Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA G\DATA\BG012518\
Data File : BG032305.D
Acq On : 25 Jan 2018 22:25
Operator : SJ/JU
Sample : J1020-10
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jan 26 01:25:14 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 24 14:02:41 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.72	152	32774	20.00	ng	0.00
21) Naphthalene-d8	11.60	136	135826	20.00	ng	0.00
38) Acenaphthene-d10	15.36	164	105448	20.00	ng	0.00
63) Phenanthrene-d10	18.09	188	301083	20.00	ng	0.00
75) Chrysene-d12	22.42	240	375456	20.00	ng	0.00
86) Perylene-d12	26.10	264	397462	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	226402	126.34	ng	0.00
7) Phenol-d6	7.84	99	265874	117.81	ng	0.00
23) Nitrobenzene-d5	9.92	82	206121	102.67	ng	0.00
41) 2,4,6-Tribromophenol	16.83	330	288331	165.24	ng	0.00
44) 2-Fluorobiphenyl	13.98	172	763253	89.75	ng	0.00
78) Terphenyl-d14	20.63	244	1672493	98.36	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.49	88	8483	12.322	ng	# 1
19) n-Nitroso-di-n-propylamine	9.92	70	29997	21.422	ng	# 79
31) Naphthalene	11.65	128	36601	5.440	ng	# 96
32) Benzoic acid	11.17	122	54	5.288	ng	# 1
50) 2,6-Dinitrotoluene	15.35	165	13366	6.978	ng	# 18
53) 2,4-Dinitrophenol	14.97	184	75	7.035	ng	# 1
56) 2,4-Dinitrotoluene	15.35	165	13366	5.183	ng	# 16
64) 4,6-Dinitro-2-methylphenol	16.84	198	666	5.195	ng	# 1
66) 4-Bromophenyl-phenylether	16.84	248	24715	5.769	ng	# 1
76) Benzidine	20.63	184	23884	2.544	ng	# 92

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

Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA G\DATA\BG012518\
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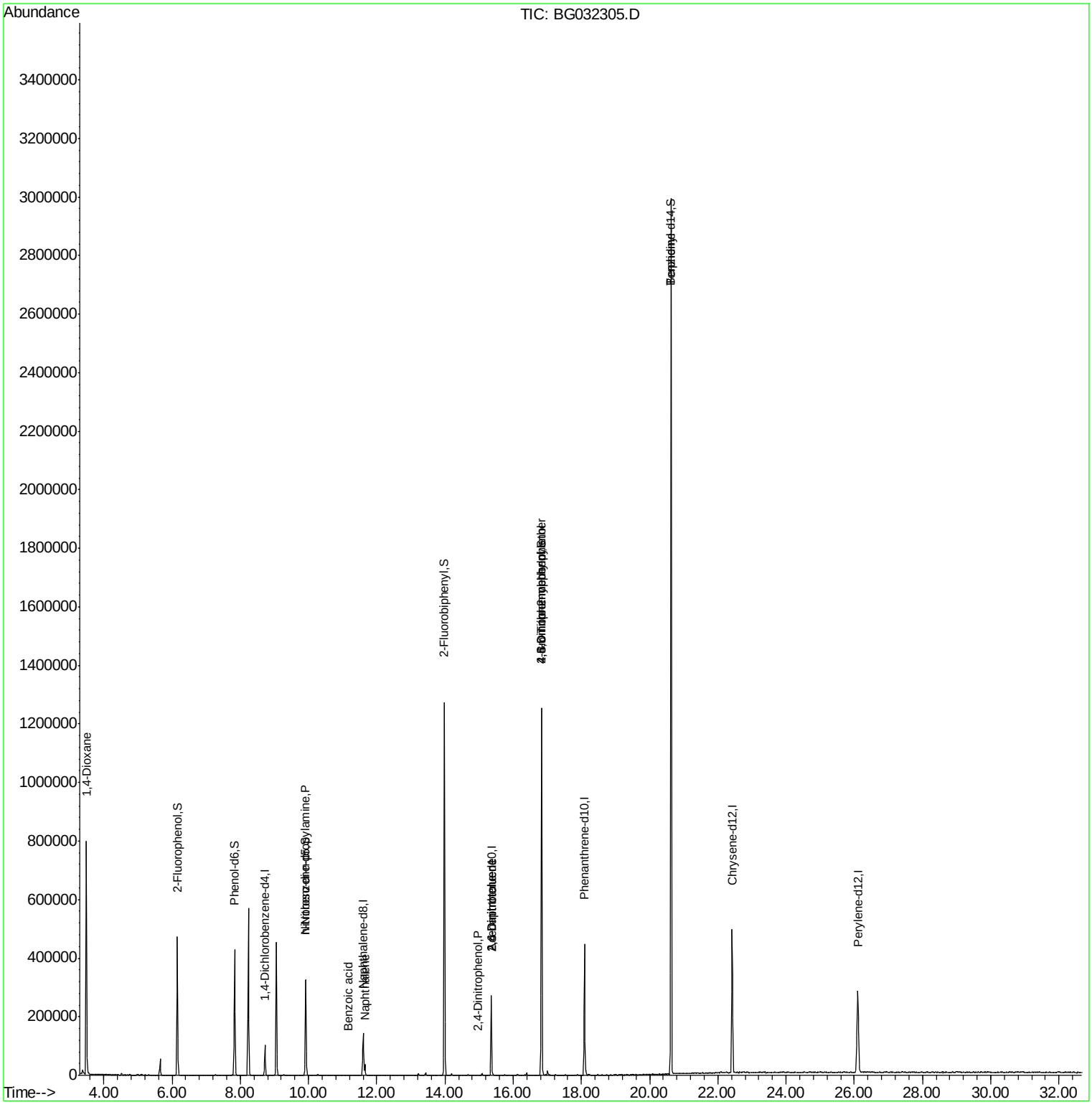
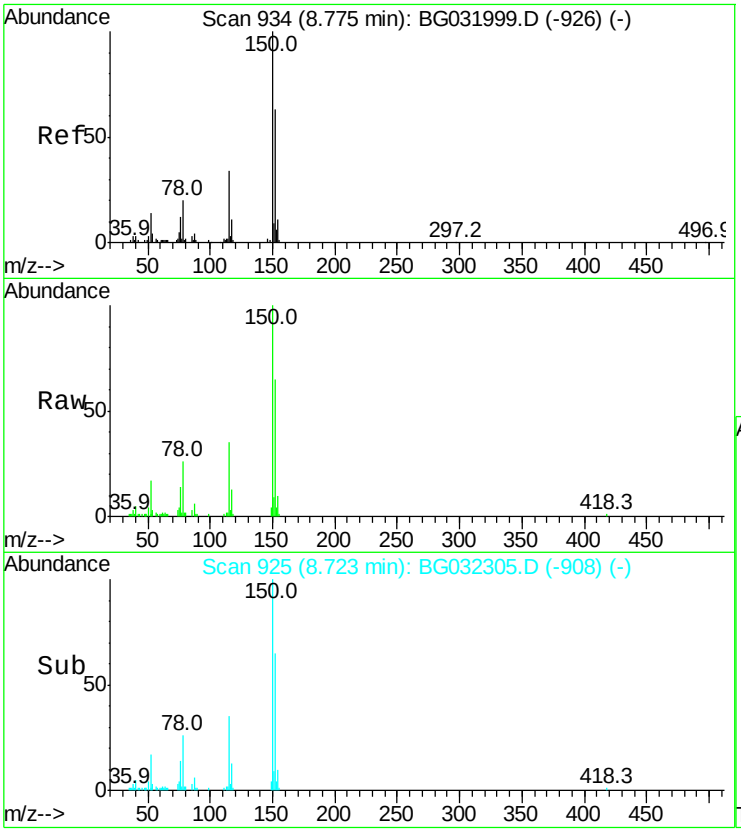
Acq On : 25 Jan 2018 22:25
Operator : SJ/JU
Sample : J1020-10
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jan 26 01:25:14 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 24 14:02:41 2018
Response via : Initial Calibration



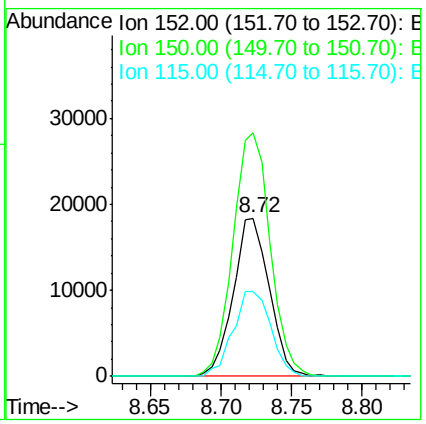


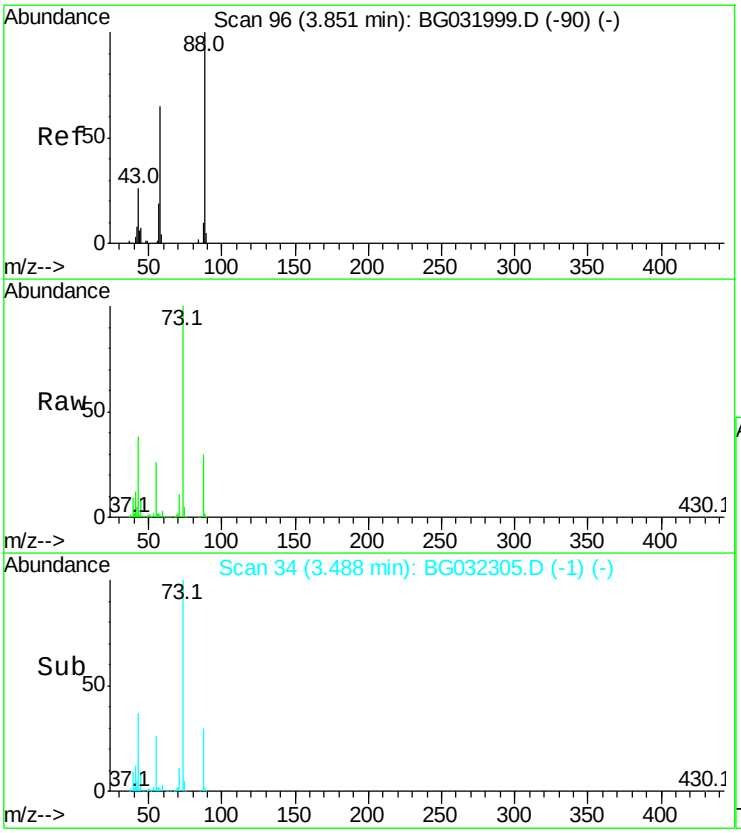
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.72 min Scan# 925
Delta R.T. -0.00 min
Lab File: BG032305.D
Acq: 25 Jan 2018 22:25

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 32774

Ion	Ratio	Lower	Upper
152	100		
150	153.8	126.6	189.8
115	53.9	53.0	79.4

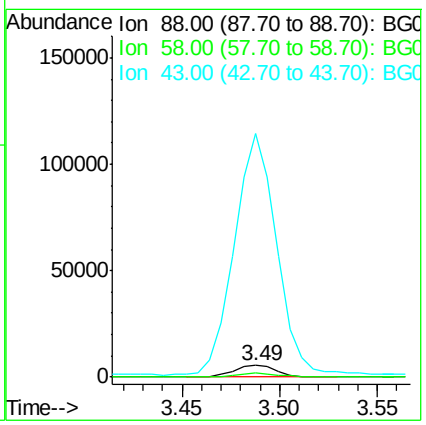


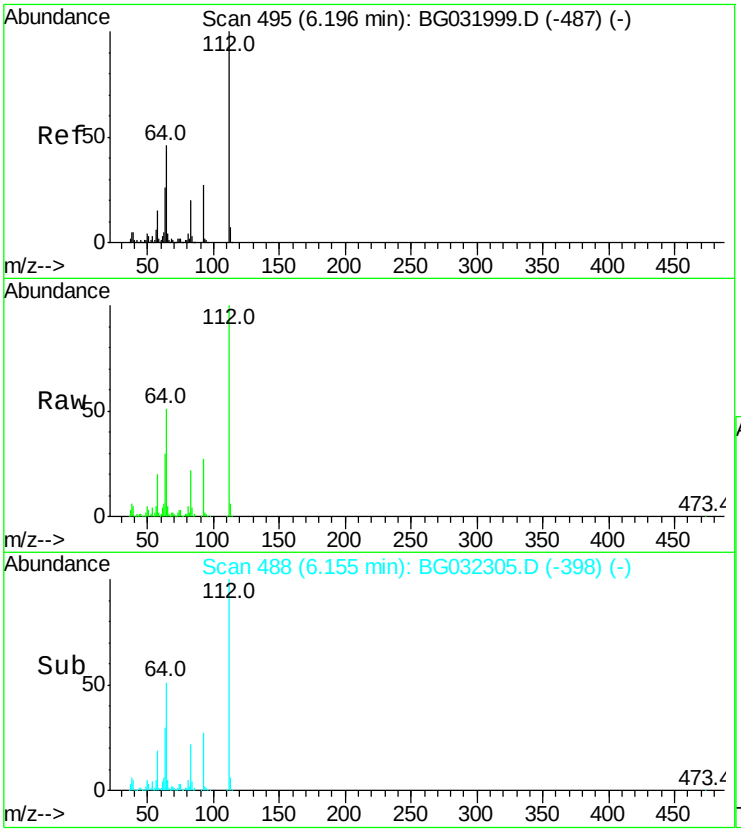


#2
1,4-Dioxane
Concen: 12.322 ng
RT: 3.49 min Scan# 34
Delta R.T. -0.34 min
Lab File: BG032305.D
Acq: 25 Jan 2018 22:25

Tgt Ion: 88 Resp: 8483

Ion	Ratio	Lower	Upper
88	100		
58	31.7	79.6	119.4#
43	2005.1	27.4	41.0#



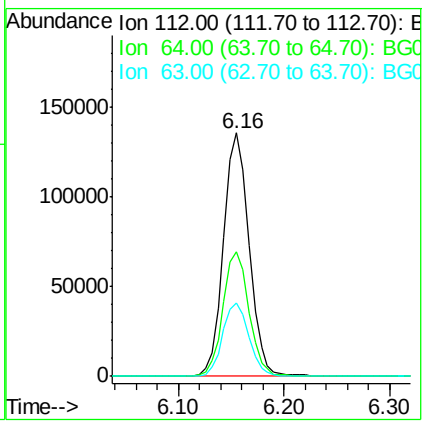


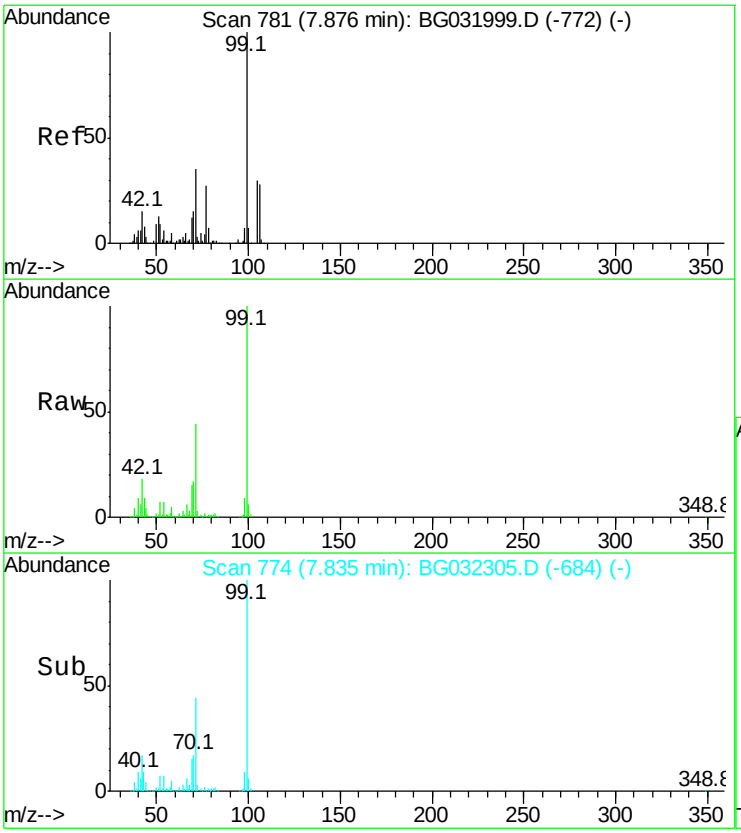
#5
2-Fluorophenol
Concen: 126.342 ng
RT: 6.16 min Scan# 488
Delta R.T. -0.00 min
Lab File: BG032305.D
Acq: 25 Jan 2018 22:25

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:112 Resp: 226402

Ion	Ratio	Lower	Upper
112	100		
64	50.9	56.3	84.5#
63	30.1	30.1	45.1#

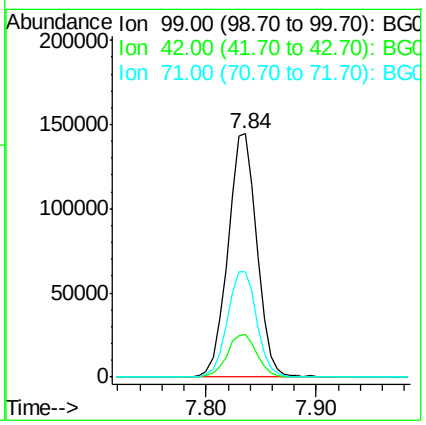


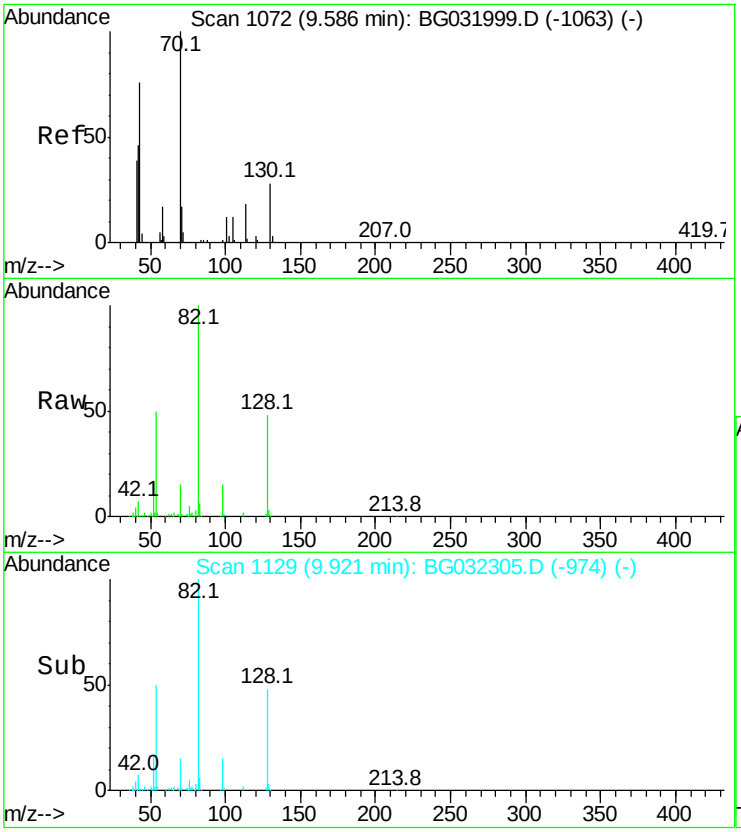


#7
Phenol-d6
Concen: 117.806 ng
RT: 7.84 min Scan# 774
Delta R.T. -0.00 min
Lab File: BG032305.D
Acq: 25 Jan 2018 22:25

Tgt Ion: 99 Resp: 265874

Ion	Ratio	Lower	Upper
99	100		
42	17.6	14.1	21.1
71	43.5	26.1	39.1#



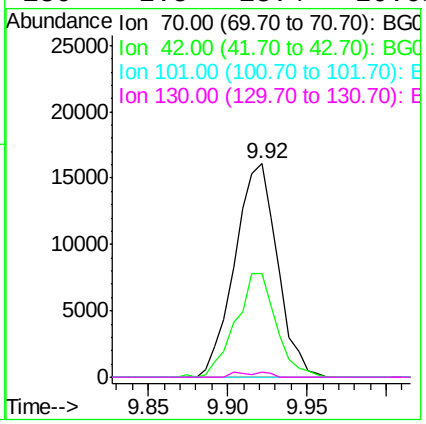


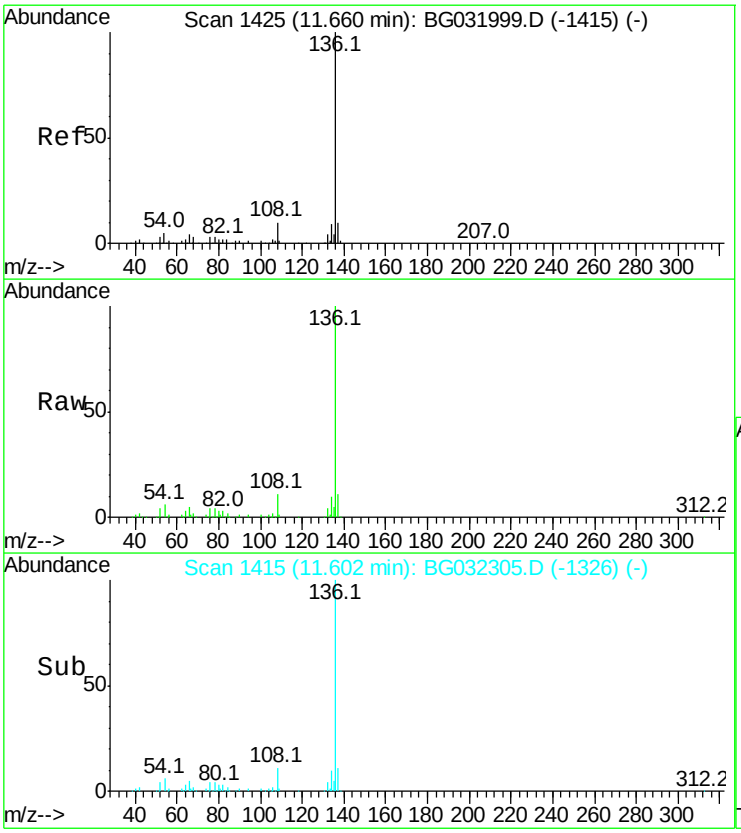
#19
n-Nitroso-di-n-propylamine
Concen: 21.422 ng
RT: 9.92 min Scan# 1129
Delta R.T. 0.38 min
Lab File: BG032305.D
Acq: 25 Jan 2018 22:25

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 29997

Ion	Ratio	Lower	Upper
70	100		
42	48.7	49.1	73.7#
101	0.0	8.5	12.7#
130	2.5	13.4	20.0#

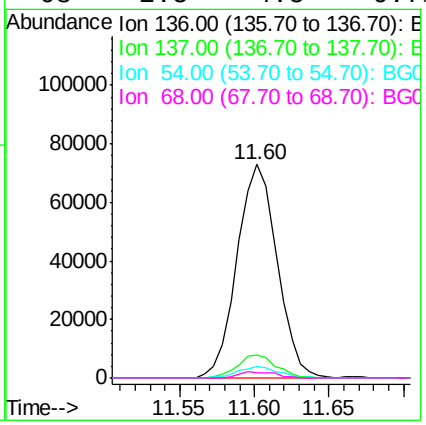


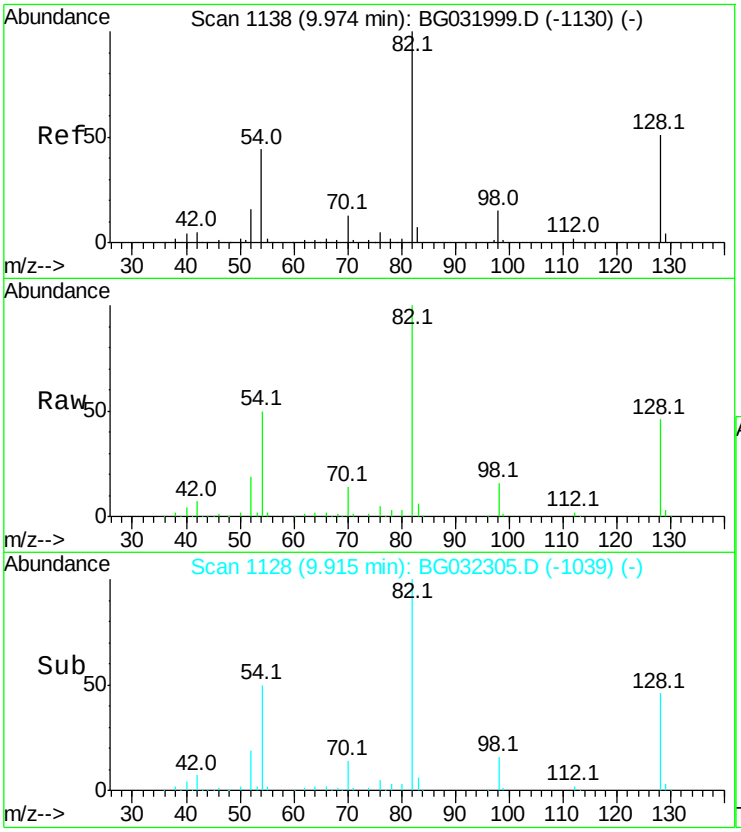


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.60 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BG032305.D
Acq: 25 Jan 2018 22:25

Tgt Ion:136 Resp: 135826

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.2	13.8
54	5.6	10.3	15.5#
68	2.5	4.5	6.7#



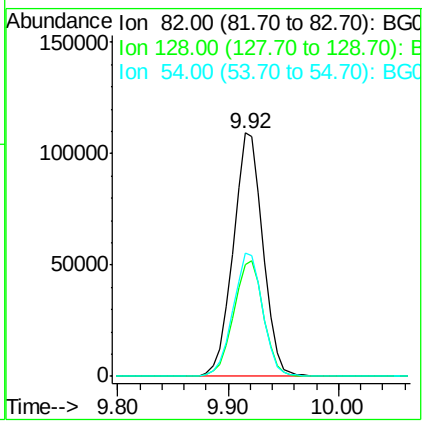


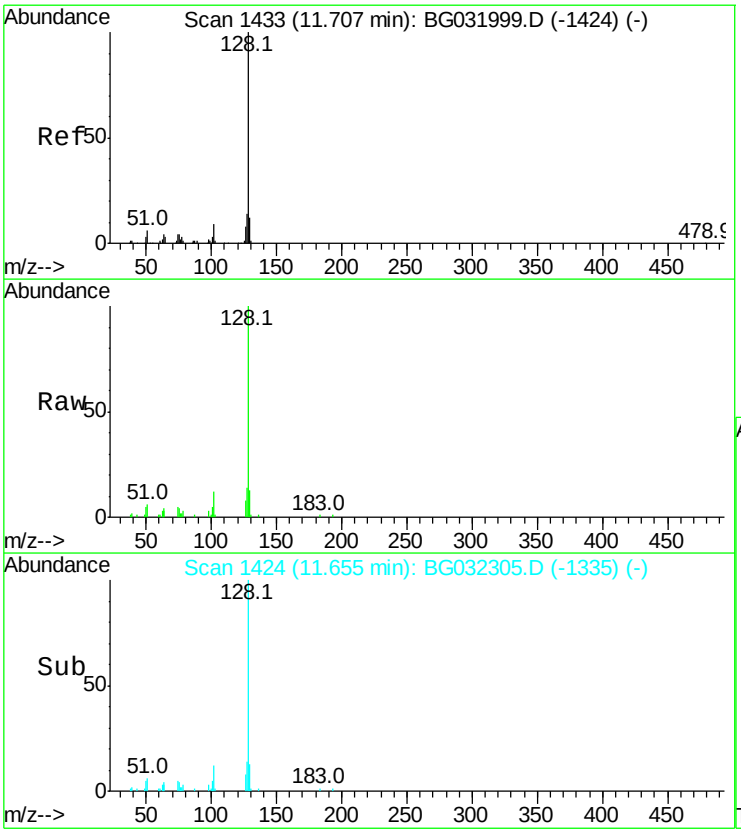
#23
Nitrobenzene-d5
Concen: 102.668 ng
RT: 9.92 min Scan# 1128
Delta R.T. -0.01 min
Lab File: BG032305.D
Acq: 25 Jan 2018 22:25

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 206121

Ion	Ratio	Lower	Upper
82	100		
128	45.7	29.7	44.5#
54	50.5	43.1	64.7

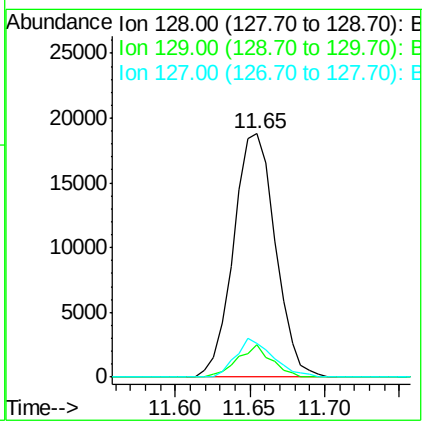


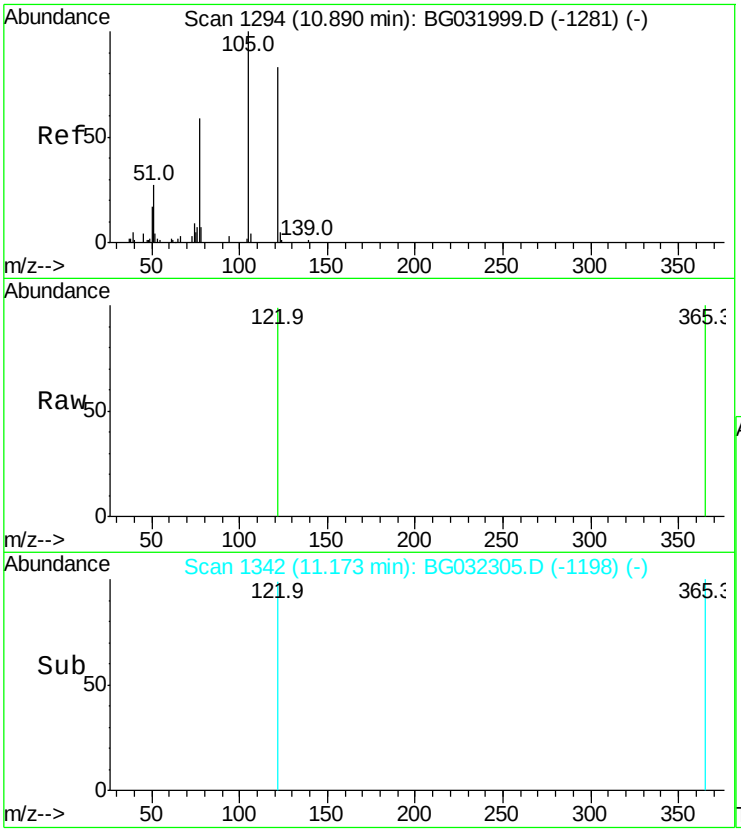


#31
Naphthalene
Concen: 5.440 ng
RT: 11.65 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BG032305.D
Acq: 25 Jan 2018 22:25

Tgt Ion:128 Resp: 36601

Ion	Ratio	Lower	Upper
128	100		
129	13.1	8.6	12.8#
127	13.7	11.6	17.4



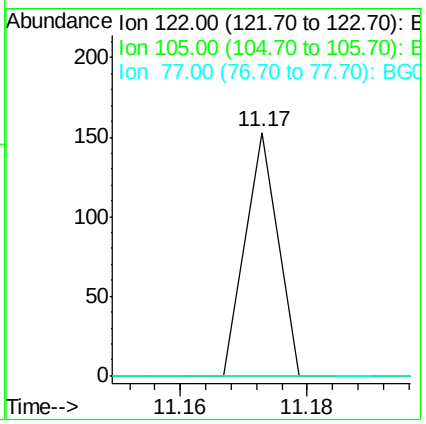


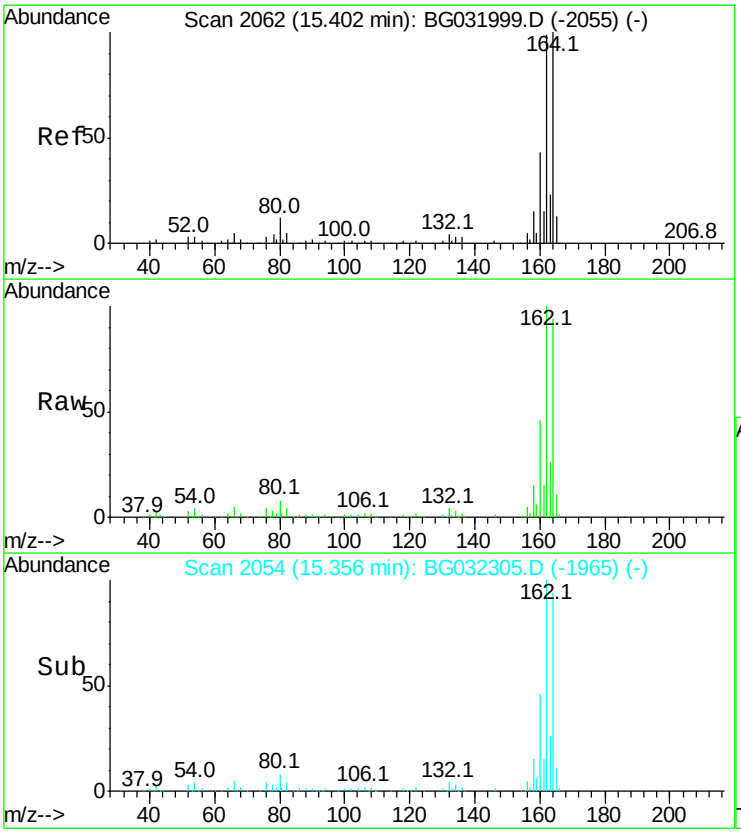
#32
Benzoic acid
Concen: 5.288 ng
RT: 11.17 min Scan# 1342
Delta R.T. 0.32 min
Lab File: BG032305.D
Acq: 25 Jan 2018 22:25

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:122 Resp: 54

Ion	Ratio	Lower	Upper
122	100		
105	0.0	123.5	163.5#
77	0.0	85.7	125.7#

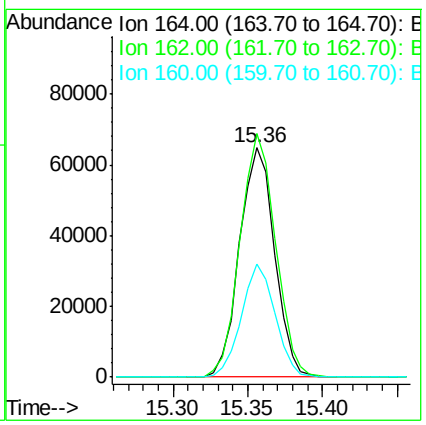


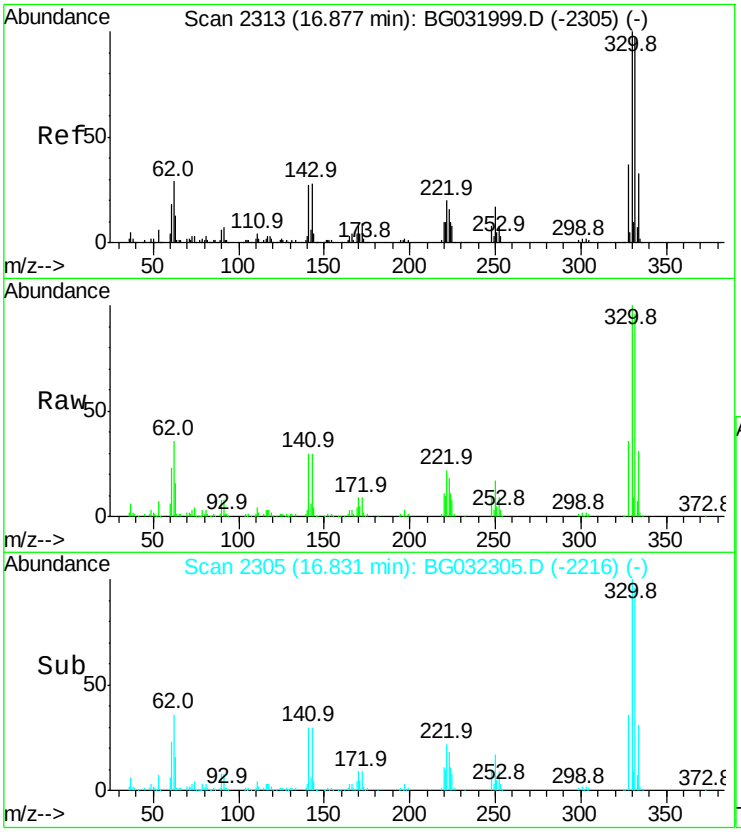


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.36 min Scan# 2054
Delta R.T. -0.01 min
Lab File: BG032305.D
Acq: 25 Jan 2018 22:25

Tgt Ion:164 Resp: 105448

Ion	Ratio	Lower	Upper
164	100		
162	106.2	78.8	118.2
160	49.1	35.4	53.0



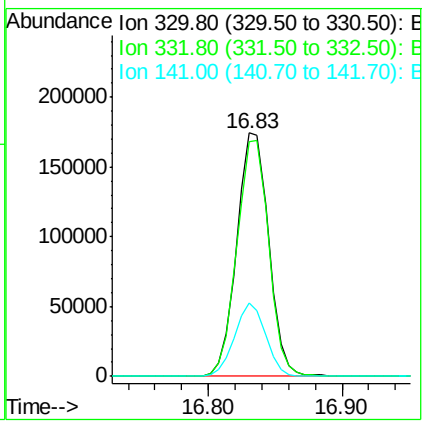


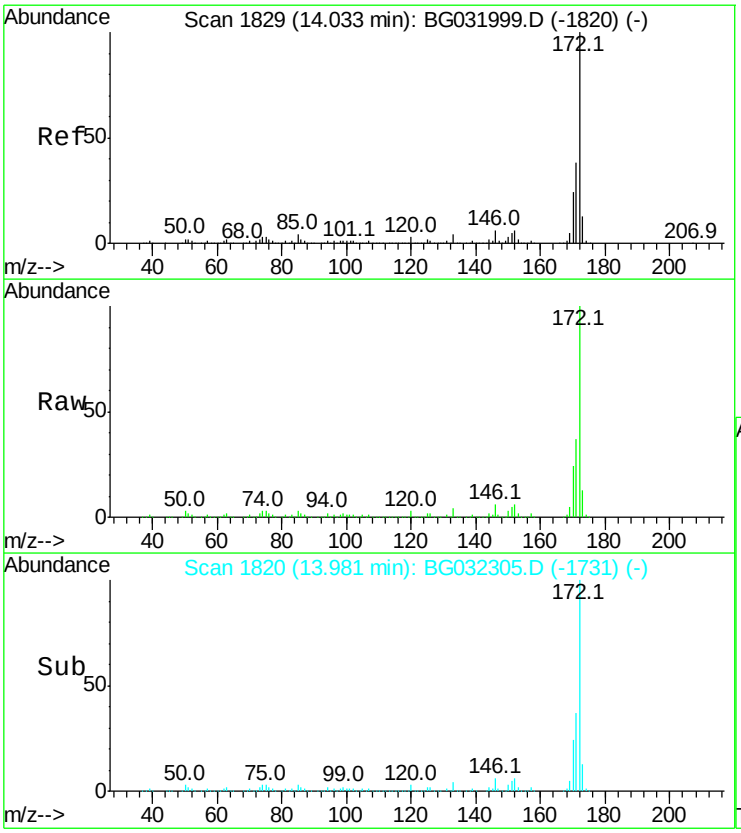
#41
2,4,6-Tribromophenol
Concen: 165.240 ng
RT: 16.83 min Scan# 2305
Delta R.T. -0.01 min
Lab File: BG032305.D
Acq: 25 Jan 2018 22:25

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 288331

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.6
141	29.2	25.2	37.8

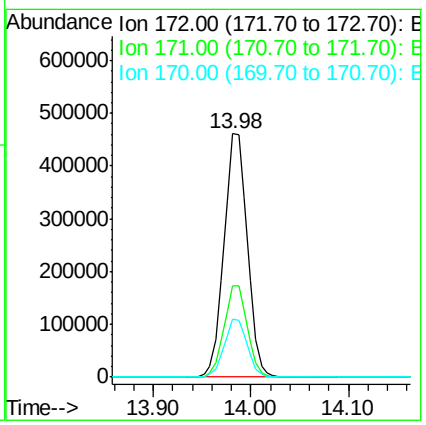


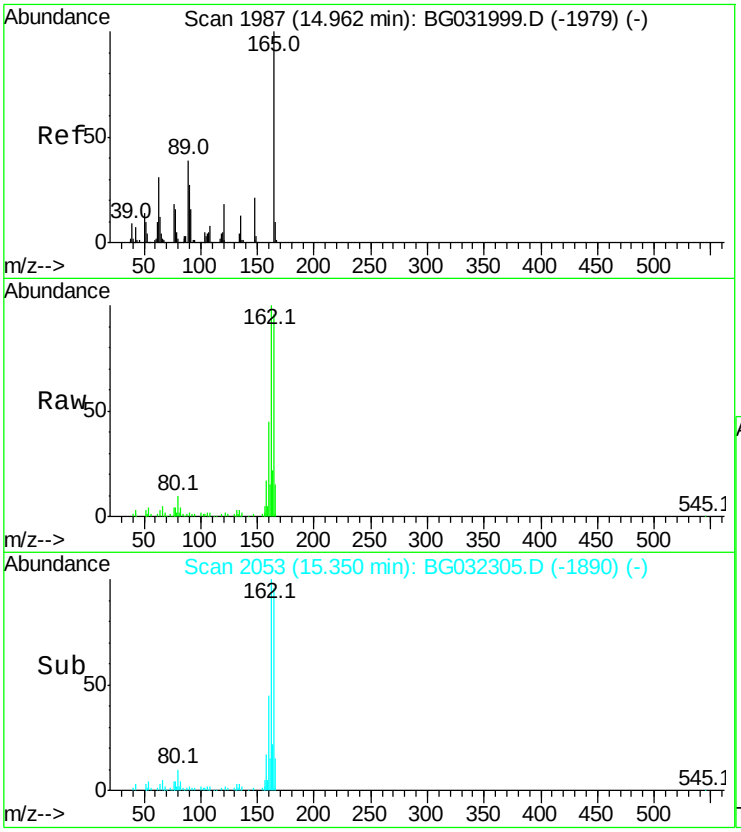


#44
2-Fluorobiphenyl
Concen: 89.750 ng
RT: 13.98 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BG032305.D
Acq: 25 Jan 2018 22:25

Tgt Ion:172 Resp: 763253

Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.0	45.0
170	23.8	19.5	29.3



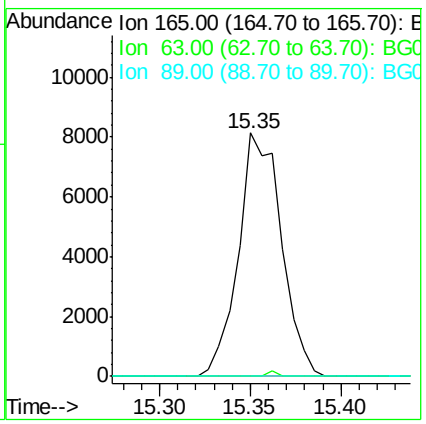


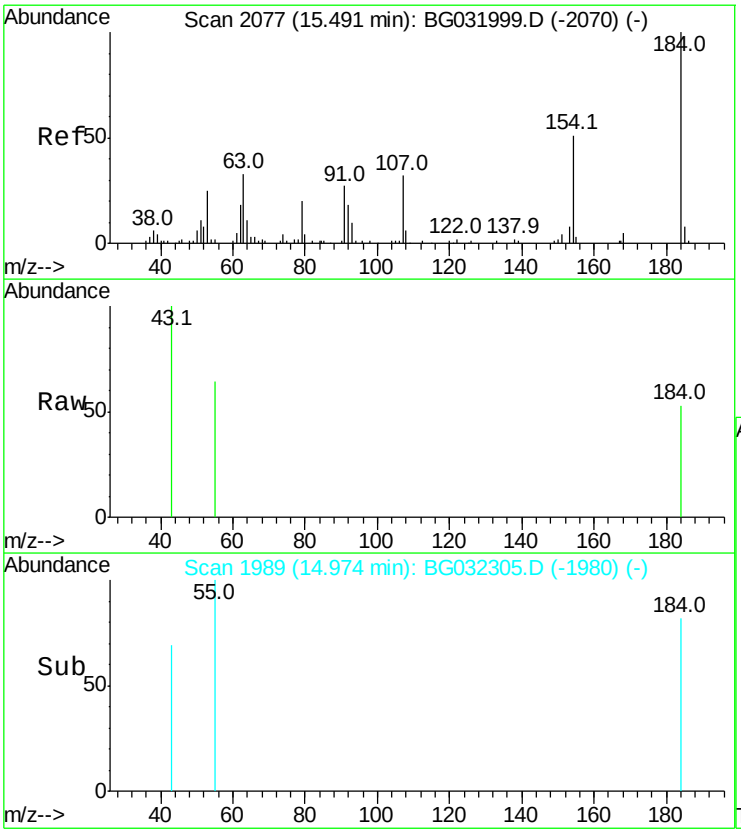
#50
2,6-Dinitrotoluene
Concen: 6.978 ng
RT: 15.35 min Scan# 2053
Delta R.T. 0.43 min
Lab File: BG032305.D
Acq: 25 Jan 2018 22:25

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 13366

Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	0.0	49.2	73.8#

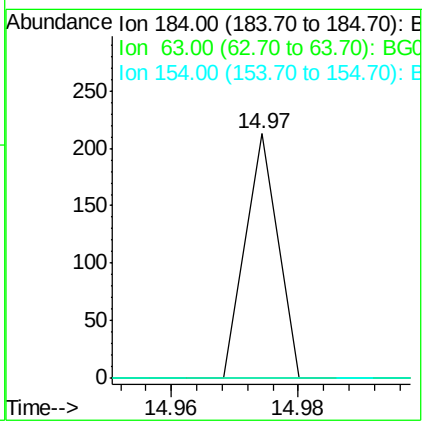


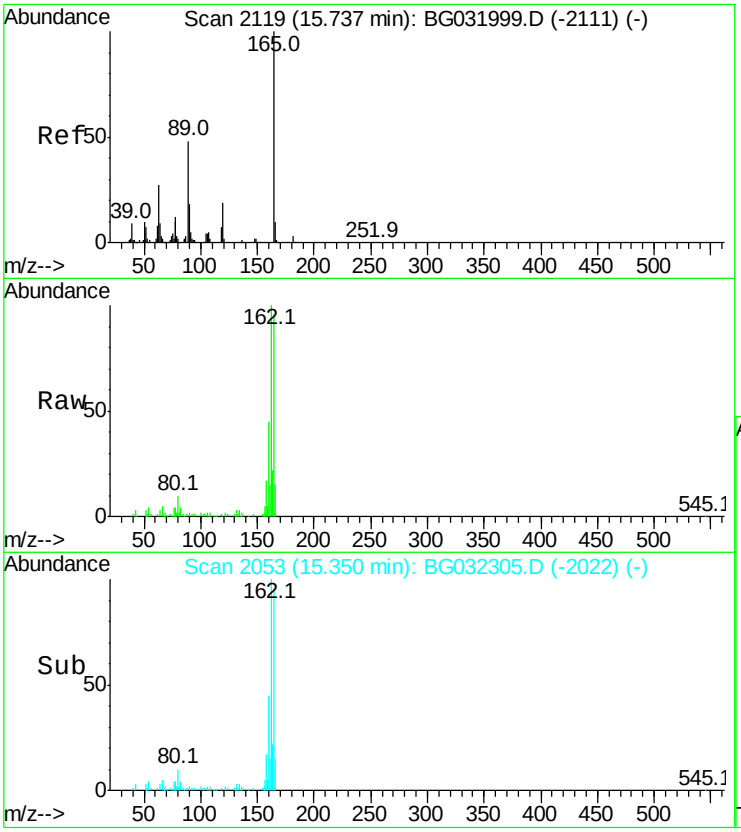


#53
2,4-Dinitrophenol
Concen: 7.035 ng
RT: 14.97 min Scan# 1989
Delta R.T. -0.48 min
Lab File: BG032305.D
Acq: 25 Jan 2018 22:25

Tgt Ion:184 Resp: 75

Ion	Ratio	Lower	Upper
184	100		
63	0.0	59.8	89.8#
154	0.0	101.8	152.8#



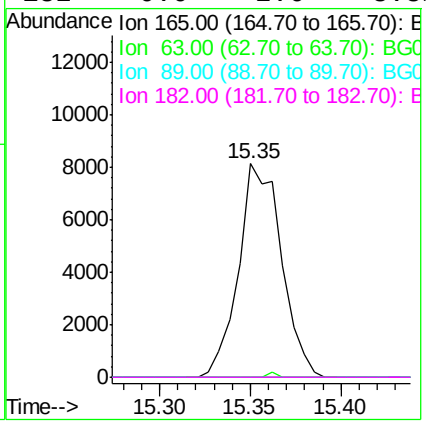


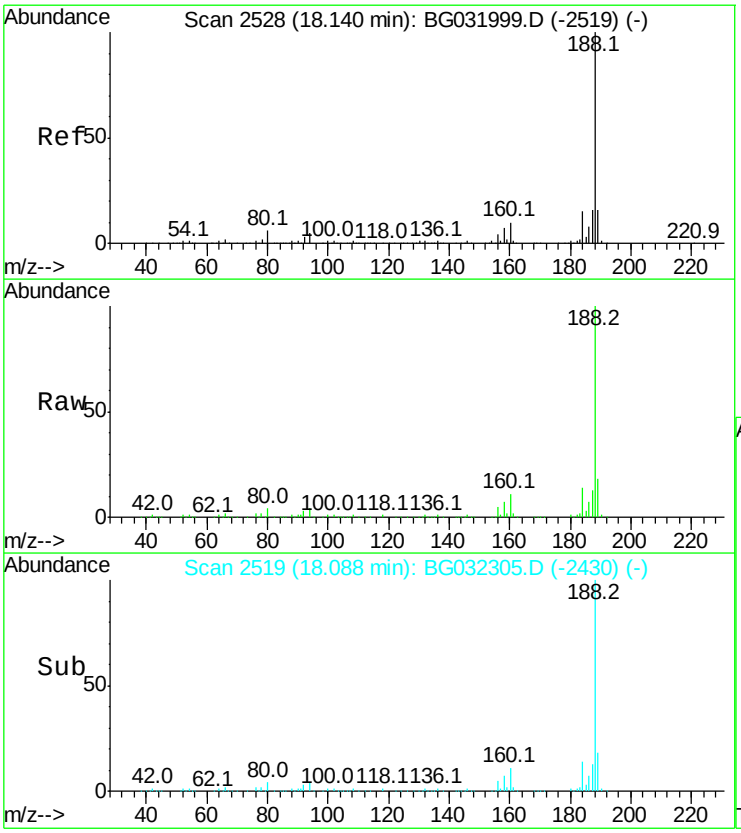
#56
2,4-Dinitrotoluene
Concen: 5.183 ng
RT: 15.35 min Scan# 2053
Delta R.T. -0.35 min
Lab File: BG032305.D
Acq: 25 Jan 2018 22:25

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 13366

Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	0.0	66.9	100.3#
182	0.0	2.6	3.8#

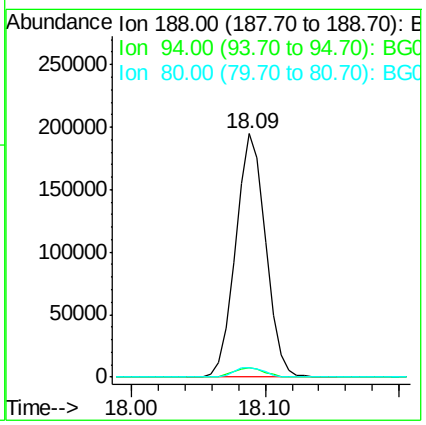


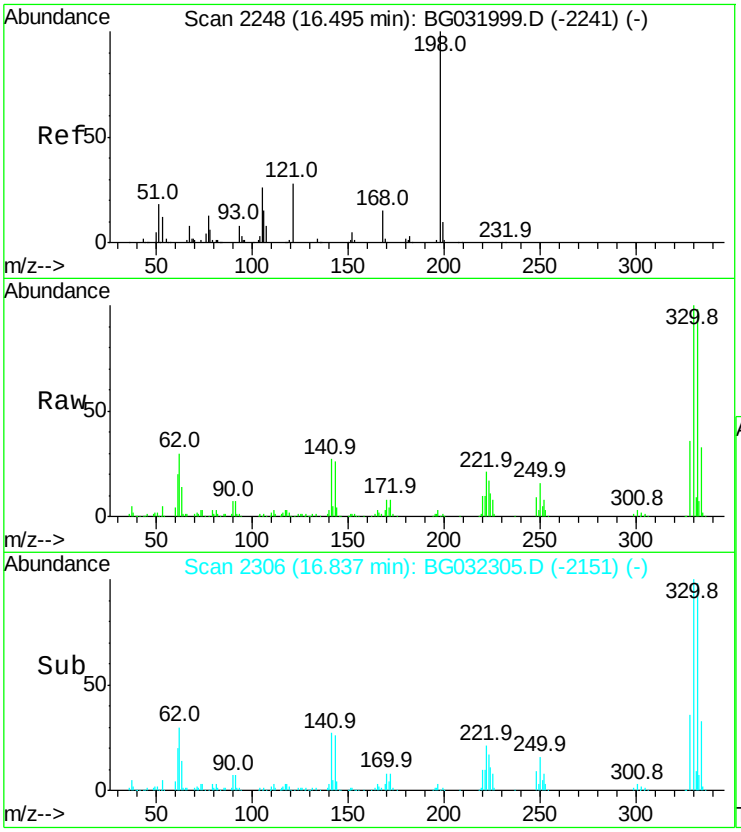


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.09 min Scan# 2519
Delta R.T. -0.01 min
Lab File: BG032305.D
Acq: 25 Jan 2018 22:25

Tgt Ion:188 Resp: 301083

Ion	Ratio	Lower	Upper
188	100		
94	3.8	6.9	10.3#
80	4.0	7.7	11.5#



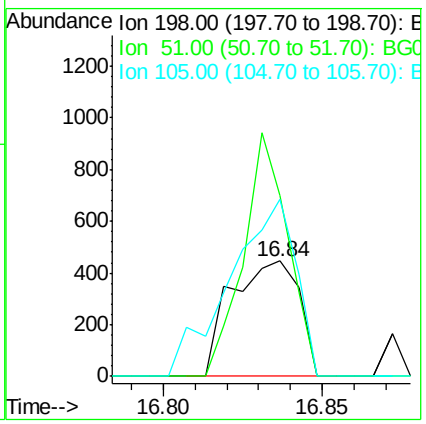


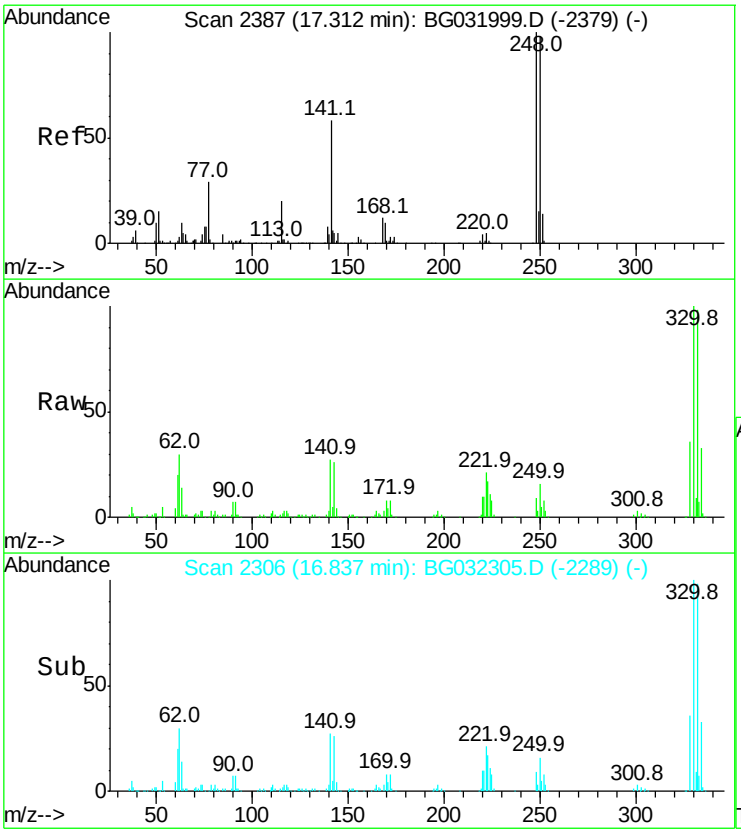
#64
4,6-Dinitro-2-methylphenol
Concen: 5.195 ng
RT: 16.84 min Scan# 2306
Delta R.T. 0.38 min
Lab File: BG032305.D
Acq: 25 Jan 2018 22:25

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:198 Resp: 666

Ion	Ratio	Lower	Upper
198	100		
51	157.0	30.6	70.6#
105	153.6	23.8	63.8#

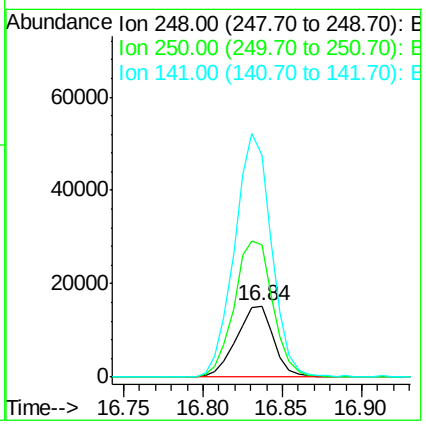


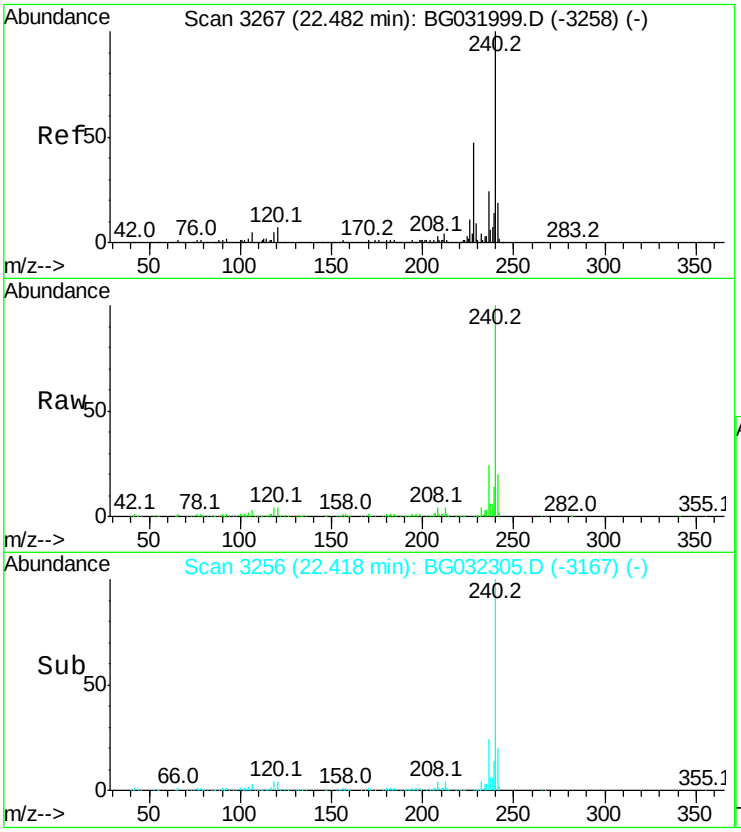


#66
4-Bromophenyl-phenylether
Concen: 5.769 ng
RT: 16.84 min Scan# 2306
Delta R.T. -0.43 min
Lab File: BG032305.D
Acq: 25 Jan 2018 22:25

Tgt Ion:248 Resp: 24715

Ion	Ratio	Lower	Upper
248	100		
250	186.7	77.1	115.7#
141	312.3	50.8	76.2#



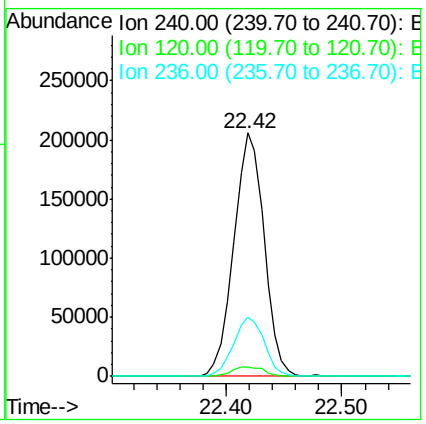


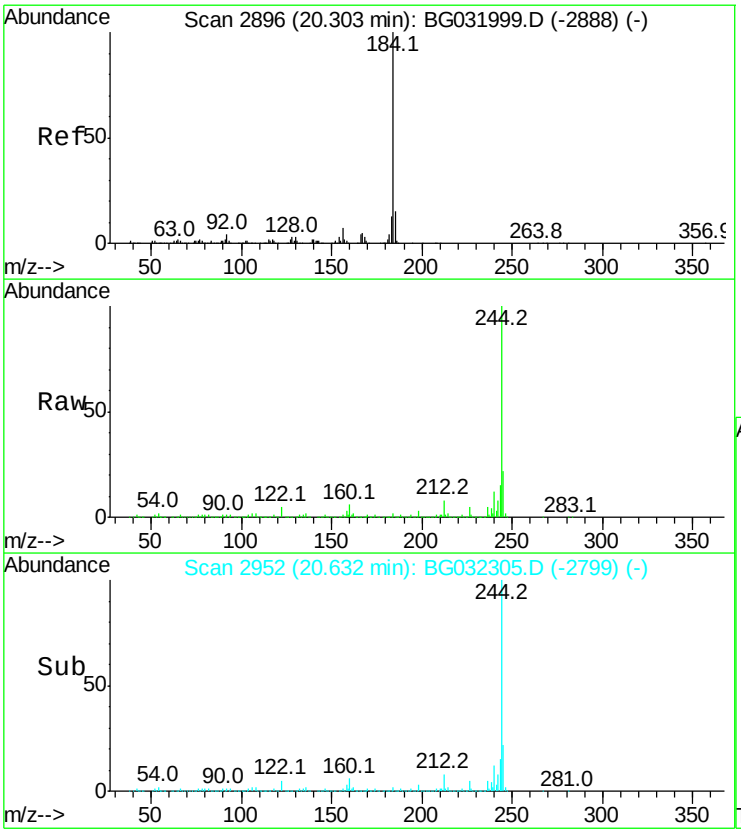
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.42 min Scan# 3256
Delta R.T. -0.01 min
Lab File: BG032305.D
Acq: 25 Jan 2018 22:25

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 375456

Ion	Ratio	Lower	Upper
240	100		
120	3.9	6.8	10.2#
236	24.3	20.9	31.3

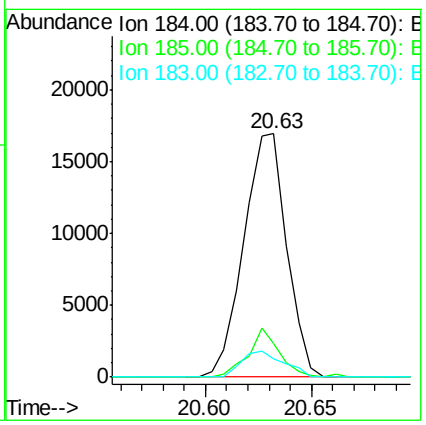


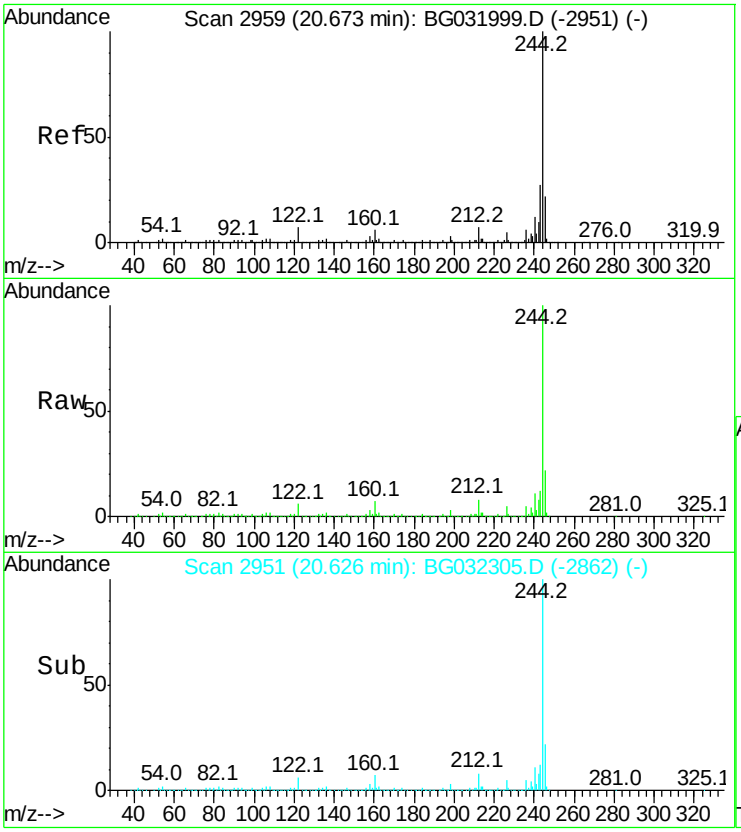


#76
Benzidine
Concen: 2.544 ng
RT: 20.63 min Scan# 2952
Delta R.T. 0.37 min
Lab File: BG032305.D
Acq: 25 Jan 2018 22:25

Tgt Ion:184 Resp: 23884

Ion	Ratio	Lower	Upper
184	100		
185	14.1	11.1	16.7
183	7.3	10.6	16.0#



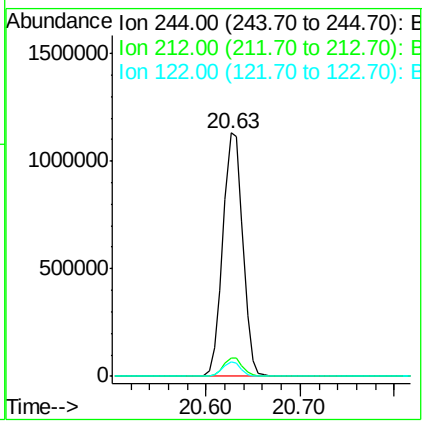


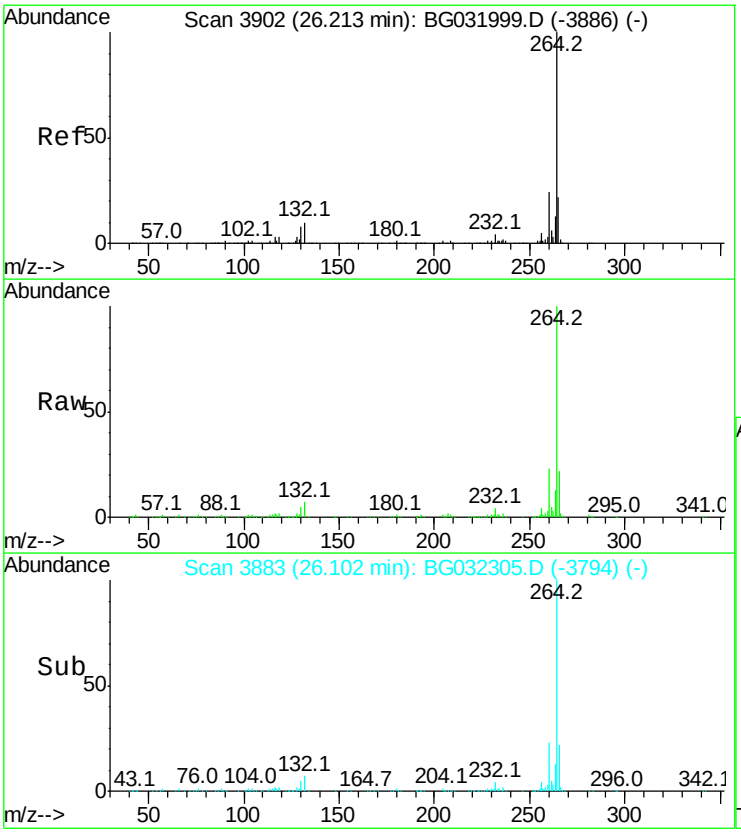
#78
Terphenyl-d14
Concen: 98.359 ng
RT: 20.63 min Scan# 2951
Delta R.T. -0.01 min
Lab File: BG032305.D
Acq: 25 Jan 2018 22:25

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1672493

Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.8	8.8
122	6.1	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.10 min Scan# 3883
Delta R.T. -0.01 min
Lab File: BG032305.D
Acq: 25 Jan 2018 22:25

Tgt Ion:264 Resp: 397462

Ion	Ratio	Lower	Upper
264	100		
260	23.2	17.4	26.0
265	21.7	17.7	26.5