Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA G\DATA\BG020518\
Data File : BG032548.D
Acq On : 6 Feb 2018 00:03
Operator : SJ/JU
Sample : J1399-04
Misc : MDL8PPM
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Feb 06 03:24:41 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 29 15:32:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.70	152	24865	20.00	ng	-0.02
21) Naphthalene-d8	11.58	136	94615	20.00	ng	-0.02
38) Acenaphthene-d10	15.34	164	65390	20.00	ng	-0.02
63) Phenanthrene-d10	18.08	188	175608	20.00	ng	-0.01
75) Chrysene-d12	22.41	240	255216	20.00	ng	-0.01
86) Perylene-d12	26.07	264	267624	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.15	112	146424	118.28	ng	0.00
7) Phenol-d6	7.83	99	170673	103.32	ng	0.00
23) Nitrobenzene-d5	9.91	82	135478	89.44	ng	-0.01
41) 2,4,6-Tribromophenol	16.82	330	189753	152.45	ng	-0.02
44) 2-Fluorobiphenyl	13.97	172	500938	91.05	ng	-0.02
78) Terphenyl-d14	20.61	244	1184944	99.45	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.49	88	967	2.322	ng	# 1
19) n-Nitroso-di-n-propylamine	9.91	70	19743	18.025	ng	# 77
31) Naphthalene	11.64	128	36565	7.913	ng	97
32) Benzoic acid	10.56	122	57	7.334	ng	# 1
33) 4-Chloroaniline	11.64	127	4942	2.398	ng	# 36
50) 2,6-Dinitrotoluene	15.34	165	8826	6.974	ng	# 20
56) 2,4-Dinitrotoluene	15.34	165	8826	4.898	ng	# 18
59) Diethylphthalate	16.11	149	16607	2.828	ng	# 94
66) 4-Bromophenyl-phenylether	16.82	248	14812	5.693	ng	# 1
76) Benzidine	20.61	184	17366	3.465	ng	# 88

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

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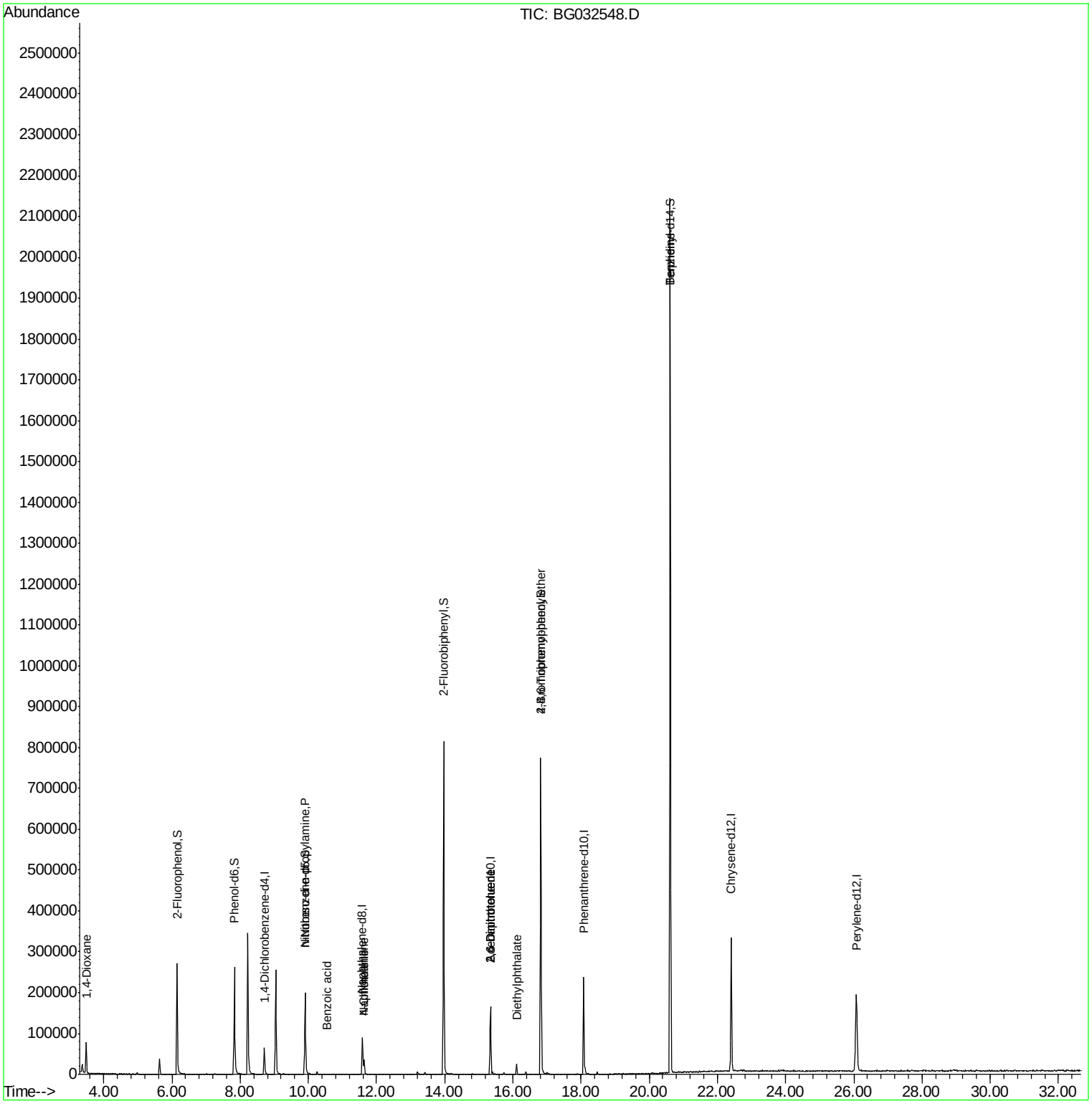
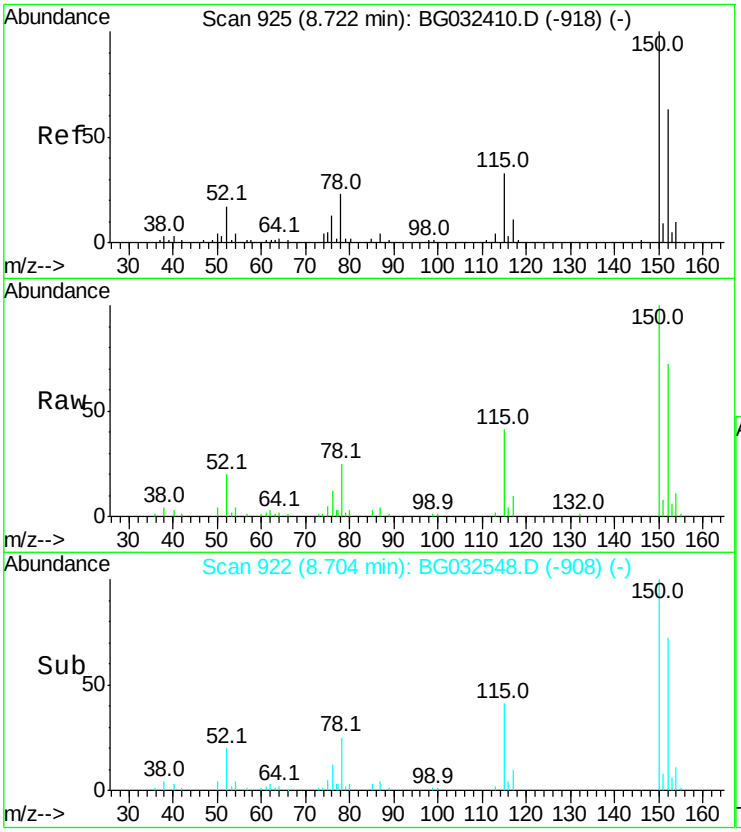


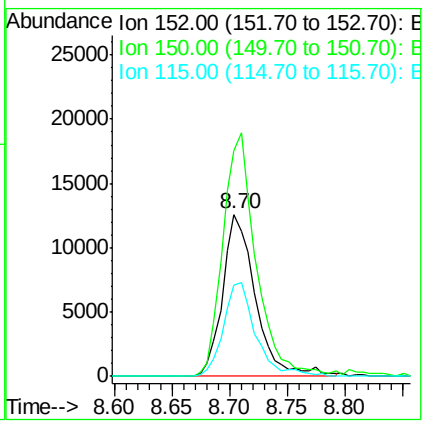


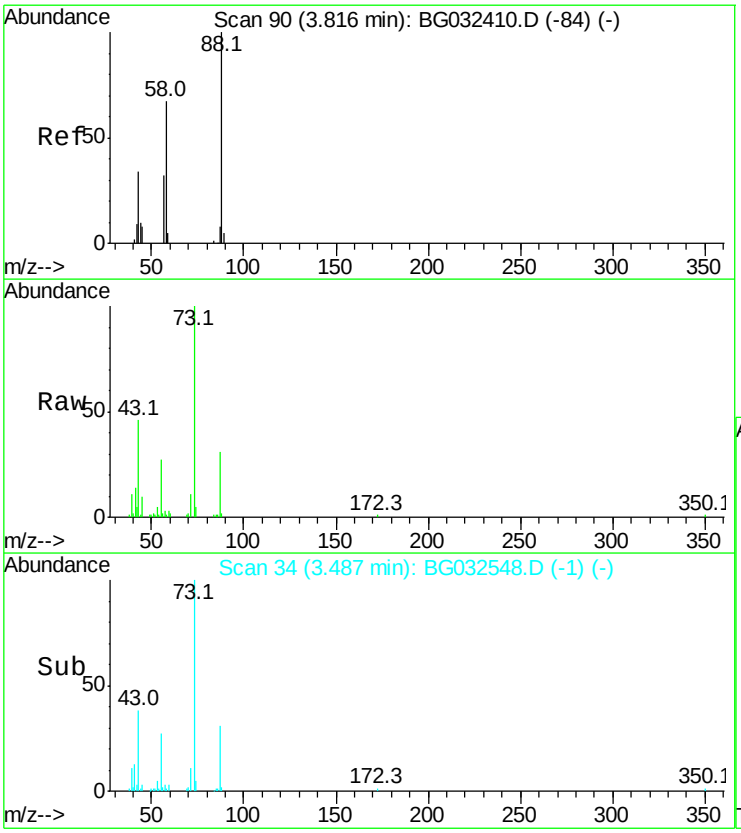
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.70 min Scan# 922
Delta R.T. -0.02 min
Lab File: BG032548.D
Acq: 6 Feb 2018 00:03

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 24865

Ion	Ratio	Lower	Upper
152	100		
150	138.8	126.6	189.8
115	56.4	53.0	79.4

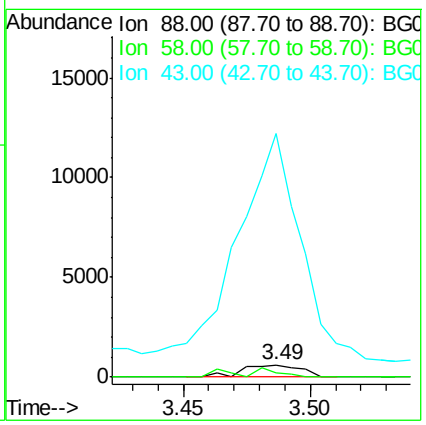


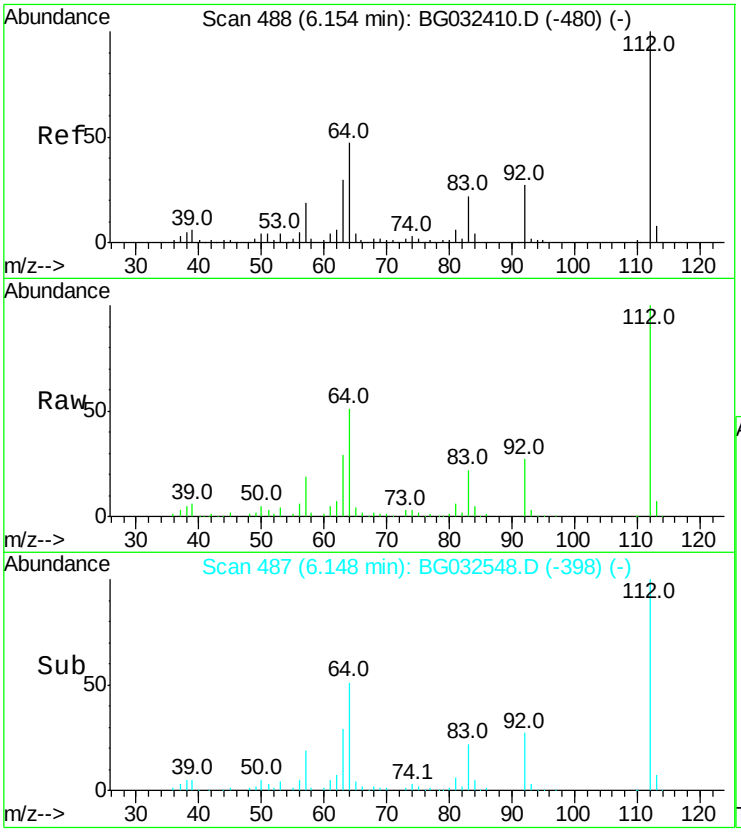


#2
1,4-Dioxane
Concen: 2.322 ng
RT: 3.49 min Scan# 34
Delta R.T. -0.33 min
Lab File: BG032548.D
Acq: 6 Feb 2018 00:03

Tgt Ion: 88 Resp: 967

Ion	Ratio	Lower	Upper
88	100		
58	31.4	79.6	119.4#
43	2096.1	27.4	41.0#



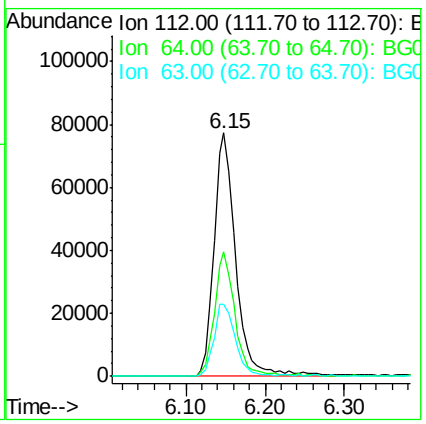


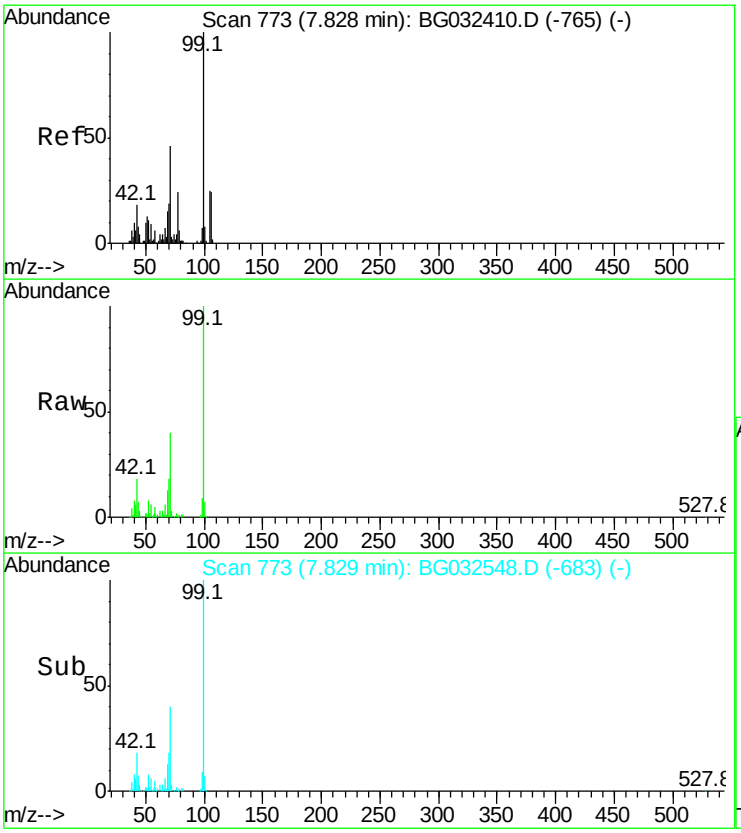
#5
2-Fluorophenol
Concen: 118.279 ng
RT: 6.15 min Scan# 487
Delta R.T. -0.01 min
Lab File: BG032548.D
Acq: 6 Feb 2018 00:03

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:112 Resp: 146424

Ion	Ratio	Lower	Upper
112	100		
64	51.2	56.3	84.5#
63	29.4	30.1	45.1#

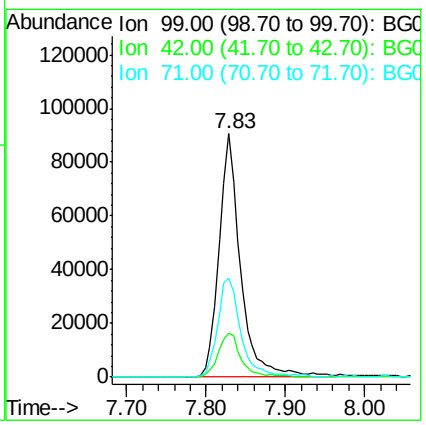


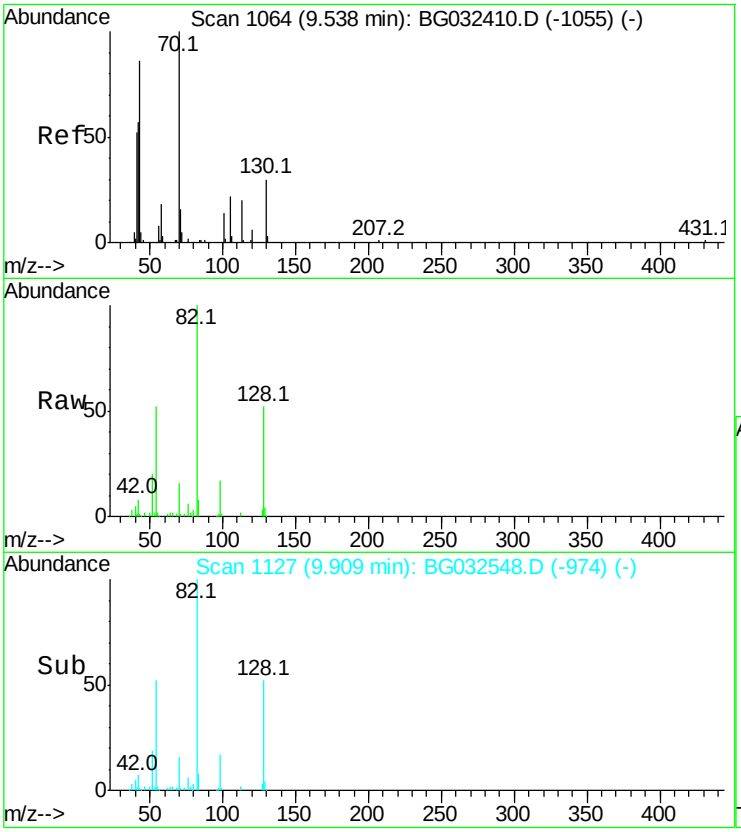


#7
Phenol-d6
Concen: 103.316 ng
RT: 7.83 min Scan# 773
Delta R.T. 0.00 min
Lab File: BG032548.D
Acq: 6 Feb 2018 00:03

Tgt Ion: 99 Resp: 170673

Ion	Ratio	Lower	Upper
99	100		
42	18.1	14.1	21.1
71	40.4	26.1	39.1#



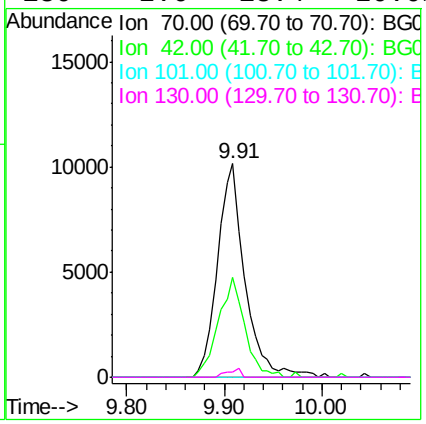


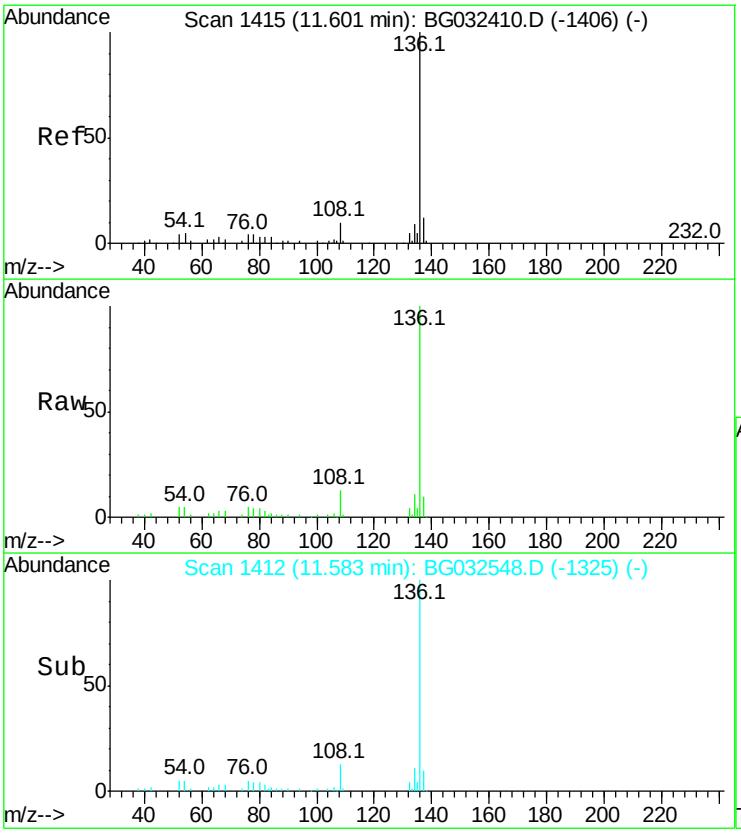
#19
n-Nitroso-di-n-propylamine
Concen: 18.025 ng
RT: 9.91 min Scan# 1127
Delta R.T. 0.37 min
Lab File: BG032548.D
Acq: 6 Feb 2018 00:03

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 19743

Ion	Ratio	Lower	Upper
70	100		
42	47.0	49.1	73.7#
101	0.0	8.5	12.7#
130	2.6	13.4	20.0#

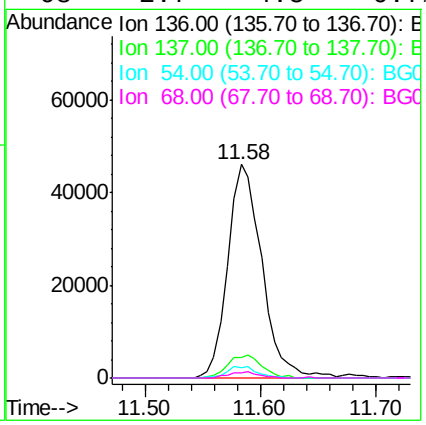


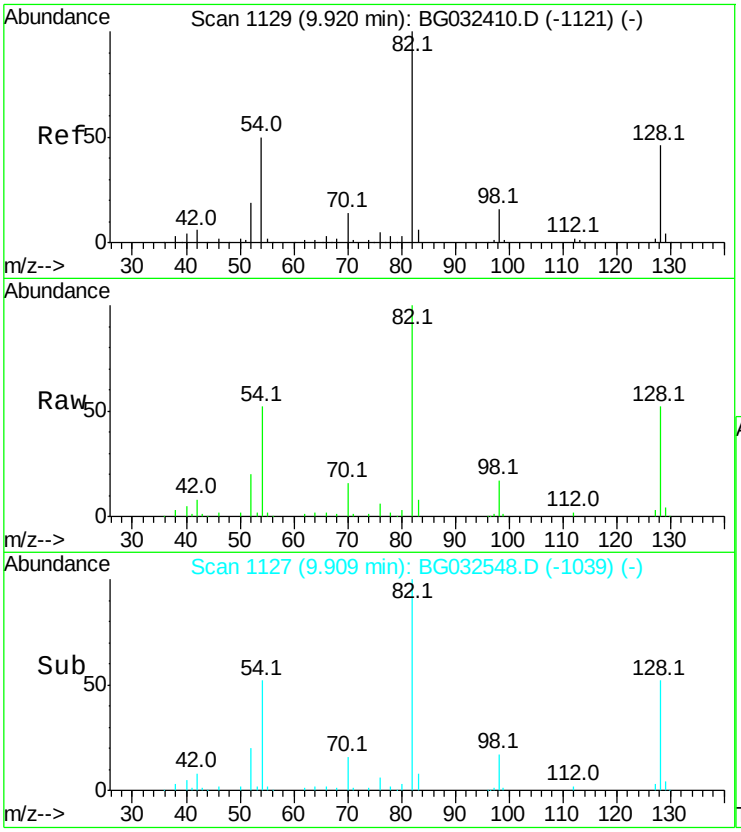


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.58 min Scan# 1412
Delta R.T. -0.02 min
Lab File: BG032548.D
Acq: 6 Feb 2018 00:03

Tgt Ion:136 Resp: 94615

Ion	Ratio	Lower	Upper
136	100		
137	9.9	9.2	13.8
54	4.6	10.3	15.5#
68	2.7	4.5	6.7#



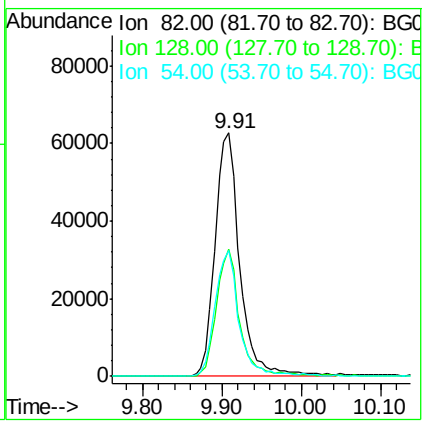


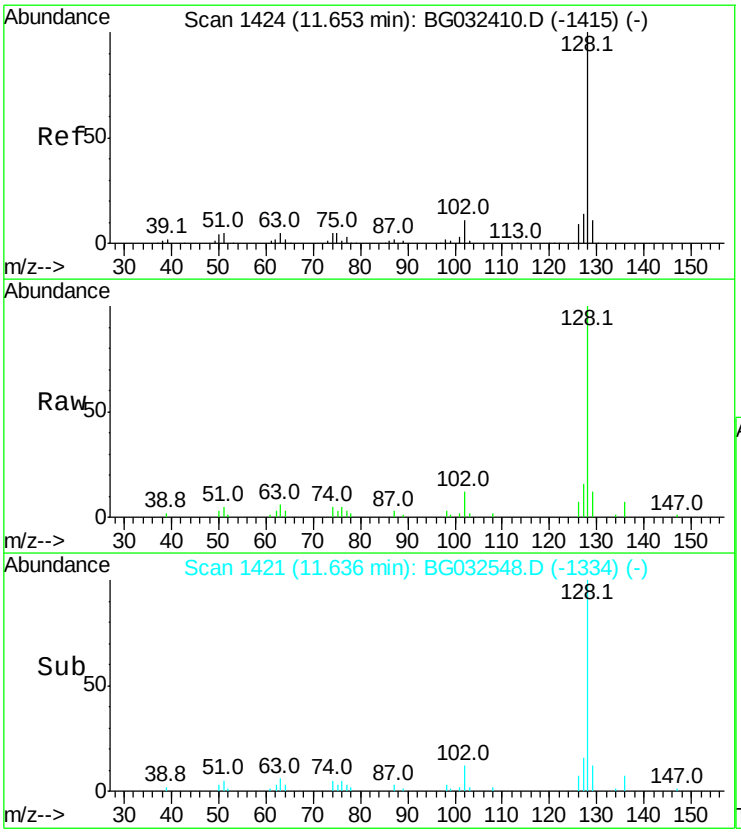
#23
Nitrobenzene-d5
Concen: 89.436 ng
RT: 9.91 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BG032548.D
Acq: 6 Feb 2018 00:03

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 135478

Ion	Ratio	Lower	Upper
82	100		
128	52.3	29.7	44.5#
54	51.9	43.1	64.7

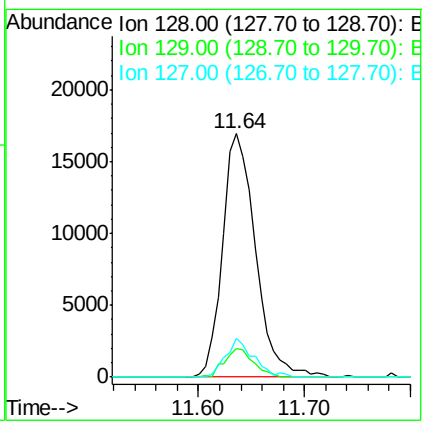


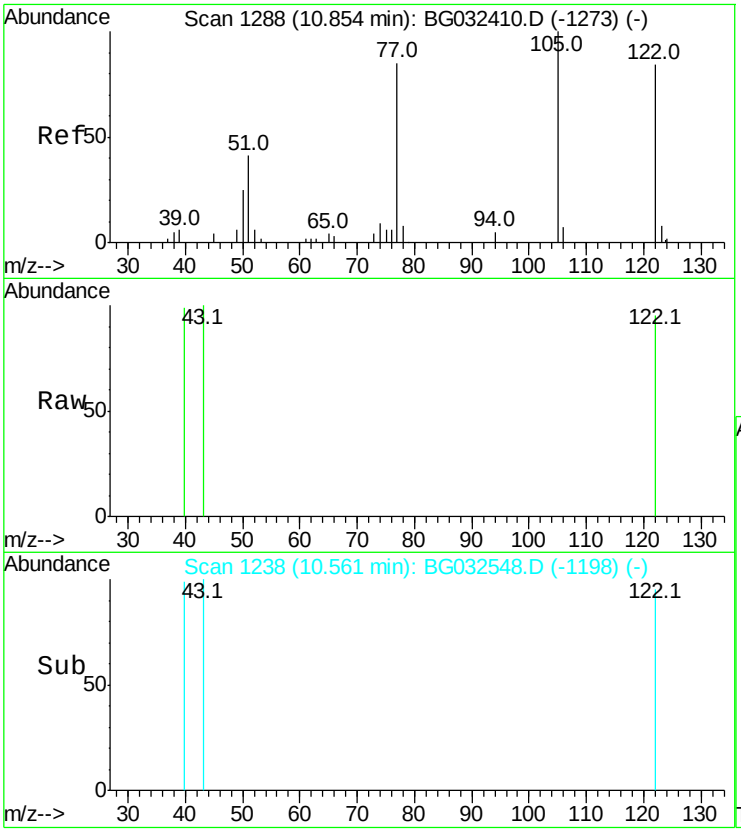


#31
Naphthalene
Concen: 7.913 ng
RT: 11.64 min Scan# 1421
Delta R.T. -0.02 min
Lab File: BG032548.D
Acq: 6 Feb 2018 00:03

Tgt Ion:128 Resp: 36565

Ion	Ratio	Lower	Upper
128	100		
129	11.9	8.6	12.8
127	15.9	11.6	17.4



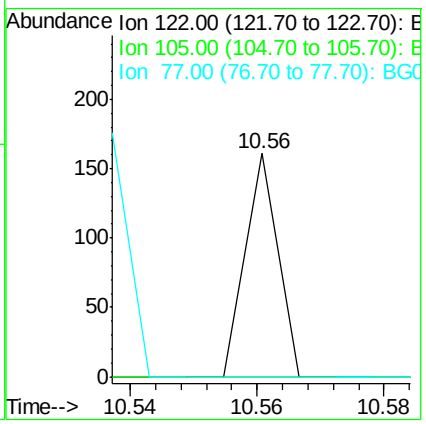


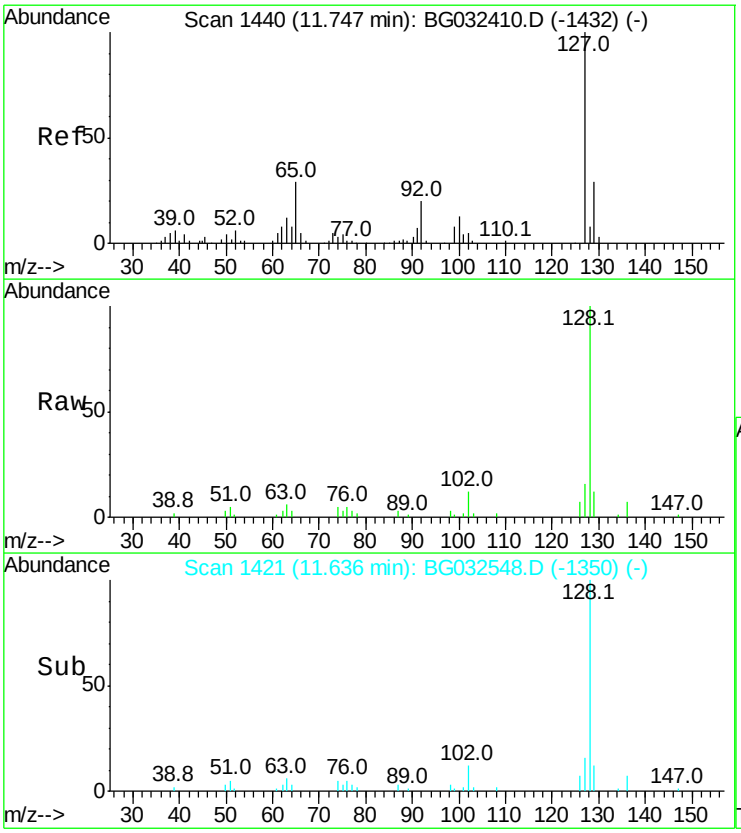
#32
Benzoic acid
Concen: 7.334 ng
RT: 10.56 min Scan# 1238
Delta R.T. -0.29 min
Lab File: BG032548.D
Acq: 6 Feb 2018 00:03

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:122 Resp: 57

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

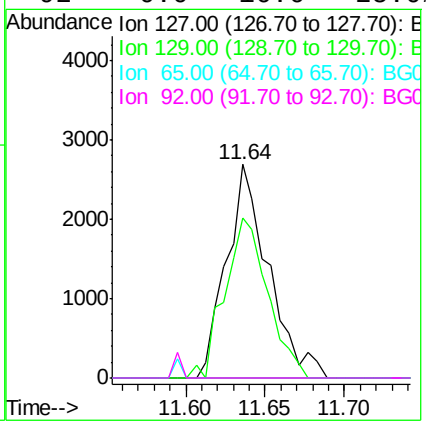


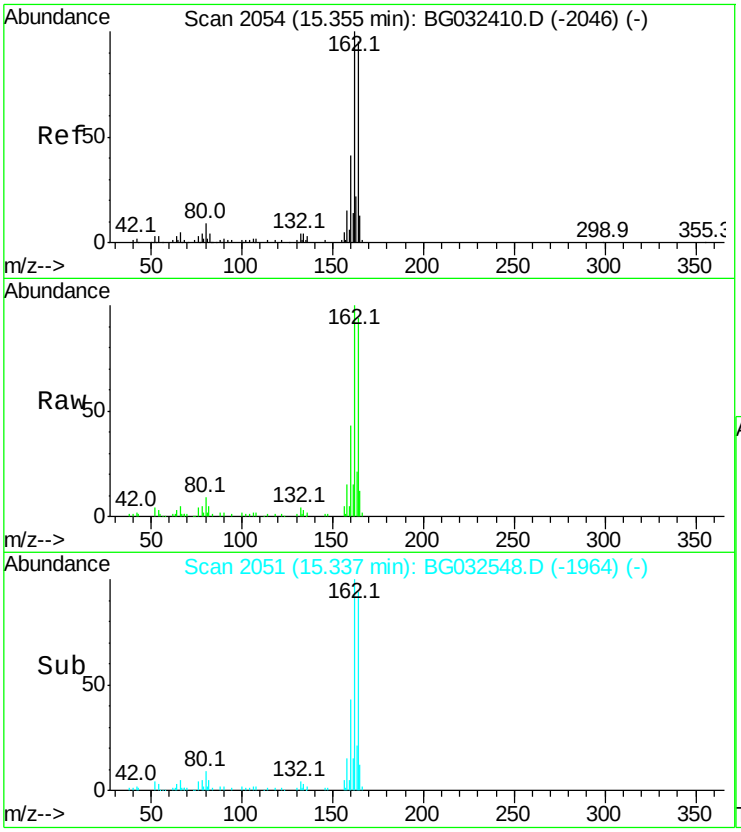


#33
4-Chloroaniline
Concen: 2.398 ng
RT: 11.64 min Scan# 1421
Delta R.T. -0.11 min
Lab File: BG032548.D
Acq: 6 Feb 2018 00:03

Tgt Ion:127 Resp: 4942

Ion	Ratio	Lower	Upper
127	100		
129	74.7	24.0	36.0#
65	0.0	27.0	40.4#
92	0.0	16.6	25.0#



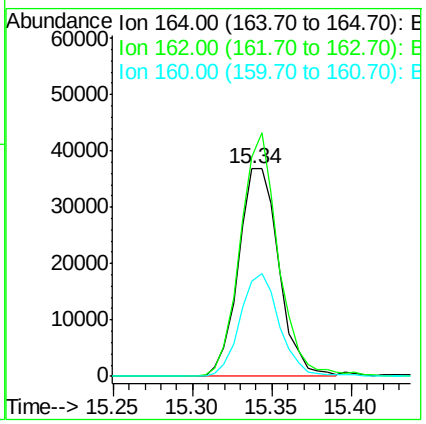


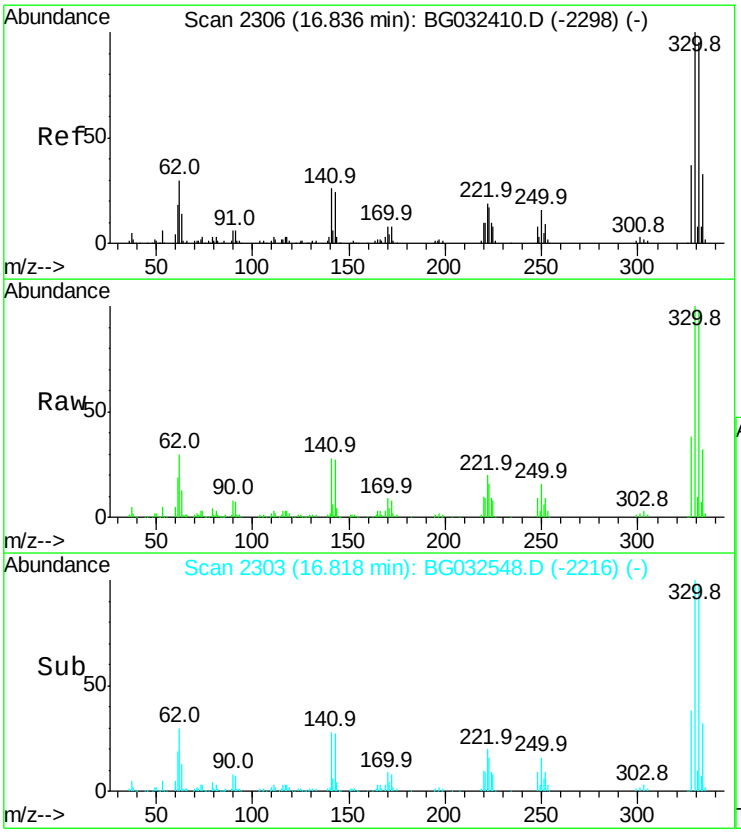
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.34 min Scan# 2051
Delta R.T. -0.02 min
Lab File: BG032548.D
Acq: 6 Feb 2018 00:03

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 65390

Ion	Ratio	Lower	Upper
164	100		
162	105.9	78.8	118.2
160	45.7	35.4	53.0

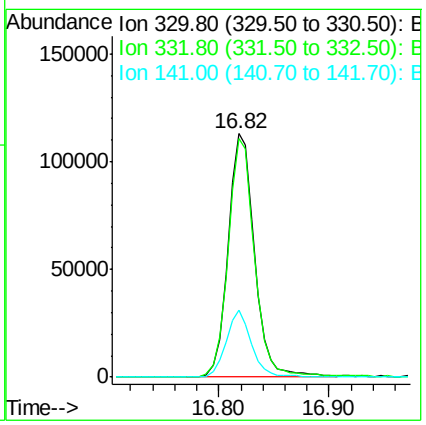


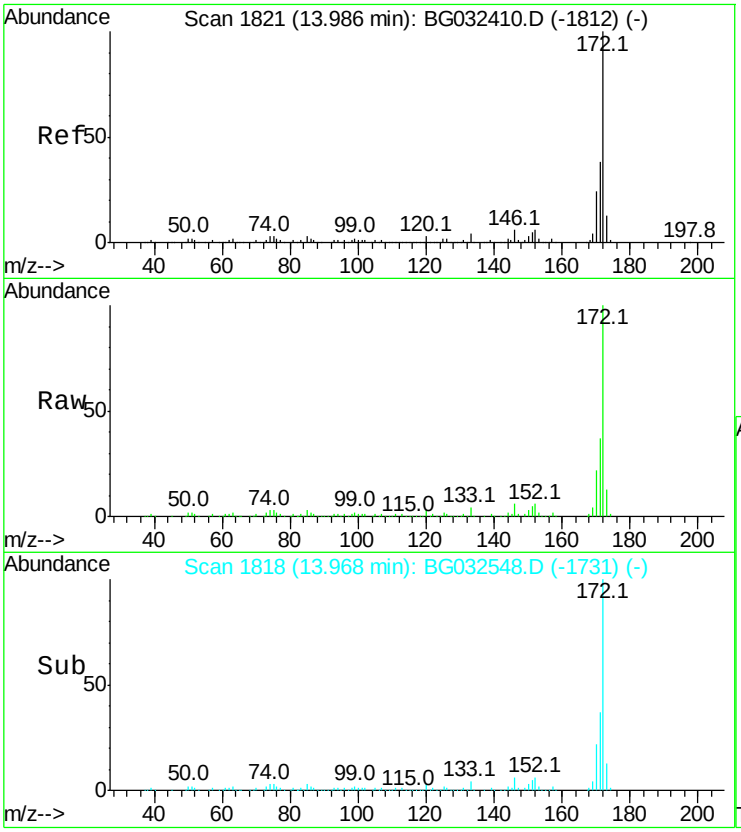


#41
2,4,6-Tribromophenol
Concen: 152.449 ng
RT: 16.82 min Scan# 2303
Delta R.T. -0.02 min
Lab File: BG032548.D
Acq: 6 Feb 2018 00:03

Tgt Ion:330 Resp: 189753

Ion	Ratio	Lower	Upper
330	100		
332	98.5	77.0	115.6
141	26.2	25.2	37.8



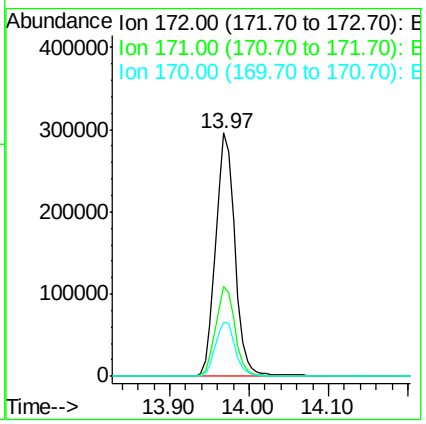


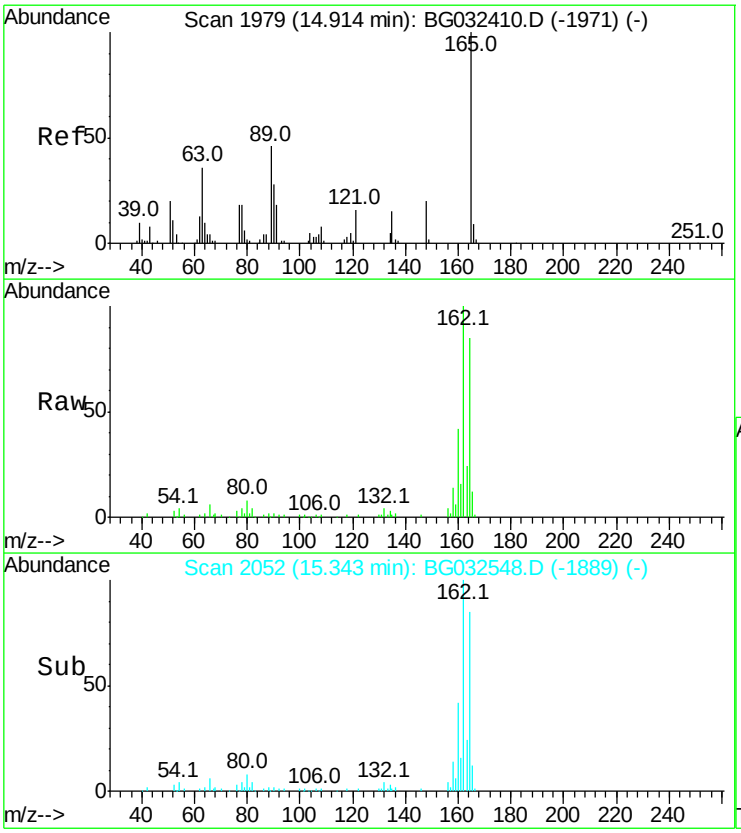
#44
2-Fluorobiphenyl
Concen: 91.053 ng
RT: 13.97 min Scan# 1818
Delta R.T. -0.02 min
Lab File: BG032548.D
Acq: 6 Feb 2018 00:03

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 500938

Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.0	45.0
170	22.3	19.5	29.3

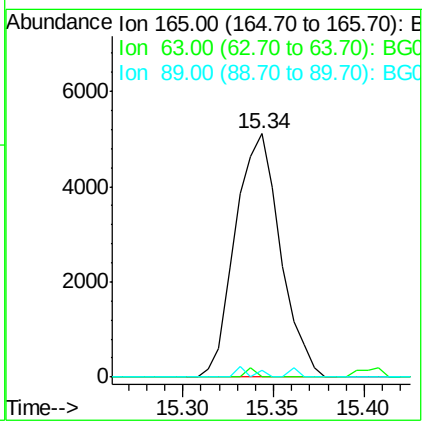


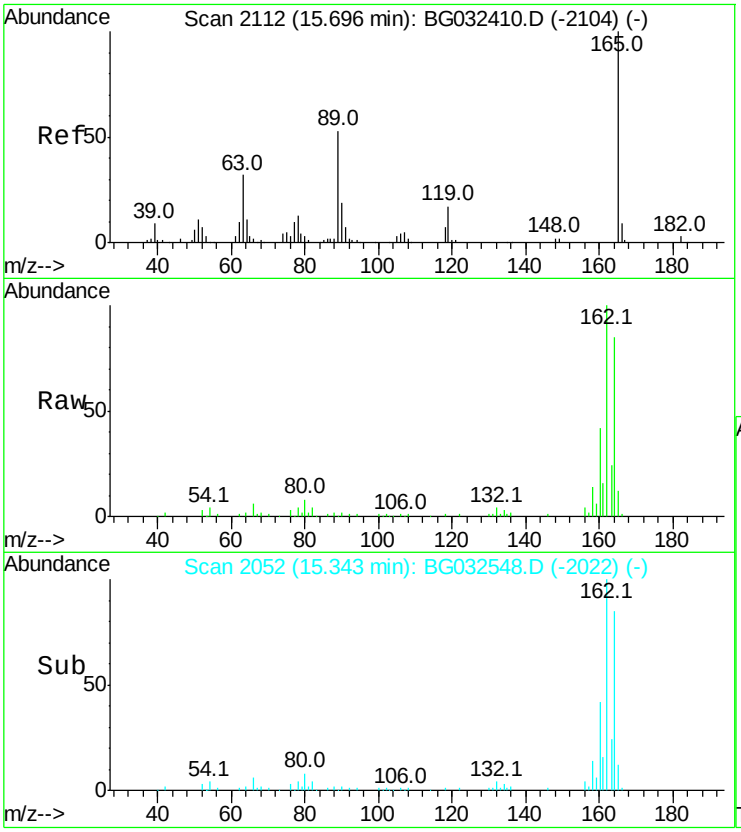


#50
2,6-Dinitrotoluene
Concen: 6.974 ng
RT: 15.34 min Scan# 2052
Delta R.T. 0.43 min
Lab File: BG032548.D
Acq: 6 Feb 2018 00:03

Tgt Ion:165 Resp: 8826

Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	3.0	49.2	73.8#



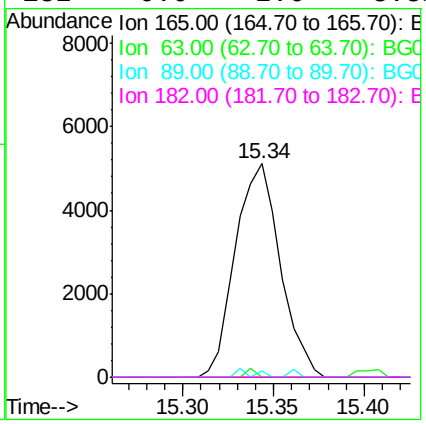


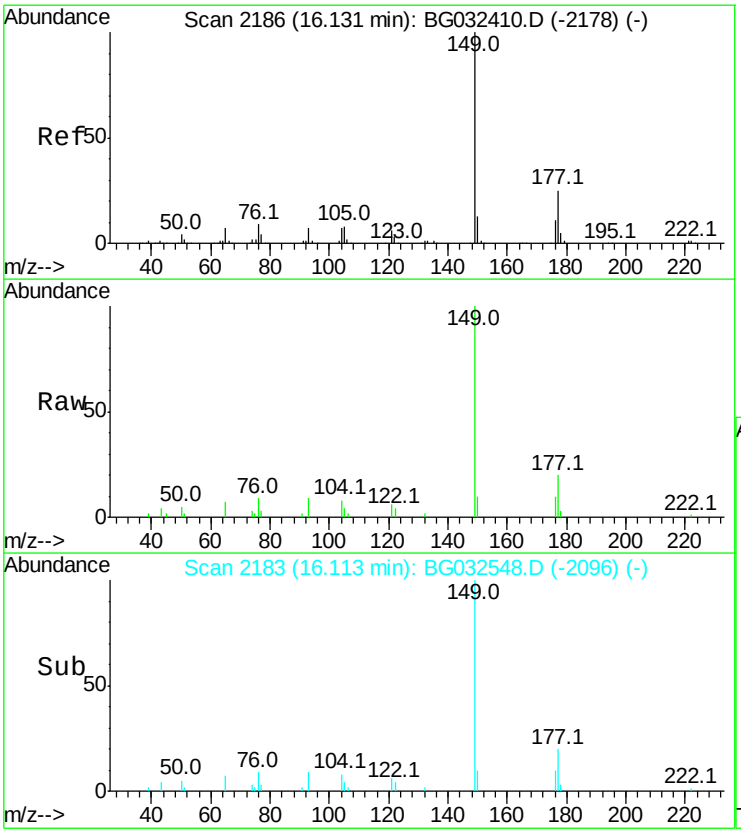
#56
2,4-Dinitrotoluene
Concen: 4.898 ng
RT: 15.34 min Scan# 2052
Delta R.T. -0.35 min
Lab File: BG032548.D
Acq: 6 Feb 2018 00:03

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 8826

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

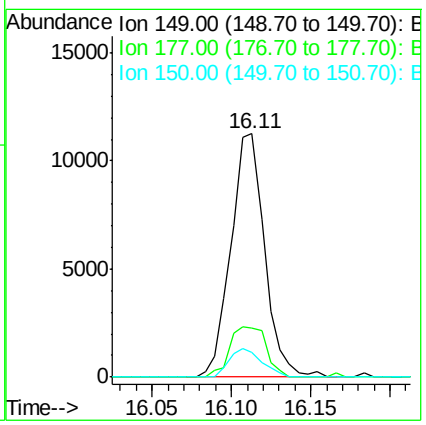


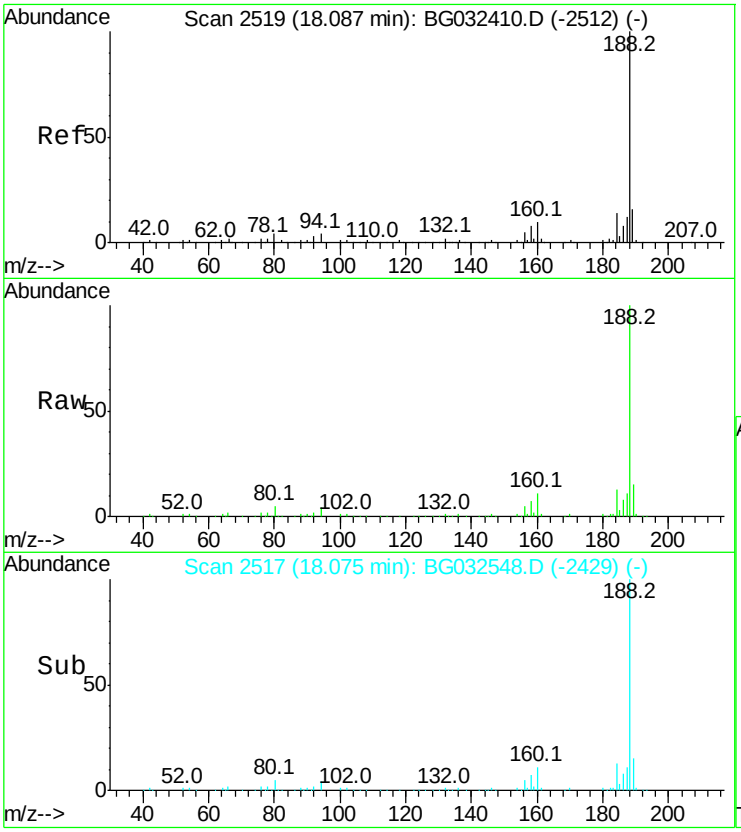


#59
Diethylphthalate
Concen: 2.828 ng
RT: 16.11 min Scan# 2183
Delta R.T. -0.02 min
Lab File: BG032548.D
Acq: 6 Feb 2018 00:03

Tgt Ion:149 Resp: 16607

Ion	Ratio	Lower	Upper
149	100		
177	20.4	18.5	27.7
150	10.1	10.2	15.2#



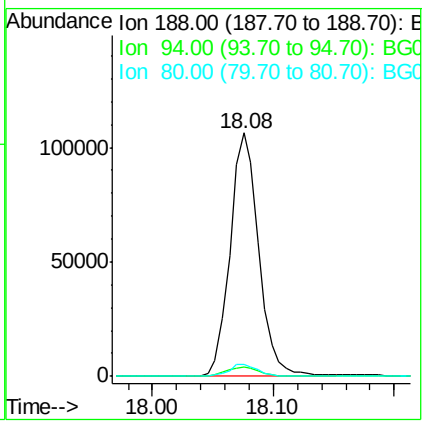


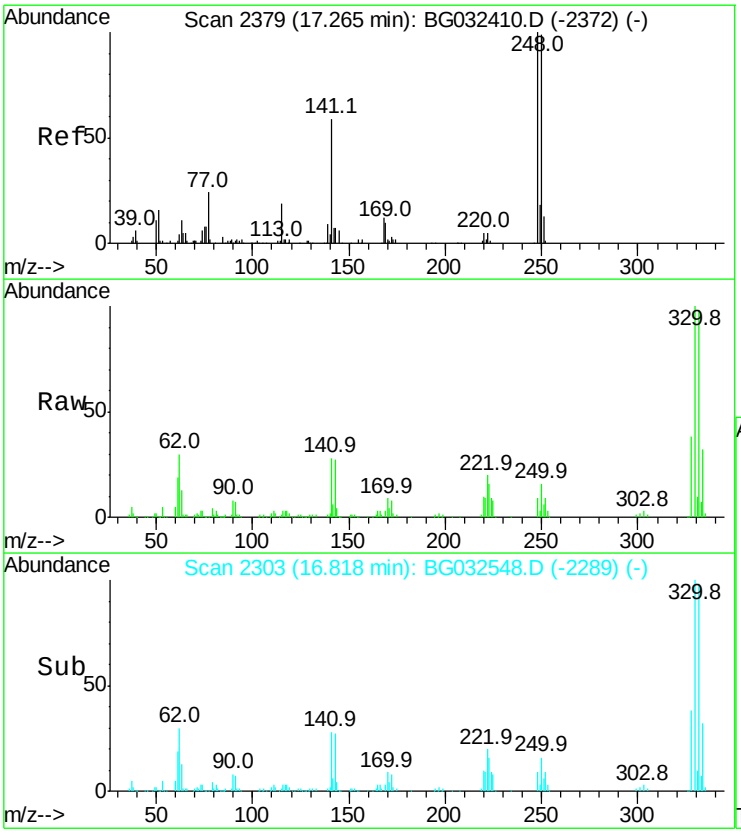
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.08 min Scan# 2517
Delta R.T. -0.01 min
Lab File: BG032548.D
Acq: 6 Feb 2018 00:03

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 175608

Ion	Ratio	Lower	Upper
188	100		
94	3.9	6.9	10.3#
80	4.6	7.7	11.5#

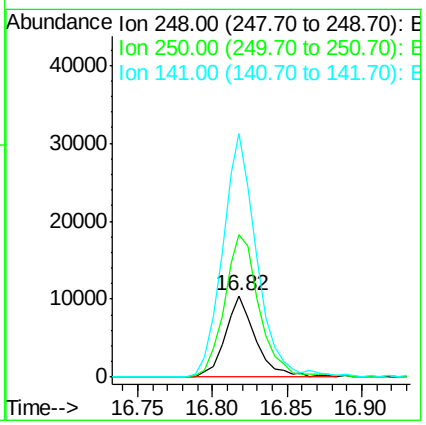


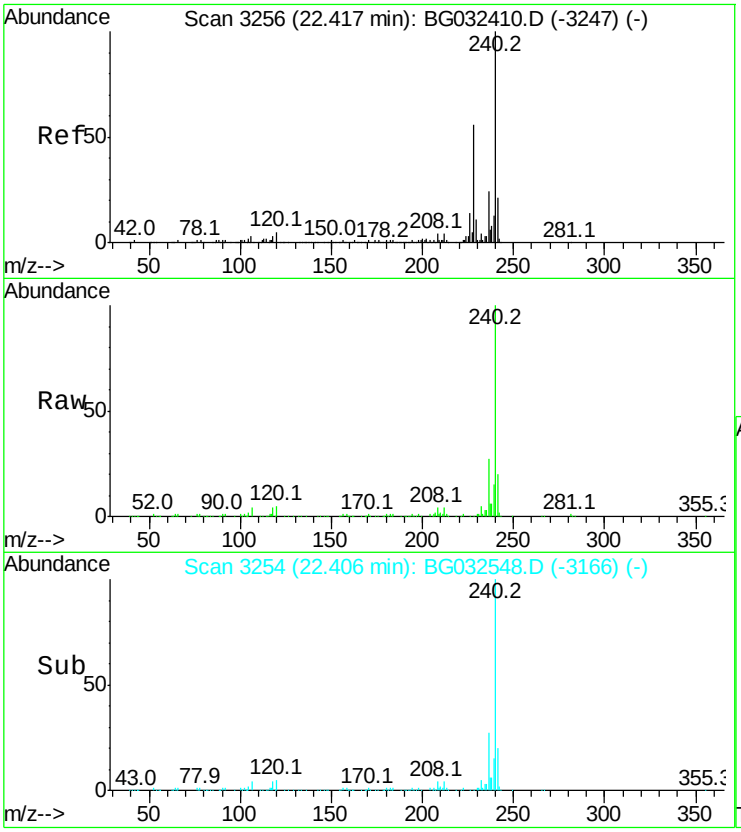


#66
4-Bromophenyl-phenylether
Concen: 5.693 ng
RT: 16.82 min Scan# 2303
Delta R.T. -0.45 min
Lab File: BG032548.D
Acq: 6 Feb 2018 00:03

Tgt Ion:248 Resp: 14812

Ion	Ratio	Lower	Upper
248	100		
250	174.7	77.1	115.7#
141	299.1	50.8	76.2#



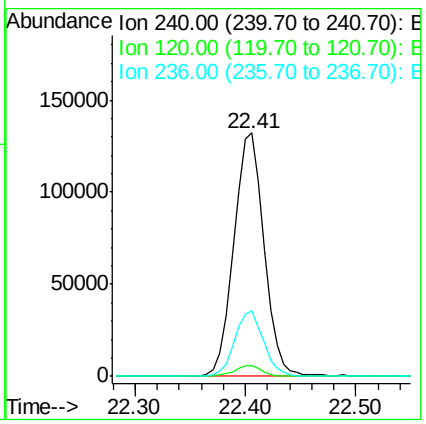


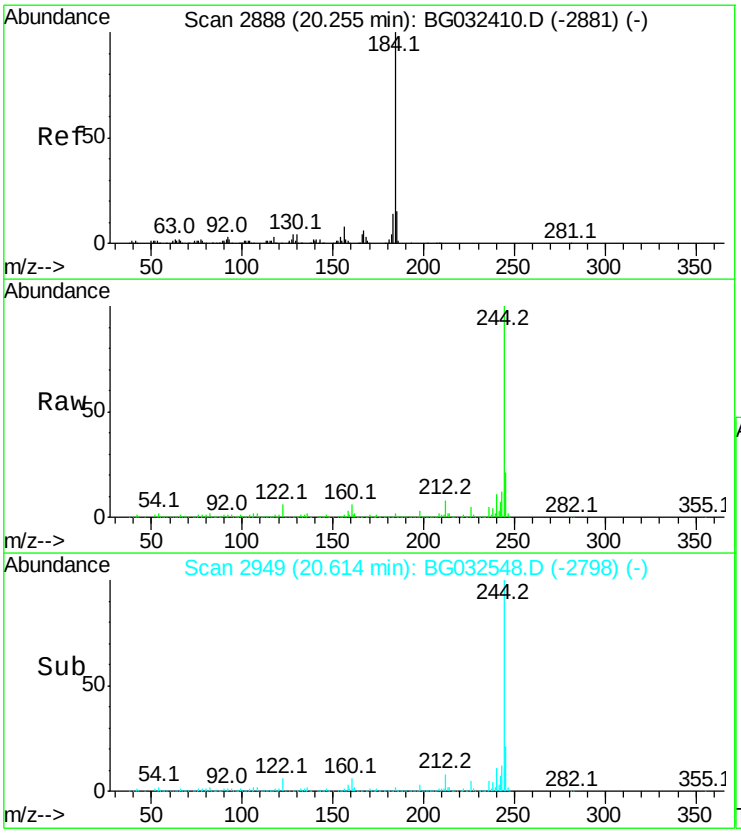
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.41 min Scan# 3254
Delta R.T. -0.01 min
Lab File: BG032548.D
Acq: 6 Feb 2018 00:03

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 255216

Ion	Ratio	Lower	Upper
240	100		
120	4.5	6.8	10.2#
236	26.8	20.9	31.3

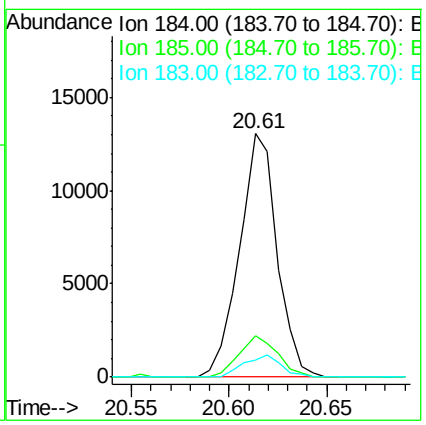


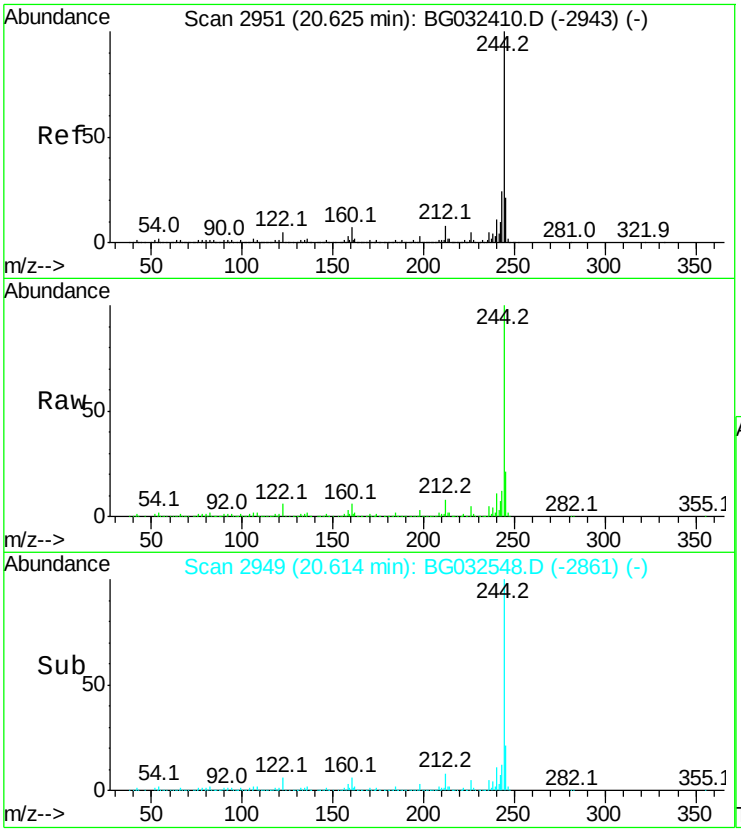


#76
Benzidine
Concen: 3.465 ng
RT: 20.61 min Scan# 2949
Delta R.T. 0.36 min
Lab File: BG032548.D
Acq: 6 Feb 2018 00:03

Tgt Ion:184 Resp: 17366

Ion	Ratio	Lower	Upper
184	100		
185	17.2	11.1	16.7#
183	7.0	10.6	16.0#



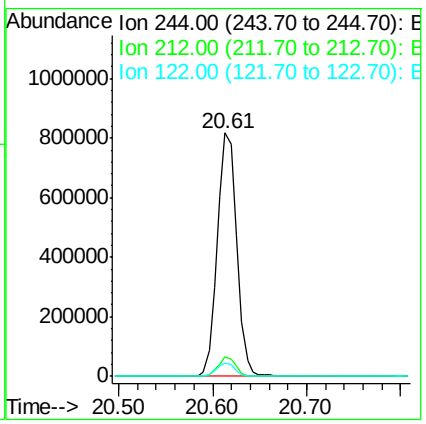


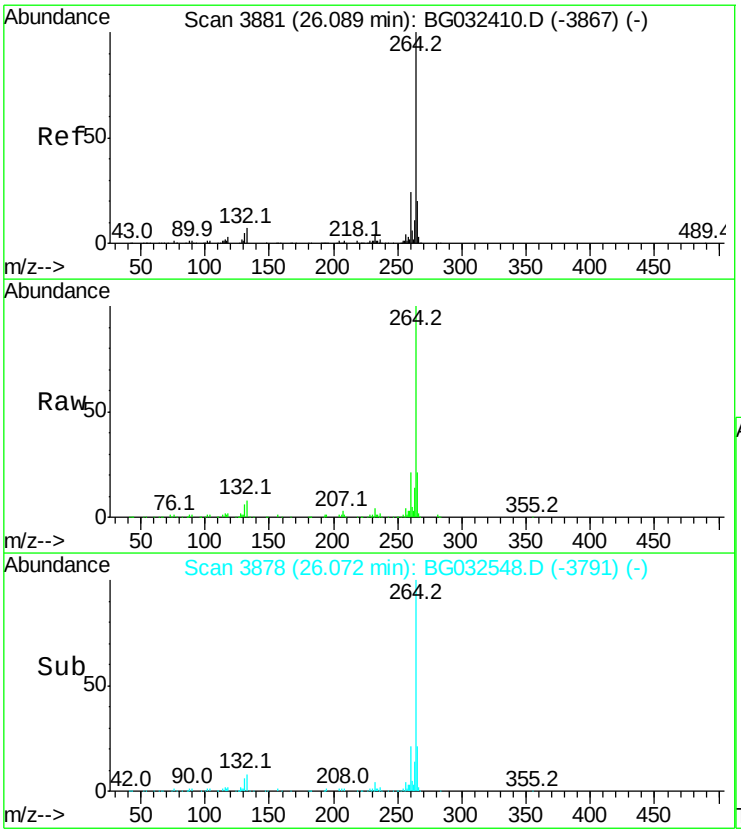
#78
Terphenyl-d14
Concen: 99.455 ng
RT: 20.61 min Scan# 2949
Delta R.T. -0.01 min
Lab File: BG032548.D
Acq: 6 Feb 2018 00:03

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1184944

Ion	Ratio	Lower	Upper
244	100		
212	8.1	5.8	8.8
122	5.7	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.07 min Scan# 3878
Delta R.T. -0.02 min
Lab File: BG032548.D
Acq: 6 Feb 2018 00:03

Tgt Ion:264 Resp: 267624

Ion	Ratio	Lower	Upper
264	100		
260	21.5	17.4	26.0
265	20.5	17.7	26.5