Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111618\
Data File : BG038032.D
Acq On : 16 Nov 2018 14:06
Operator : JU/SJ
Sample : J5965-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-2

Quant Time: Nov 16 15:21:15 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 16:39:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	46677	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	202293	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	131117	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	287586	20.00	ng	0.00
76) Chrysene-d12	21.75	240	280152	20.00	ng	0.00
87) Perylene-d12	25.07	264	293407	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	145155	53.69	ng	0.00
7) Phenol-d6	7.23	99	130260	33.75	ng	0.00
23) Nitrobenzene-d5	9.26	82	286514	75.82	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	163819	109.55	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	673940	74.88	ng	0.00
79) Terphenyl-d14	20.07	244	936292	78.64	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	10.96	128	176065	17.695	ng	97
37) 2-Methylnaphthalene	12.55	142	21259	2.975	ng	98
38) 1-Methylnaphthalene	12.77	142	69318	10.076	ng	99

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

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Misc :
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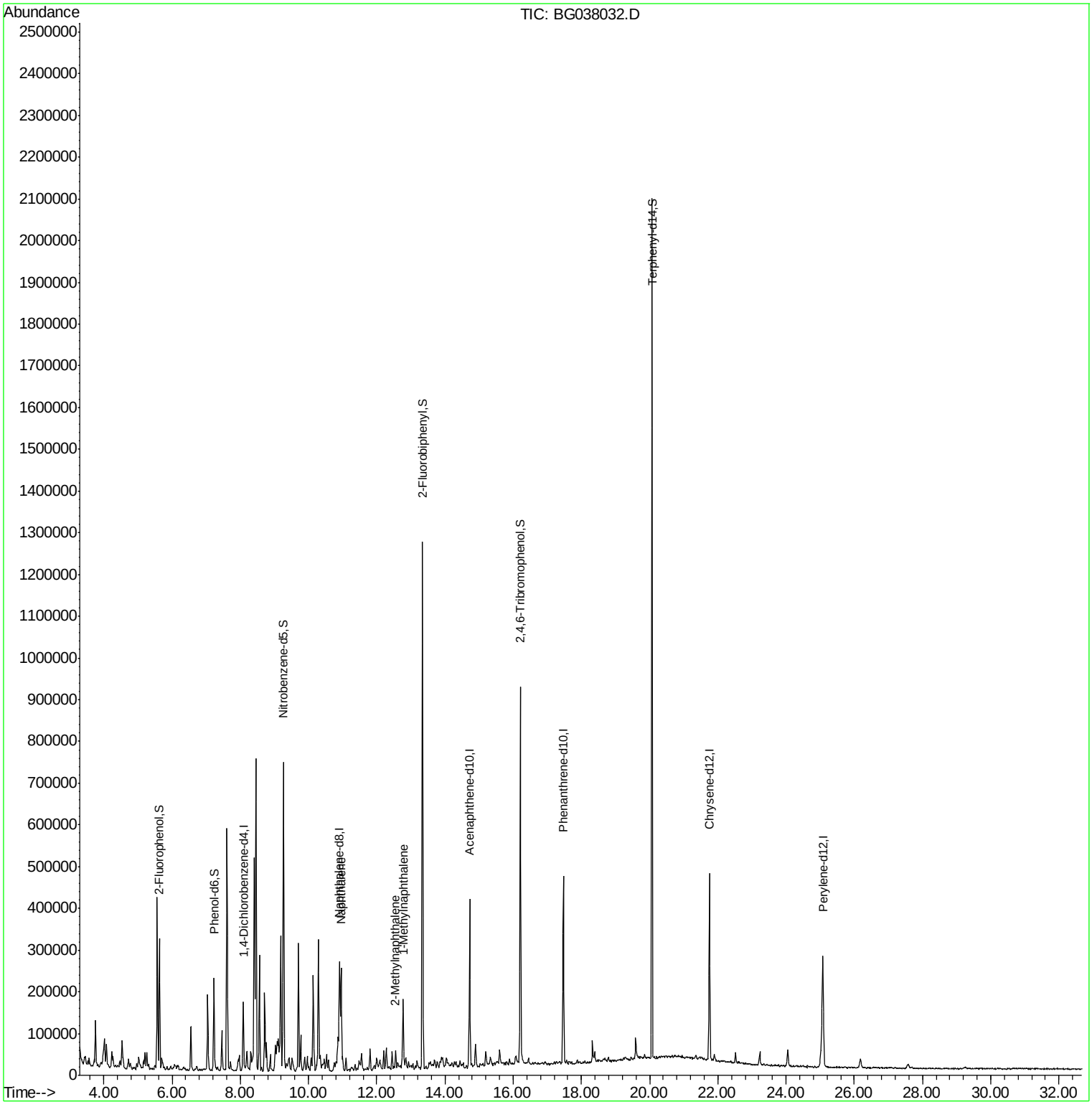
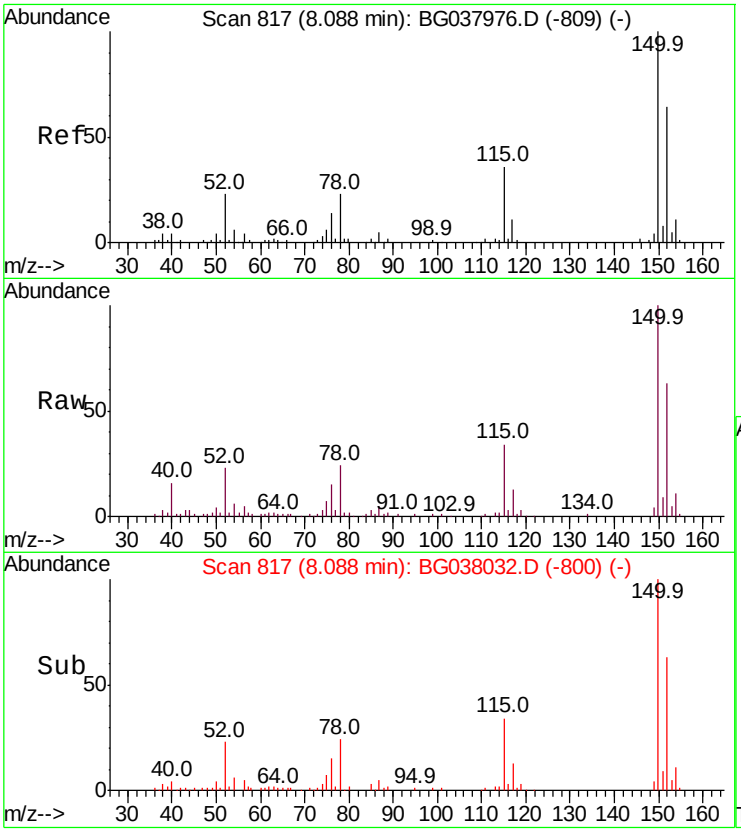


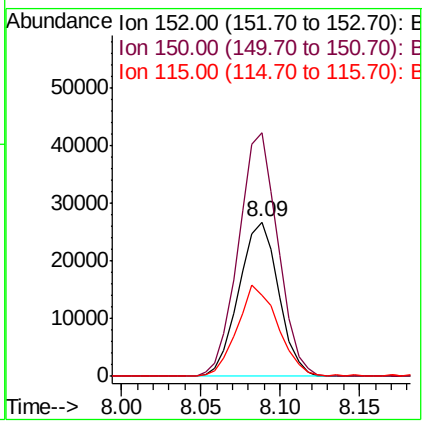


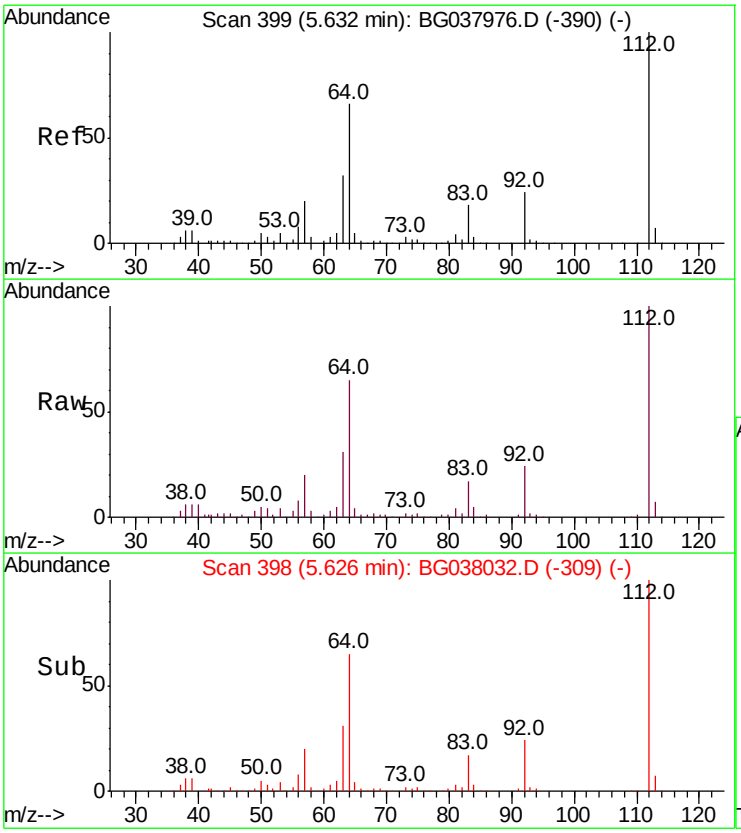
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. -0.00 min
Lab File: BG038032.D
Acq: 16 Nov 2018 14:06

Instrument :
BNA_G
ClientSampleId :
MW-2

Tgt Ion:152 Resp: 46677

Ion	Ratio	Lower	Upper
152	100		
150	157.7	126.0	189.0
115	52.9	45.5	68.3

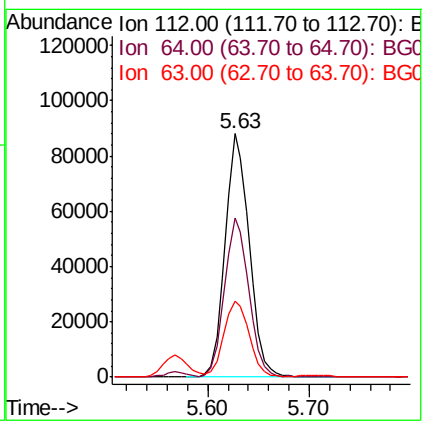


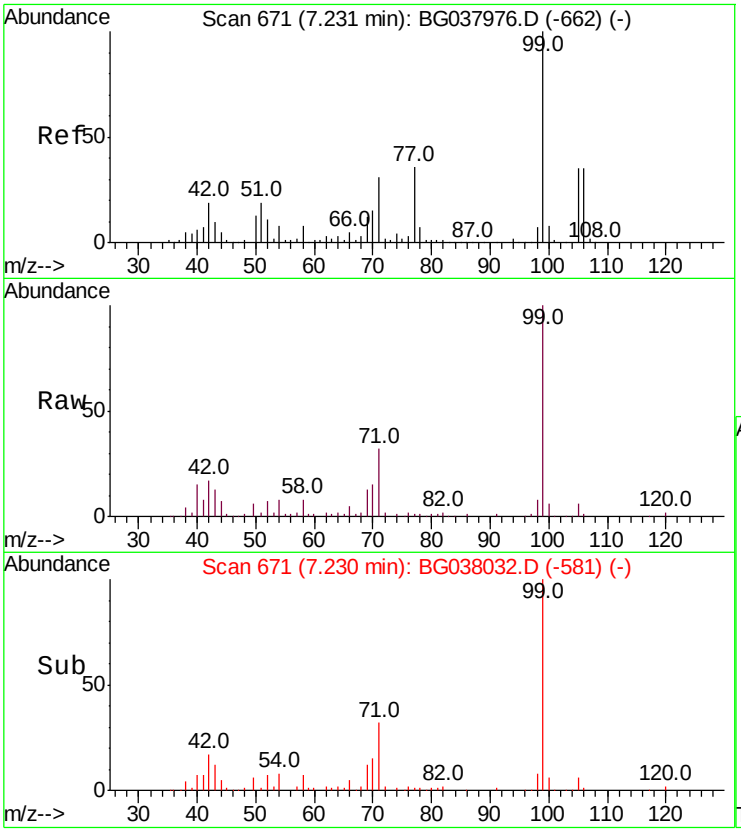


#5
2-Fluorophenol
Concen: 53.692 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.01 min
Lab File: BG038032.D
Acq: 16 Nov 2018 14:06

Tgt Ion:112 Resp: 145155

Ion	Ratio	Lower	Upper
112	100		
64	65.1	53.1	79.7
63	31.3	27.3	40.9



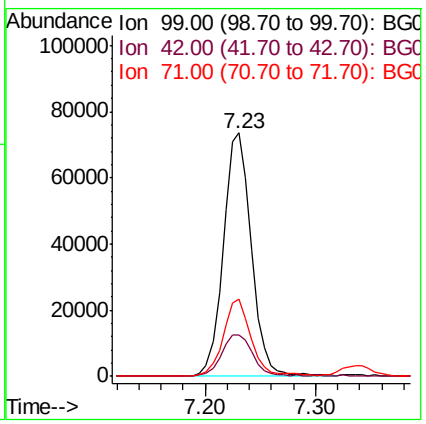


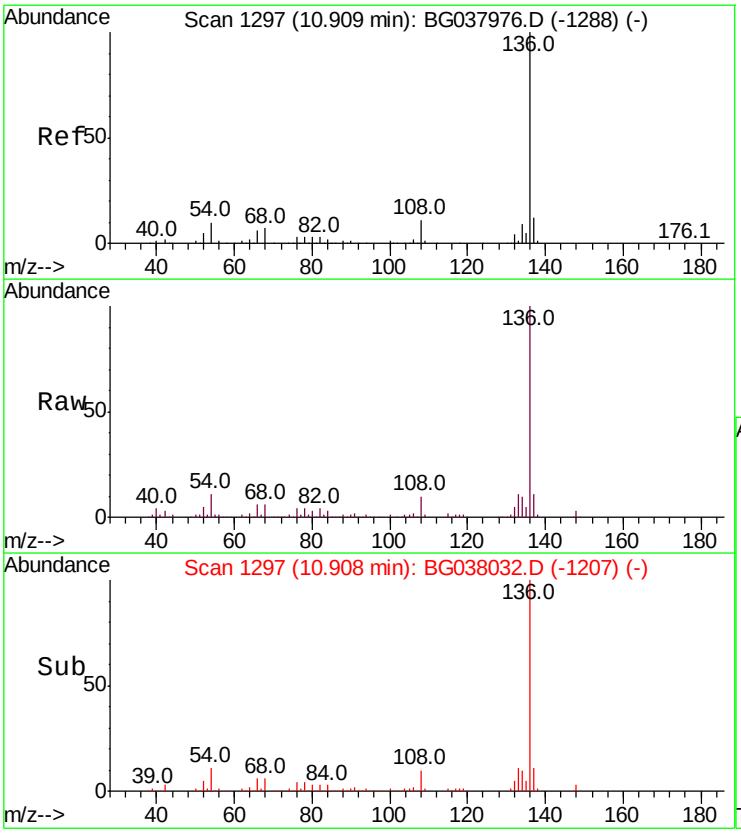
#7
Phenol-d6
Concen: 33.755 ng
RT: 7.23 min Scan# 671
Delta R.T. -0.00 min
Lab File: BG038032.D
Acq: 16 Nov 2018 14:06

Instrument :
BNA_G
ClientSampleId :
MW-2

Tgt Ion: 99 Resp: 130260

Ion	Ratio	Lower	Upper
99	100		
42	17.1	15.0	22.4
71	31.8	25.5	38.3

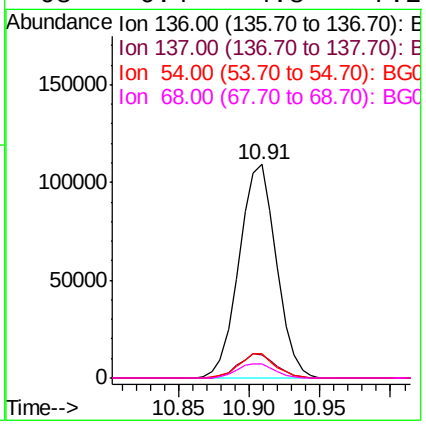


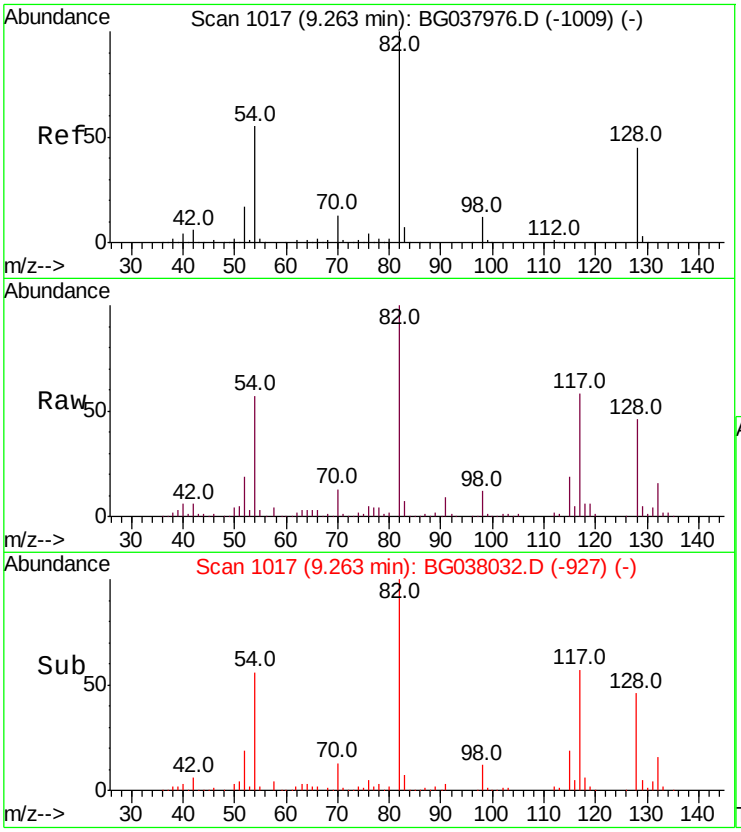


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1297
Delta R.T. -0.00 min
Lab File: BG038032.D
Acq: 16 Nov 2018 14:06

Tgt Ion:136 Resp: 202293

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.6	14.4
54	11.5	7.9	11.9
68	6.4	4.8	7.2



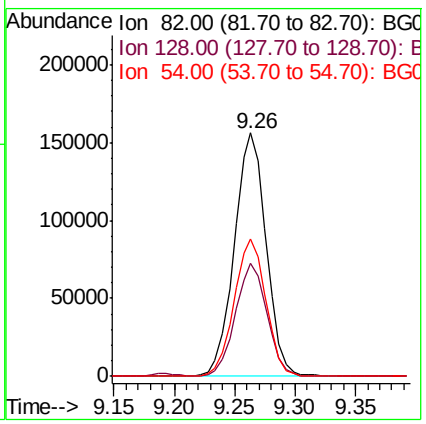


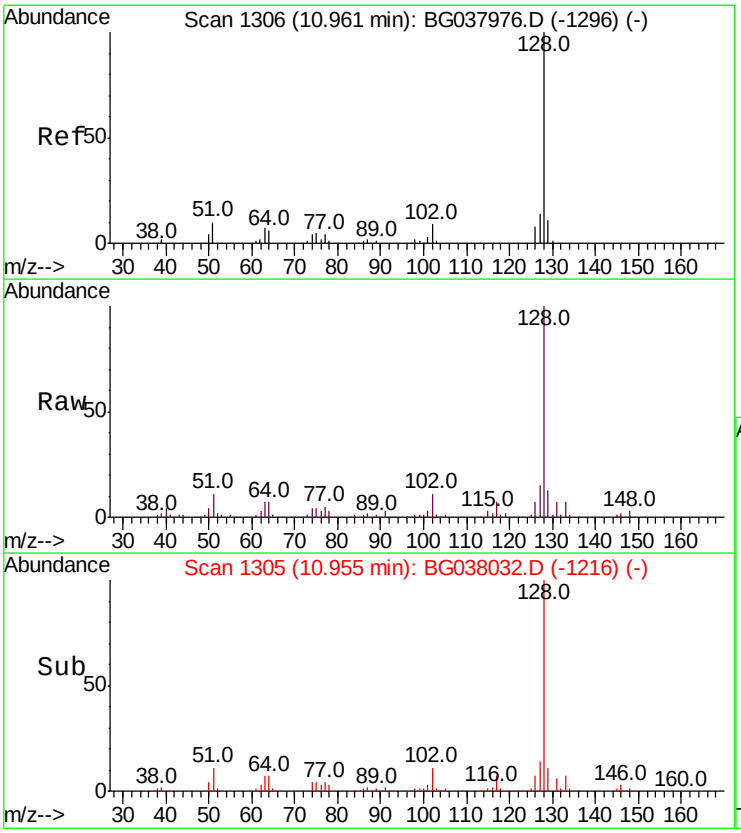
#23
Nitrobenzene-d5
Concen: 75.817 ng
RT: 9.26 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BG038032.D
Acq: 16 Nov 2018 14:06

Instrument :
BNA_G
ClientSampleId :
MW-2

Tgt Ion: 82 Resp: 286514

Ion	Ratio	Lower	Upper
82	100		
128	46.3	34.6	51.8
54	56.5	45.3	67.9

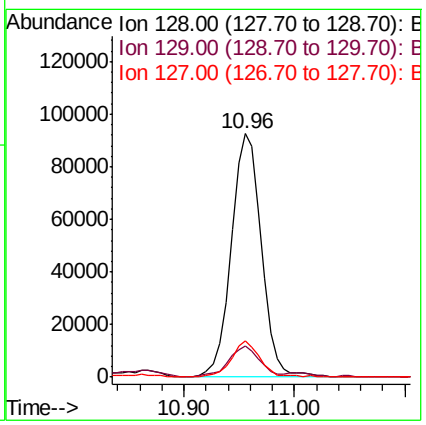


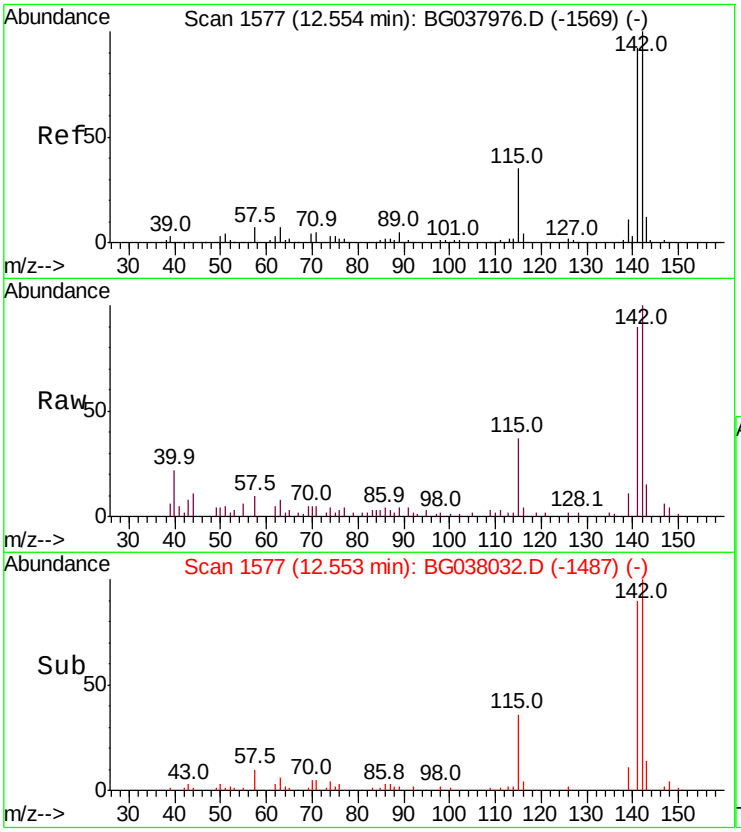


#31
Naphthalene
Concen: 17.695 ng
RT: 10.96 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BG038032.D
Acq: 16 Nov 2018 14:06

Tgt Ion:128 Resp: 176065

Ion	Ratio	Lower	Upper
128	100		
129	12.6	9.0	13.6
127	14.7	11.1	16.7



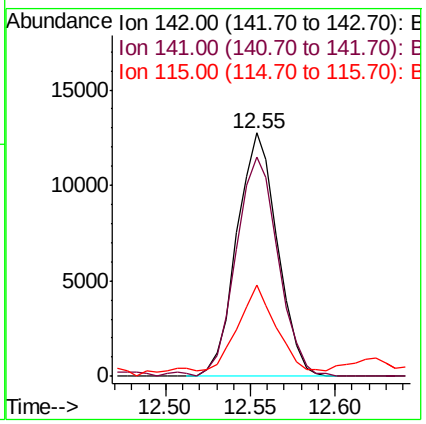


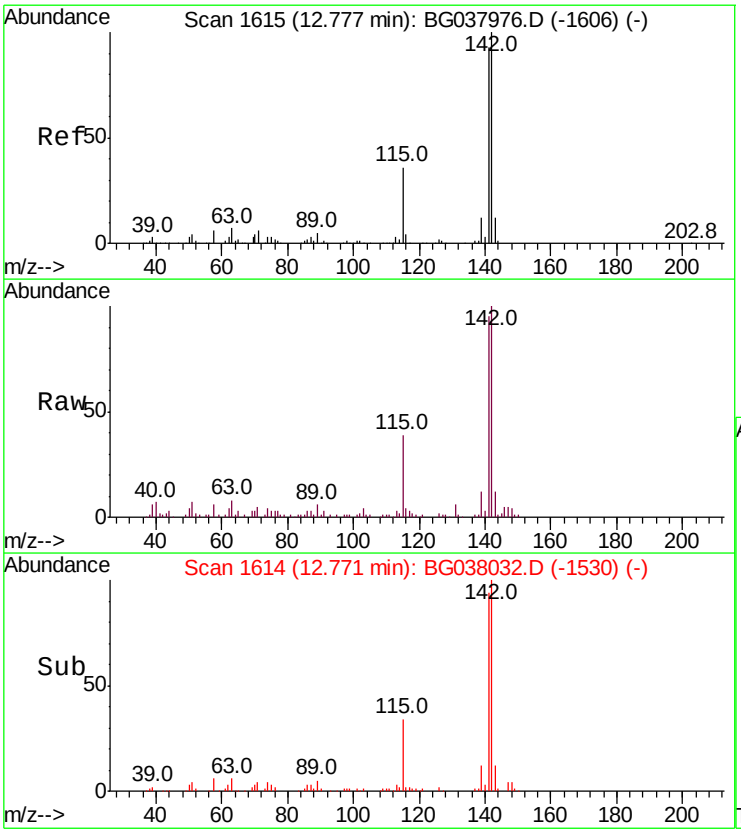
#37
2-Methylnaphthalene
Concen: 2.975 ng
RT: 12.55 min Scan# 1577
Delta R.T. -0.00 min
Lab File: BG038032.D
Acq: 16 Nov 2018 14:06

Instrument :
BNA_G
ClientSampleId :
MW-2

Tgt Ion:142 Resp: 21259

Ion	Ratio	Lower	Upper
142	100		
141	90.3	71.9	107.9
115	37.3	27.8	41.8

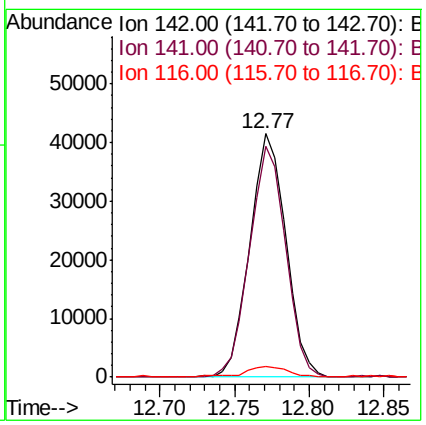


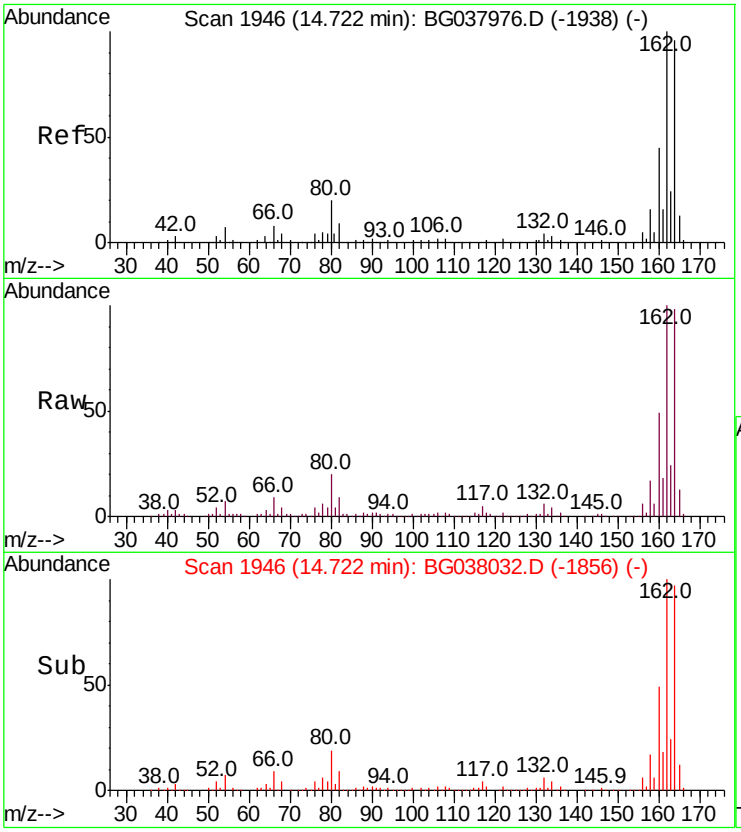


#38
1-Methylnaphthalene
Concen: 10.076 ng
RT: 12.77 min Scan# 1614
Delta R.T. -0.01 min
Lab File: BG038032.D
Acq: 16 Nov 2018 14:06

Tgt Ion:142 Resp: 69318

Ion	Ratio	Lower	Upper
142	100		
141	94.7	75.2	112.8
116	4.3	3.3	4.9



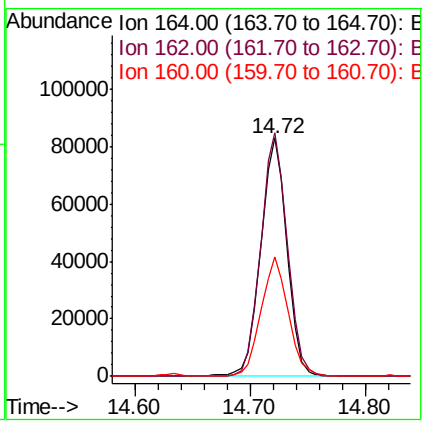


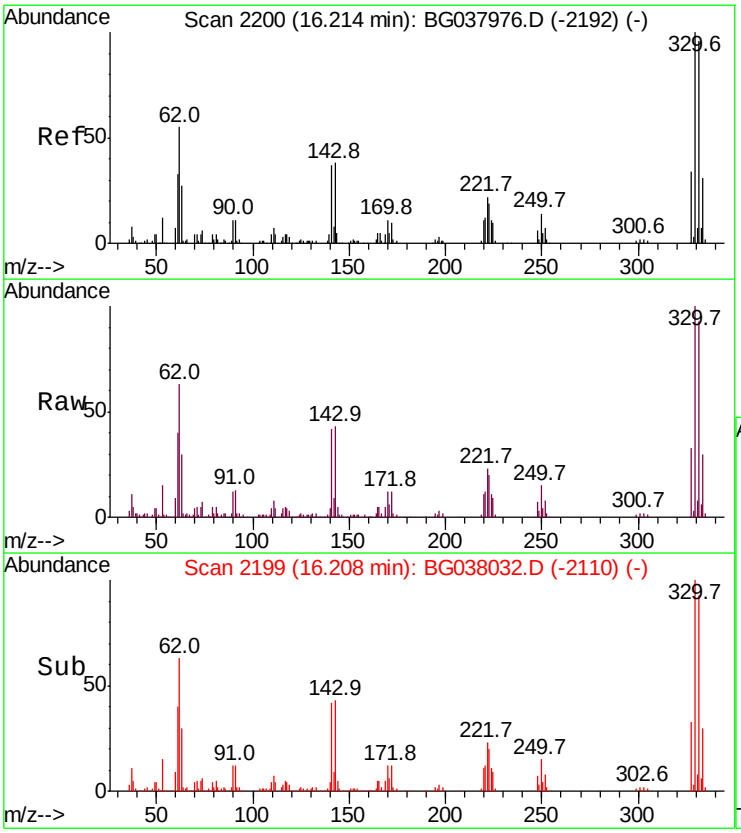
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1946
Delta R.T. -0.00 min
Lab File: BG038032.D
Acq: 16 Nov 2018 14:06

Instrument :
BNA_G
ClientSampleId :
MW-2

Tgt Ion:164 Resp: 131117

Ion	Ratio	Lower	Upper
164	100		
162	102.3	81.3	121.9
160	50.1	36.3	54.5

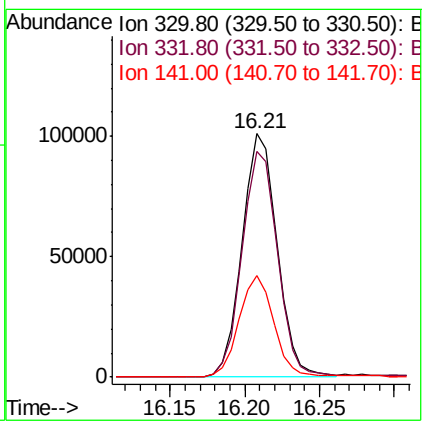


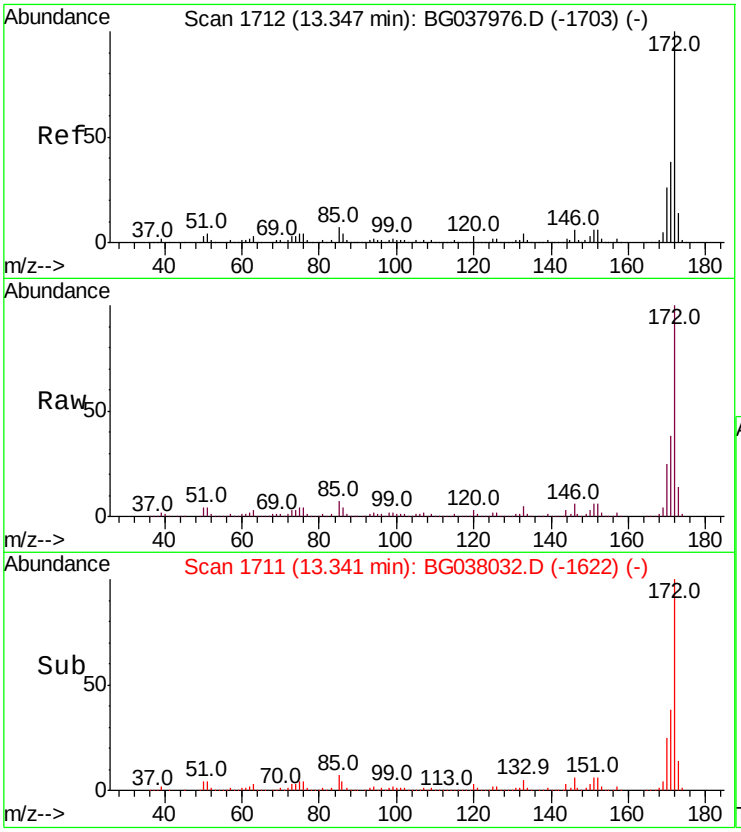


#42
2,4,6-Tribromophenol
Concen: 109.552 ng
RT: 16.21 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BG038032.D
Acq: 16 Nov 2018 14:06

Tgt Ion:330 Resp: 163819

Ion	Ratio	Lower	Upper
330	100		
332	94.2	78.4	117.6
141	42.4	32.2	48.2



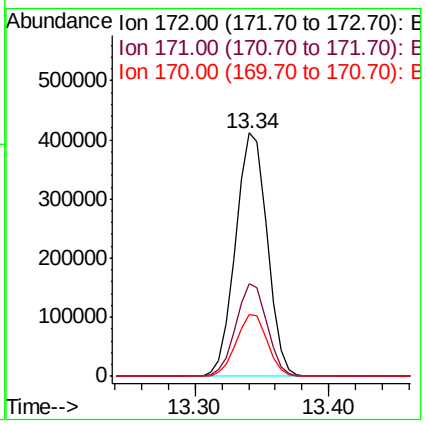


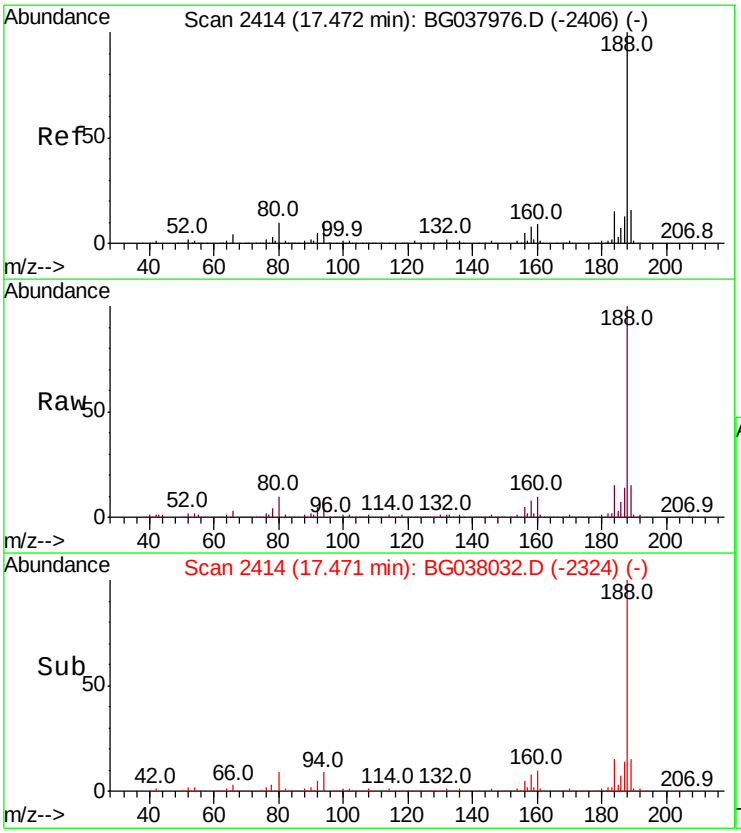
#45
2-Fluorobiphenyl
Concen: 74.882 ng
RT: 13.34 min Scan# 1711
Delta R.T. -0.01 min
Lab File: BG038032.D
Acq: 16 Nov 2018 14:06

Instrument :
BNA_G
ClientSampleId :
MW-2

Tgt Ion:172 Resp: 673940

Ion	Ratio	Lower	Upper
172	100		
171	38.1	31.0	46.4
170	25.2	20.2	30.2

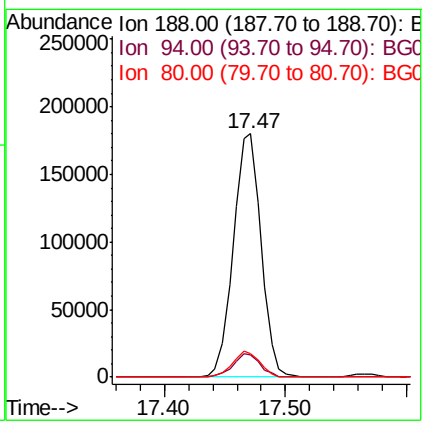


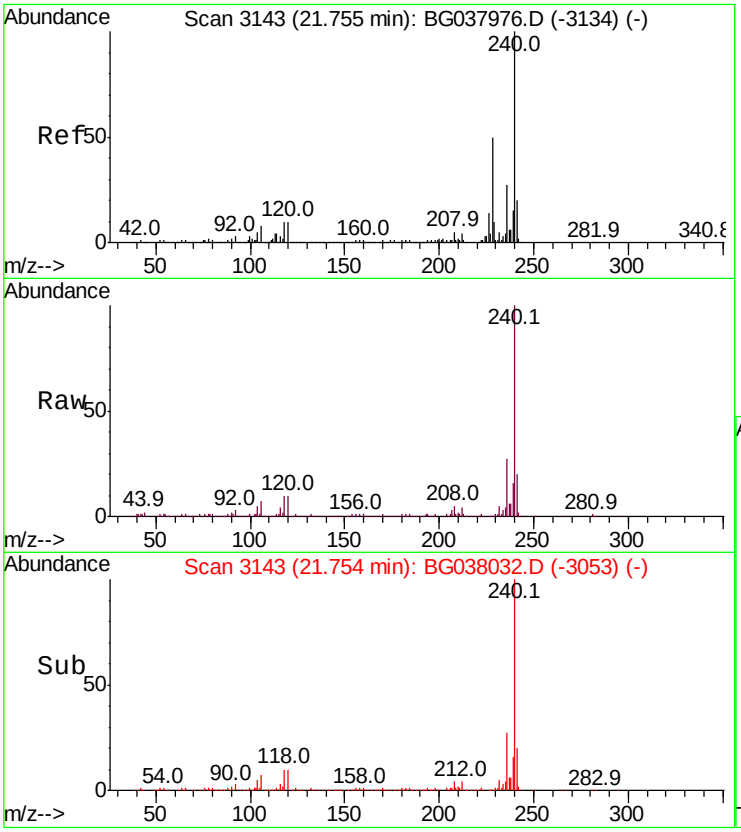


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2414
Delta R.T. -0.00 min
Lab File: BG038032.D
Acq: 16 Nov 2018 14:06

Tgt Ion:188 Resp: 287586

Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.2	10.8
80	9.6	7.7	11.5



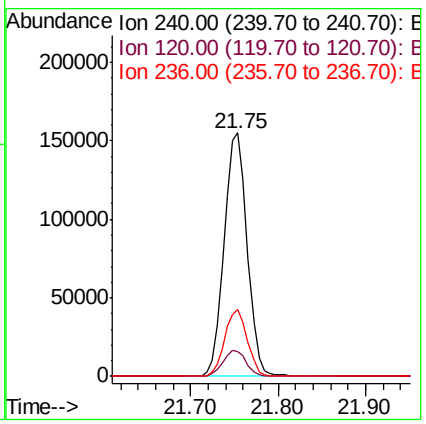


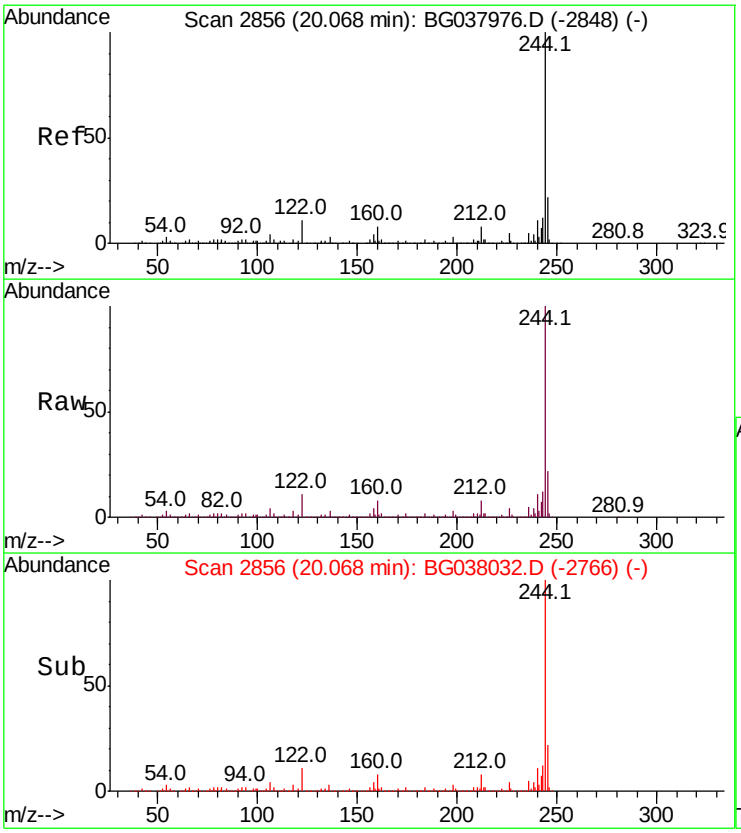
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3143
Delta R.T. -0.00 min
Lab File: BG038032.D
Acq: 16 Nov 2018 14:06

Instrument :
BNA_G
ClientSampleId :
MW-2

Tgt Ion:240 Resp: 280152

Ion	Ratio	Lower	Upper
240	100		
120	10.4	8.1	12.1
236	27.4	21.4	32.0

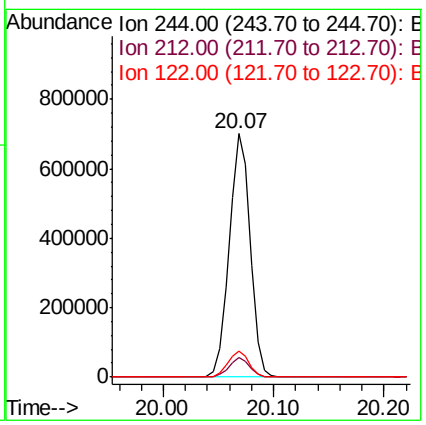


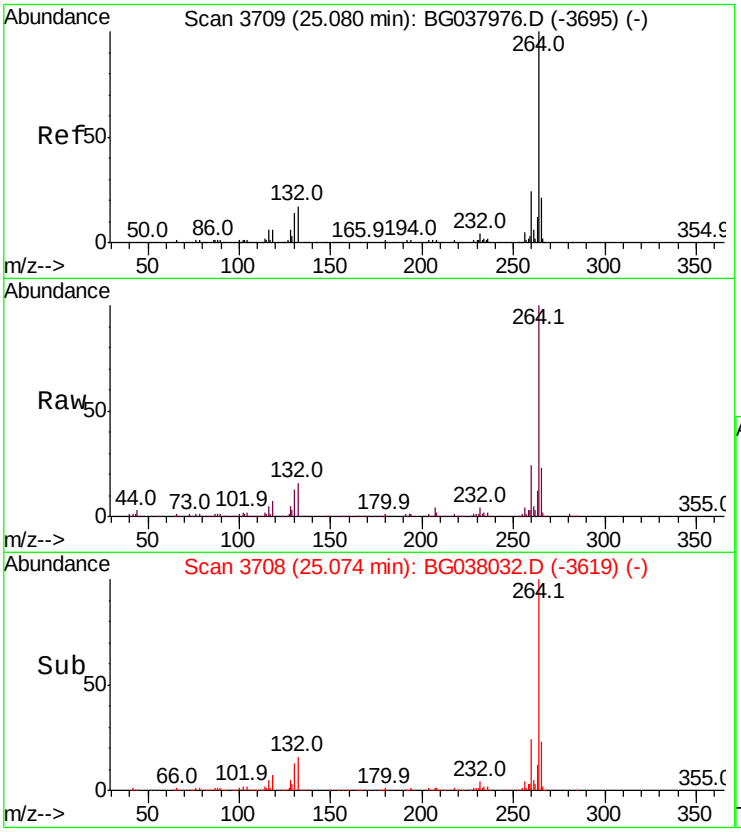


#79
Terphenyl-d14
Concen: 78.640 ng
RT: 20.07 min Scan# 2856
Delta R.T. 0.00 min
Lab File: BG038032.D
Acq: 16 Nov 2018 14:06

Tgt Ion:244 Resp: 936292

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.5	9.7
122	10.6	9.0	13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.07 min Scan# 3708
Delta R.T. -0.01 min
Lab File: BG038032.D
Acq: 16 Nov 2018 14:06

Instrument :
BNA_G
ClientSampleId :
MW-2

Tgt Ion:264 Resp: 293407

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.2	27.4
265	23.1	17.9	26.9