Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA G\DATA\BG011918\
Data File : BG032174.D
Acq On : 20 Jan 2018 7:00
Operator : SJ/JU
Sample : J1171-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jan 21 23:59:19 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 18 10:13:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.74	152	42320	20.00	ng	0.00
21) Naphthalene-d8	11.62	136	159434	20.00	ng	0.00
38) Acenaphthene-d10	15.38	164	101997	20.00	ng	0.00
63) Phenanthrene-d10	18.11	188	302070	20.00	ng	0.00
75) Chrysene-d12	22.45	240	425202	20.00	ng	0.00
86) Perylene-d12	26.15	264	432887	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.17	112	321292	138.85	ng	0.00
7) Phenol-d6	7.85	99	353434	121.28	ng	0.00
23) Nitrobenzene-d5	9.94	82	259556	110.14	ng	0.00
41) 2,4,6-Tribromophenol	16.85	330	308378	182.71	ng	0.00
44) 2-Fluorobiphenyl	14.00	172	871007	105.89	ng	0.00
78) Terphenyl-d14	20.65	244	1965942	102.09	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	9.07	79	4784	2.260	ng	# 31
19) n-Nitroso-di-n-propylamine	9.94	70	37708	20.854	ng	# 80
31) Naphthalene	11.68	128	57887	7.329	ng	98
32) Benzoic acid	11.22	122	56	5.284	ng	# 1
33) 4-Chloroaniline	11.67	127	8122	2.398	ng	# 28
50) 2,6-Dinitrotoluene	15.37	165	13639	7.362	ng	# 22
56) 2,4-Dinitrotoluene	15.37	165	13639	5.468	ng	# 20
64) 4,6-Dinitro-2-methylphenol	16.85	198	774	5.244	ng	# 7
66) 4-Bromophenyl-phenylether	16.85	248	26261	6.110	ng	# 1
76) Benzidine	20.65	184	29811	2.804	ng	# 93

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

Quantitation Report (Not Reviewed)

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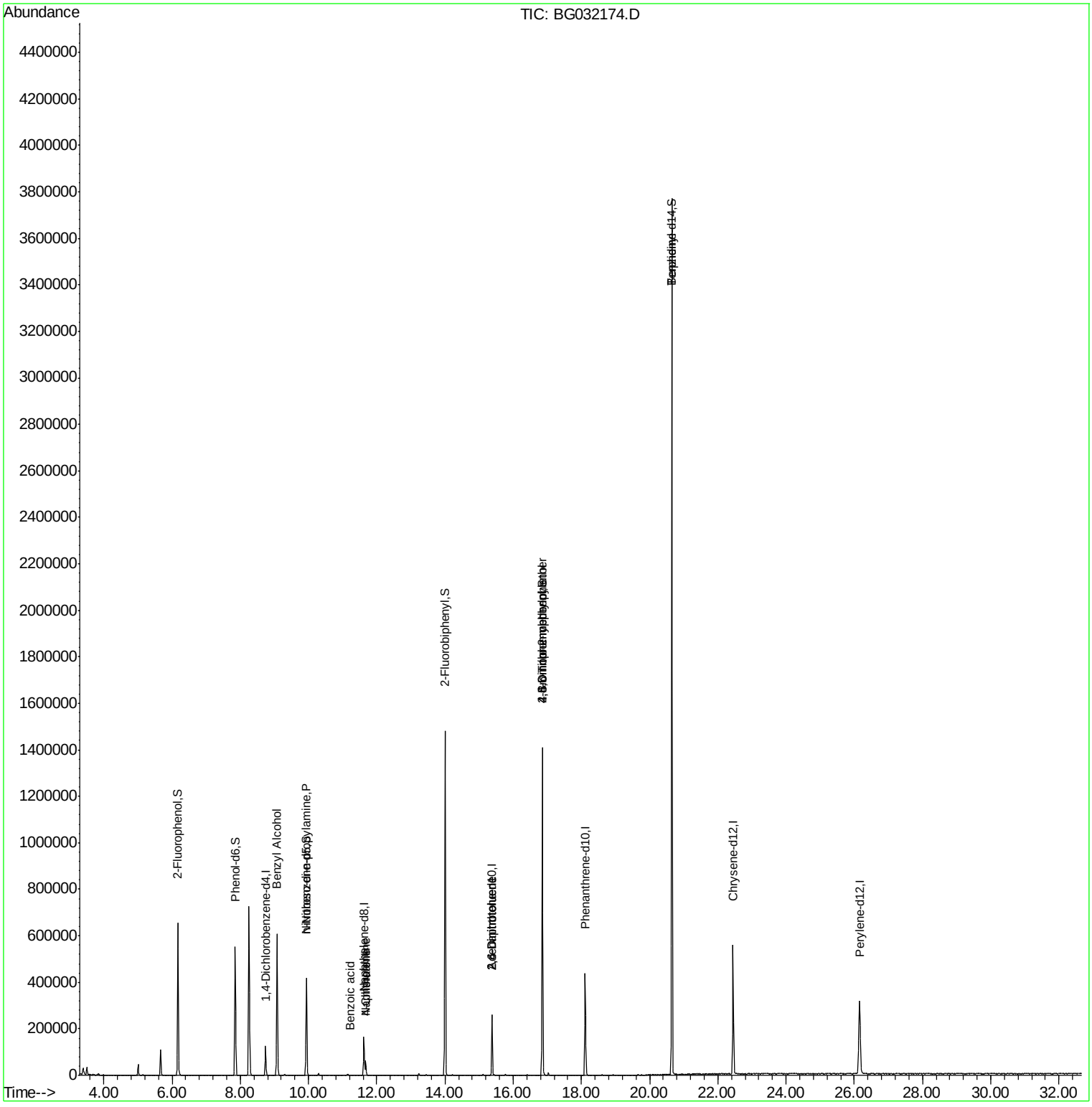
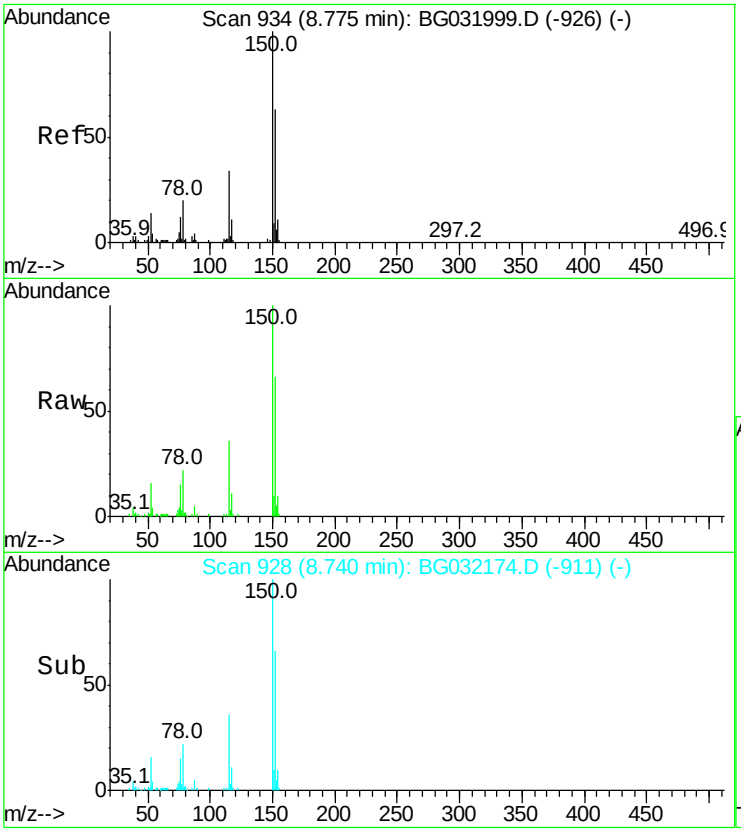


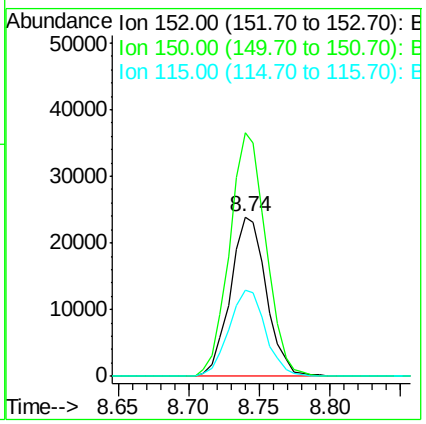


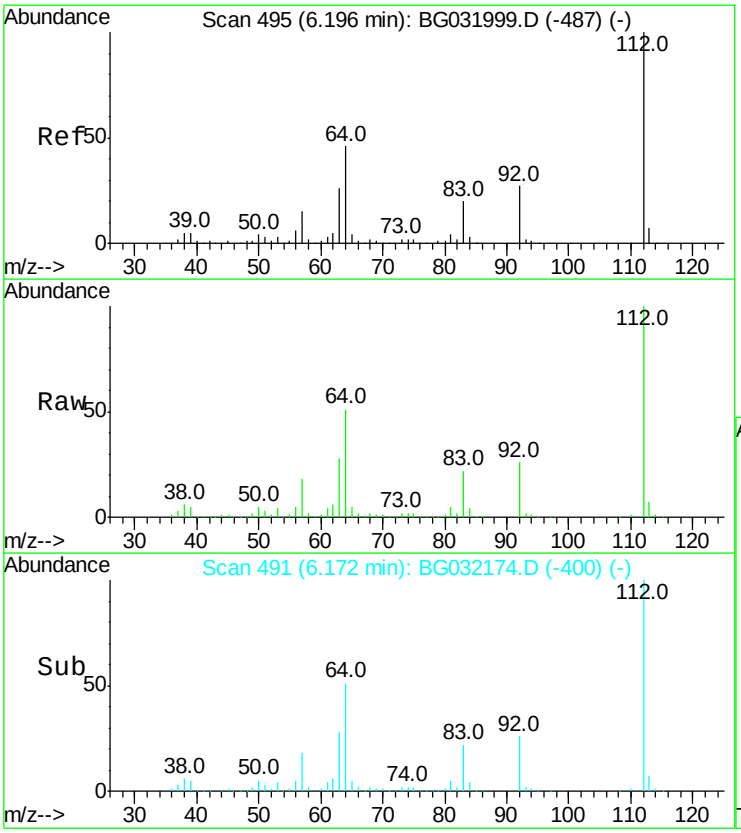
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.74 min Scan# 928
Delta R.T. -0.00 min
Lab File: BG032174.D
Acq: 20 Jan 2018 7:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 42320

Ion	Ratio	Lower	Upper
152	100		
150	152.4	126.6	189.8
115	54.3	53.0	79.4

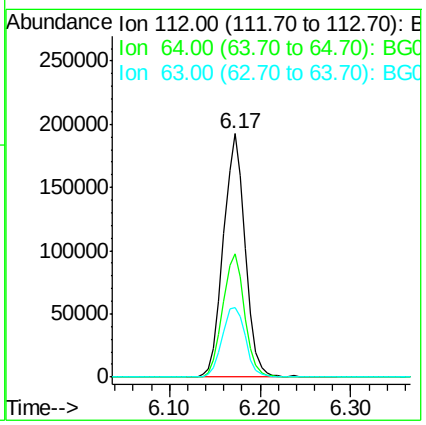


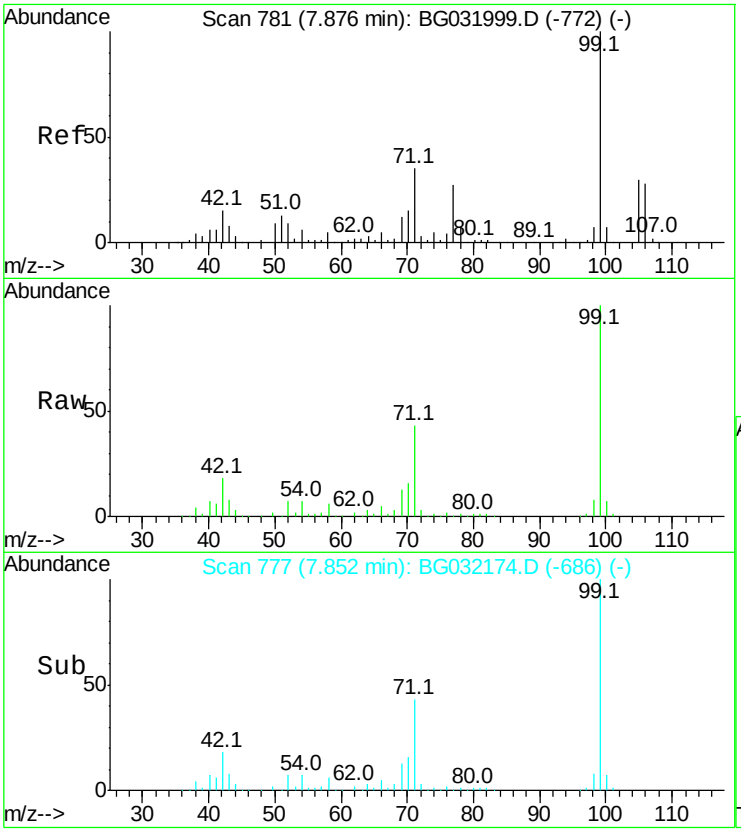


#5
2-Fluorophenol
Concen: 138.852 ng
RT: 6.17 min Scan# 491
Delta R.T. 0.00 min
Lab File: BG032174.D
Acq: 20 Jan 2018 7:00

Tgt Ion:112 Resp: 321292

Ion	Ratio	Lower	Upper
112	100		
64	50.9	56.3	84.5#
63	28.4	30.1	45.1#



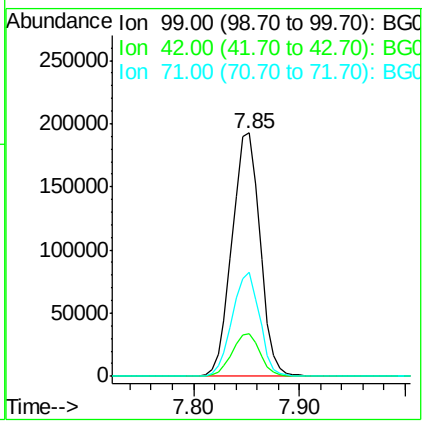


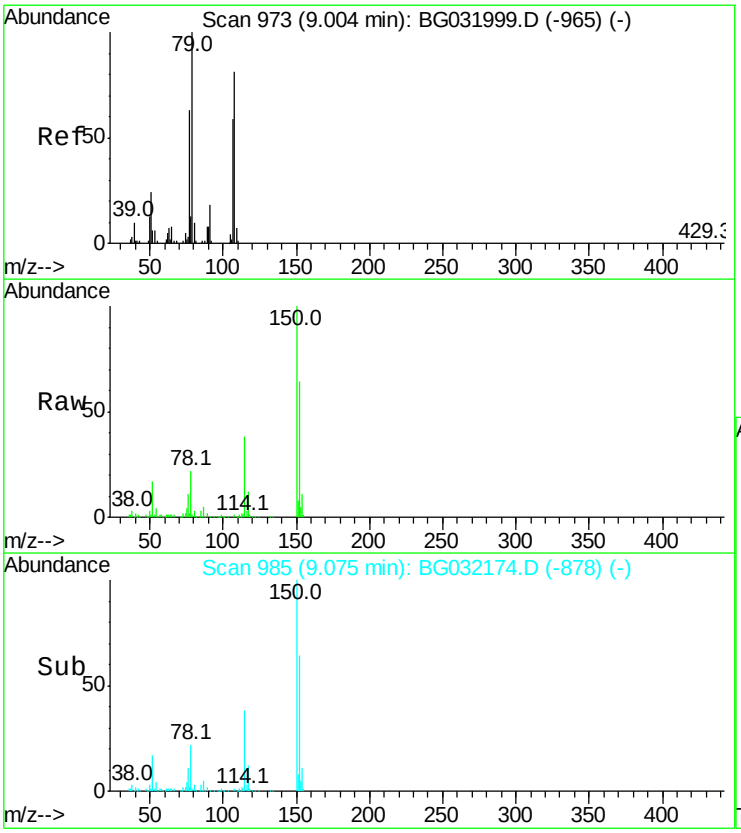
#7
Phenol-d6
Concen: 121.279 ng
RT: 7.85 min Scan# 777
Delta R.T. 0.00 min
Lab File: BG032174.D
Acq: 20 Jan 2018 7:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 353434

Ion	Ratio	Lower	Upper
99	100		
42	17.5	14.1	21.1
71	42.6	26.1	39.1#

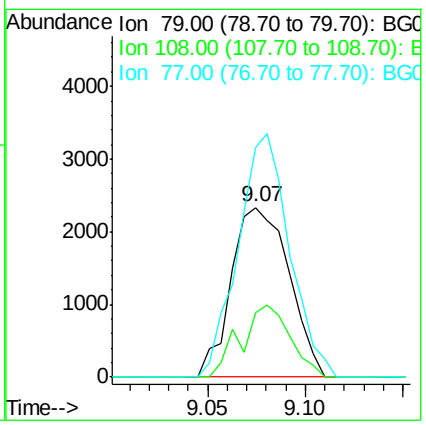


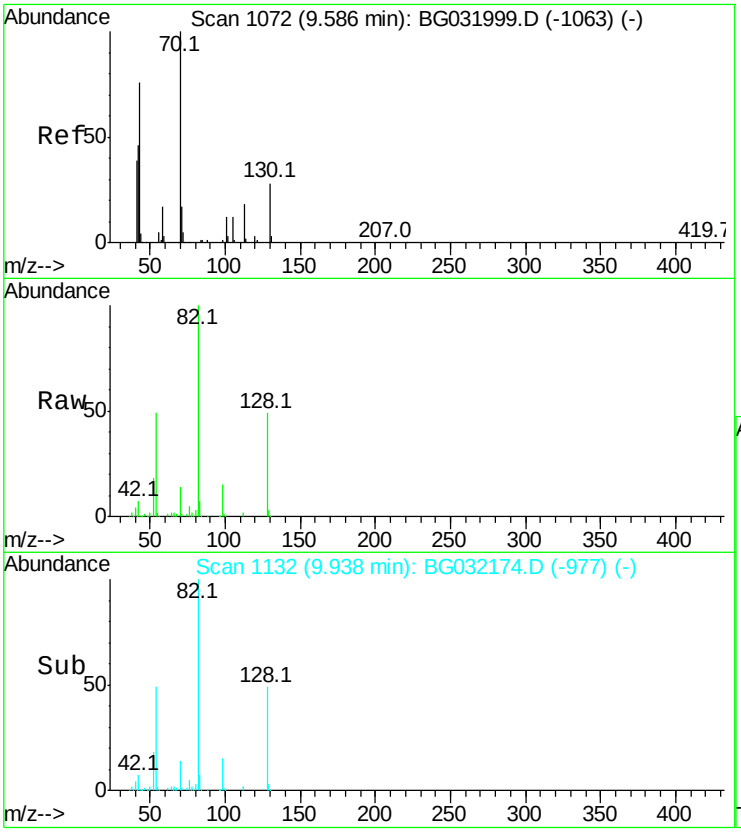


#15
Benzyl Alcohol
Concen: 2.260 ng
RT: 9.07 min Scan# 985
Delta R.T. 0.10 min
Lab File: BG032174.D
Acq: 20 Jan 2018 7:00

Tgt Ion: 79 Resp: 4784

Ion	Ratio	Lower	Upper
79	100		
108	38.2	57.2	85.8#
77	135.2	46.1	69.1#



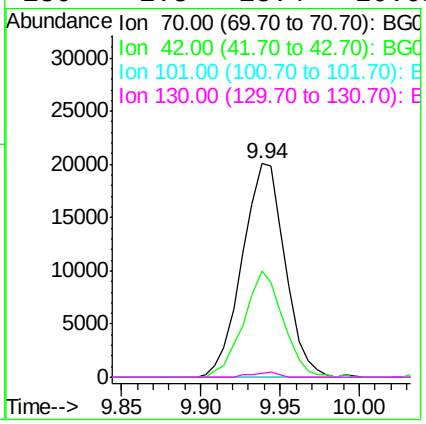


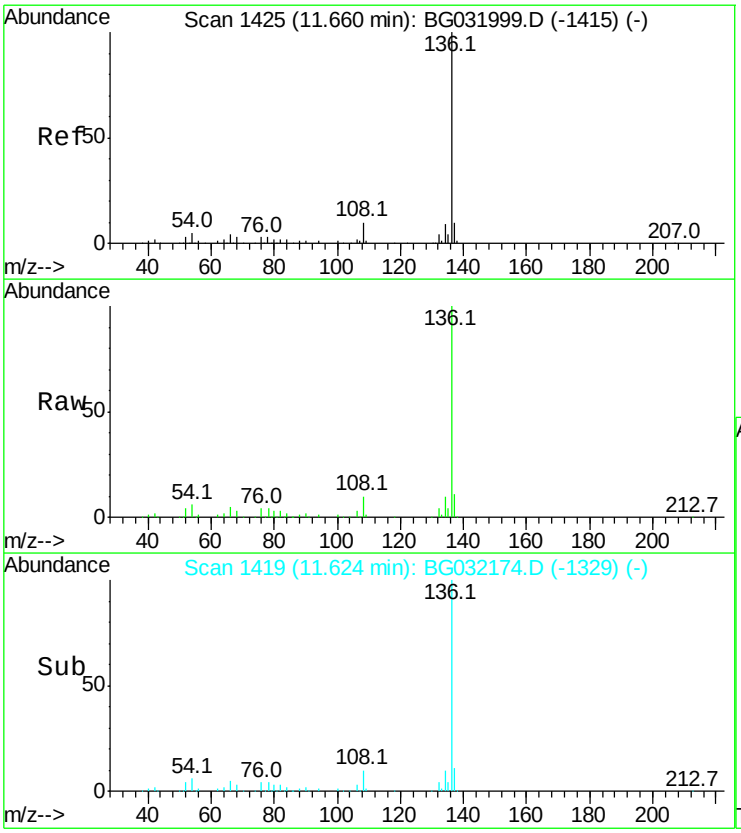
#19
n-Nitroso-di-n-propylamine
Concen: 20.854 ng
RT: 9.94 min Scan# 1132
Delta R.T. 0.38 min
Lab File: BG032174.D
Acq: 20 Jan 2018 7:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 37708

Ion	Ratio	Lower	Upper
70	100		
42	49.9	49.1	73.7
101	0.0	8.5	12.7#
130	1.8	13.4	20.0#

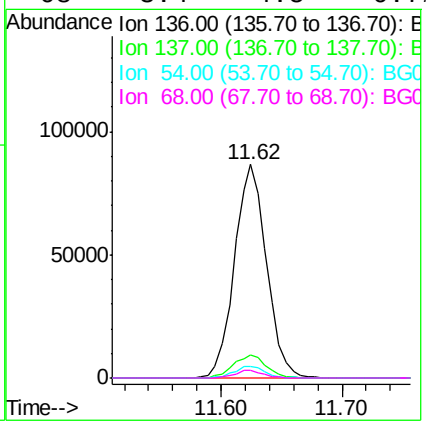


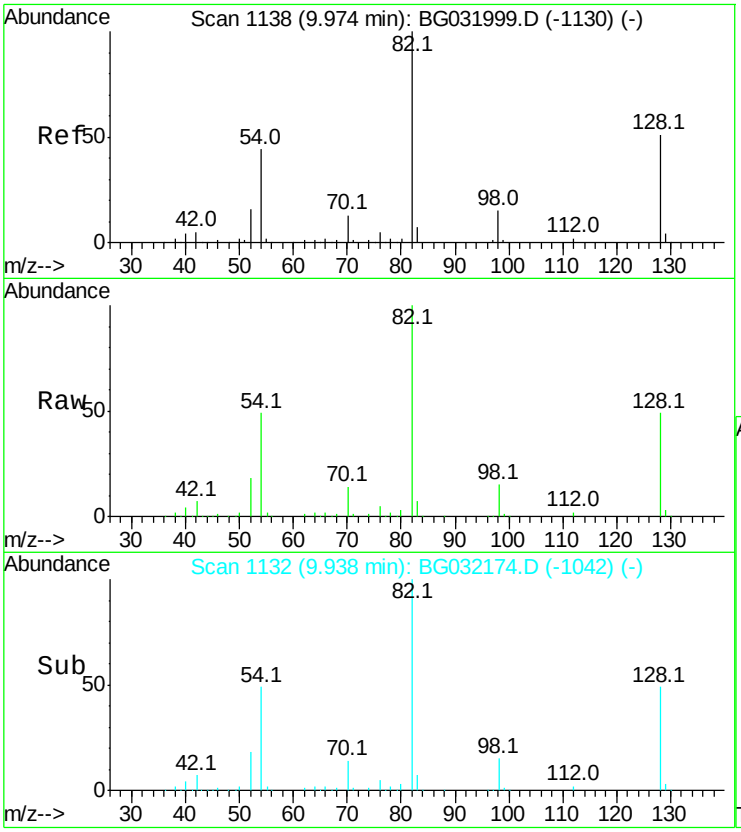


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.62 min Scan# 1419
Delta R.T. -0.00 min
Lab File: BG032174.D
Acq: 20 Jan 2018 7:00

Tgt Ion:136 Resp: 159434

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	5.5	10.3	15.5#
68	3.4	4.5	6.7#



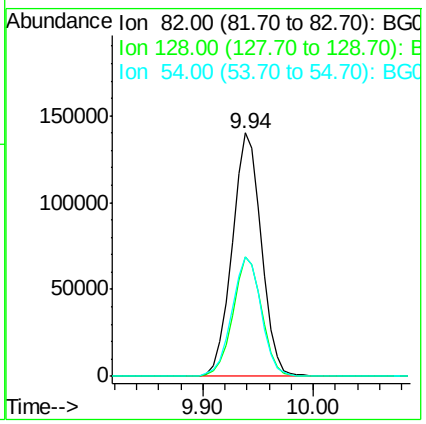


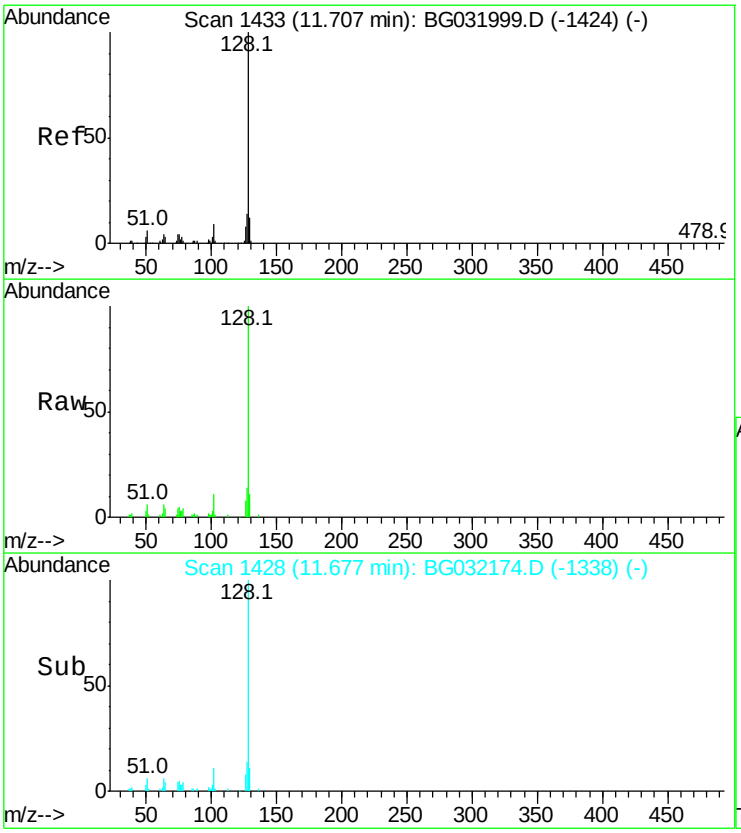
#23
Nitrobenzene-d5
Concen: 110.140 ng
RT: 9.94 min Scan# 1132
Delta R.T. -0.00 min
Lab File: BG032174.D
Acq: 20 Jan 2018 7:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 259556

Ion	Ratio	Lower	Upper
82	100		
128	49.3	29.7	44.5#
54	48.9	43.1	64.7

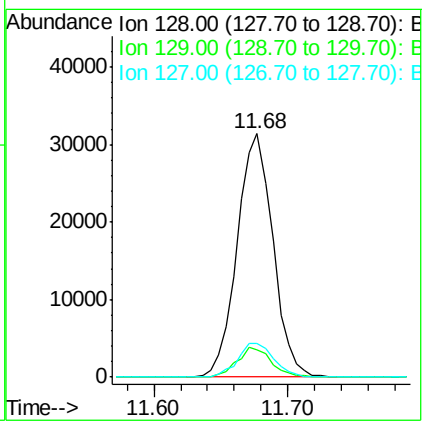


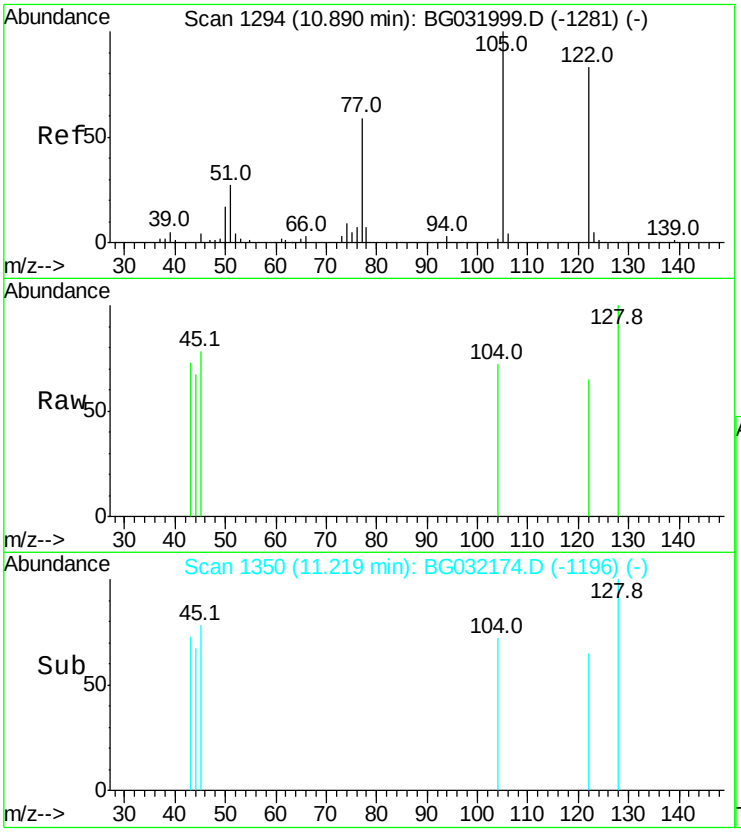


#31
Naphthalene
Concen: 7.329 ng
RT: 11.68 min Scan# 1428
Delta R.T. -0.00 min
Lab File: BG032174.D
Acq: 20 Jan 2018 7:00

Tgt Ion:128 Resp: 57887

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.6	12.8
127	13.8	11.6	17.4



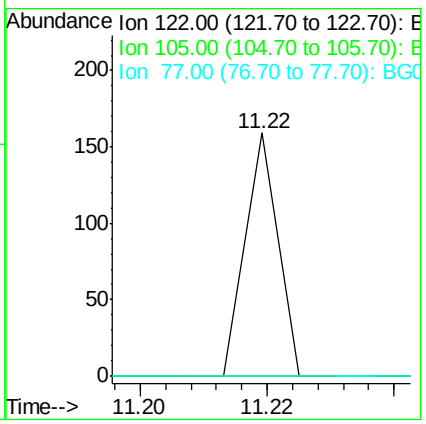


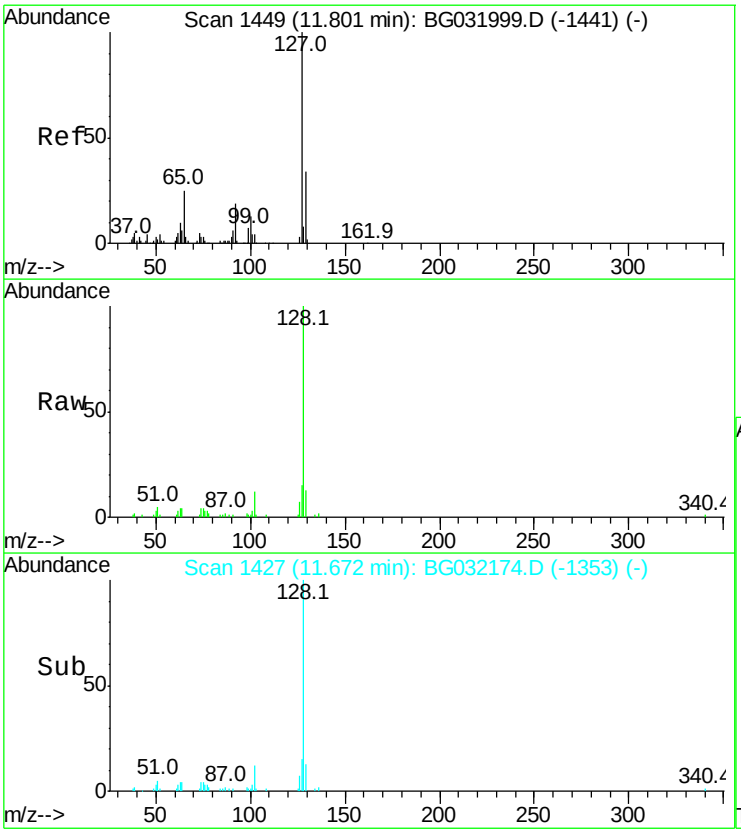
#32
Benzoic acid
Concen: 5.284 ng
RT: 11.22 min Scan# 1350
Delta R.T. 0.37 min
Lab File: BG032174.D
Acq: 20 Jan 2018 7:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:122 Resp: 56

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

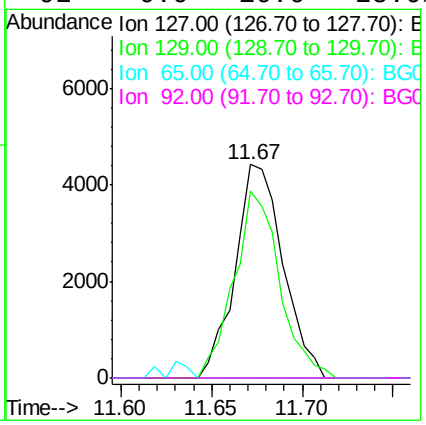


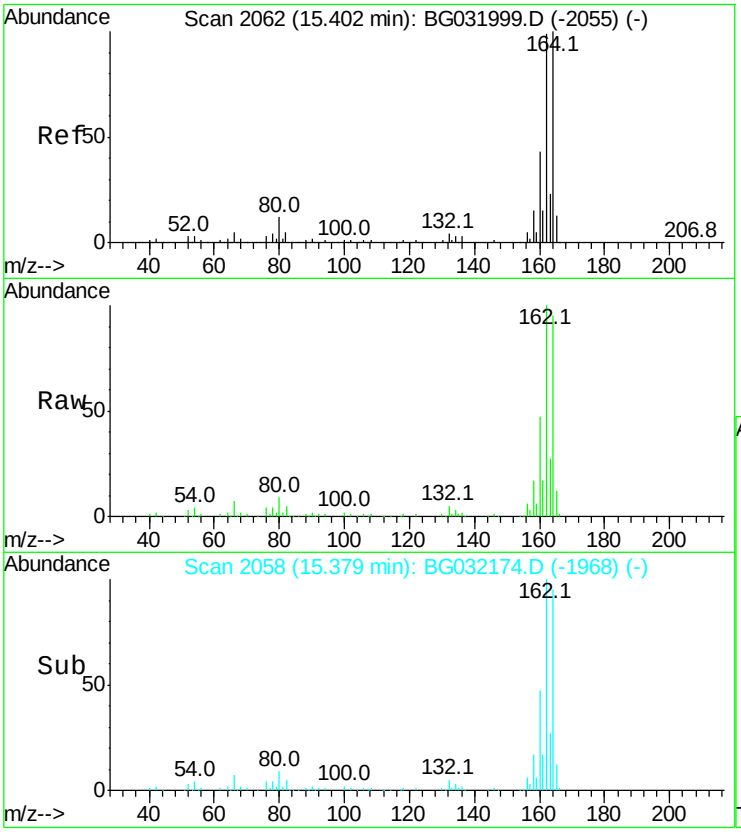


#33
4-Chloroaniline
Concen: 2.398 ng
RT: 11.67 min Scan# 1427
Delta R.T. -0.10 min
Lab File: BG032174.D
Acq: 20 Jan 2018 7:00

Tgt Ion:127 Resp: 8122

Ion	Ratio	Lower	Upper
127	100		
129	87.6	24.0	36.0#
65	0.0	27.0	40.4#
92	0.0	16.6	25.0#



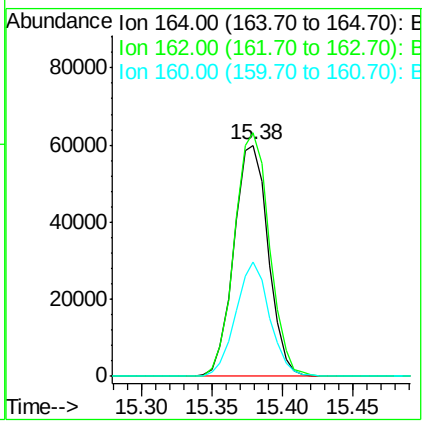


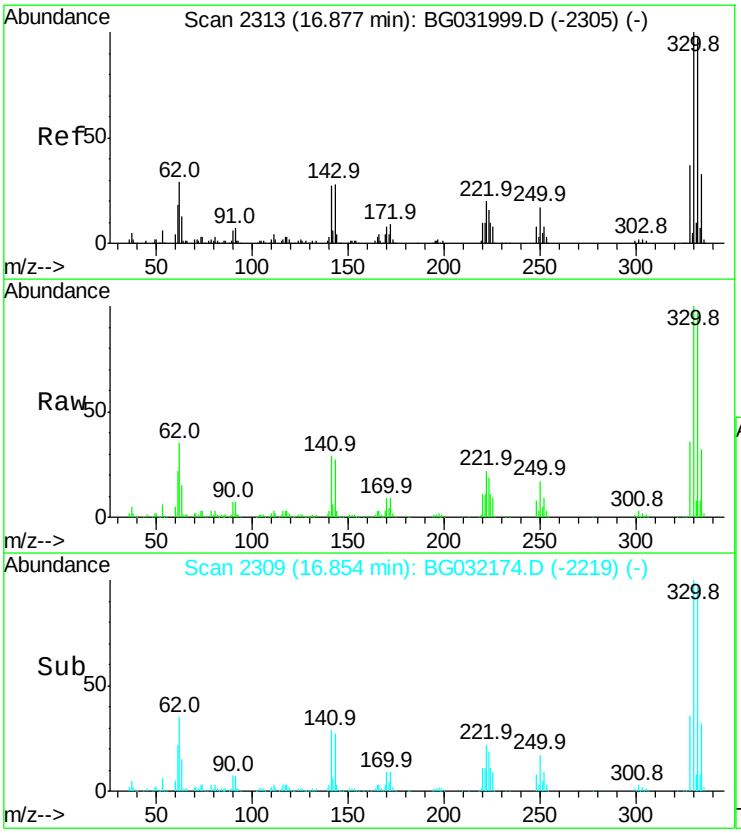
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.38 min Scan# 2058
Delta R.T. -0.00 min
Lab File: BG032174.D
Acq: 20 Jan 2018 7:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 101997

Ion	Ratio	Lower	Upper
164	100		
162	105.3	78.8	118.2
160	49.7	35.4	53.0

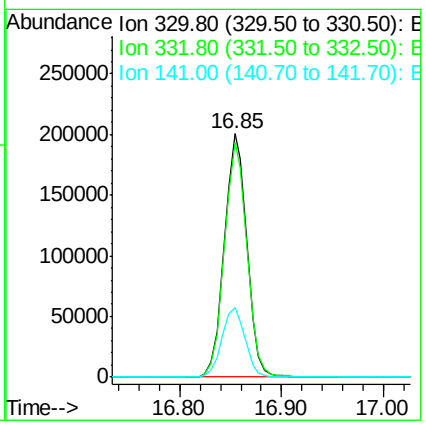


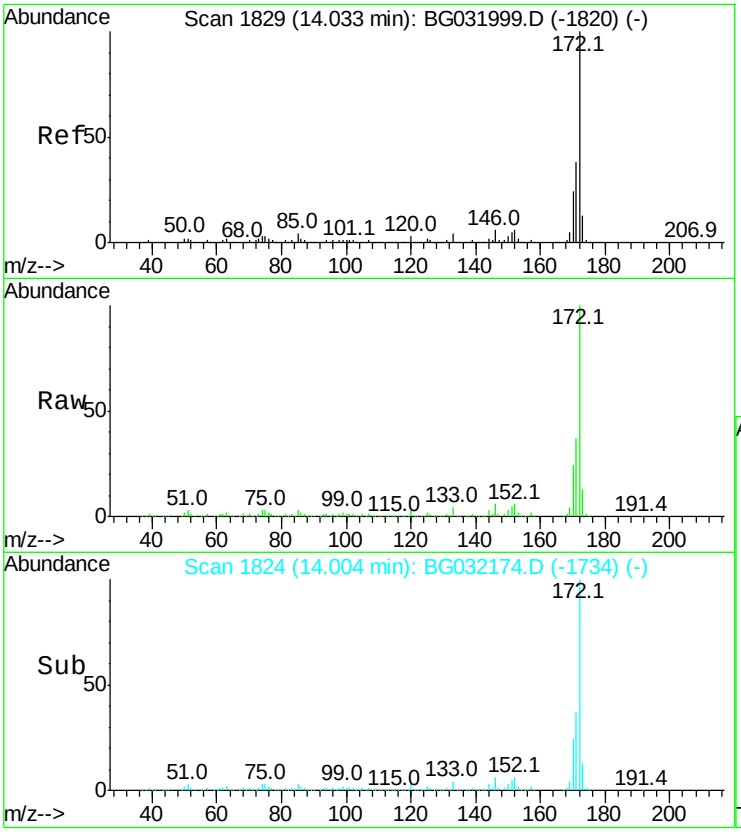


#41
2,4,6-Tribromophenol
Concen: 182.709 ng
RT: 16.85 min Scan# 2309
Delta R.T. -0.00 min
Lab File: BG032174.D
Acq: 20 Jan 2018 7:00

Tgt Ion:330 Resp: 308378

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	29.3	25.2	37.8



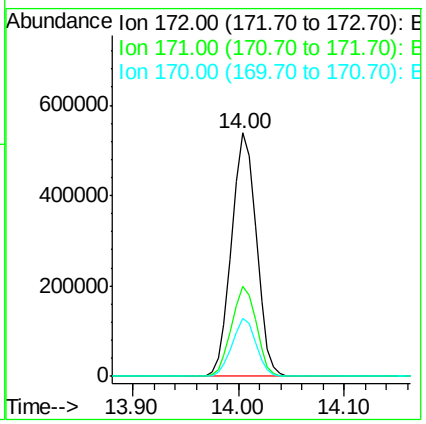


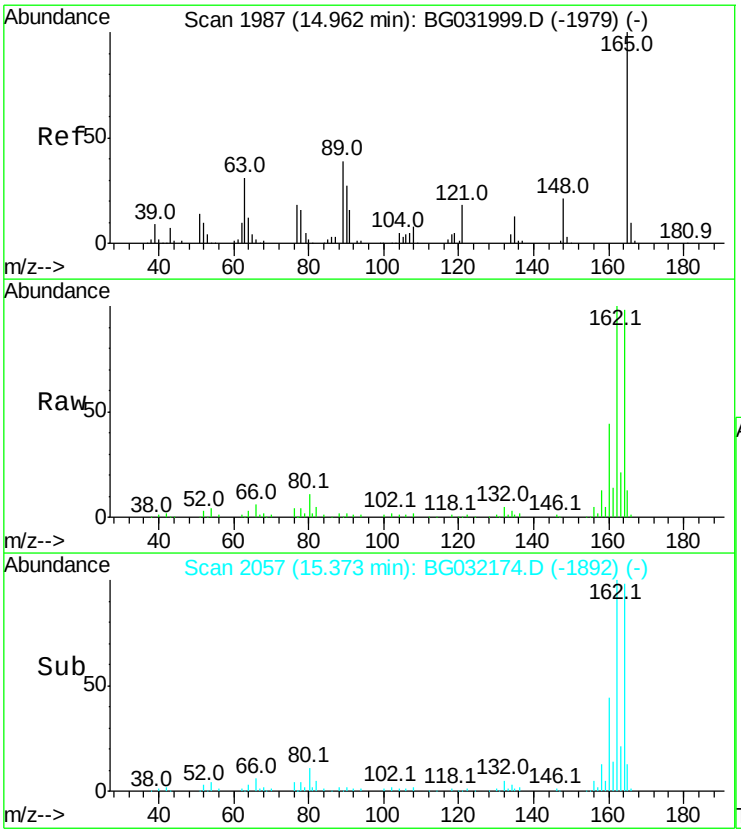
#44
2-Fluorobiphenyl
Concen: 105.886 ng
RT: 14.00 min Scan# 1824
Delta R.T. -0.00 min
Lab File: BG032174.D
Acq: 20 Jan 2018 7:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 871007

Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.0	45.0
170	23.8	19.5	29.3

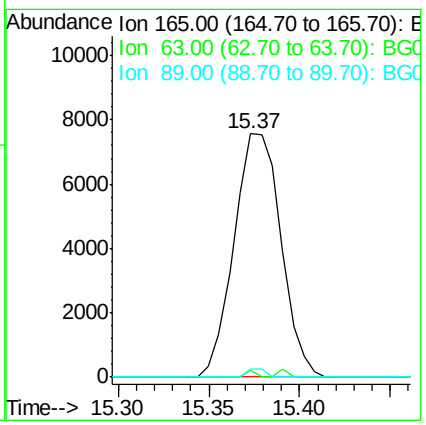


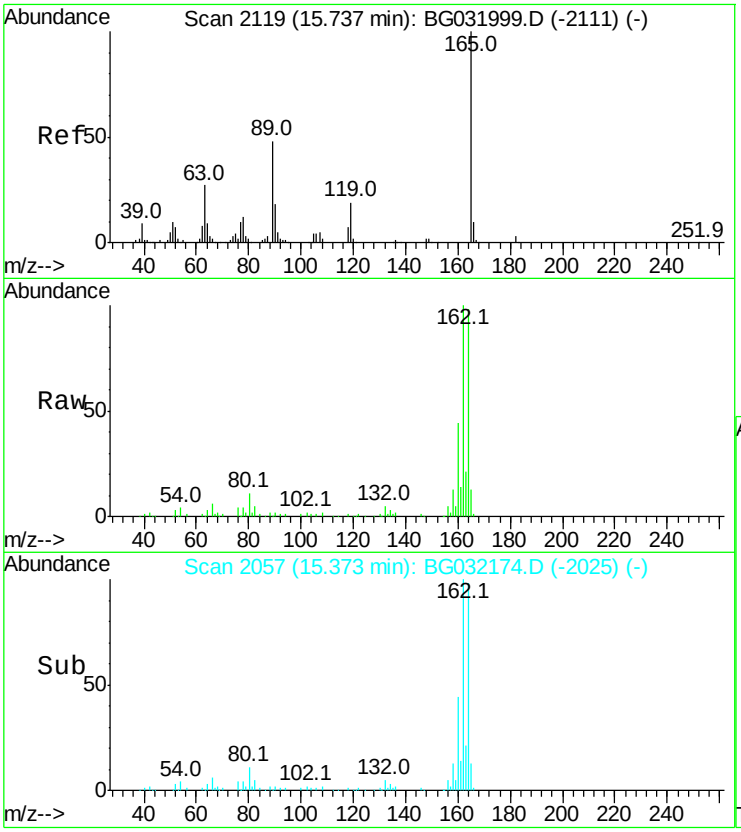


#50
2,6-Dinitrotoluene
Concen: 7.362 ng
RT: 15.37 min Scan# 2057
Delta R.T. 0.44 min
Lab File: BG032174.D
Acq: 20 Jan 2018 7:00

Tgt Ion:165 Resp: 13639

Ion	Ratio	Lower	Upper
165	100		
63	3.0	52.7	79.1#
89	3.3	49.2	73.8#



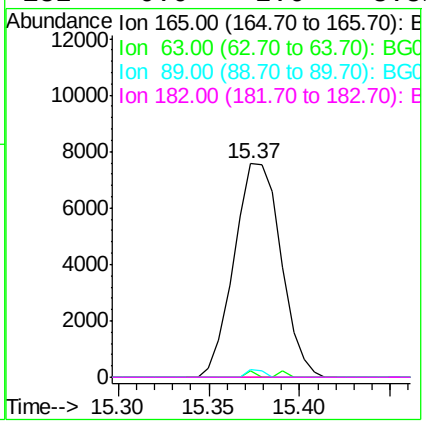


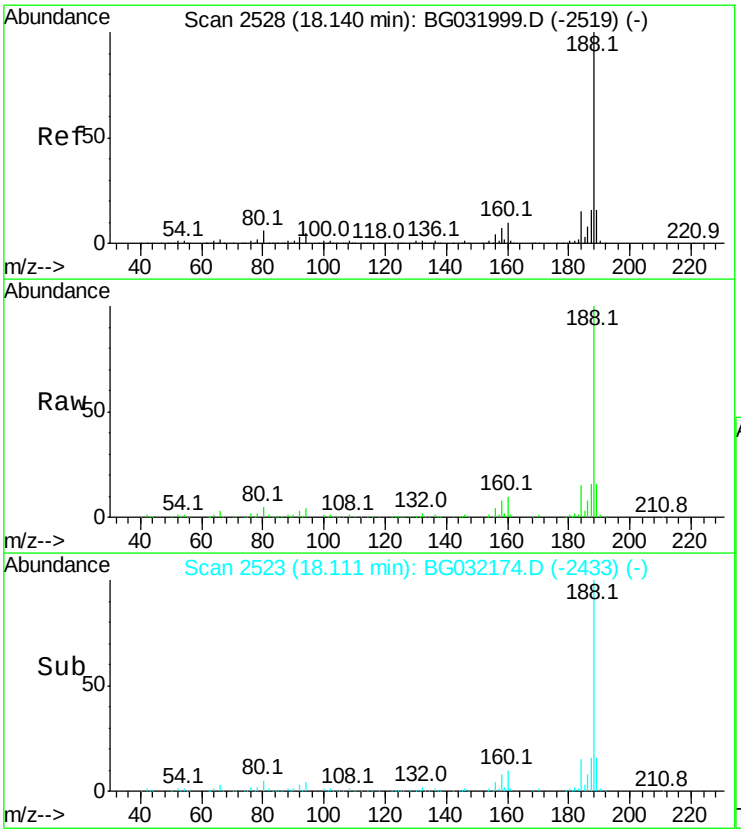
#56
2,4-Dinitrotoluene
Concen: 5.468 ng
RT: 15.37 min Scan# 2057
Delta R.T. -0.34 min
Lab File: BG032174.D
Acq: 20 Jan 2018 7:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 13639

Ion	Ratio	Lower	Upper
165	100		
63	3.0	42.0	63.0#
89	3.3	66.9	100.3#
182	0.0	2.6	3.8#

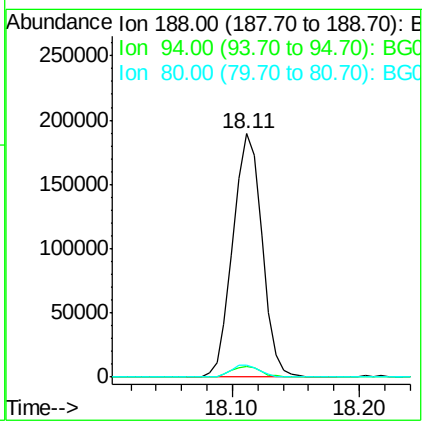


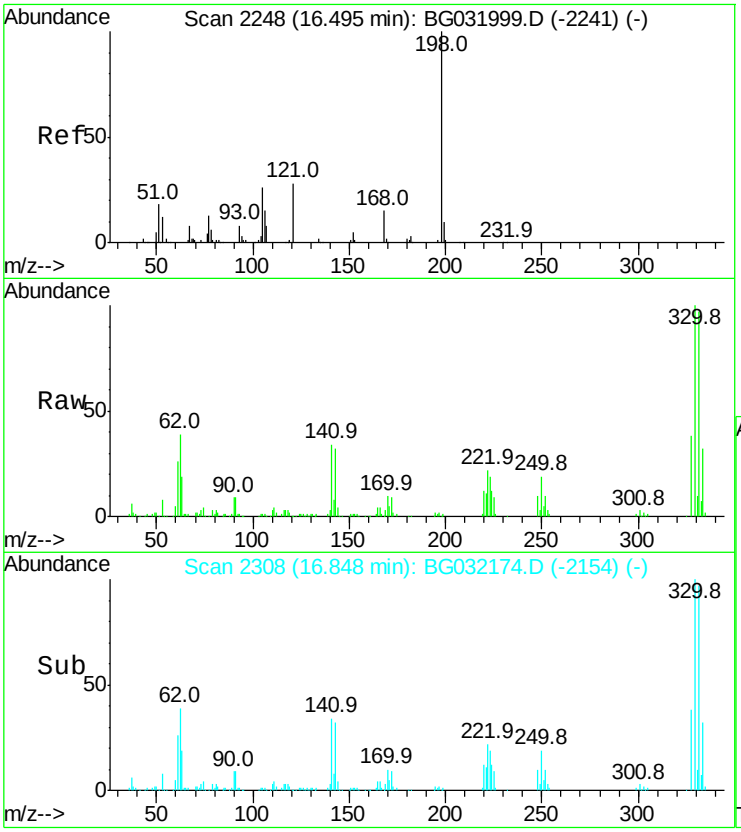


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.11 min Scan# 2523
Delta R.T. -0.00 min
Lab File: BG032174.D
Acq: 20 Jan 2018 7:00

Tgt Ion:188 Resp: 302070

Ion	Ratio	Lower	Upper
188	100		
94	4.5	6.9	10.3#
80	4.7	7.7	11.5#



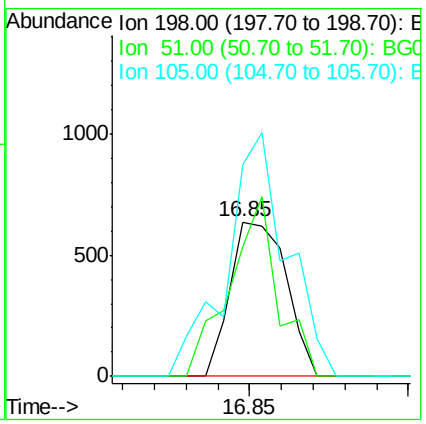


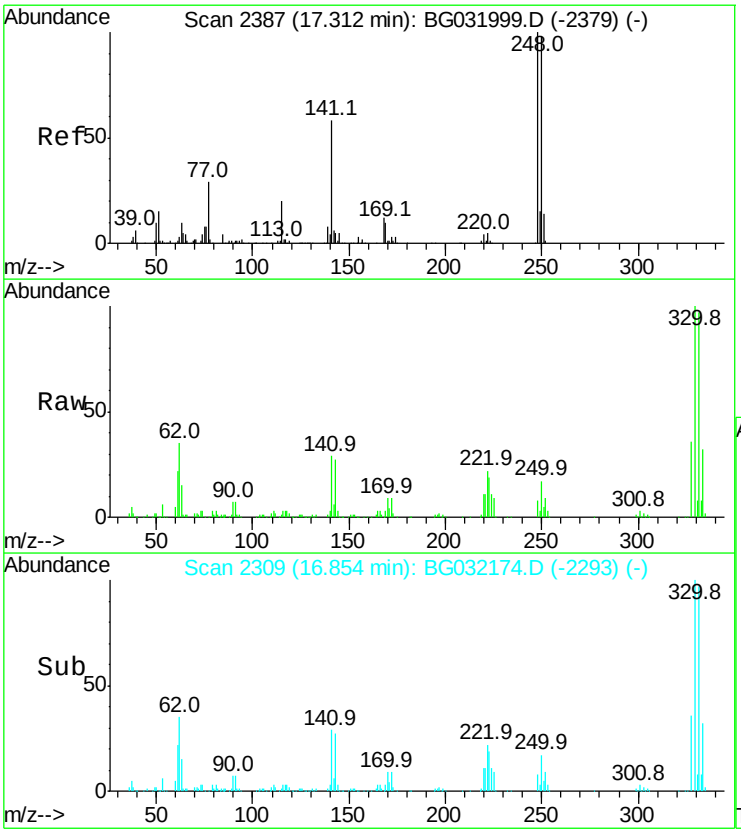
#64
4,6-Dinitro-2-methylphenol
Concen: 5.244 ng
RT: 16.85 min Scan# 2308
Delta R.T. 0.37 min
Lab File: BG032174.D
Acq: 20 Jan 2018 7:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:198 Resp: 774

Ion	Ratio	Lower	Upper
198	100		
51	84.3	30.6	70.6#
105	137.4	23.8	63.8#

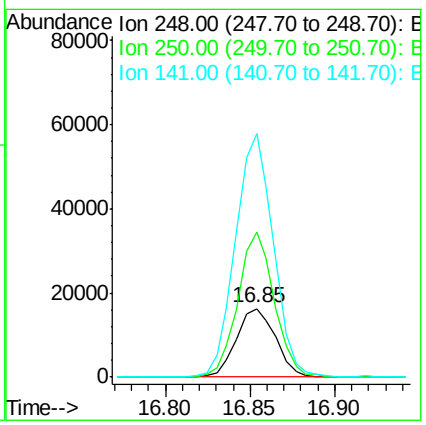


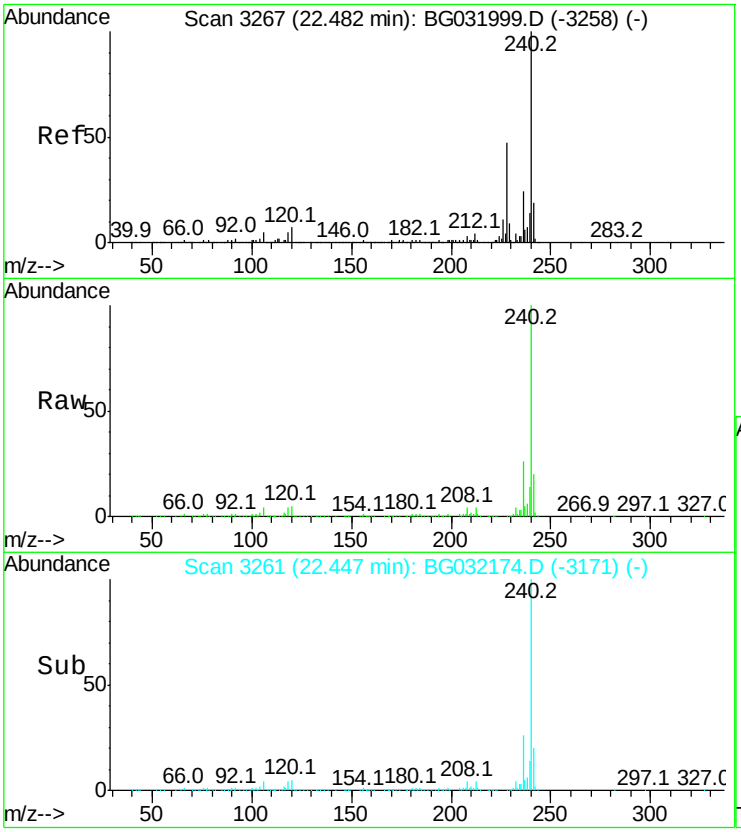


#66
4-Bromophenyl-phenylether
Concen: 6.110 ng
RT: 16.85 min Scan# 2309
Delta R.T. -0.44 min
Lab File: BG032174.D
Acq: 20 Jan 2018 7:00

Tgt Ion:248 Resp: 26261

Ion	Ratio	Lower	Upper
248	100		
250	211.8	77.1	115.7#
141	354.2	50.8	76.2#



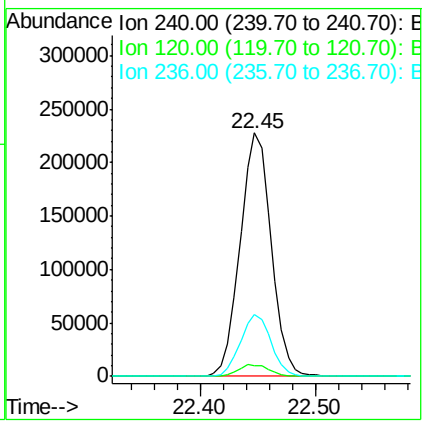


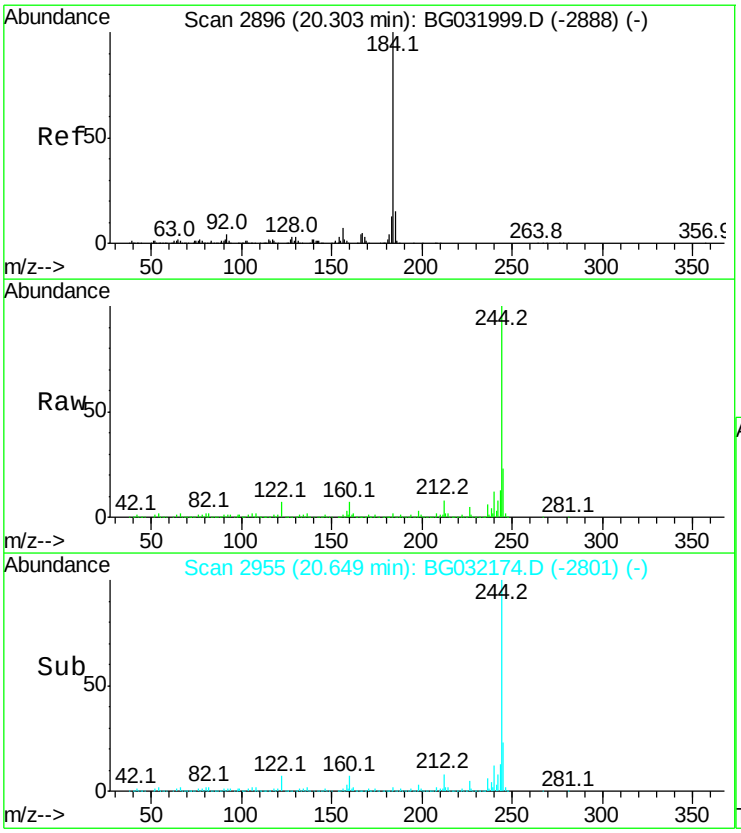
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.45 min Scan# 3261
Delta R.T. -0.00 min
Lab File: BG032174.D
Acq: 20 Jan 2018 7:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 425202

Ion	Ratio	Lower	Upper
240	100		
120	4.6	6.8	10.2#
236	25.6	20.9	31.3

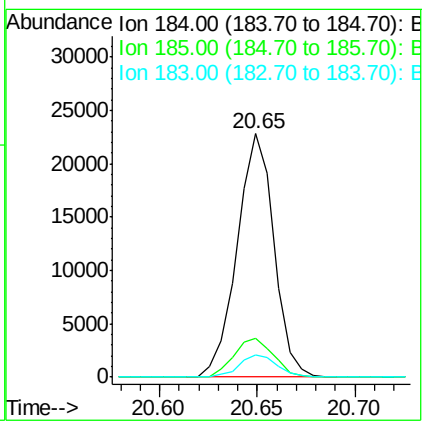


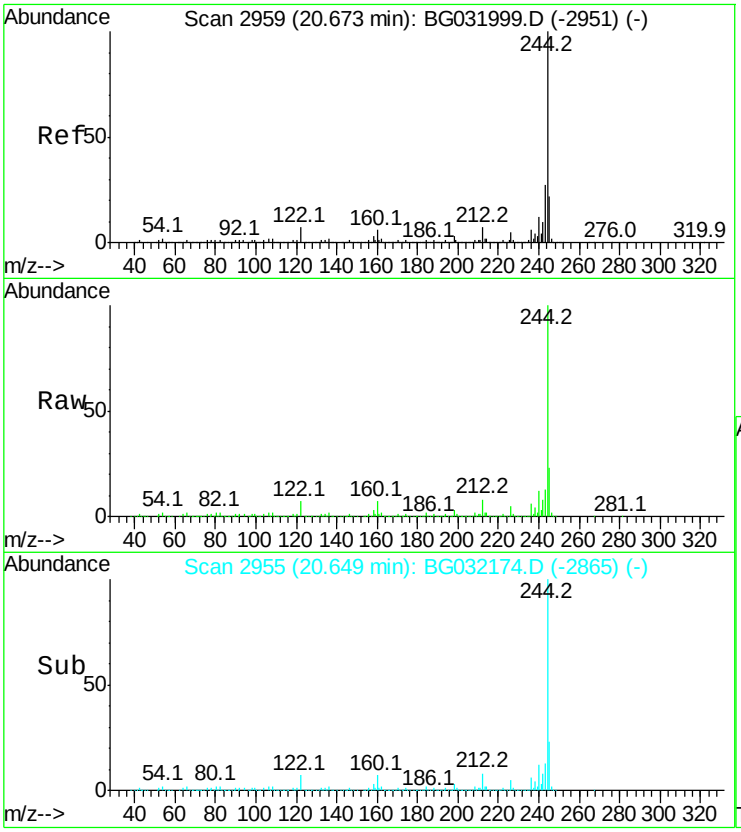


#76
Benzidine
Concen: 2.804 ng
RT: 20.65 min Scan# 2955
Delta R.T. 0.37 min
Lab File: BG032174.D
Acq: 20 Jan 2018 7:00

Tgt Ion:184 Resp: 29811

Ion	Ratio	Lower	Upper
184	100		
185	15.8	11.1	16.7
183	9.2	10.6	16.0#



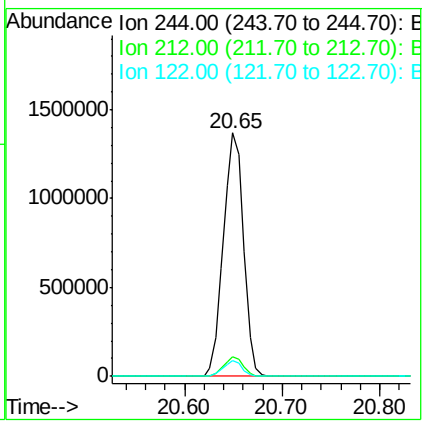


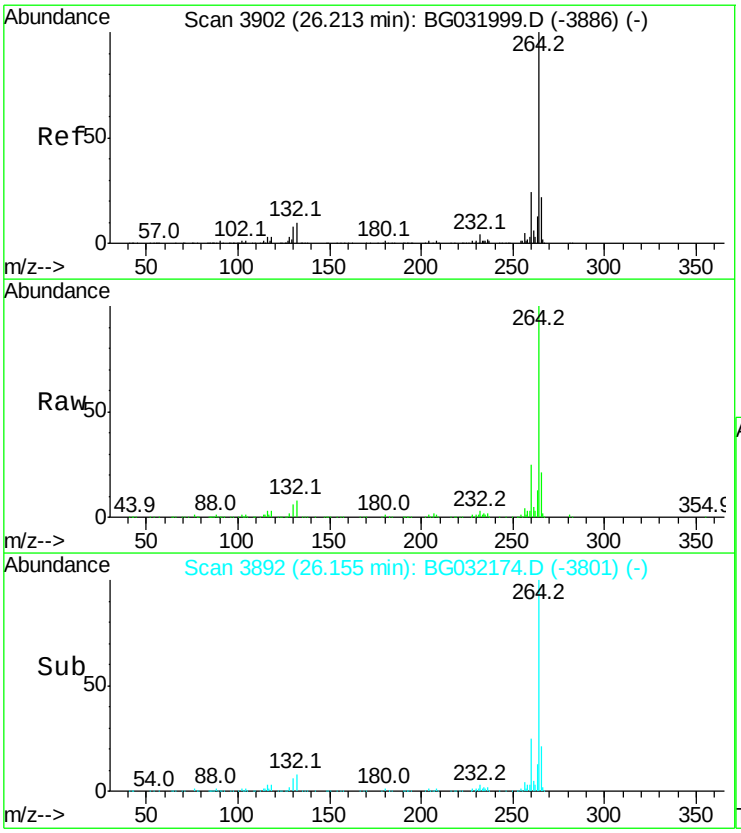
#78
Terphenyl-d14
Concen: 102.090 ng
RT: 20.65 min Scan# 2955
Delta R.T. -0.00 min
Lab File: BG032174.D
Acq: 20 Jan 2018 7:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1965942

Ion	Ratio	Lower	Upper
244	100		
212	8.3	5.8	8.8
122	6.5	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.15 min Scan# 3892
Delta R.T. 0.00 min
Lab File: BG032174.D
Acq: 20 Jan 2018 7:00

Tgt Ion:264 Resp: 432887

Ion	Ratio	Lower	Upper
264	100		
260	24.6	17.4	26.0
265	20.9	17.7	26.5