Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA G\DATA\BG012518\
Data File : BG032299.D
Acq On : 25 Jan 2018 18:40
Operator : SJ/JU
Sample : J1281-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jan 26 01:22:42 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	34060	20.00	ng	0.00
21) Naphthalene-d8	11.60	136	137360	20.00	ng	0.00
38) Acenaphthene-d10	15.36	164	103899	20.00	ng	0.00
63) Phenanthrene-d10	18.09	188	313388	20.00	ng	0.00
75) Chrysene-d12	22.42	240	387755	20.00	ng	0.00
86) Perylene-d12	26.10	264	414531	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	237568	127.57	ng	0.00
7) Phenol-d6	7.84	99	268844	114.62	ng	0.00
23) Nitrobenzene-d5	9.92	82	207500	102.20	ng	0.00
41) 2,4,6-Tribromophenol	16.83	330	301734	175.50	ng	0.00
44) 2-Fluorobiphenyl	13.98	172	779227	92.99	ng	0.00
78) Terphenyl-d14	20.63	244	1675154	95.39	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.49	88	2956	4.132	ng	# 1
15) Benzyl Alcohol	9.06	79	3947	2.317	ng	# 50
19) n-Nitroso-di-n-propylamine	9.92	70	30532	20.981	ng	# 72
31) Naphthalene	11.66	128	14916	2.192	ng	99
32) Benzoic acid	10.84	122	54	5.287	ng	# 43
50) 2,6-Dinitrotoluene	15.36	165	13397	7.099	ng	# 18
56) 2,4-Dinitrotoluene	15.36	165	13397	5.273	ng	# 16
64) 4,6-Dinitro-2-methylphenol	16.83	198	974	5.321	ng	# 29
66) 4-Bromophenyl-phenylether	16.83	248	25755	5.776	ng	# 1
76) Benzidine	20.26	184	320907	33.096	ng	99

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

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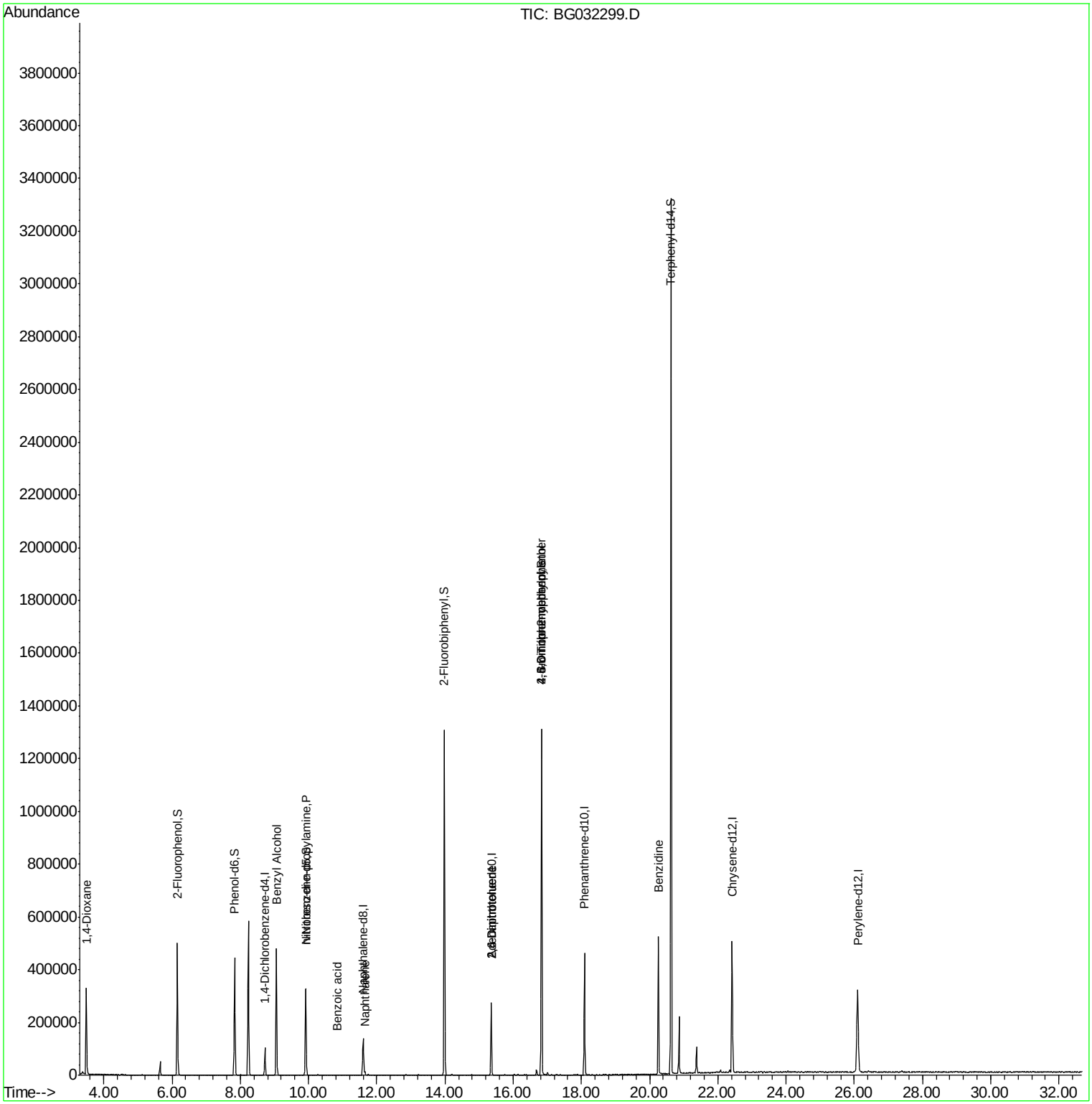
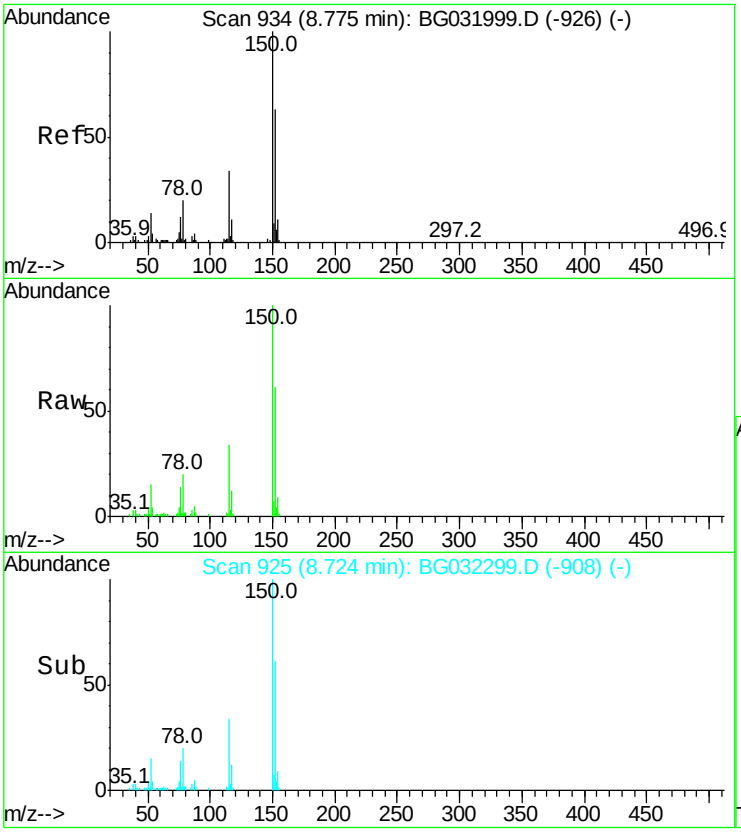


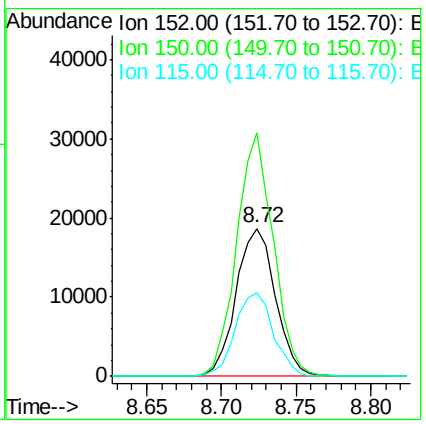


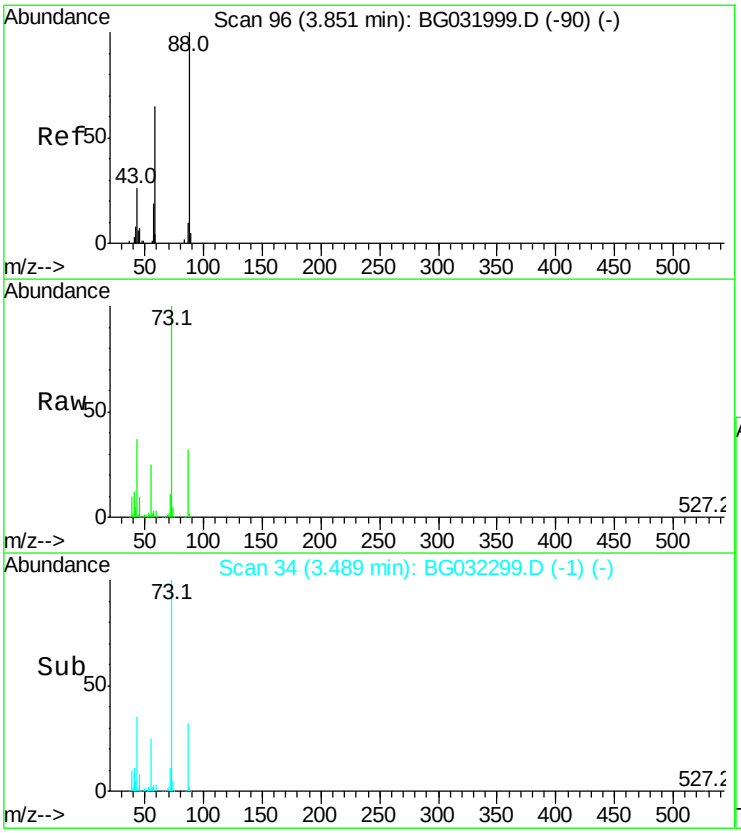
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.72 min Scan# 925
Delta R.T. 0.00 min
Lab File: BG032299.D
Acq: 25 Jan 2018 18:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 34060

Ion	Ratio	Lower	Upper
152	100		
150	164.4	126.6	189.8
115	56.6	53.0	79.4

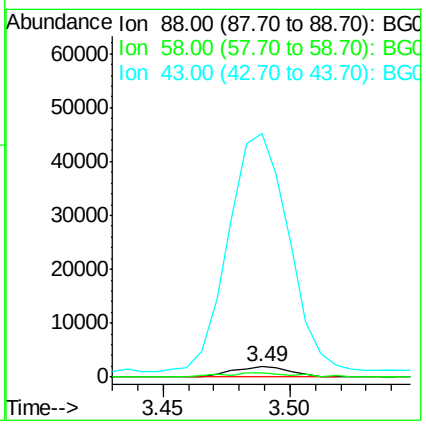


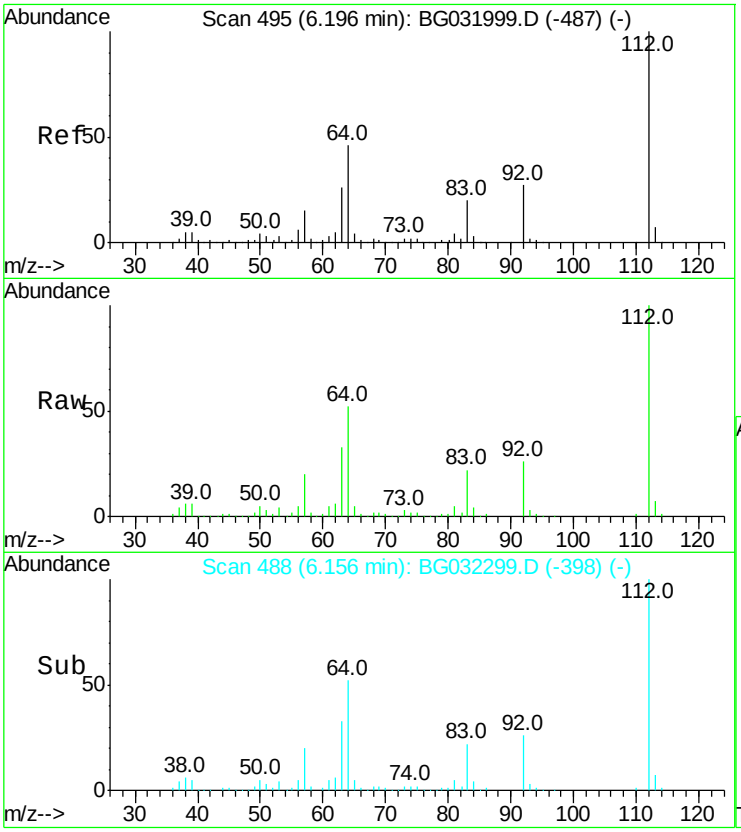


#2
1,4-Dioxane
Concen: 4.132 ng
RT: 3.49 min Scan# 34
Delta R.T. -0.33 min
Lab File: BG032299.D
Acq: 25 Jan 2018 18:40

Tgt Ion: 88 Resp: 2956

Ion	Ratio	Lower	Upper
88	100		
58	58.1	79.6	119.4#
43	2483.1	27.4	41.0#



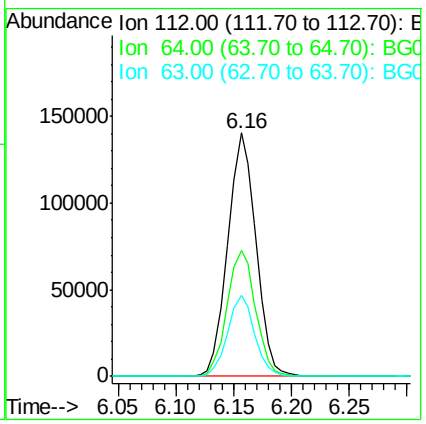


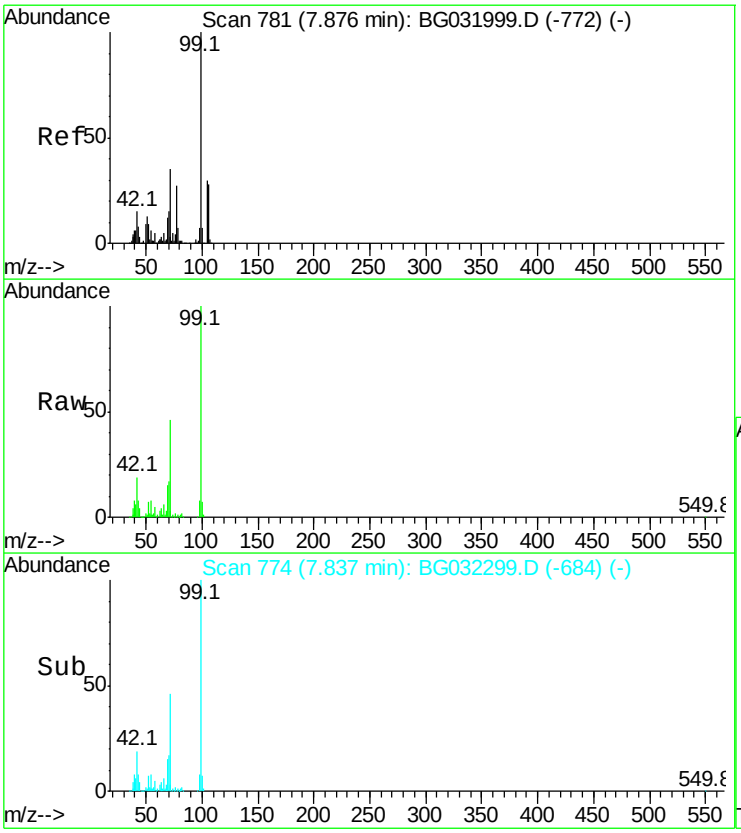
#5
2-Fluorophenol
Concen: 127.568 ng
RT: 6.16 min Scan# 488
Delta R.T. 0.00 min
Lab File: BG032299.D
Acq: 25 Jan 2018 18:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:112 Resp: 237568

Ion	Ratio	Lower	Upper
112	100		
64	51.8	56.3	84.5#
63	33.4	30.1	45.1

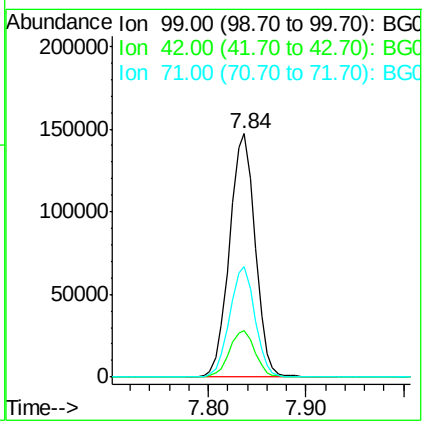


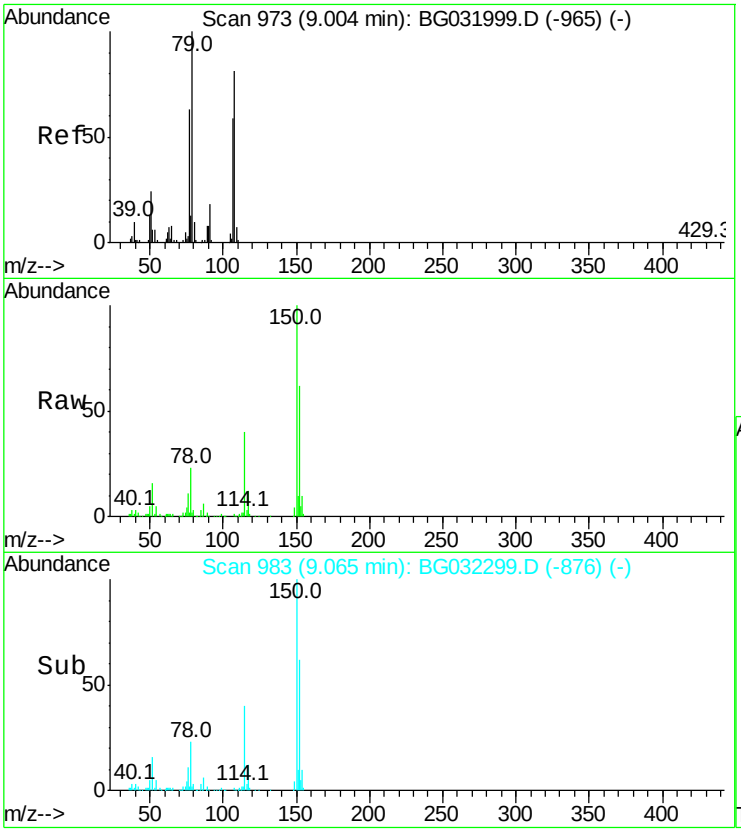


#7
Phenol-d6
Concen: 114.624 ng
RT: 7.84 min Scan# 774
Delta R.T. 0.00 min
Lab File: BG032299.D
Acq: 25 Jan 2018 18:40

Tgt Ion: 99 Resp: 268844

Ion	Ratio	Lower	Upper
99	100		
42	19.2	14.1	21.1
71	45.6	26.1	39.1#



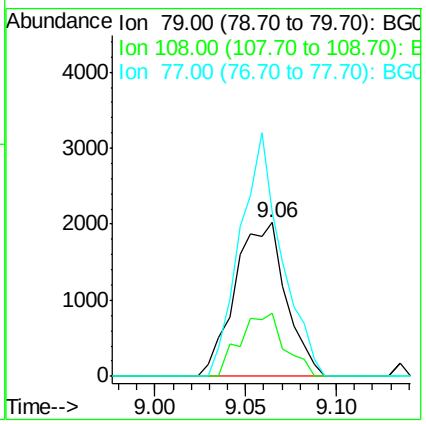


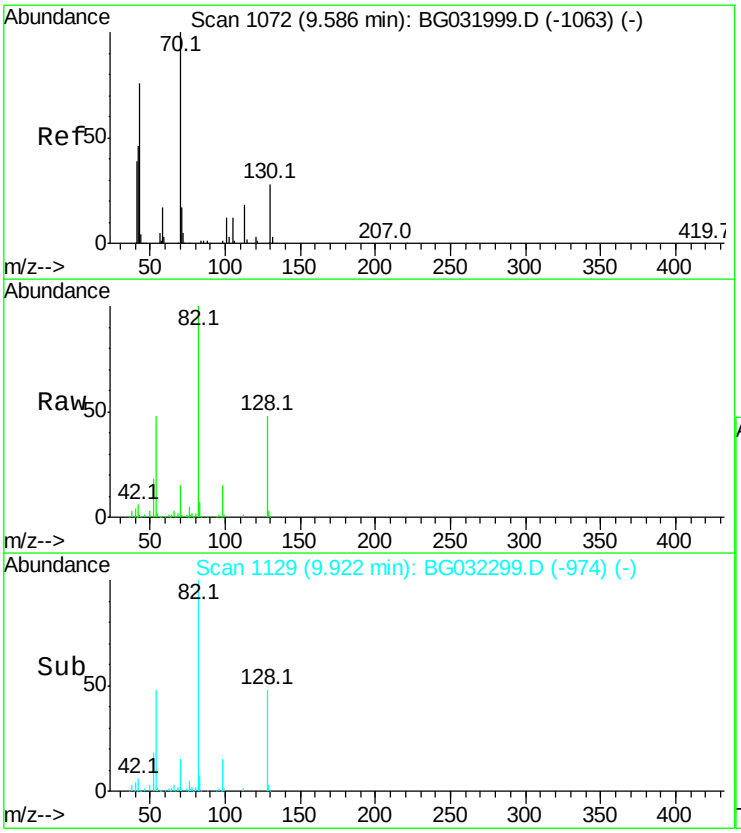
#15
Benzyl Alcohol
Concen: 2.317 ng
RT: 9.06 min Scan# 983
Delta R.T. 0.10 min
Lab File: BG032299.D
Acq: 25 Jan 2018 18:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 79 Resp: 3947

Ion	Ratio	Lower	Upper
79	100		
108	41.1	57.2	85.8#
77	106.8	46.1	69.1#

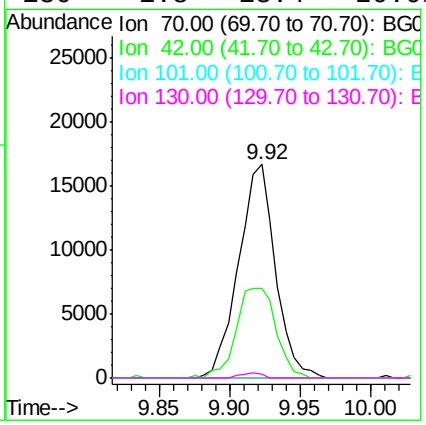


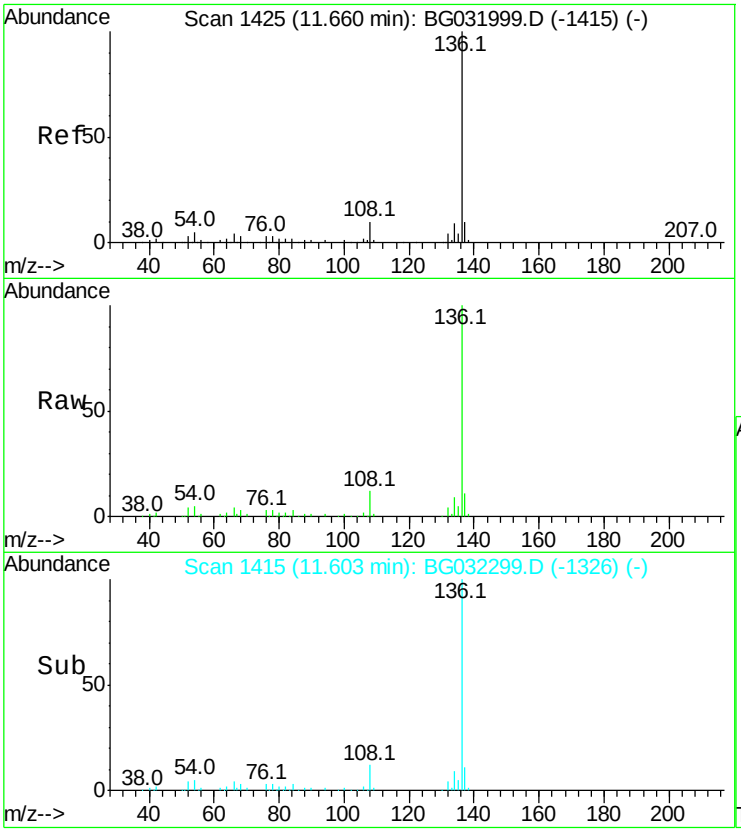


#19
n-Nitroso-di-n-propylamine
Concen: 20.981 ng
RT: 9.92 min Scan# 1129
Delta R.T. 0.38 min
Lab File: BG032299.D
Acq: 25 Jan 2018 18:40

Tgt Ion: 70 Resp: 30532

Ion	Ratio	Lower	Upper
70	100		
42	41.8	49.1	73.7#
101	0.0	8.5	12.7#
130	1.8	13.4	20.0#



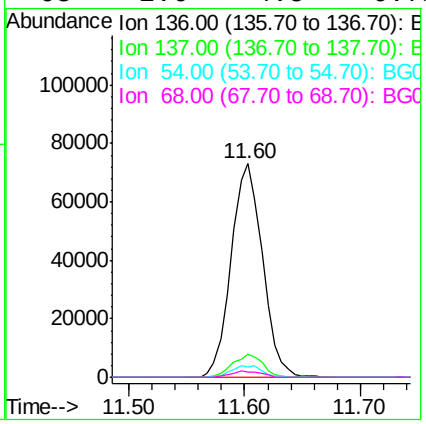


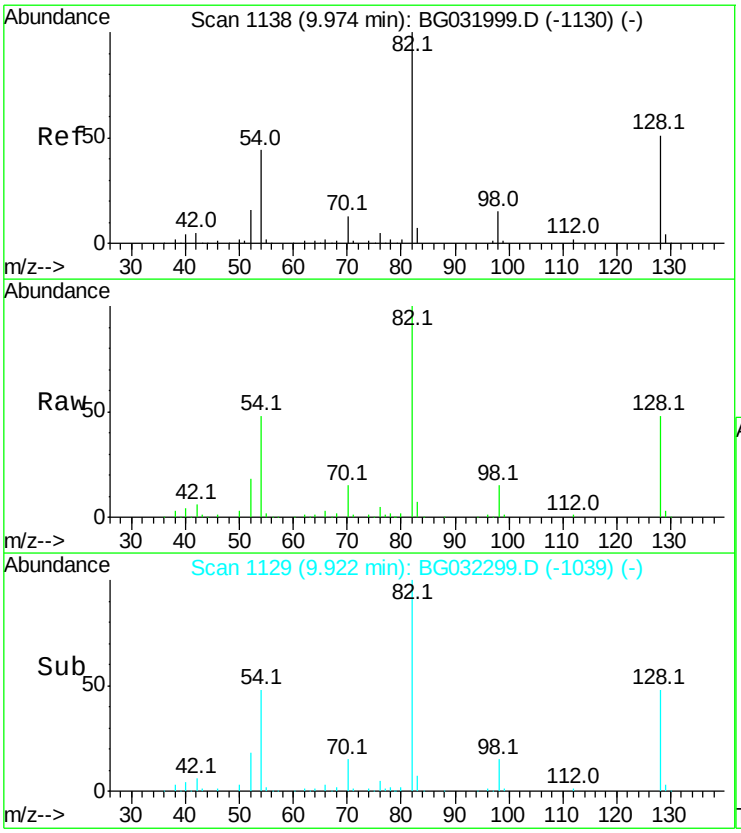
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.60 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BG032299.D
Acq: 25 Jan 2018 18:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 137360

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.2	13.8
54	4.7	10.3	15.5#
68	2.6	4.5	6.7#

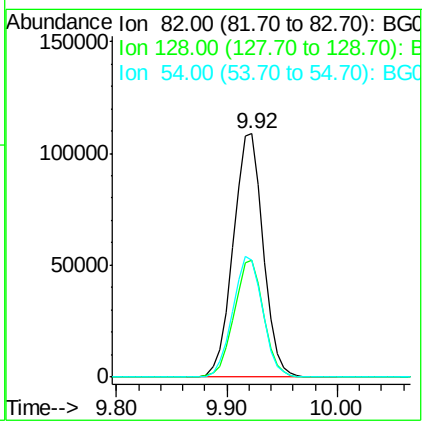


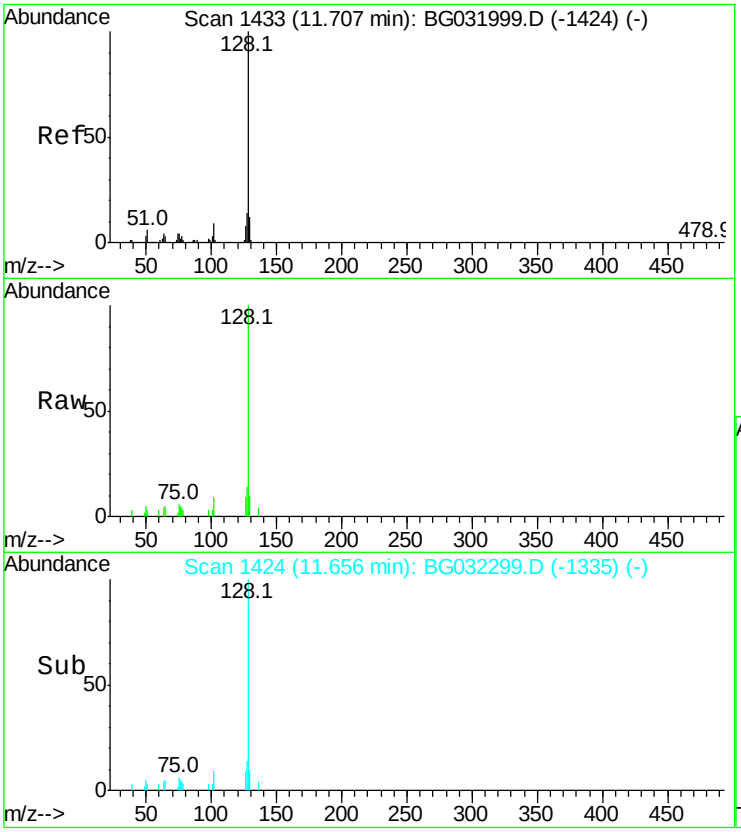


#23
Nitrobenzene-d5
Concen: 102.201 ng
RT: 9.92 min Scan# 1129
Delta R.T. 0.00 min
Lab File: BG032299.D
Acq: 25 Jan 2018 18:40

Tgt Ion: 82 Resp: 207500

Ion	Ratio	Lower	Upper
82	100		
128	47.9	29.7	44.5#
54	48.3	43.1	64.7



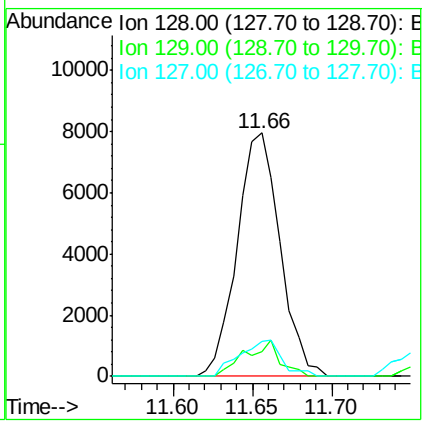


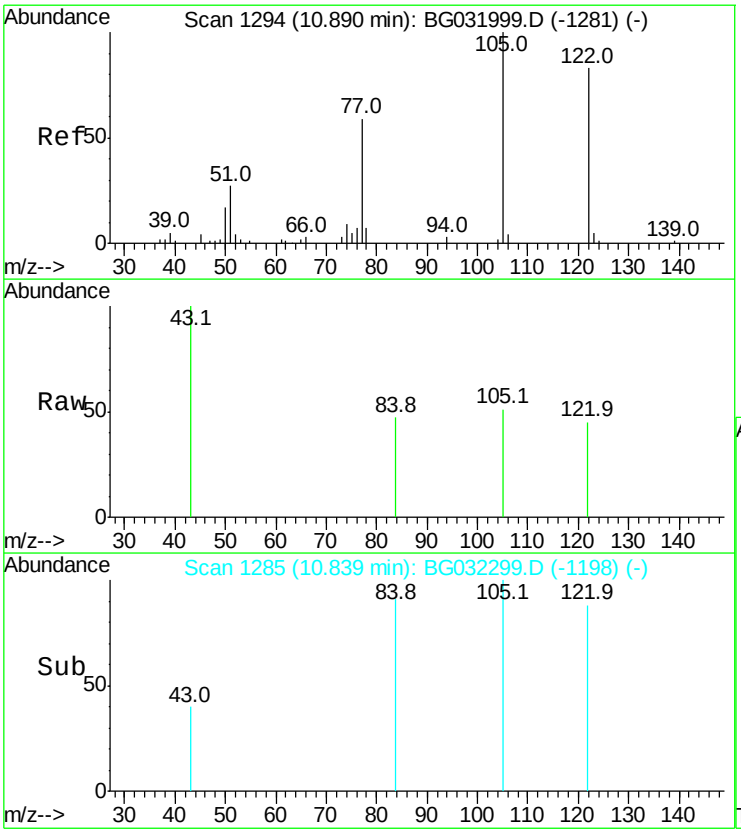
#31
Naphthalene
Concen: 2.192 ng
RT: 11.66 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BG032299.D
Acq: 25 Jan 2018 18:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:128 Resp: 14916

Ion	Ratio	Lower	Upper
128	100		
129	10.3	8.6	12.8
127	14.2	11.6	17.4

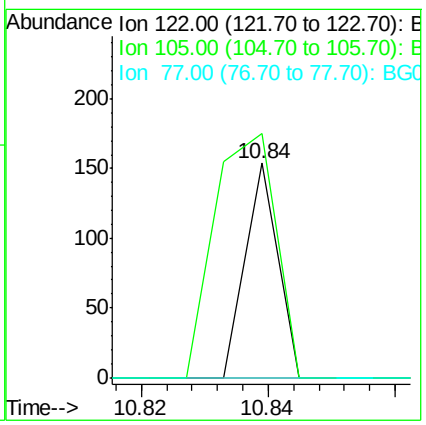


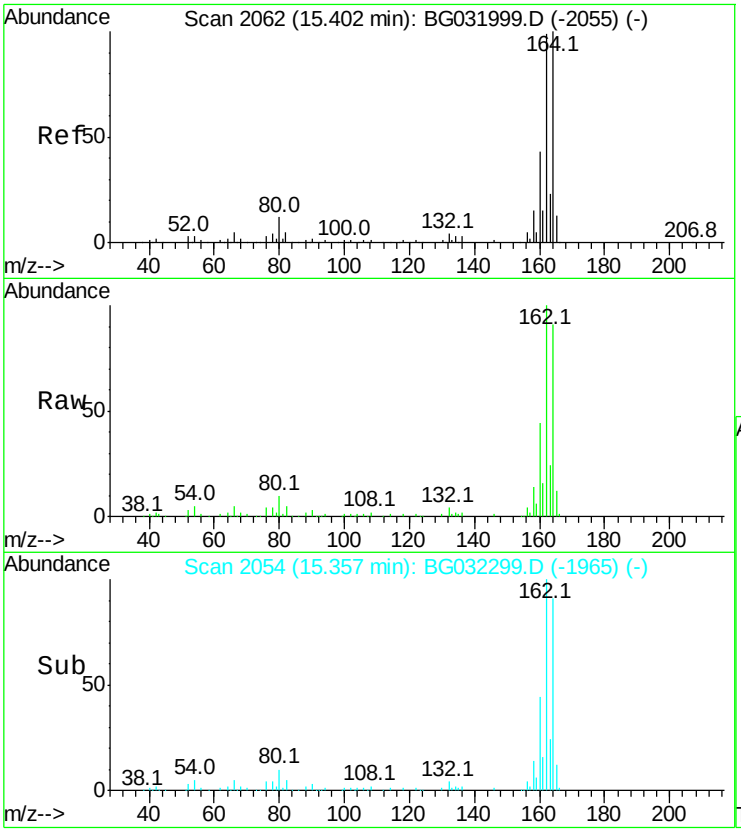


#32
Benzoic acid
Concen: 5.287 ng
RT: 10.84 min Scan# 1285
Delta R.T. -0.02 min
Lab File: BG032299.D
Acq: 25 Jan 2018 18:40

Tgt Ion:122 Resp: 54

Ion	Ratio	Lower	Upper
122	100		
105	113.6	123.5	163.5#
77	0.0	85.7	125.7#



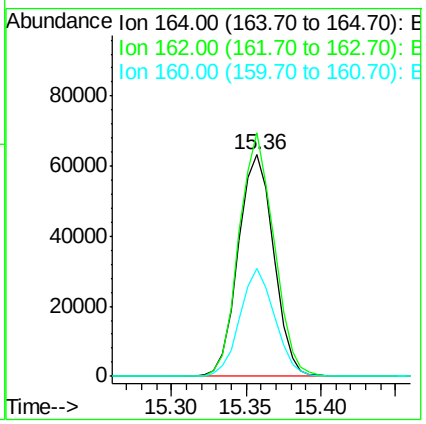


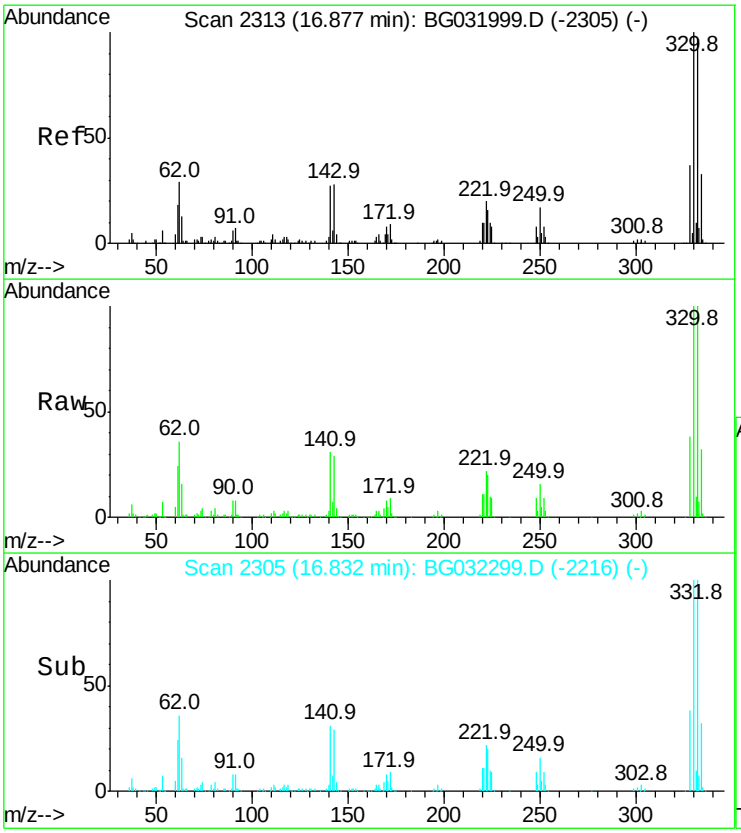
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.36 min Scan# 2054
Delta R.T. -0.01 min
Lab File: BG032299.D
Acq: 25 Jan 2018 18:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 103899

Ion	Ratio	Lower	Upper
164	100		
162	109.9	78.8	118.2
160	48.6	35.4	53.0

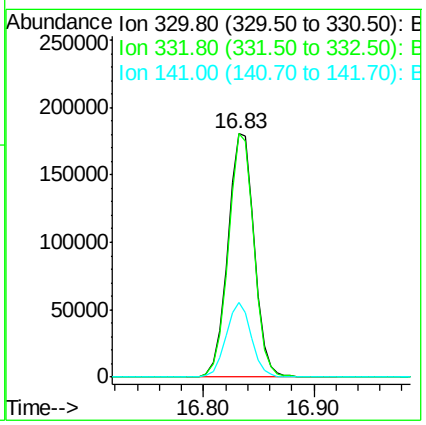


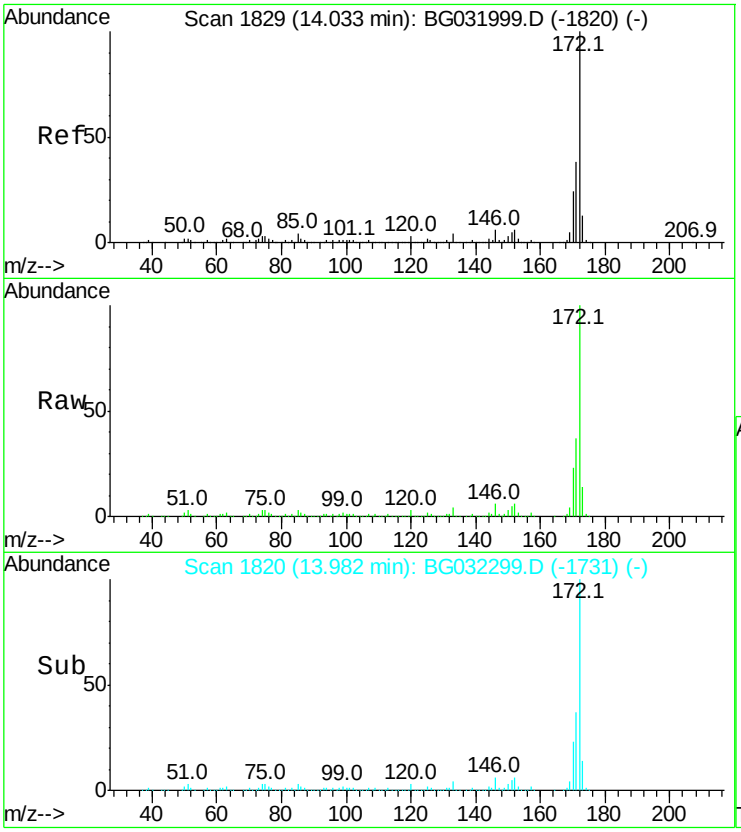


#41
2,4,6-Tribromophenol
Concen: 175.500 ng
RT: 16.83 min Scan# 2305
Delta R.T. -0.01 min
Lab File: BG032299.D
Acq: 25 Jan 2018 18:40

Tgt Ion:330 Resp: 301734

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	29.2	25.2	37.8



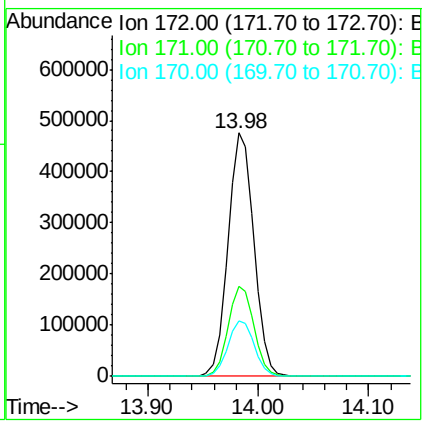


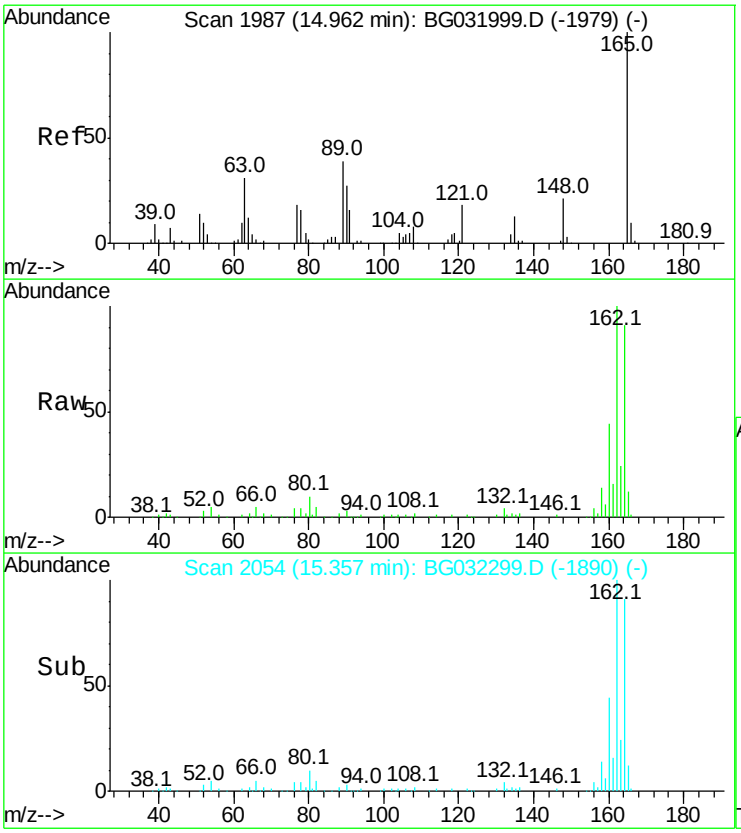
#44
2-Fluorobiphenyl
Concen: 92.994 ng
RT: 13.98 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BG032299.D
Acq: 25 Jan 2018 18:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 779227

Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.0	45.0
170	22.8	19.5	29.3

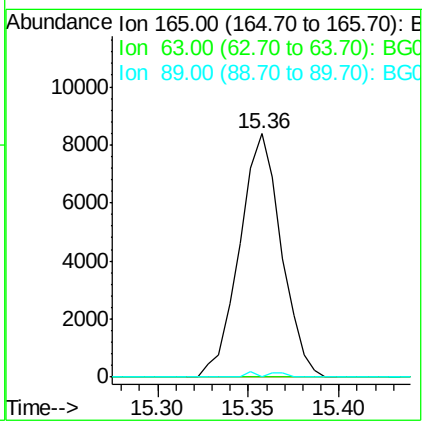


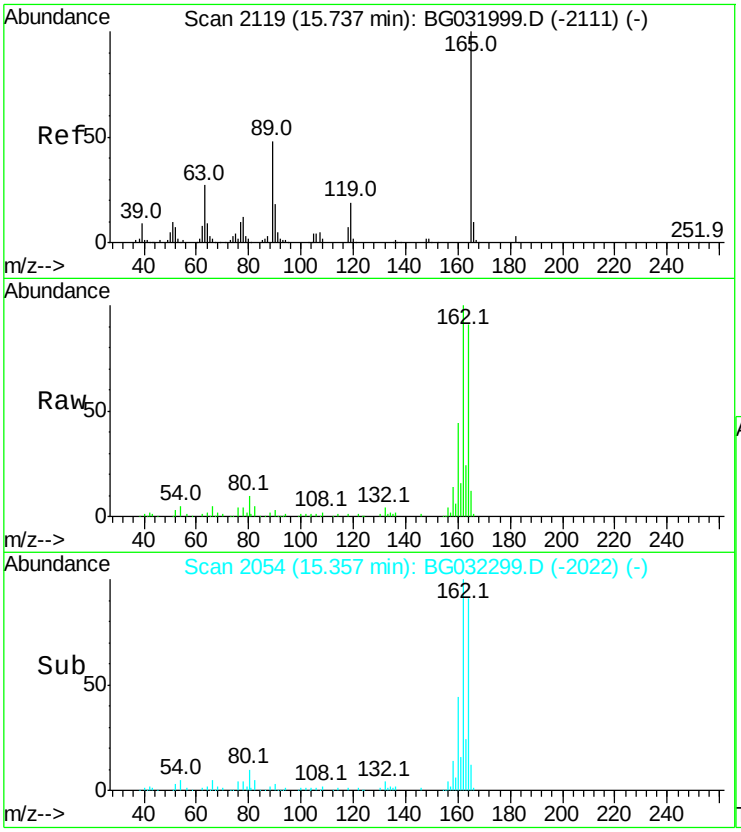


#50
2,6-Dinitrotoluene
Concen: 7.099 ng
RT: 15.36 min Scan# 2054
Delta R.T. 0.44 min
Lab File: BG032299.D
Acq: 25 Jan 2018 18:40

Tgt Ion:165 Resp: 13397

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



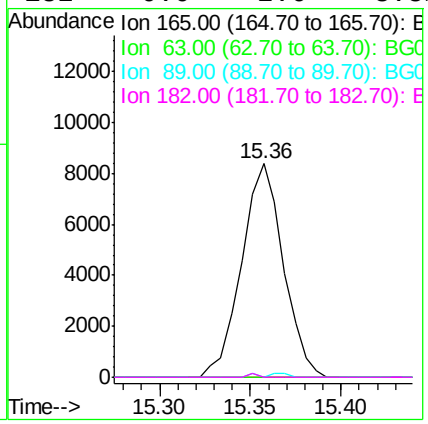


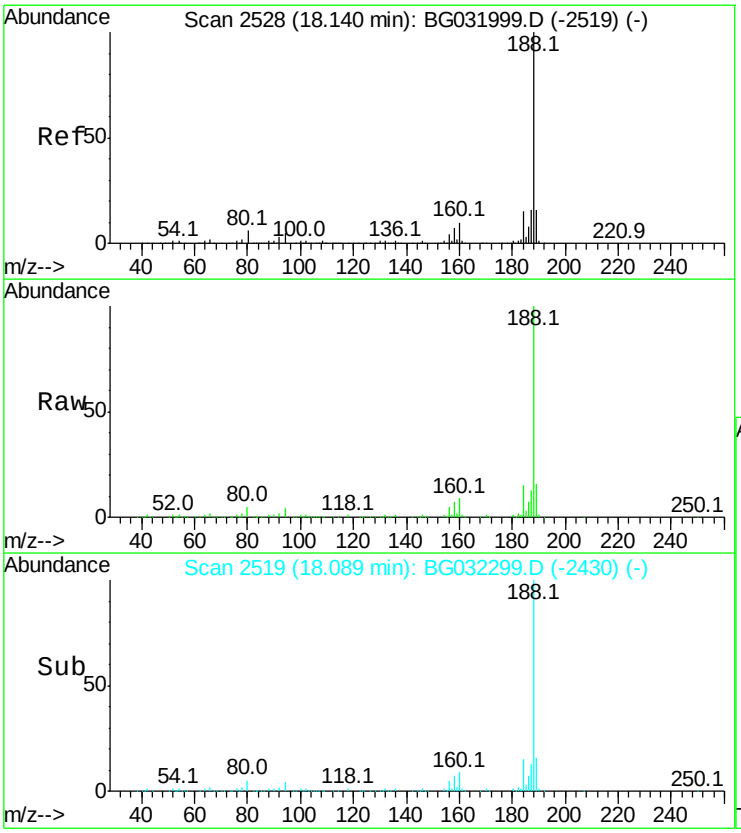
#56
2,4-Dinitrotoluene
Concen: 5.273 ng
RT: 15.36 min Scan# 2054
Delta R.T. -0.34 min
Lab File: BG032299.D
Acq: 25 Jan 2018 18:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 13397

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#

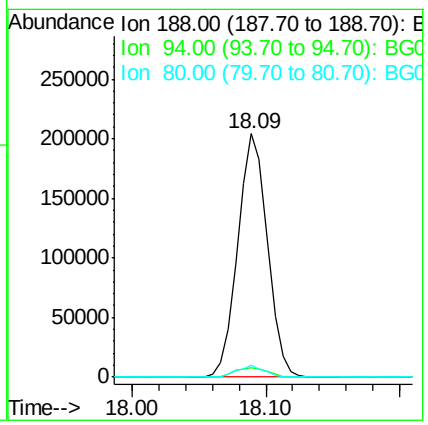


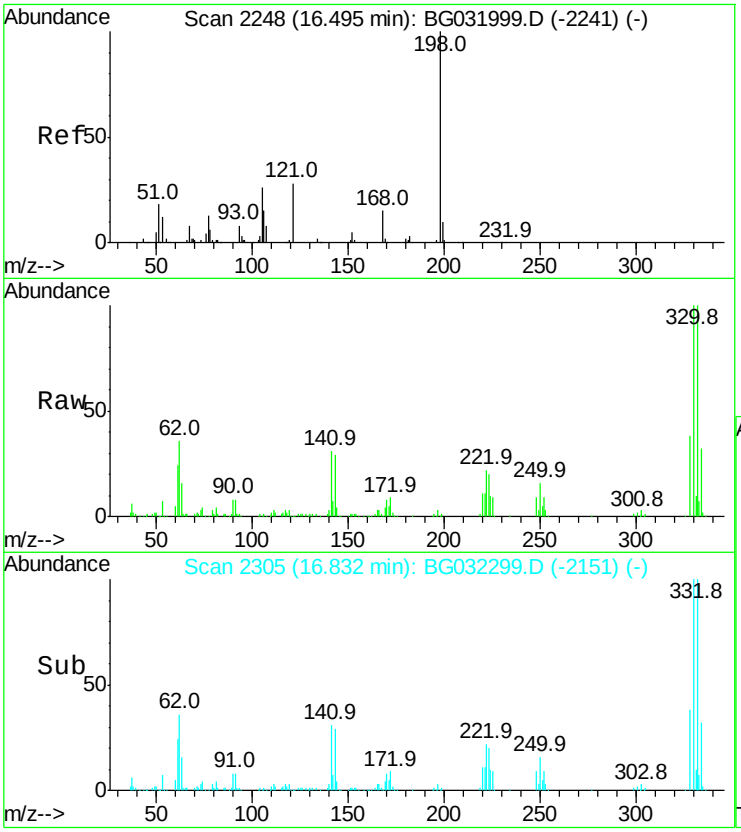


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.09 min Scan# 2519
Delta R.T. -0.01 min
Lab File: BG032299.D
Acq: 25 Jan 2018 18:40

Tgt Ion:188 Resp: 313388

Ion	Ratio	Lower	Upper
188	100		
94	3.7	6.9	10.3#
80	4.7	7.7	11.5#



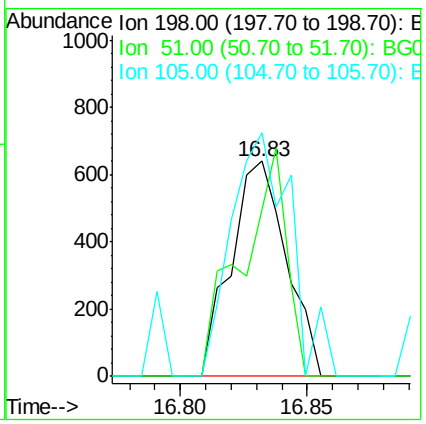


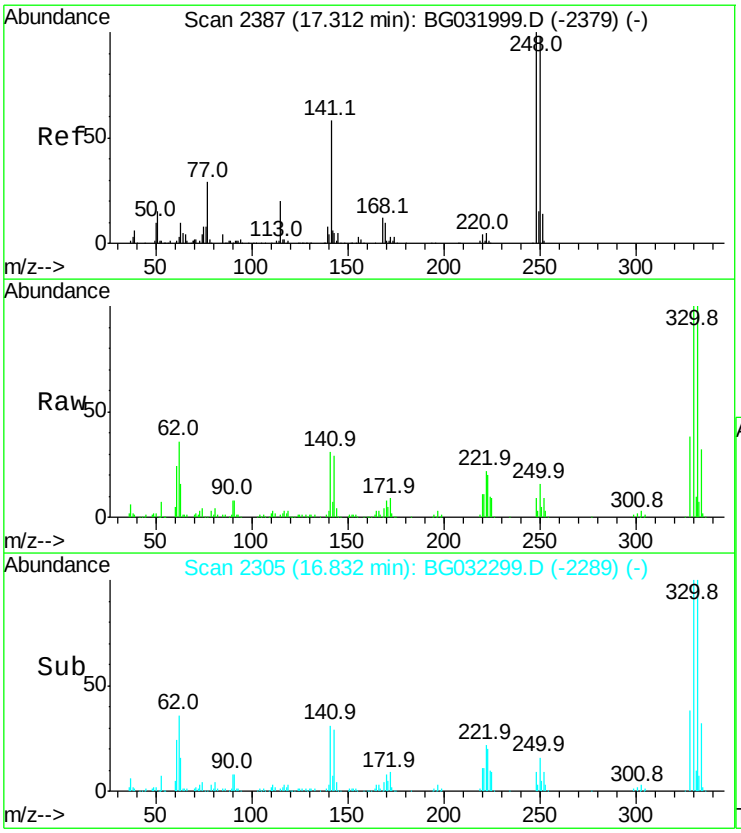
#64
4,6-Dinitro-2-methylphenol
Concen: 5.321 ng
RT: 16.83 min Scan# 2305
Delta R.T. 0.38 min
Lab File: BG032299.D
Acq: 25 Jan 2018 18:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:198 Resp: 974

Ion	Ratio	Lower	Upper
198	100		
51	77.4	30.6	70.6#
105	113.1	23.8	63.8#

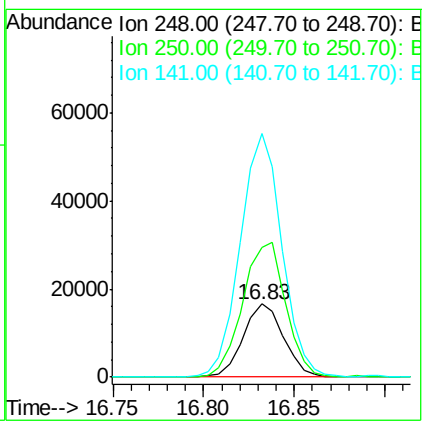


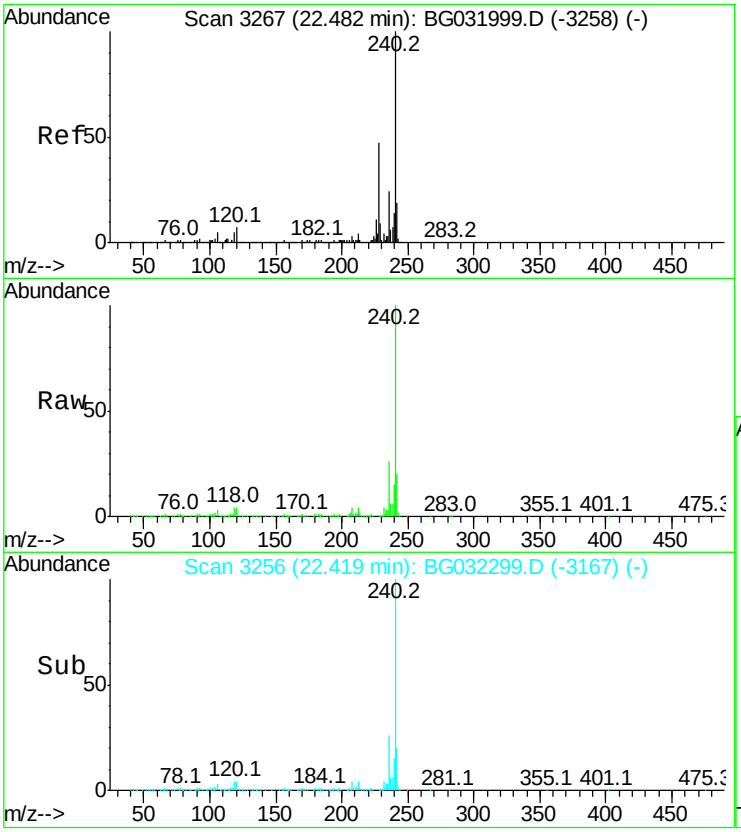


#66
4-Bromophenyl-phenylether
Concen: 5.776 ng
RT: 16.83 min Scan# 2305
Delta R.T. -0.43 min
Lab File: BG032299.D
Acq: 25 Jan 2018 18:40

Tgt Ion:248 Resp: 25755

Ion	Ratio	Lower	Upper
248	100		
250	178.6	77.1	115.7#
141	333.9	50.8	76.2#



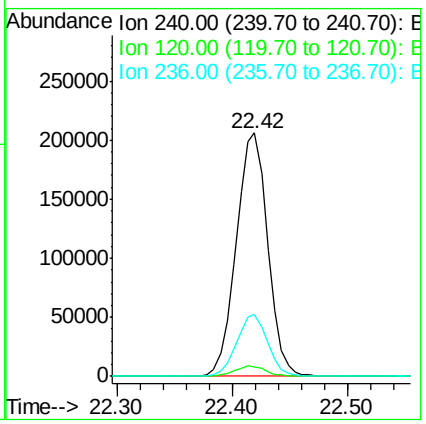


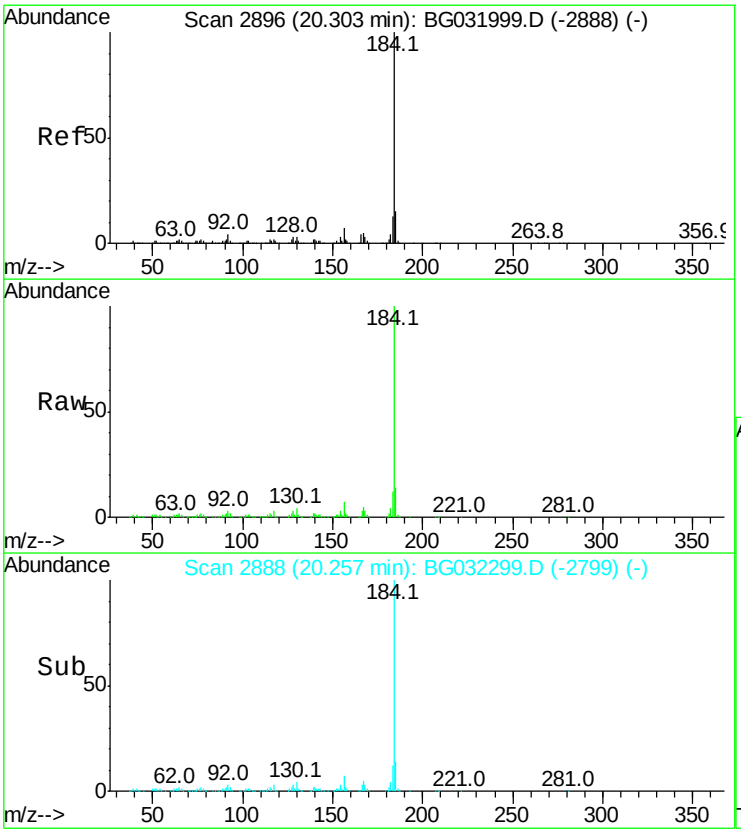
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.42 min Scan# 3256
Delta R.T. -0.01 min
Lab File: BG032299.D
Acq: 25 Jan 2018 18:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 387755

Ion	Ratio	Lower	Upper
240	100		
120	3.8	6.8	10.2#
236	25.6	20.9	31.3

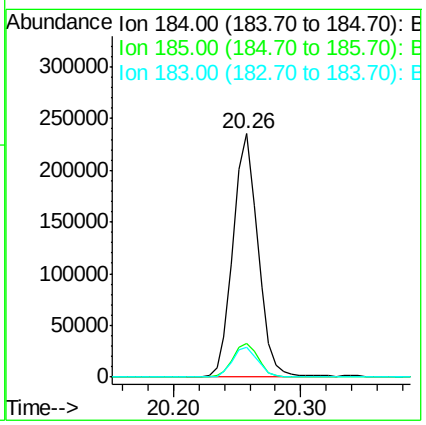


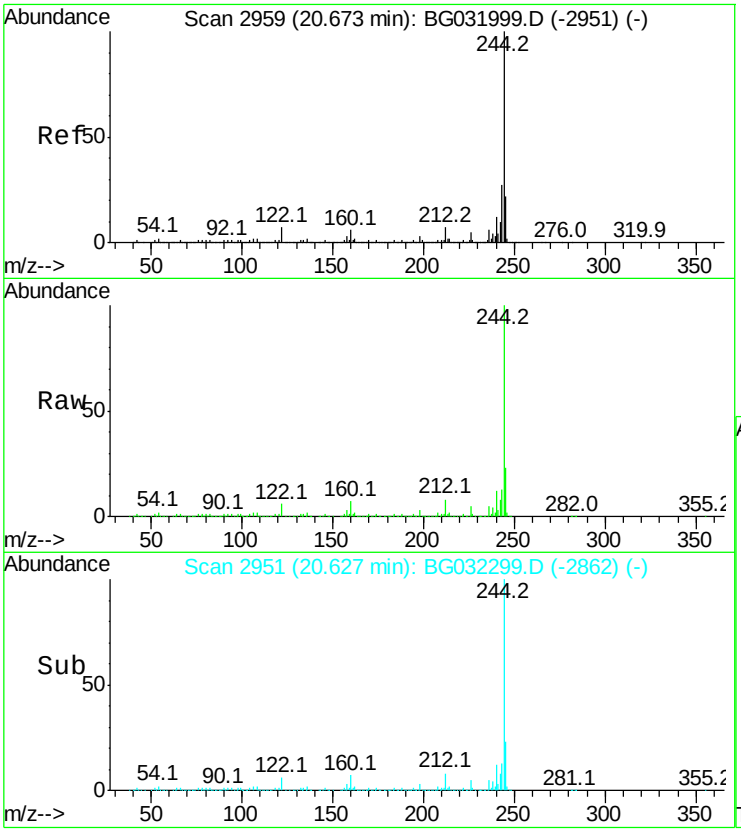


#76
Benzidine
Concen: 33.096 ng
RT: 20.26 min Scan# 2888
Delta R.T. -0.01 min
Lab File: BG032299.D
Acq: 25 Jan 2018 18:40

Tgt Ion:184 Resp: 320907

Ion	Ratio	Lower	Upper
184	100		
185	13.8	11.1	16.7
183	12.4	10.6	16.0



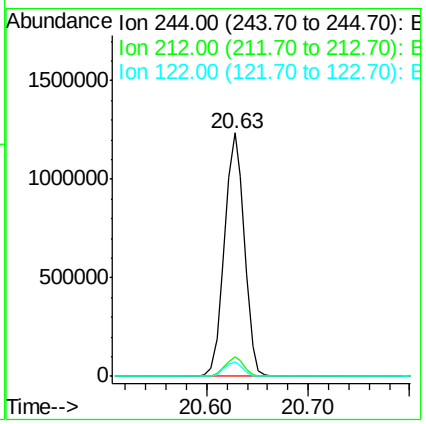


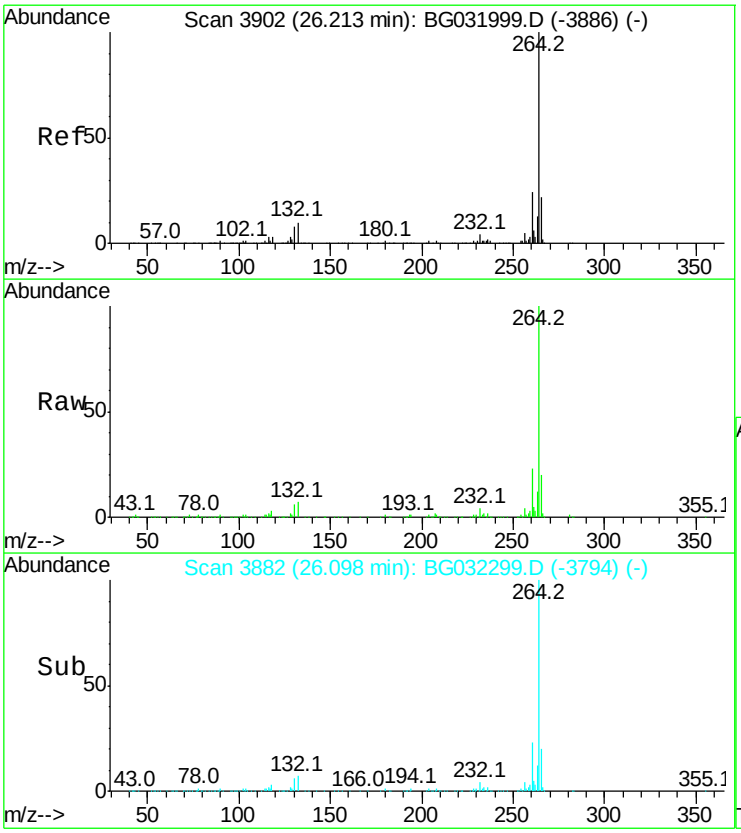
#78
Terphenyl-d14
Concen: 95.390 ng
RT: 20.63 min Scan# 2951
Delta R.T. -0.01 min
Lab File: BG032299.D
Acq: 25 Jan 2018 18:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1675154

Ion	Ratio	Lower	Upper
244	100		
212	8.0	5.8	8.8
122	6.1	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.10 min Scan# 3882
Delta R.T. -0.01 min
Lab File: BG032299.D
Acq: 25 Jan 2018 18:40

Tgt Ion:264 Resp: 414531

Ion	Ratio	Lower	Upper
264	100		
260	22.6	17.4	26.0
265	19.8	17.7	26.5