Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110716\
Data File : BG024738.D
Acq On : 7 Nov 2016 21:02
Operator : UM/SJ
Sample : H5544-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-112-11.3-23.0

Quant Time: Nov 08 00:04:07 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 26 11:14:13 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	93384	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	363578	20.00	ng	-0.02
38) Acenaphthene-d10	14.88	164	283218	20.00	ng	-0.02
63) Phenanthrene-d10	17.62	188	633463	20.00	ng	0.00
75) Chrysene-d12	21.91	240	982667	20.00	ng	-0.02
86) Perylene-d12	25.33	264	1042409	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.79	112	490975	86.17	ng	0.00
7) Phenol-d6	7.40	99	485430	62.11	ng	0.00
23) Nitrobenzene-d5	9.44	82	787560	98.62	ng	-0.02
41) 2,4,6-Tribromophenol	16.36	330	665498	157.29	ng	0.00
44) 2-Fluorobiphenyl	13.50	172	1722476	101.08	ng	-0.02
78) Terphenyl-d14	20.20	244	2788232	84.79	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	14.32	163	65297	3.25	ng	# 97
69) Pentachlorophenol	17.26	266	11230	2.00	ng	# 70

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

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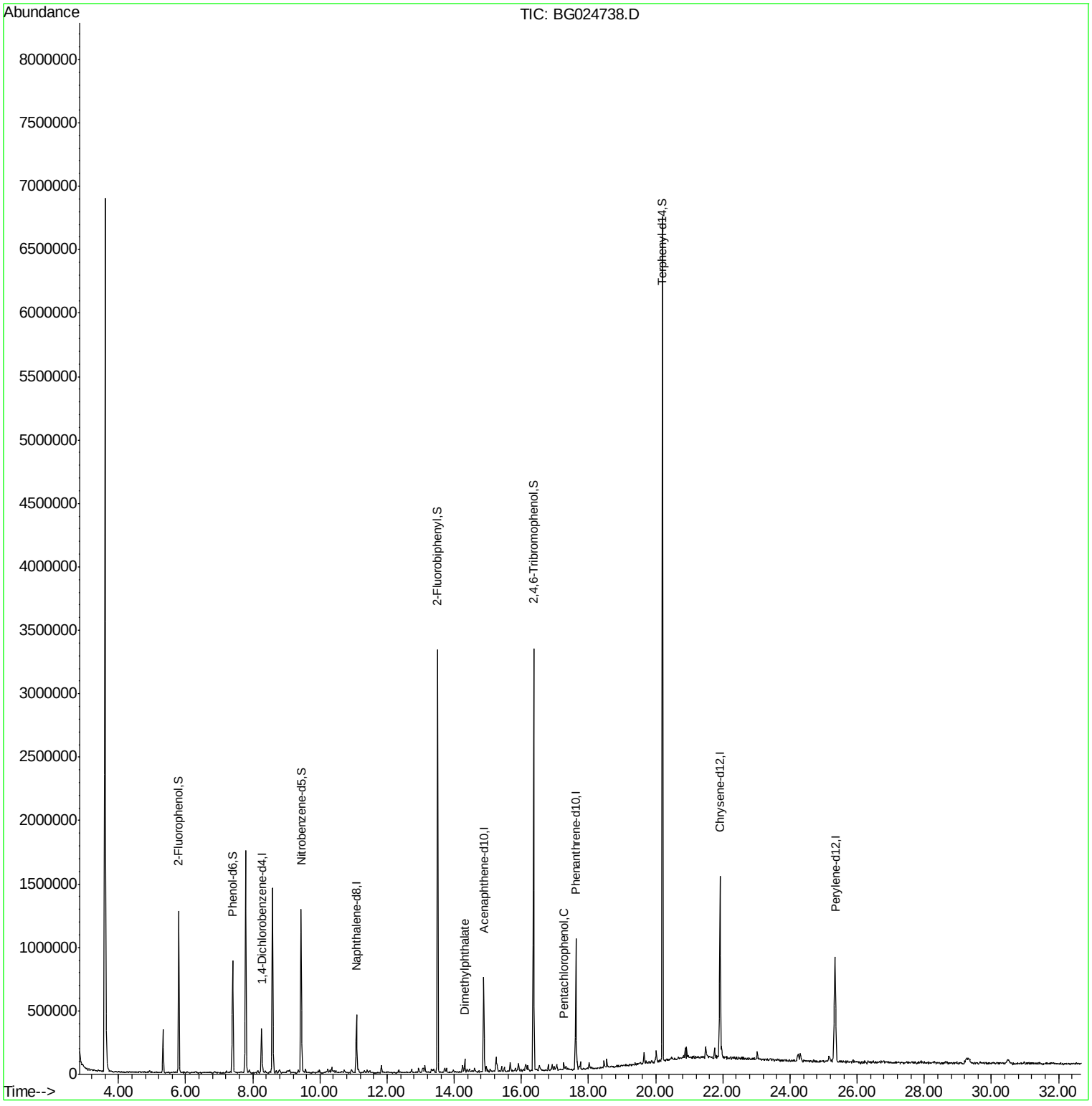
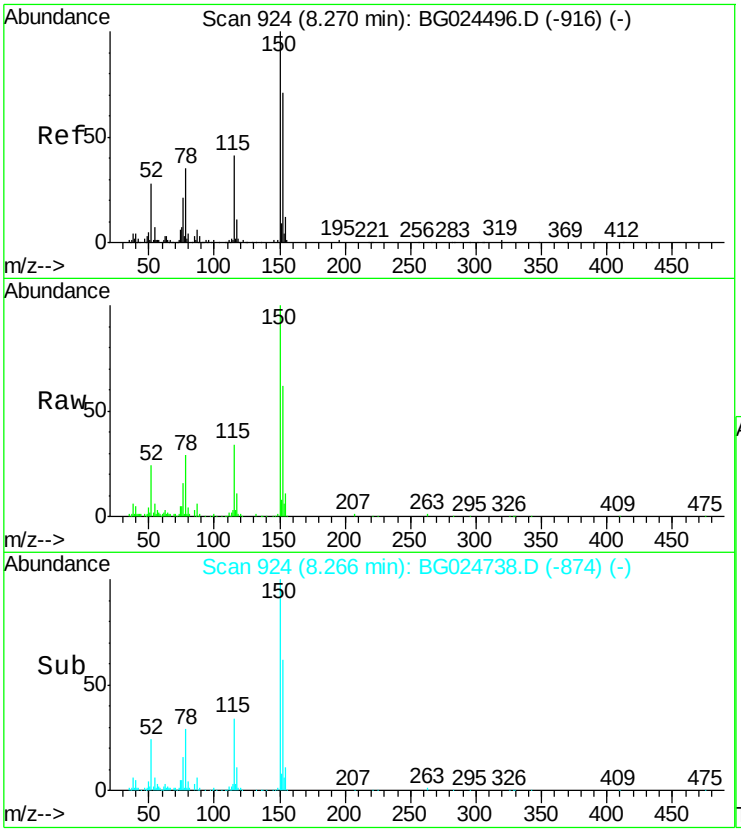


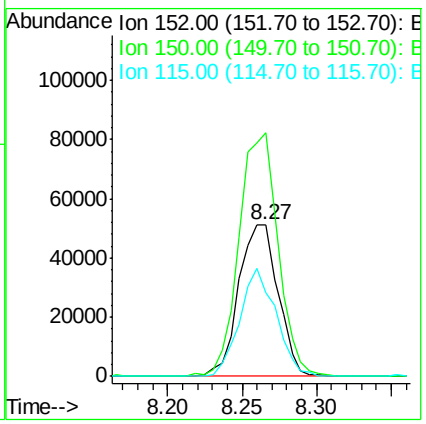


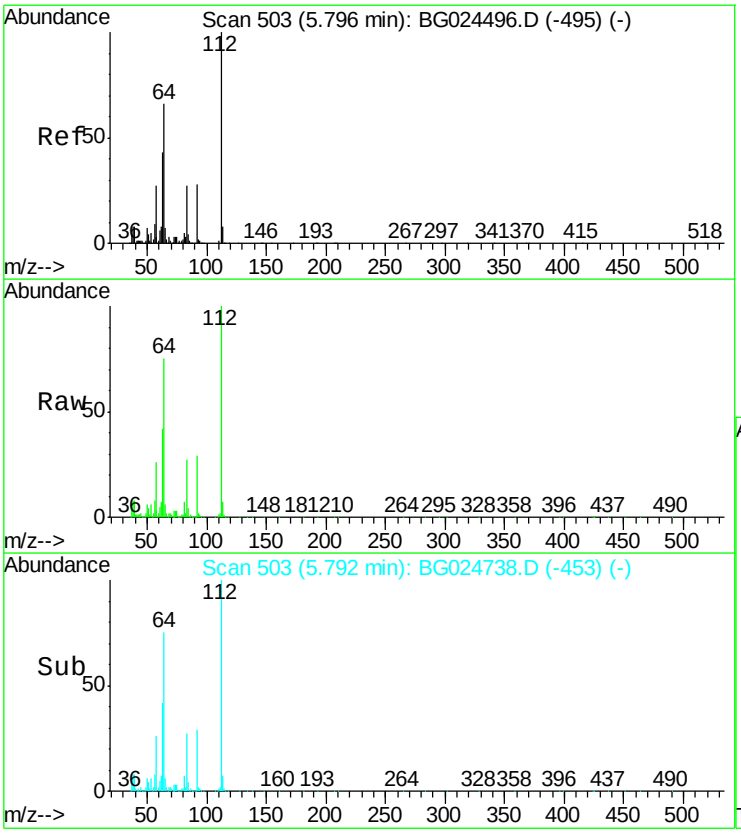
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.27 min Scan# 924
Delta R.T. -0.00 min
Lab File: BG024738.D
Acq: 7 Nov 2016 21:02

Instrument :
BNA_G
ClientSampleId :
GW-112-11.3-23.0

Tgt Ion:152 Resp: 93384

Ion	Ratio	Lower	Upper
152	100		
150	160.1	114.0	171.0
115	55.2	48.1	72.1

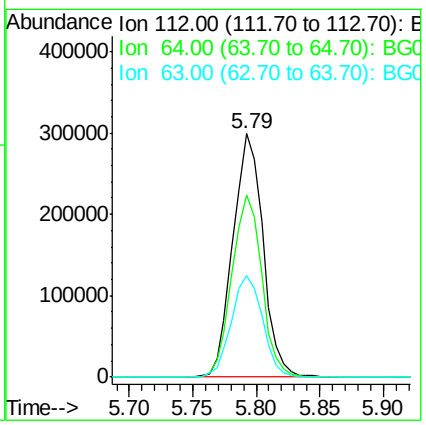


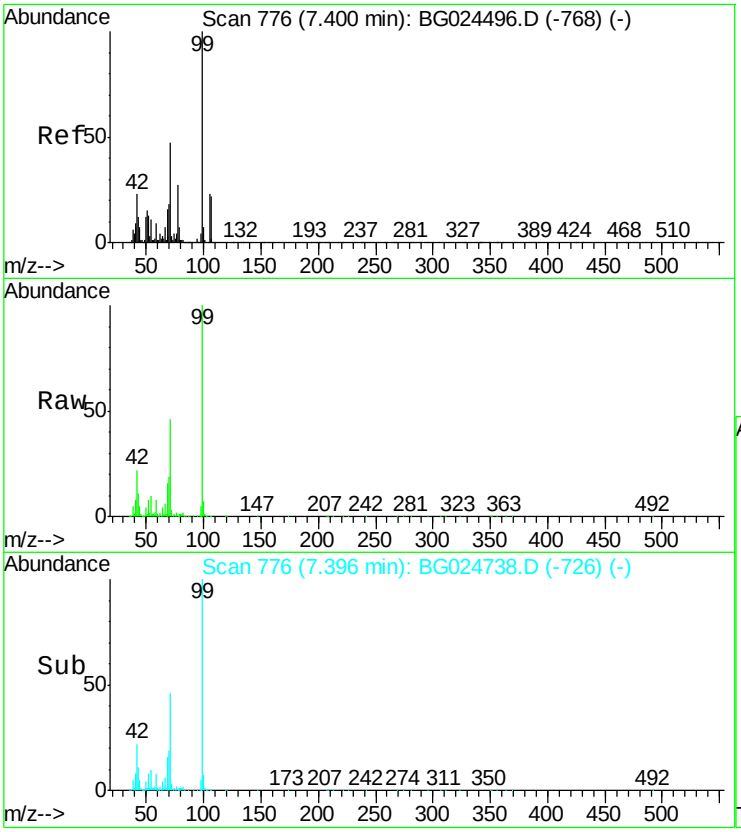


#5
2-Fluorophenol
Concen: 86.17 ng
RT: 5.79 min Scan# 503
Delta R.T. -0.00 min
Lab File: BG024738.D
Acq: 7 Nov 2016 21:02

Tgt Ion:112 Resp: 490975

Ion	Ratio	Lower	Upper
112	100		
64	74.8	61.8	92.6
63	41.6	37.2	55.8



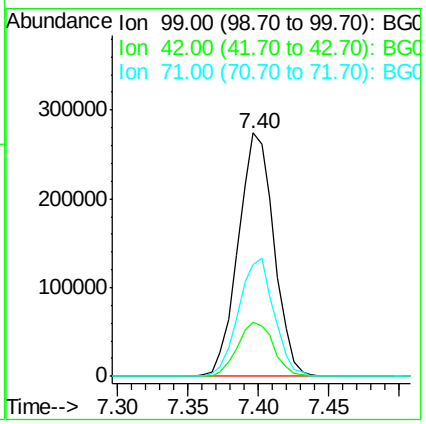


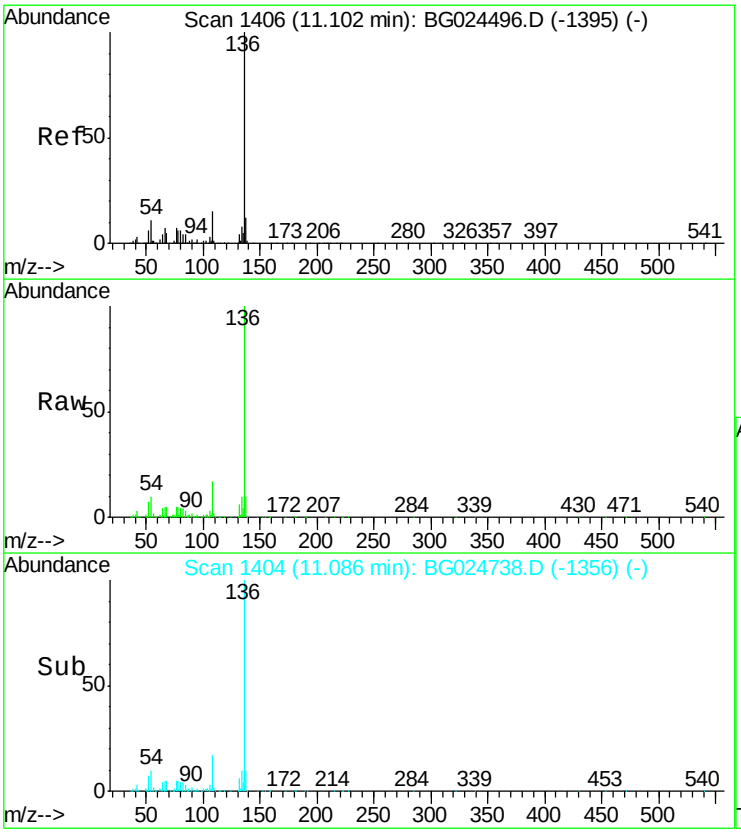
#7
Phenol-d6
Concen: 62.11 ng
RT: 7.40 min Scan# 776
Delta R.T. -0.00 min
Lab File: BG024738.D
Acq: 7 Nov 2016 21:02

Instrument :
BNA_G
ClientSampleId :
GW-112-11.3-23.0

Tgt Ion: 99 Resp: 485430

Ion	Ratio	Lower	Upper
99	100		
42	22.0	20.5	30.7
71	45.8	37.6	56.4

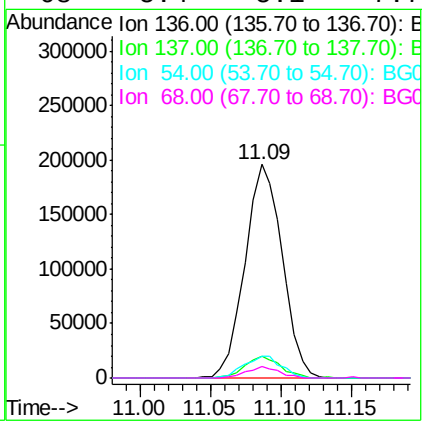


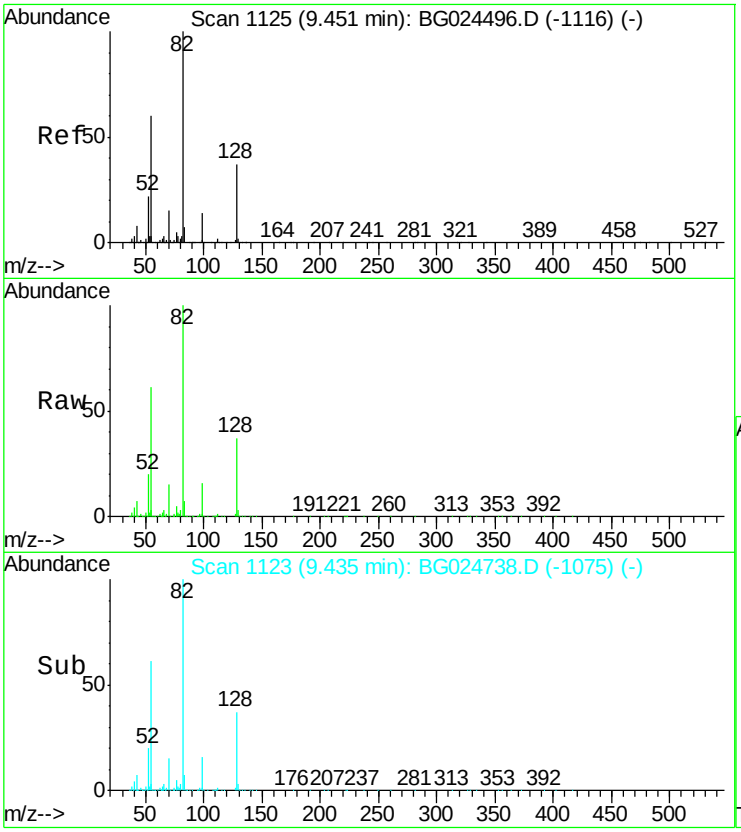


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.09 min Scan# 1404
Delta R.T. -0.02 min
Lab File: BG024738.D
Acq: 7 Nov 2016 21:02

Tgt Ion:136 Resp: 363578

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.9	13.3
54	10.3	9.3	13.9
68	5.4	5.1	7.7



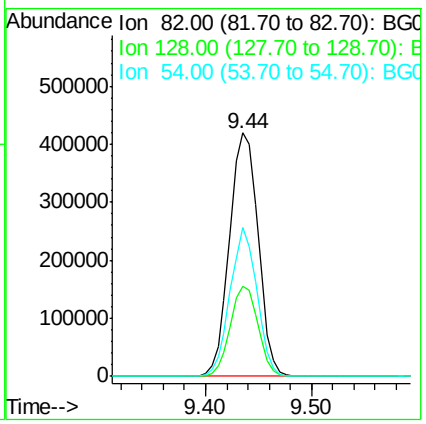


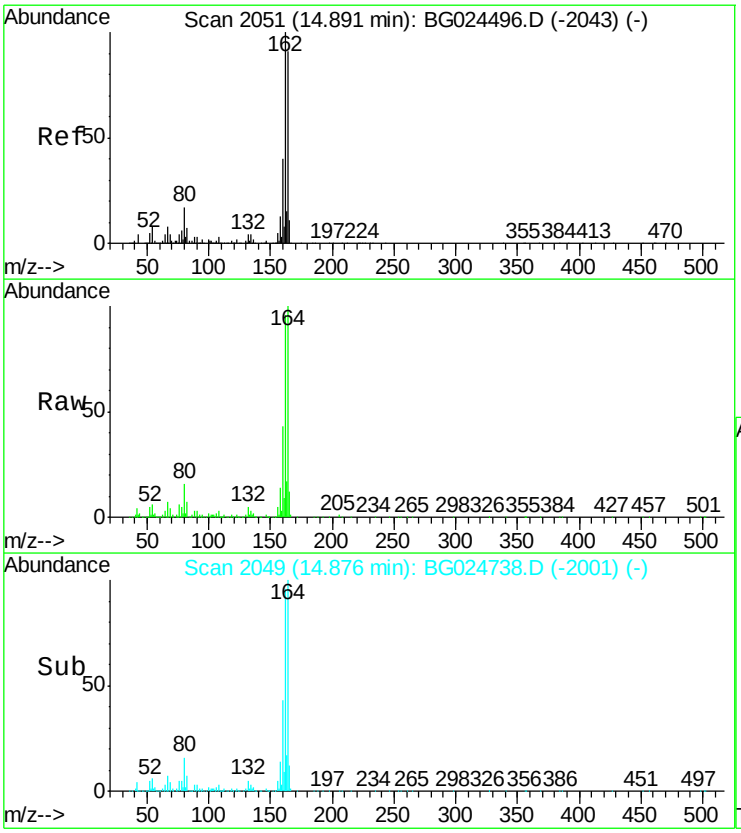
#23
Nitrobenzene-d5
Concen: 98.62 ng
RT: 9.44 min Scan# 1123
Delta R.T. -0.02 min
Lab File: BG024738.D
Acq: 7 Nov 2016 21:02

Instrument :
BNA_G
ClientSampleId :
GW-112-11.3-23.0

Tgt Ion: 82 Resp: 787560

Ion	Ratio	Lower	Upper
82	100		
128	37.1	26.4	39.6
54	60.9	49.4	74.2

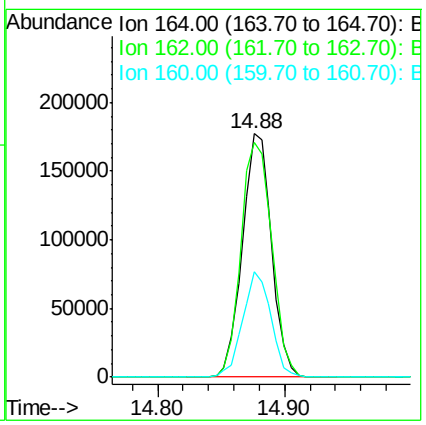


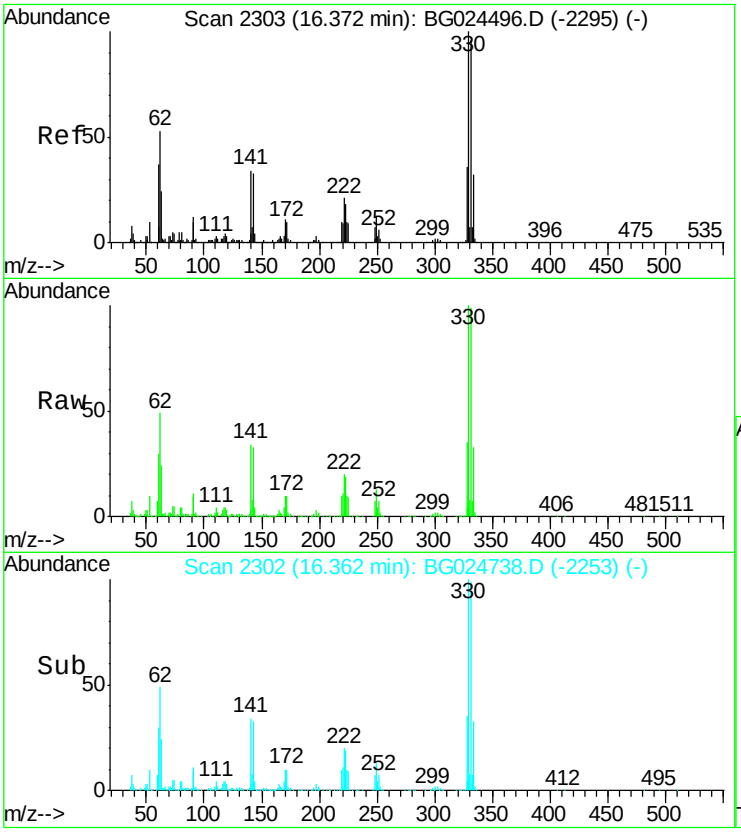


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.88 min Scan# 2049
Delta R.T. -0.02 min
Lab File: BG024738.D
Acq: 7 Nov 2016 21:02

Tgt Ion:164 Resp: 283218

Ion	Ratio	Lower	Upper
164	100		
162	96.3	85.1	127.7
160	43.3	34.7	52.1



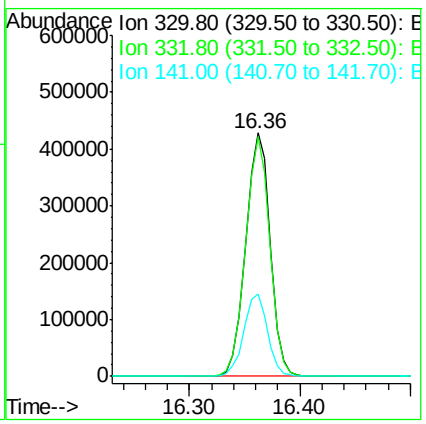


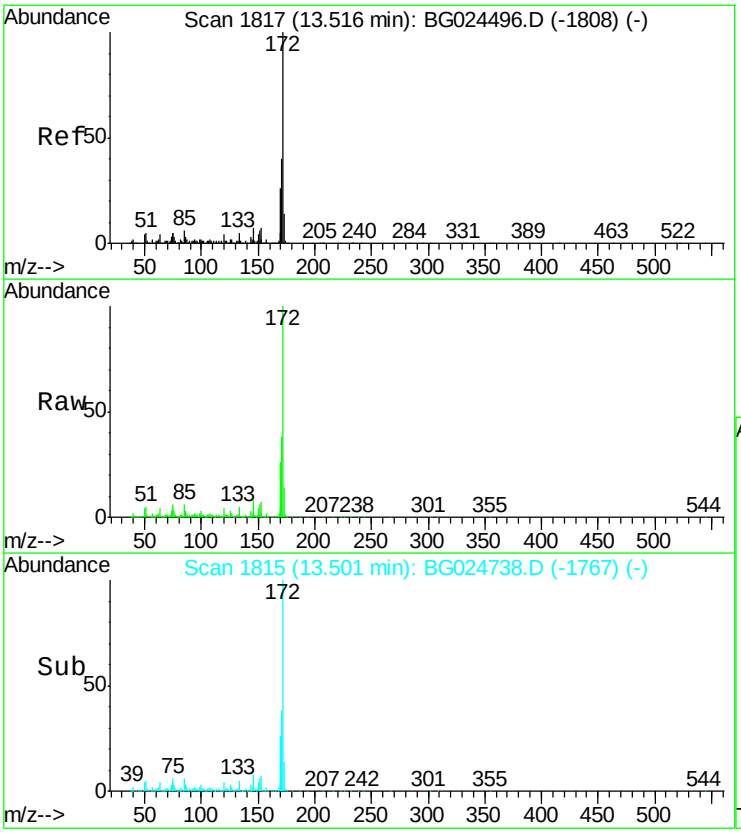
#41
2,4,6-Tribromophenol
Concen: 157.29 ng
RT: 16.36 min Scan# 2302
Delta R.T. -0.01 min
Lab File: BG024738.D
Acq: 7 Nov 2016 21:02

Instrument :
BNA_G
ClientSampleId :
GW-112-11.3-23.0

Tgt Ion:330 Resp: 665498

Ion	Ratio	Lower	Upper
330	100		
332	97.9	77.3	115.9
141	32.8	32.1	48.1

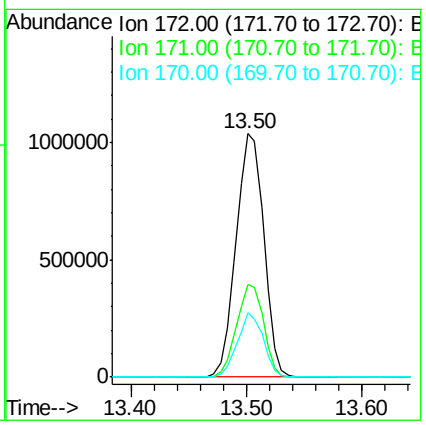


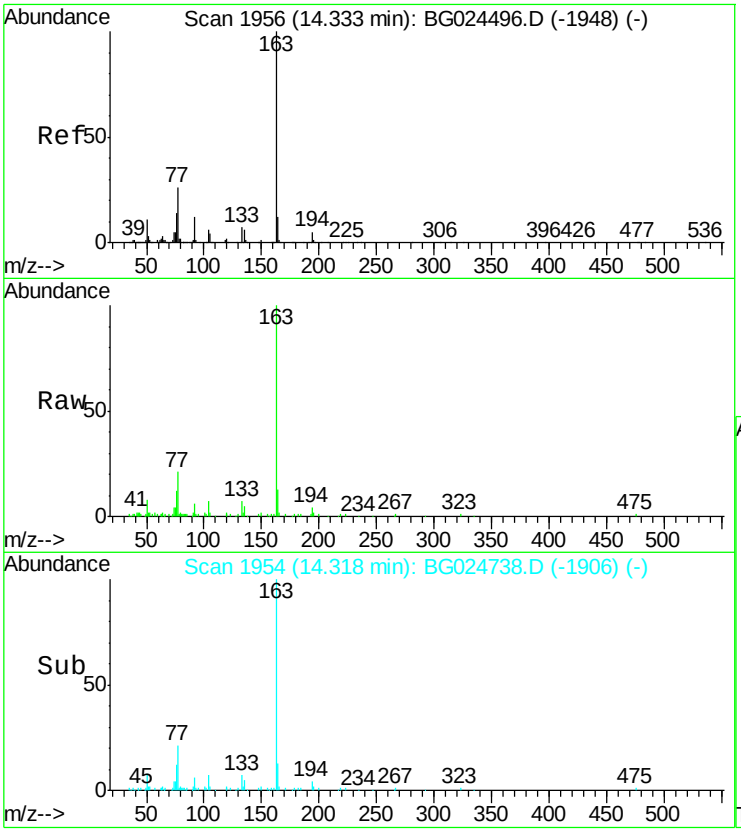


#44
2-Fluorobiphenyl
Concen: 101.08 ng
RT: 13.50 min Scan# 1815
Delta R.T. -0.02 min
Lab File: BG024738.D
Acq: 7 Nov 2016 21:02

Tgt Ion:172 Resp: 1722476

Ion	Ratio	Lower	Upper
172	100		
171	38.1	32.2	48.2
170	26.2	21.8	32.6



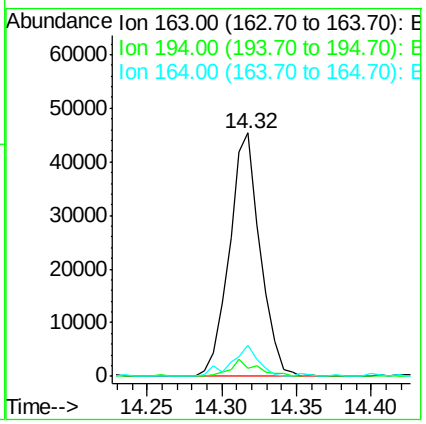


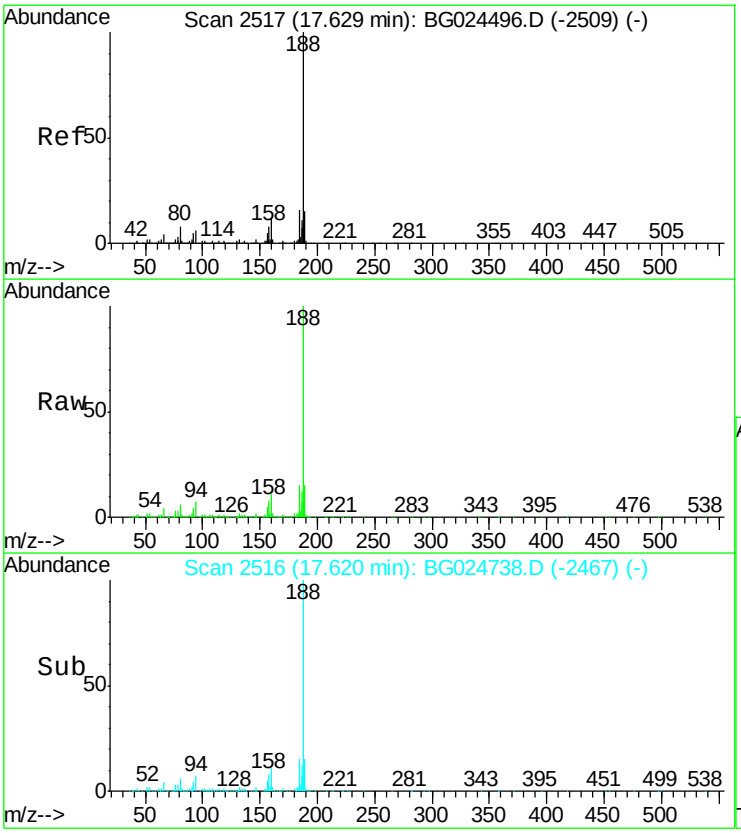
#49
Dimethylphthalate
Concen: 3.25 ng
RT: 14.32 min Scan# 1954
Delta R.T. -0.02 min
Lab File: BG024738.D
Acq: 7 Nov 2016 21:02

Instrument :
BNA_G
ClientSampleId :
GW-112-11.3-23.0

Tgt Ion:163 Resp: 65297

Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.8	5.6#
164	12.7	9.3	13.9

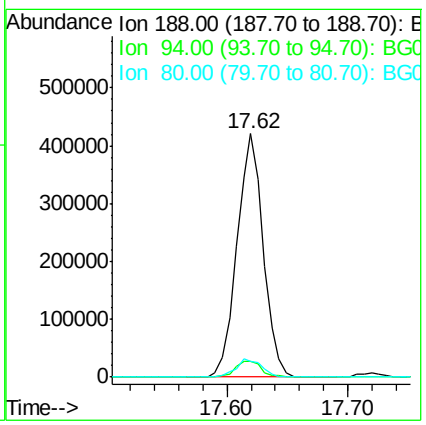


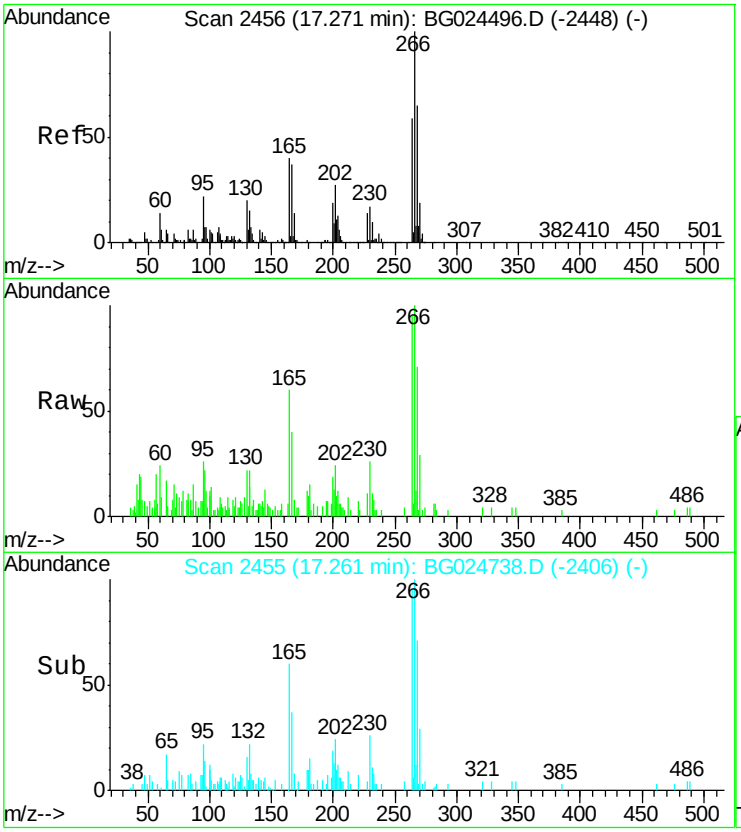


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.62 min Scan# 2516
Delta R.T. -0.01 min
Lab File: BG024738.D
Acq: 7 Nov 2016 21:02

Tgt Ion:188 Resp: 633463

Ion	Ratio	Lower	Upper
188	100		
94	6.7	5.8	8.8
80	6.3	7.5	11.3#



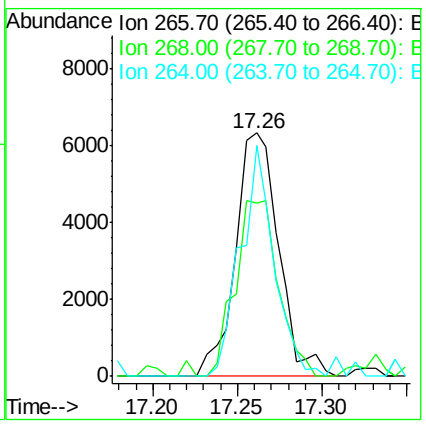


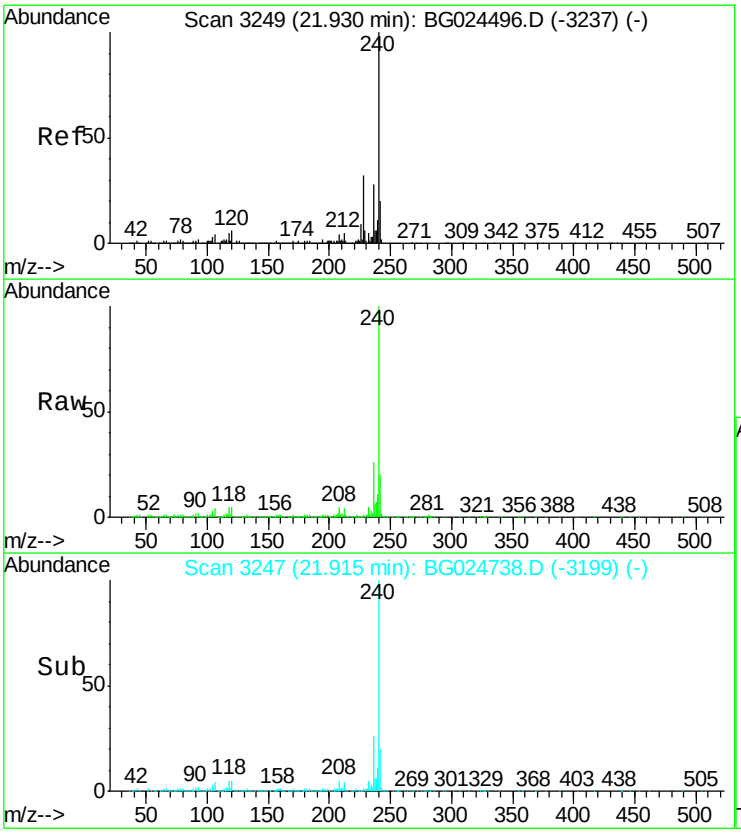
#69
Pentachlorophenol
Concen: 2.00 ng
RT: 17.26 min Scan# 2455
Delta R.T. -0.01 min
Lab File: BG024738.D
Acq: 7 Nov 2016 21:02

Instrument :
BNA_G
ClientSampleId :
GW-112-11.3-23.0

Tgt Ion:266 Resp: 11230

Ion	Ratio	Lower	Upper
266	100		
268	74.3	48.6	72.8#
264	94.9	50.1	75.1#

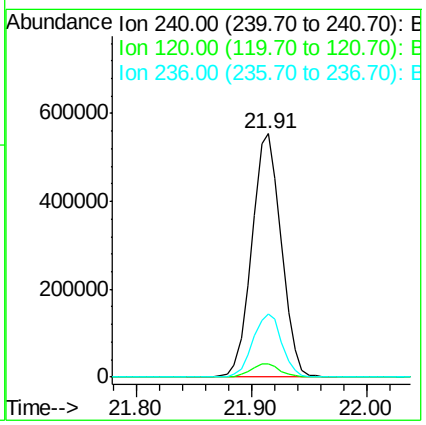


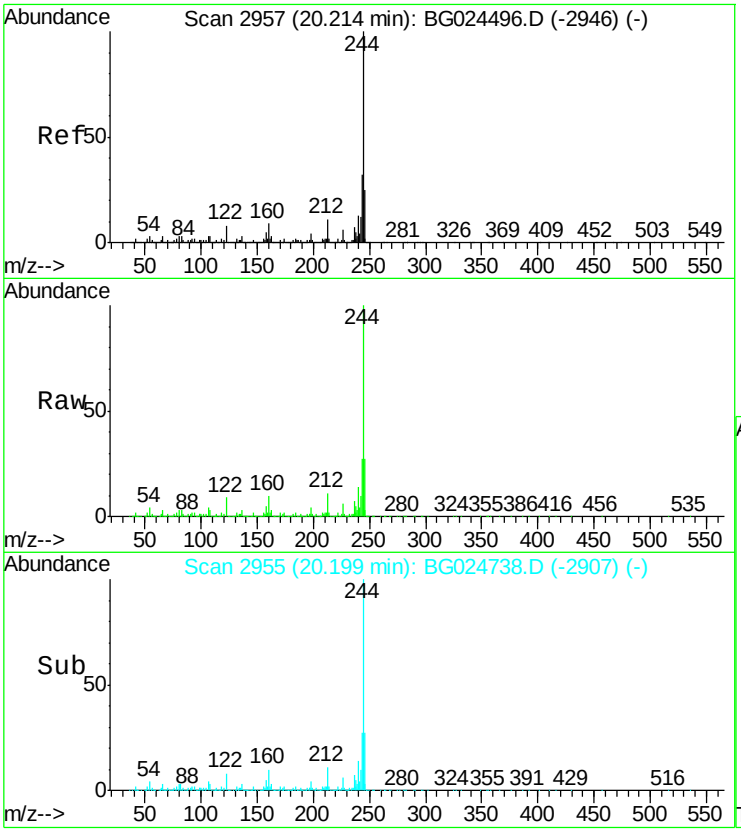


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.91 min Scan# 3247
Delta R.T. -0.02 min
Lab File: BG024738.D
Acq: 7 Nov 2016 21:02

Tgt Ion:240 Resp: 982667

Ion	Ratio	Lower	Upper
240	100		
120	5.3	5.7	8.5#
236	25.9	22.2	33.4



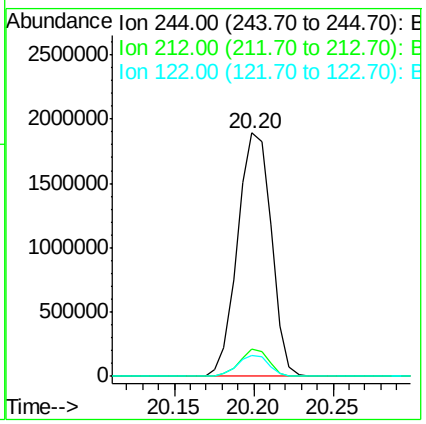


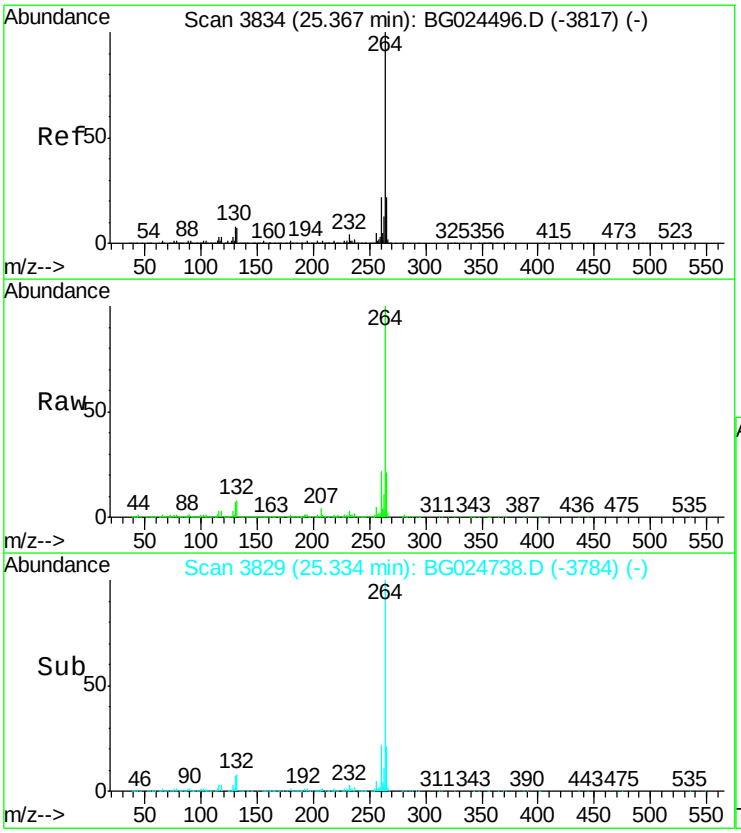
#78
Terphenyl-d14
Concen: 84.79 ng
RT: 20.20 min Scan# 2955
Delta R.T. -0.02 min
Lab File: BG024738.D
Acq: 7 Nov 2016 21:02

Instrument :
BNA_G
ClientSampleId :
GW-112-11.3-23.0

Tgt Ion:244 Resp: 2788232

Ion	Ratio	Lower	Upper
244	100		
212	11.0	10.0	15.0
122	8.5	8.6	12.8#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.33 min Scan# 3829
Delta R.T. -0.03 min
Lab File: BG024738.D
Acq: 7 Nov 2016 21:02

Tgt Ion:264 Resp: 1042409

Ion	Ratio	Lower	Upper
264	100		
260	22.3	21.8	32.8
265	21.1	18.2	27.4