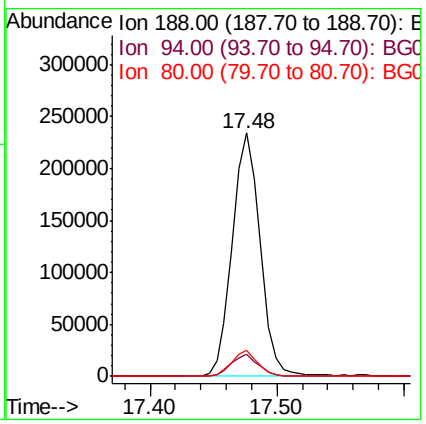


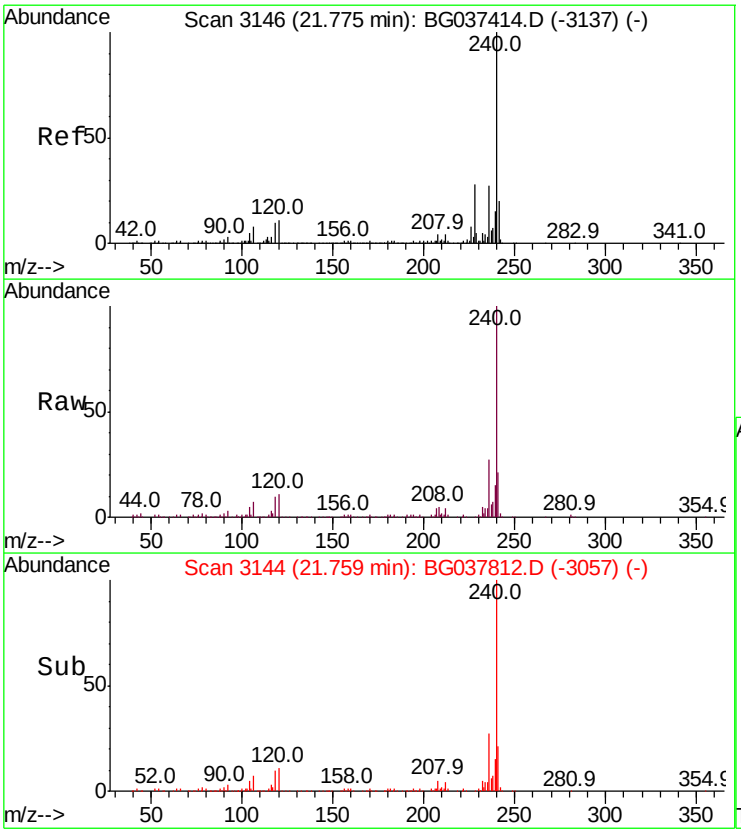
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BG037812.D
Acq: 5 Nov 2018 21:02

Instrument :
BNA_G
ClientSampleId :
TP-10B-S

Tgt Ion:188 Resp: 356226

Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.2	10.8
80	10.9	7.7	11.5

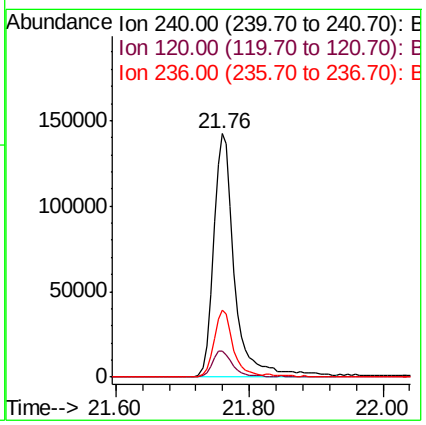


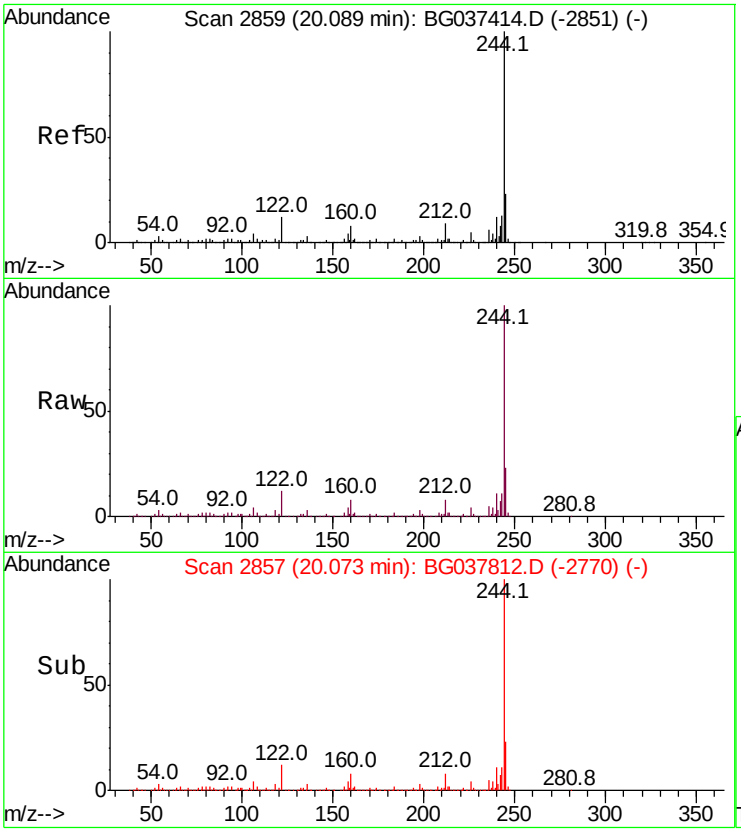


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3144
Delta R.T. -0.02 min
Lab File: BG037812.D
Acq: 5 Nov 2018 21:02

Tgt Ion:240 Resp: 316248

Ion	Ratio	Lower	Upper
240	100		
120	10.8	8.1	12.1
236	27.4	21.4	32.0



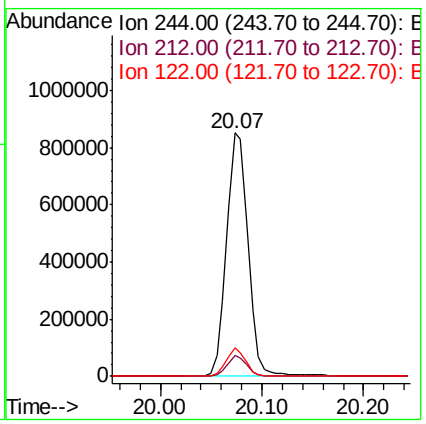


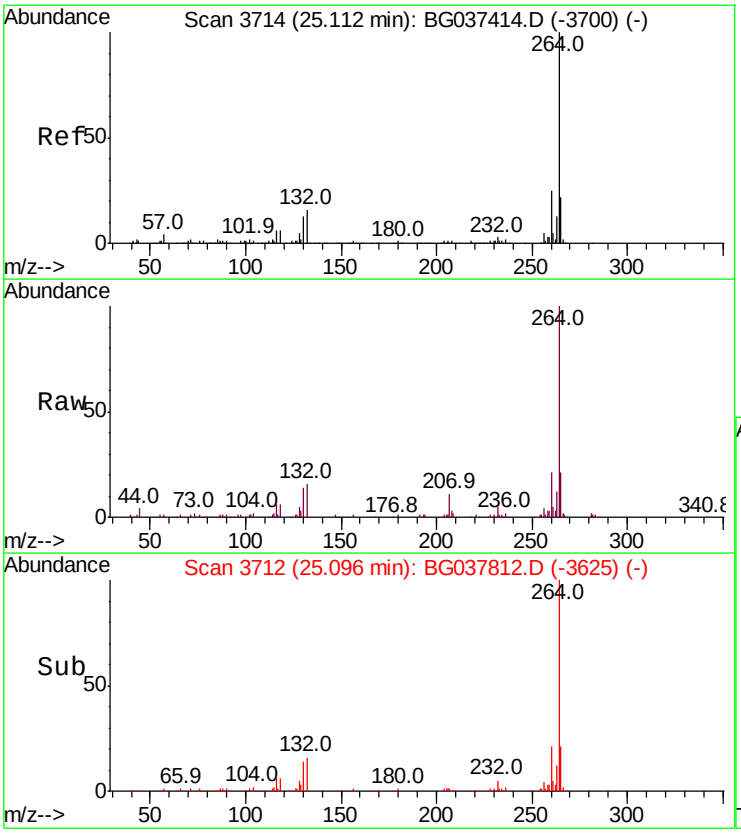
#79
Terphenyl-d14
Concen: 85.081 ng
RT: 20.07 min Scan# 2857
Delta R.T. -0.02 min
Lab File: BG037812.D
Acq: 5 Nov 2018 21:02

Instrument :
BNA_G
ClientSampleId :
TP-10B-S

Tgt Ion:244 Resp: 1259226

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.5	9.7
122	11.6	9.0	13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.10 min Scan# 3712
Delta R.T. -0.02 min
Lab File: BG037812.D
Acq: 5 Nov 2018 21:02

Tgt Ion:264 Resp: 232089

Ion	Ratio	Lower	Upper
264	100		
260	21.2	18.2	27.4
265	20.9	17.9	26.9