Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122118\
Data File : BG038799.D
Acq On : 21 Dec 2018 23:23
Operator : JU/SJ
Sample : J6492-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : QNWP8-MW27S-GW

Quant Time: Dec 22 03:35:16 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	26117	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	110092	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	74631	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	167382	20.00	ng	0.00
76) Chrysene-d12	21.73	240	165158	20.00	ng	0.00
87) Perylene-d12	25.03	264	178328	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	91046	61.83	ng	0.01
7) Phenol-d6	7.22	99	80230	39.69	ng	0.01
23) Nitrobenzene-d5	9.24	82	192604	89.38	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	165826	161.22	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	515755	94.80	ng	0.00
79) Terphenyl-d14	20.05	244	795852	104.87	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.24	94	10764	5.012	ng	90
31) Naphthalene	10.93	128	191972	35.391	ng	99
38) 1-Methylnaphthalene	12.75	142	69750	18.574	ng	99
50) Dimethylphthalate	14.14	163	26271	4.311	ng	98
52) Acenaphthene	14.76	154	43581	10.088	ng	94
55) Dibenzofuran	15.09	168	43868	5.924	ng	95
58) Fluorene	15.74	166	28563	5.206	ng	97
60) Diethylphthalate	15.50	149	214880	32.117	ng	99
71) Phenanthrene	17.49	178	58471	6.736	ng	98
73) Carbazole	17.85	167	55860	6.592	ng	98

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 15:26:27 2018
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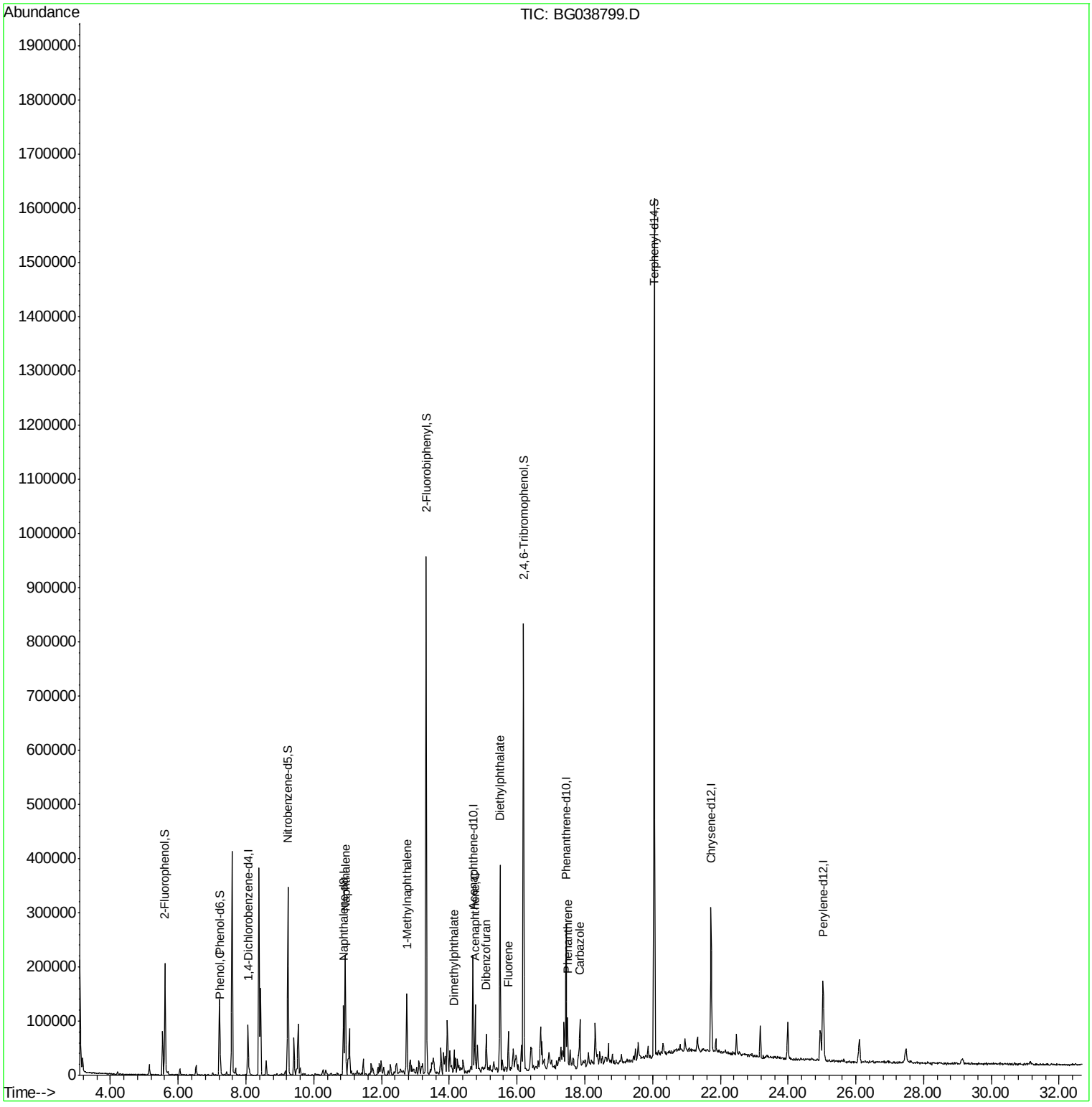
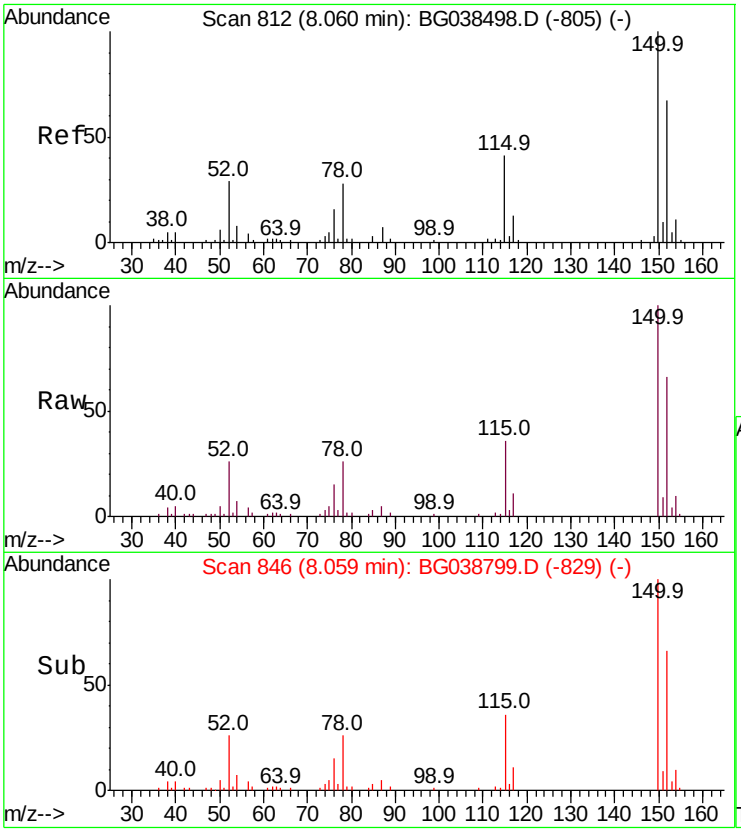


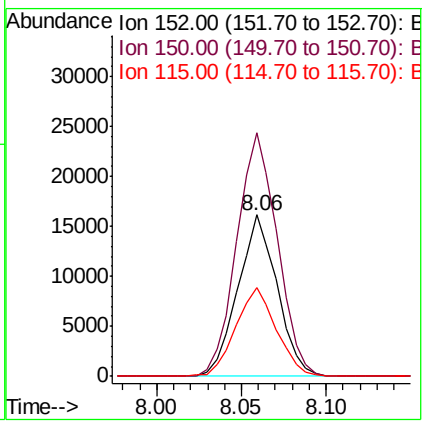


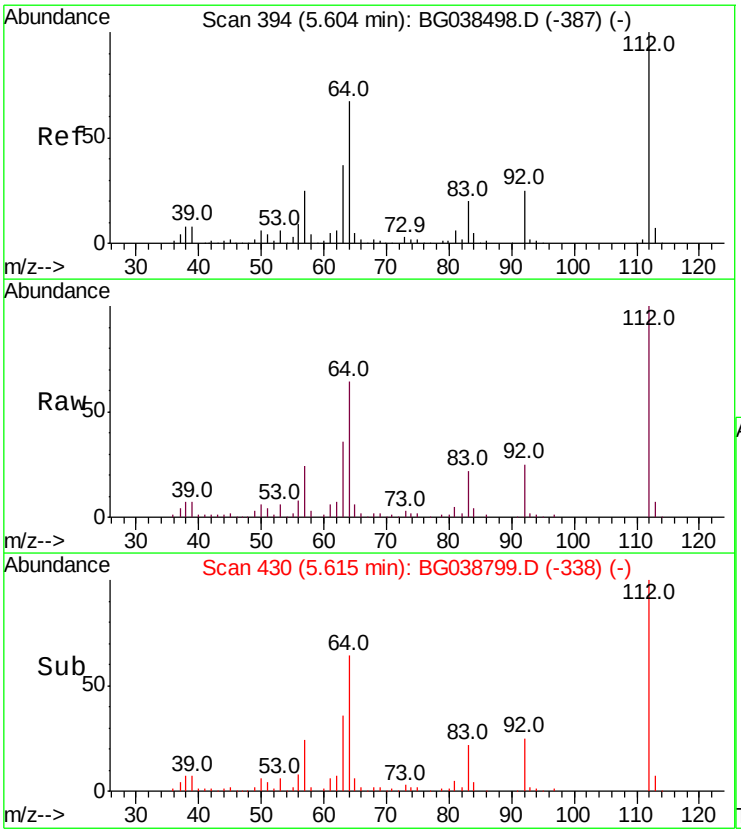
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BG038799.D
Acq: 21 Dec 2018 23:23

Instrument :
BNA_G
ClientSampleId :
QNWP8-MW27S-GW

Tgt Ion:152 Resp: 26117

Ion	Ratio	Lower	Upper
152	100		
150	150.7	119.5	179.3
115	54.8	49.6	74.4

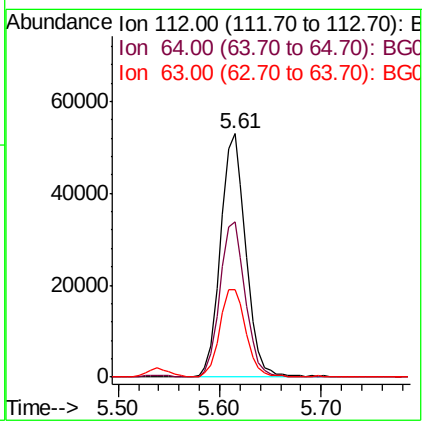


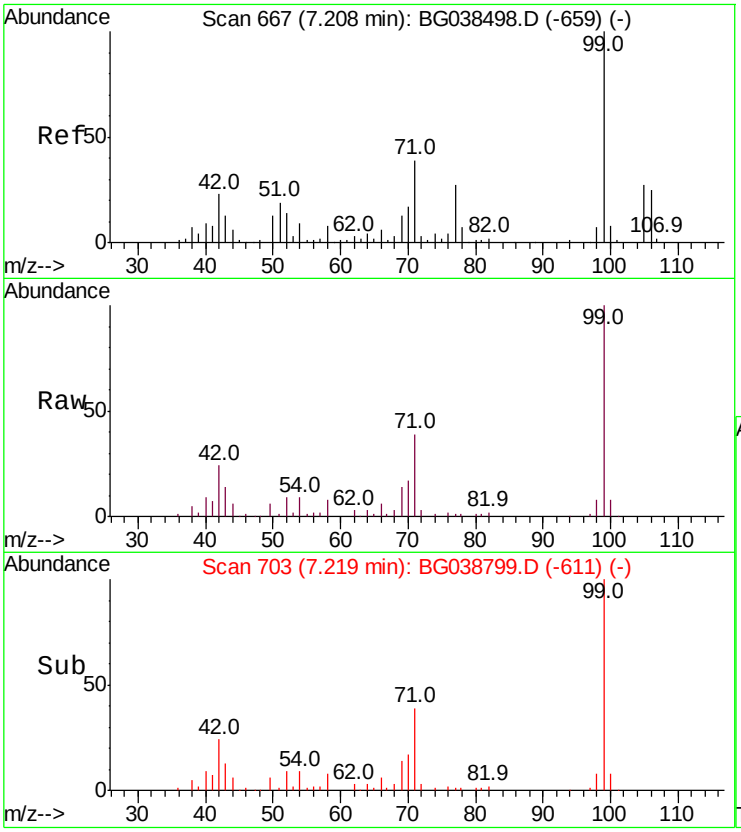


#5
2-Fluorophenol
Concen: 61.831 ng
RT: 5.61 min Scan# 430
Delta R.T. 0.01 min
Lab File: BG038799.D
Acq: 21 Dec 2018 23:23

Tgt Ion:112 Resp: 91046

Ion	Ratio	Lower	Upper
112	100		
64	63.6	53.4	80.2
63	36.1	29.3	43.9



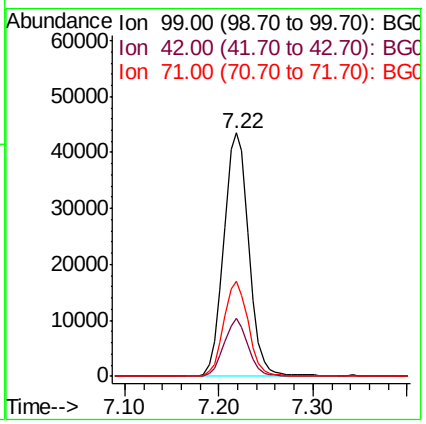


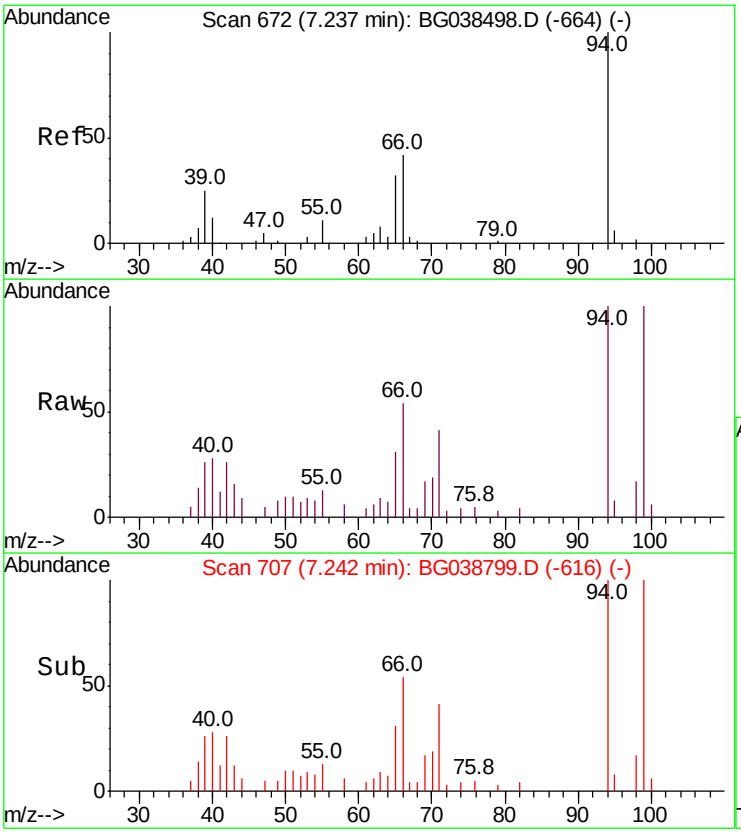
#7
Phenol-d6
Concen: 39.689 ng
RT: 7.22 min Scan# 703
Delta R.T. 0.01 min
Lab File: BG038799.D
Acq: 21 Dec 2018 23:23

Instrument :
BNA_G
ClientSampleId :
QNWP8-MW27S-GW

Tgt Ion: 99 Resp: 80230

Ion	Ratio	Lower	Upper
99	100		
42	23.6	18.5	27.7
71	39.3	31.1	46.7

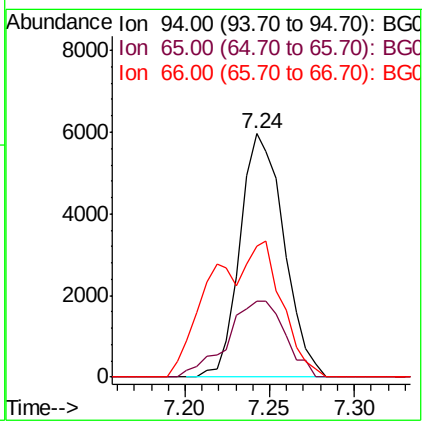


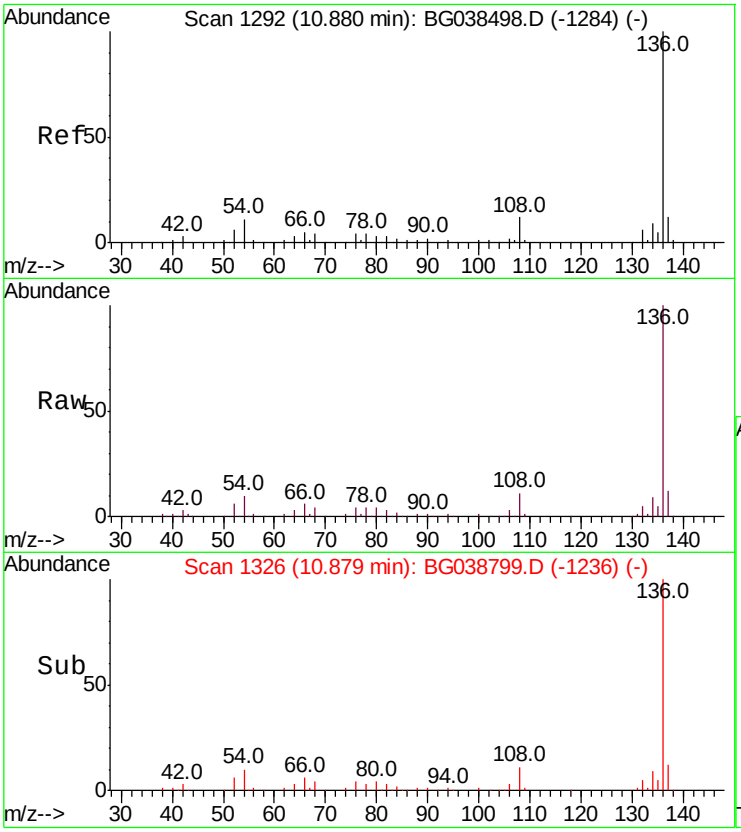


#10
Phenol
Concen: 5.012 ng
RT: 7.24 min Scan# 707
Delta R.T. 0.01 min
Lab File: BG038799.D
Acq: 21 Dec 2018 23:23

Tgt Ion: 94 Resp: 10764

Ion	Ratio	Lower	Upper
94	100		
65	31.0	12.6	52.6
66	53.8	24.1	64.1



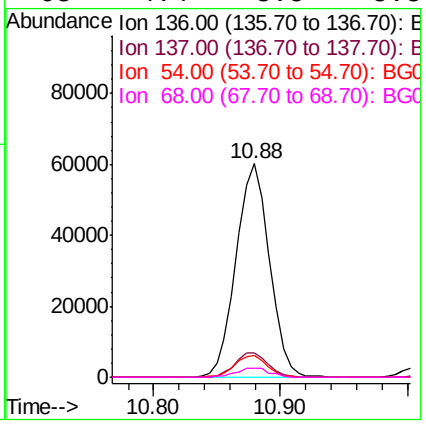


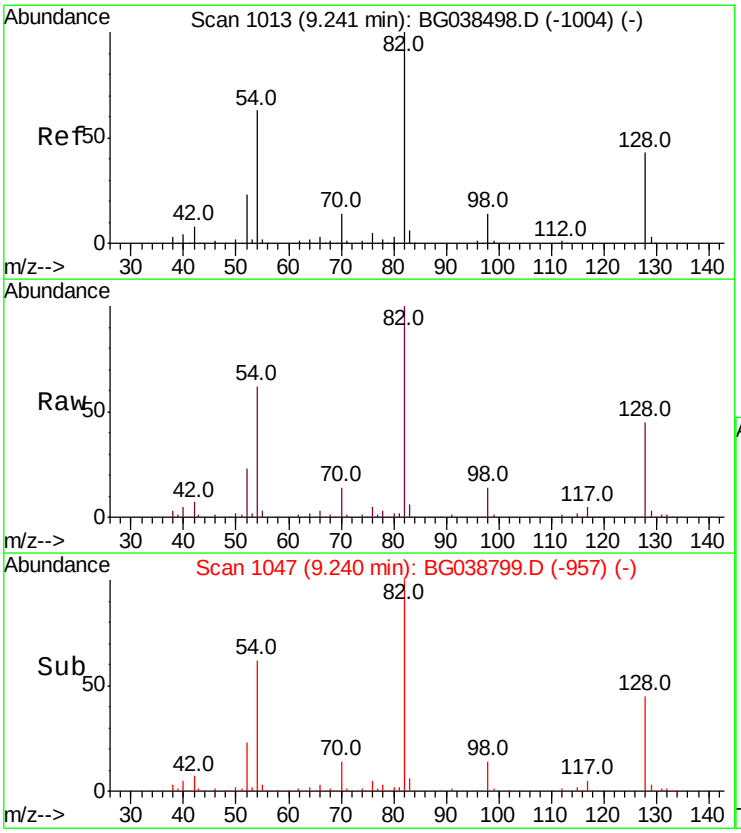
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG038799.D
Acq: 21 Dec 2018 23:23

Instrument :
BNA_G
ClientSampleId :
QNWP8-MW27S-GW

Tgt Ion:136 Resp: 110092

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.3	13.9
54	10.2	8.5	12.7
68	4.4	3.5	5.3

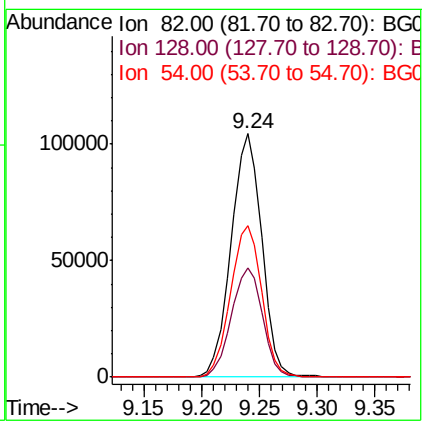


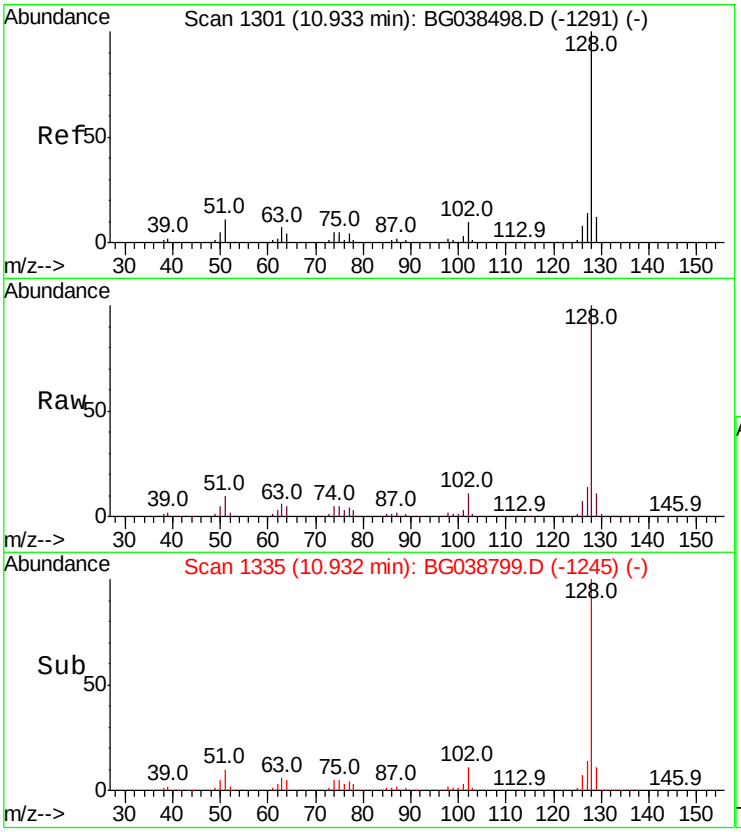


#23
Nitrobenzene-d5
Concen: 89.376 ng
RT: 9.24 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BG038799.D
Acq: 21 Dec 2018 23:23

Tgt Ion: 82 Resp: 192604

Ion	Ratio	Lower	Upper
82	100		
128	45.0	34.6	52.0
54	62.1	50.6	76.0



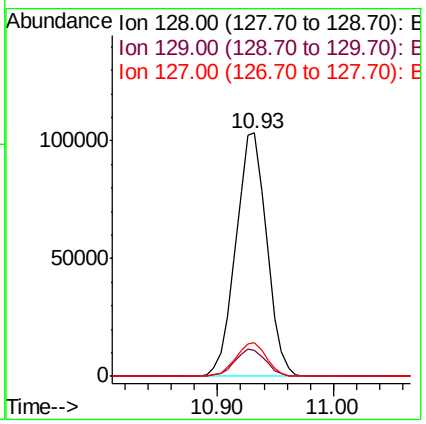


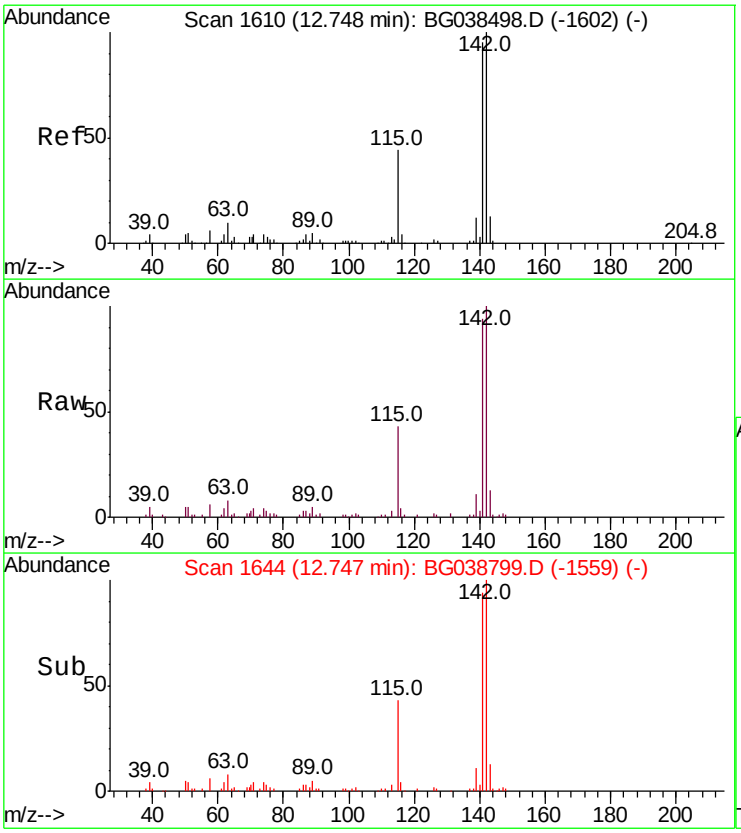
#31
Naphthalene
Concen: 35.391 ng
RT: 10.93 min Scan# 1335
Delta R.T. -0.00 min
Lab File: BG038799.D
Acq: 21 Dec 2018 23:23

Instrument :
BNA_G
ClientSampleId :
QNWP8-MW27S-GW

Tgt Ion:128 Resp: 191972

Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.5	14.3
127	13.6	10.9	16.3

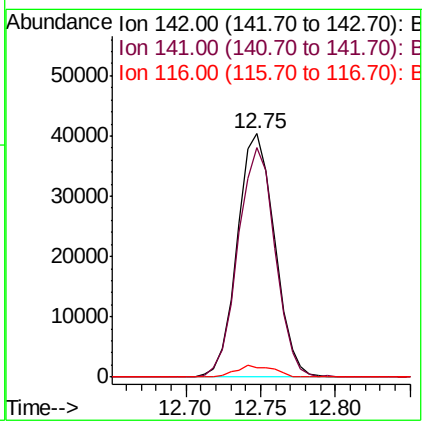


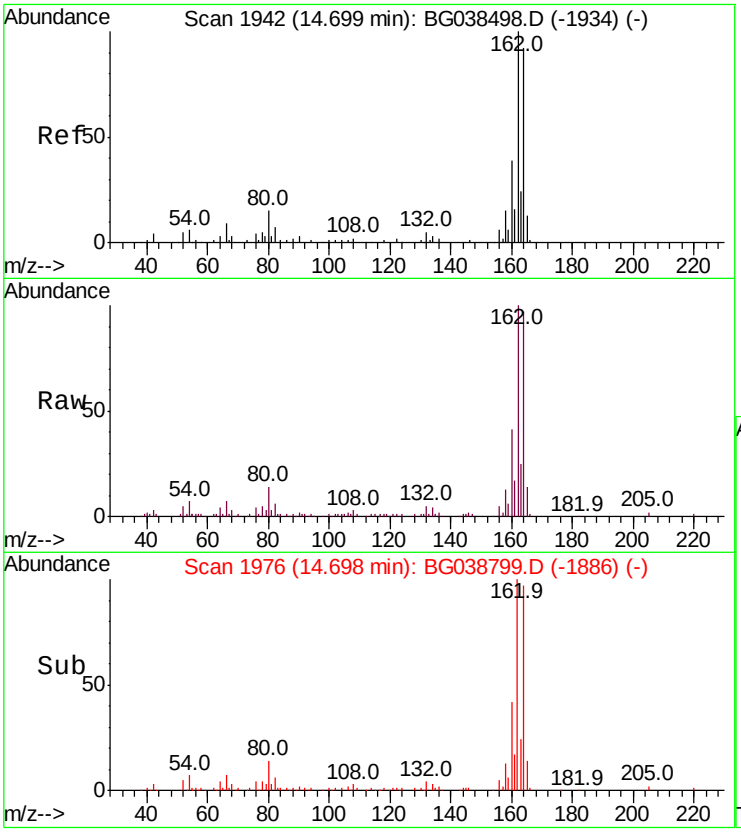


#38
1-Methylnaphthalene
Concen: 18.574 ng
RT: 12.75 min Scan# 1644
Delta R.T. -0.00 min
Lab File: BG038799.D
Acq: 21 Dec 2018 23:23

Tgt Ion:142 Resp: 69750

Ion	Ratio	Lower	Upper
142	100		
141	94.2	75.8	113.8
116	3.9	3.6	5.4



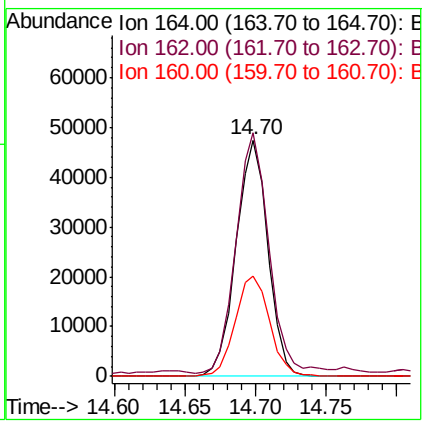


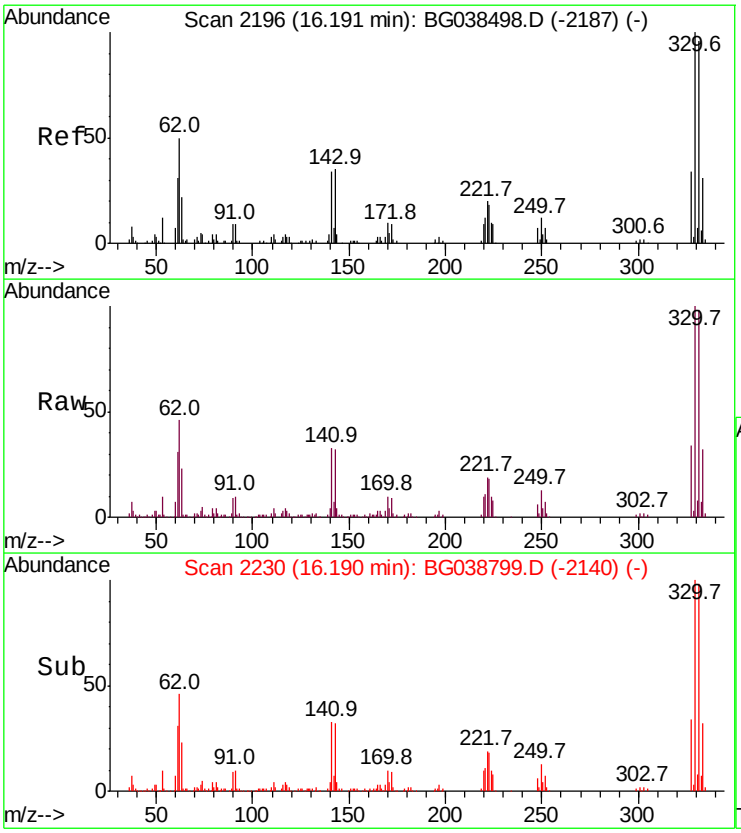
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BG038799.D
Acq: 21 Dec 2018 23:23

Instrument :
BNA_G
ClientSampleId :
QNWP8-MW27S-GW

Tgt Ion:164 Resp: 74631

Ion	Ratio	Lower	Upper
164	100		
162	103.2	86.6	130.0
160	42.8	34.2	51.2

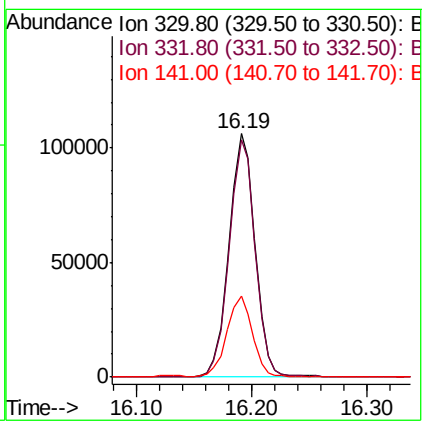


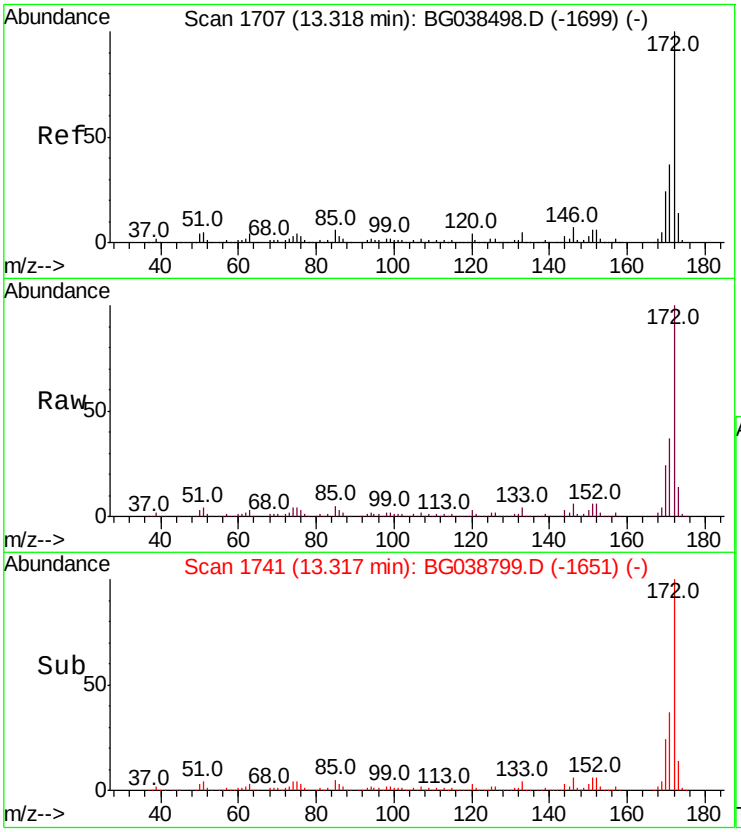


#42
2,4,6-Tribromophenol
Concen: 161.223 ng
RT: 16.19 min Scan# 2230
Delta R.T. -0.00 min
Lab File: BG038799.D
Acq: 21 Dec 2018 23:23

Tgt Ion:330 Resp: 165826

Ion	Ratio	Lower	Upper
330	100		
332	97.8	76.9	115.3
141	33.0	28.8	43.2



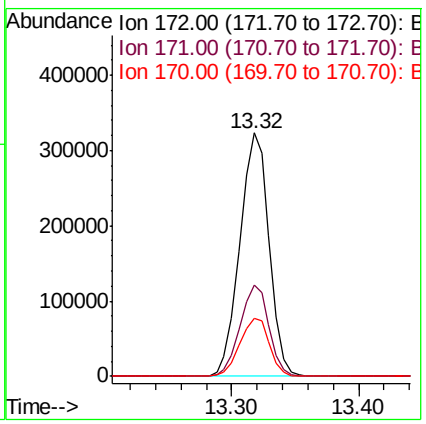


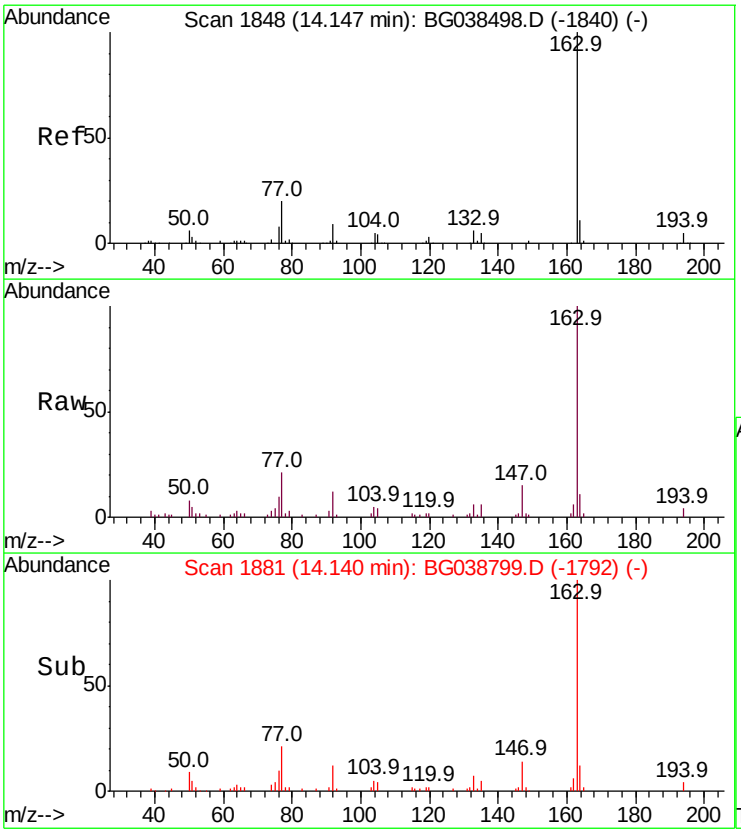
#45
2-Fluorobiphenyl
Concen: 94.805 ng
RT: 13.32 min Scan# 1741
Delta R.T. -0.00 min
Lab File: BG038799.D
Acq: 21 Dec 2018 23:23

Instrument :
BNA_G
ClientSampleId :
QNWP8-MW27S-GW

Tgt Ion:172 Resp: 515755

Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.8	44.6
170	23.8	19.5	29.3

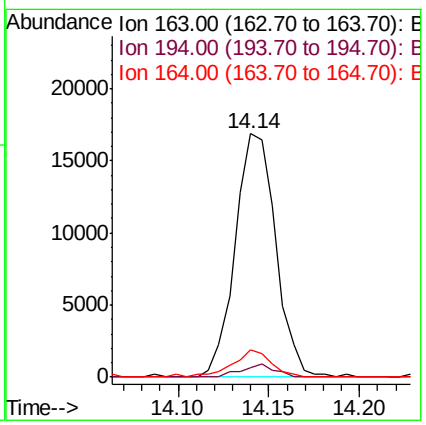


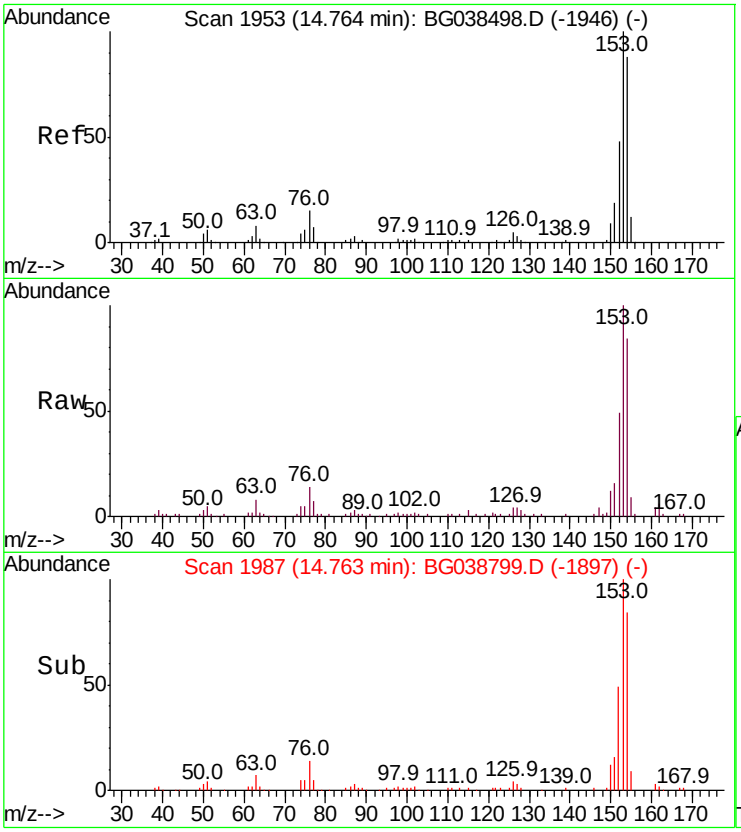


#50
Dimethylphthalate
Concen: 4.311 ng
RT: 14.14 min Scan# 1881
Delta R.T. -0.01 min
Lab File: BG038799.D
Acq: 21 Dec 2018 23:23

Tgt Ion:163 Resp: 26271

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.7	5.5
164	11.4	8.6	12.8



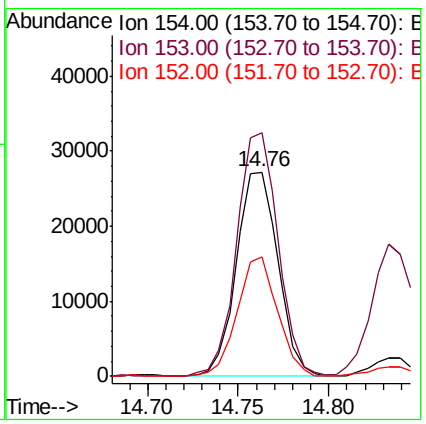


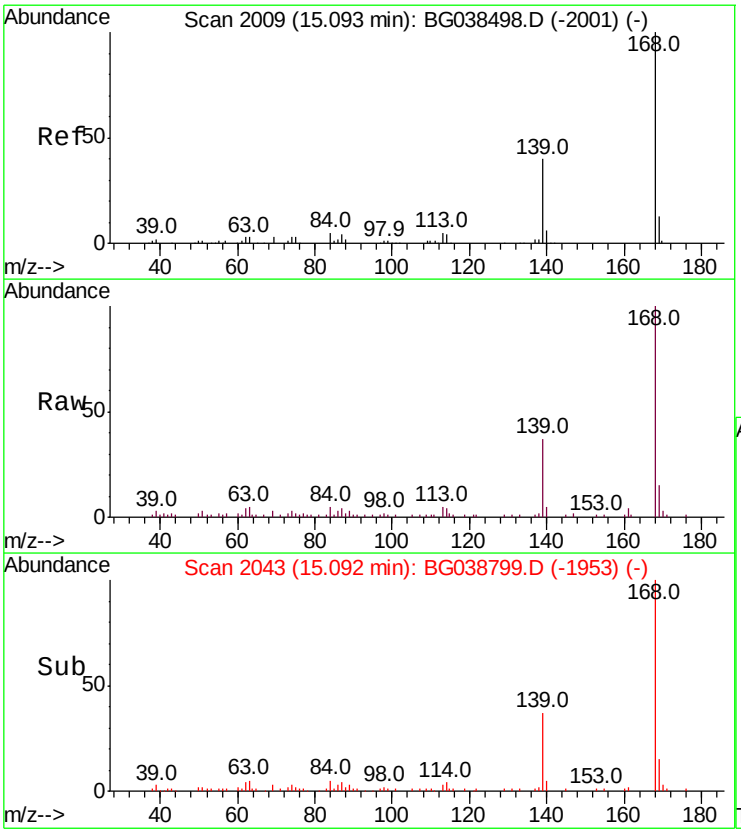
#52
Acenaphthene
Concen: 10.088 ng
RT: 14.76 min Scan# 1987
Delta R.T. -0.00 min
Lab File: BG038799.D
Acq: 21 Dec 2018 23:23

Instrument :
BNA_G
ClientSampleId :
QNWP8-MW27S-GW

Tgt Ion:154 Resp: 43581

Ion	Ratio	Lower	Upper
154	100		
153	119.3	90.6	136.0
152	58.6	43.5	65.3

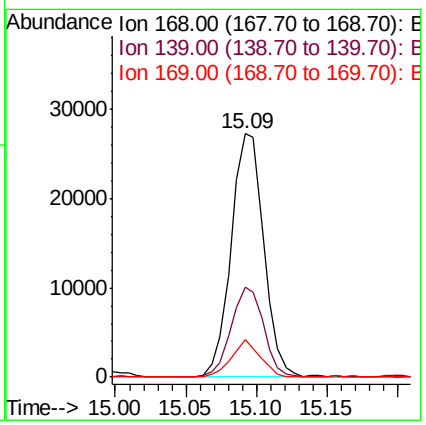


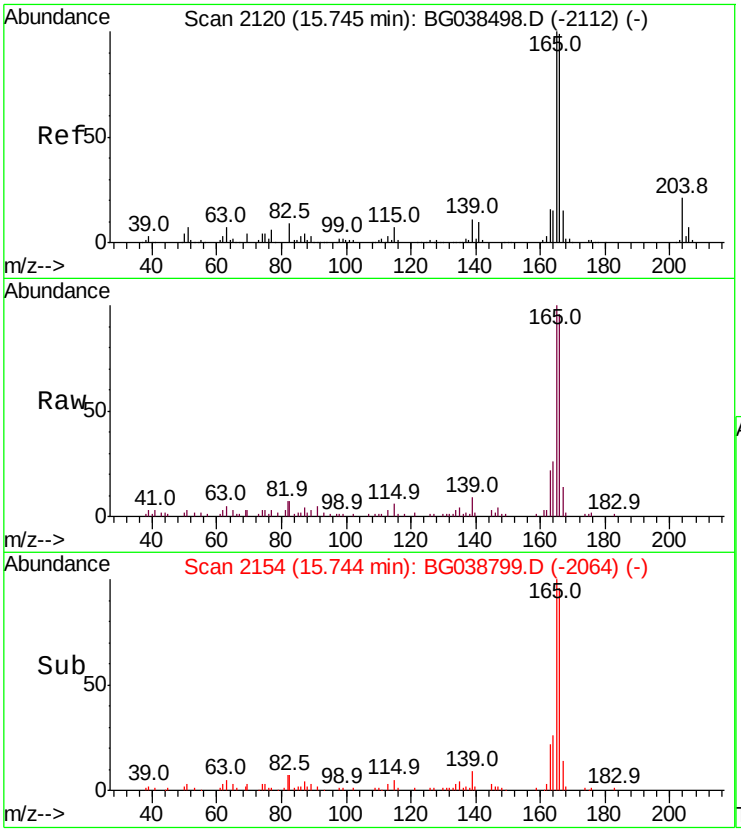


#55
Dibenzofuran
Concen: 5.924 ng
RT: 15.09 min Scan# 2043
Delta R.T. -0.00 min
Lab File: BG038799.D
Acq: 21 Dec 2018 23:23

Tgt Ion:168 Resp: 43868

Ion	Ratio	Lower	Upper
168	100		
139	37.0	32.2	48.2
169	15.4	10.6	16.0



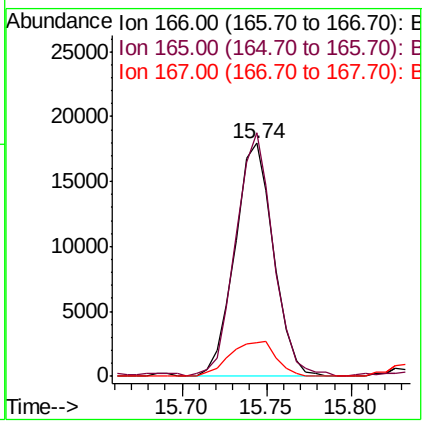


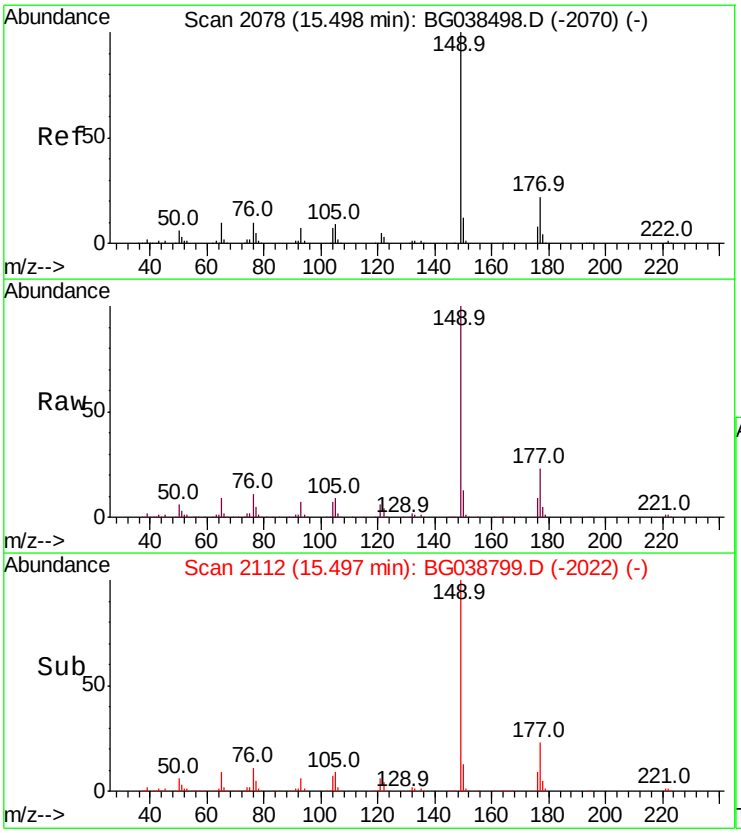
#58
Fluorene
Concen: 5.206 ng
RT: 15.74 min Scan# 2154
Delta R.T. -0.00 min
Lab File: BG038799.D
Acq: 21 Dec 2018 23:23

Instrument :
BNA_G
ClientSampleId :
QNWP8-MW27S-GW

Tgt Ion:166 Resp: 28563

Ion	Ratio	Lower	Upper
166	100		
165	104.5	80.6	120.8
167	14.5	12.0	18.0

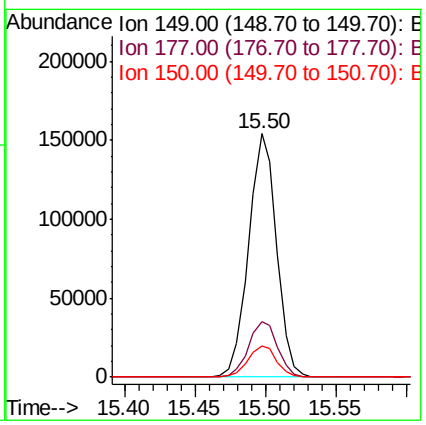


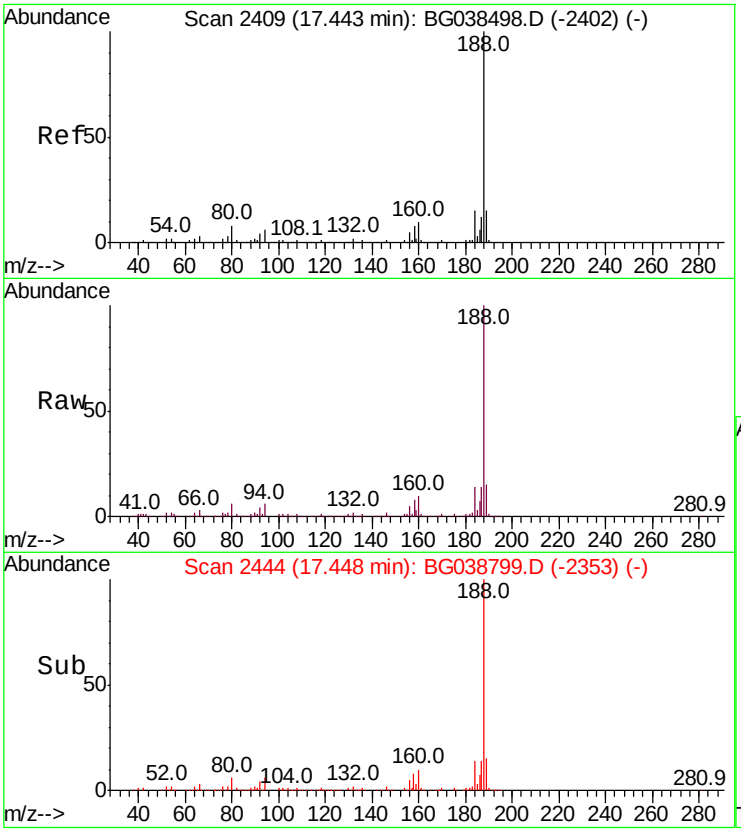


#60
Diethylphthalate
Concen: 32.117 ng
RT: 15.50 min Scan# 2112
Delta R.T. -0.00 min
Lab File: BG038799.D
Acq: 21 Dec 2018 23:23

Tgt Ion:149 Resp: 214880

Ion	Ratio	Lower	Upper
149	100		
177	22.5	17.7	26.5
150	12.9	9.9	14.9



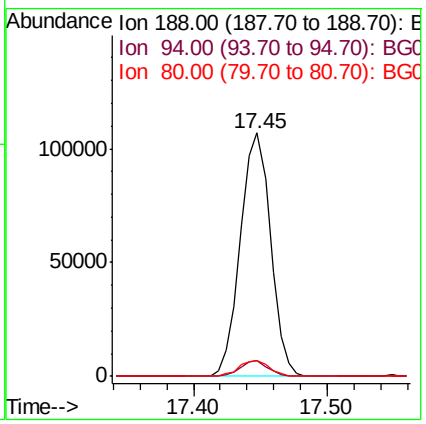


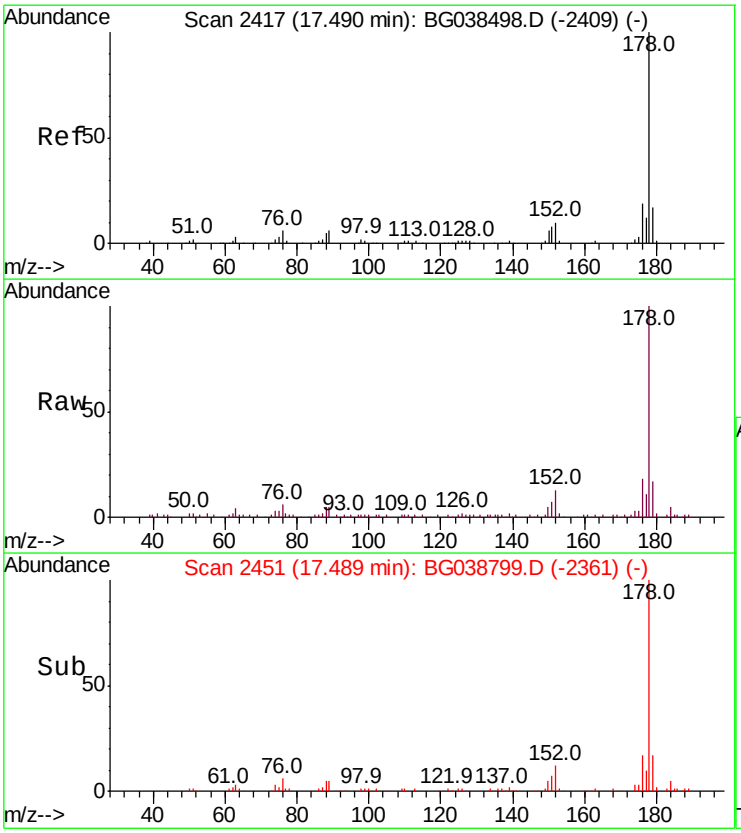
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.45 min Scan# 2444
Delta R.T. 0.01 min
Lab File: BG038799.D
Acq: 21 Dec 2018 23:23

Instrument :
BNA_G
ClientSampleId :
QNWP8-MW27S-GW

Tgt Ion:188 Resp: 167382

Ion	Ratio	Lower	Upper
188	100		
94	6.3	5.1	7.7
80	6.4	6.1	9.1

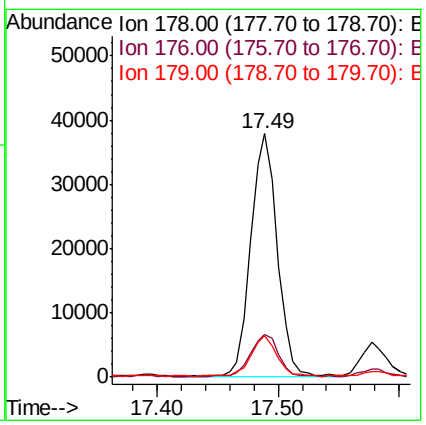


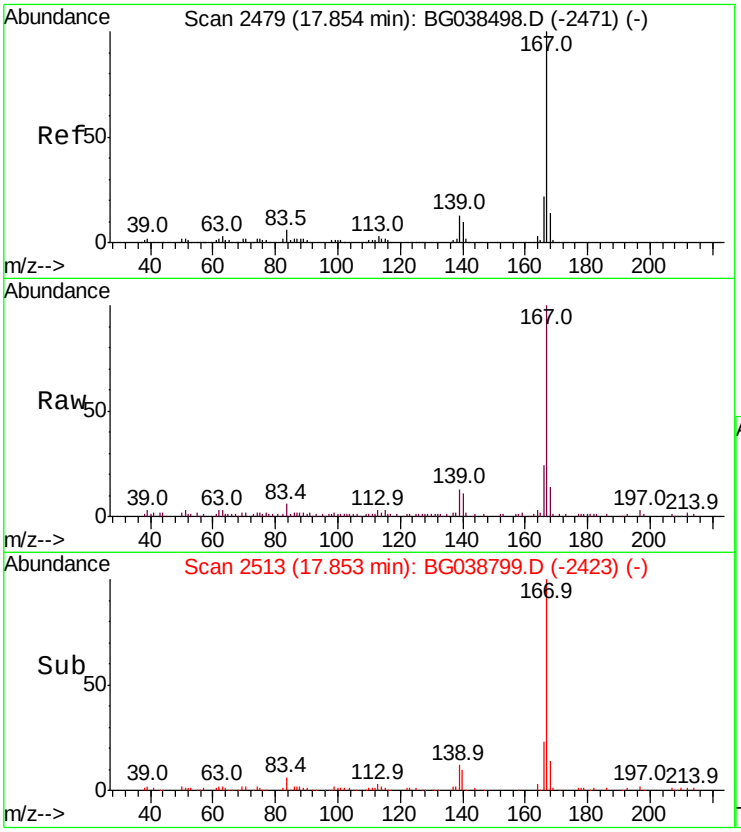


#71
Phenanthrene
Concen: 6.736 ng
RT: 17.49 min Scan# 2451
Delta R.T. -0.00 min
Lab File: BG038799.D
Acq: 21 Dec 2018 23:23

Tgt Ion:178 Resp: 58471

Ion	Ratio	Lower	Upper
178	100		
176	17.7	15.1	22.7
179	17.2	13.2	19.8



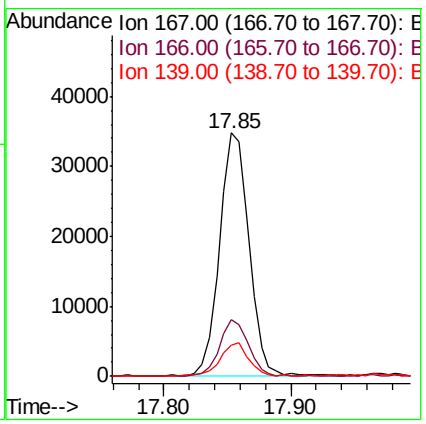


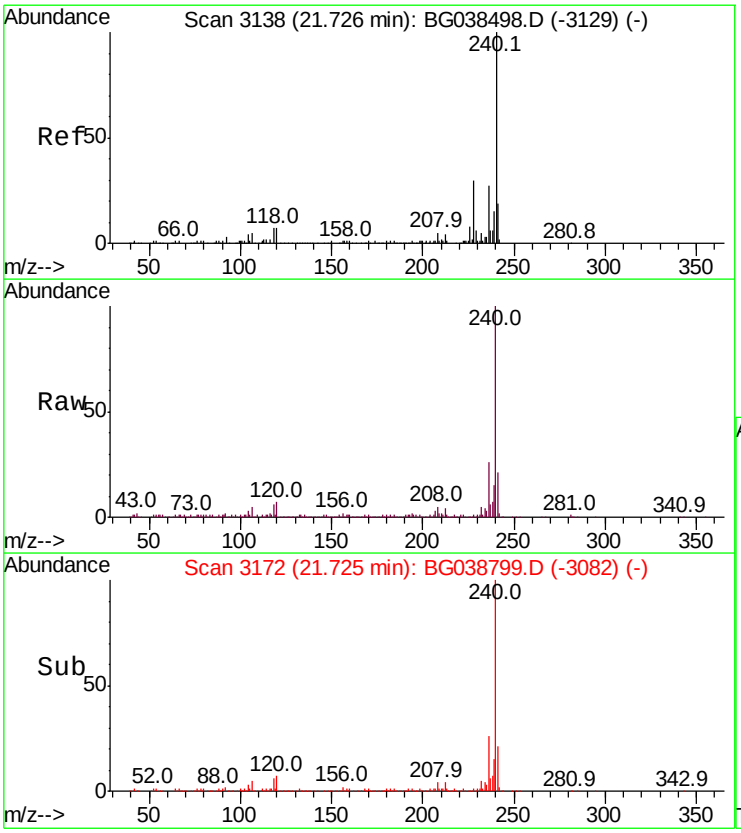
#73
Carbazole
Concen: 6.592 ng
RT: 17.85 min Scan# 2513
Delta R.T. -0.00 min
Lab File: BG038799.D
Acq: 21 Dec 2018 23:23

Instrument :
BNA_G
ClientSampleId :
QNWP8-MW27S-GW

Tgt Ion:167 Resp: 55860

Ion	Ratio	Lower	Upper
167	100		
166	23.5	17.9	26.9
139	12.6	10.2	15.2

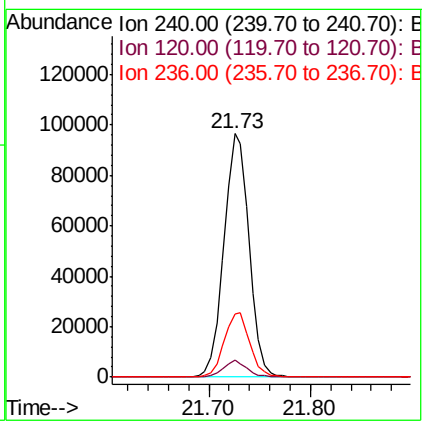


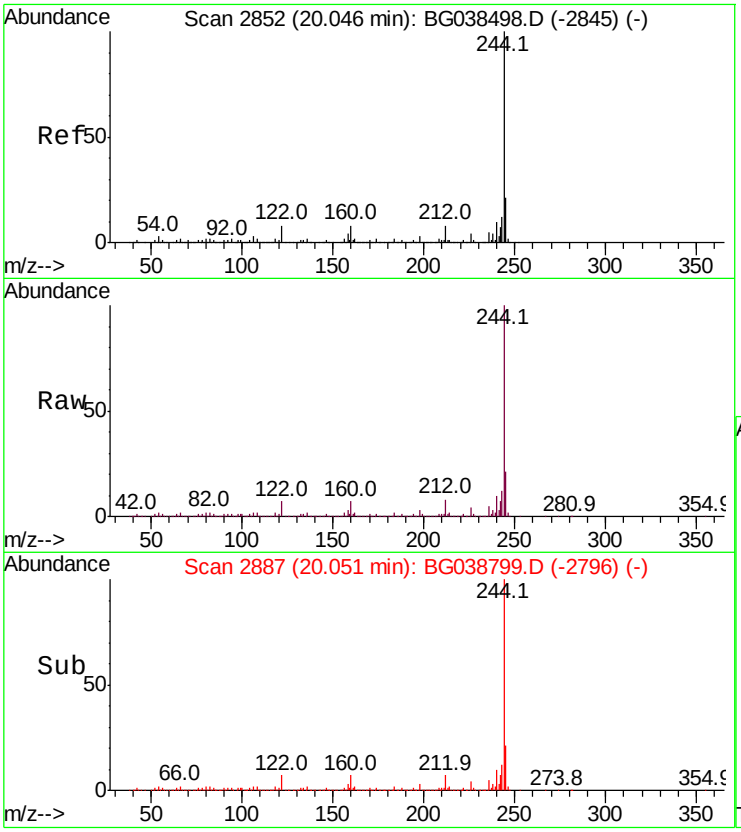


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.73 min Scan# 3172
Delta R.T. -0.00 min
Lab File: BG038799.D
Acq: 21 Dec 2018 23:23

Tgt Ion:240 Resp: 165158

Ion	Ratio	Lower	Upper
240	100		
120	6.9	5.3	7.9
236	25.7	21.4	32.2



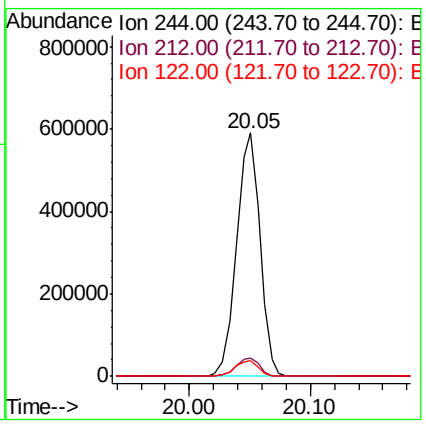


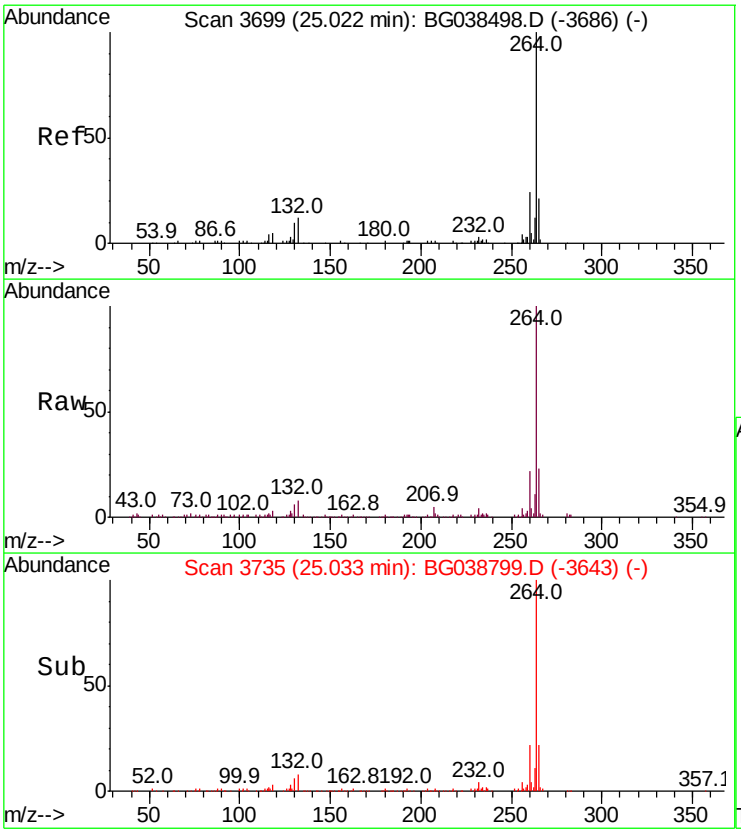
#79
Terphenyl-d14
Concen: 104.872 ng
RT: 20.05 min Scan# 2887
Delta R.T. 0.01 min
Lab File: BG038799.D
Acq: 21 Dec 2018 23:23

Instrument :
BNA_G
ClientSampleId :
QNWP8-MW27S-GW

Tgt Ion:244 Resp: 795852

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.2	9.2
122	6.7	6.3	9.5





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.03 min Scan# 3735
Delta R.T. 0.01 min
Lab File: BG038799.D
Acq: 21 Dec 2018 23:23

Tgt Ion:264 Resp: 178328

Ion	Ratio	Lower	Upper
264	100		
260	21.9	18.9	28.3
265	22.8	17.0	25.4