Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121718\
Data File : BG038671.D
Acq On : 17 Dec 2018 20:21
Operator : JU/SJ
Sample : J6347-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P001-SD001-0612-01

Quant Time: Dec 18 03:37:34 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 15:26:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	20608	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	85811	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	57786	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	150904	20.00	ng	0.00
76) Chrysene-d12	21.72	240	149094	20.00	ng	0.00
87) Perylene-d12	25.02	264	163461	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	175946	151.43	ng	0.00
7) Phenol-d6	7.21	99	236975	148.57	ng	0.00
23) Nitrobenzene-d5	9.24	82	155965	92.85	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	117309	147.30	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	348965	82.84	ng	0.00
79) Terphenyl-d14	20.04	244	571244	83.38	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.23	94	14196	8.377	ng	90
13) 1,4-Dichlorobenzene	8.09	146	3854	2.367	ng	91
50) Dimethylphthalate	14.14	163	30177	6.395	ng	97

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

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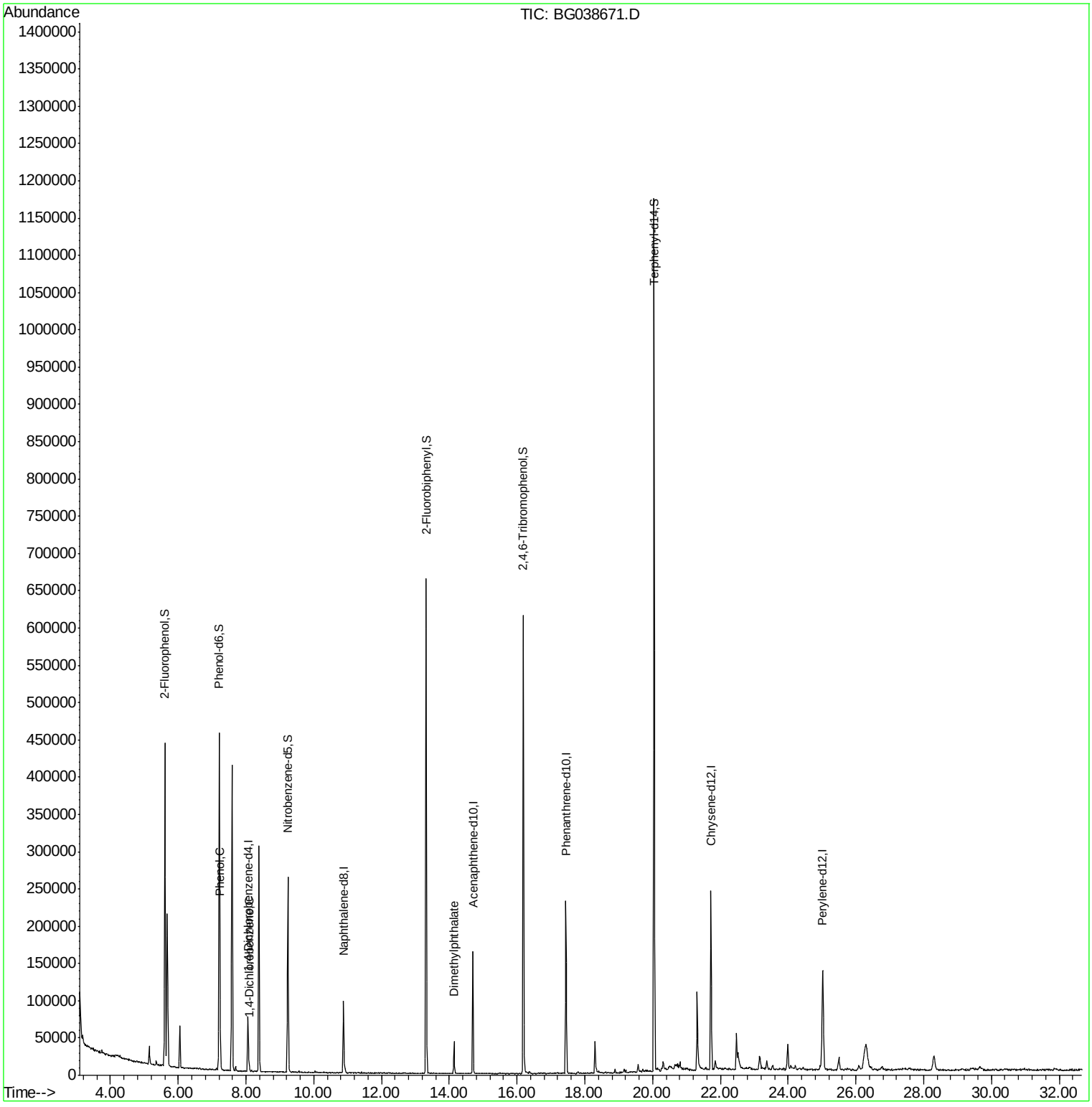
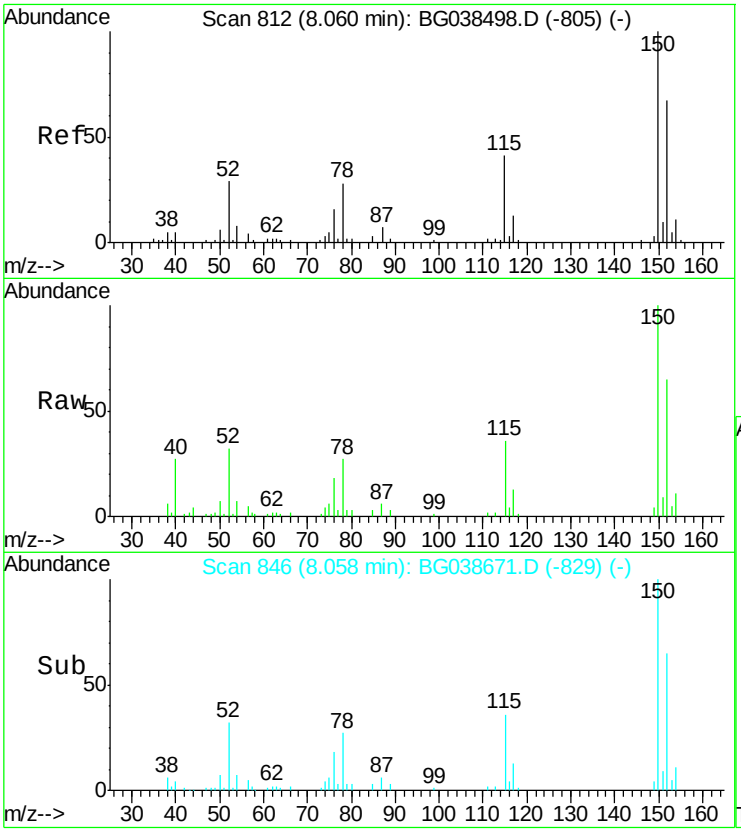


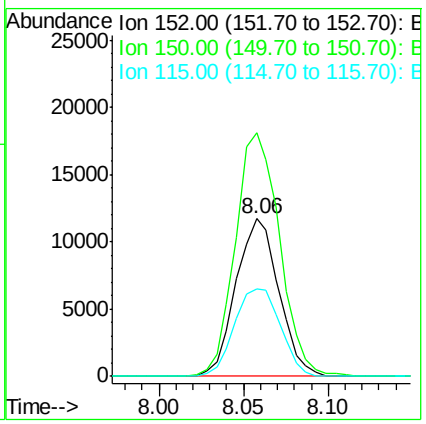


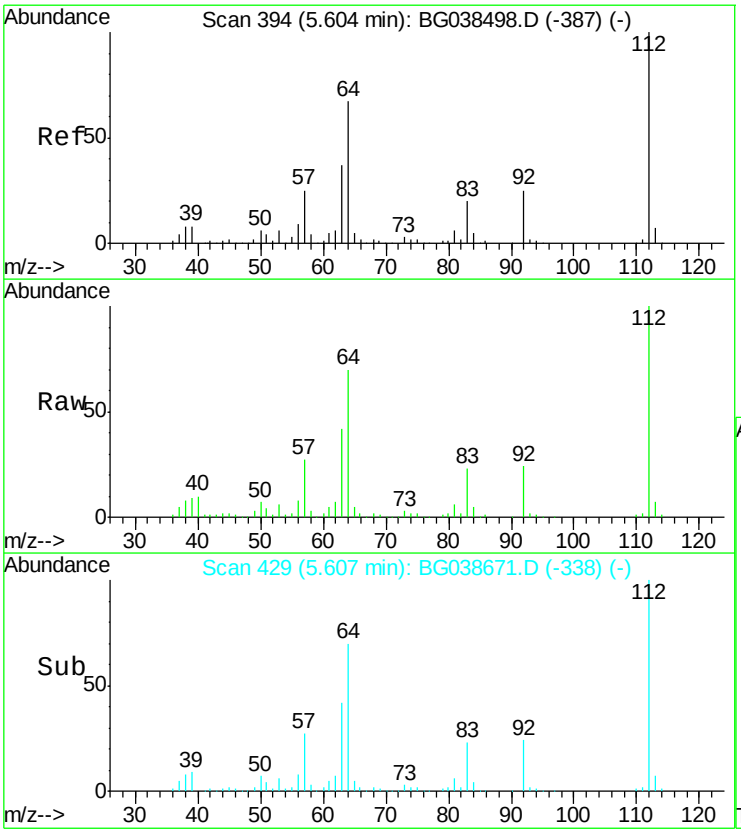
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BG038671.D
Acq: 17 Dec 2018 20:21

Instrument :
BNA_G
ClientSampleId :
P001-SD001-0612-01

Tgt Ion:152 Resp: 20608

Ion	Ratio	Lower	Upper
152	100		
150	154.6	119.5	179.3
115	55.5	49.6	74.4

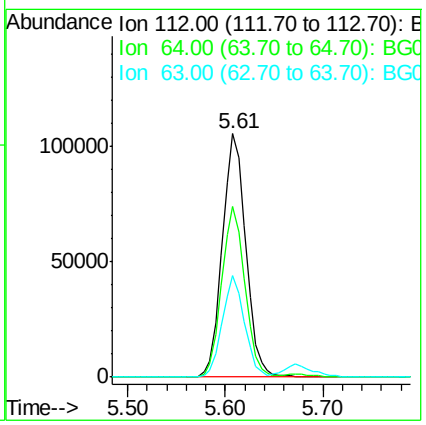


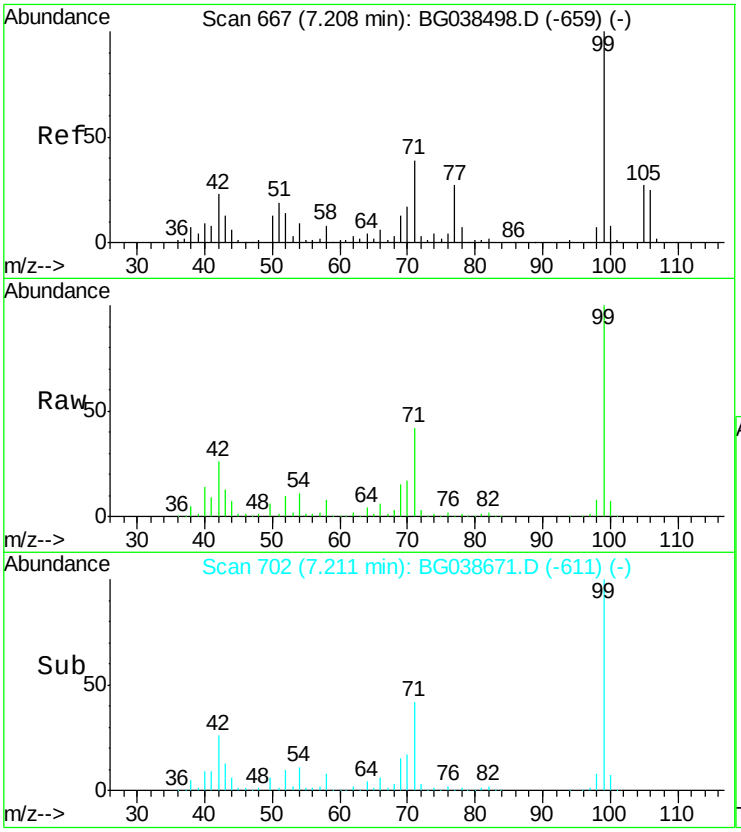


#5
2-Fluorophenol
Concen: 151.430 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.00 min
Lab File: BG038671.D
Acq: 17 Dec 2018 20:21

Tgt Ion:112 Resp: 175946

Ion	Ratio	Lower	Upper
112	100		
64	69.8	53.4	80.2
63	41.9	29.3	43.9



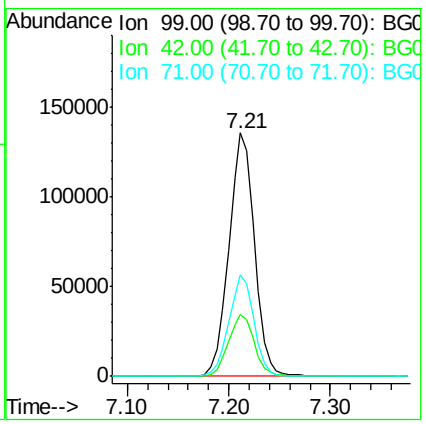


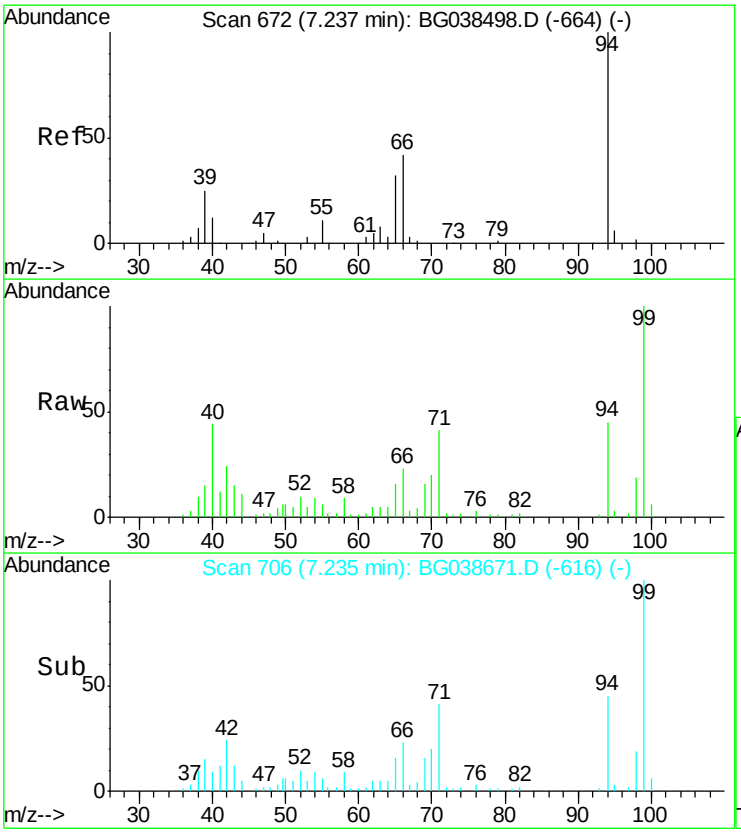
#7
Phenol-d6
Concen: 148.568 ng
RT: 7.21 min Scan# 702
Delta R.T. 0.00 min
Lab File: BG038671.D
Acq: 17 Dec 2018 20:21

Instrument :
BNA_G
ClientSampleId :
P001-SD001-0612-01

Tgt Ion: 99 Resp: 236975

Ion	Ratio	Lower	Upper
99	100		
42	25.5	18.5	27.7
71	41.8	31.1	46.7

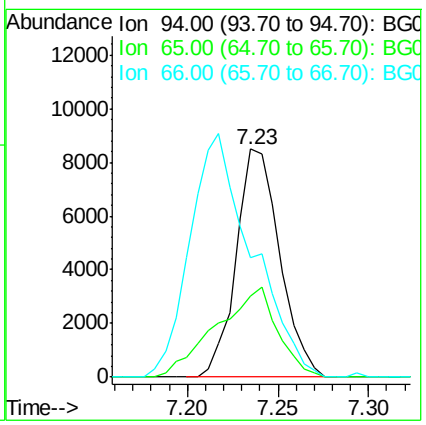


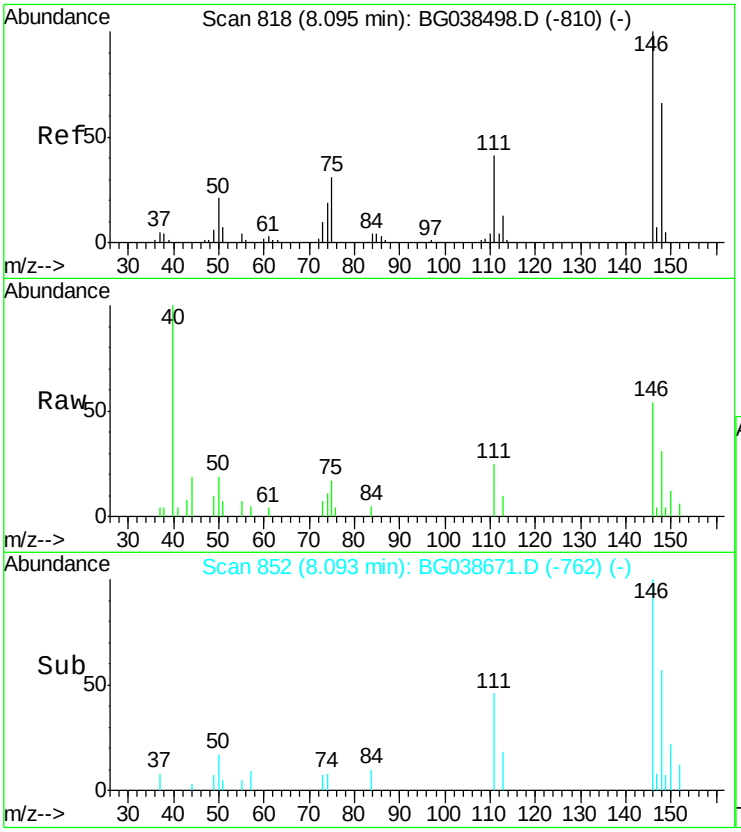


#10
Phenol
Concen: 8.377 ng
RT: 7.23 min Scan# 706
Delta R.T. -0.00 min
Lab File: BG038671.D
Acq: 17 Dec 2018 20:21

Tgt Ion: 94 Resp: 14196

Ion	Ratio	Lower	Upper
94	100		
65	35.7	12.6	52.6
66	52.2	24.1	64.1



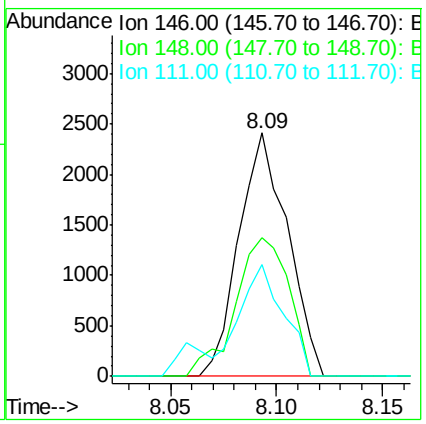


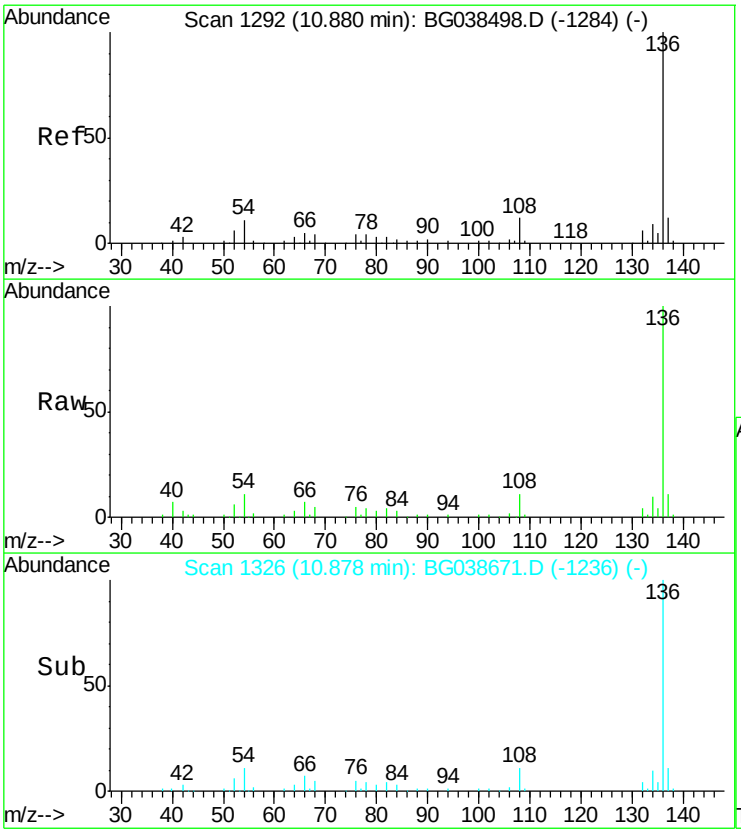
#13
1,4-Dichlorobenzene
Concen: 2.367 ng
RT: 8.09 min Scan# 852
Delta R.T. -0.00 min
Lab File: BG038671.D
Acq: 17 Dec 2018 20:21

Instrument :
BNA_G
ClientSampleId :
P001-SD001-0612-01

Tgt Ion:146 Resp: 3854

Ion	Ratio	Lower	Upper
146	100		
148	57.1	52.4	78.6
111	45.9	33.0	49.4

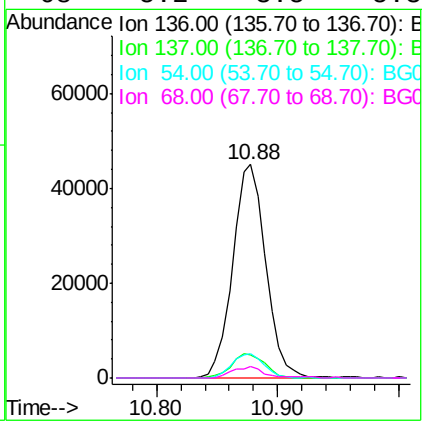


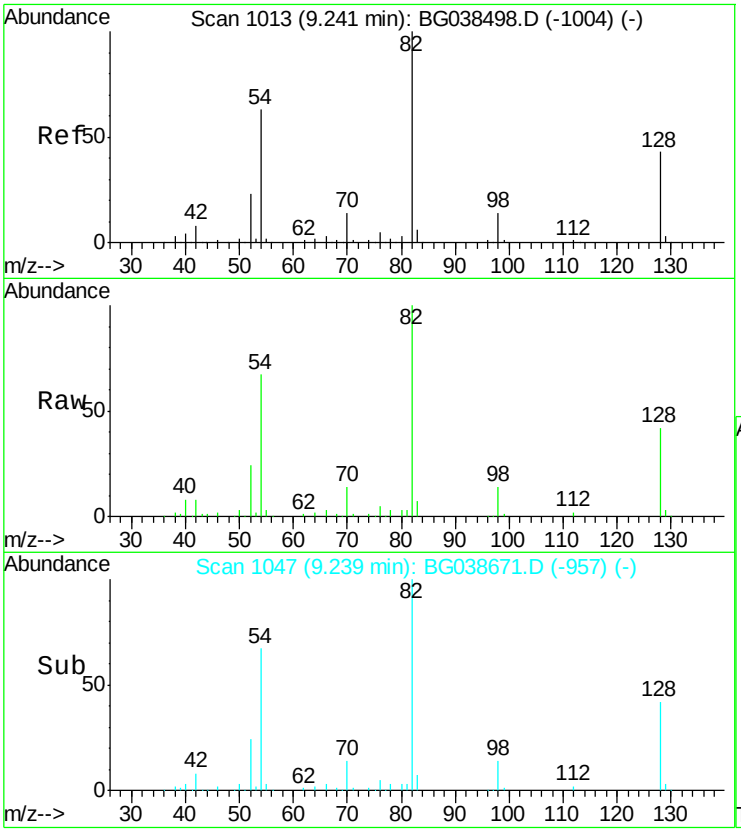


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG038671.D
Acq: 17 Dec 2018 20:21

Tgt Ion:136 Resp: 85811

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.3	13.9
54	11.5	8.5	12.7
68	5.2	3.5	5.3



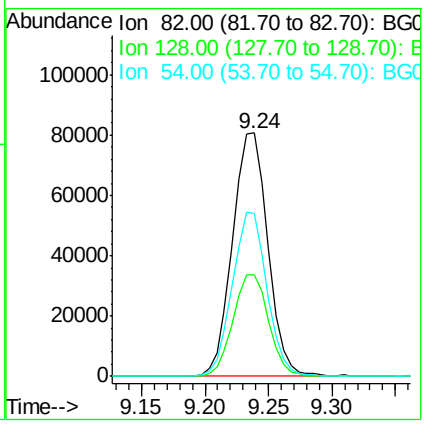


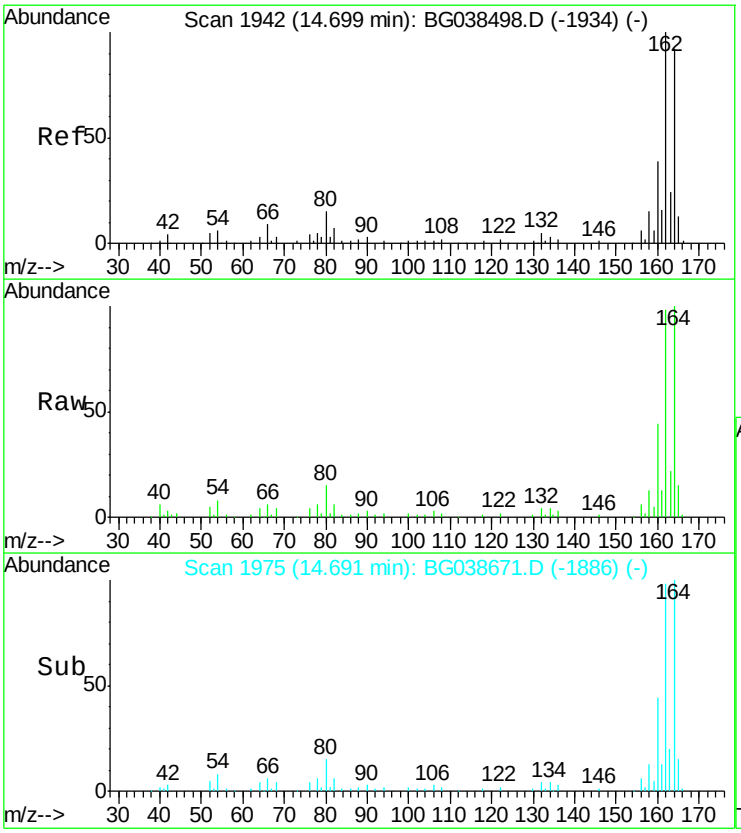
#23
Nitrobenzene-d5
Concen: 92.853 ng
RT: 9.24 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BG038671.D
Acq: 17 Dec 2018 20:21

Instrument :
BNA_G
ClientSampleId :
P001-SD001-0612-01

Tgt Ion: 82 Resp: 155965

Ion	Ratio	Lower	Upper
82	100		
128	41.8	34.6	52.0
54	67.0	50.6	76.0

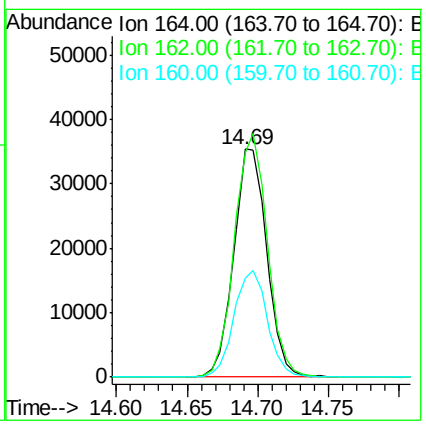


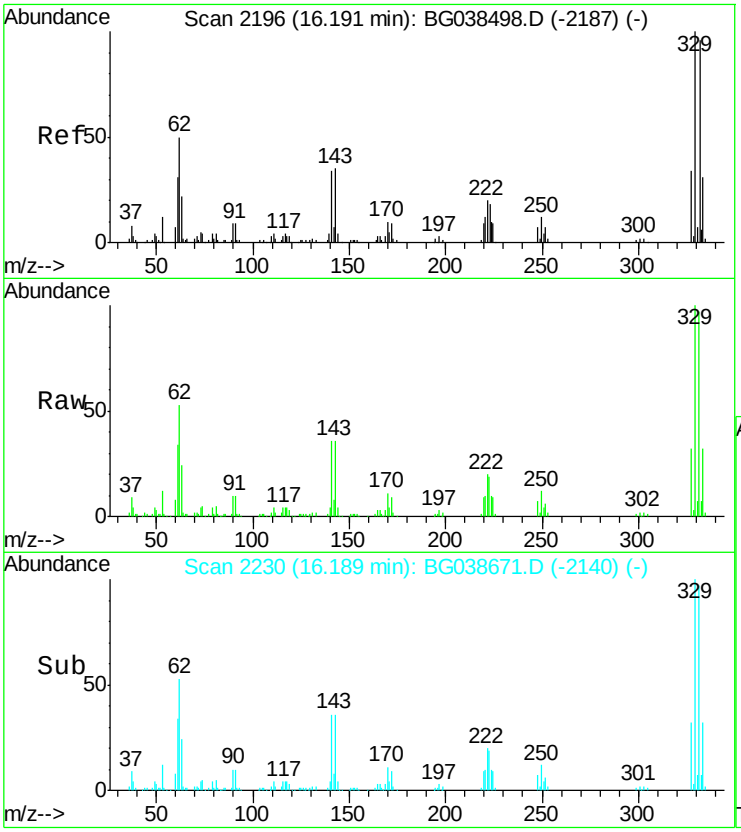


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BG038671.D
Acq: 17 Dec 2018 20:21

Tgt Ion:164 Resp: 57786

Ion	Ratio	Lower	Upper
164	100		
162	98.4	86.6	130.0
160	43.6	34.2	51.2



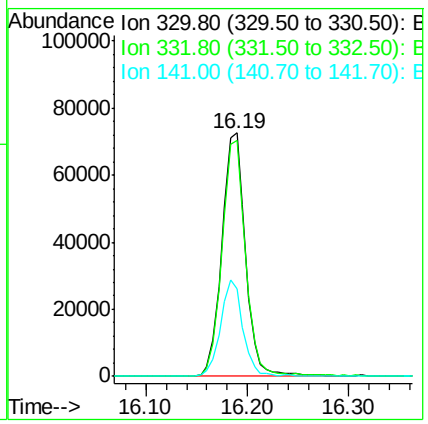


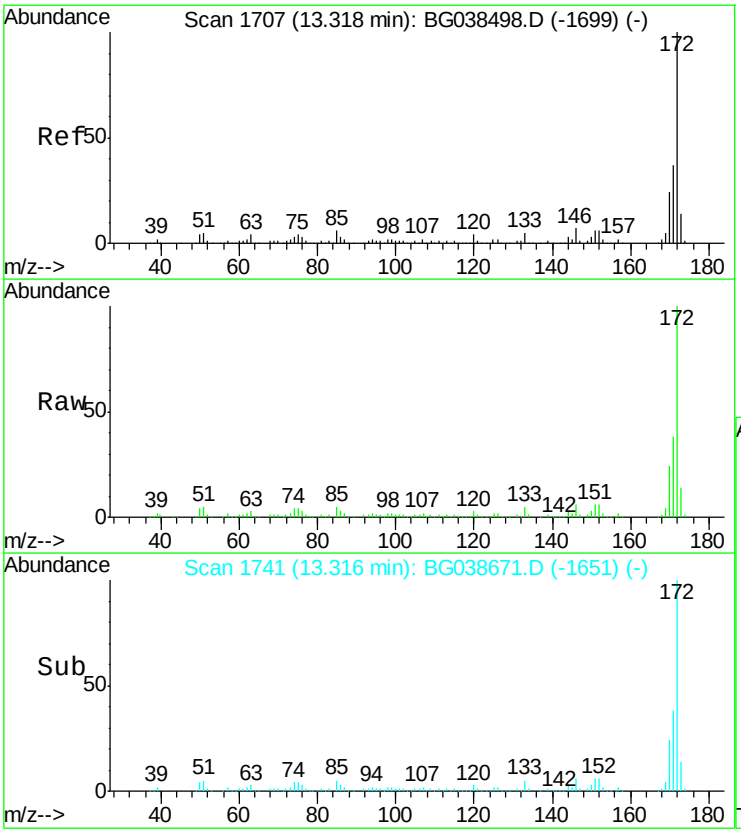
#42
2,4,6-Tribromophenol
Concen: 147.300 ng
RT: 16.19 min Scan# 2230
Delta R.T. -0.00 min
Lab File: BG038671.D
Acq: 17 Dec 2018 20:21

Instrument :
BNA_G
ClientSampleId :
P001-SD001-0612-01

Tgt Ion:330 Resp: 117309

Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.9	115.3
141	37.5	28.8	43.2

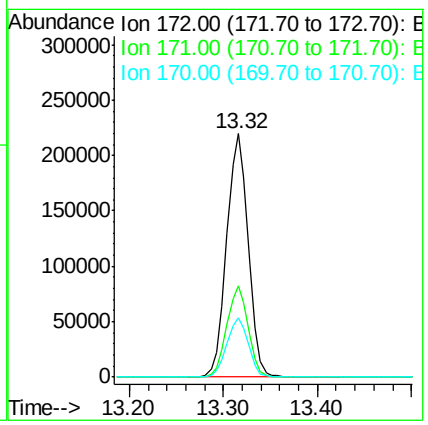


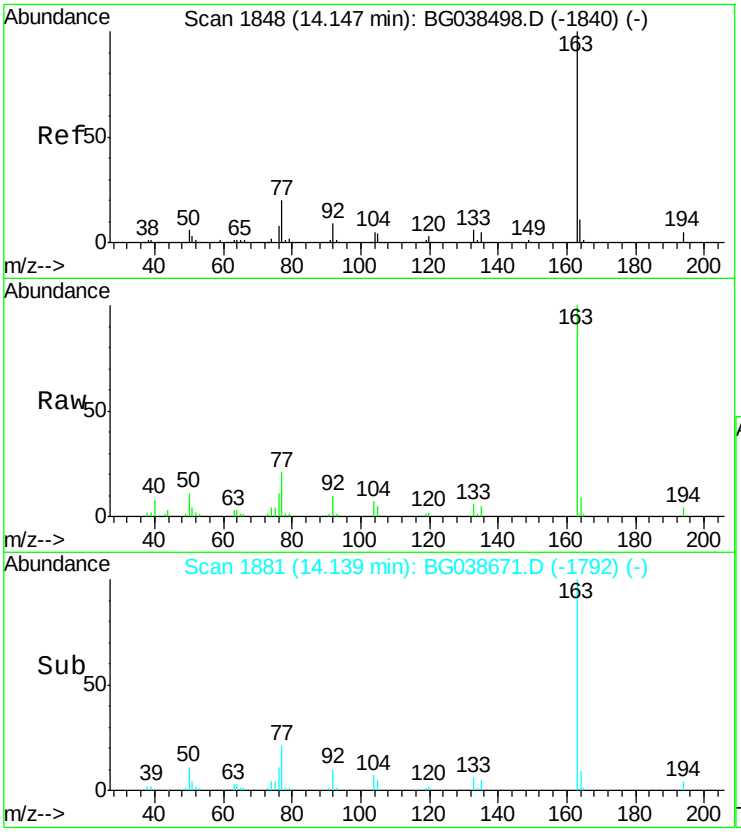


#45
2-Fluorobiphenyl
Concen: 82.845 ng
RT: 13.32 min Scan# 1741
Delta R.T. -0.00 min
Lab File: BG038671.D
Acq: 17 Dec 2018 20:21

Tgt Ion:172 Resp: 348965

Ion	Ratio	Lower	Upper
172	100		
171	37.6	29.8	44.6
170	24.3	19.5	29.3



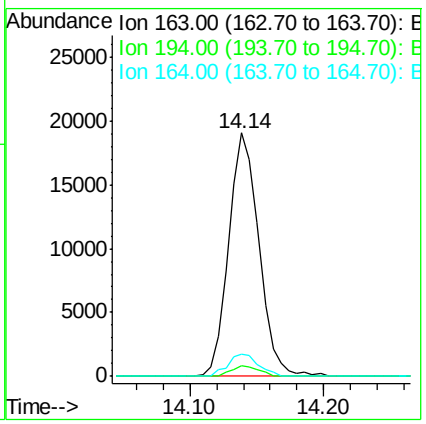


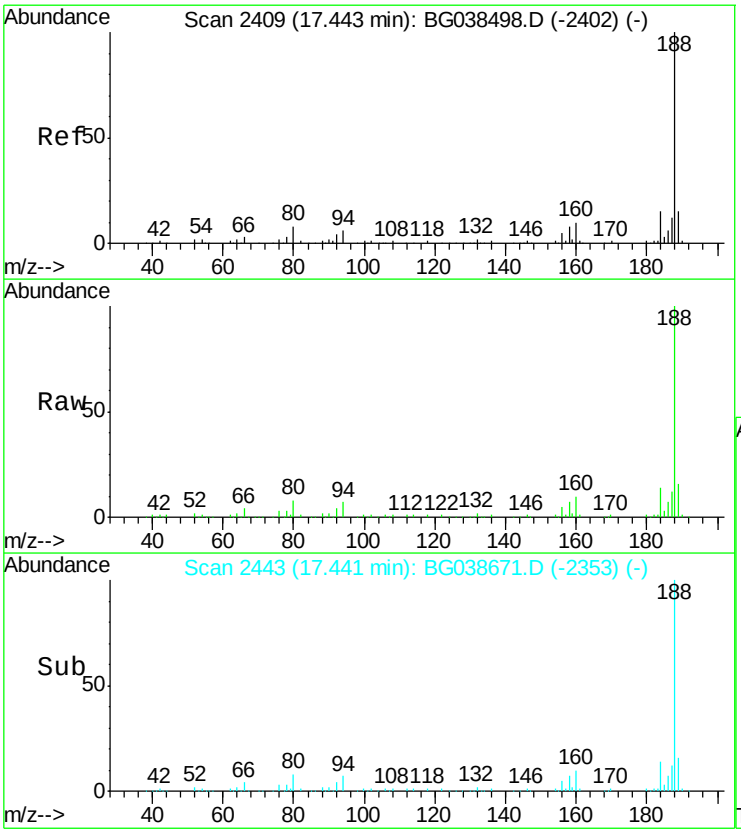
#50
Dimethylphthalate
Concen: 6.395 ng
RT: 14.14 min Scan# 1881
Delta R.T. -0.01 min
Lab File: BG038671.D
Acq: 17 Dec 2018 20:21

Instrument :
BNA_G
ClientSampleId :
P001-SD001-0612-01

Tgt Ion:163 Resp: 30177

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.7	5.5
164	9.3	8.6	12.8

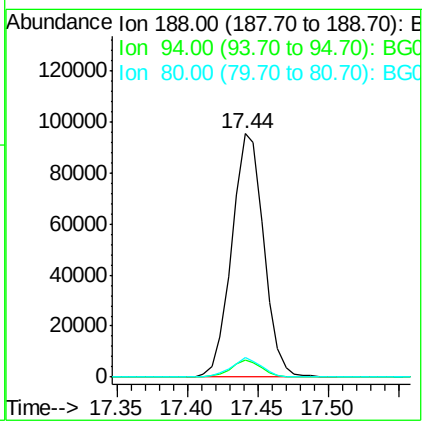


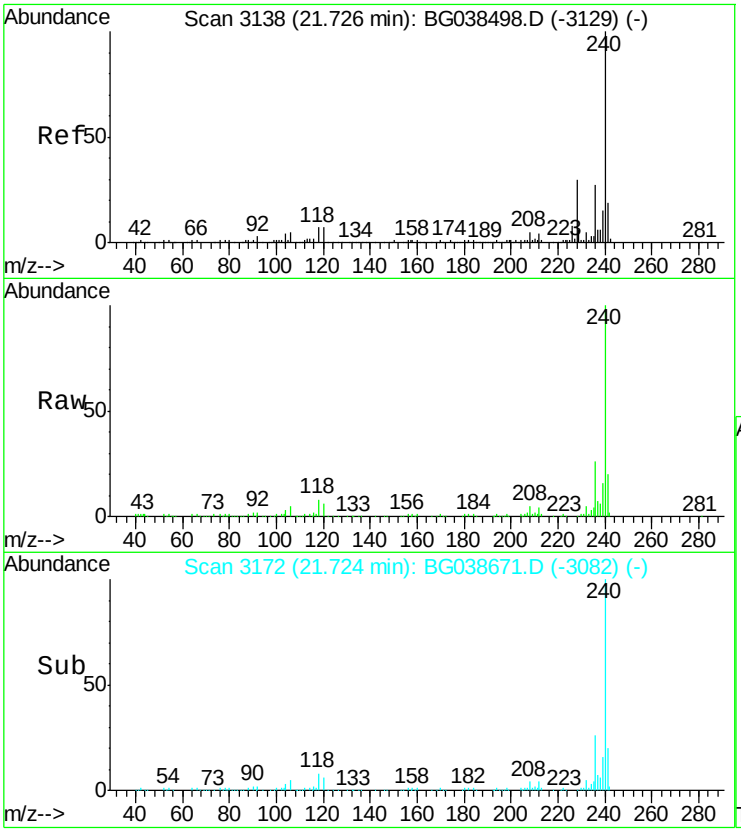


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG038671.D
Acq: 17 Dec 2018 20:21

Tgt Ion:188 Resp: 150904

Ion	Ratio	Lower	Upper
188	100		
94	7.2	5.1	7.7
80	7.8	6.1	9.1



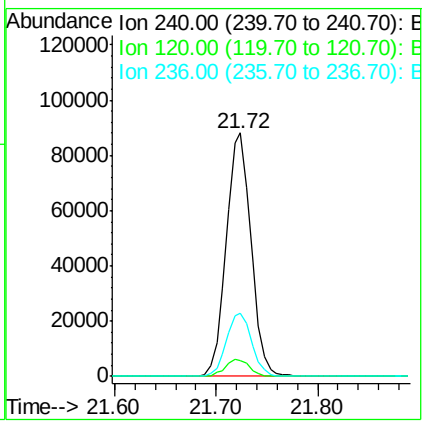


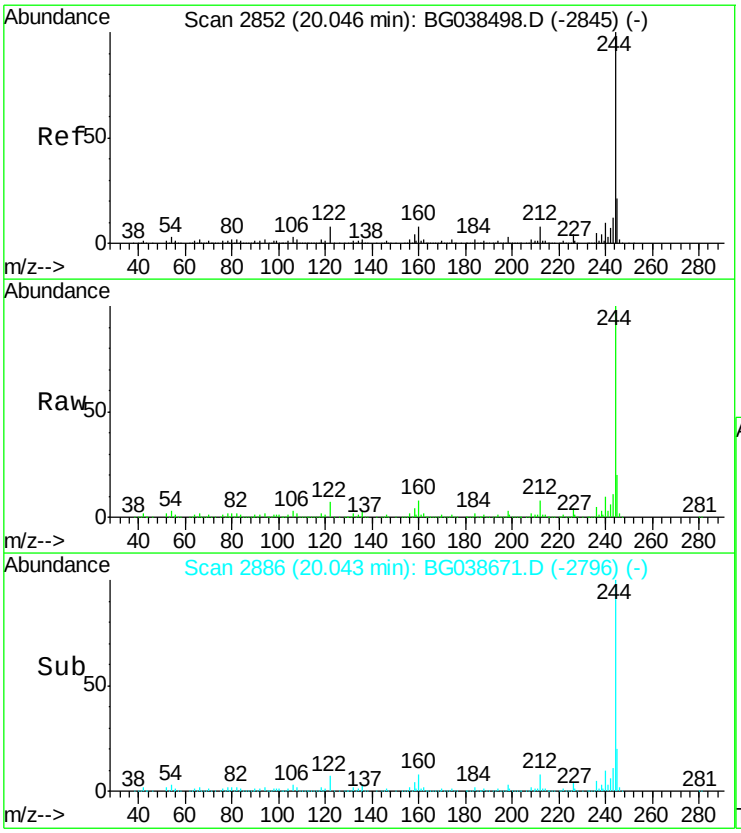
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3172
Delta R.T. -0.00 min
Lab File: BG038671.D
Acq: 17 Dec 2018 20:21

Instrument :
BNA_G
ClientSampleId :
P001-SD001-0612-01

Tgt Ion:240 Resp: 149094

Ion	Ratio	Lower	Upper
240	100		
120	6.4	5.3	7.9
236	26.1	21.4	32.2

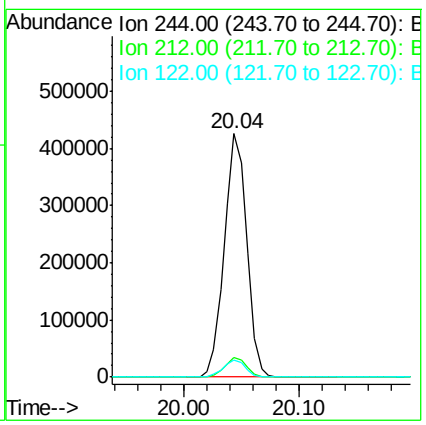


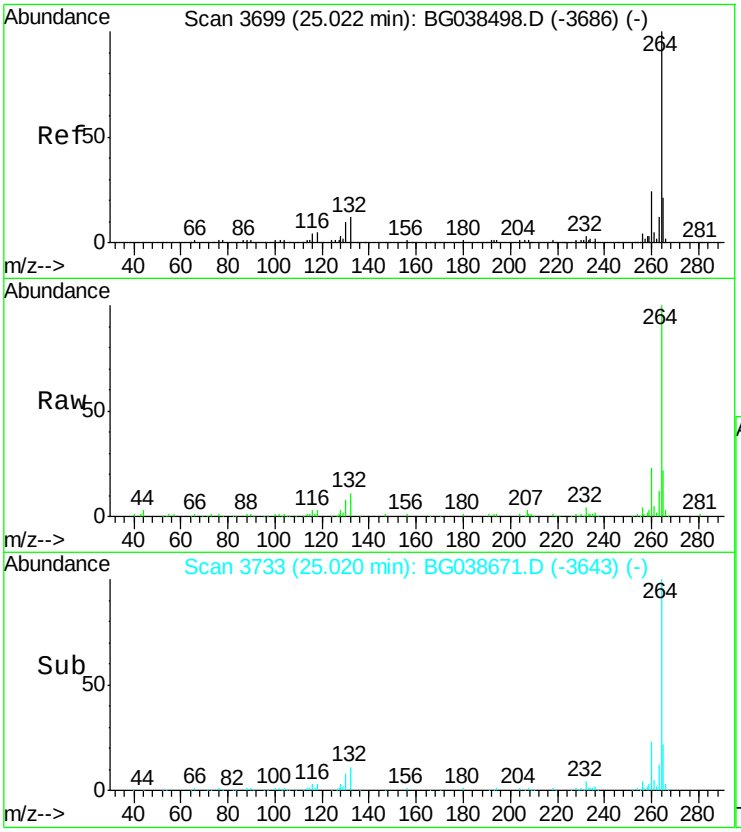


#79
Terphenyl-d14
Concen: 83.385 ng
RT: 20.04 min Scan# 2886
Delta R.T. -0.00 min
Lab File: BG038671.D
Acq: 17 Dec 2018 20:21

Tgt Ion:244 Resp: 571244

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.2	9.2
122	7.3	6.3	9.5





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.02 min Scan# 3733
Delta R.T. -0.00 min
Lab File: BG038671.D
Acq: 17 Dec 2018 20:21

Instrument :
BNA_G
ClientSampleId :
P001-SD001-0612-01

Tgt Ion:264 Resp: 163461

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.9	28.3
265	22.4	17.0	25.4