Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA G\DATA\BG013118\
Data File : BG032465.D
Acq On : 31 Jan 2018 14:51
Operator : SJ/JU
Sample : J1364-14
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Feb 01 01:36:53 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	8.71	152	29690	20.00	ng	0.00
21) Naphthalene-d8	11.59	136	116535	20.00	ng	0.00
38) Acenaphthene-d10	15.35	164	85459	20.00	ng	0.00
63) Phenanthrene-d10	18.08	188	219242	20.00	ng	0.00
75) Chrysene-d12	22.41	240	276279	20.00	ng	0.00
86) Perylene-d12	26.09	264	299617	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	66278	44.84	ng	0.00
7) Phenol-d6	7.83	99	50056	25.38	ng	0.00
23) Nitrobenzene-d5	9.91	82	173802	93.15	ng	0.00
41) 2,4,6-Tribromophenol	16.83	330	159390	97.98	ng	0.00
44) 2-Fluorobiphenyl	13.98	172	655108	91.11	ng	0.00
78) Terphenyl-d14	20.62	244	1139544	88.35	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.91	70	25394	19.417	ng	# 76
32) Benzoic acid	10.82	122	59	7.326	ng	# 19
50) 2,6-Dinitrotoluene	15.35	165	11221	6.785	ng	# 20
53) 2,4-Dinitrophenol	15.70	184	76	4.174	ng	# 1
56) 2,4-Dinitrotoluene	15.35	165	11221	4.765	ng	# 18
66) 4-Bromophenyl-phenylether	16.82	248	12857	3.958	ng	# 1
76) Benzidine	20.62	184	17226	3.175	ng	# 91

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

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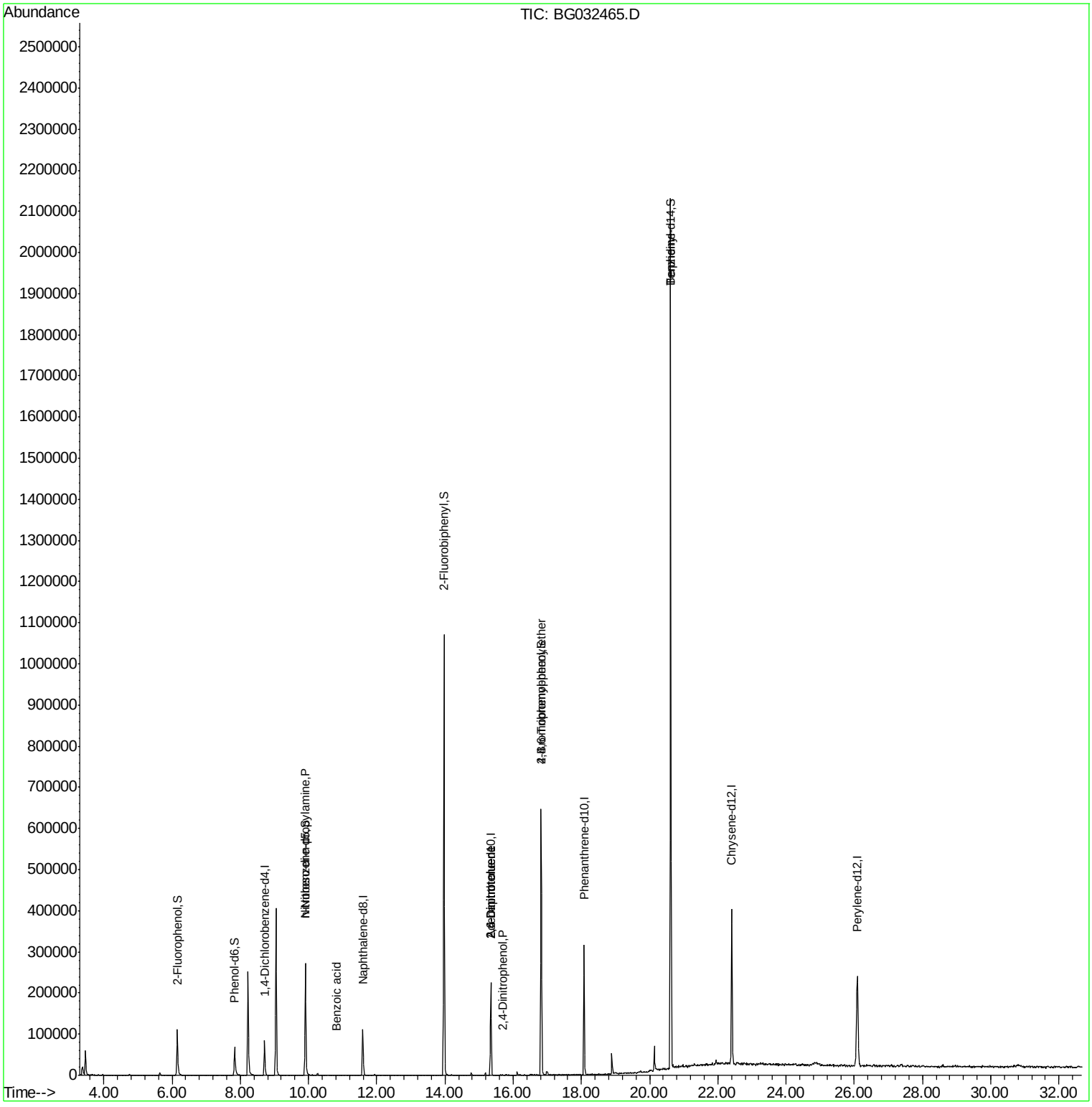
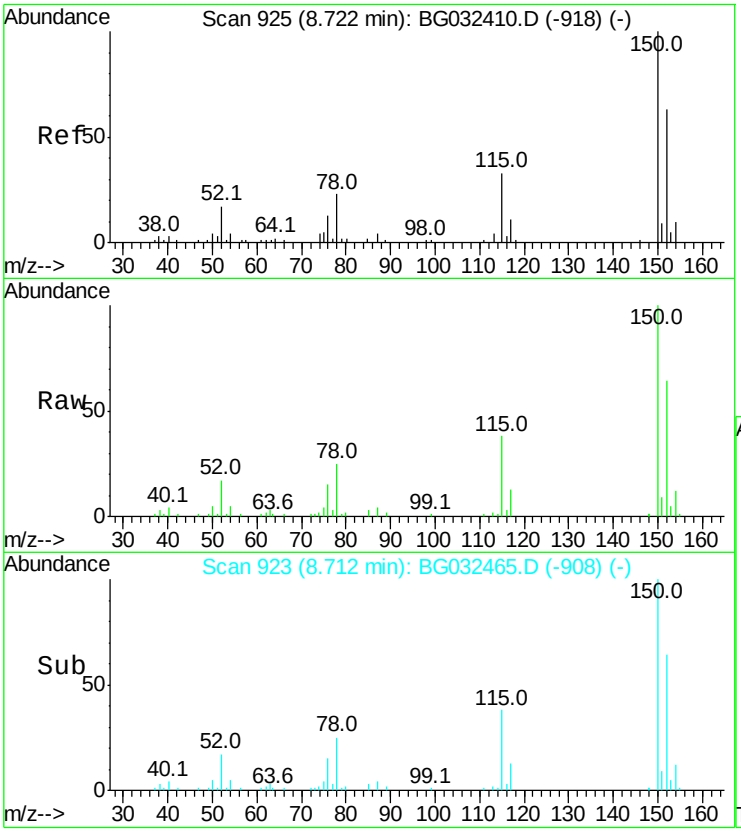


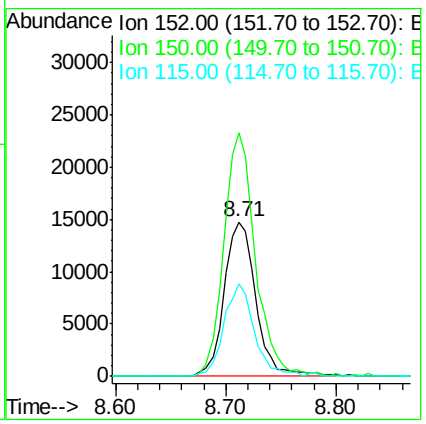


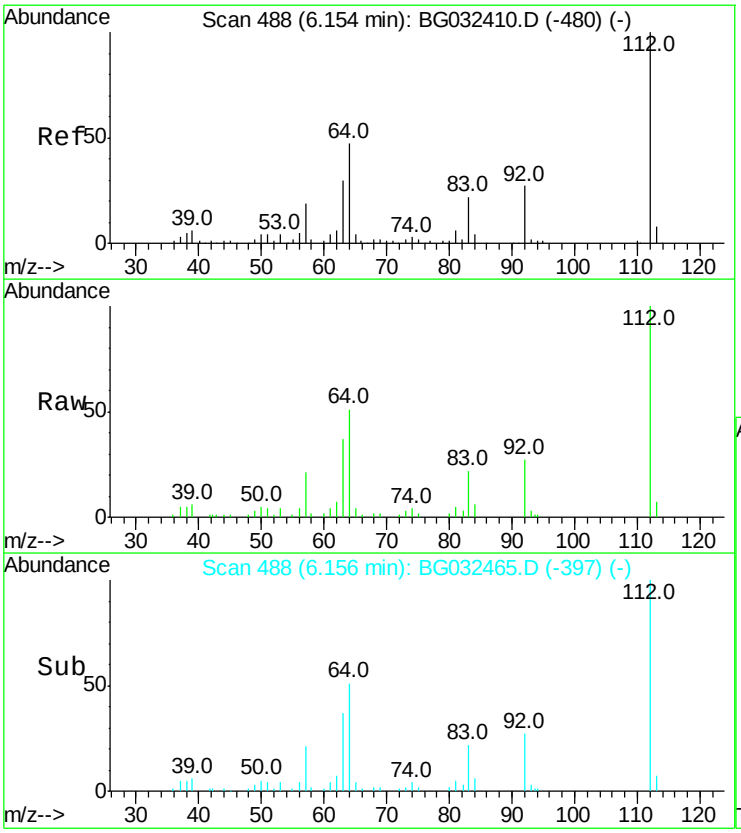
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.71 min Scan# 923
Delta R.T. -0.01 min
Lab File: BG032465.D
Acq: 31 Jan 2018 14:51

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 29690

Ion	Ratio	Lower	Upper
152	100		
150	157.5	126.6	189.8
115	59.7	53.0	79.4

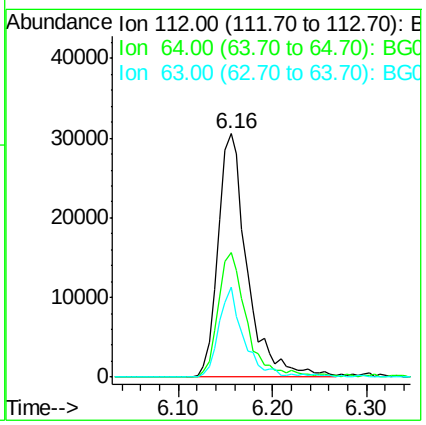


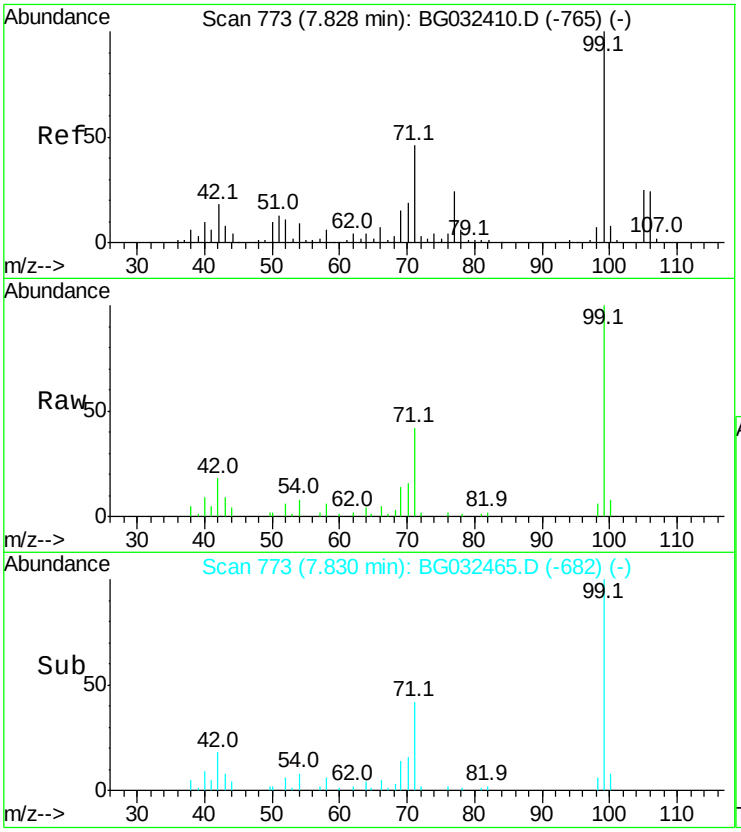


#5
2-Fluorophenol
Concen: 44.838 ng
RT: 6.16 min Scan# 488
Delta R.T. 0.00 min
Lab File: BG032465.D
Acq: 31 Jan 2018 14:51

Tgt Ion:112 Resp: 66278

Ion	Ratio	Lower	Upper
112	100		
64	51.1	56.3	84.5#
63	37.0	30.1	45.1



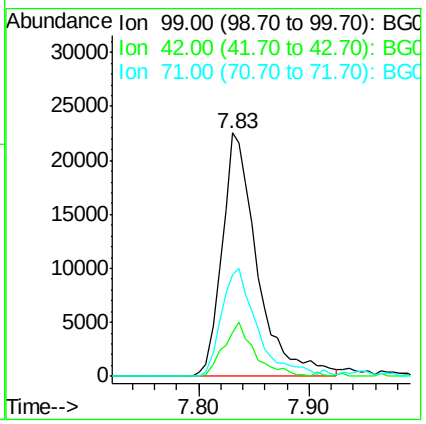


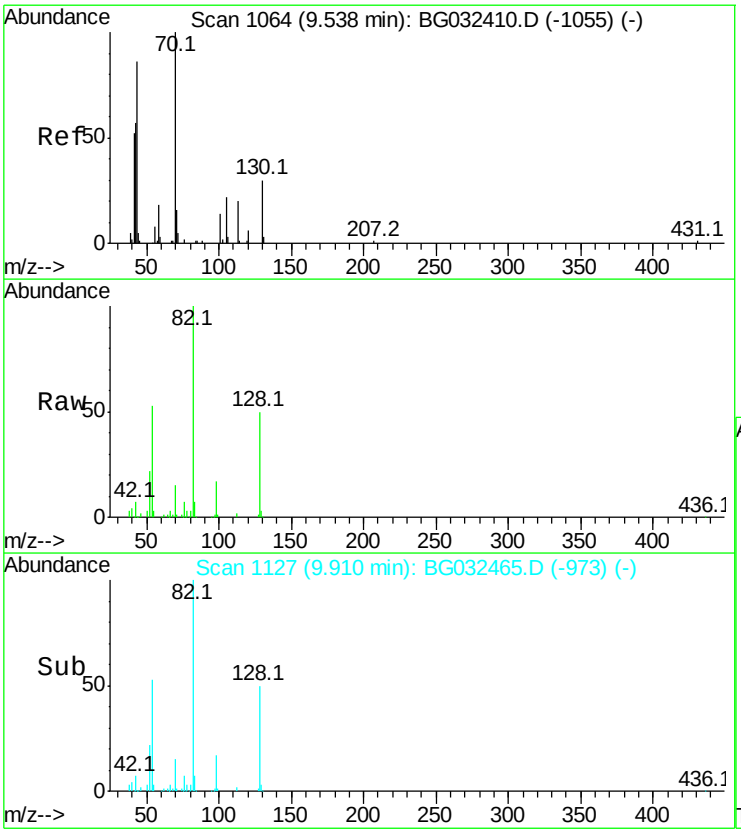
#7
Phenol-d6
Concen: 25.377 ng
RT: 7.83 min Scan# 773
Delta R.T. 0.00 min
Lab File: BG032465.D
Acq: 31 Jan 2018 14:51

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 50056

Ion	Ratio	Lower	Upper
99	100		
42	18.3	14.1	21.1
71	41.8	26.1	39.1#

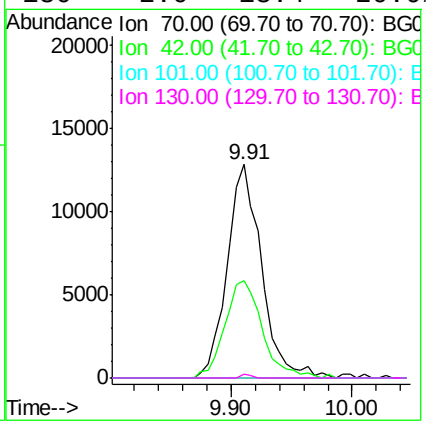


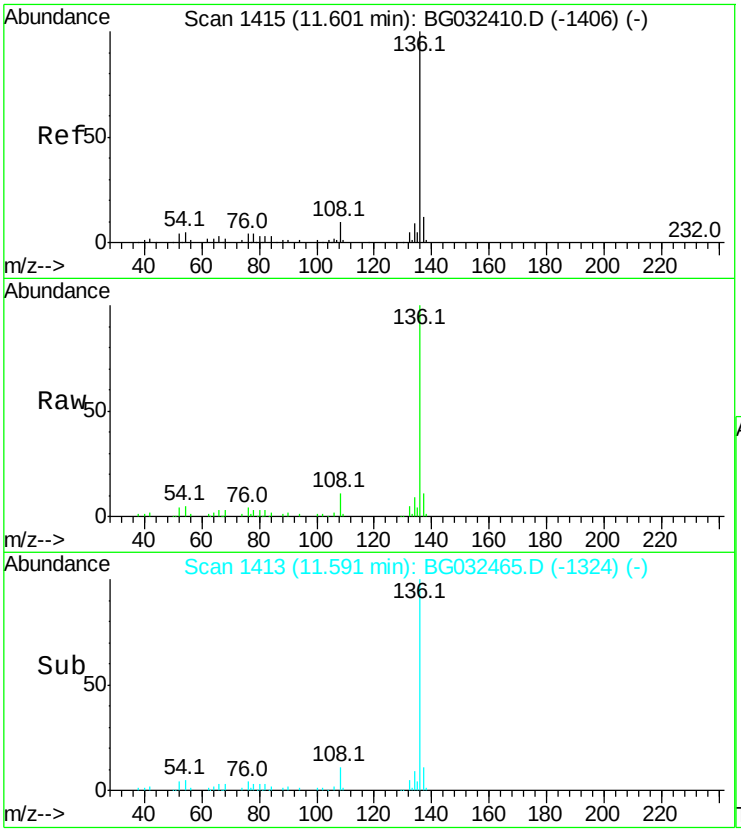


#19
n-Nitroso-di-n-propylamine
Concen: 19.417 ng
RT: 9.91 min Scan# 1127
Delta R.T. 0.37 min
Lab File: BG032465.D
Acq: 31 Jan 2018 14:51

Tgt Ion: 70 Resp: 25394

Ion	Ratio	Lower	Upper
70	100		
42	45.7	49.1	73.7#
101	0.0	8.5	12.7#
130	2.0	13.4	20.0#



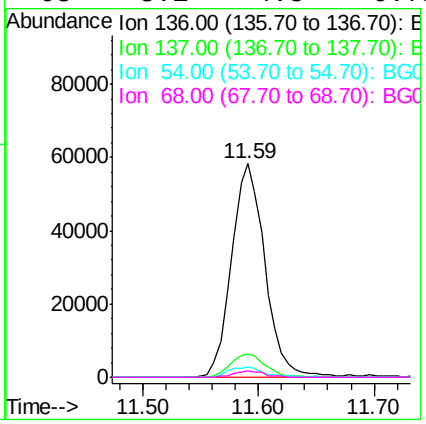


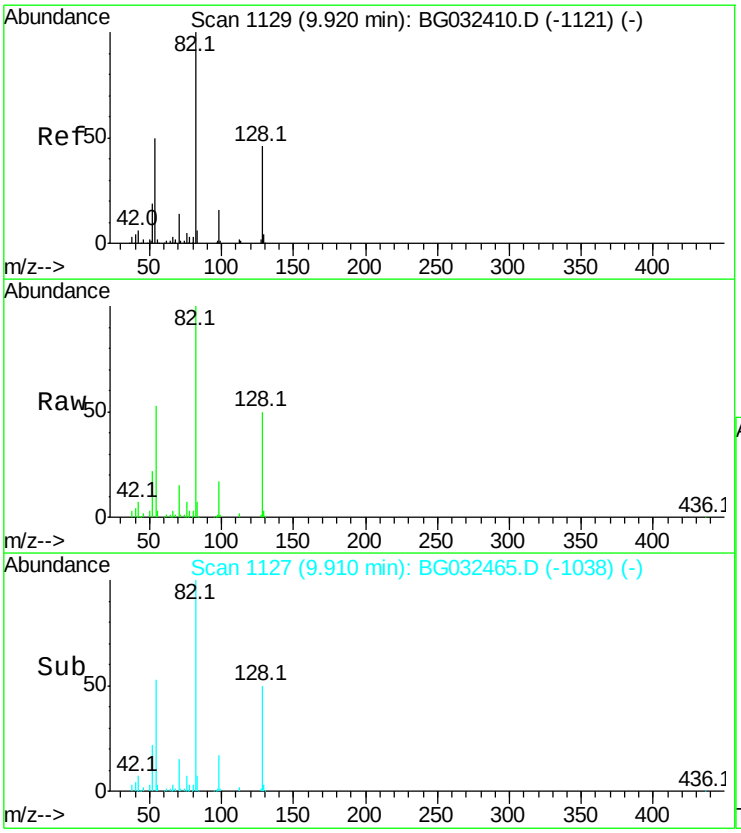
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.59 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BG032465.D
Acq: 31 Jan 2018 14:51

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 116535

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	4.9	10.3	15.5#
68	3.1	4.5	6.7#

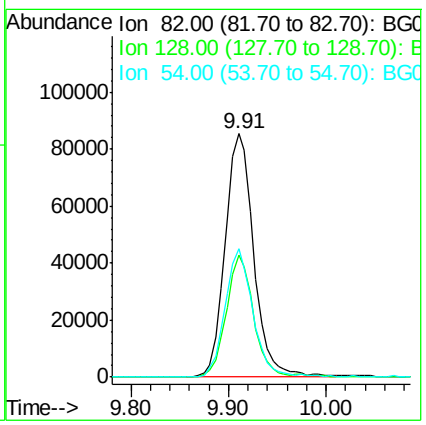


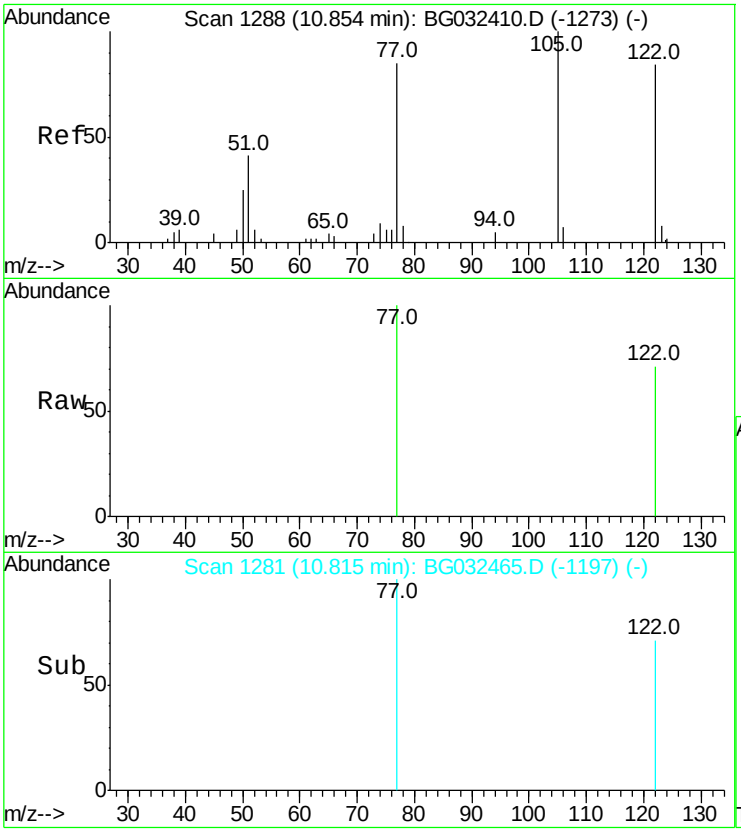


#23
Nitrobenzene-d5
Concen: 93.154 ng
RT: 9.91 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BG032465.D
Acq: 31 Jan 2018 14:51

Tgt Ion: 82 Resp: 173802

Ion	Ratio	Lower	Upper
82	100		
128	50.2	29.7	44.5#
54	53.0	43.1	64.7



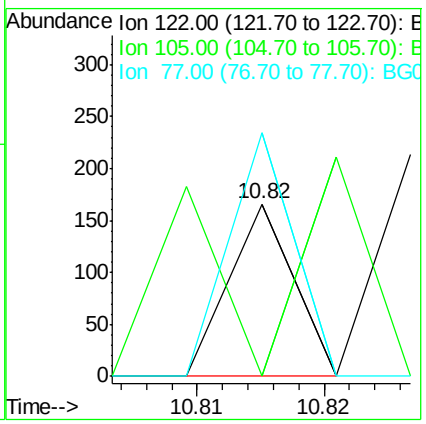


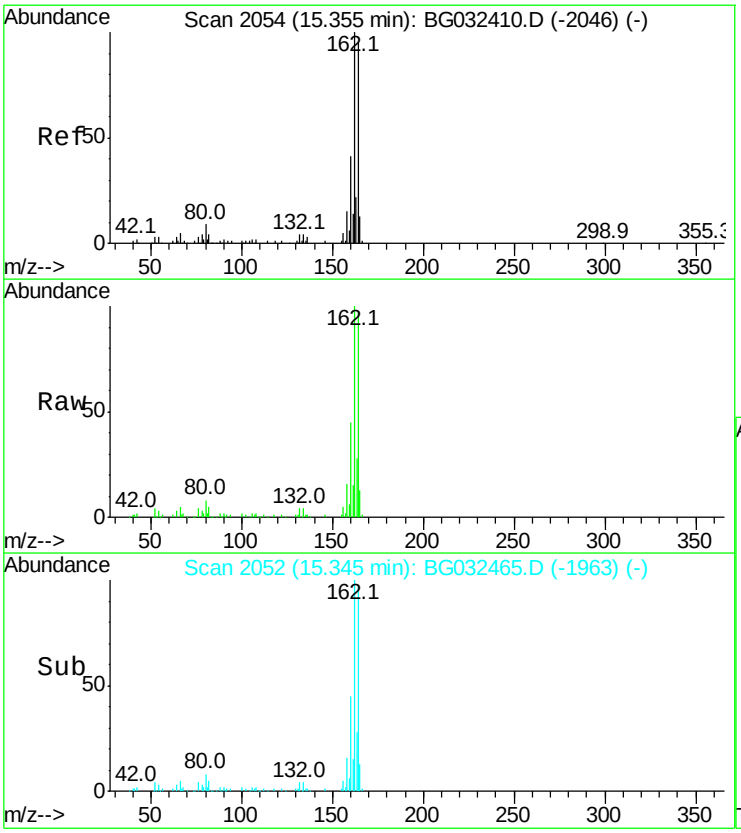
#32
Benzoic acid
Concen: 7.326 ng
RT: 10.82 min Scan# 1281
Delta R.T. -0.04 min
Lab File: BG032465.D
Acq: 31 Jan 2018 14:51

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:122 Resp: 59

Ion	Ratio	Lower	Upper
122	100		
105	0.0	123.5	163.5#
77	141.0	85.7	125.7#

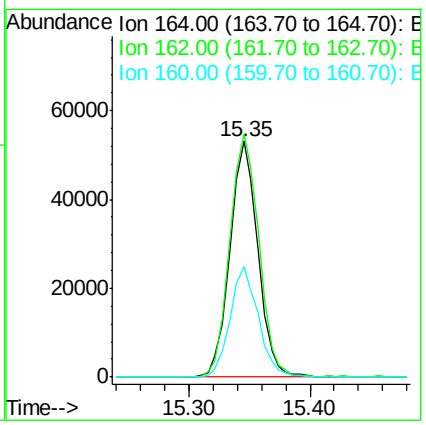


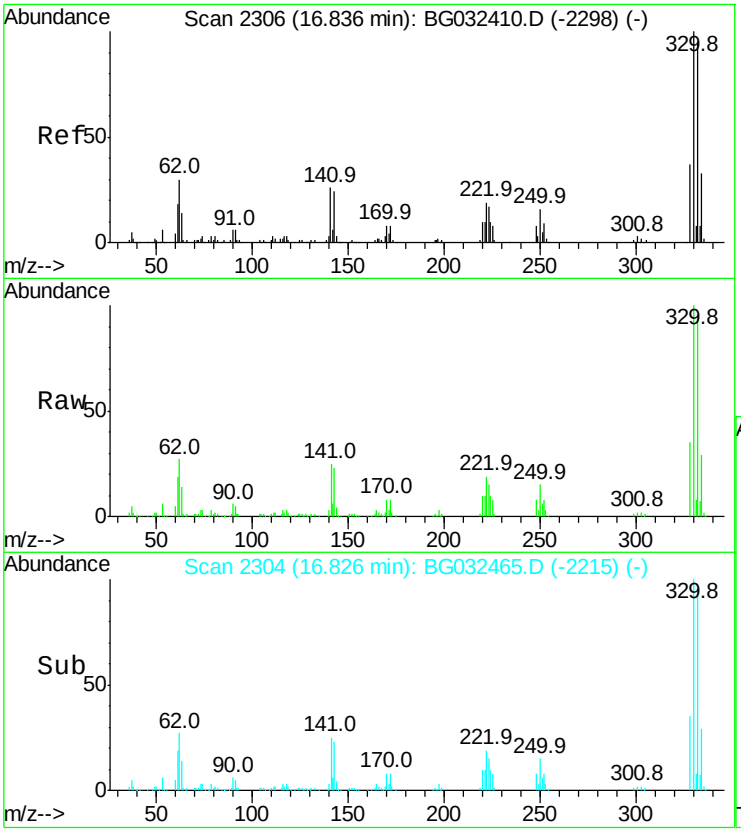


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.35 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BG032465.D
Acq: 31 Jan 2018 14:51

Tgt Ion:164 Resp: 85459

Ion	Ratio	Lower	Upper
164	100		
162	103.2	78.8	118.2
160	46.9	35.4	53.0



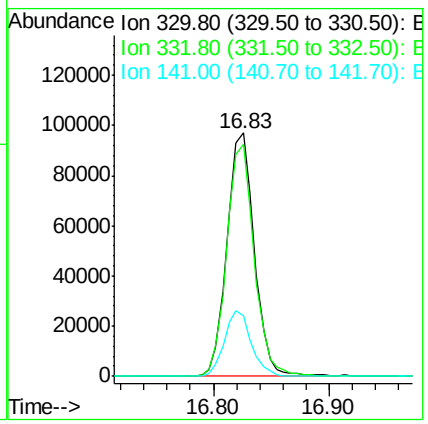


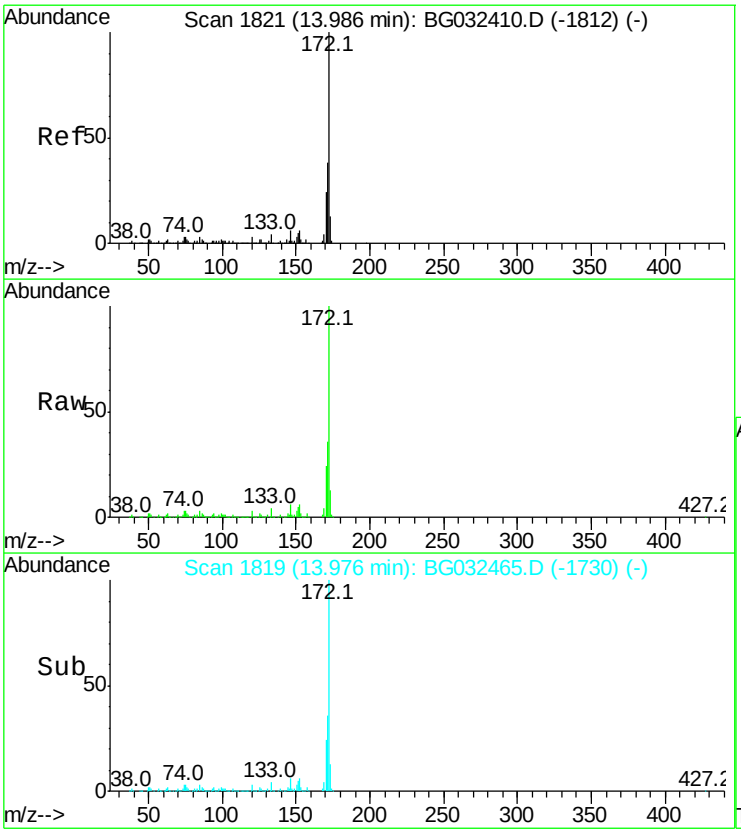
#41
2,4,6-Tribromophenol
Concen: 97.983 ng
RT: 16.83 min Scan# 2304
Delta R.T. -0.01 min
Lab File: BG032465.D
Acq: 31 Jan 2018 14:51

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 159390

Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	26.7	25.2	37.8

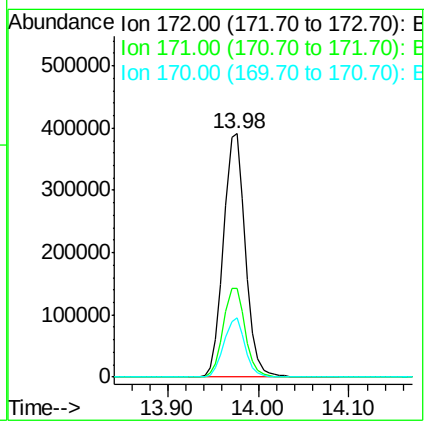


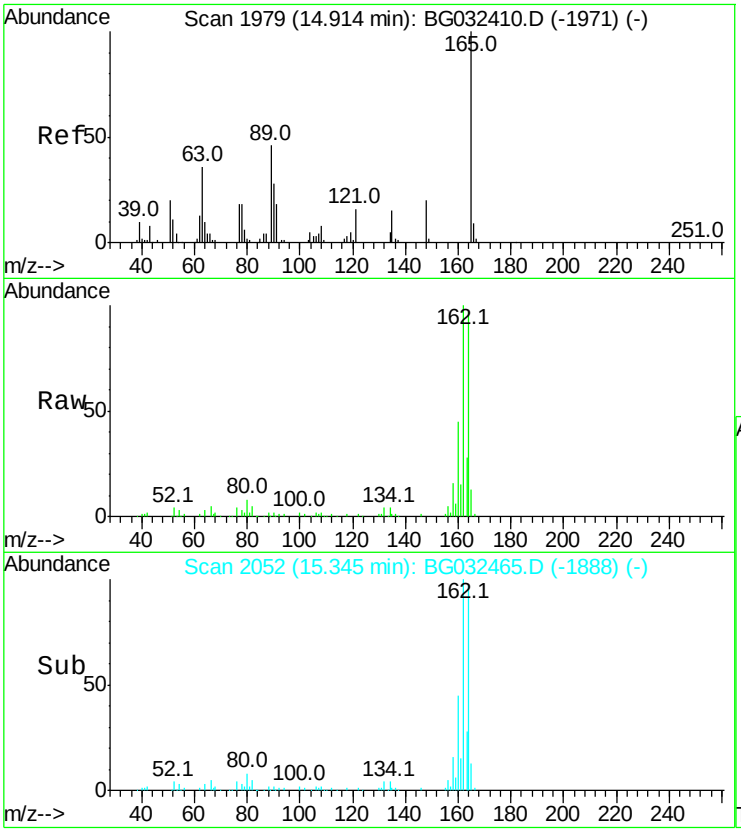


#44
2-Fluorobiphenyl
Concen: 91.113 ng
RT: 13.98 min Scan# 1819
Delta R.T. -0.01 min
Lab File: BG032465.D
Acq: 31 Jan 2018 14:51

Tgt Ion:172 Resp: 655108

Ion	Ratio	Lower	Upper
172	100		
171	36.2	30.0	45.0
170	24.2	19.5	29.3



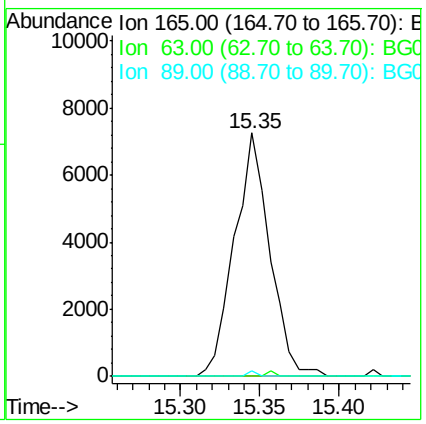


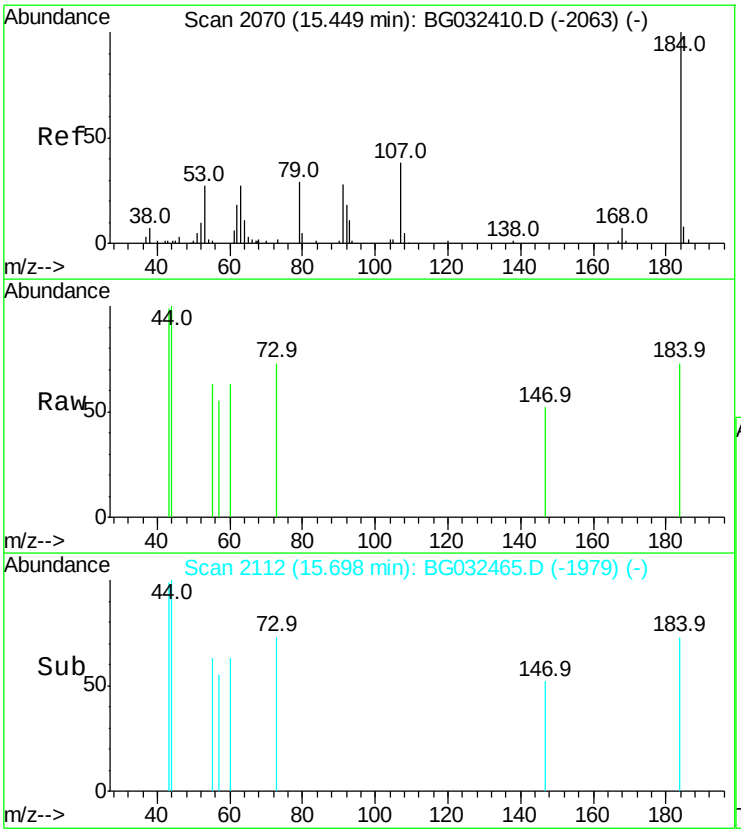
#50
2,6-Dinitrotoluene
Concen: 6.785 ng
RT: 15.35 min Scan# 2052
Delta R.T. 0.43 min
Lab File: BG032465.D
Acq: 31 Jan 2018 14:51

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 11221

Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	2.2	49.2	73.8#

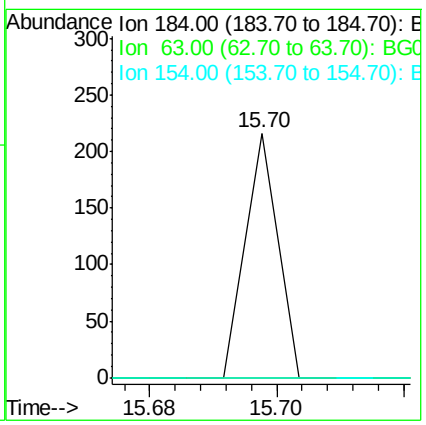


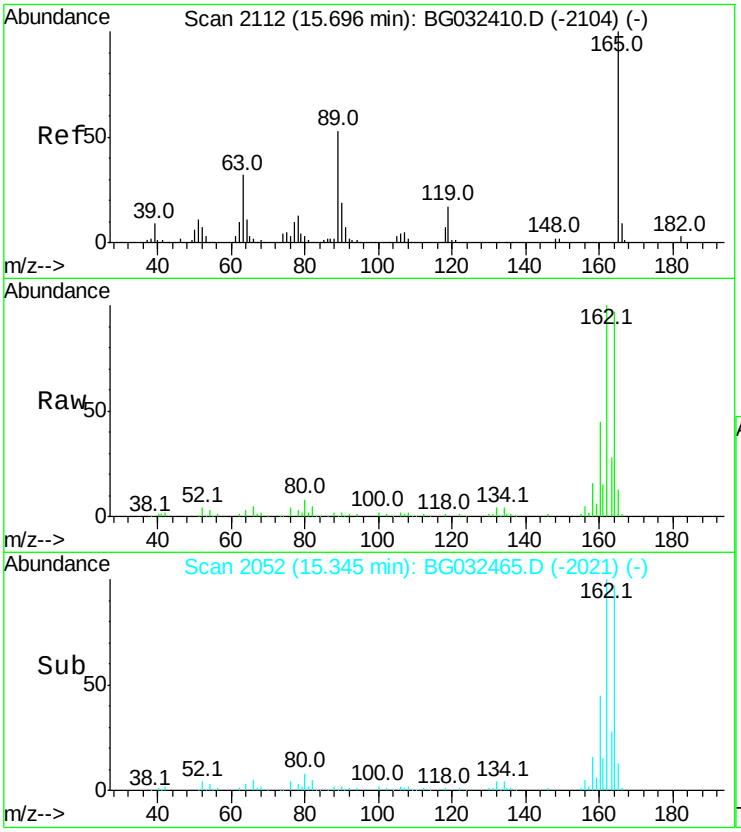


#53
2,4-Dinitrophenol
Concen: 4.174 ng
RT: 15.70 min Scan# 2112
Delta R.T. 0.25 min
Lab File: BG032465.D
Acq: 31 Jan 2018 14:51

Tgt Ion:184 Resp: 76

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



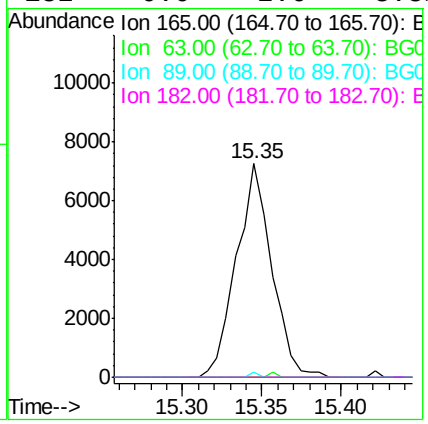


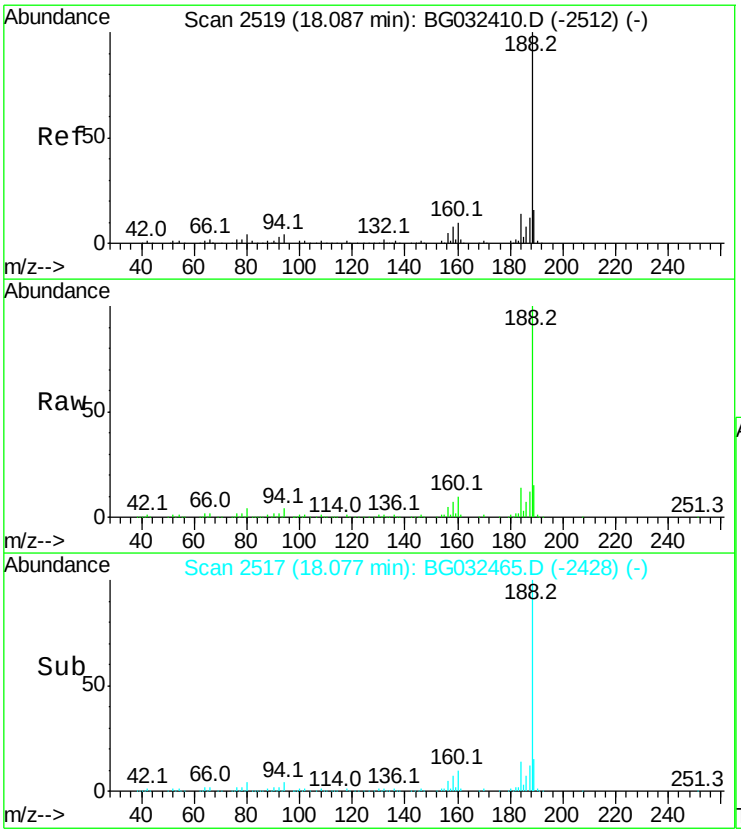
#56
2,4-Dinitrotoluene
Concen: 4.765 ng
RT: 15.35 min Scan# 2052
Delta R.T. -0.35 min
Lab File: BG032465.D
Acq: 31 Jan 2018 14:51

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 11221

Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	2.2	66.9	100.3#
182	0.0	2.6	3.8#

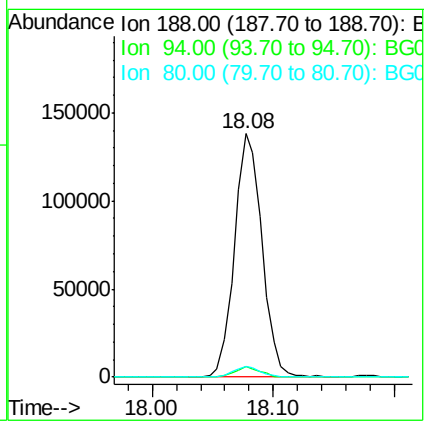


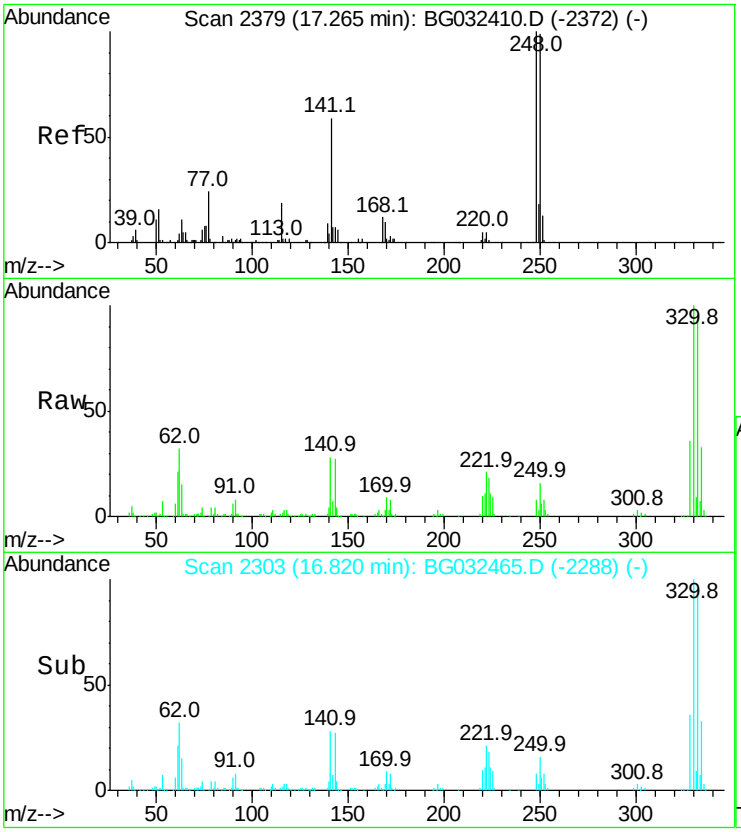


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.08 min Scan# 2517
Delta R.T. -0.01 min
Lab File: BG032465.D
Acq: 31 Jan 2018 14:51

Tgt Ion:188 Resp: 219242

Ion	Ratio	Lower	Upper
188	100		
94	4.4	6.9	10.3#
80	4.1	7.7	11.5#



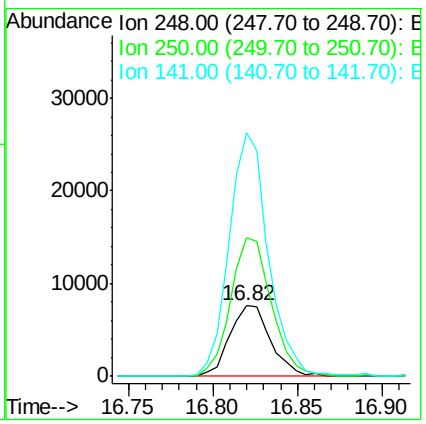


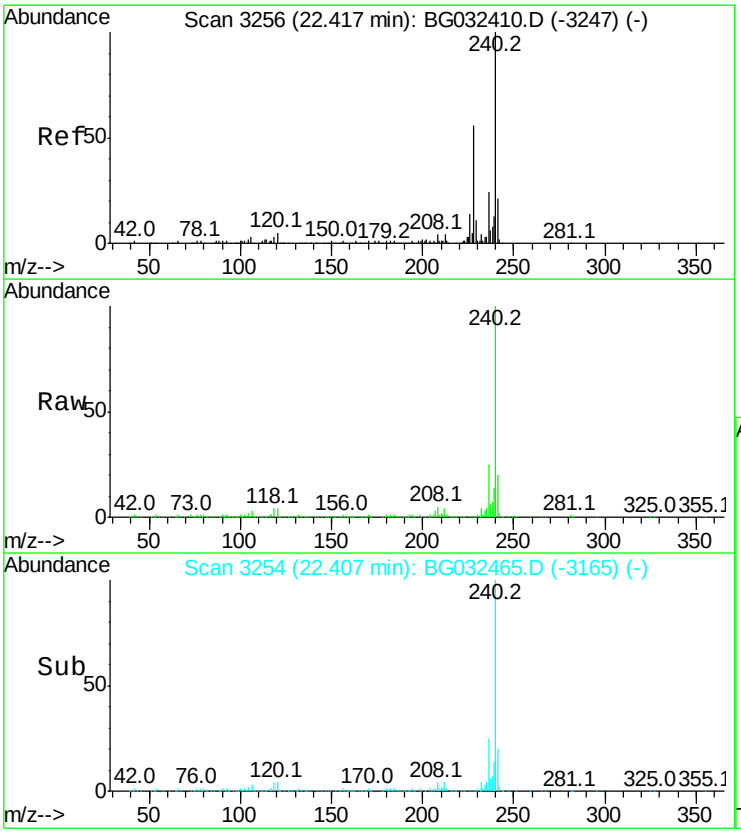
#66
4-Bromophenyl-phenylether
Concen: 3.958 ng
RT: 16.82 min Scan# 2303
Delta R.T. -0.44 min
Lab File: BG032465.D
Acq: 31 Jan 2018 14:51

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 12857

Ion	Ratio	Lower	Upper
248	100		
250	196.2	77.1	115.7#
141	345.3	50.8	76.2#

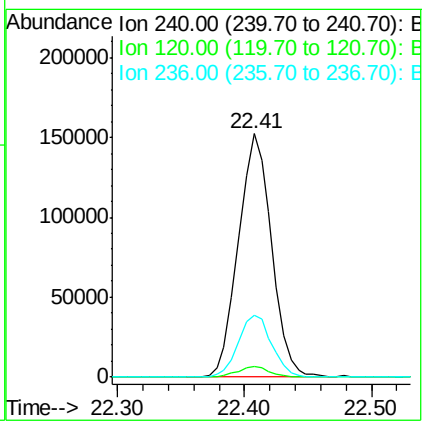


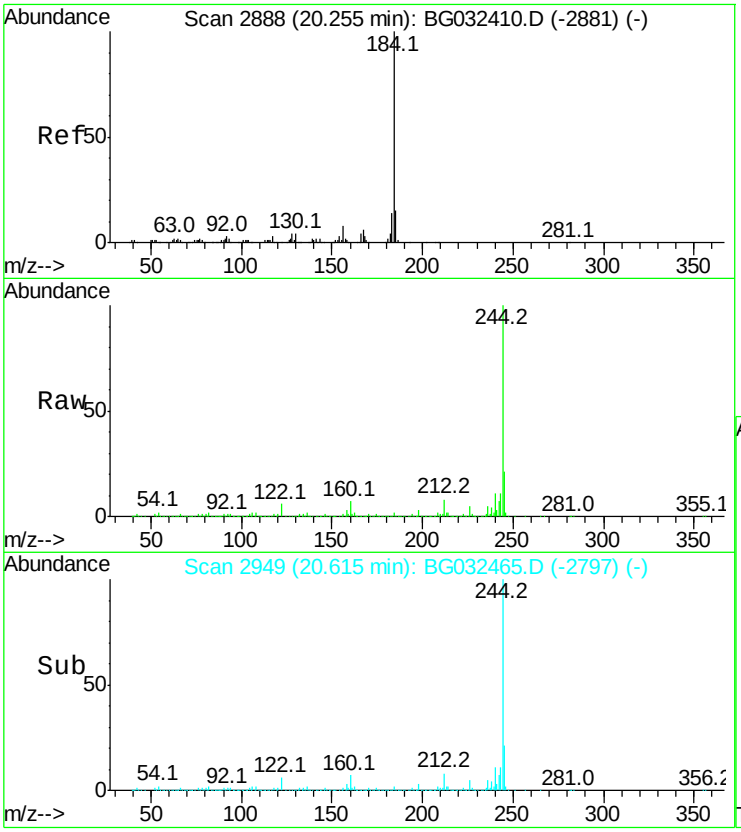


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.41 min Scan# 3254
Delta R.T. -0.01 min
Lab File: BG032465.D
Acq: 31 Jan 2018 14:51

Tgt Ion:240 Resp: 276279

Ion	Ratio	Lower	Upper
240	100		
120	4.2	6.8	10.2#
236	25.3	20.9	31.3



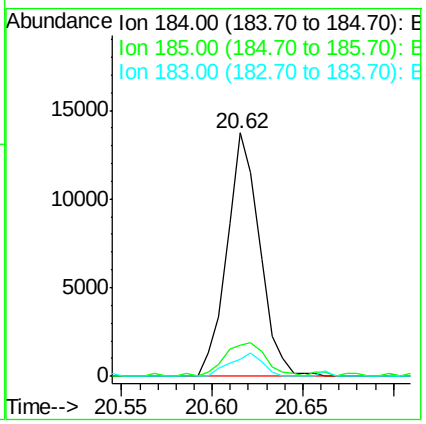


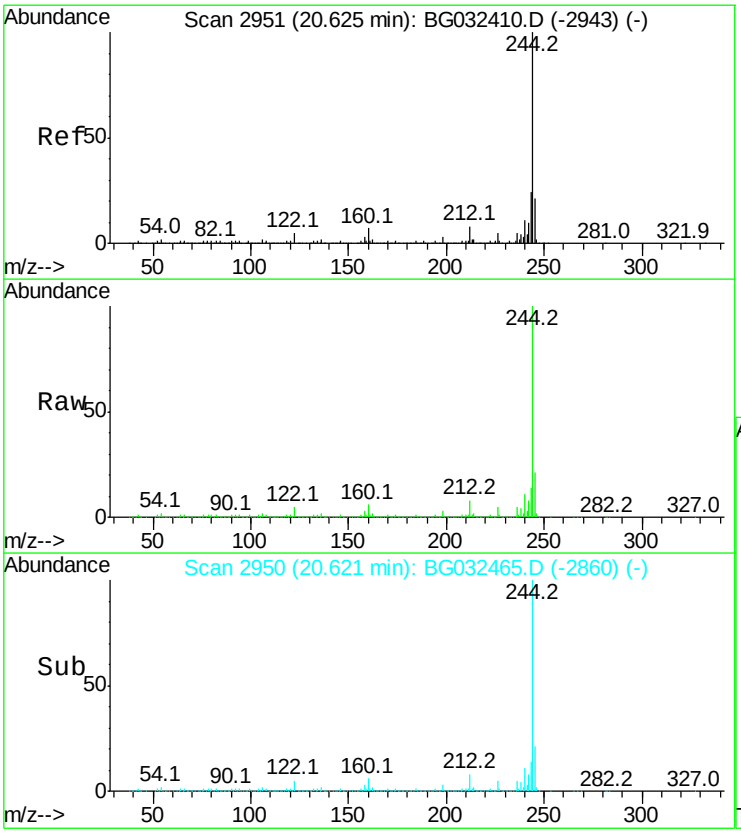
#76
Benzidine
Concen: 3.175 ng
RT: 20.62 min Scan# 2949
Delta R.T. 0.36 min
Lab File: BG032465.D
Acq: 31 Jan 2018 14:51

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 17226

Ion	Ratio	Lower	Upper
184	100		
185	12.7	11.1	16.7
183	7.0	10.6	16.0#

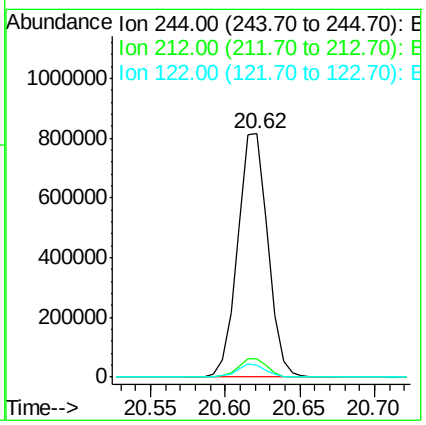


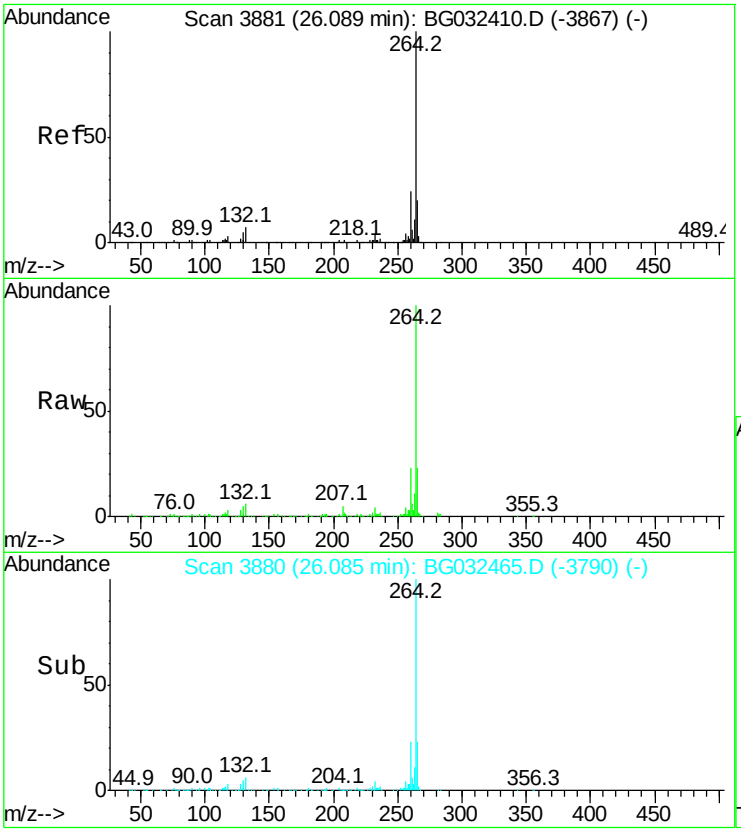


#78
Terphenyl-d14
Concen: 88.353 ng
RT: 20.62 min Scan# 2950
Delta R.T. -0.00 min
Lab File: BG032465.D
Acq: 31 Jan 2018 14:51

Tgt Ion:244 Resp: 1139544

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.8	8.8
122	4.8	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.09 min Scan# 3880
Delta R.T. -0.00 min
Lab File: BG032465.D
Acq: 31 Jan 2018 14:51

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 299617

Ion	Ratio	Lower	Upper
264	100		
260	23.3	17.4	26.0
265	22.5	17.7	26.5