Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102618\
Data File : BG037612.D
Acq On : 27 Oct 2018 11:29
Operator : JU/SJ
Sample : J5686-05
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 102418-SIDI-F-U-M

Quant Time: Oct 29 04:33:10 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	8.10	152	52934	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	222562	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	153666	20.00	ng	0.00
64) Phenanthrene-d10	17.49	188	373119	20.00	ng	0.00
76) Chrysene-d12	21.77	240	340321	20.00	ng	0.00
87) Perylene-d12	25.10	264	316128	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	155501	49.11	ng	0.00
7) Phenol-d6	7.24	99	141332	29.52	ng	0.00
23) Nitrobenzene-d5	9.28	82	426663	107.39	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	173397	103.46	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	1000466	98.18	ng	0.00
79) Terphenyl-d14	20.08	244	1562750	98.12	ng	0.00
Target Compounds						Qvalue

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

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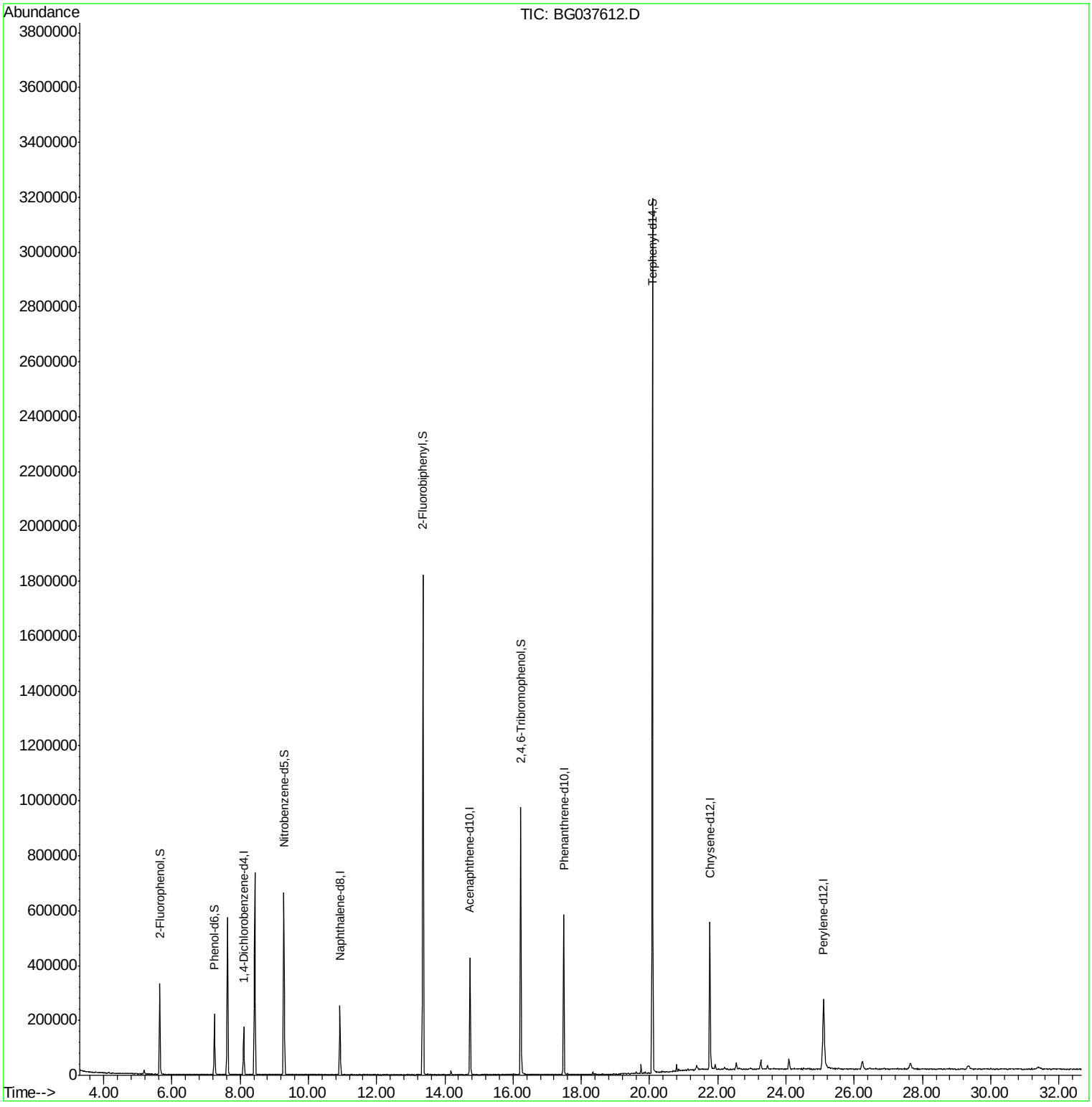
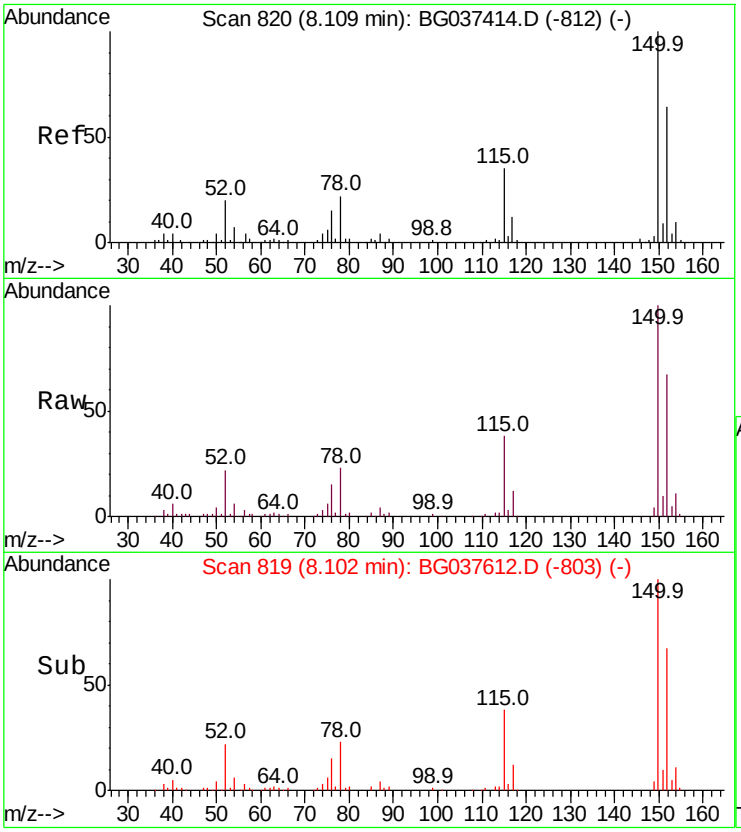


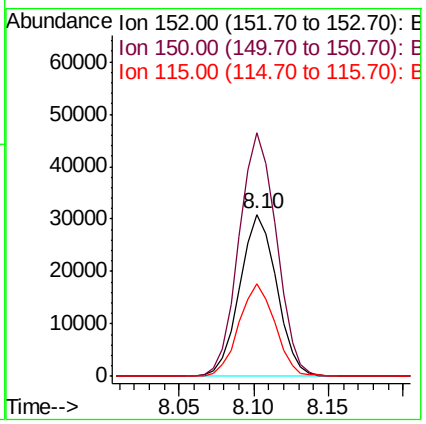


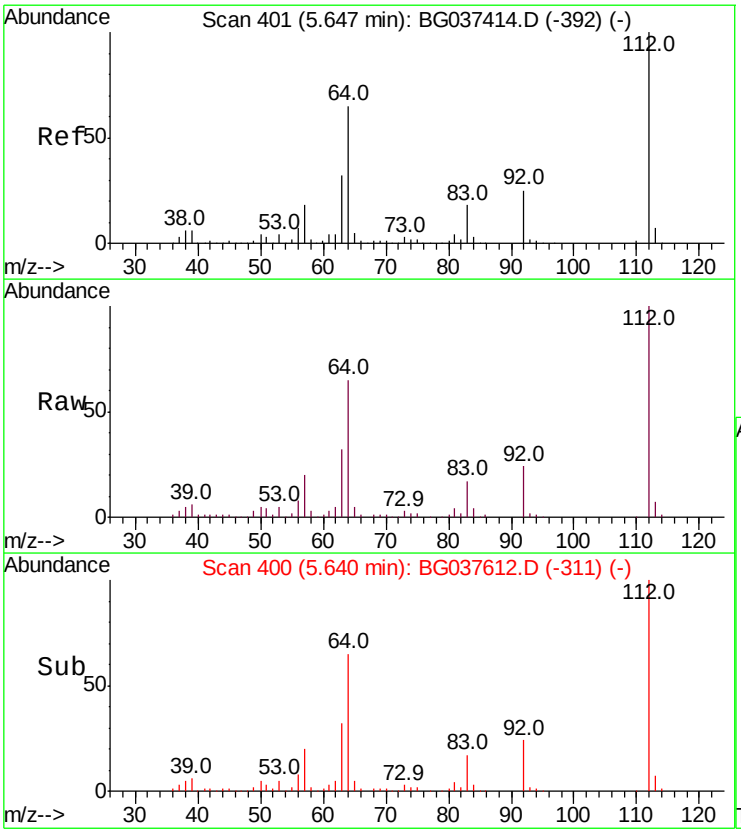
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037612.D
Acq: 27 Oct 2018 11:29

Instrument :
BNA_G
ClientSampleId :
102418-SIDI-F-U-M

Tgt Ion:152 Resp: 52934

Ion	Ratio	Lower	Upper
152	100		
150	150.3	126.0	189.0
115	56.9	45.5	68.3

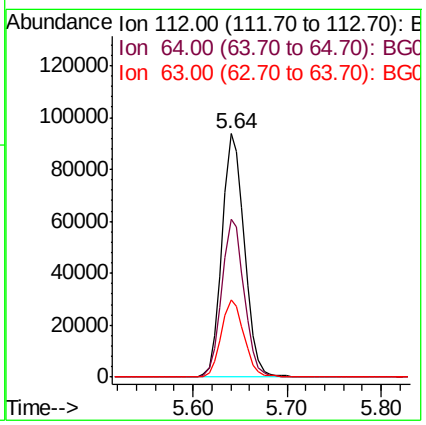


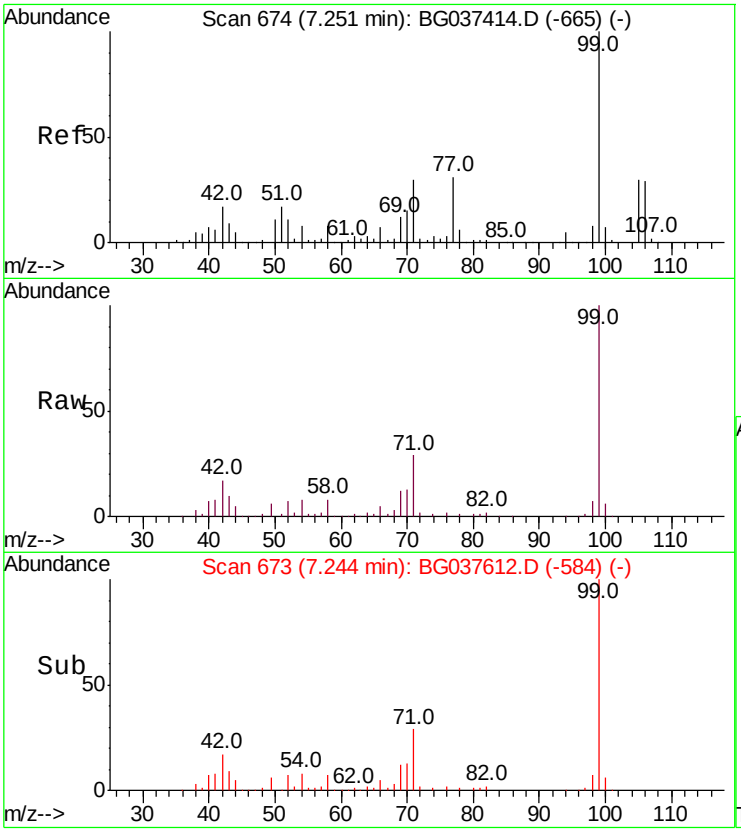


#5
2-Fluorophenol
Concen: 49.113 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037612.D
Acq: 27 Oct 2018 11:29

Tgt Ion:112 Resp: 155501

Ion	Ratio	Lower	Upper
112	100		
64	64.9	53.1	79.7
63	32.0	27.3	40.9



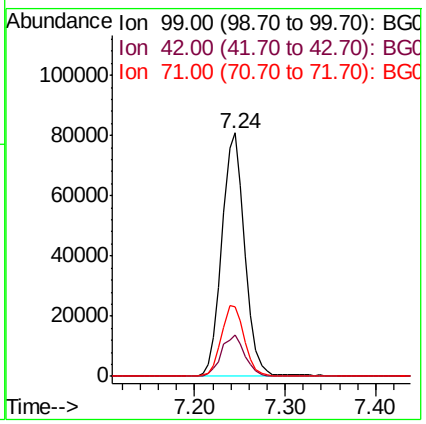


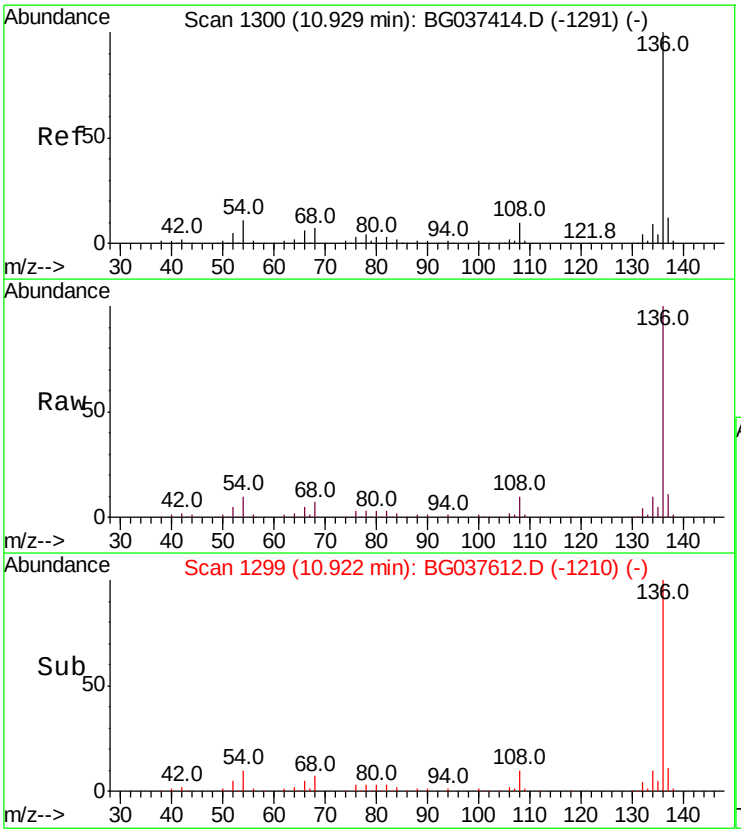
#7
Phenol-d6
Concen: 29.520 ng
RT: 7.24 min Scan# 673
Delta R.T. -0.01 min
Lab File: BG037612.D
Acq: 27 Oct 2018 11:29

Instrument :
BNA_G
ClientSampleId :
102418-SIDI-F-U-M

Tgt Ion: 99 Resp: 141332

Ion	Ratio	Lower	Upper
99	100		
42	16.8	15.0	22.4
71	28.7	25.5	38.3

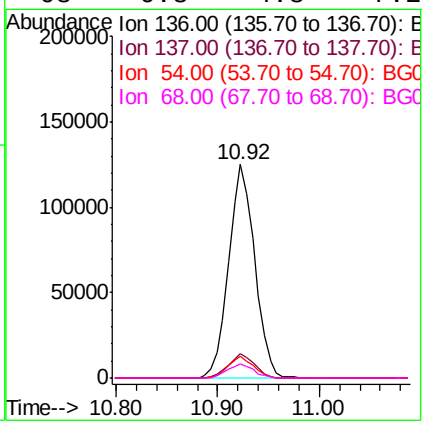


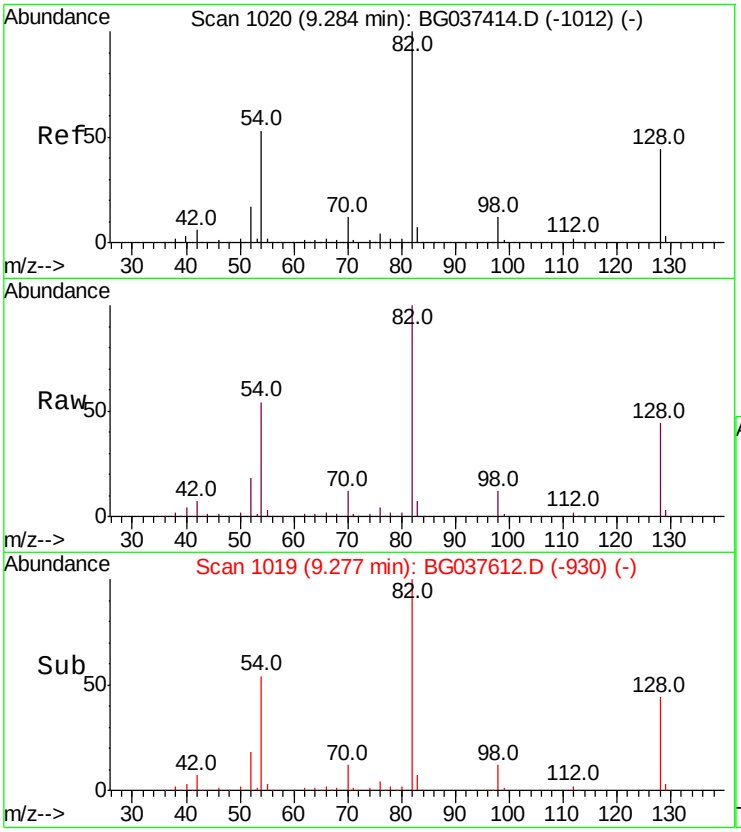


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037612.D
Acq: 27 Oct 2018 11:29

Tgt Ion:136 Resp: 222562

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.6	14.4
54	9.9	7.9	11.9
68	6.8	4.8	7.2



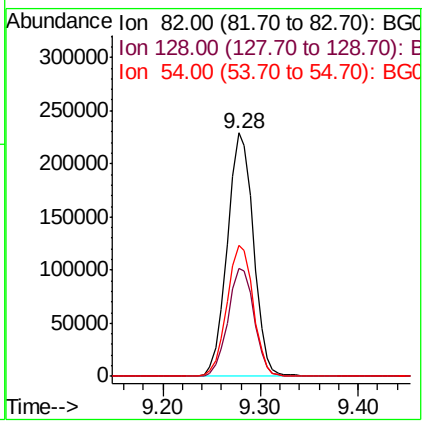


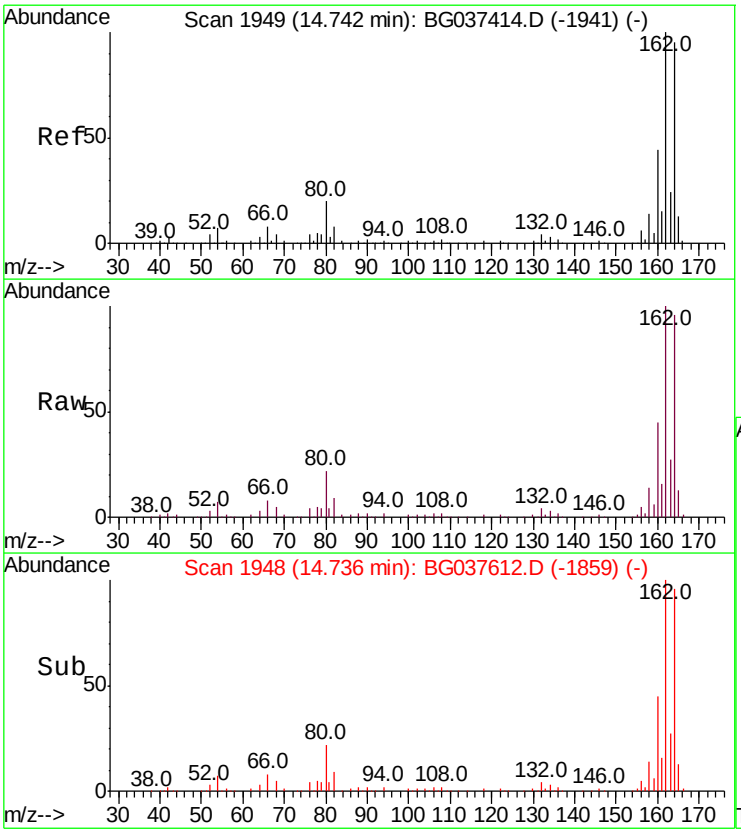
#23
Nitrobenzene-d5
Concen: 107.391 ng
RT: 9.28 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037612.D
Acq: 27 Oct 2018 11:29

Instrument :
BNA_G
ClientSampleId :
102418-SIDI-F-U-M

Tgt Ion: 82 Resp: 426663

Ion	Ratio	Lower	Upper
82	100		
128	44.1	34.6	51.8
54	53.9	45.3	67.9

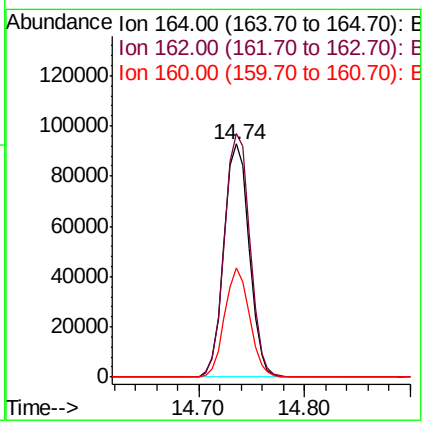


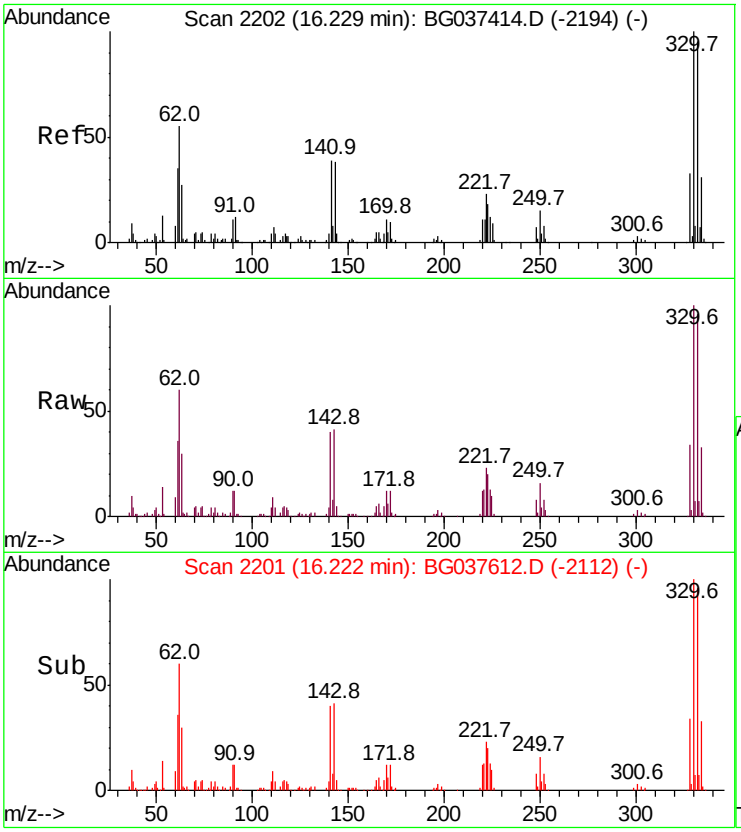


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.74 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BG037612.D
Acq: 27 Oct 2018 11:29

Tgt Ion:164 Resp: 153666

Ion	Ratio	Lower	Upper
164	100		
162	104.4	81.3	121.9
160	46.7	36.3	54.5



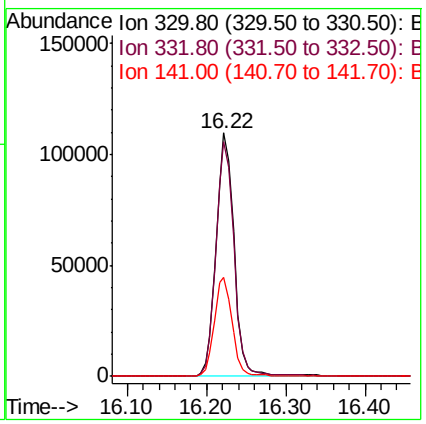


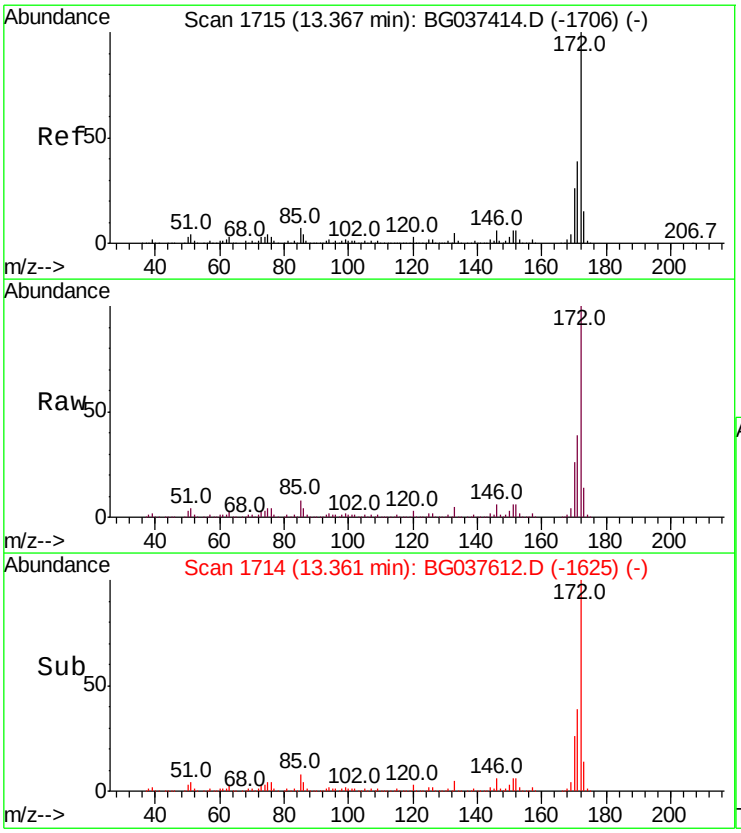
#42
2,4,6-Tribromophenol
Concen: 103.458 ng
RT: 16.22 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BG037612.D
Acq: 27 Oct 2018 11:29

Instrument :
BNA_G
ClientSampleId :
102418-SIDI-F-U-M

Tgt Ion:330 Resp: 173397

Ion	Ratio	Lower	Upper
330	100		
332	96.4	78.4	117.6
141	40.4	32.2	48.2

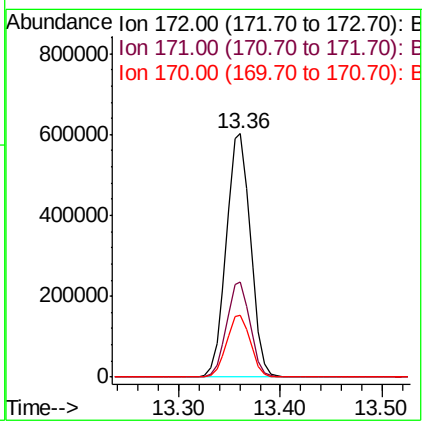


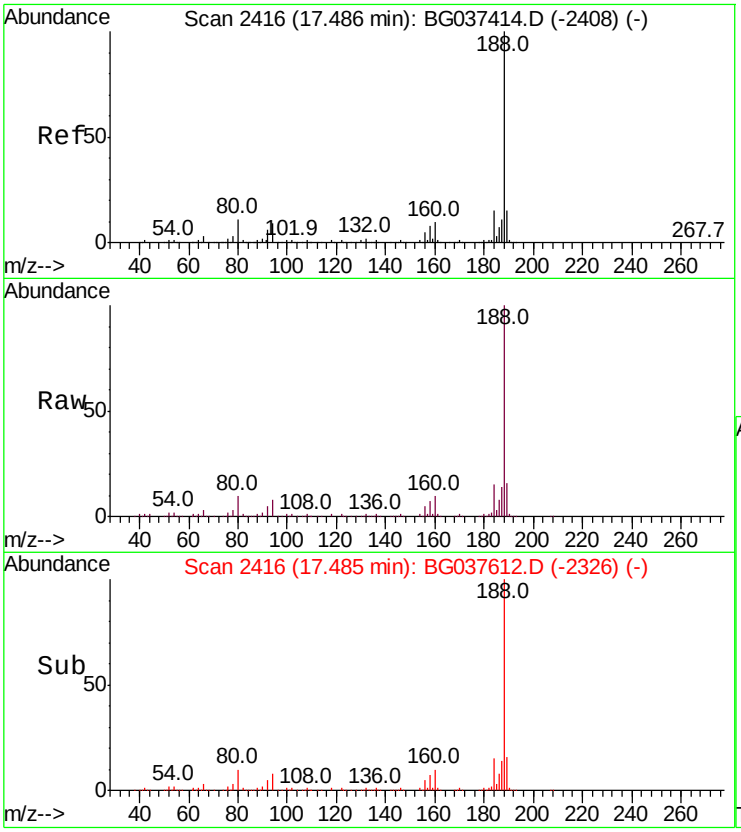


#45
2-Fluorobiphenyl
Concen: 98.177 ng
RT: 13.36 min Scan# 1714
Delta R.T. -0.01 min
Lab File: BG037612.D
Acq: 27 Oct 2018 11:29

Tgt Ion:172 Resp: 1000466

Ion	Ratio	Lower	Upper
172	100		
171	38.9	31.0	46.4
170	25.6	20.2	30.2



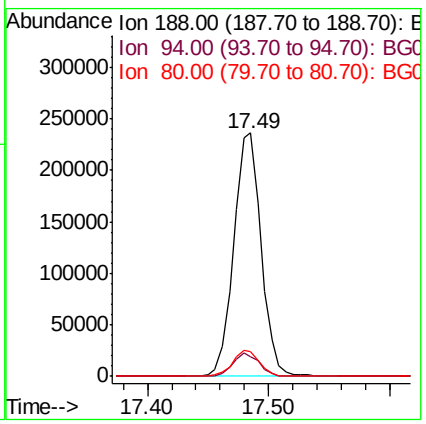


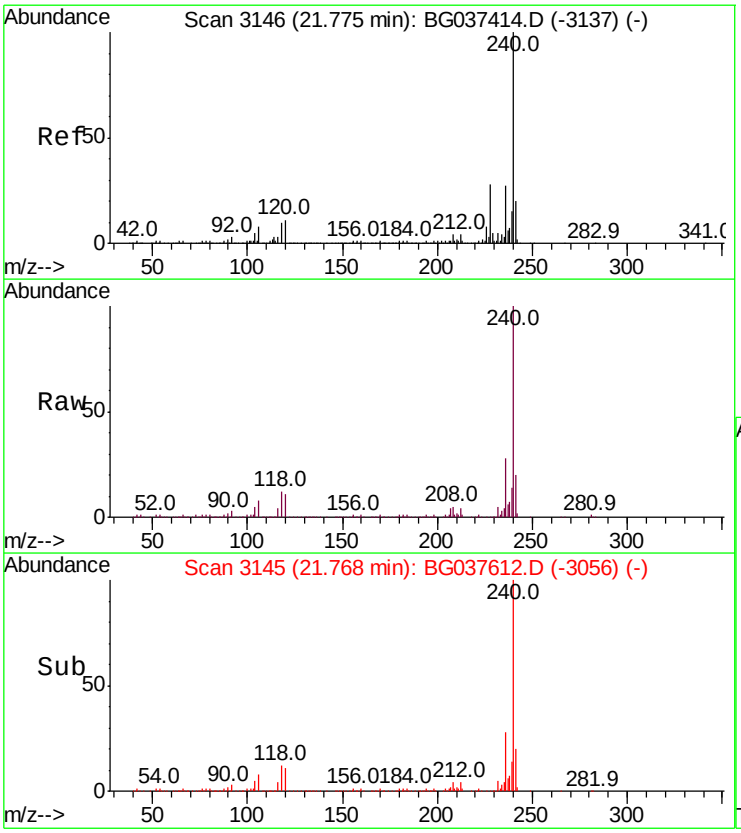
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2416
Delta R.T. -0.00 min
Lab File: BG037612.D
Acq: 27 Oct 2018 11:29

Instrument :
BNA_G
ClientSampleId :
102418-SIDI-F-U-M

Tgt Ion:188 Resp: 373119

Ion	Ratio	Lower	Upper
188	100		
94	8.2	7.2	10.8
80	10.3	7.7	11.5

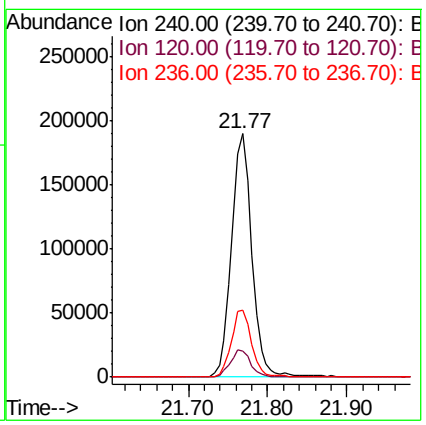


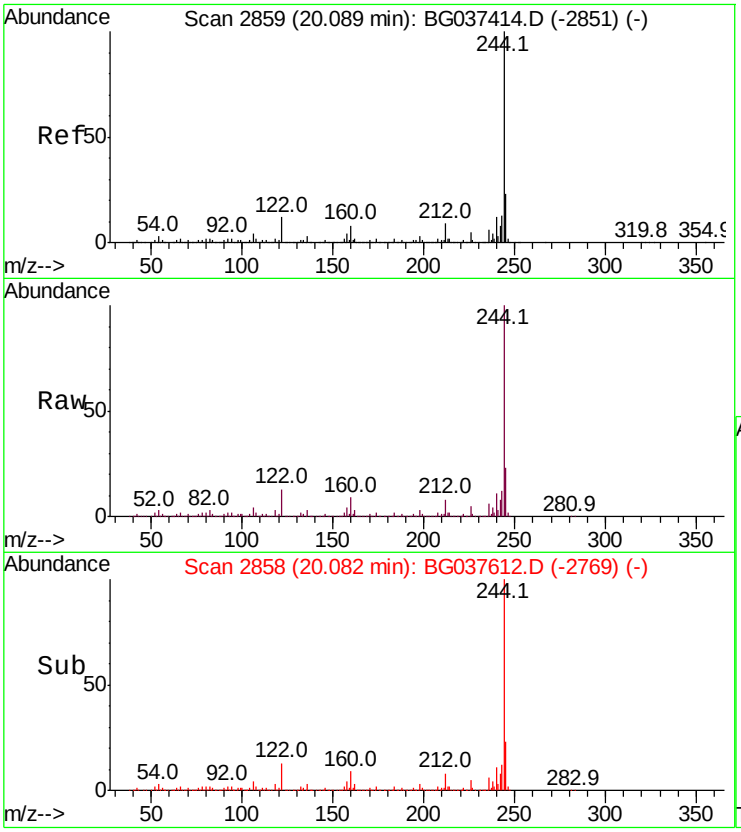


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BG037612.D
Acq: 27 Oct 2018 11:29

Tgt Ion:240 Resp: 340321

Ion	Ratio	Lower	Upper
240	100		
120	10.6	8.1	12.1
236	27.8	21.4	32.0



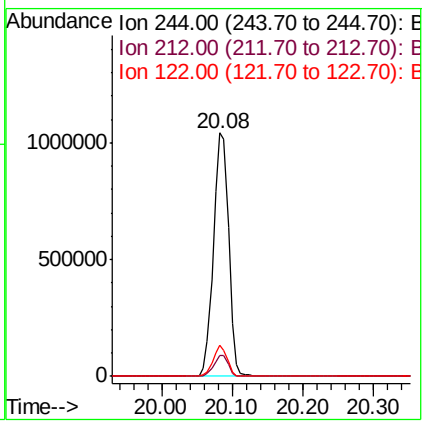


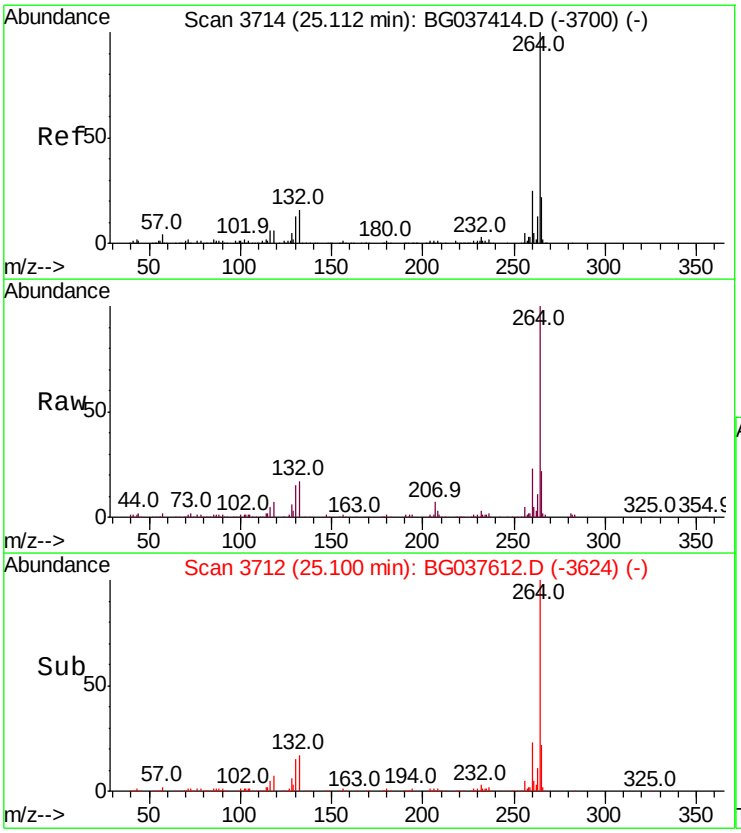
#79
Terphenyl-d14
Concen: 98.120 ng
RT: 20.08 min Scan# 2858
Delta R.T. -0.01 min
Lab File: BG037612.D
Acq: 27 Oct 2018 11:29

Instrument :
BNA_G
ClientSampleId :
102418-SIDI-F-U-M

Tgt Ion:244 Resp: 1562750

Ion	Ratio	Lower	Upper
244	100		
212	8.5	6.5	9.7
122	12.6	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: BG037612.D
Acq: 27 Oct 2018 11:29

Tgt Ion:264 Resp: 316128

Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.2	27.4
265	22.4	17.9	26.9