Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA G\DATA\BG122617\
Data File : BG031782.D
Acq On : 27 Dec 2017 4:39
Operator : SJ/JU
Sample : I7004-05DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PR-MW-1-121817

Quant Time: Dec 27 06:54:48 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 22 11:08:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.80	152	43471	20.00	ng	-0.03
21) Naphthalene-d8	11.69	136	190096	20.00	ng	-0.03
38) Acenaphthene-d10	15.43	164	139792	20.00	ng	-0.03
63) Phenanthrene-d10	18.16	188	369850	20.00	ng	-0.04
75) Chrysene-d12	22.51	240	453181	20.00	ng	-0.06
86) Perylene-d12	26.26	264	493383	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	6.23	112	34021	14.25	ng	-0.02
7) Phenol-d6	7.90	99	27155	8.76	ng	-0.03
23) Nitrobenzene-d5	10.00	82	56658	22.51	ng	-0.04
41) 2,4,6-Tribromophenol	16.91	330	77557	36.36	ng	-0.03
44) 2-Fluorobiphenyl	14.06	172	236405	21.23	ng	-0.03
78) Terphenyl-d14	20.70	244	503625	25.39	ng	-0.04
Target Compounds						Qvalue
31) Naphthalene	11.74	128	213939	22.300	ng	96
37) 2-Methylnaphthalene	13.30	142	112842	14.509	ng	92

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

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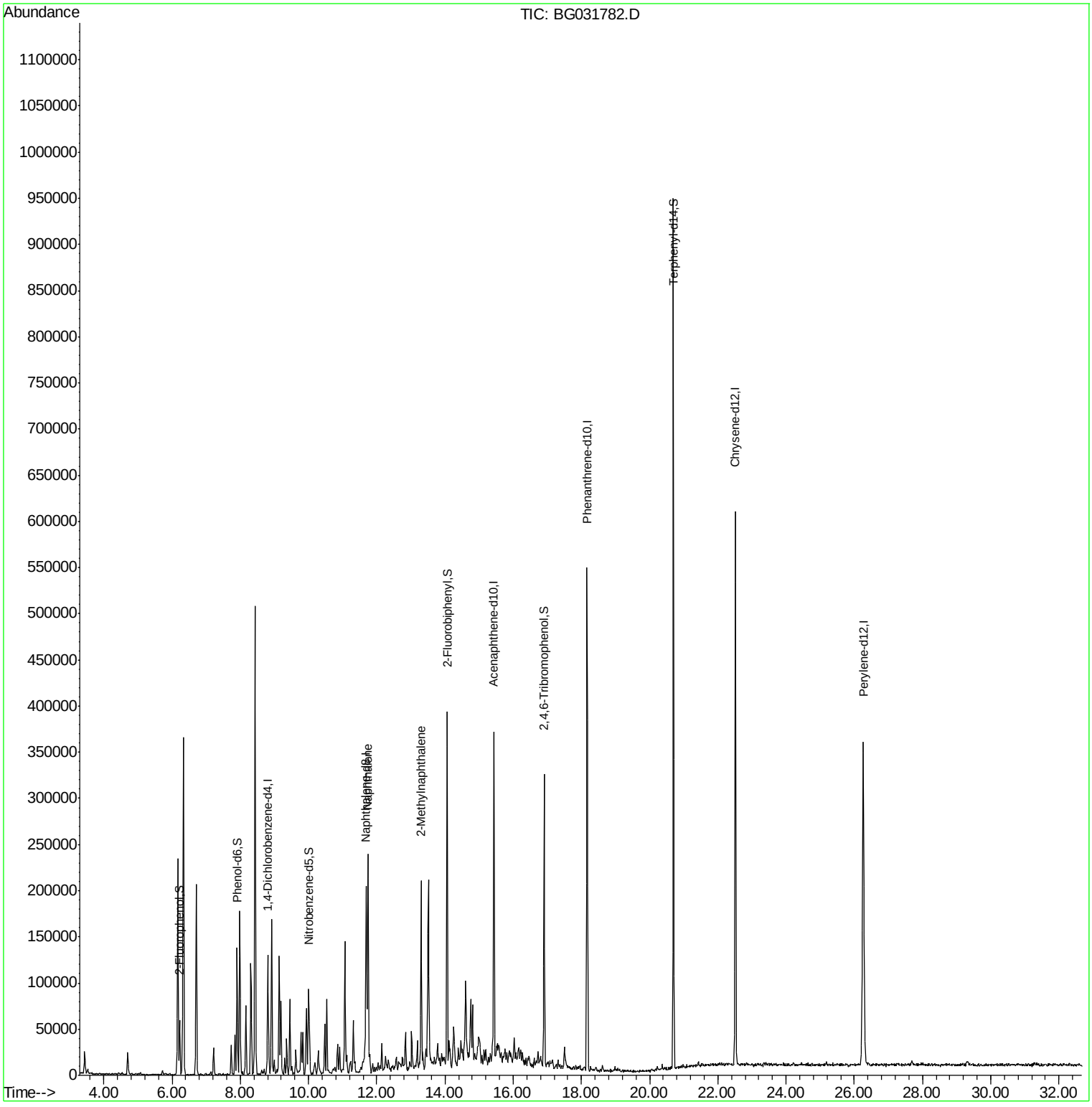
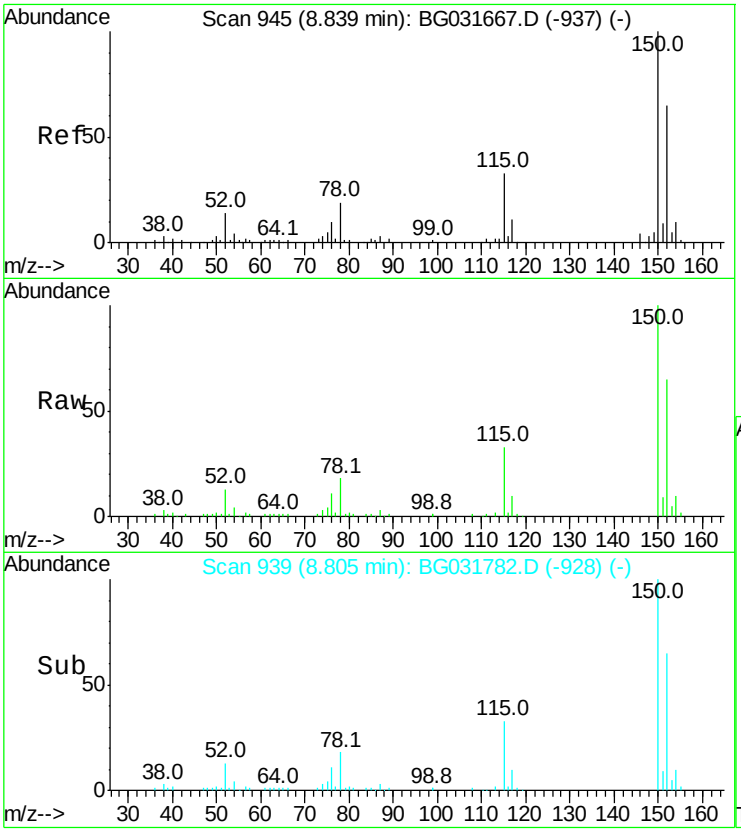


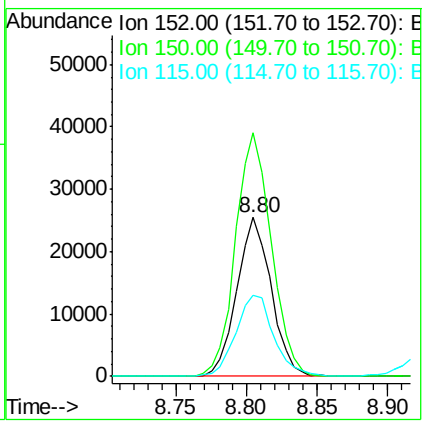


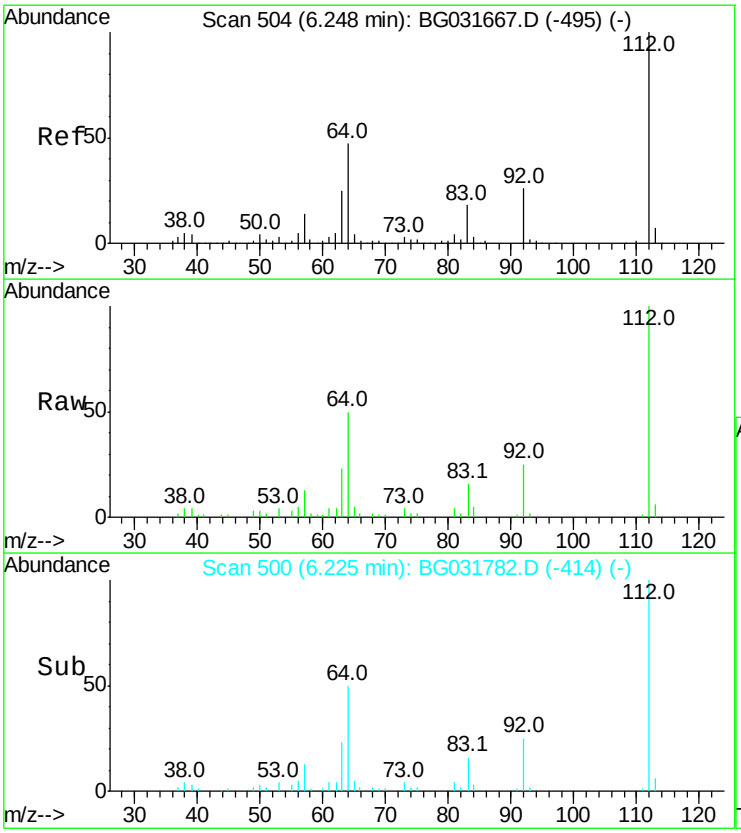
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.80 min Scan# 939
Delta R.T. -0.03 min
Lab File: BG031782.D
Acq: 27 Dec 2017 4:39

Instrument :
BNA_G
ClientSampleId :
PR-MW-1-121817

Tgt Ion:152 Resp: 43471

Ion	Ratio	Lower	Upper
152	100		
150	153.1	126.6	189.8
115	50.9	53.0	79.4#

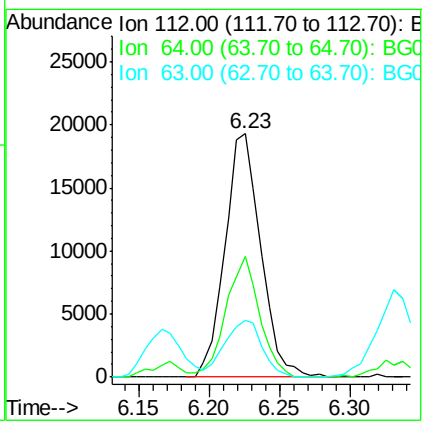


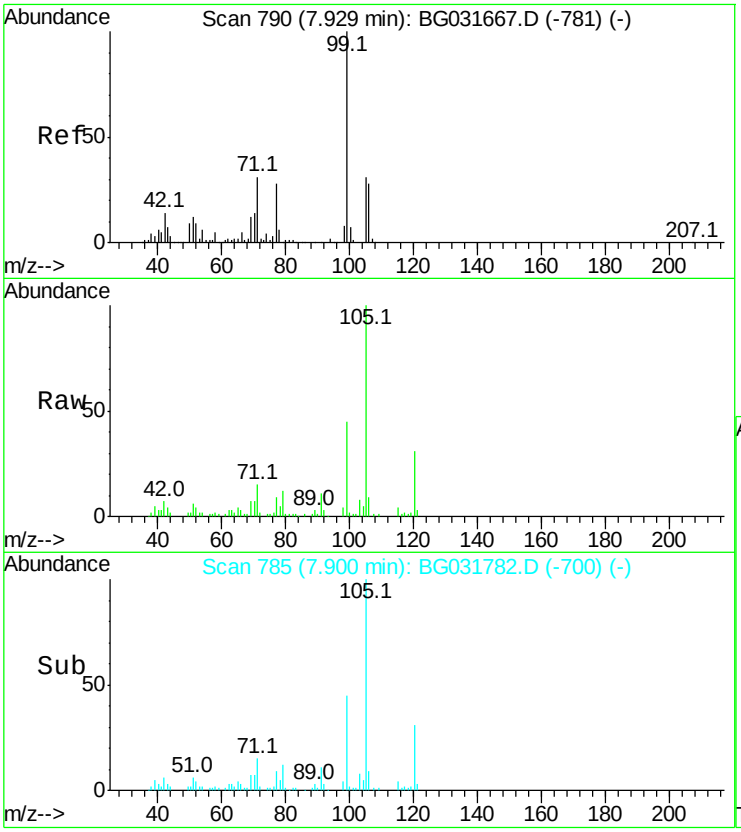


#5
2-Fluorophenol
Concen: 14.254 ng
RT: 6.23 min Scan# 500
Delta R.T. -0.02 min
Lab File: BG031782.D
Acq: 27 Dec 2017 4:39

Tgt Ion:112 Resp: 34021

Ion	Ratio	Lower	Upper
112	100		
64	49.7	56.3	84.5#
63	23.3	30.1	45.1#



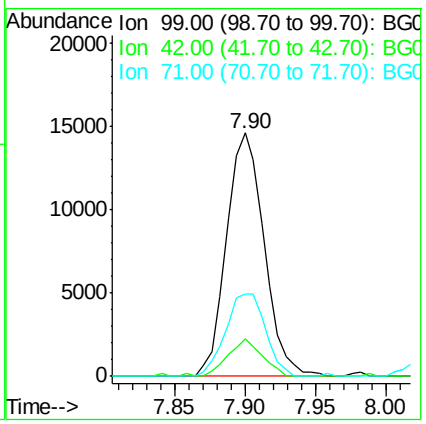


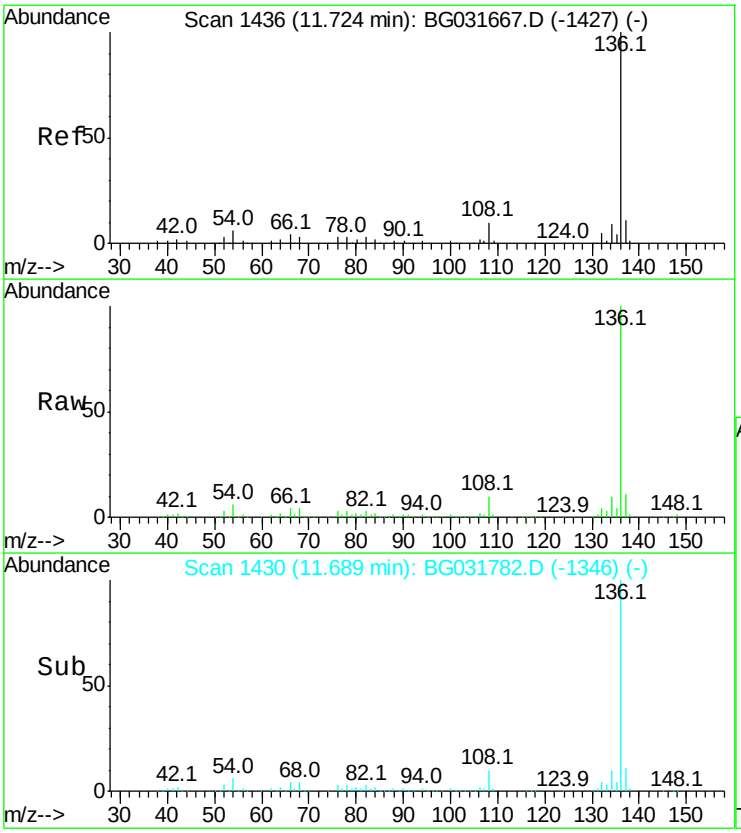
#7
Phenol-d6
Concen: 8.763 ng
RT: 7.90 min Scan# 785
Delta R.T. -0.03 min
Lab File: BG031782.D
Acq: 27 Dec 2017 4:39

Instrument :
BNA_G
ClientSampleId :
PR-MW-1-121817

Tgt Ion: 99 Resp: 27155

Ion	Ratio	Lower	Upper
99	100		
42	15.2	14.1	21.1
71	33.6	26.1	39.1

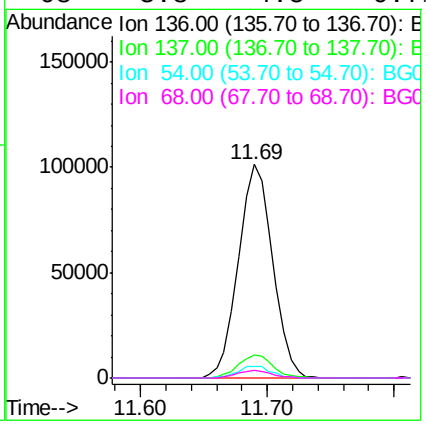


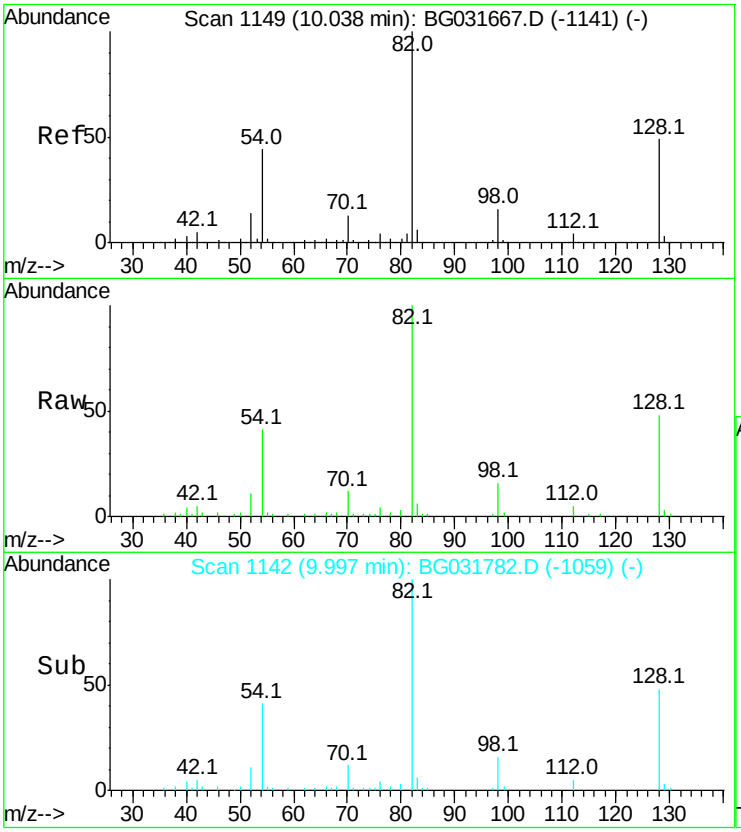


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.69 min Scan# 1430
Delta R.T. -0.03 min
Lab File: BG031782.D
Acq: 27 Dec 2017 4:39

Tgt Ion:136 Resp: 190096

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.2	13.8
54	5.6	10.3	15.5#
68	3.8	4.5	6.7#



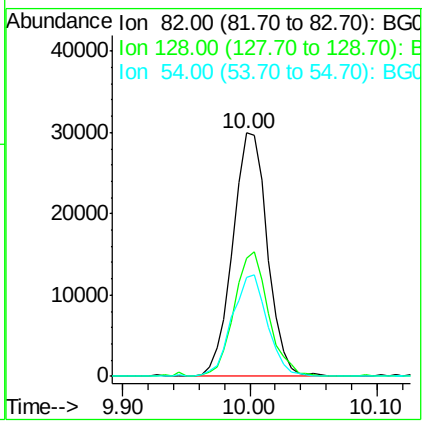


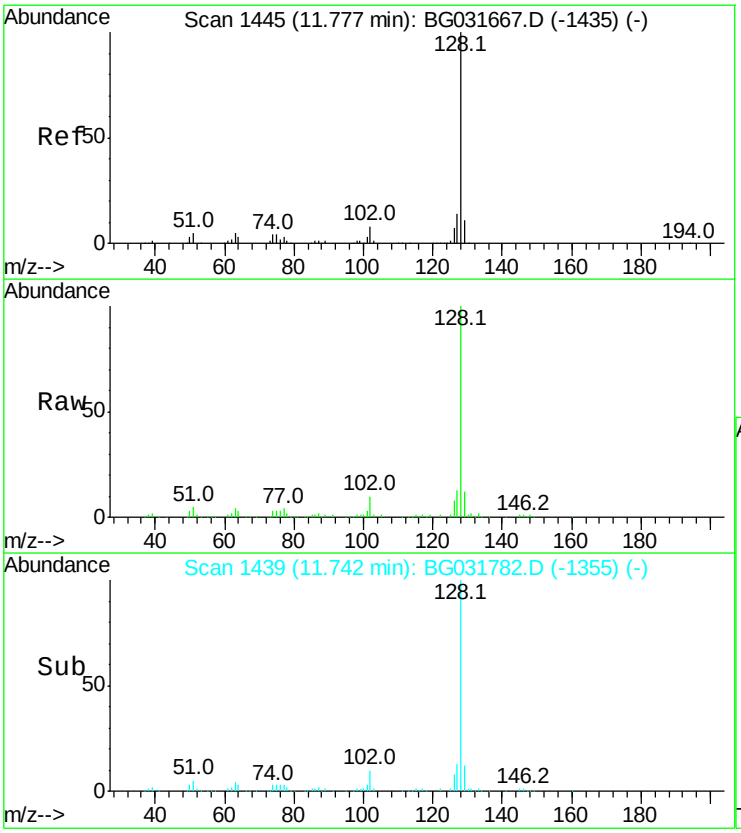
#23
Nitrobenzene-d5
Concen: 22.506 ng
RT: 10.00 min Scan# 1142
Delta R.T. -0.04 min
Lab File: BG031782.D
Acq: 27 Dec 2017 4:39

Instrument :
BNA_G
ClientSampleId :
PR-MW-1-121817

Tgt Ion: 82 Resp: 56658

Ion	Ratio	Lower	Upper
82	100		
128	48.4	29.7	44.5#
54	40.6	43.1	64.7#

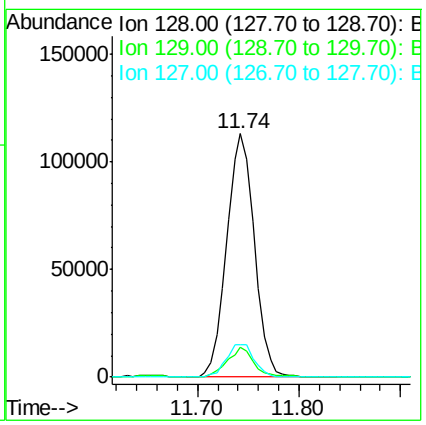


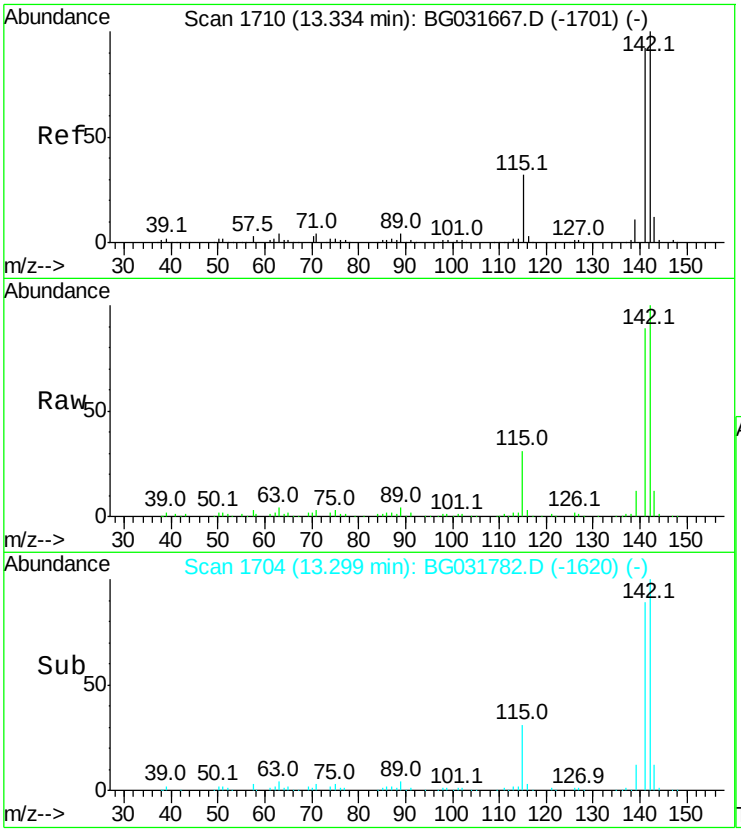


#31
Naphthalene
Concen: 22.300 ng
RT: 11.74 min Scan# 1439
Delta R.T. -0.03 min
Lab File: BG031782.D
Acq: 27 Dec 2017 4:39

Tgt Ion:128 Resp: 213939

Ion	Ratio	Lower	Upper
128	100		
129	12.3	8.6	12.8
127	13.3	11.6	17.4



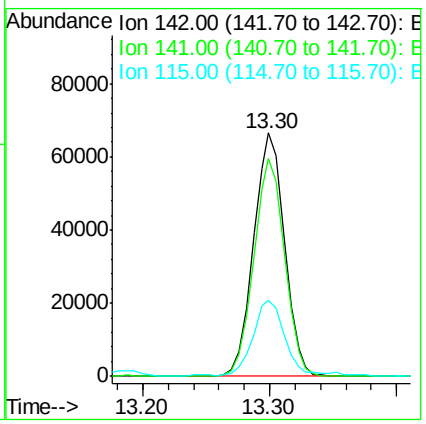


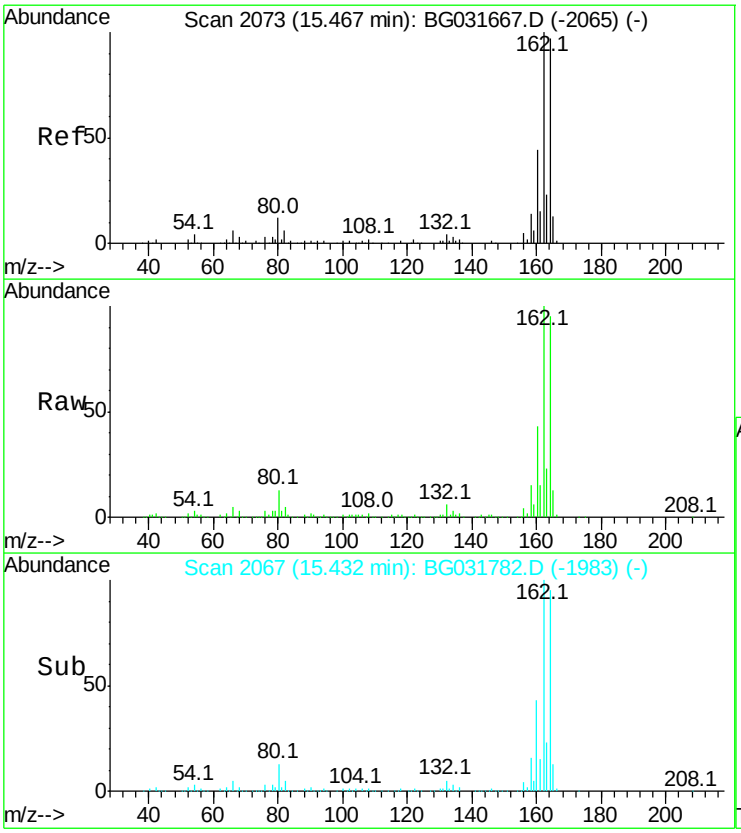
#37
2-Methylnaphthalene
Concen: 14.509 ng
RT: 13.30 min Scan# 1704
Delta R.T. -0.03 min
Lab File: BG031782.D
Acq: 27 Dec 2017 4:39

Instrument :
BNA_G
ClientSampleId :
PR-MW-1-121817

Tgt Ion:142 Resp: 112842

Ion	Ratio	Lower	Upper
142	100		
141	89.4	67.1	100.7
115	31.2	30.7	46.1

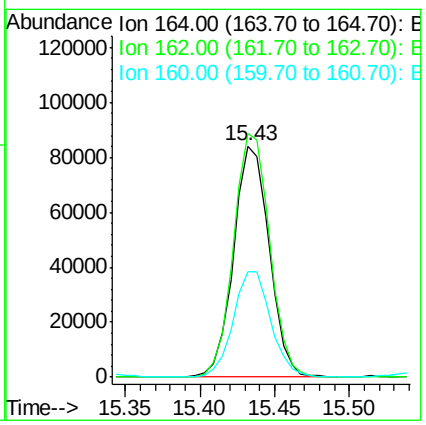


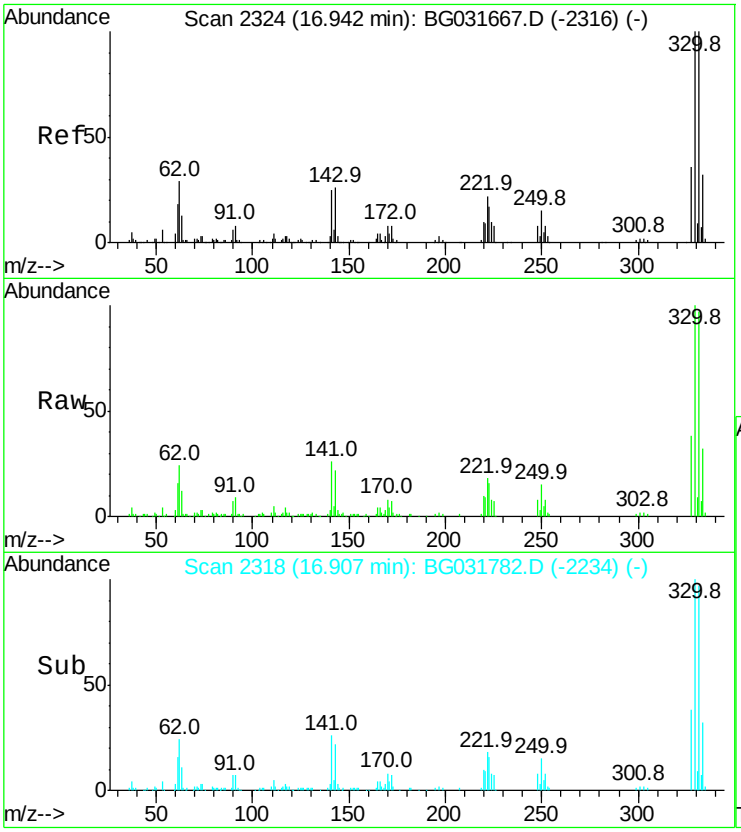


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.43 min Scan# 2067
Delta R.T. -0.03 min
Lab File: BG031782.D
Acq: 27 Dec 2017 4:39

Tgt Ion:164 Resp: 139792

Ion	Ratio	Lower	Upper
164	100		
162	105.4	78.8	118.2
160	45.8	35.4	53.0



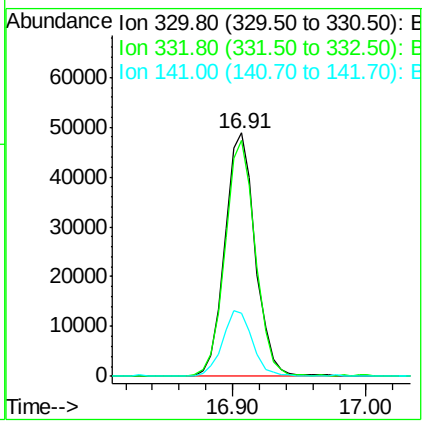


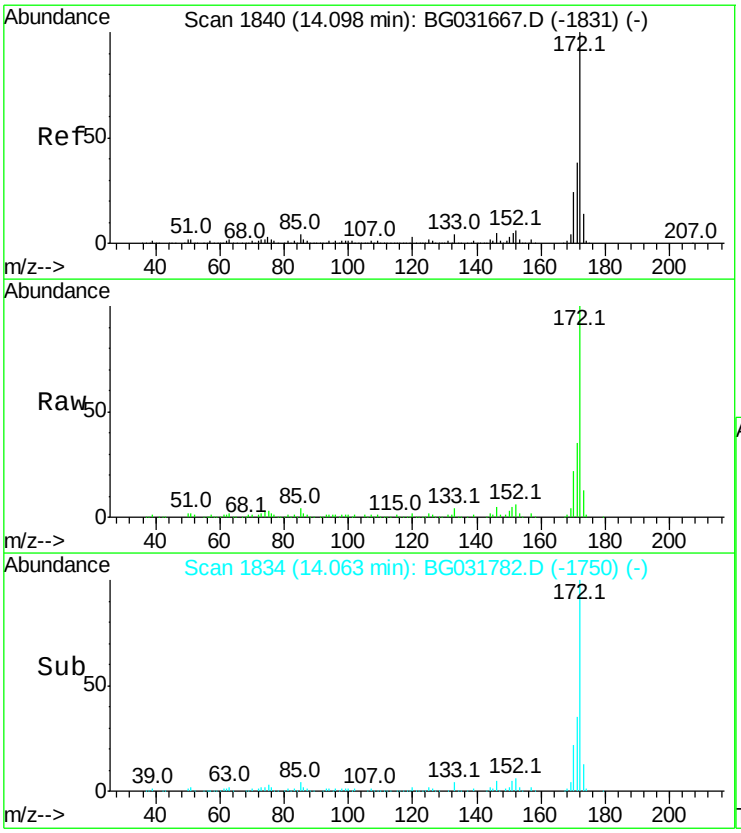
#41
2,4,6-Tribromophenol
Concen: 36.360 ng
RT: 16.91 min Scan# 2318
Delta R.T. -0.03 min
Lab File: BG031782.D
Acq: 27 Dec 2017 4:39

Instrument :
BNA_G
ClientSampleId :
PR-MW-1-121817

Tgt Ion:330 Resp: 77557

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	26.9	25.2	37.8

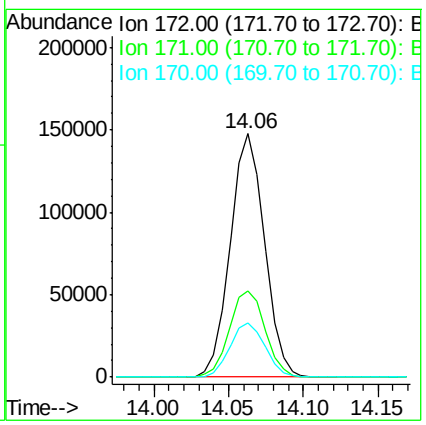


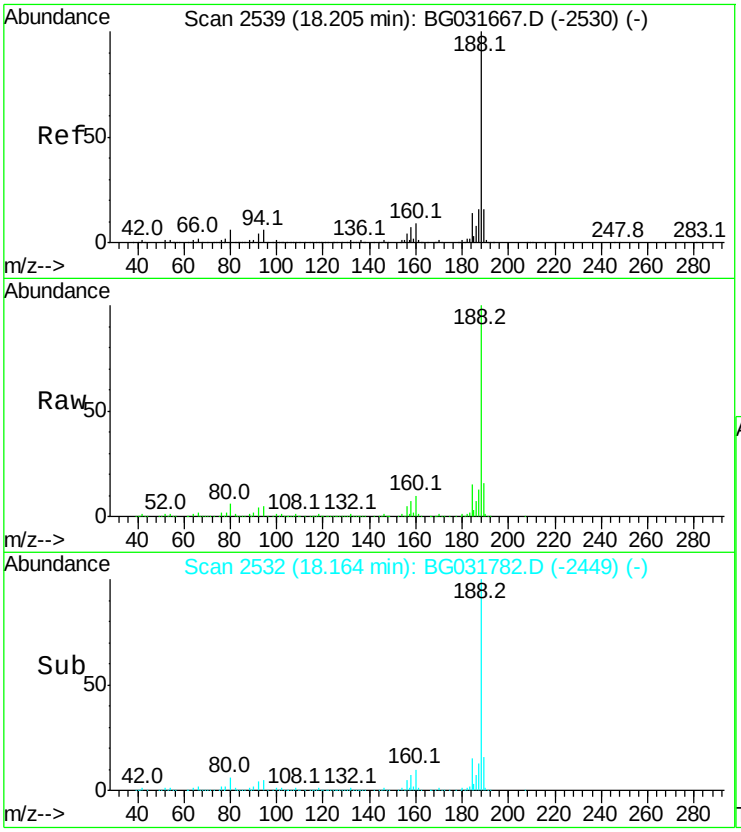


#44
2-Fluorobiphenyl
Concen: 21.226 ng
RT: 14.06 min Scan# 1834
Delta R.T. -0.03 min
Lab File: BG031782.D
Acq: 27 Dec 2017 4:39

Tgt Ion:172 Resp: 236405

Ion	Ratio	Lower	Upper
172	100		
171	35.2	30.0	45.0
170	22.4	19.5	29.3



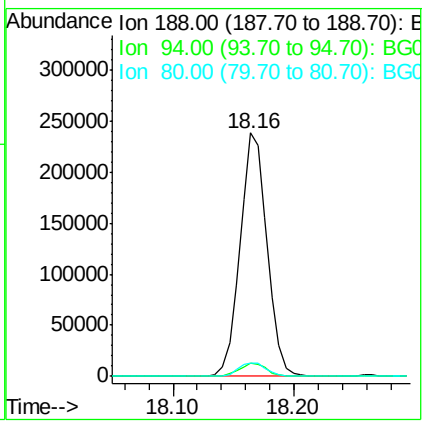


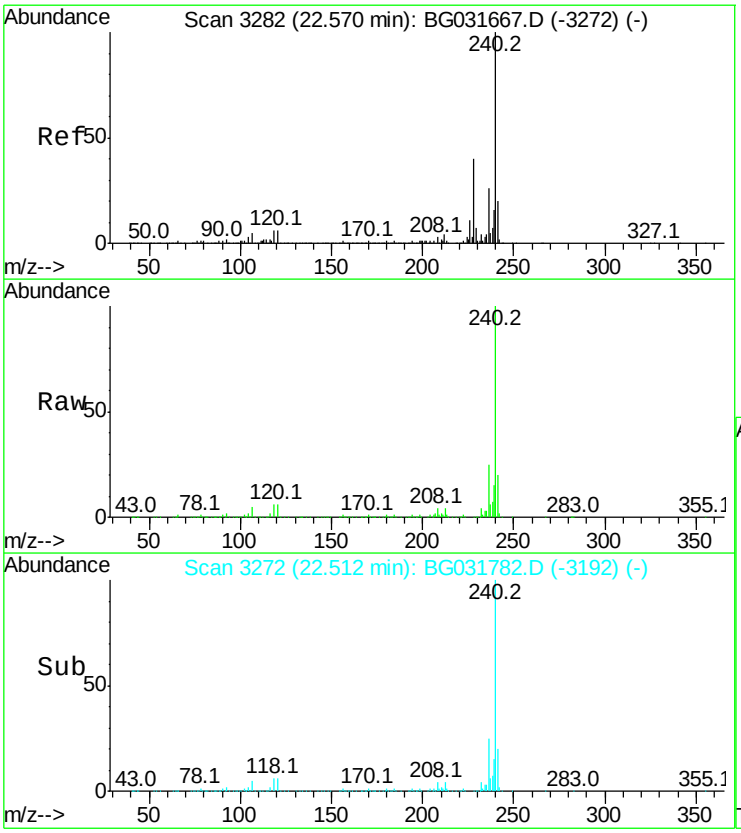
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.16 min Scan# 2532
Delta R.T. -0.04 min
Lab File: BG031782.D
Acq: 27 Dec 2017 4:39

Instrument :
BNA_G
ClientSampleId :
PR-MW-1-121817

Tgt Ion:188 Resp: 369850

Ion	Ratio	Lower	Upper
188	100		
94	5.4	6.9	10.3#
80	5.7	7.7	11.5#

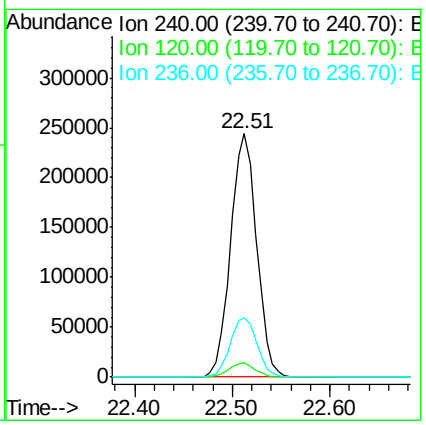


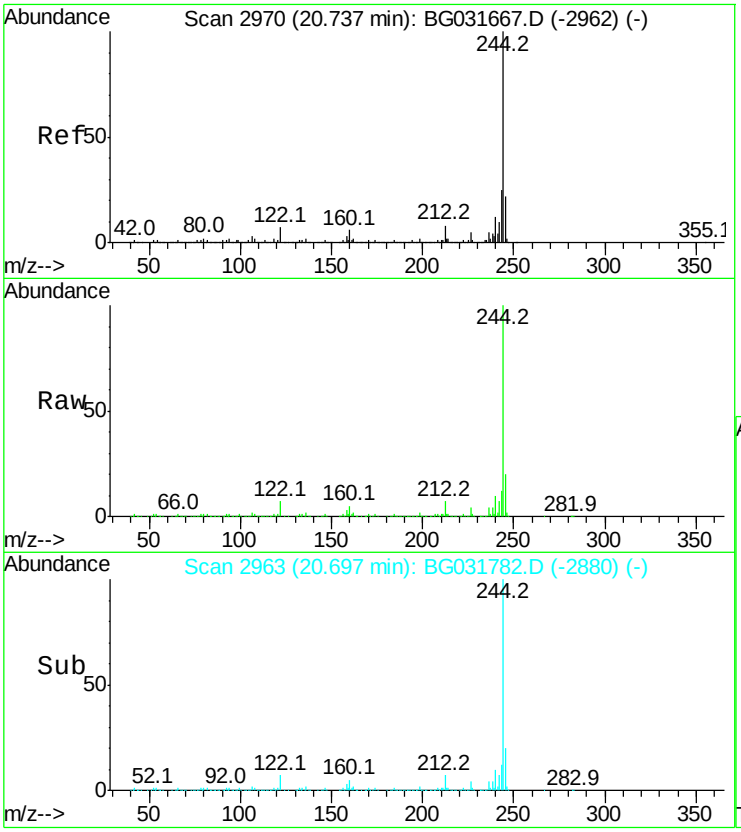


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.51 min Scan# 3272
Delta R.T. -0.06 min
Lab File: BG031782.D
Acq: 27 Dec 2017 4:39

Tgt Ion:240 Resp: 453181

Ion	Ratio	Lower	Upper
240	100		
120	6.2	6.8	10.2#
236	24.6	20.9	31.3



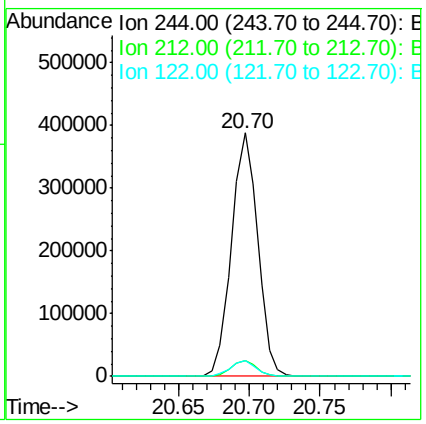


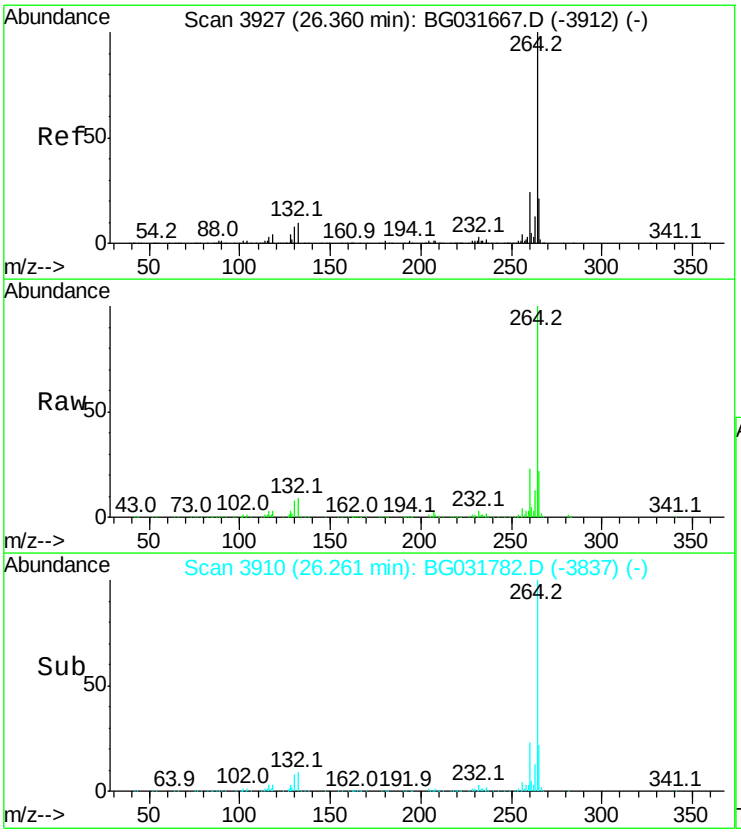
#78
Terphenyl-d14
Concen: 25.390 ng
RT: 20.70 min Scan# 2963
Delta R.T. -0.04 min
Lab File: BG031782.D
Acq: 27 Dec 2017 4:39

Instrument :
BNA_G
ClientSampleId :
PR-MW-1-121817

Tgt Ion:244 Resp: 503625

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.8	8.8
122	6.6	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.26 min Scan# 3910
Delta R.T. -0.10 min
Lab File: BG031782.D
Acq: 27 Dec 2017 4:39

Tgt Ion:264 Resp: 493383

Ion	Ratio	Lower	Upper
264	100		
260	23.3	17.4	26.0
265	21.7	17.7	26.5