Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120718\
Data File : BG038426.D
Acq On : 8 Dec 2018 7:16
Operator : JU/SJ
Sample : J6019-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-1

Quant Time: Dec 10 02:58:41 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 04 17:15:40 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	31495	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	114589	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	78581	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	190220	20.00	ng	0.00
76) Chrysene-d12	21.73	240	183418	20.00	ng	-0.01
87) Perylene-d12	25.03	264	190456	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	98540	55.37	ng	0.00
7) Phenol-d6	7.22	99	95493	37.12	ng	0.00
23) Nitrobenzene-d5	9.24	82	203156	88.02	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	146168	151.52	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	499648	90.60	ng	0.00
79) Terphenyl-d14	20.05	244	783371	91.49	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.24	94	7007	2.578	ng	95
50) Dimethylphthalate	14.15	163	27722	4.398	ng	99

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

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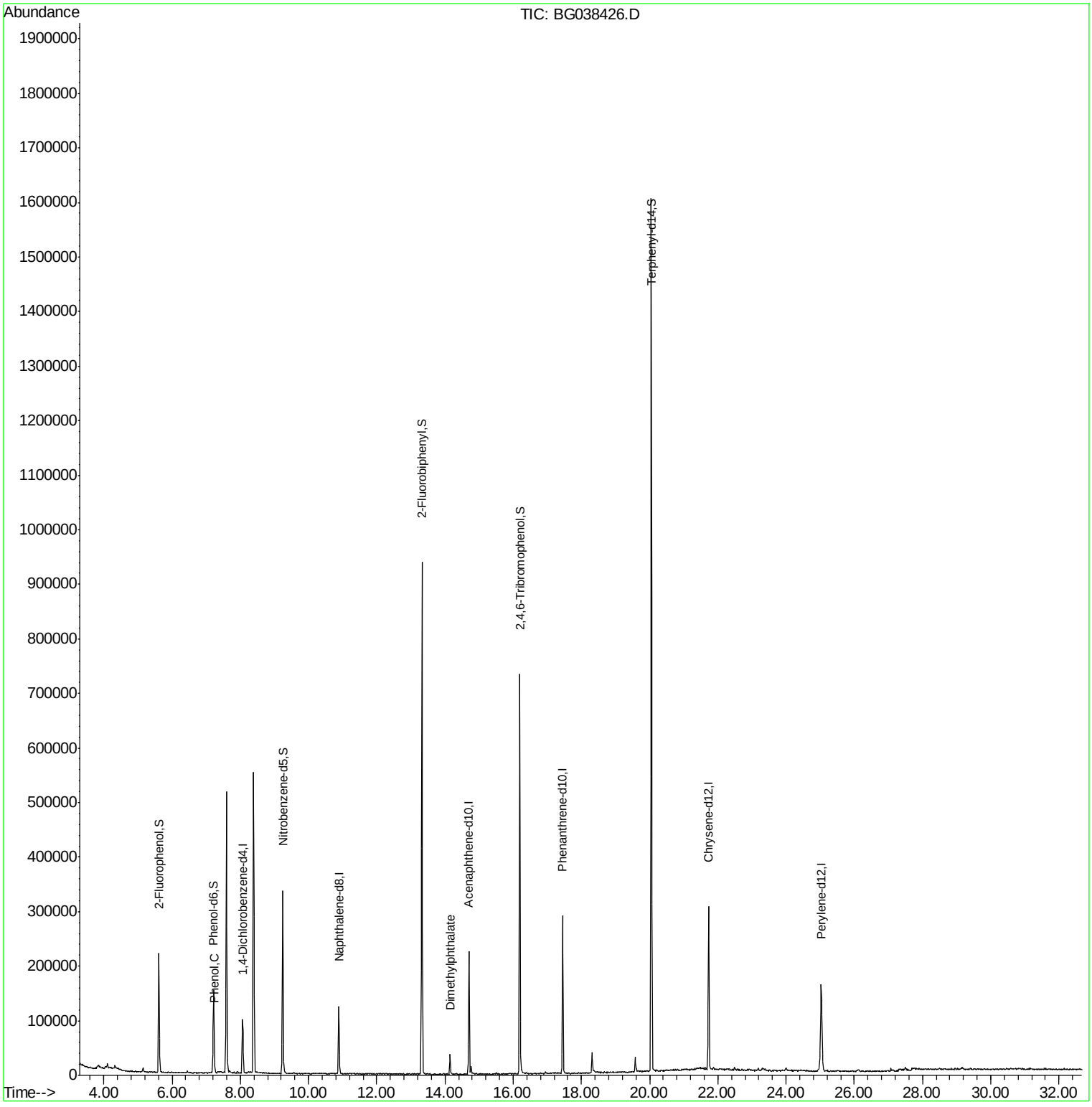
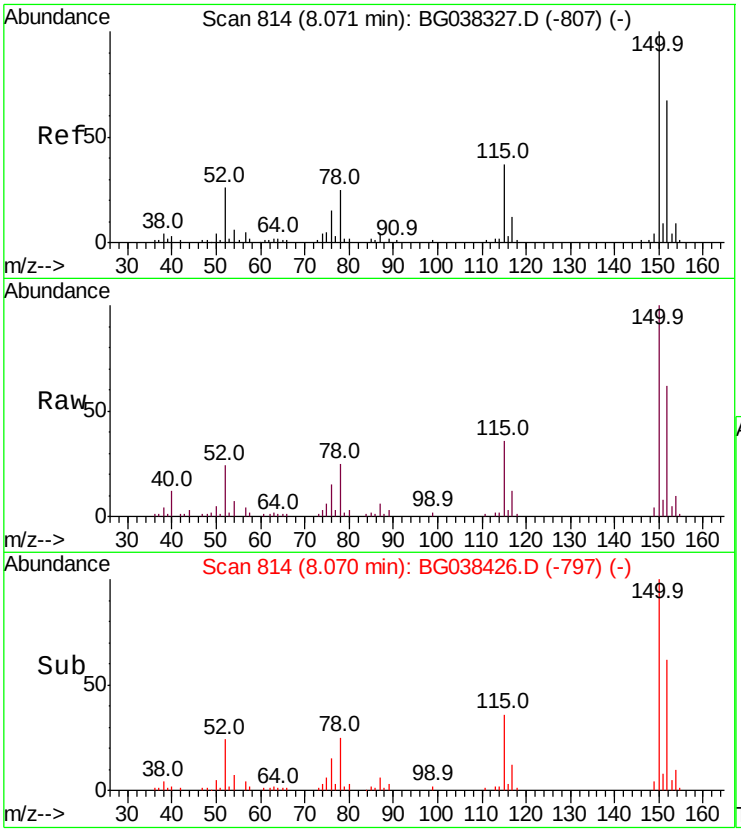


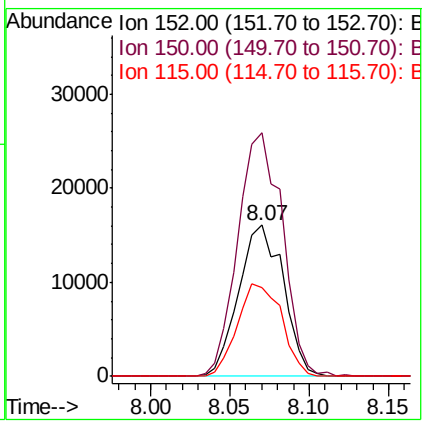


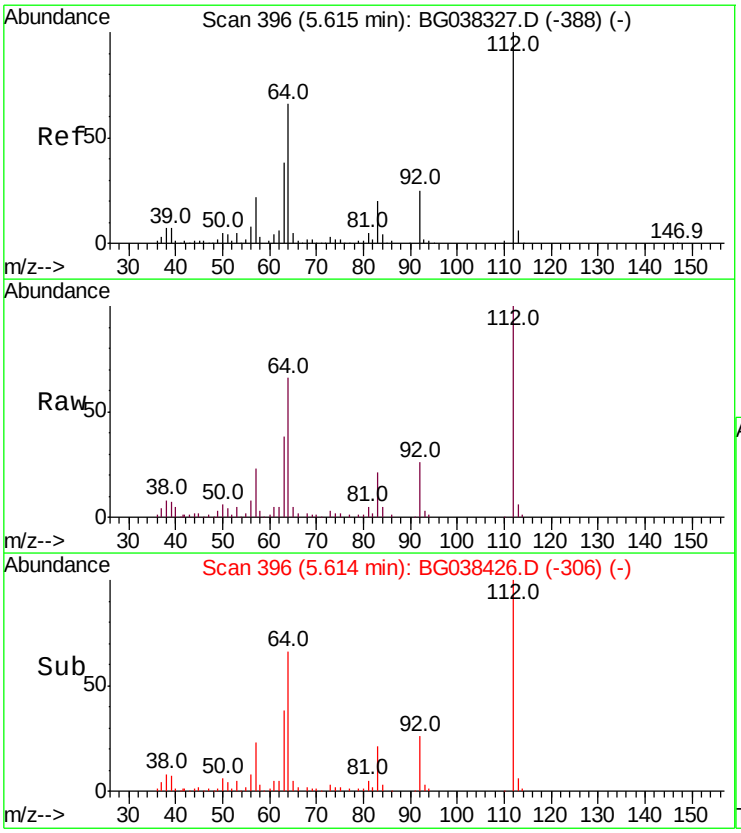
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 814
Delta R.T. -0.00 min
Lab File: BG038426.D
Acq: 8 Dec 2018 7:16

Instrument :
BNA_G
ClientSampleId :
MW-1

Tgt Ion:152 Resp: 31495

Ion	Ratio	Lower	Upper
152	100		
150	161.1	126.0	189.0
115	58.4	45.5	68.3

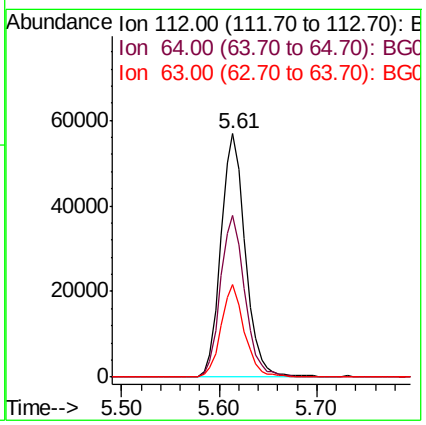


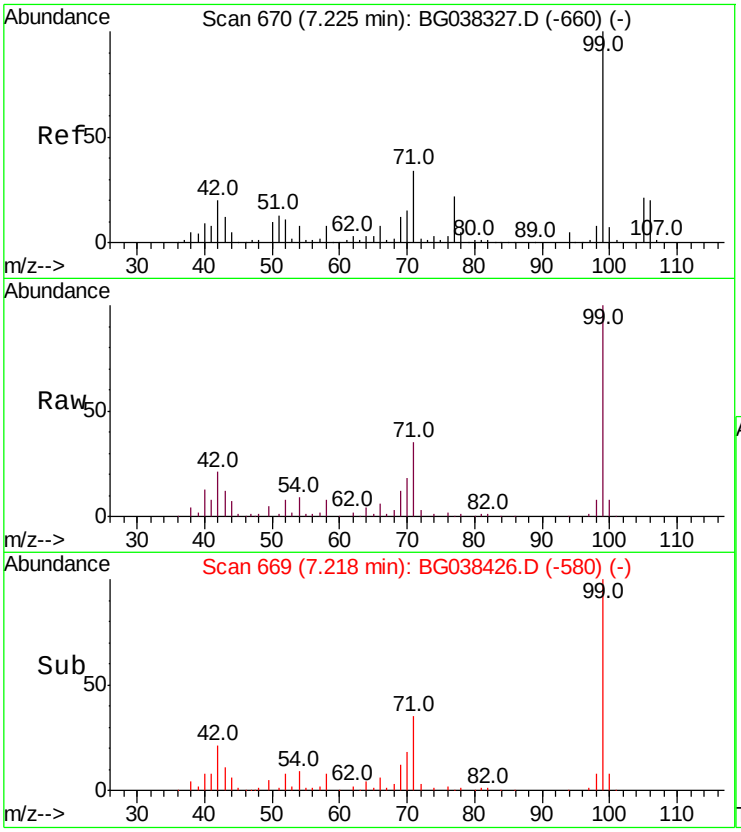


#5
2-Fluorophenol
Concen: 55.368 ng
RT: 5.61 min Scan# 396
Delta R.T. -0.00 min
Lab File: BG038426.D
Acq: 8 Dec 2018 7:16

Tgt Ion:112 Resp: 98540

Ion	Ratio	Lower	Upper
112	100		
64	66.4	53.1	79.7
63	38.1	27.3	40.9



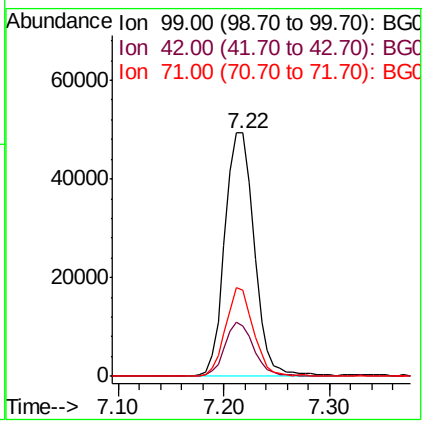


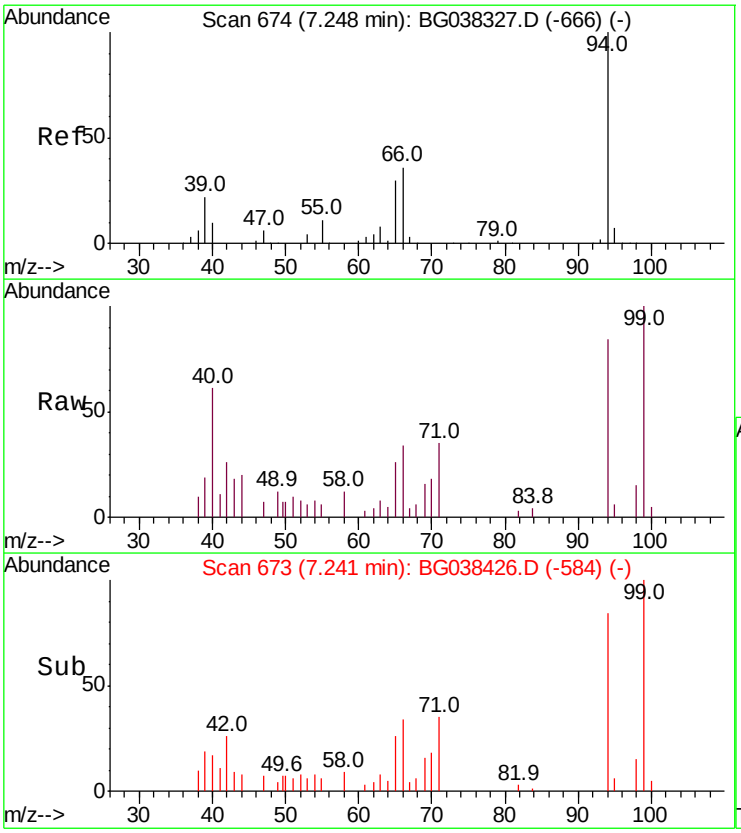
#7
Phenol-d6
Concen: 37.123 ng
RT: 7.22 min Scan# 669
Delta R.T. -0.01 min
Lab File: BG038426.D
Acq: 8 Dec 2018 7:16

Instrument :
BNA_G
ClientSampleId :
MW-1

Tgt Ion: 99 Resp: 95493

Ion	Ratio	Lower	Upper
99	100		
42	20.6	15.0	22.4
71	35.3	25.5	38.3

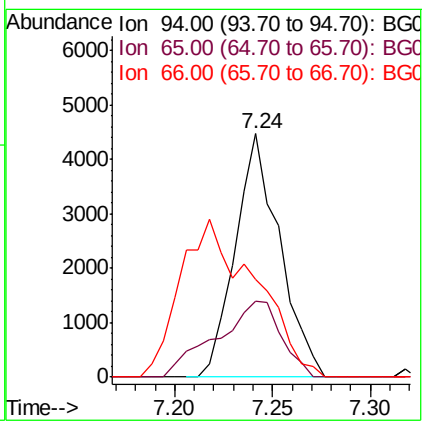


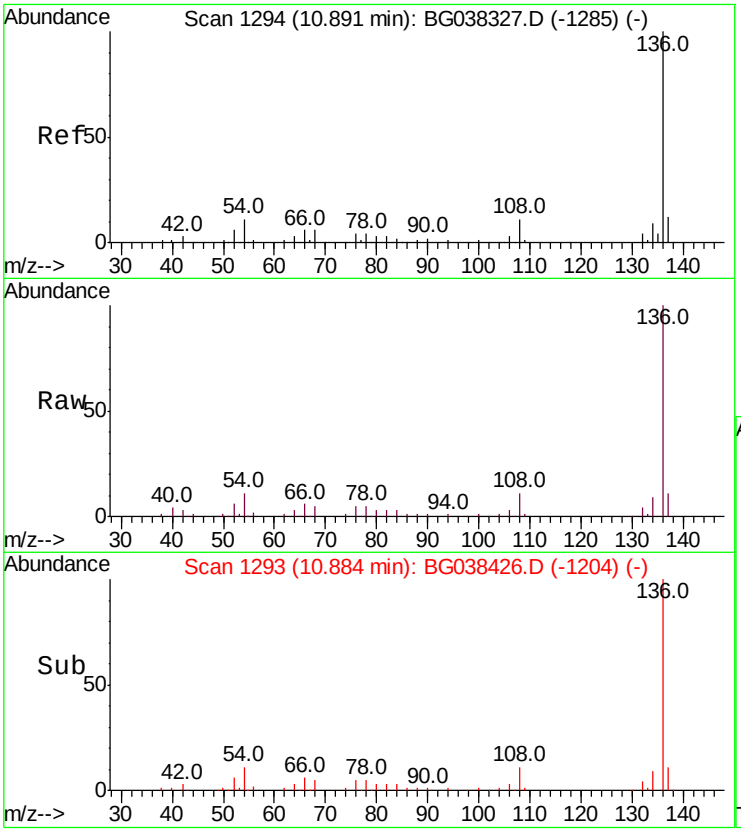


#10
Phenol
Concen: 2.578 ng
RT: 7.24 min Scan# 673
Delta R.T. -0.01 min
Lab File: BG038426.D
Acq: 8 Dec 2018 7:16

Tgt Ion: 94 Resp: 7007

Ion	Ratio	Lower	Upper
94	100		
65	31.0	9.7	49.7
66	40.3	15.9	55.9



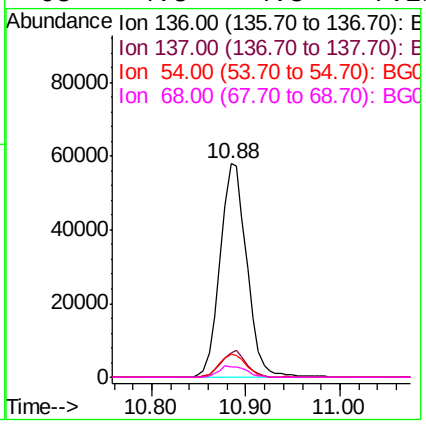


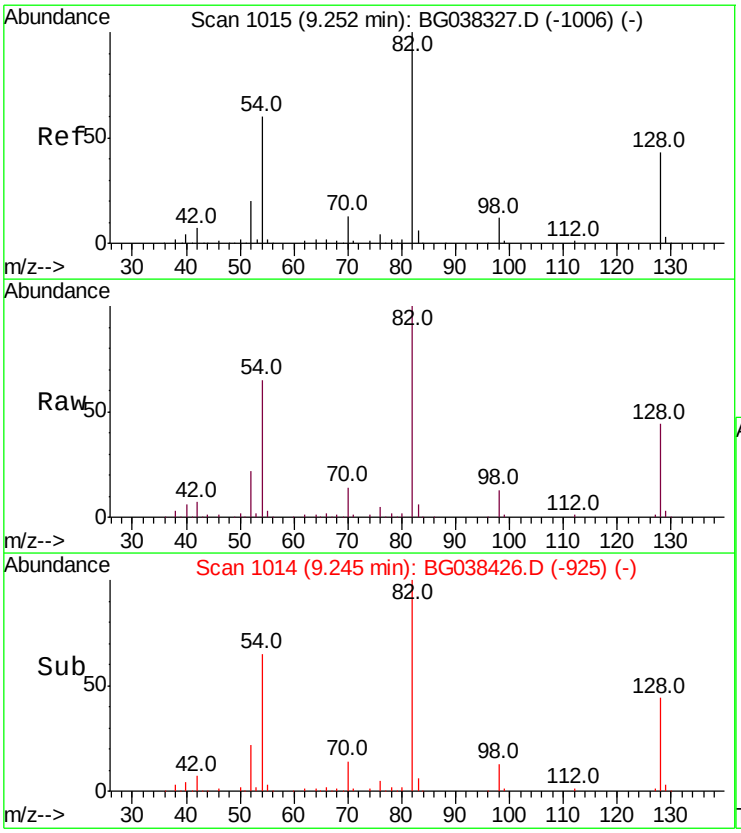
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BG038426.D
Acq: 8 Dec 2018 7:16

Instrument :
BNA_G
ClientSampleId :
MW-1

Tgt Ion:136 Resp: 114589

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.6	14.4
54	11.1	7.9	11.9
68	4.8	4.8	7.2#

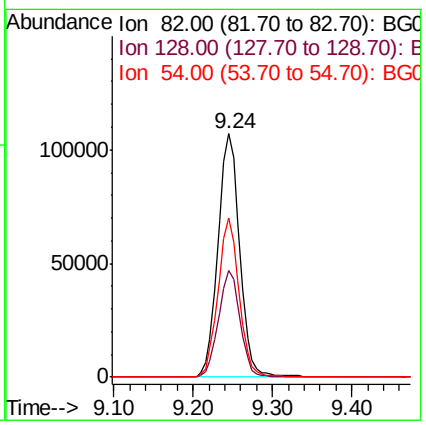


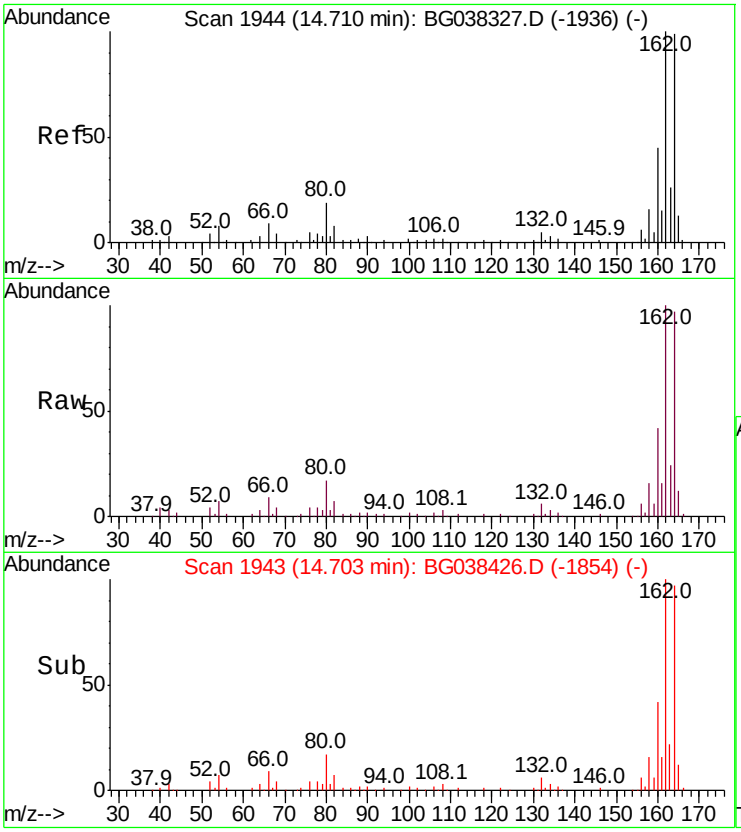


#23
Nitrobenzene-d5
Concen: 88.021 ng
RT: 9.24 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BG038426.D
Acq: 8 Dec 2018 7:16

Tgt Ion: 82 Resp: 203156

Ion	Ratio	Lower	Upper
82	100		
128	43.9	34.6	51.8
54	65.2	45.3	67.9



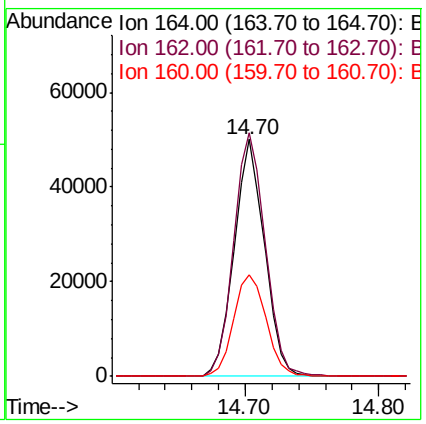


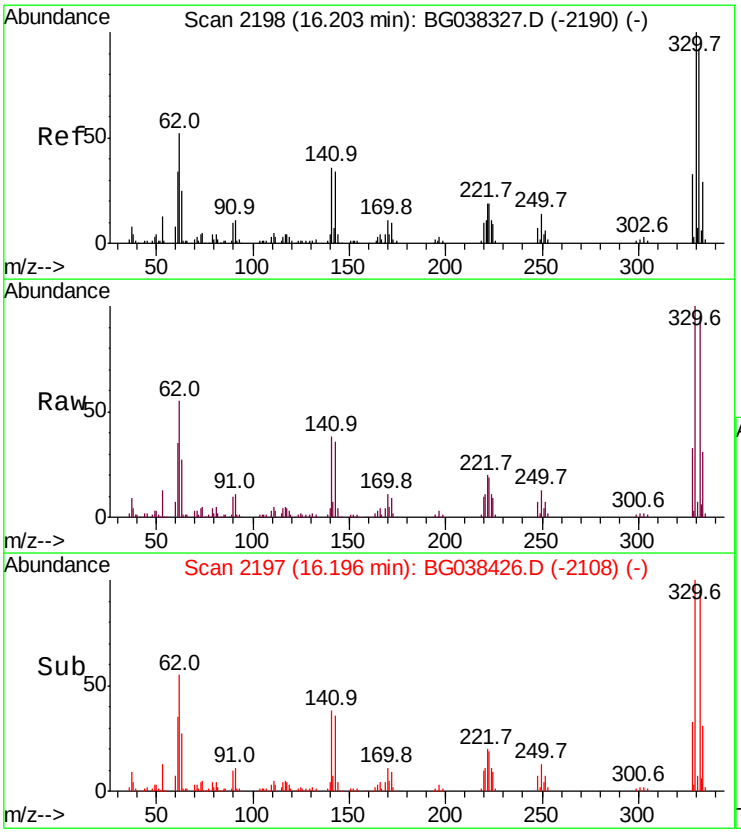
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1943
Delta R.T. -0.01 min
Lab File: BG038426.D
Acq: 8 Dec 2018 7:16

Instrument :
BNA_G
ClientSampleId :
MW-1

Tgt Ion:164 Resp: 78581

Ion	Ratio	Lower	Upper
164	100		
162	102.7	81.3	121.9
160	42.9	36.3	54.5

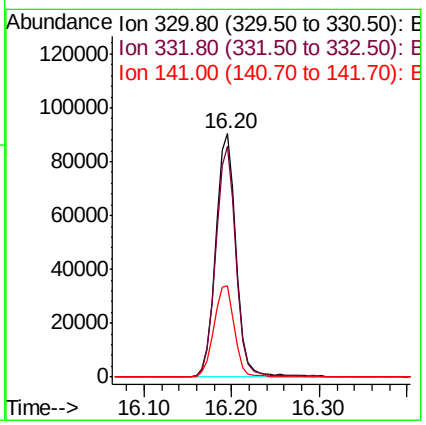


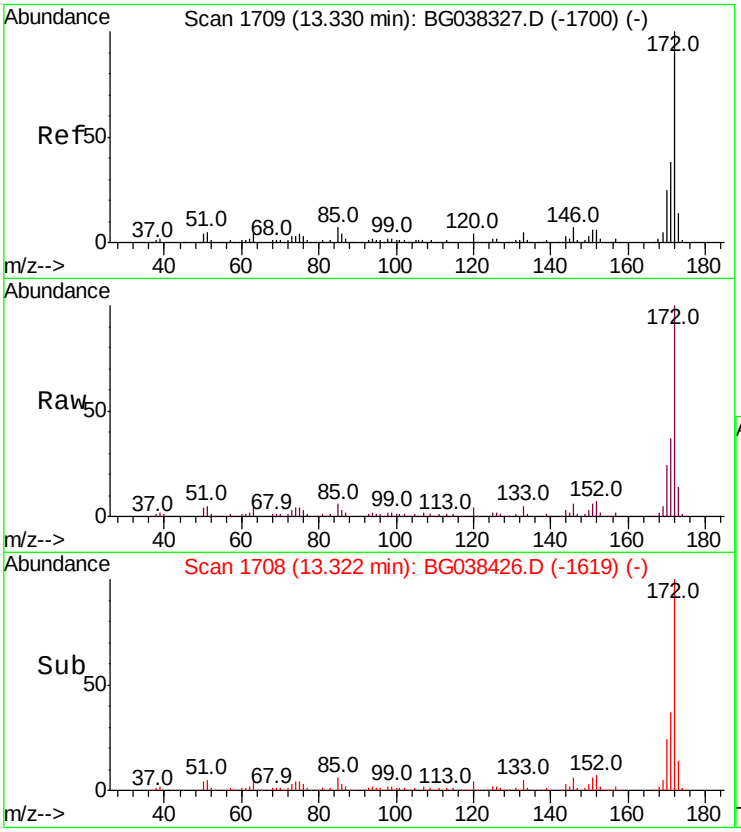


#42
2,4,6-Tribromophenol
Concen: 151.520 ng
RT: 16.20 min Scan# 2197
Delta R.T. -0.01 min
Lab File: BG038426.D
Acq: 8 Dec 2018 7:16

Tgt Ion:330 Resp: 146168

Ion	Ratio	Lower	Upper
330	100		
332	93.9	78.4	117.6
141	38.1	32.2	48.2



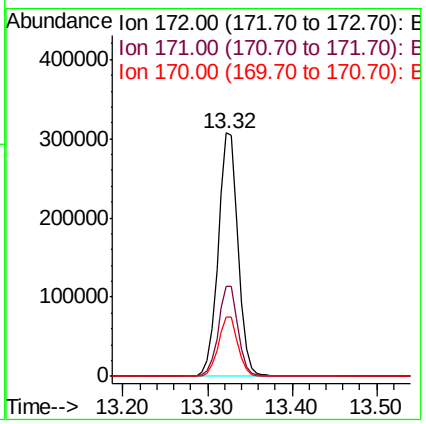


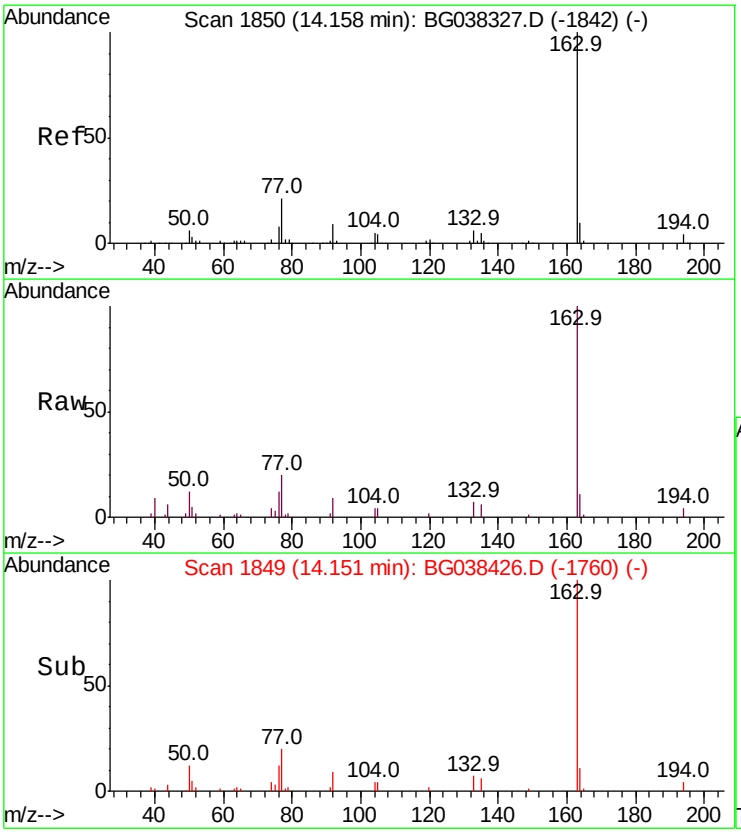
#45
2-Fluorobiphenyl
Concen: 90.601 ng
RT: 13.32 min Scan# 1708
Delta R.T. -0.01 min
Lab File: BG038426.D
Acq: 8 Dec 2018 7:16

Instrument :
BNA_G
ClientSampleId :
MW-1

Tgt Ion:172 Resp: 499648

Ion	Ratio	Lower	Upper
172	100		
171	36.9	31.0	46.4
170	24.5	20.2	30.2

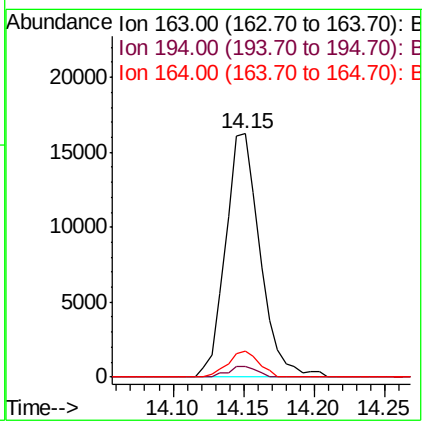


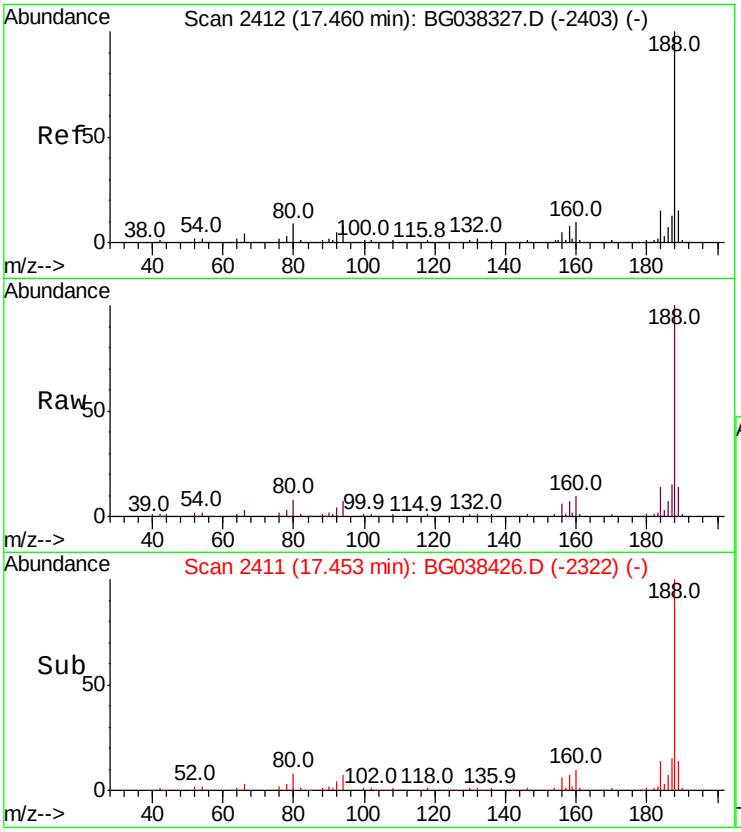


#50
Dimethylphthalate
Concen: 4.398 ng
RT: 14.15 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BG038426.D
Acq: 8 Dec 2018 7:16

Tgt Ion:163 Resp: 27722

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.5	5.3
164	10.9	8.5	12.7



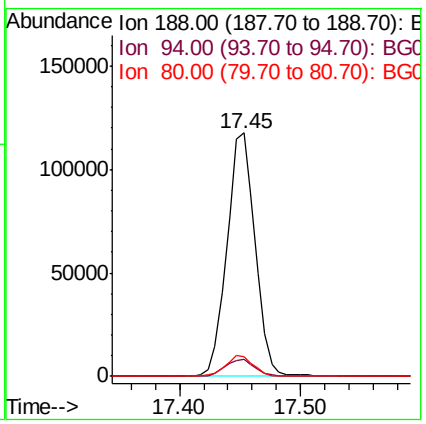


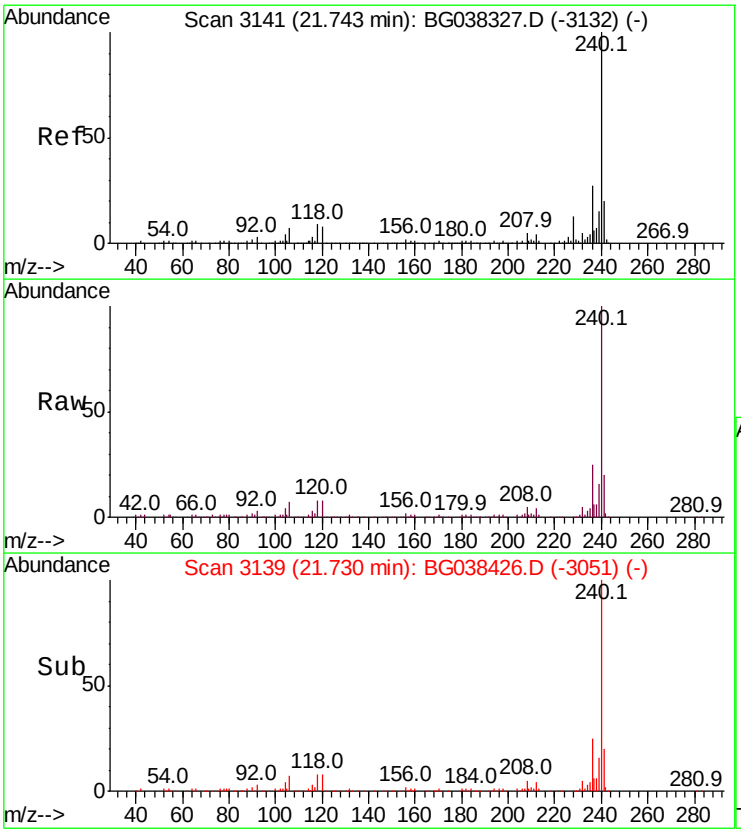
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.45 min Scan# 2411
Delta R.T. -0.01 min
Lab File: BG038426.D
Acq: 8 Dec 2018 7:16

Instrument :
BNA_G
ClientSampleId :
MW-1

Tgt Ion:188 Resp: 190220

Ion	Ratio	Lower	Upper
188	100		
94	7.1	7.2	10.8#
80	8.2	7.7	11.5

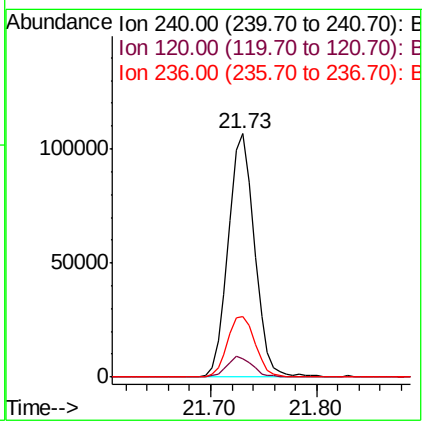


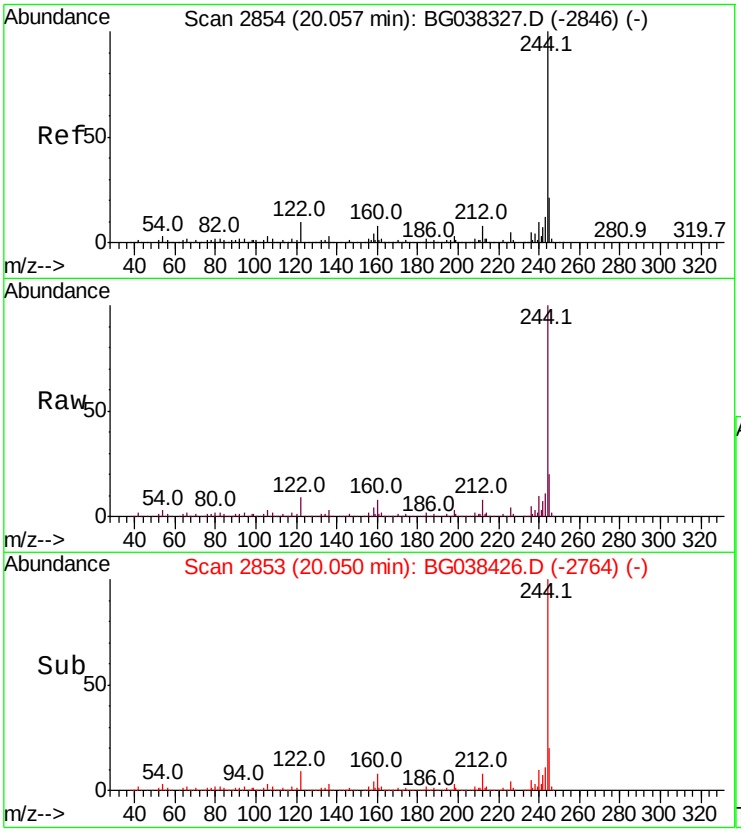


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.73 min Scan# 3139
Delta R.T. -0.01 min
Lab File: BG038426.D
Acq: 8 Dec 2018 7:16

Tgt Ion:240 Resp: 183418

Ion	Ratio	Lower	Upper
240	100		
120	7.7	8.1	12.1#
236	25.1	21.4	32.0



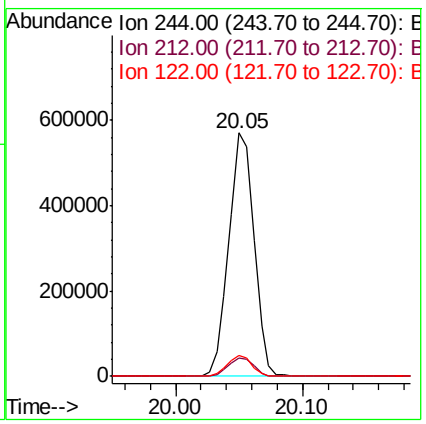


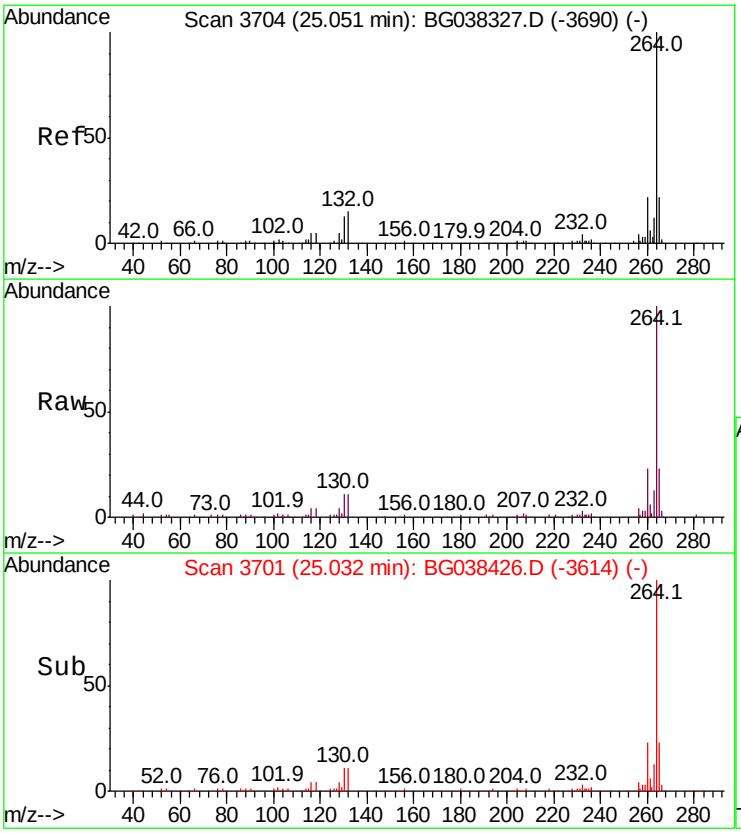
#79
Terphenyl-d14
Concen: 91.495 ng
RT: 20.05 min Scan# 2853
Delta R.T. -0.01 min
Lab File: BG038426.D
Acq: 8 Dec 2018 7:16

Instrument :
BNA_G
ClientSampleId :
MW-1

Tgt Ion:244 Resp: 783371

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.5	9.7
122	8.5	9.0	13.4#





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.03 min Scan# 3701
Delta R.T. -0.02 min
Lab File: BG038426.D
Acq: 8 Dec 2018 7:16

Tgt Ion:264 Resp: 190456

Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.2	27.4
265	23.0	17.9	26.9