Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102918\
Data File : BG037635.D
Acq On : 29 Oct 2018 23:03
Operator : JU/SJ
Sample : J5665-06
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DL-08B

Quant Time: Oct 30 05:34:41 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	53017	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	230291	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	159885	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	383005	20.00	ng	0.00
76) Chrysene-d12	21.77	240	349397	20.00	ng	0.00
87) Perylene-d12	25.09	264	333144	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	449916	141.88	ng	0.00
7) Phenol-d6	7.24	99	676621	141.10	ng	0.00
23) Nitrobenzene-d5	9.28	82	398403	96.91	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	247014	141.65	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	924048	87.15	ng	0.00
79) Terphenyl-d14	20.08	244	1309392	80.08	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.27	94	49350	9.754	ng	98
50) Dimethylphthalate	14.18	163	163304	13.203	ng	100

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

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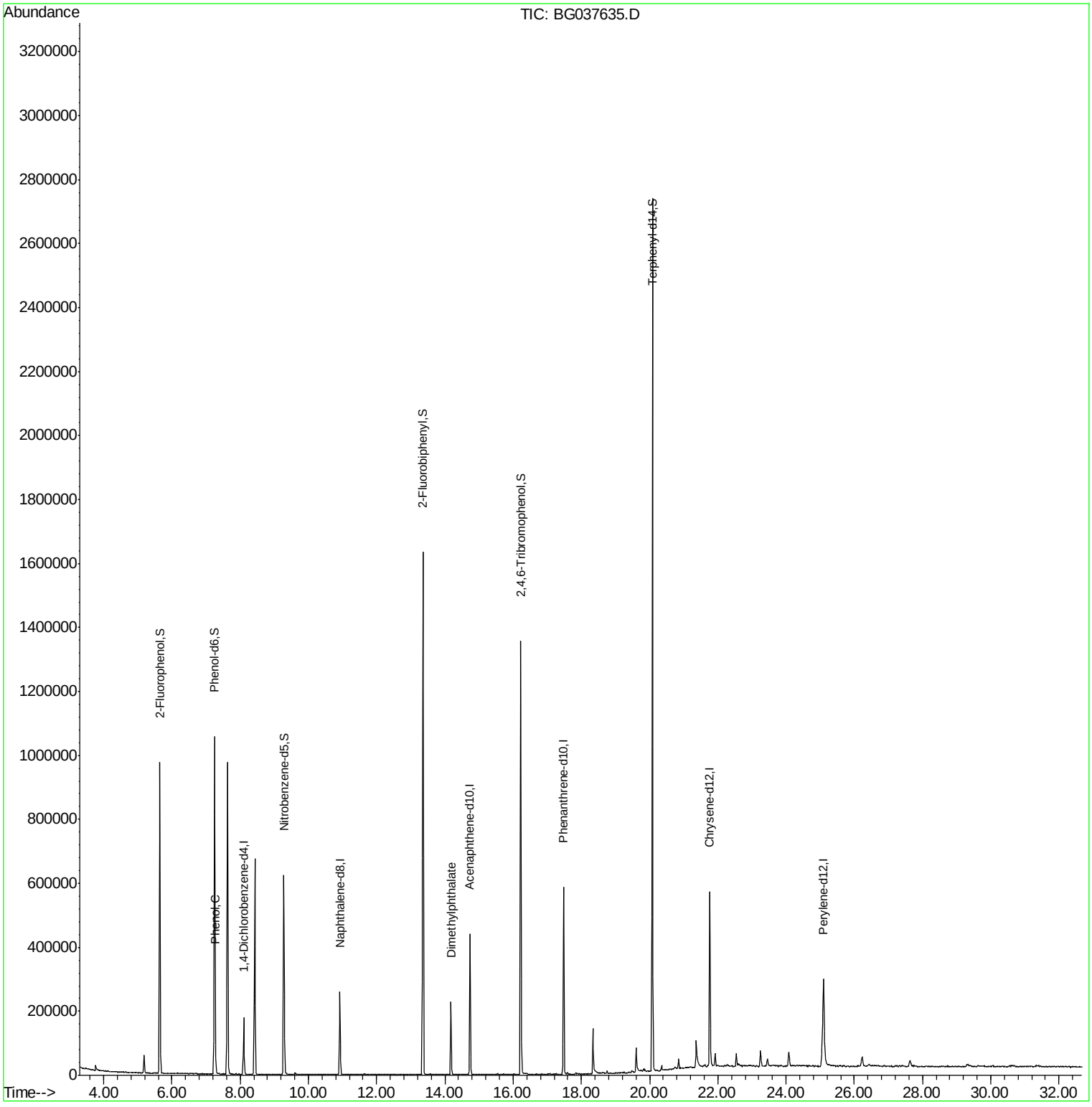
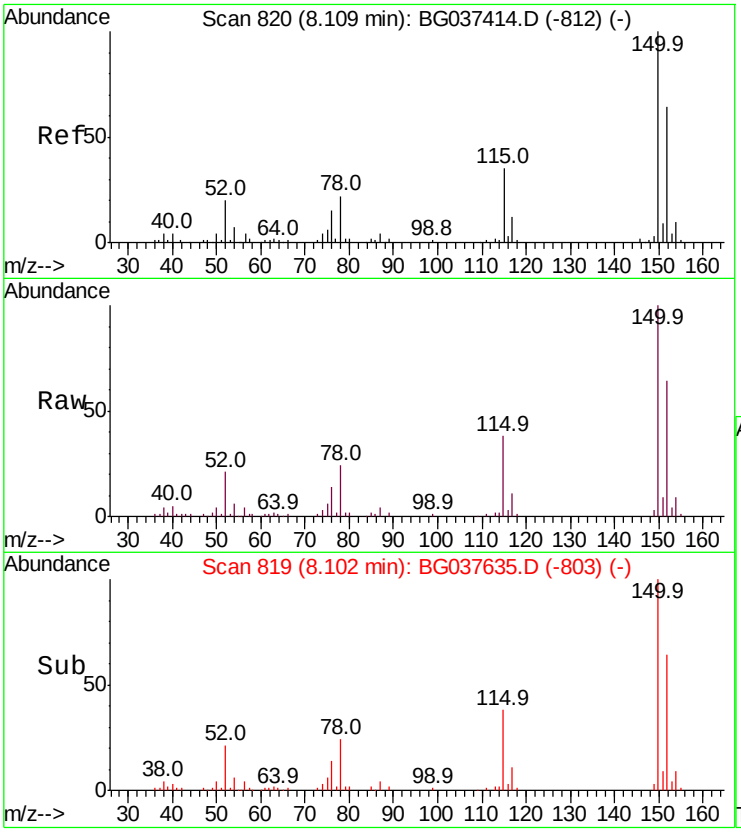


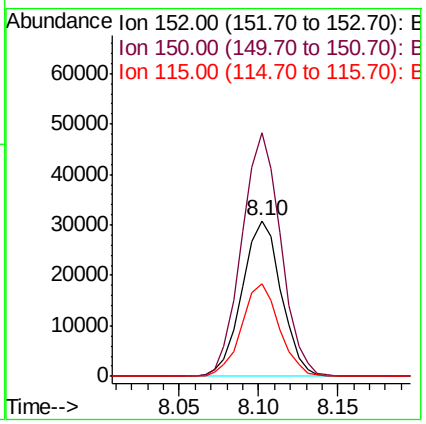


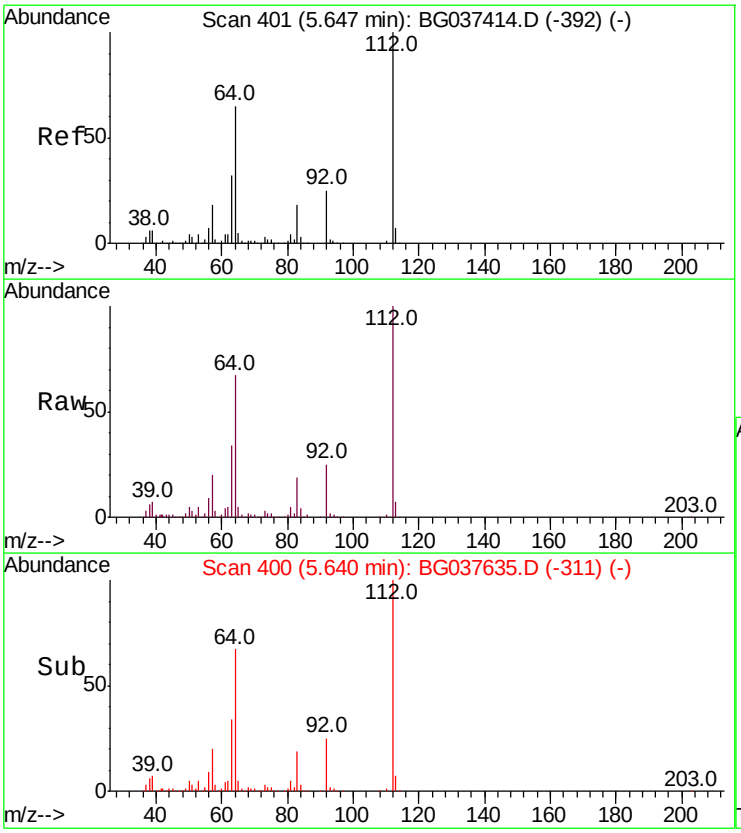
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037635.D
Acq: 29 Oct 2018 23:03

Instrument :
BNA_G
ClientSampleId :
DL-08B

Tgt Ion:152 Resp: 53017

Ion	Ratio	Lower	Upper
152	100		
150	156.7	126.0	189.0
115	60.0	45.5	68.3

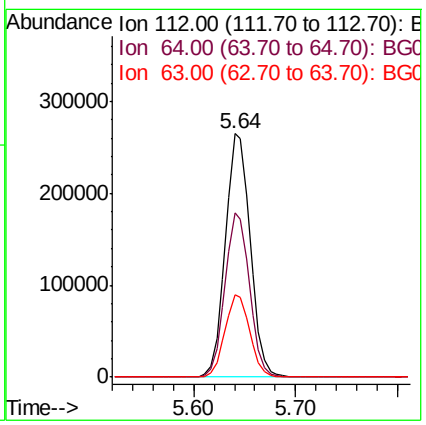


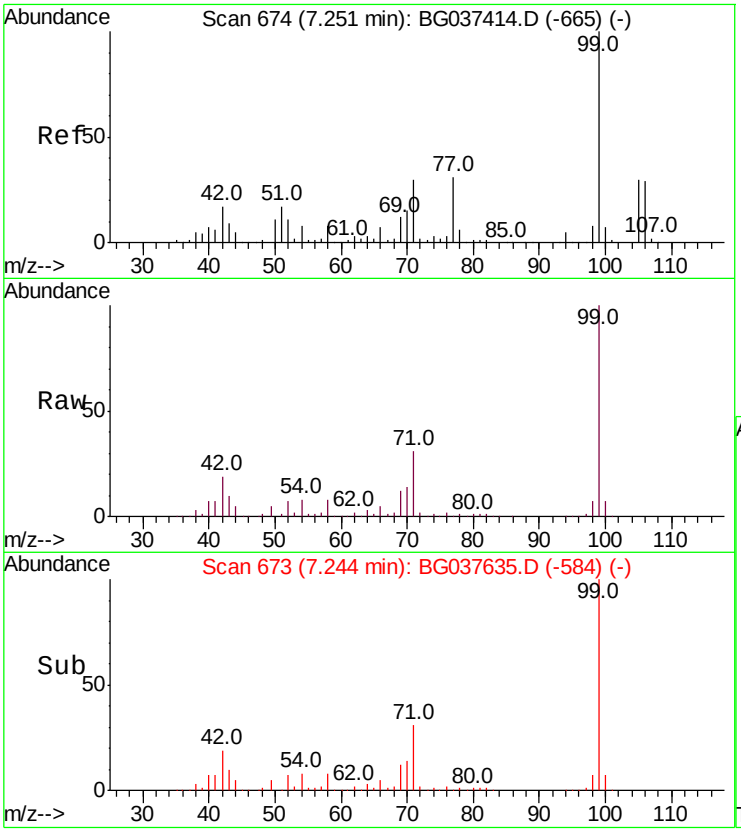


#5
2-Fluorophenol
Concen: 141.878 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037635.D
Acq: 29 Oct 2018 23:03

Tgt Ion:112 Resp: 449916

Ion	Ratio	Lower	Upper
112	100		
64	67.4	53.1	79.7
63	33.6	27.3	40.9



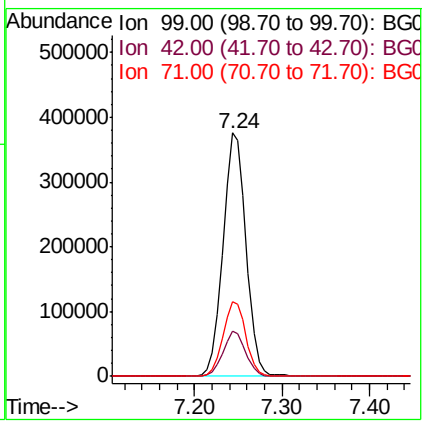


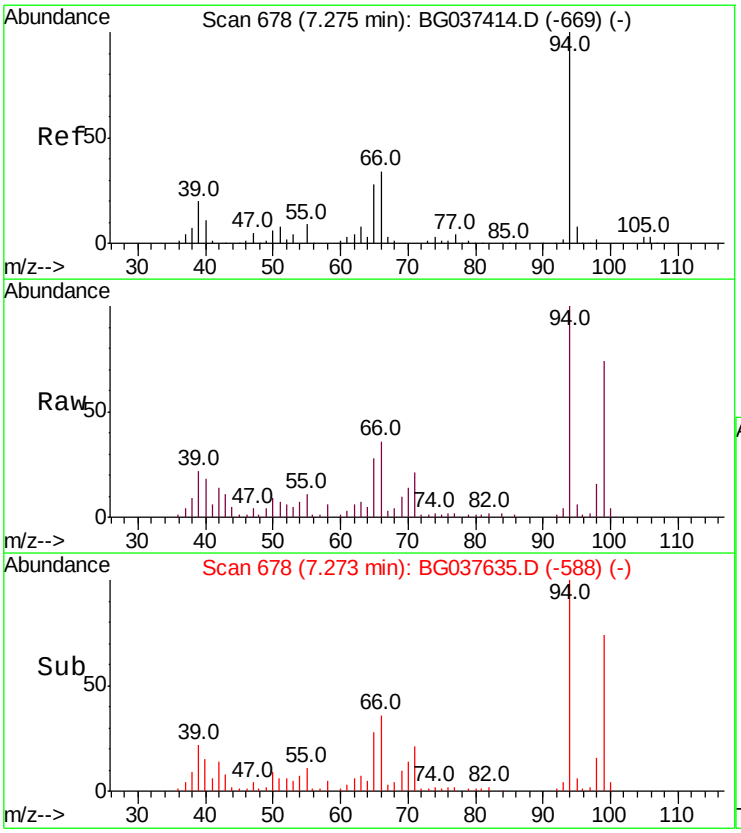
#7
Phenol-d6
Concen: 141.104 ng
RT: 7.24 min Scan# 673
Delta R.T. -0.01 min
Lab File: BG037635.D
Acq: 29 Oct 2018 23:03

Instrument :
BNA_G
ClientSampleId :
DL-08B

Tgt Ion: 99 Resp: 676621

Ion	Ratio	Lower	Upper
99	100		
42	18.6	15.0	22.4
71	30.8	25.5	38.3

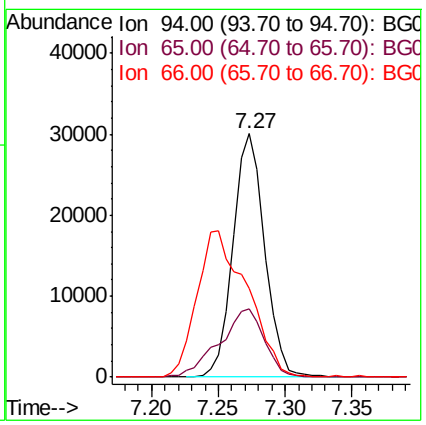


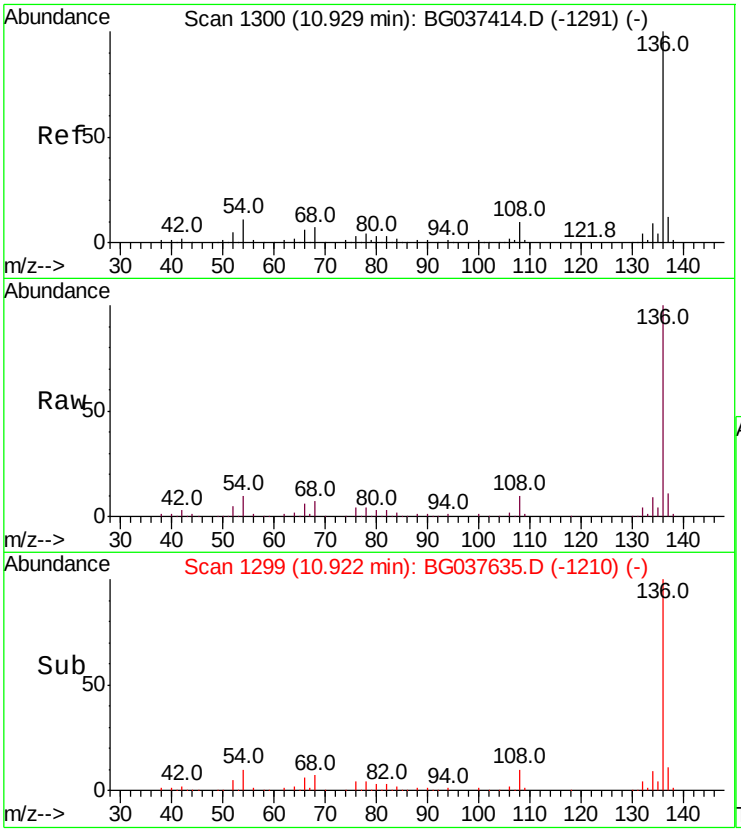


#10
Phenol
Concen: 9.754 ng
RT: 7.27 min Scan# 678
Delta R.T. -0.00 min
Lab File: BG037635.D
Acq: 29 Oct 2018 23:03

Tgt Ion: 94 Resp: 49350

Ion	Ratio	Lower	Upper
94	100		
65	28.3	9.7	49.7
66	36.3	15.9	55.9



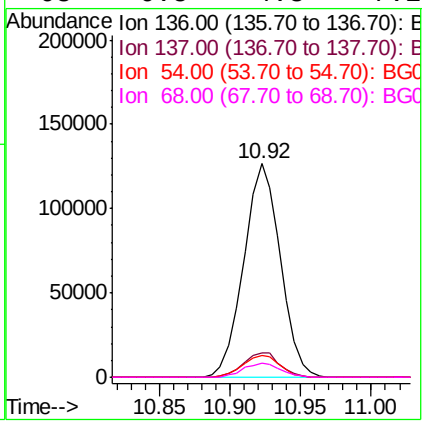


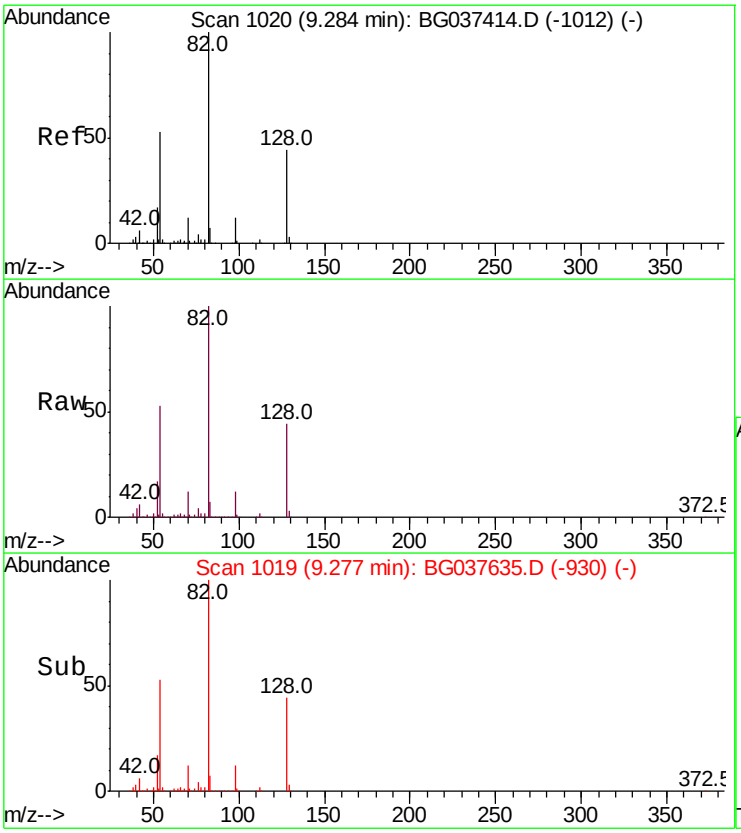
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037635.D
Acq: 29 Oct 2018 23:03

Instrument :
BNA_G
ClientSampleId :
DL-08B

Tgt Ion:136 Resp: 230291

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.6	14.4
54	10.2	7.9	11.9
68	6.5	4.8	7.2

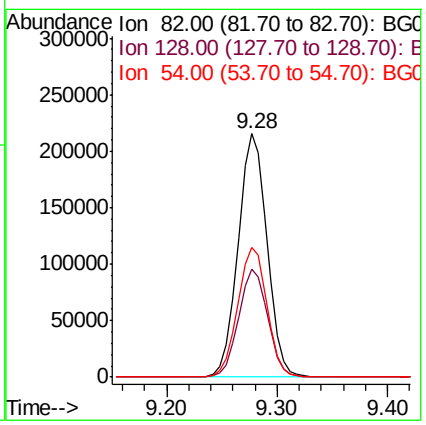


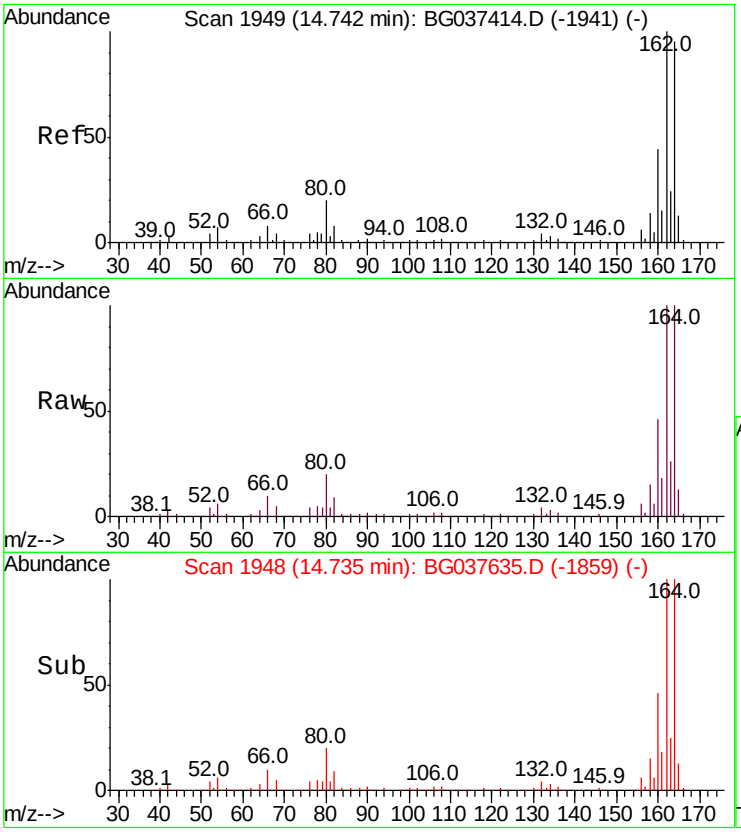


#23
Nitrobenzene-d5
Concen: 96.913 ng
RT: 9.28 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037635.D
Acq: 29 Oct 2018 23:03

Tgt Ion: 82 Resp: 398403

Ion	Ratio	Lower	Upper
82	100		
128	44.2	34.6	51.8
54	53.2	45.3	67.9



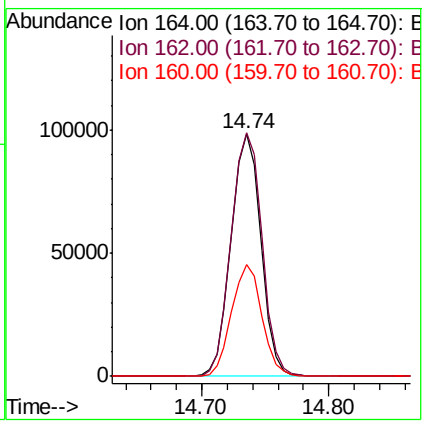


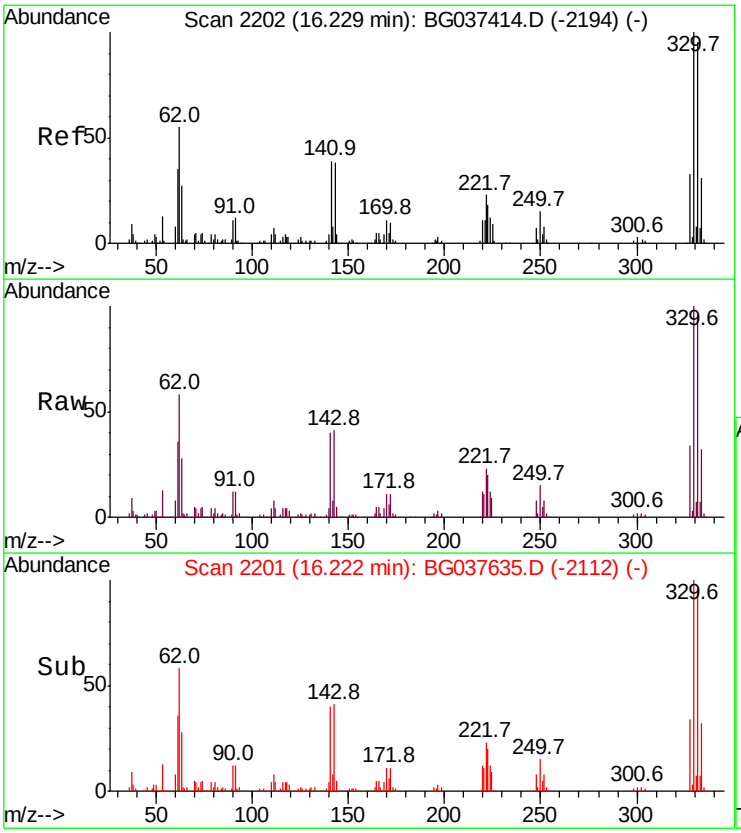
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.74 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BG037635.D
Acq: 29 Oct 2018 23:03

Instrument :
BNA_G
ClientSampleId :
DL-08B

Tgt Ion:164 Resp: 159885

Ion	Ratio	Lower	Upper
164	100		
162	100.5	81.3	121.9
160	46.3	36.3	54.5

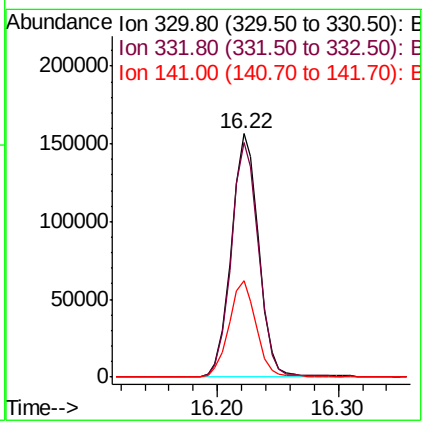


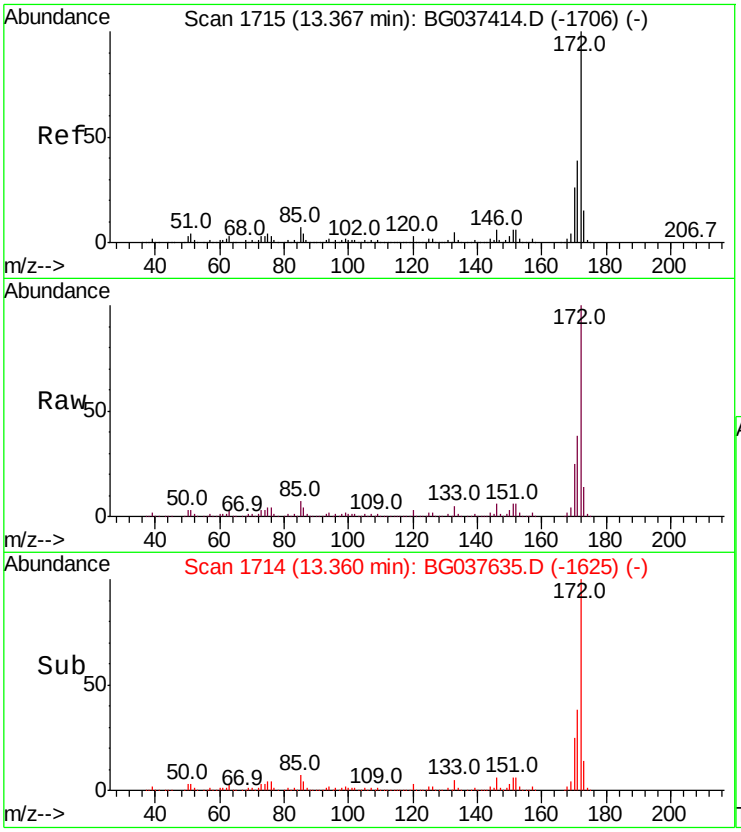


#42
2,4,6-Tribromophenol
Concen: 141.649 ng
RT: 16.22 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BG037635.D
Acq: 29 Oct 2018 23:03

Tgt Ion:330 Resp: 247014

Ion	Ratio	Lower	Upper
330	100		
332	97.2	78.4	117.6
141	39.5	32.2	48.2



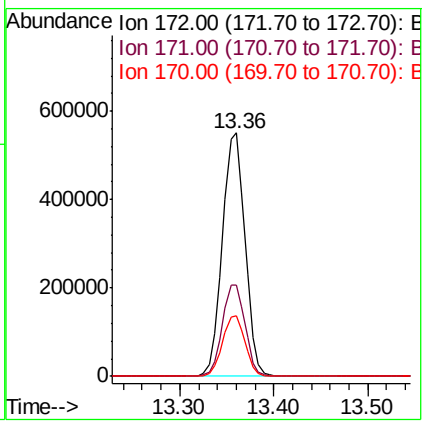


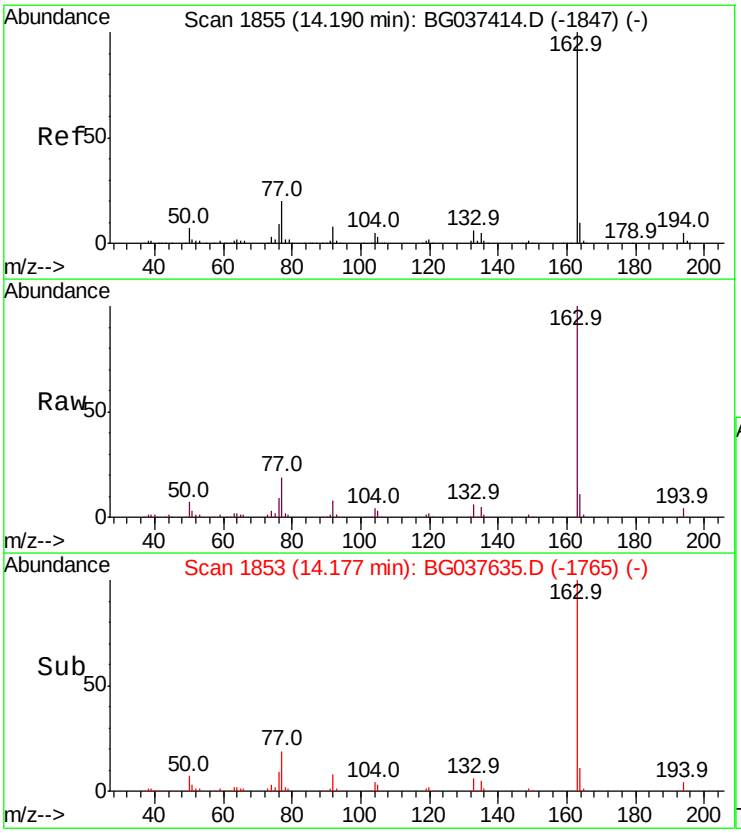
#45
2-Fluorobiphenyl
Concen: 87.151 ng
RT: 13.36 min Scan# 1714
Delta R.T. -0.01 min
Lab File: BG037635.D
Acq: 29 Oct 2018 23:03

Instrument :
BNA_G
ClientSampleId :
DL-08B

Tgt Ion:172 Resp: 924048

Ion	Ratio	Lower	Upper
172	100		
171	37.6	31.0	46.4
170	24.9	20.2	30.2

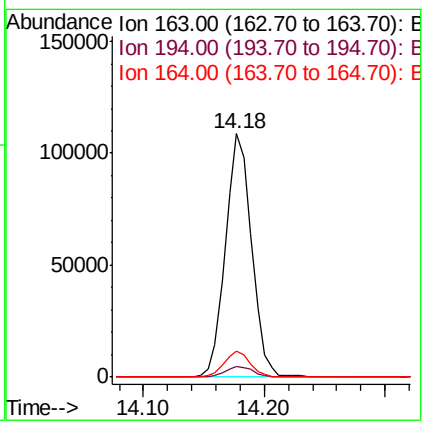


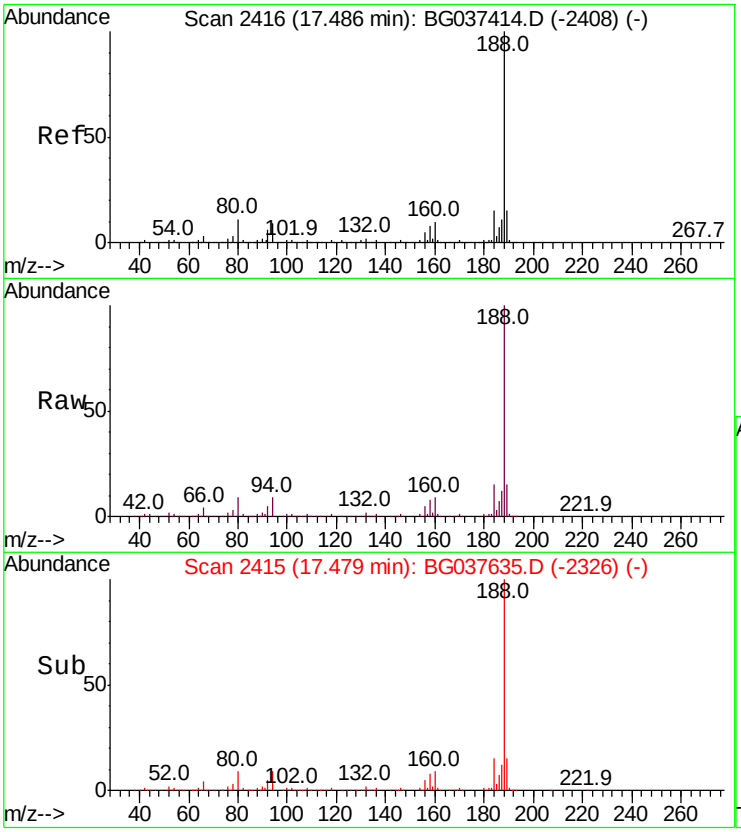


#50
Dimethylphthalate
Concen: 13.203 ng
RT: 14.18 min Scan# 1853
Delta R.T. -0.01 min
Lab File: BG037635.D
Acq: 29 Oct 2018 23:03

Tgt Ion:163 Resp: 163304

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.5	5.3
164	10.8	8.5	12.7



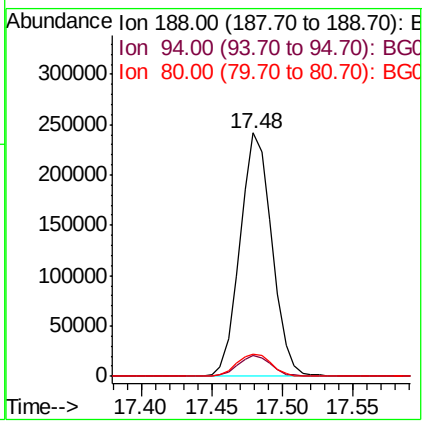


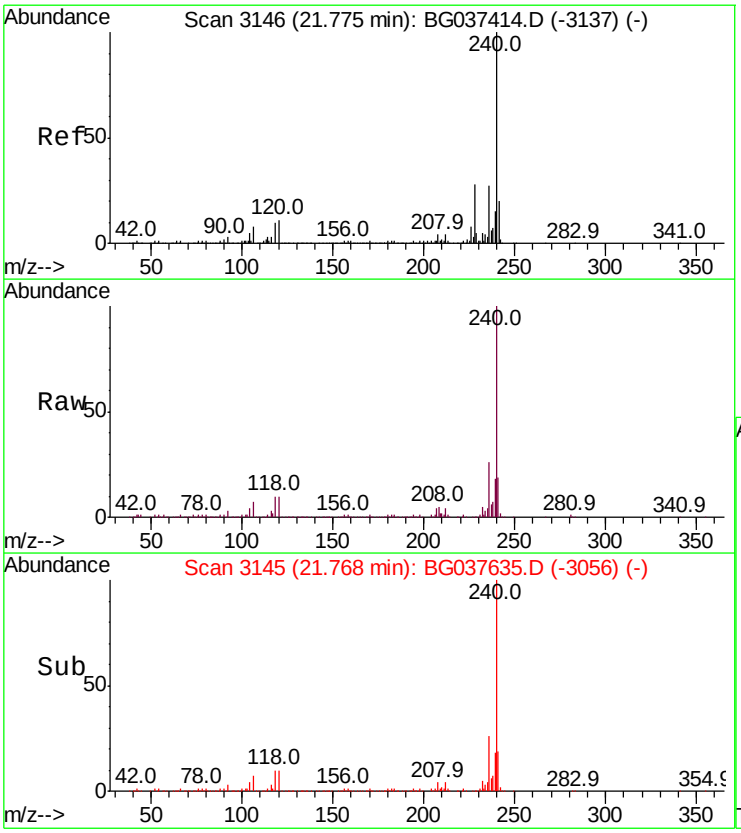
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BG037635.D
Acq: 29 Oct 2018 23:03

Instrument :
BNA_G
ClientSampleId :
DL-08B

Tgt Ion:188 Resp: 383005

Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.2	10.8
80	9.4	7.7	11.5

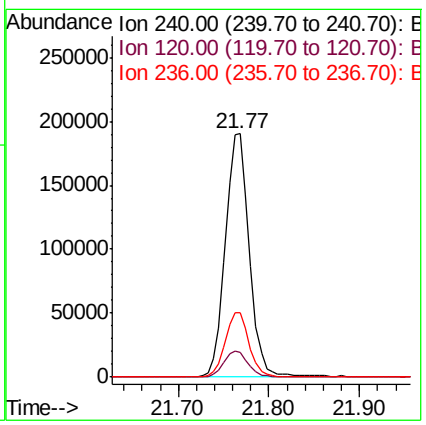


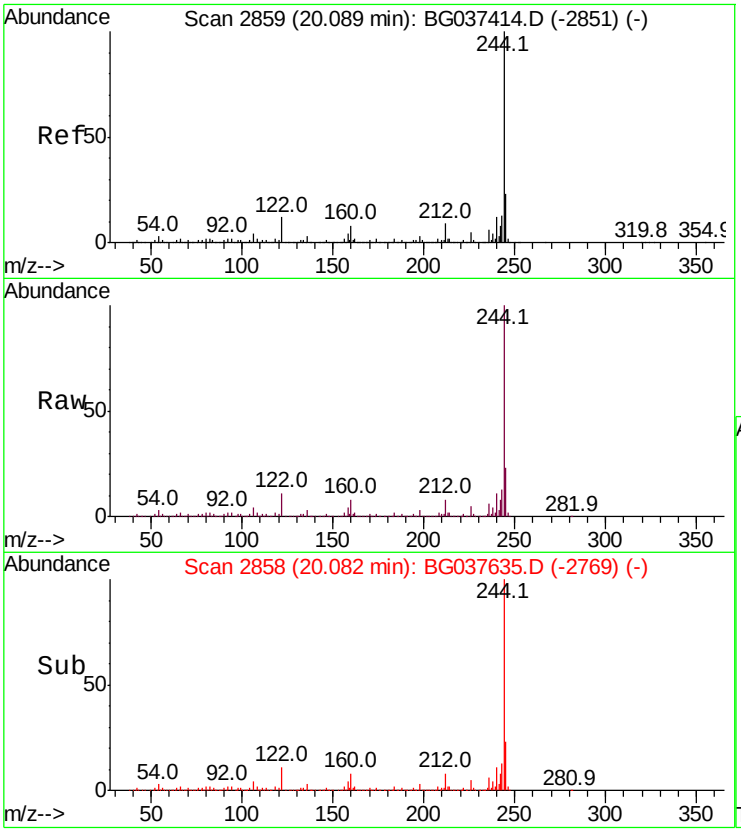


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BG037635.D
Acq: 29 Oct 2018 23:03

Tgt Ion:240 Resp: 349397

Ion	Ratio	Lower	Upper
240	100		
120	10.3	8.1	12.1
236	26.3	21.4	32.0



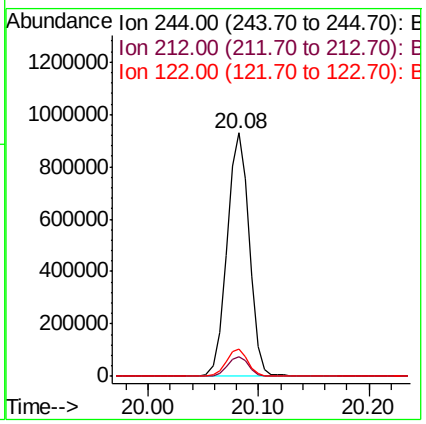


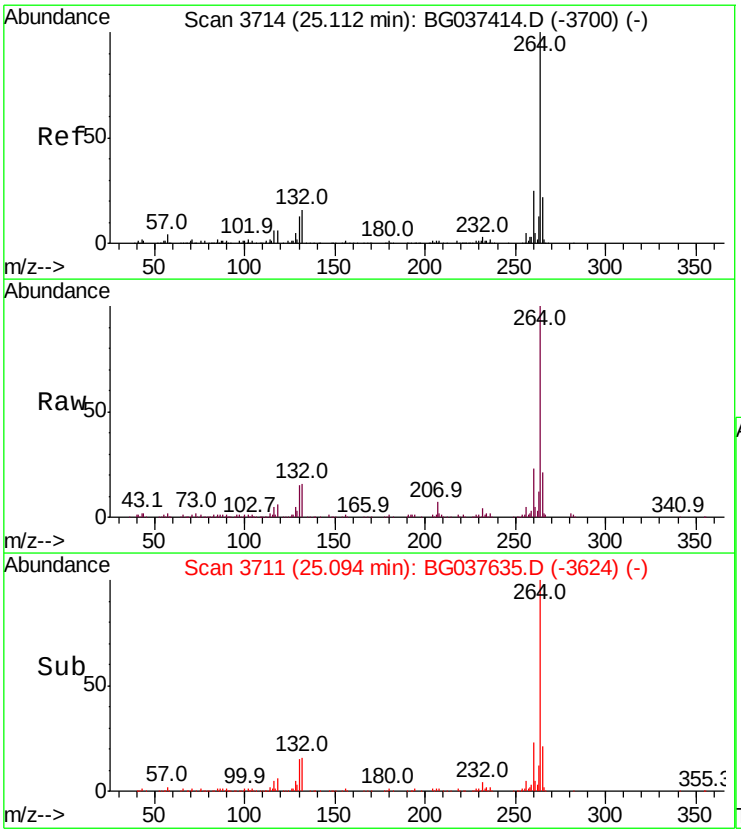
#79
Terphenyl-d14
Concen: 80.077 ng
RT: 20.08 min Scan# 2858
Delta R.T. -0.01 min
Lab File: BG037635.D
Acq: 29 Oct 2018 23:03

Instrument :
BNA_G
ClientSampleId :
DL-08B

Tgt Ion:244 Resp: 1309392

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.5	9.7
122	11.3	9.0	13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.09 min Scan# 3711
Delta R.T. -0.02 min
Lab File: BG037635.D
Acq: 29 Oct 2018 23:03

Tgt Ion:264 Resp: 333144

Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.2	27.4
265	21.3	17.9	26.9