Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG010917\
Data File : BG025444.D
Acq On : 10 Jan 2017 00:04
Operator : UM/SJ
Sample : I1055-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-25

Quant Time: Jan 10 04:25:31 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 21 18:42:01 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	56145	20.00	ng	-0.01
21) Naphthalene-d8	11.03	136	225600	20.00	ng	-0.01
38) Acenaphthene-d10	14.83	164	189329	20.00	ng	-0.01
63) Phenanthrene-d10	17.57	188	422406	20.00	ng	-0.01
75) Chrysene-d12	21.86	240	601988	20.00	ng	-0.02
86) Perylene-d12	25.26	264	653893	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.74	112	228935	74.12	ng	-0.01
7) Phenol-d6	7.36	99	196862	45.25	ng	-0.01
23) Nitrobenzene-d5	9.39	82	514128	100.68	ng	-0.01
41) 2,4,6-Tribromophenol	16.32	330	445844	146.27	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	1097488	93.85	ng	-0.01
78) Terphenyl-d14	20.16	244	2064110	90.91	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	14.27	163	76626	5.55	ng	# 91
59) Diethylphthalate	15.61	149	32599	2.25	ng	# 87

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

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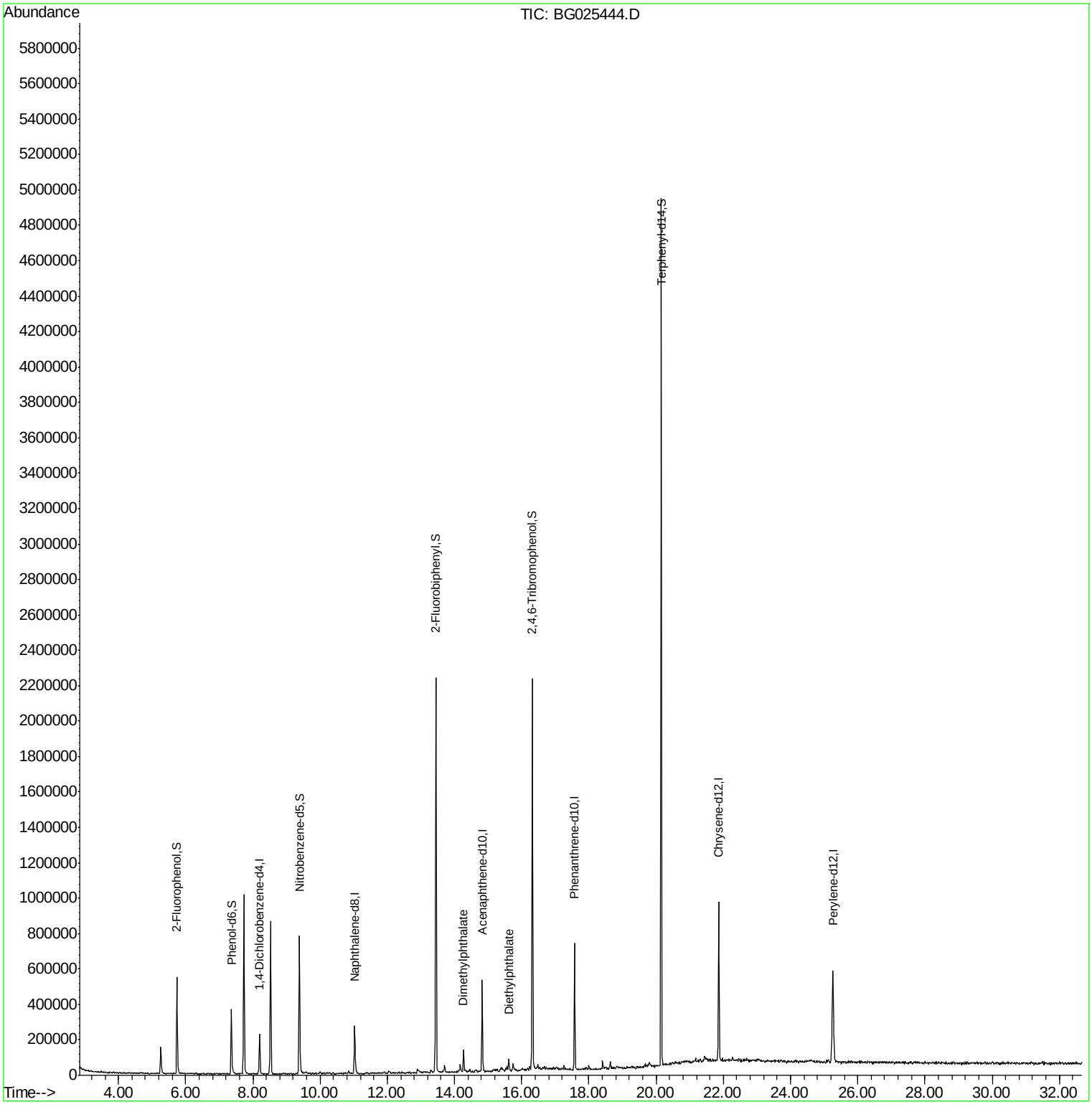
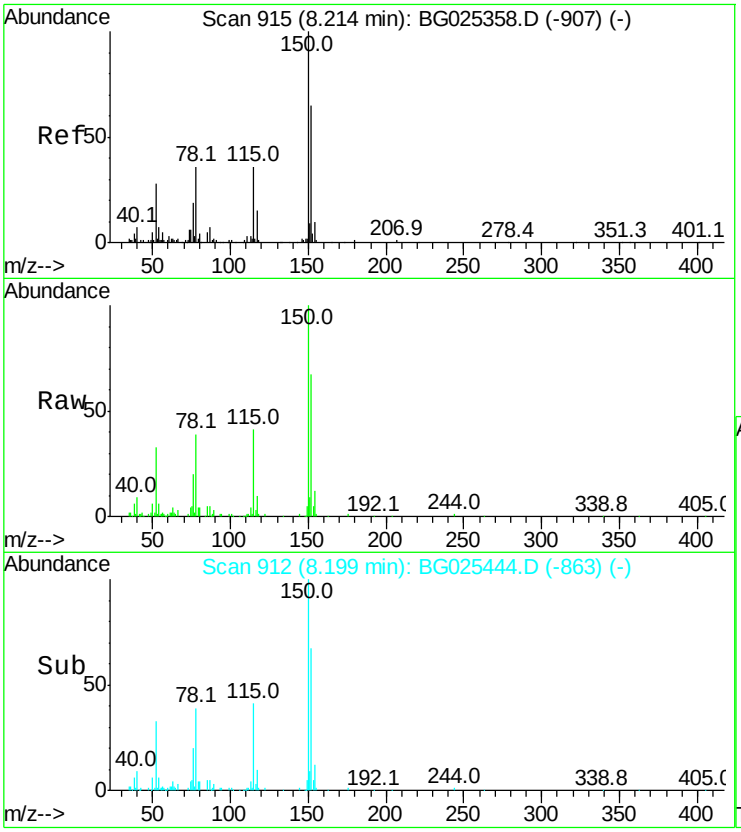


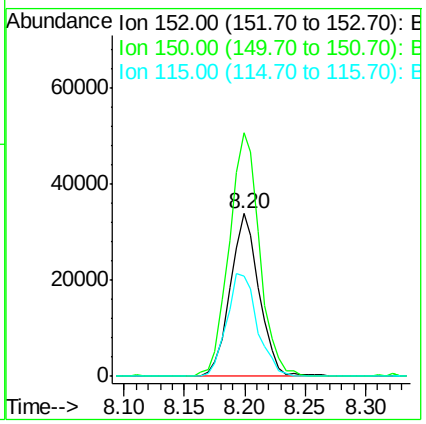


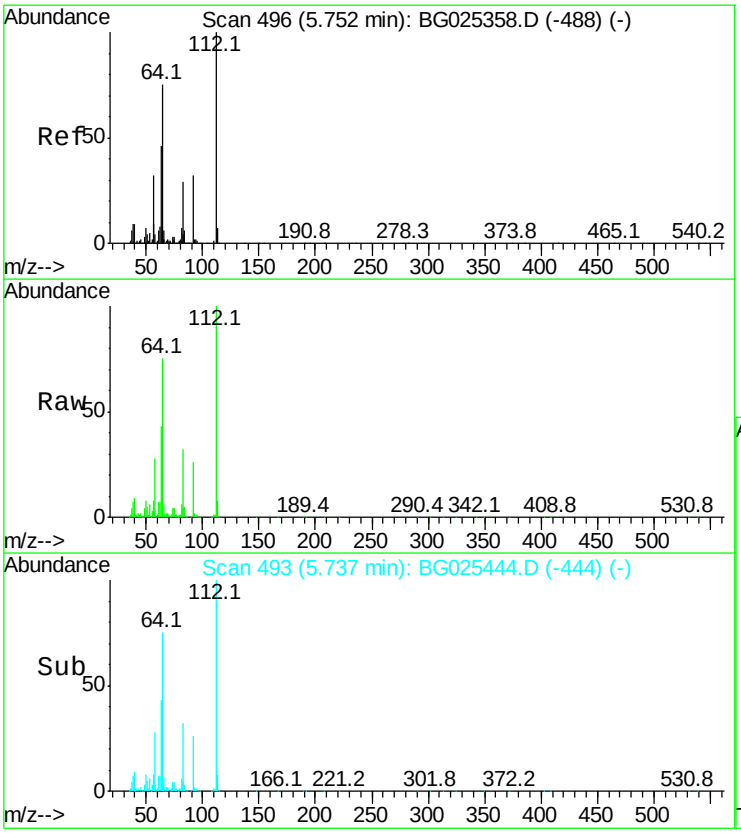
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.20 min Scan# 912
Delta R.T. -0.01 min
Lab File: BG025444.D
Acq: 10 Jan 2017 00:04

Instrument :
BNA_G
ClientSampleId :
W-25

Tgt Ion:152 Resp: 56145

Ion	Ratio	Lower	Upper
152	100		
150	149.5	114.0	171.0
115	61.5	48.1	72.1

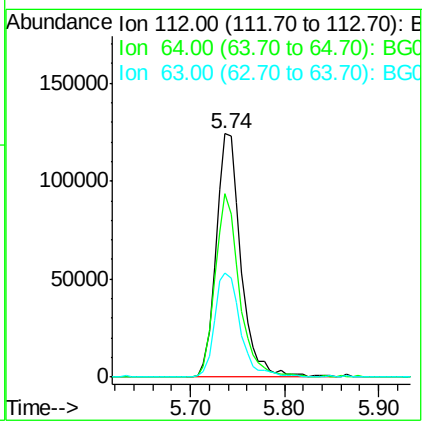


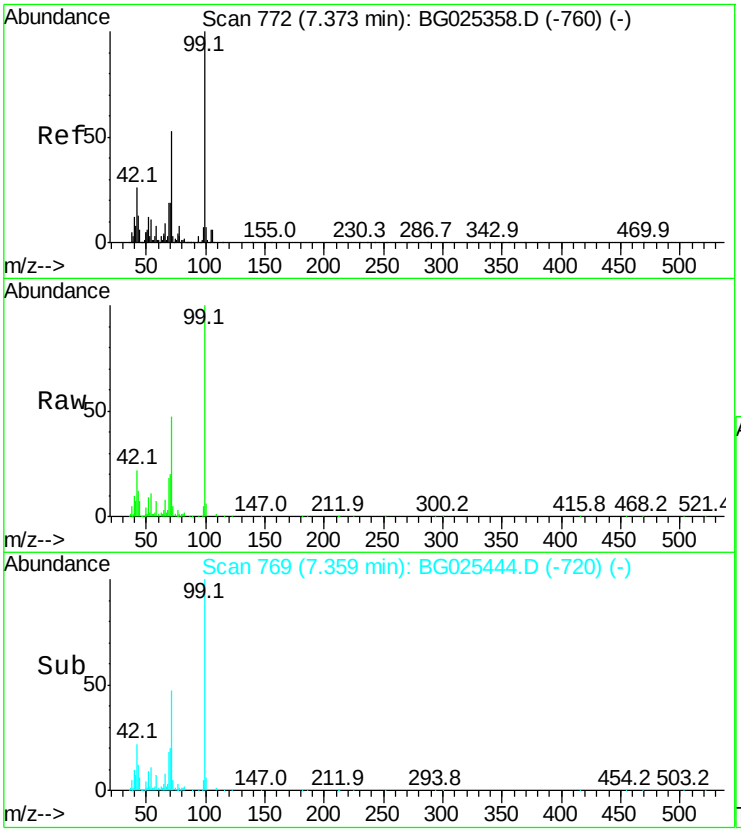


#5
2-Fluorophenol
Concen: 74.12 ng
RT: 5.74 min Scan# 493
Delta R.T. -0.01 min
Lab File: BG025444.D
Acq: 10 Jan 2017 00:04

Tgt Ion:112 Resp: 228935

Ion	Ratio	Lower	Upper
112	100		
64	75.5	61.8	92.6
63	42.8	37.2	55.8



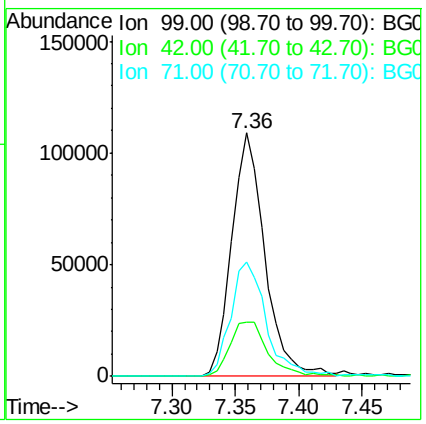


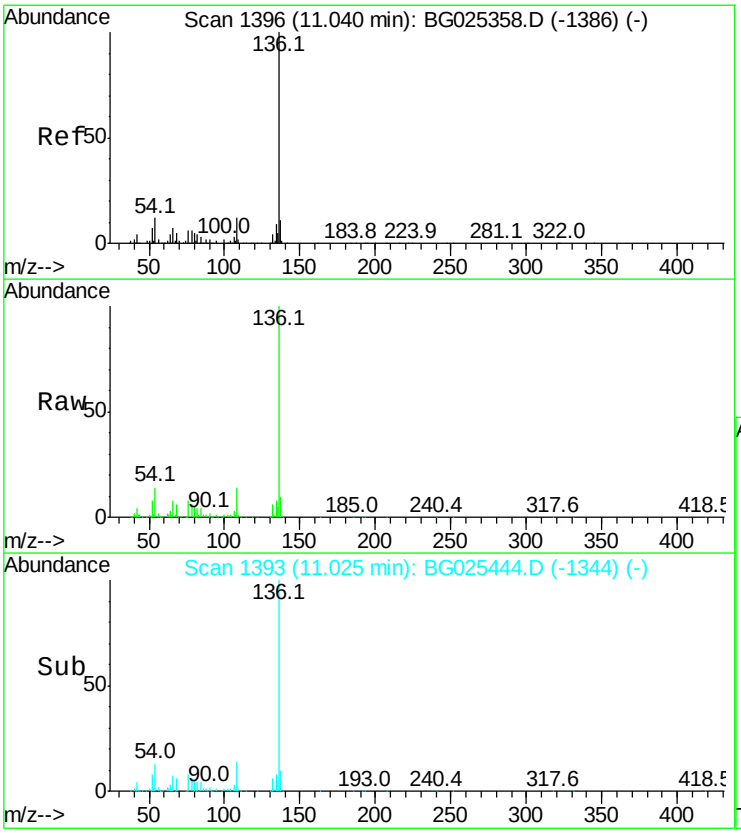
#7
Phenol-d6
Concen: 45.25 ng
RT: 7.36 min Scan# 769
Delta R.T. -0.01 min
Lab File: BG025444.D
Acq: 10 Jan 2017 00:04

Instrument :
BNA_G
ClientSampleId :
W-25

Tgt Ion: 99 Resp: 196862

Ion	Ratio	Lower	Upper
99	100		
42	22.1	20.5	30.7
71	47.1	37.6	56.4

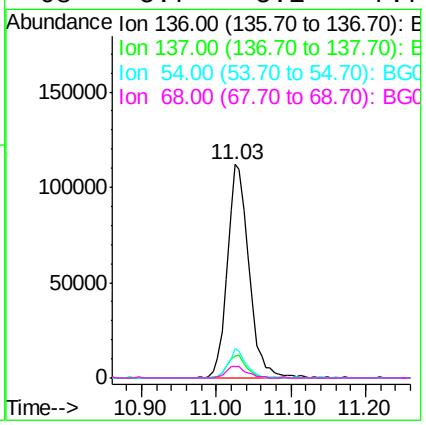


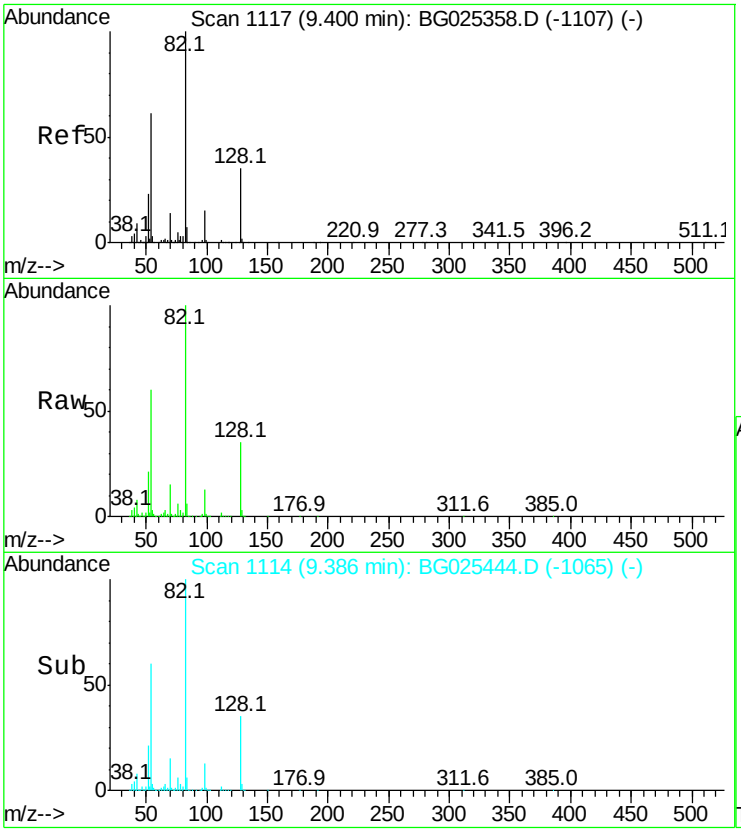


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.03 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BG025444.D
Acq: 10 Jan 2017 00:04

Tgt Ion:136 Resp: 225600

Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.9	13.3
54	13.6	9.3	13.9
68	5.7	5.1	7.7



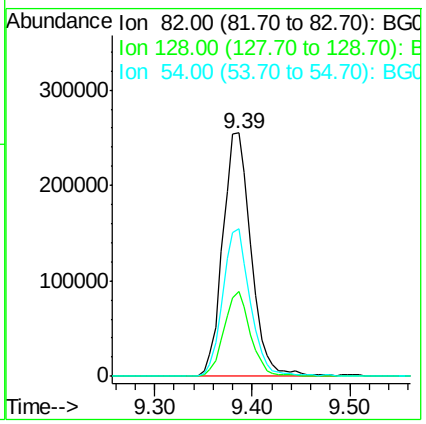


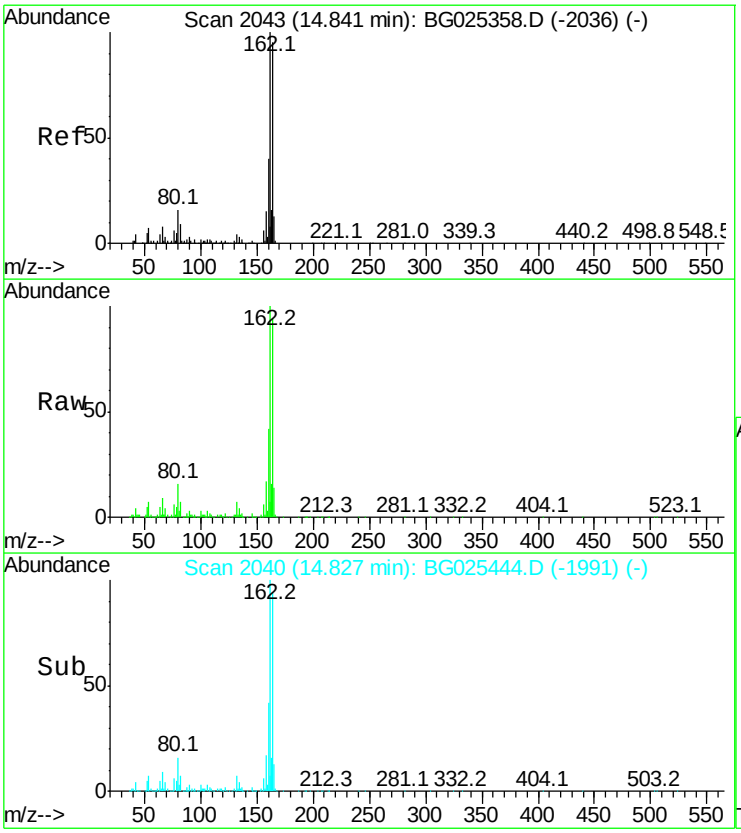
#23
Nitrobenzene-d5
Concen: 100.68 ng
RT: 9.39 min Scan# 1114
Delta R.T. -0.01 min
Lab File: BG025444.D
Acq: 10 Jan 2017 00:04

Instrument : BNA_G
ClientSampleId : W-25

Tgt Ion: 82 Resp: 514128

Ion	Ratio	Lower	Upper
82	100		
128	34.9	26.4	39.6
54	60.5	49.4	74.2

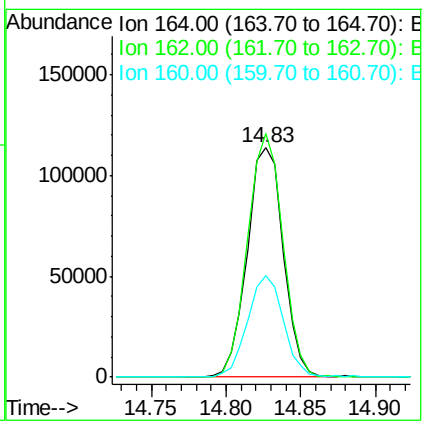


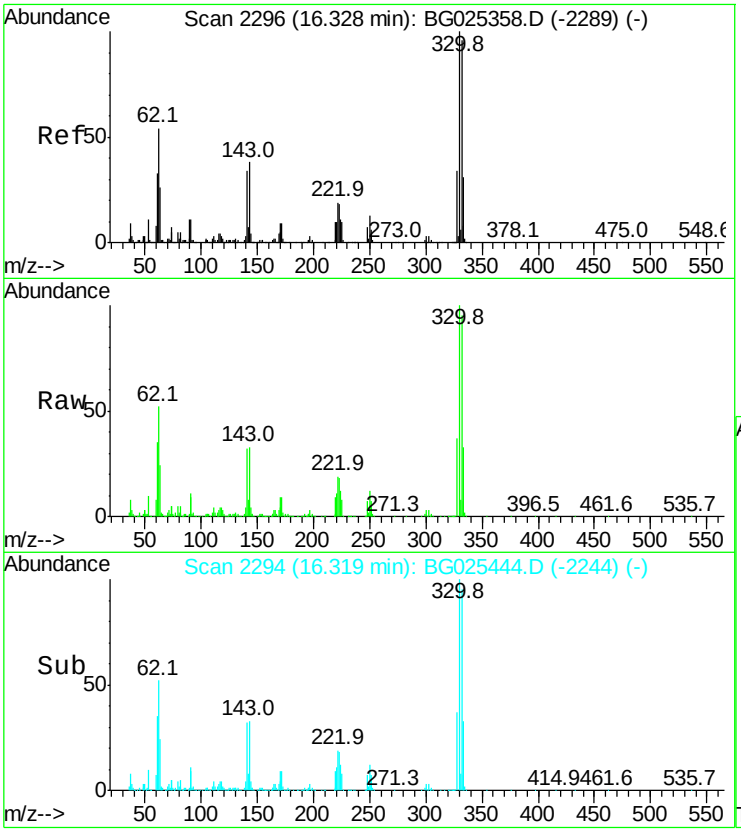


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.83 min Scan# 2040
Delta R.T. -0.01 min
Lab File: BG025444.D
Acq: 10 Jan 2017 00:04

Tgt Ion:164 Resp: 189329

Ion	Ratio	Lower	Upper
164	100		
162	106.1	85.1	127.7
160	44.1	34.7	52.1



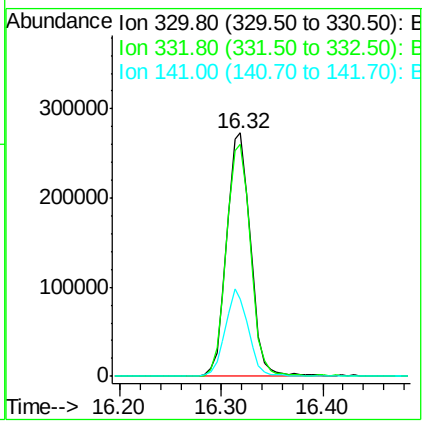


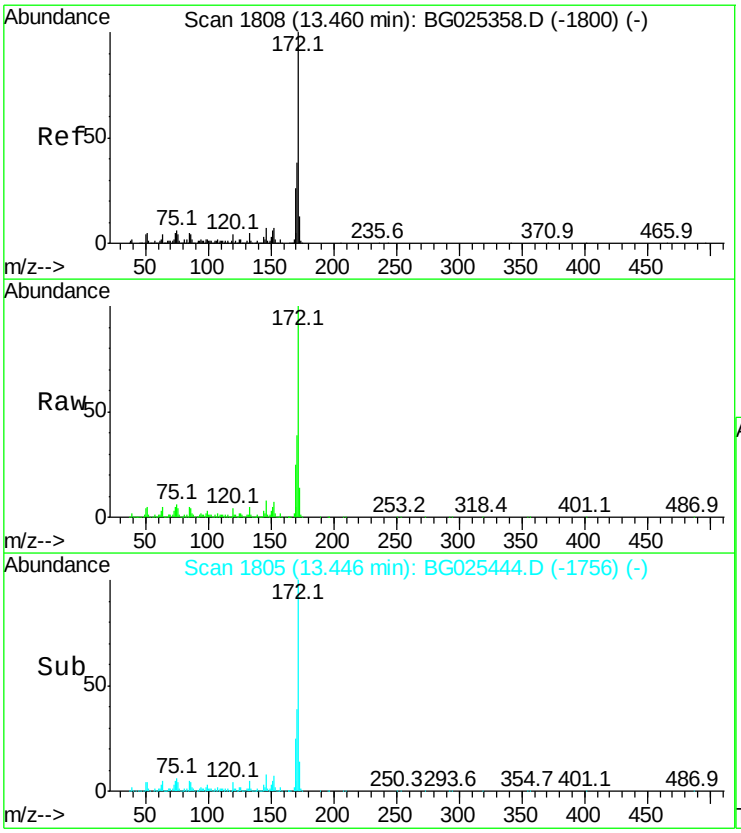
#41
2,4,6-Tribromophenol
Concen: 146.27 ng
RT: 16.32 min Scan# 2294
Delta R.T. -0.01 min
Lab File: BG025444.D
Acq: 10 Jan 2017 00:04

Instrument :
BNA_G
ClientSampleId :
W-25

Tgt Ion:330 Resp: 445844

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.3	115.9
141	34.6	32.1	48.1

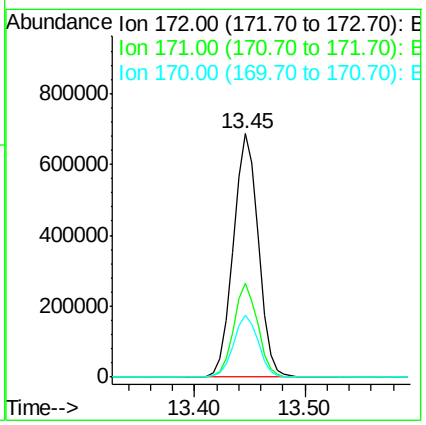


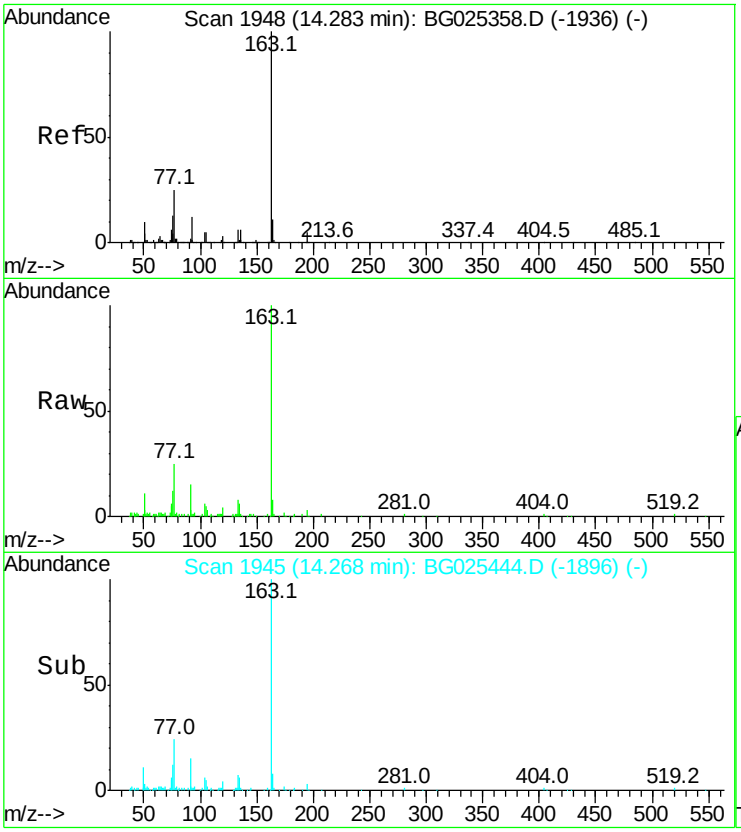


#44
2-Fluorobiphenyl
Concen: 93.85 ng
RT: 13.45 min Scan# 1805
Delta R.T. -0.01 min
Lab File: BG025444.D
Acq: 10 Jan 2017 00:04

Tgt Ion:172 Resp: 1097488

Ion	Ratio	Lower	Upper
172	100		
171	38.6	32.2	48.2
170	25.3	21.8	32.6



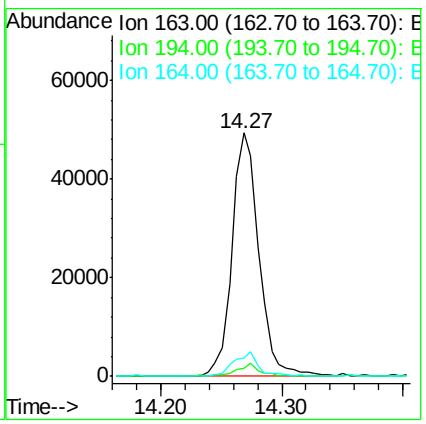


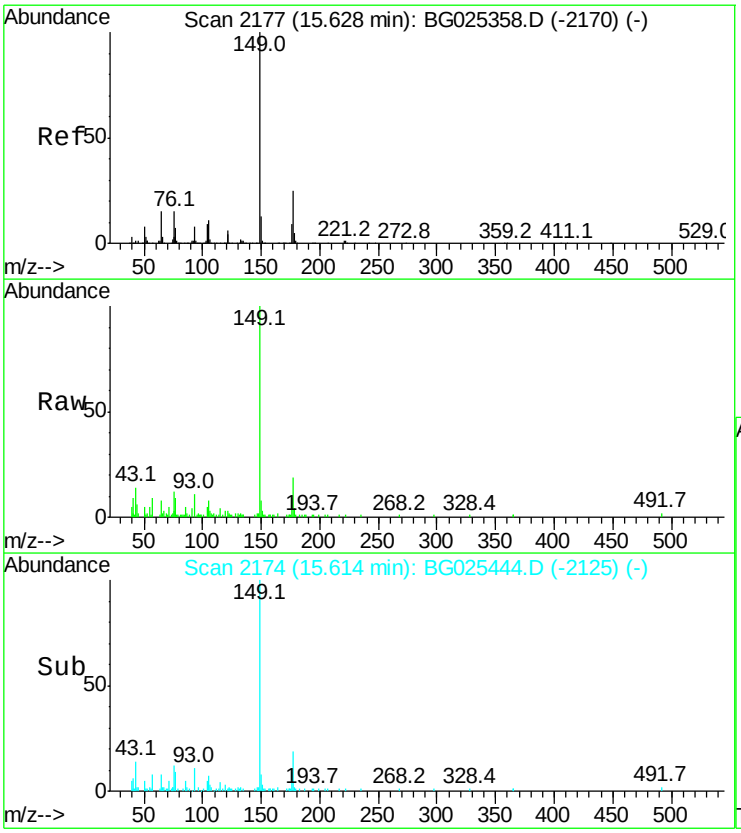
#49
Dimethylphthalate
Concen: 5.55 ng
RT: 14.27 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BG025444.D
Acq: 10 Jan 2017 00:04

Instrument :
BNA_G
ClientSampleId :
W-25

Tgt Ion:163 Resp: 76626

Ion	Ratio	Lower	Upper
163	100		
194	3.3	3.8	5.6#
164	7.5	9.3	13.9#

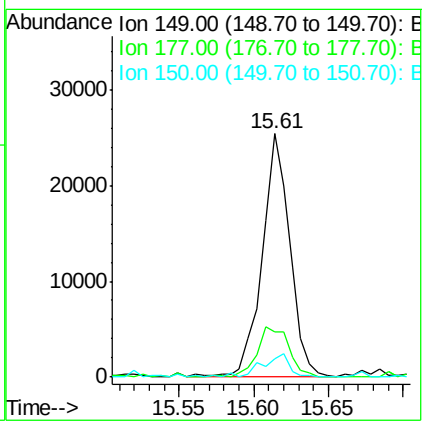


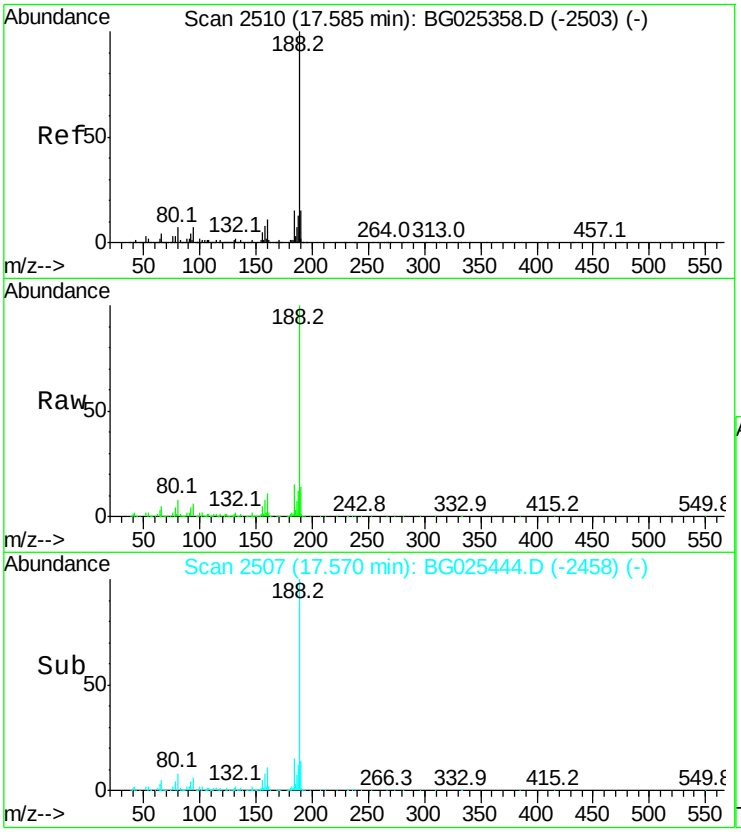


#59
Diethylphthalate
Concen: 2.25 ng
RT: 15.61 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BG025444.D
Acq: 10 Jan 2017 00:04

Tgt Ion:149 Resp: 32599

Ion	Ratio	Lower	Upper
149	100		
177	18.7	20.1	30.1#
150	7.6	10.2	15.2#



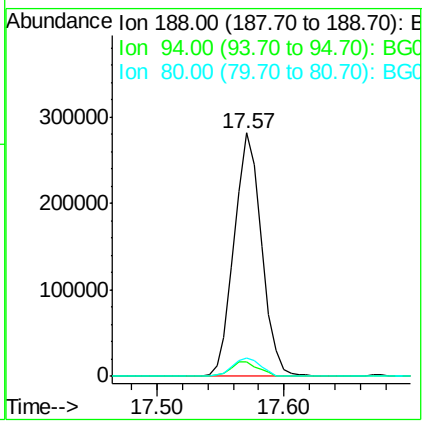


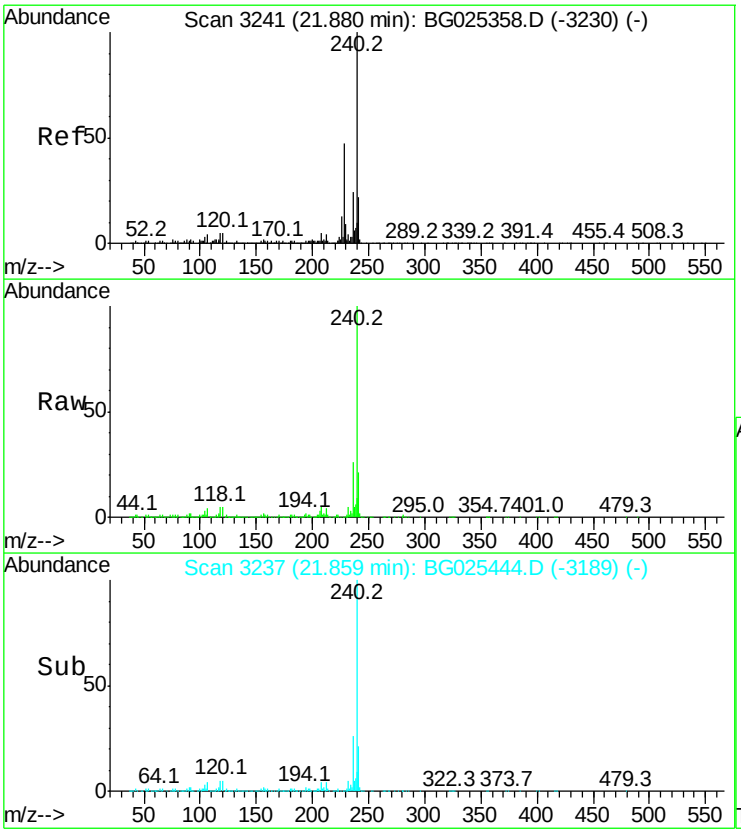
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.57 min Scan# 2507
Delta R.T. -0.01 min
Lab File: BG025444.D
Acq: 10 Jan 2017 00:04

Instrument :
BNA_G
ClientSampleId :
W-25

Tgt Ion:188 Resp: 422406

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

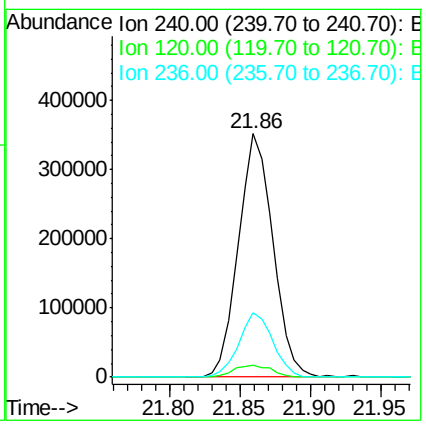


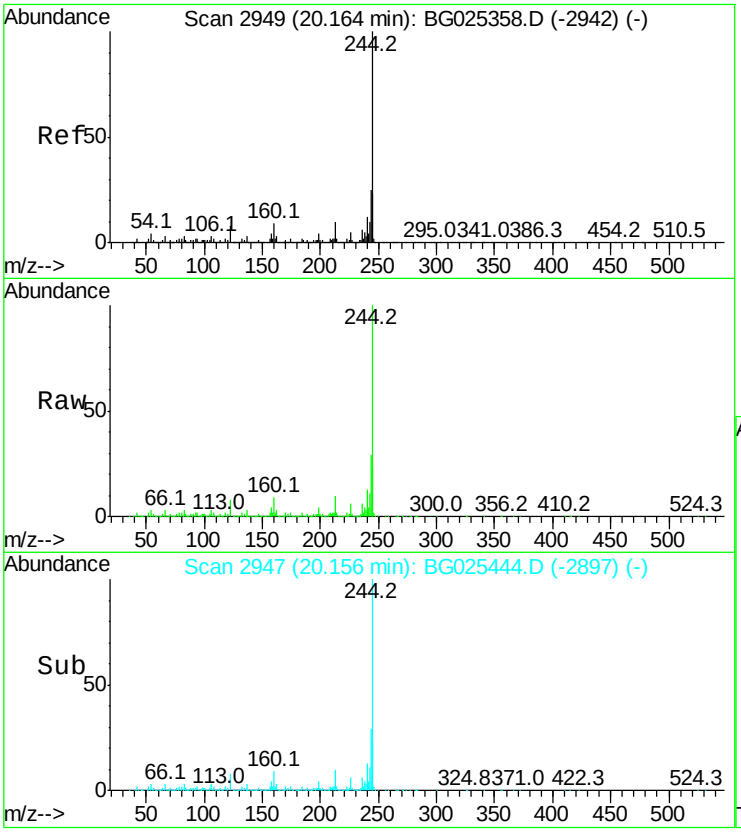


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.86 min Scan# 3237
Delta R.T. -0.02 min
Lab File: BG025444.D
Acq: 10 Jan 2017 00:04

Tgt Ion:240 Resp: 601988

Ion	Ratio	Lower	Upper
240	100		
120	5.1	5.7	8.5#
236	26.4	22.2	33.4



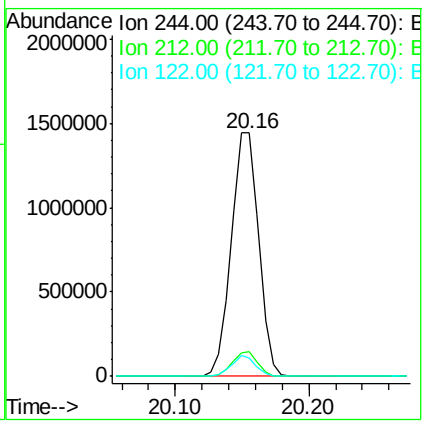


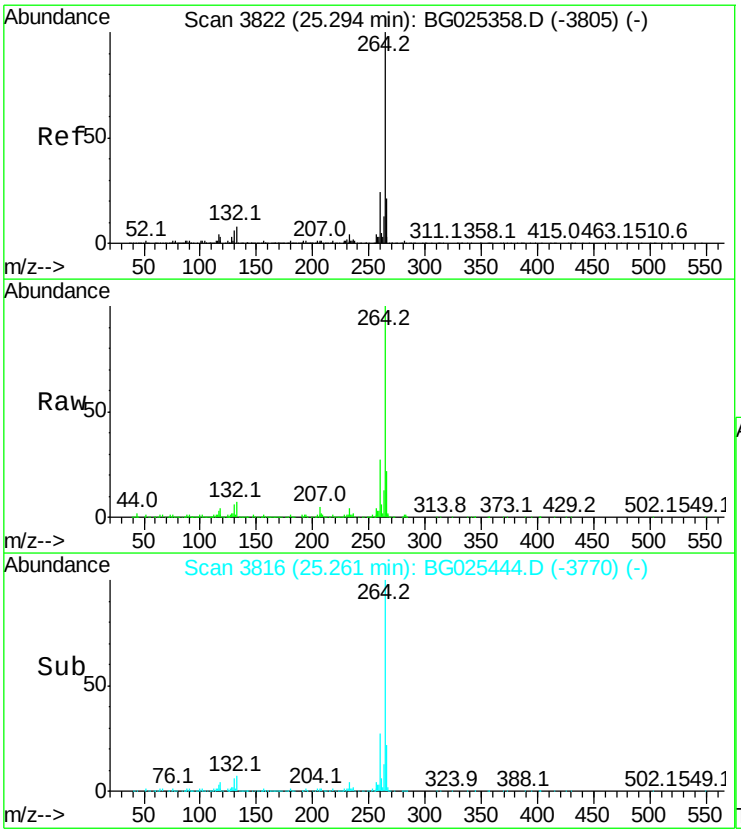
#78
Terphenyl-d14
Concen: 90.91 ng
RT: 20.16 min Scan# 2947
Delta R.T. -0.01 min
Lab File: BG025444.D
Acq: 10 Jan 2017 00:04

Instrument :
BNA_G
ClientSampleId :
W-25

Tgt Ion:244 Resp: 2064110

Ion	Ratio	Lower	Upper
244	100		
212	10.0	10.0	15.0
122	7.8	8.6	12.8#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.26 min Scan# 3816
Delta R.T. -0.03 min
Lab File: BG025444.D
Acq: 10 Jan 2017 00:04

Tgt Ion:264 Resp: 653893

Ion	Ratio	Lower	Upper
264	100		
260	26.9	21.8	32.8
265	22.5	18.2	27.4