Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102716\
Data File : BG024522.D
Acq On : 27 Oct 2016 10:00
Operator : UM/SJ
Sample : H5408-02RE
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-2RE

Quant Time: Oct 28 02:10:13 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	143055	20.00	ng	0.00
21) Naphthalene-d8	11.10	136	529207	20.00	ng	0.00
38) Acenaphthene-d10	14.89	164	386005	20.00	ng	0.00
63) Phenanthrene-d10	17.63	188	839841	20.00	ng	0.00
75) Chrysene-d12	21.92	240	1128027	20.00	ng	0.00
86) Perylene-d12	25.35	264	1208567	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	45454	5.21	ng	0.00
7) Phenol-d6	7.40	99	42285	3.53	ng	0.00
23) Nitrobenzene-d5	9.44	82	306700	26.39	ng	0.00
41) 2,4,6-Tribromophenol	16.37	330	63137	10.95	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	542771	23.37	ng	0.00
78) Terphenyl-d14	20.21	244	667045	17.67	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.43	94	44904	3.64	ng	87
49) Dimethylphthalate	14.33	163	437320	15.96	ng	96

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

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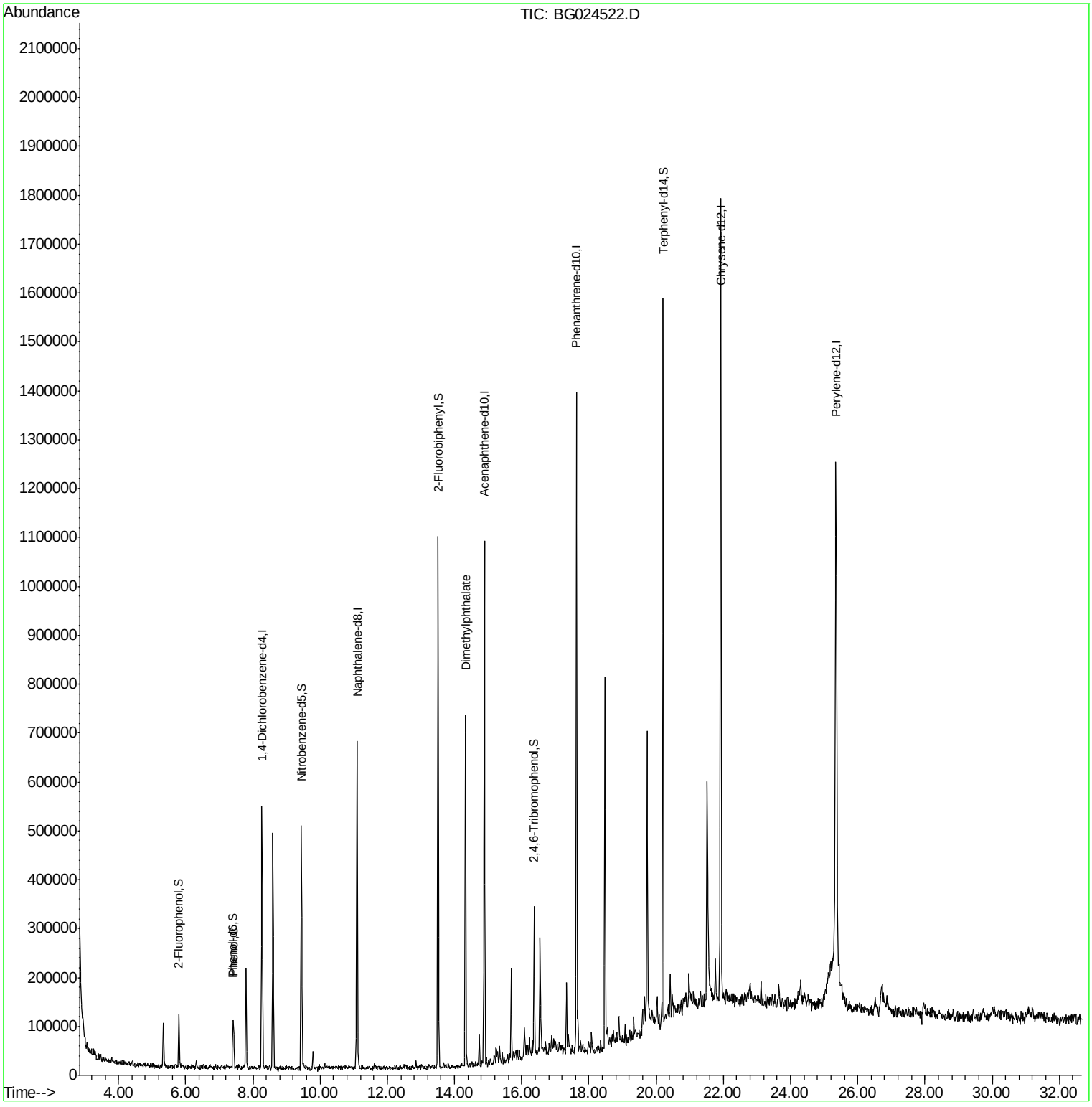
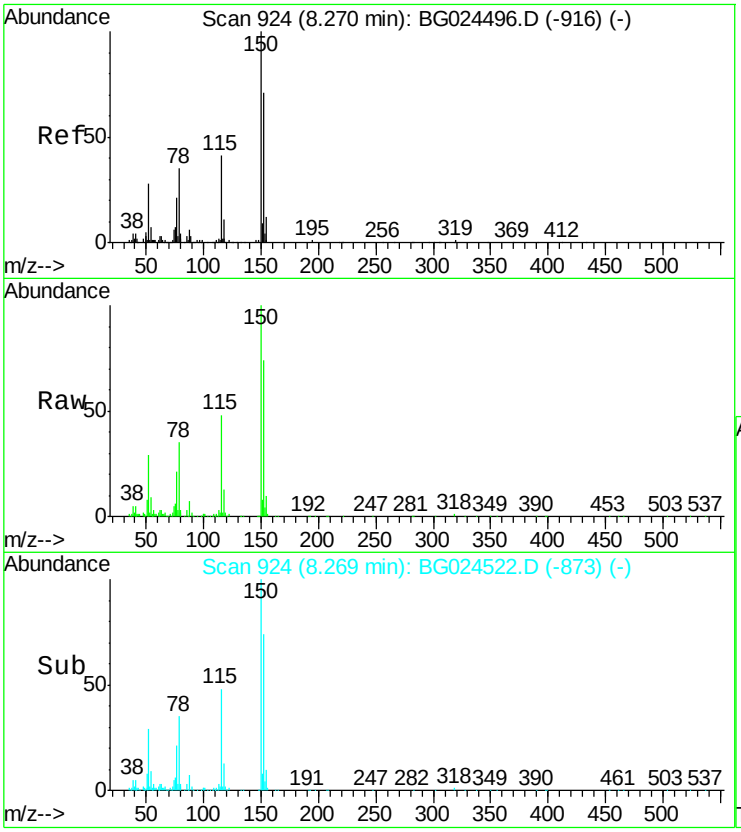


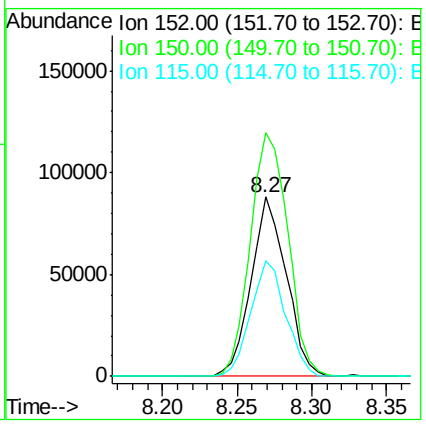


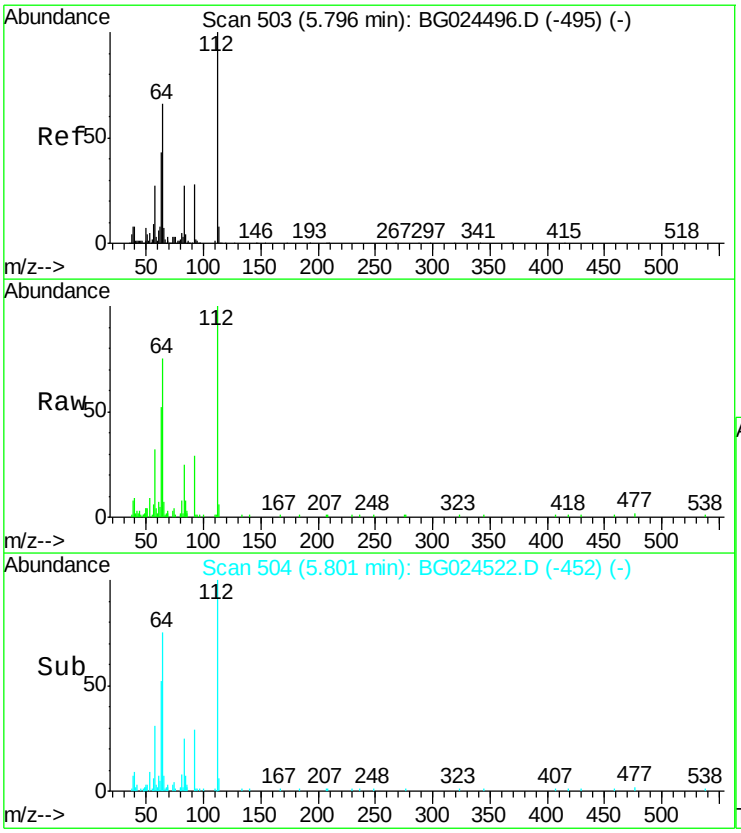
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.27 min Scan# 924
Delta R.T. -0.00 min
Lab File: BG024522.D
Acq: 27 Oct 2016 10:00

Instrument :
BNA_G
ClientSampleId :
MW-2RE

Tgt Ion:152 Resp: 143055

Ion	Ratio	Lower	Upper
152	100		
150	135.9	114.0	171.0
115	64.6	48.1	72.1

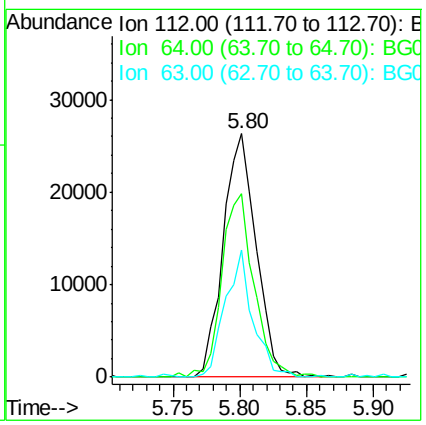


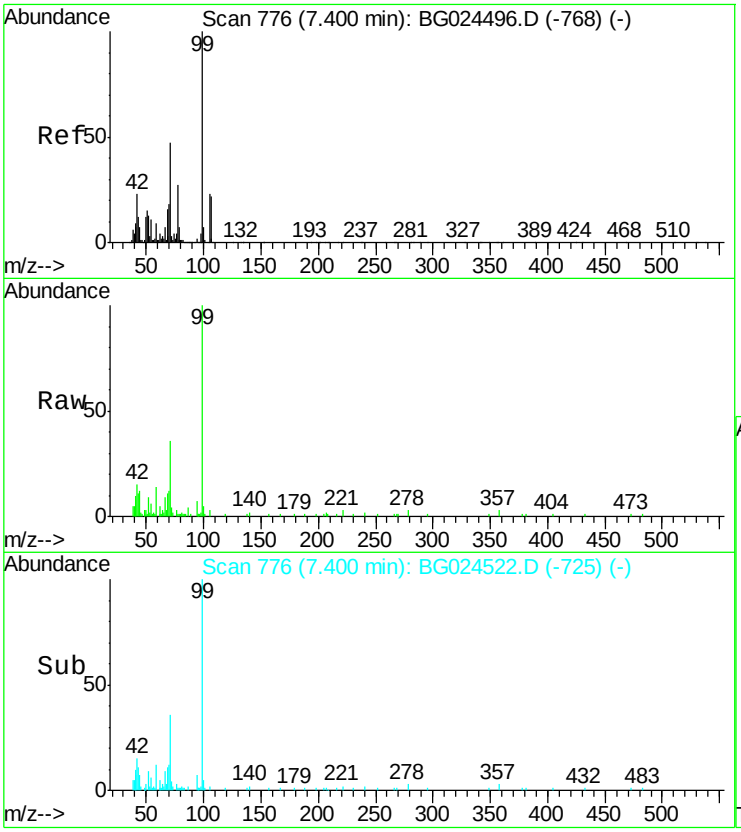


#5
2-Fluorophenol
Concen: 5.21 ng
RT: 5.80 min Scan# 504
Delta R.T. 0.01 min
Lab File: BG024522.D
Acq: 27 Oct 2016 10:00

Tgt Ion:112 Resp: 45454

Ion	Ratio	Lower	Upper
112	100		
64	75.4	61.8	92.6
63	52.0	37.2	55.8



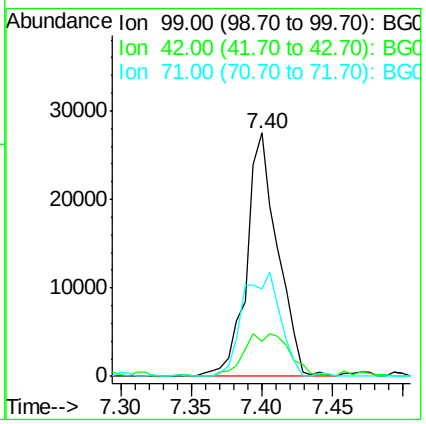


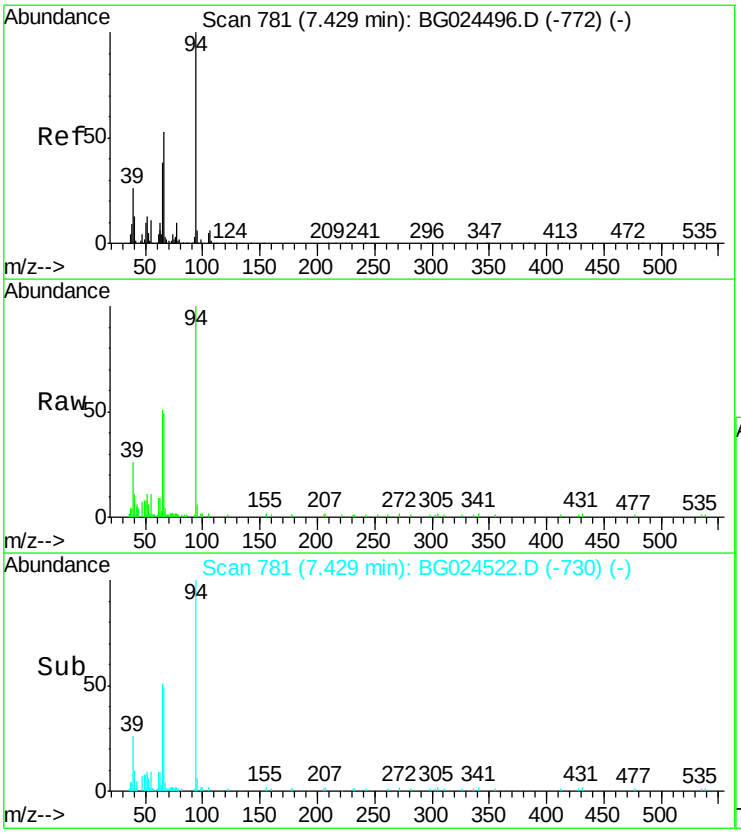
#7
Phenol-d6
Concen: 3.53 ng
RT: 7.40 min Scan# 776
Delta R.T. -0.00 min
Lab File: BG024522.D
Acq: 27 Oct 2016 10:00

Instrument :
BNA_G
ClientSampleId :
MW-2RE

Tgt Ion: 99 Resp: 42285

Ion	Ratio	Lower	Upper
99	100		
42	14.6	20.5	30.7#
71	35.8	37.6	56.4#

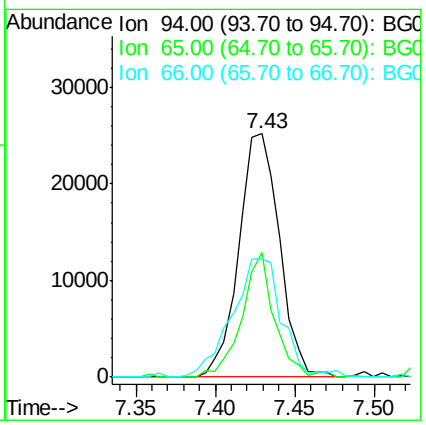


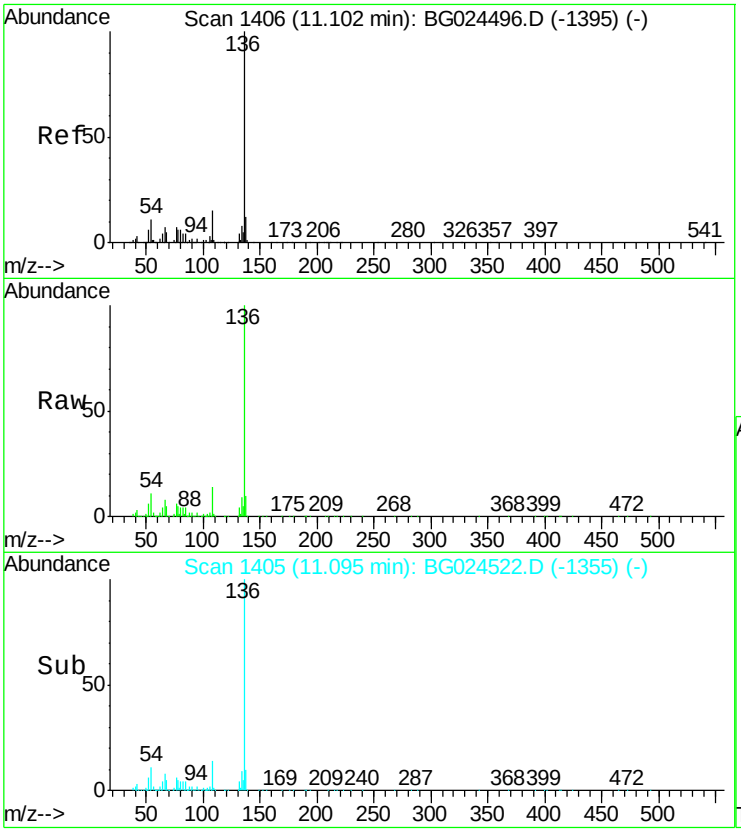


#10
Phenol
Concen: 3.64 ng
RT: 7.43 min Scan# 781
Delta R.T. -0.00 min
Lab File: BG024522.D
Acq: 27 Oct 2016 10:00

Tgt Ion: 94 Resp: 44904

Ion	Ratio	Lower	Upper
94	100		
65	51.2	20.6	60.6
66	48.7	35.5	75.5



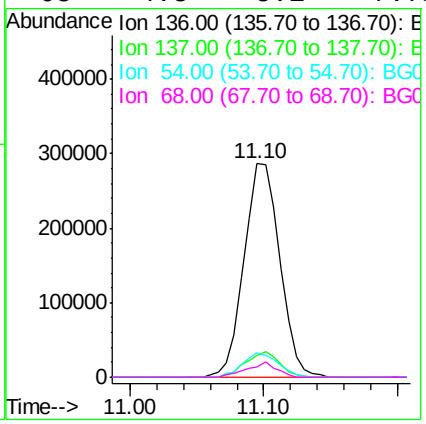


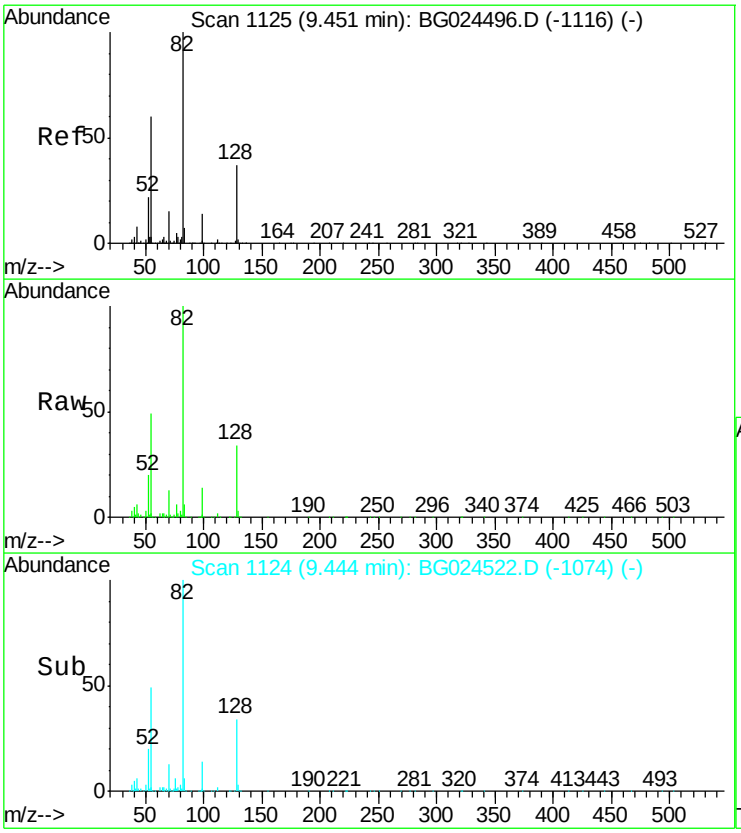
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.10 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BG024522.D
Acq: 27 Oct 2016 10:00

Instrument :
BNA_G
ClientSampleId :
MW-2RE

Tgt Ion:136 Resp: 529207

Ion	Ratio	Lower	Upper
136	100		
137	10.1	8.9	13.3
54	11.2	9.3	13.9
68	4.8	5.1	7.7#

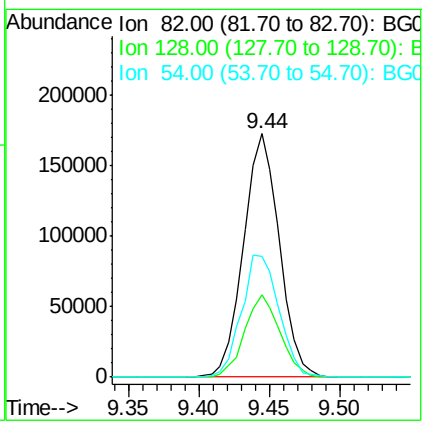


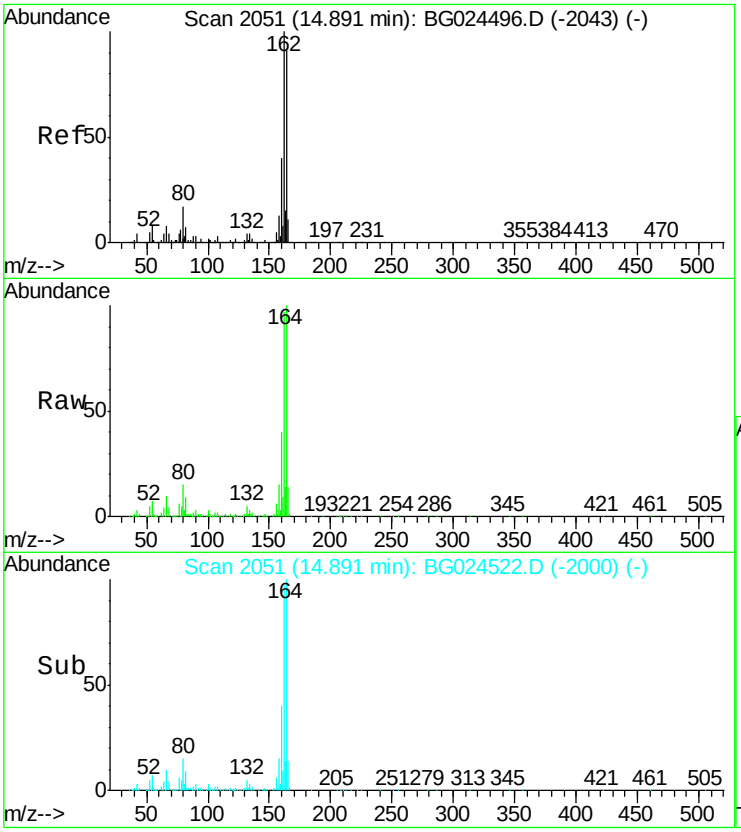


#23
Nitrobenzene-d5
Concen: 26.39 ng
RT: 9.44 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BG024522.D
Acq: 27 Oct 2016 10:00

Tgt Ion: 82 Resp: 306700

Ion	Ratio	Lower	Upper
82	100		
128	33.9	26.4	39.6
54	49.4	49.4	74.2



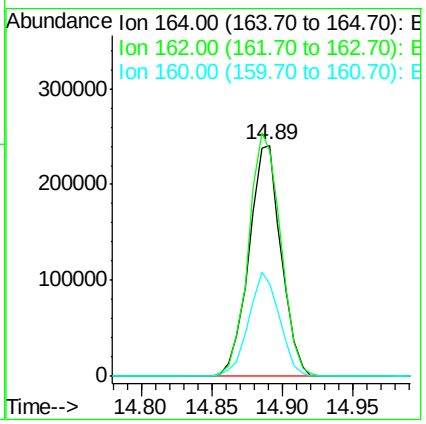


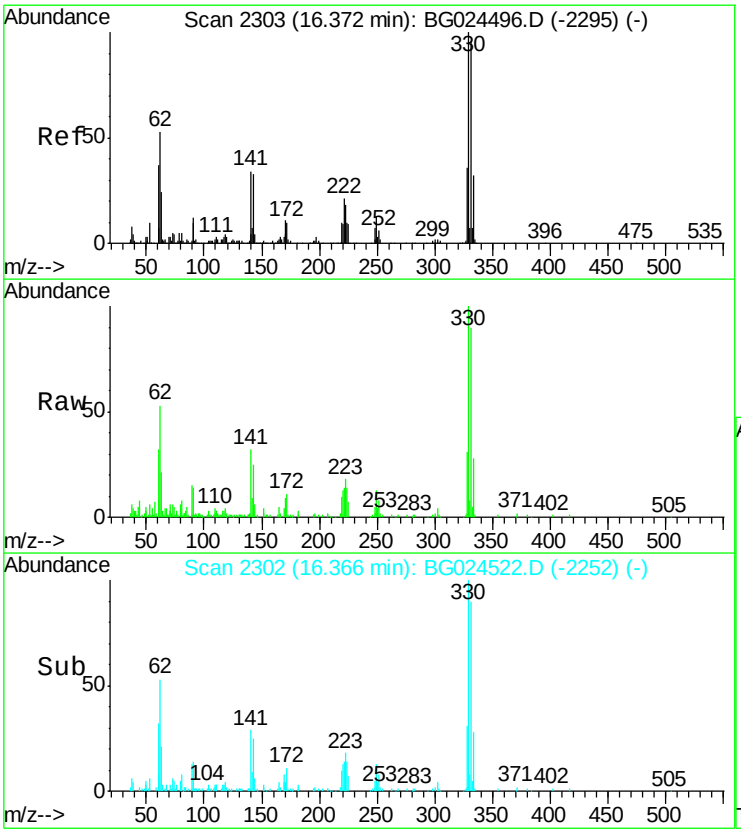
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.89 min Scan# 2051
Delta R.T. -0.00 min
Lab File: BG024522.D
Acq: 27 Oct 2016 10:00

Instrument :
BNA_G
ClientSampleId :
MW-2RE

Tgt Ion:164 Resp: 386005

Ion	Ratio	Lower	Upper
164	100		
162	97.4	85.1	127.7
160	40.3	34.7	52.1

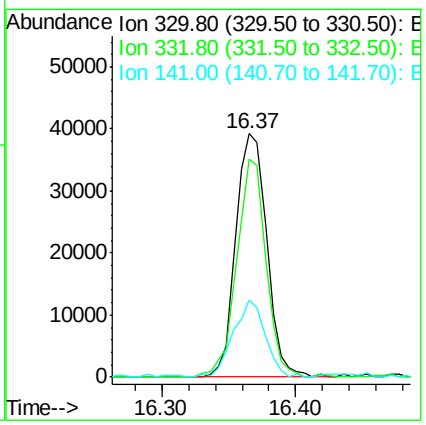


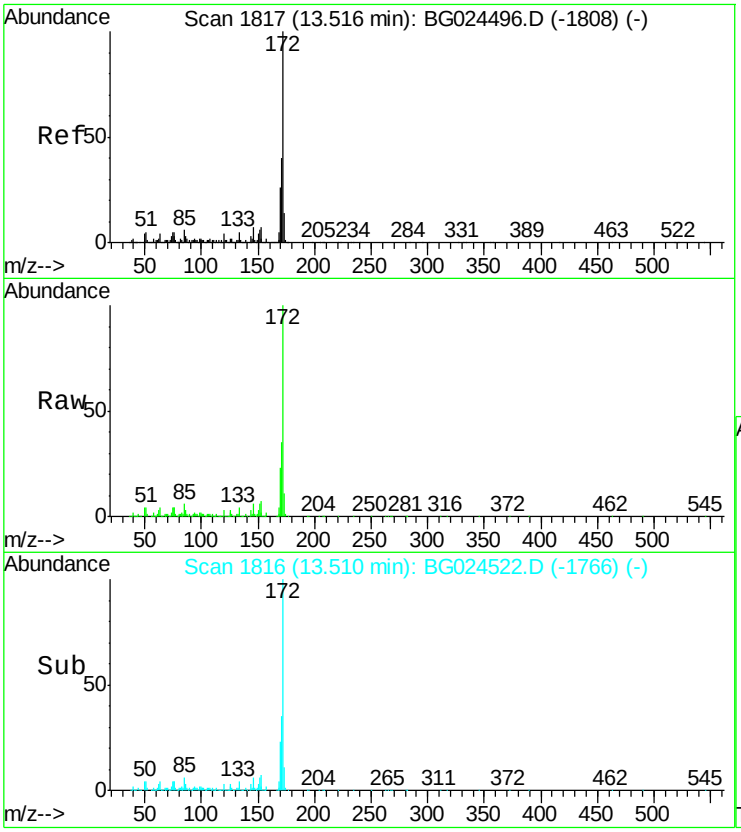


#41
2,4,6-Tribromophenol
Concen: 10.95 ng
RT: 16.37 min Scan# 2302
Delta R.T. -0.01 min
Lab File: BG024522.D
Acq: 27 Oct 2016 10:00

Tgt Ion:330 Resp: 63137

Ion	Ratio	Lower	Upper
330	100		
332	84.2	77.3	115.9
141	32.5	32.1	48.1



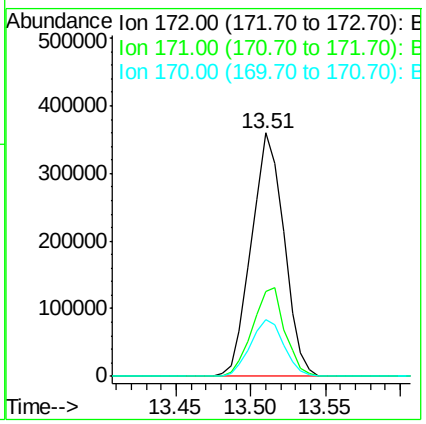


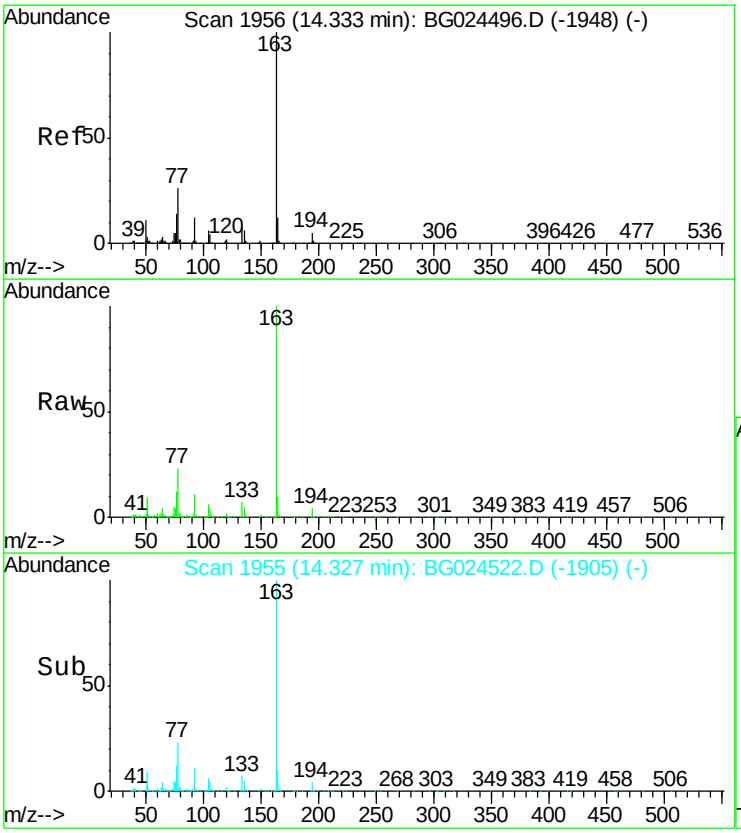
#44
2-Fluorobiphenyl
Concen: 23.37 ng
RT: 13.51 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BG024522.D
Acq: 27 Oct 2016 10:00

Instrument :
BNA_G
ClientSampleId :
MW-2RE

Tgt Ion:172 Resp: 542771

Ion	Ratio	Lower	Upper
172	100		
171	34.9	32.2	48.2
170	23.2	21.8	32.6

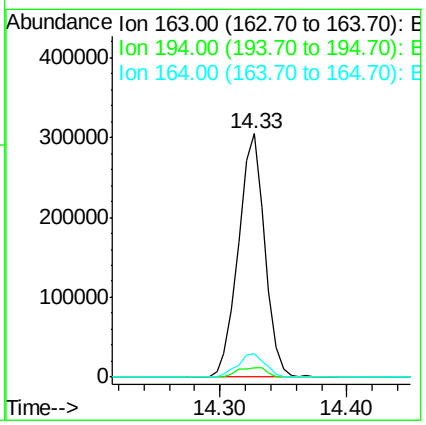


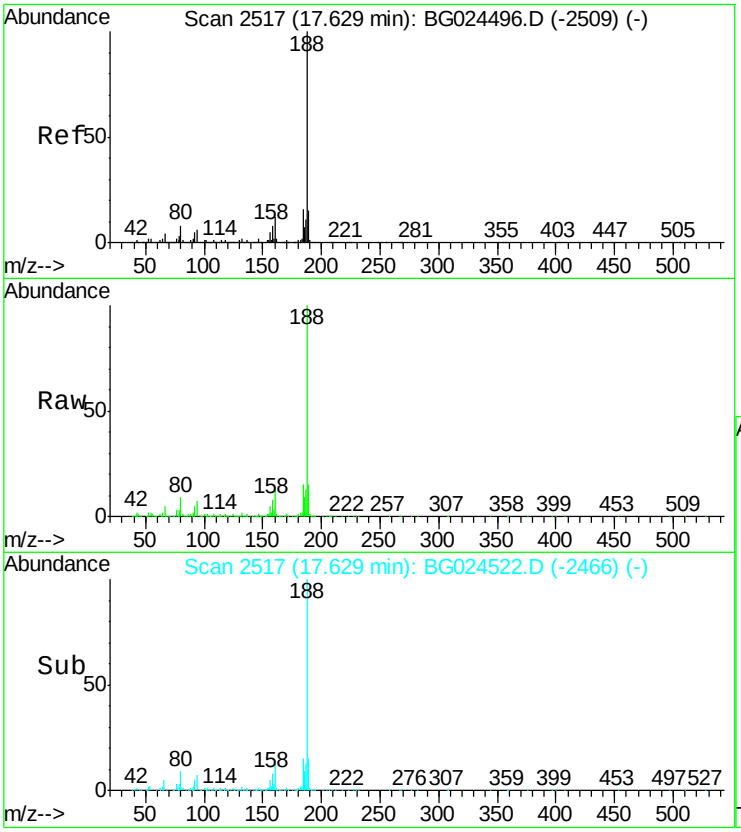


#49
Dimethylphthalate
Concen: 15.96 ng
RT: 14.33 min Scan# 1955
Delta R.T. -0.01 min
Lab File: BG024522.D
Acq: 27 Oct 2016 10:00

Tgt Ion:163 Resp: 437320

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.8	5.6
164	9.6	9.3	13.9



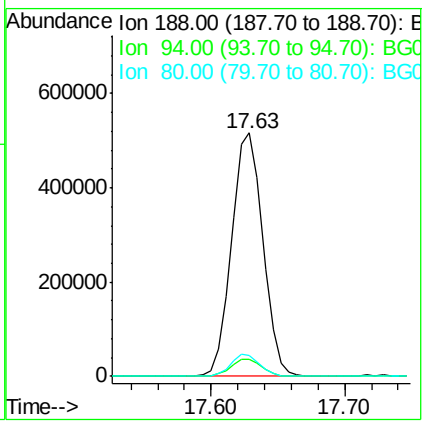


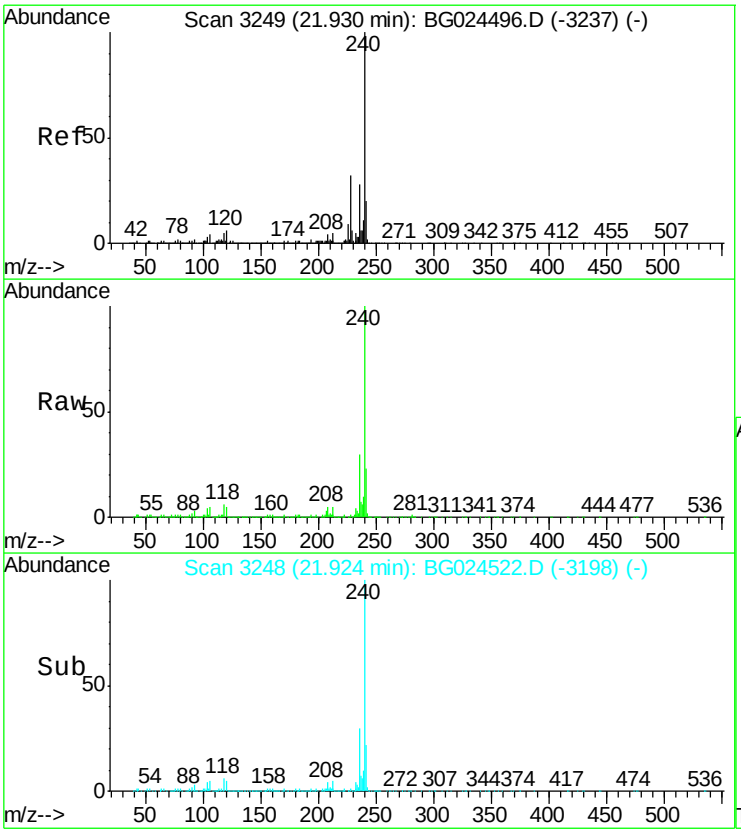
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.63 min Scan# 2517
Delta R.T. -0.00 min
Lab File: BG024522.D
Acq: 27 Oct 2016 10:00

Instrument :
BNA_G
ClientSampleId :
MW-2RE

Tgt Ion:188 Resp: 839841

Ion	Ratio	Lower	Upper
188	100		
94	7.1	5.8	8.8
80	8.7	7.5	11.3

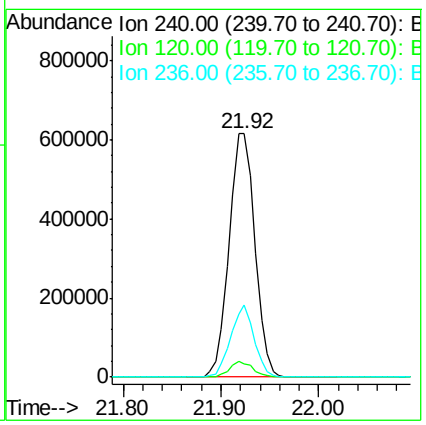


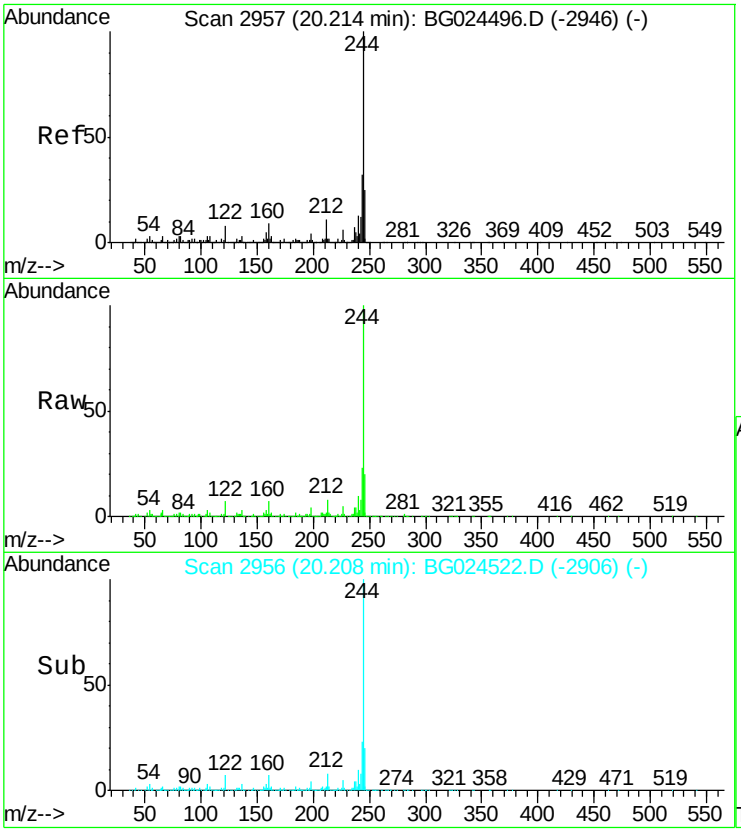


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.92 min Scan# 3248
Delta R.T. -0.01 min
Lab File: BG024522.D
Acq: 27 Oct 2016 10:00

Tgt Ion:240 Resp: 1128027

Ion	Ratio	Lower	Upper
240	100		
120	5.4	5.7	8.5#
236	29.5	22.2	33.4



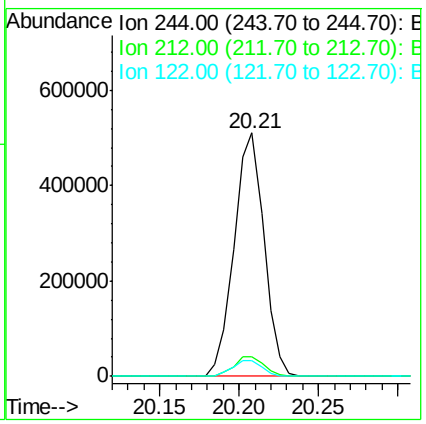


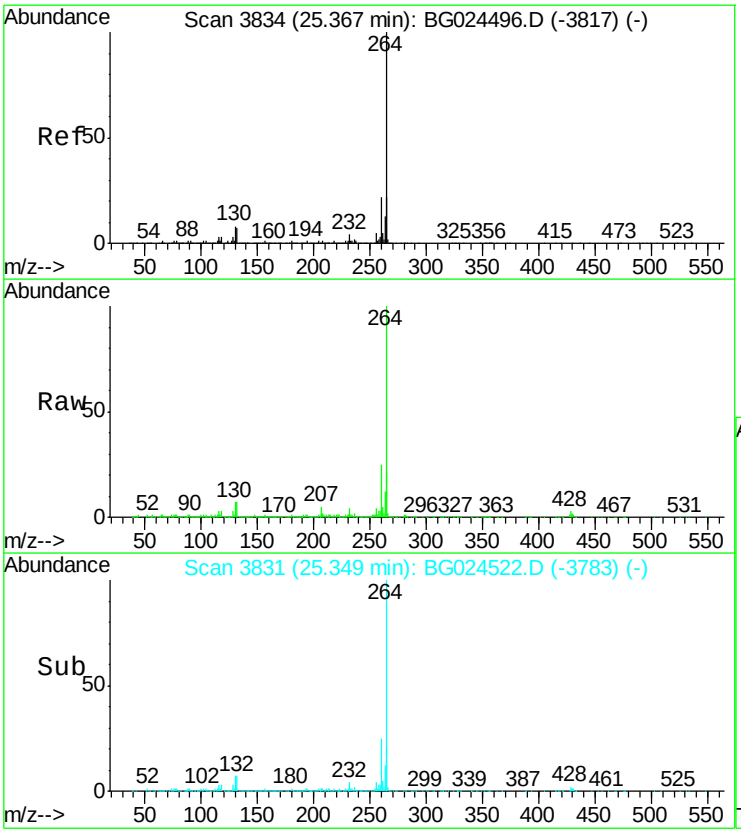
#78
Terphenyl-d14
Concen: 17.67 ng
RT: 20.21 min Scan# 2956
Delta R.T. -0.01 min
Lab File: BG024522.D
Acq: 27 Oct 2016 10:00

Instrument :
BNA_G
ClientSampleId :
MW-2RE

Tgt Ion:244 Resp: 667045

Ion	Ratio	Lower	Upper
244	100		
212	7.9	10.0	15.0#
122	6.7	8.6	12.8#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.35 min Scan# 3831
Delta R.T. -0.02 min
Lab File: BG024522.D
Acq: 27 Oct 2016 10:00

Tgt Ion:264 Resp: 1208567

Ion	Ratio	Lower	Upper
264	100		
260	24.8	21.8	32.8
265	20.6	18.2	27.4