Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA G\DATA\BG013118\
Data File : BG032485.D
Acq On : 1 Feb 2018 4:40
Operator : SJ/JU
Sample : J1384-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Feb 01 05:52:29 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	25449	20.00	ng	-0.01
21) Naphthalene-d8	11.59	136	104469	20.00	ng	-0.01
38) Acenaphthene-d10	15.34	164	74179	20.00	ng	-0.01
63) Phenanthrene-d10	18.08	188	202788	20.00	ng	-0.01
75) Chrysene-d12	22.41	240	267572	20.00	ng	-0.01
86) Perylene-d12	26.08	264	292564	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	173932	137.28	ng	0.00
7) Phenol-d6	7.84	99	195277	115.50	ng	0.00
23) Nitrobenzene-d5	9.91	82	152897	91.41	ng	-0.01
41) 2,4,6-Tribromophenol	16.83	330	224208	158.79	ng	-0.01
44) 2-Fluorobiphenyl	13.98	172	559831	89.70	ng	-0.01
78) Terphenyl-d14	20.62	244	1218066	97.51	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.91	70	22520	20.089	ng	# 77
31) Naphthalene	11.64	128	17106	3.353	ng	# 95
32) Benzoic acid	11.20	122	75	7.344	ng	# 1
50) 2,6-Dinitrotoluene	15.34	165	9976	6.949	ng	# 20
53) 2,4-Dinitrophenol	15.69	184	76	4.185	ng	# 1
56) 2,4-Dinitrotoluene	15.34	165	9976	4.881	ng	# 18
66) 4-Bromophenyl-phenylether	16.83	248	18112	6.029	ng	# 1
76) Benzidine	20.62	184	18829	3.584	ng	# 93

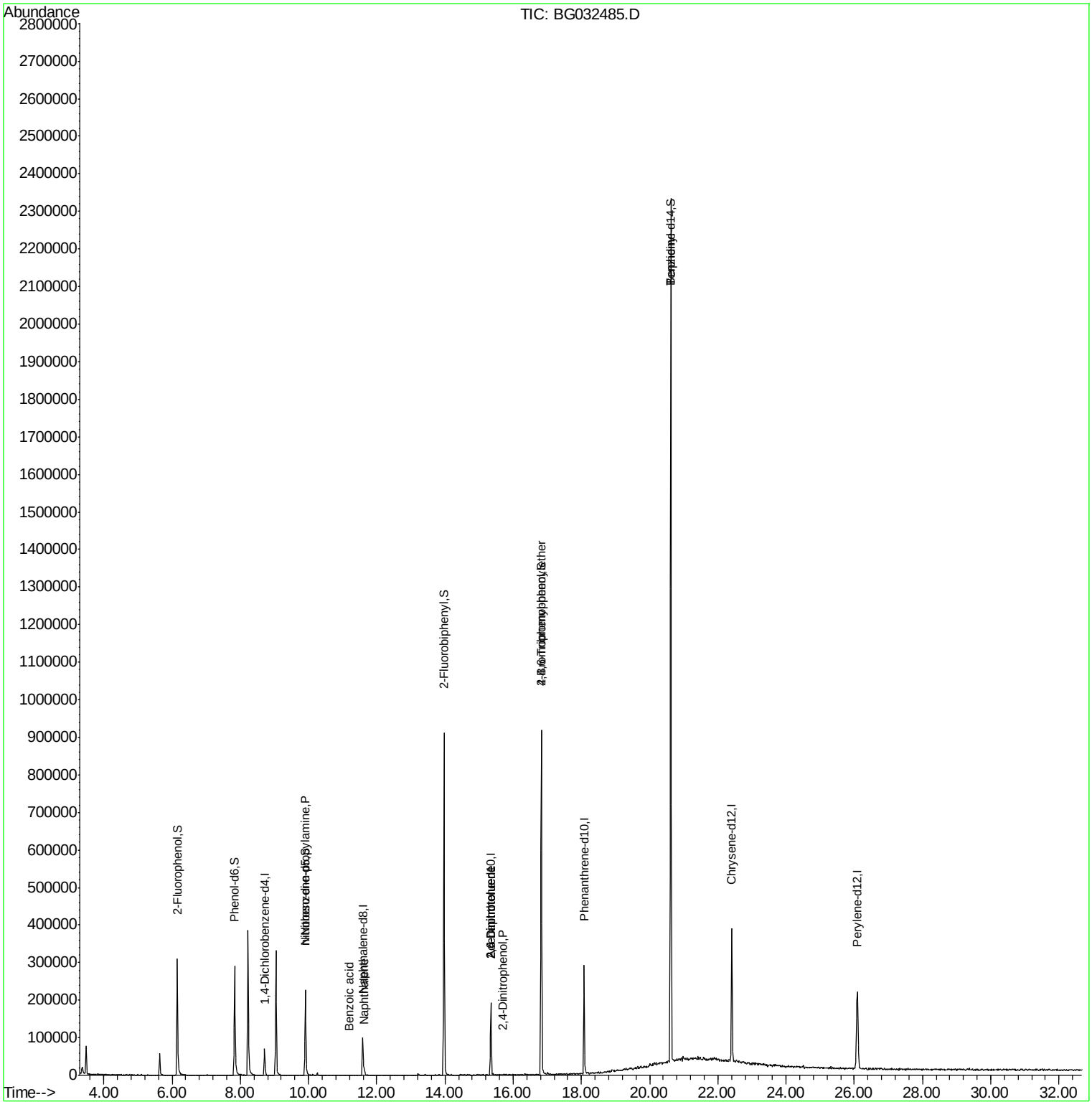
(#) = qualifier out of range (m) = manual integration (+) = signals summed

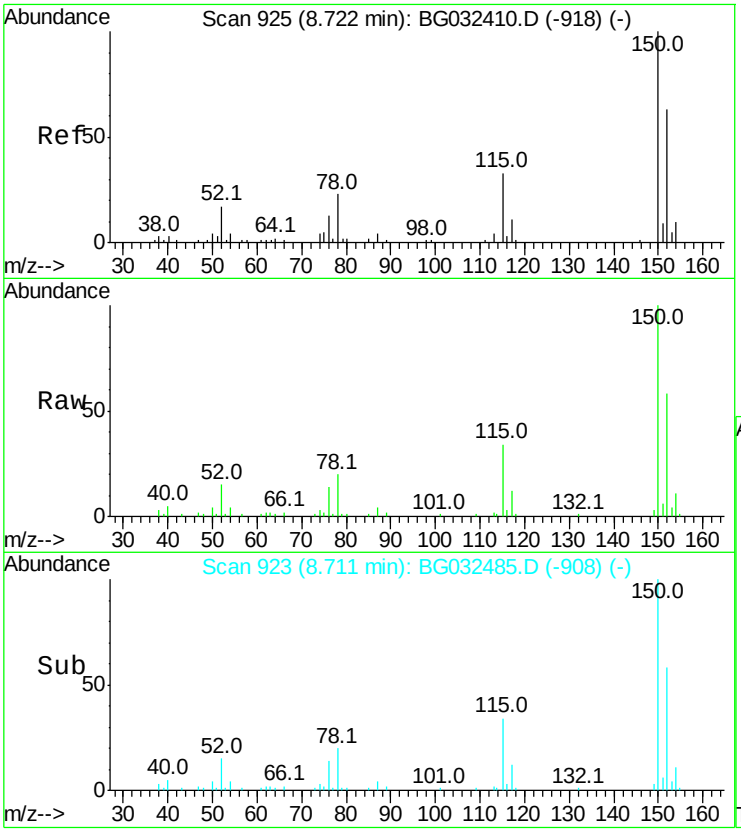
Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA G\DATA\BG013118\
Data File : BG032485.D
Acq On : 1 Feb 2018 4:40
Operator : SJ/JU
Sample : J1384-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Feb 01 05:52:29 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



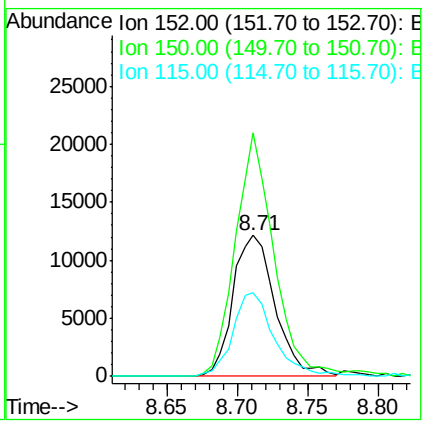


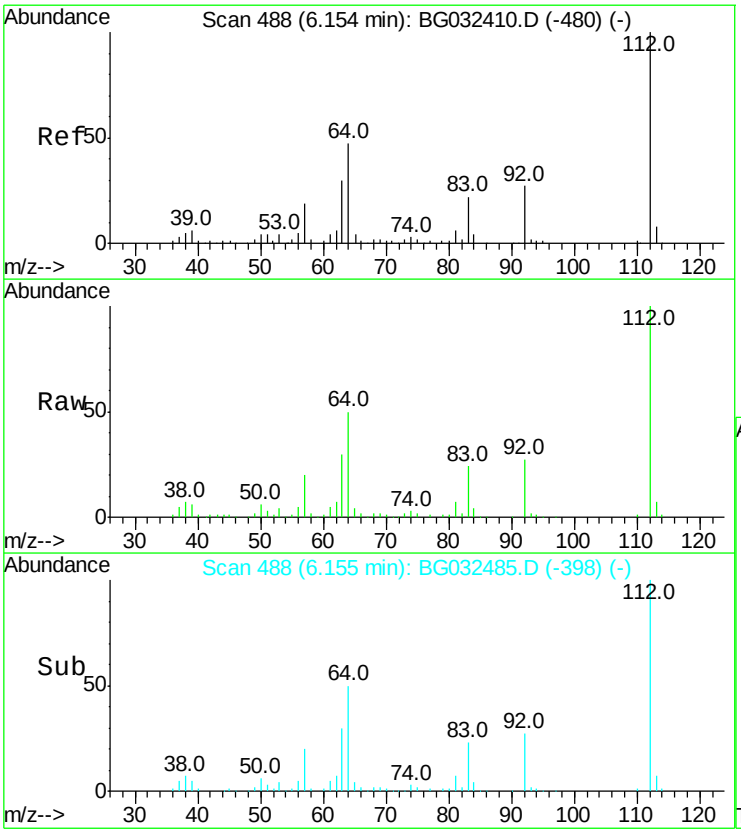
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.71 min Scan# 923
Delta R.T. -0.01 min
Lab File: BG032485.D
Acq: 1 Feb 2018 4:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 25449

Ion	Ratio	Lower	Upper
152	100		
150	172.5	126.6	189.8
115	59.1	53.0	79.4

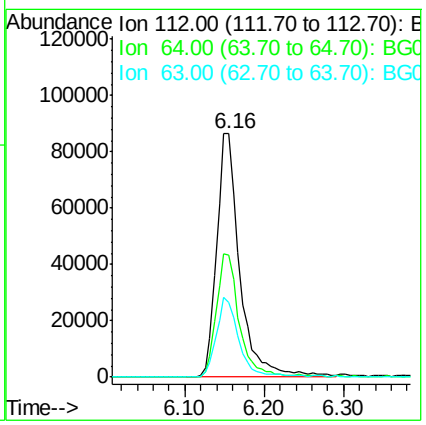


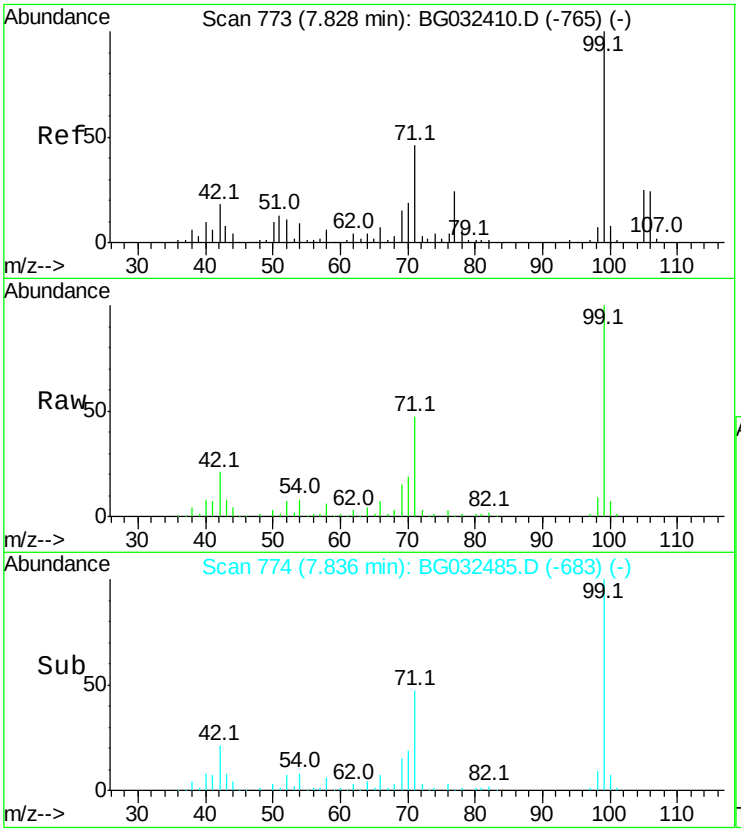


#5
2-Fluorophenol
Concen: 137.275 ng
RT: 6.16 min Scan# 488
Delta R.T. 0.00 min
Lab File: BG032485.D
Acq: 1 Feb 2018 4:40

Tgt Ion:112 Resp: 173932

Ion	Ratio	Lower	Upper
112	100		
64	50.0	56.3	84.5#
63	30.5	30.1	45.1



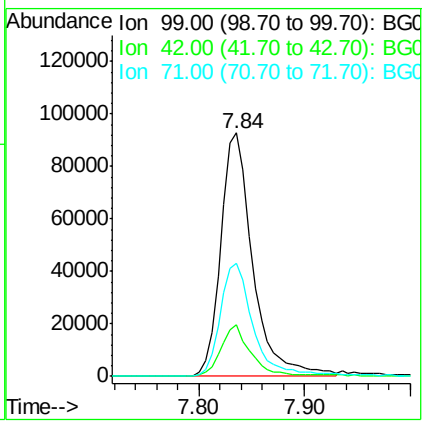


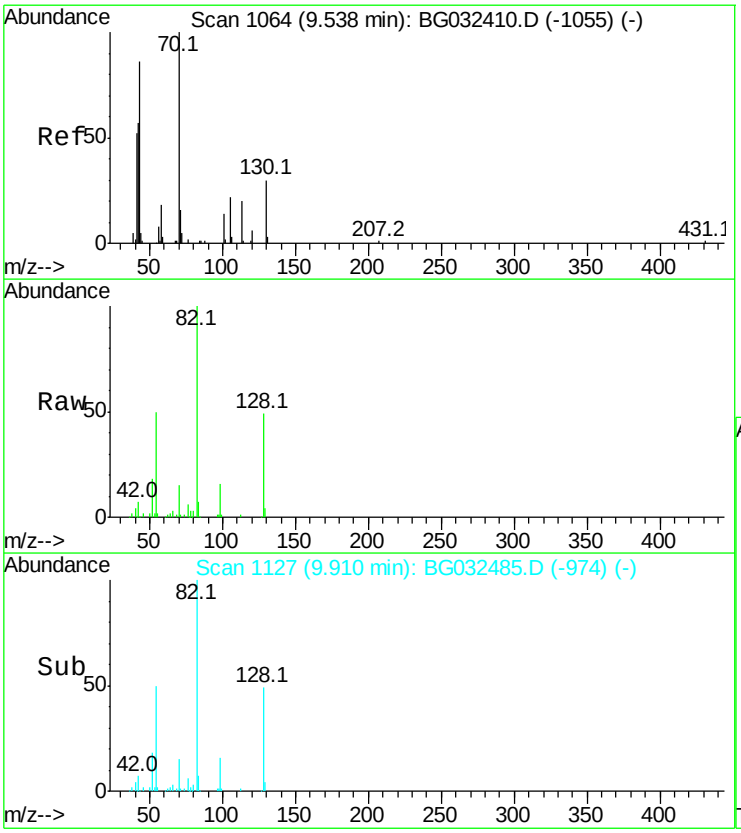
#7
Phenol-d6
Concen: 115.498 ng
RT: 7.84 min Scan# 774
Delta R.T. 0.01 min
Lab File: BG032485.D
Acq: 1 Feb 2018 4:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 195277

Ion	Ratio	Lower	Upper
99	100		
42	21.1	14.1	21.1#
71	46.7	26.1	39.1#

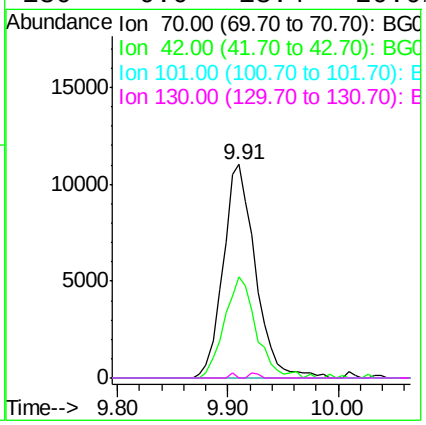


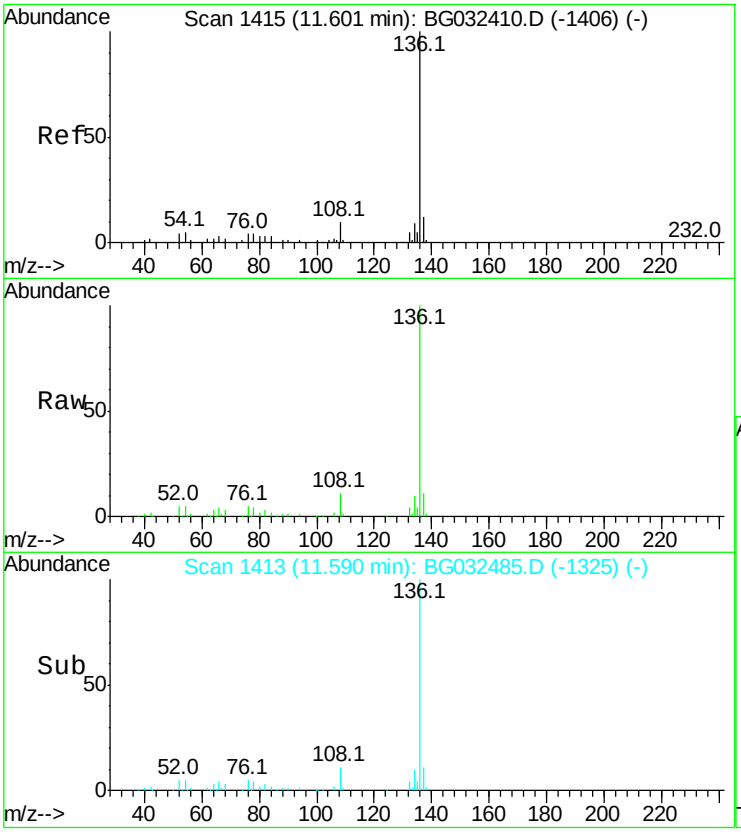


#19
n-Nitroso-di-n-propylamine
Concen: 20.089 ng
RT: 9.91 min Scan# 1127
Delta R.T. 0.37 min
Lab File: BG032485.D
Acq: 1 Feb 2018 4:40

Tgt Ion: 70 Resp: 22520

Ion	Ratio	Lower	Upper
70	100		
42	47.5	49.1	73.7#
101	0.0	8.5	12.7#
130	0.0	13.4	20.0#



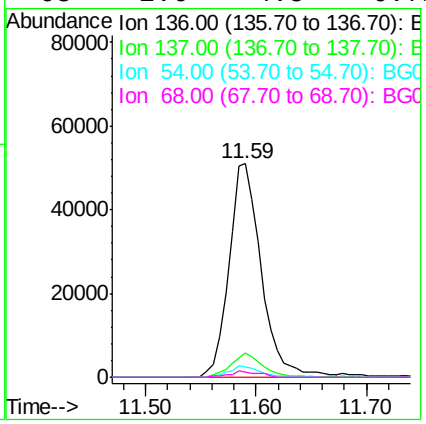


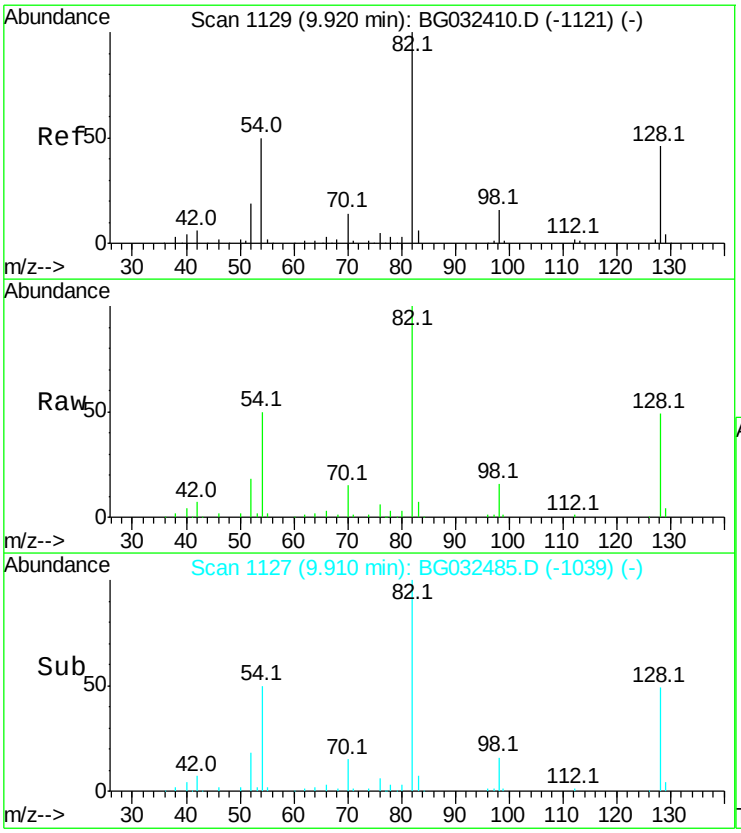
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.59 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BG032485.D
Acq: 1 Feb 2018 4:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 104469

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.2	13.8
54	4.9	10.3	15.5#
68	2.6	4.5	6.7#

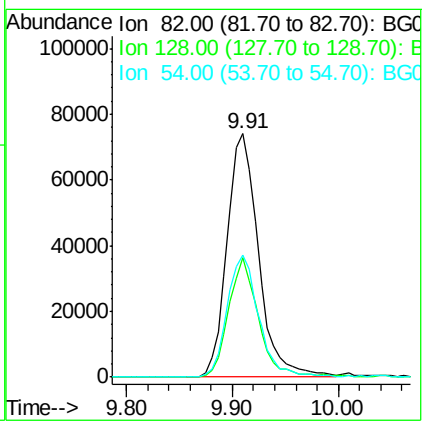


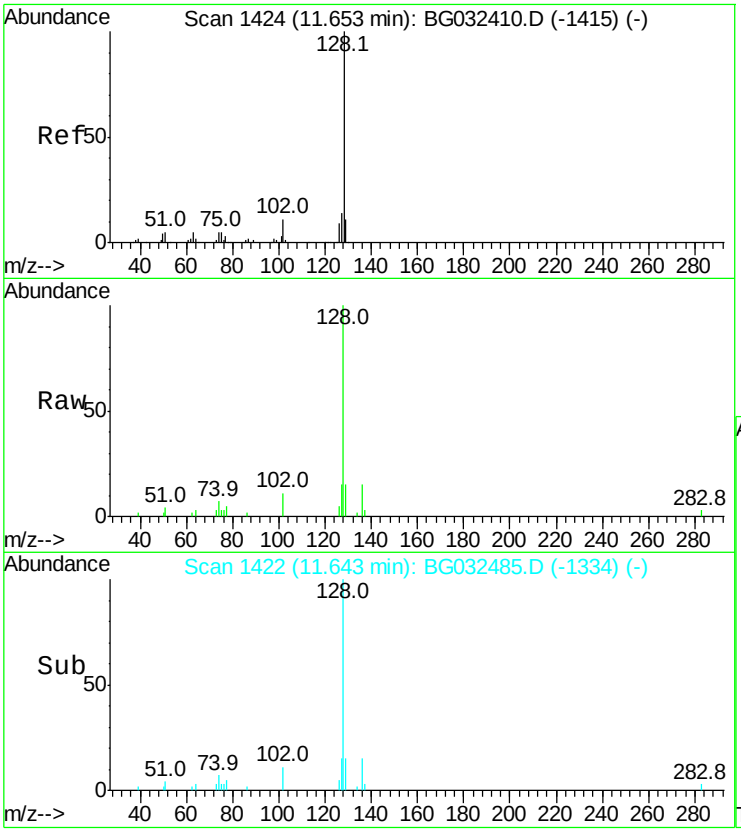


#23
Nitrobenzene-d5
Concen: 91.415 ng
RT: 9.91 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BG032485.D
Acq: 1 Feb 2018 4:40

Tgt Ion: 82 Resp: 152897

Ion	Ratio	Lower	Upper
82	100		
128	48.9	29.7	44.5#
54	50.2	43.1	64.7



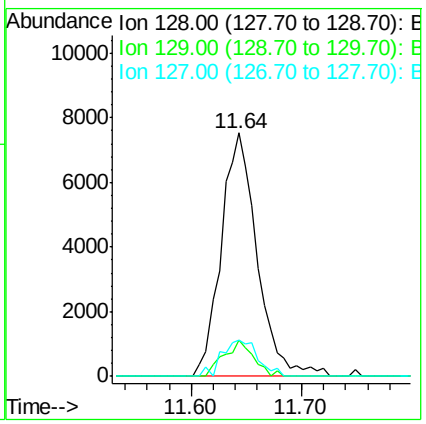


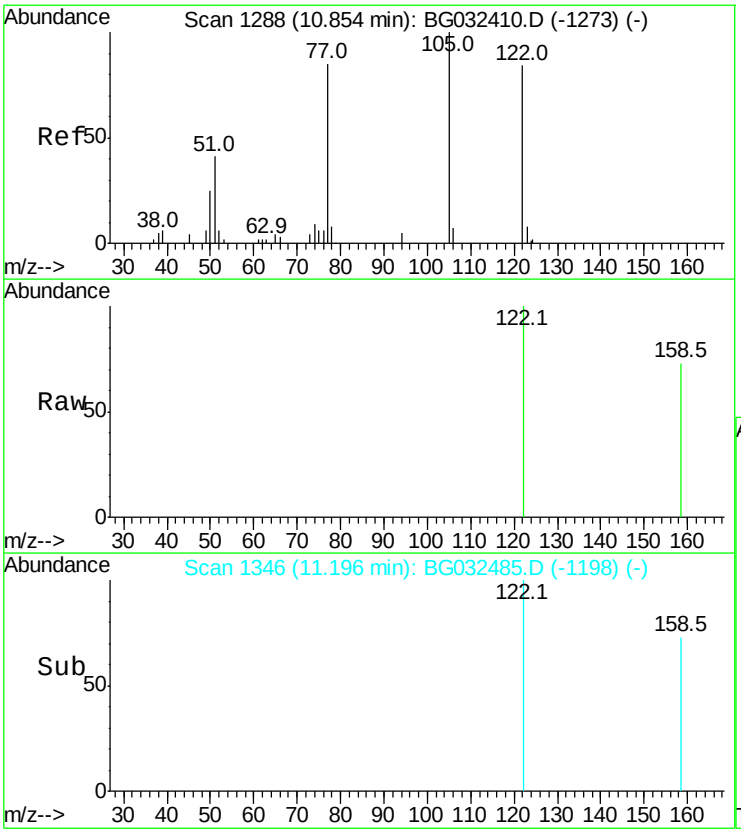
#31
Naphthalene
Concen: 3.353 ng
RT: 11.64 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BG032485.D
Acq: 1 Feb 2018 4:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:128 Resp: 17106

Ion	Ratio	Lower	Upper
128	100		
129	15.0	8.6	12.8#
127	14.9	11.6	17.4

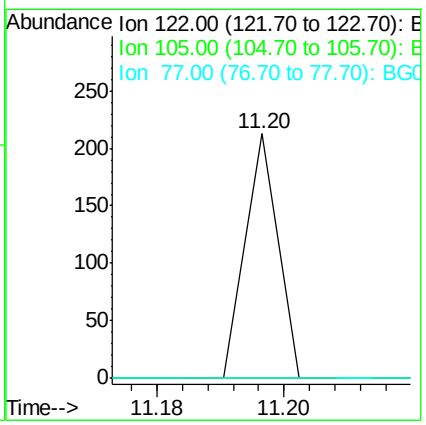


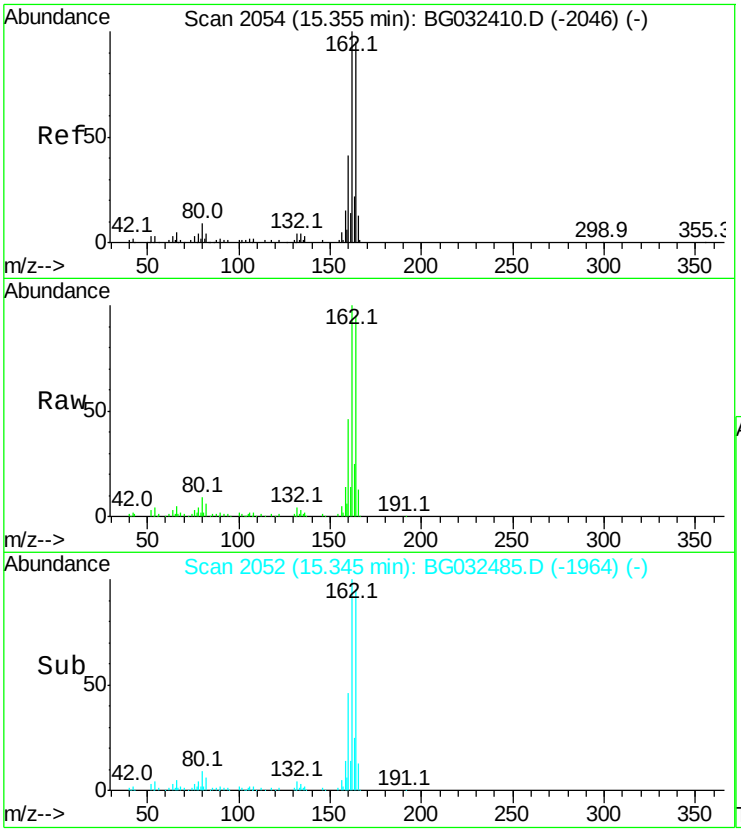


#32
Benzoic acid
Concen: 7.344 ng
RT: 11.20 min Scan# 1346
Delta R.T. 0.34 min
Lab File: BG032485.D
Acq: 1 Feb 2018 4:40

Tgt Ion:122 Resp: 75

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



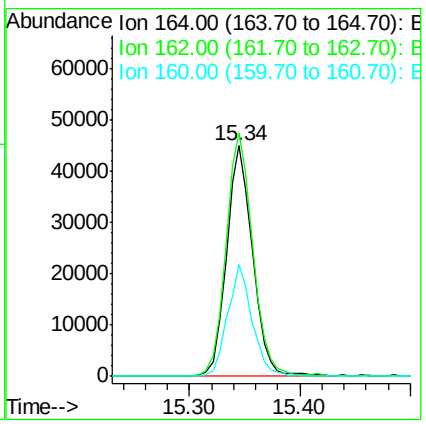


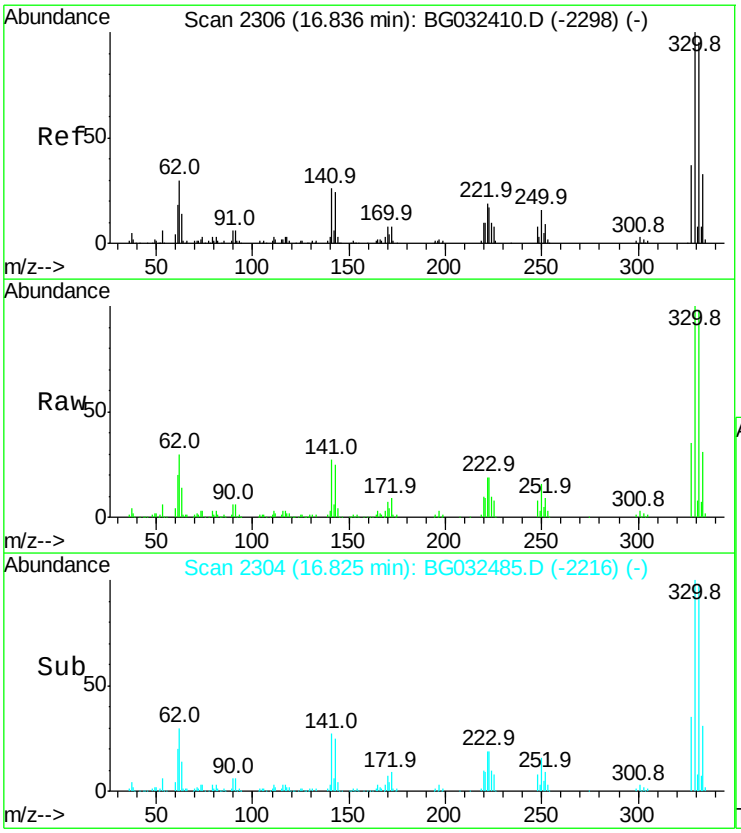
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.34 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BG032485.D
Acq: 1 Feb 2018 4:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 74179

Ion	Ratio	Lower	Upper
164	100		
162	105.7	78.8	118.2
160	48.5	35.4	53.0

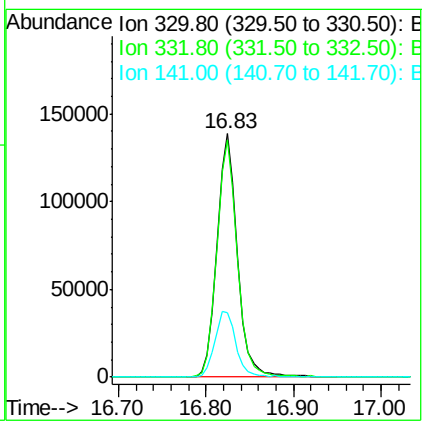


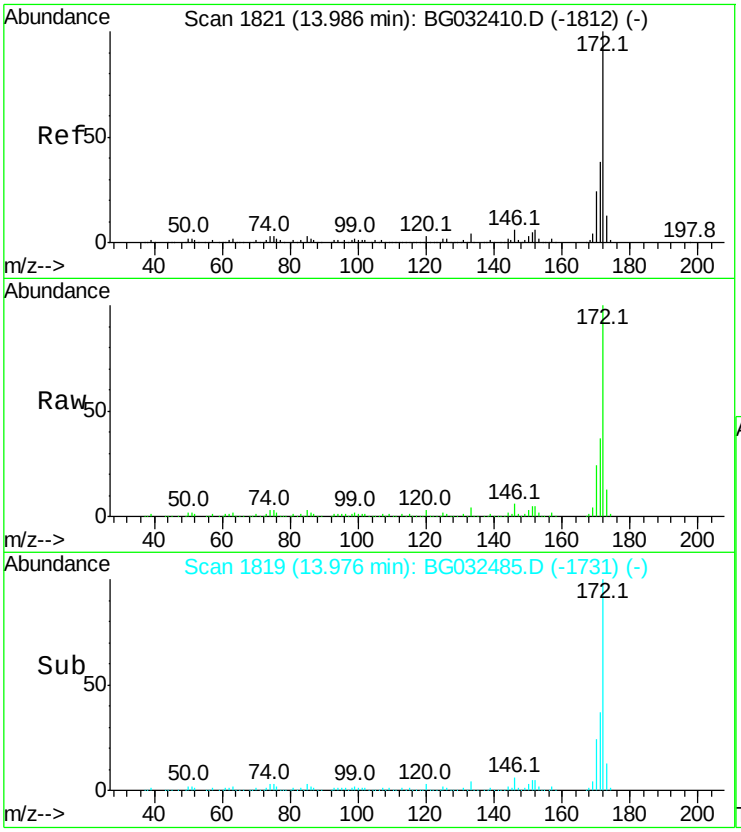


#41
2,4,6-Tribromophenol
Concen: 158.788 ng
RT: 16.83 min Scan# 2304
Delta R.T. -0.01 min
Lab File: BG032485.D
Acq: 1 Feb 2018 4:40

Tgt Ion:330 Resp: 224208

Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.0	115.6
141	28.1	25.2	37.8



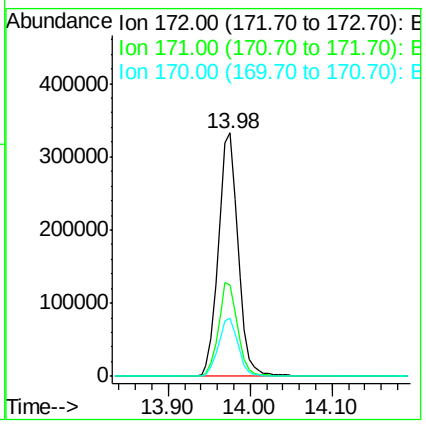


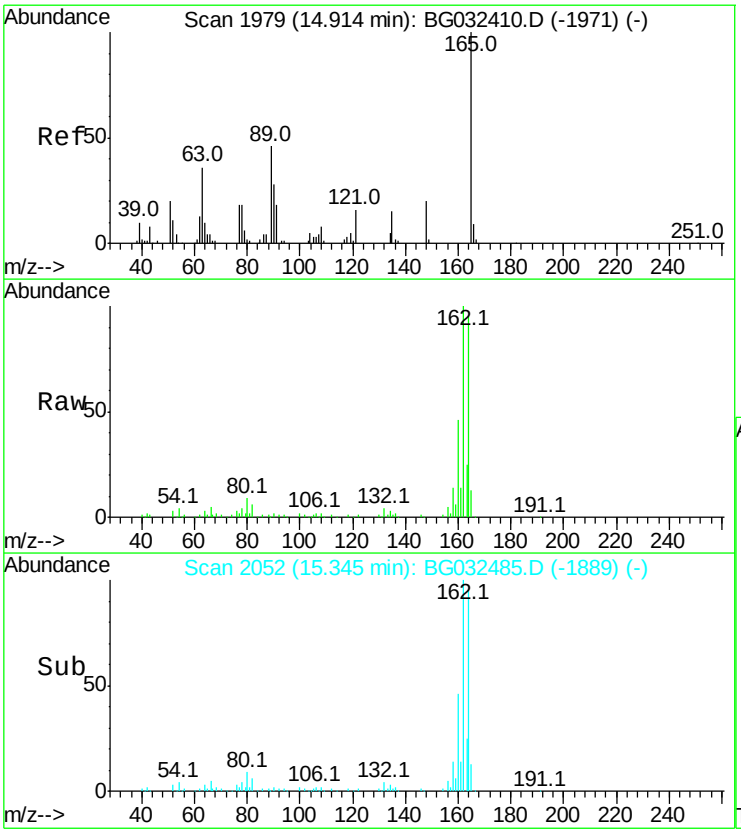
#44
2-Fluorobiphenyl
Concen: 89.701 ng
RT: 13.98 min Scan# 1819
Delta R.T. -0.01 min
Lab File: BG032485.D
Acq: 1 Feb 2018 4:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 559831

Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.0	45.0
170	23.7	19.5	29.3

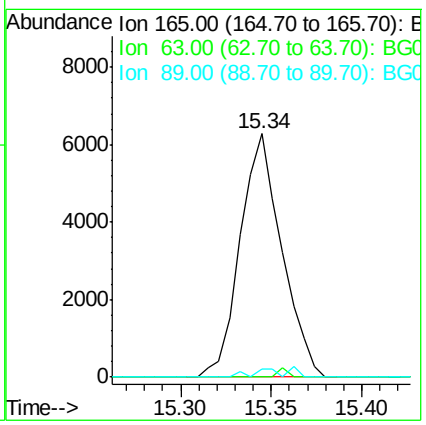


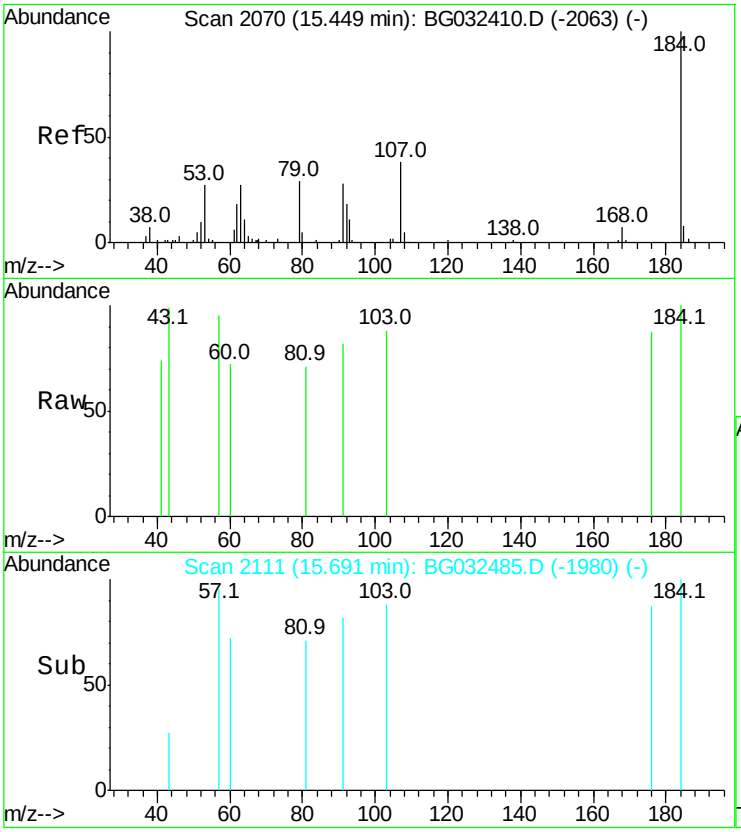


#50
2,6-Dinitrotoluene
Concen: 6.949 ng
RT: 15.34 min Scan# 2052
Delta R.T. 0.43 min
Lab File: BG032485.D
Acq: 1 Feb 2018 4:40

Tgt Ion:165 Resp: 9976

Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	3.1	49.2	73.8#



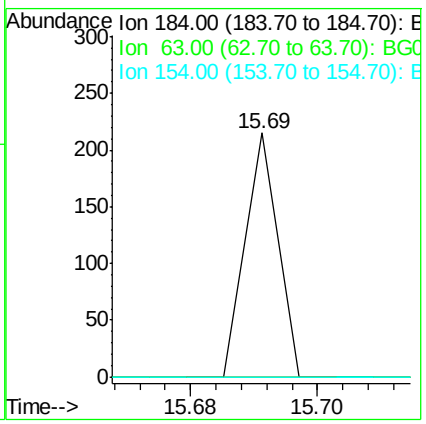


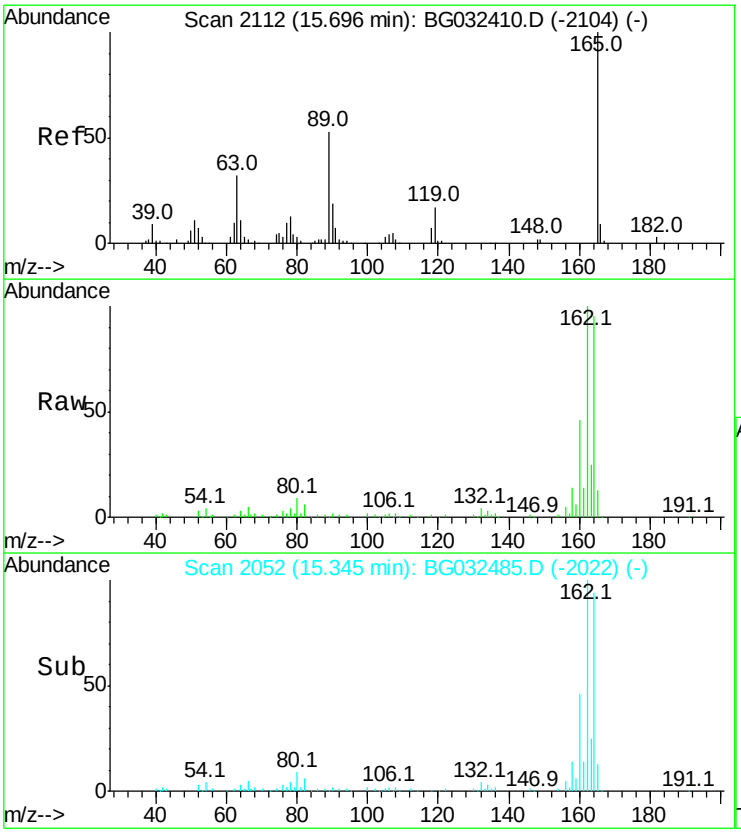
#53
2,4-Dinitrophenol
Concen: 4.185 ng
RT: 15.69 min Scan# 2111
Delta R.T. 0.24 min
Lab File: BG032485.D
Acq: 1 Feb 2018 4:40

Instrument :
BNA_G
ClientSampleId :

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#

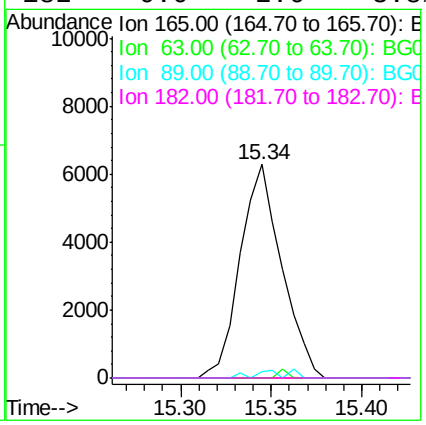


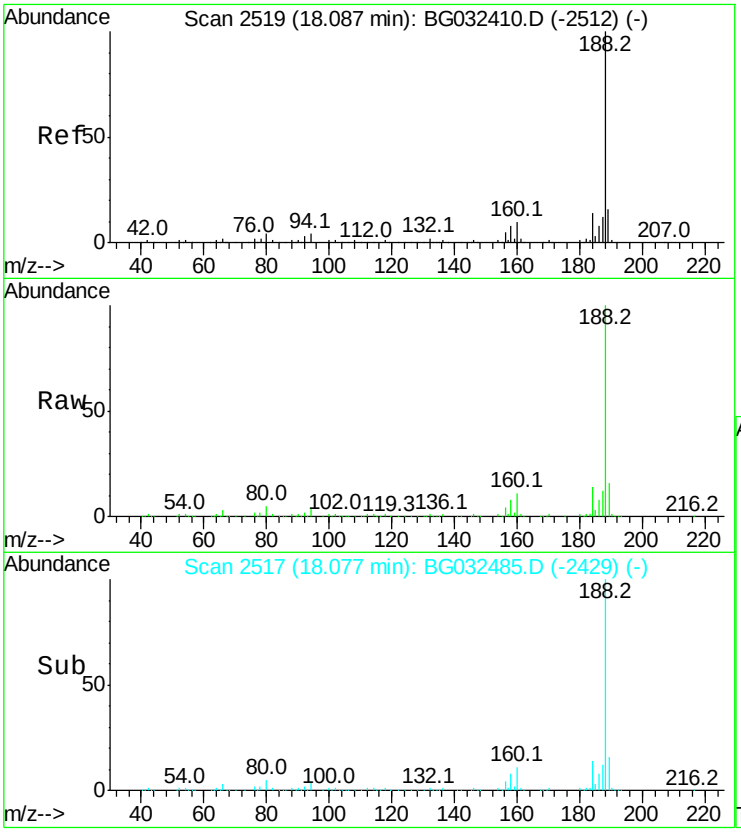


#56
2,4-Dinitrotoluene
Concen: 4.881 ng
RT: 15.34 min Scan# 2052
Delta R.T. -0.35 min
Lab File: BG032485.D
Acq: 1 Feb 2018 4:40

Tgt Ion:165 Resp: 9976

Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	3.1	66.9	100.3#
182	0.0	2.6	3.8#



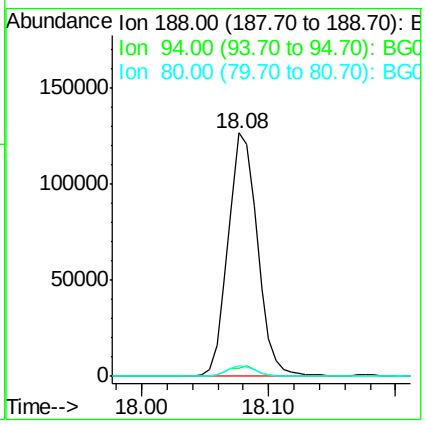


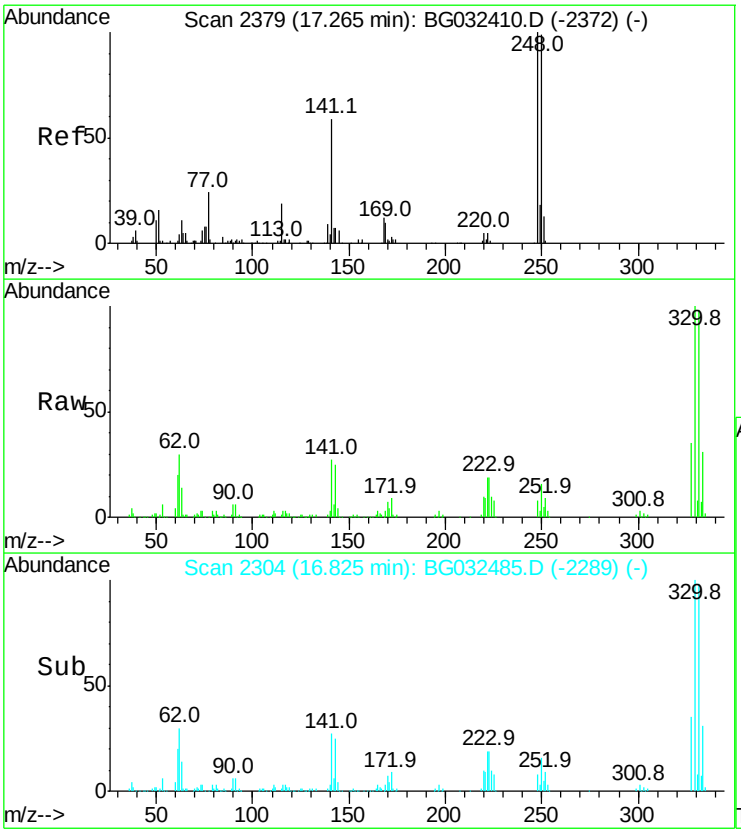
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.08 min Scan# 2517
Delta R.T. -0.01 min
Lab File: BG032485.D
Acq: 1 Feb 2018 4:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 202788

Ion	Ratio	Lower	Upper
188	100		
94	3.6	6.9	10.3#
80	4.6	7.7	11.5#

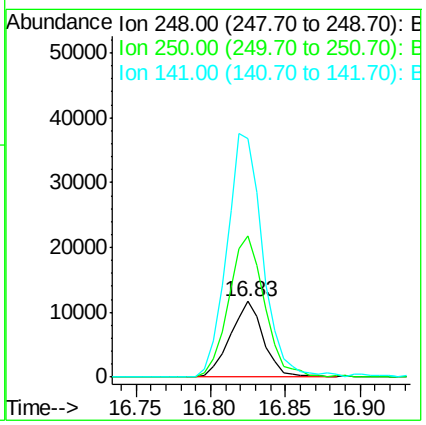


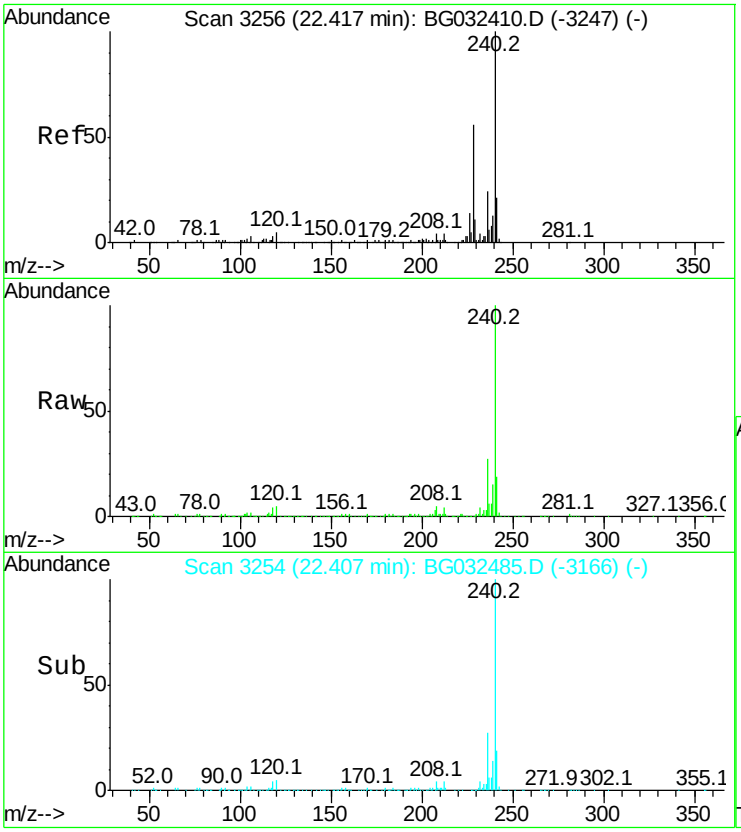


#66
4-Bromophenyl-phenylether
Concen: 6.029 ng
RT: 16.83 min Scan# 2304
Delta R.T. -0.44 min
Lab File: BG032485.D
Acq: 1 Feb 2018 4:40

Tgt Ion:248 Resp: 18112

Ion	Ratio	Lower	Upper
248	100		
250	186.8	77.1	115.7#
141	316.0	50.8	76.2#



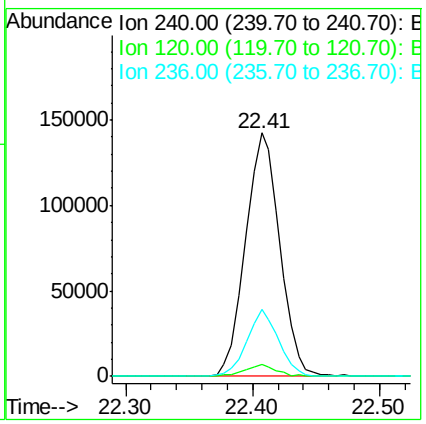


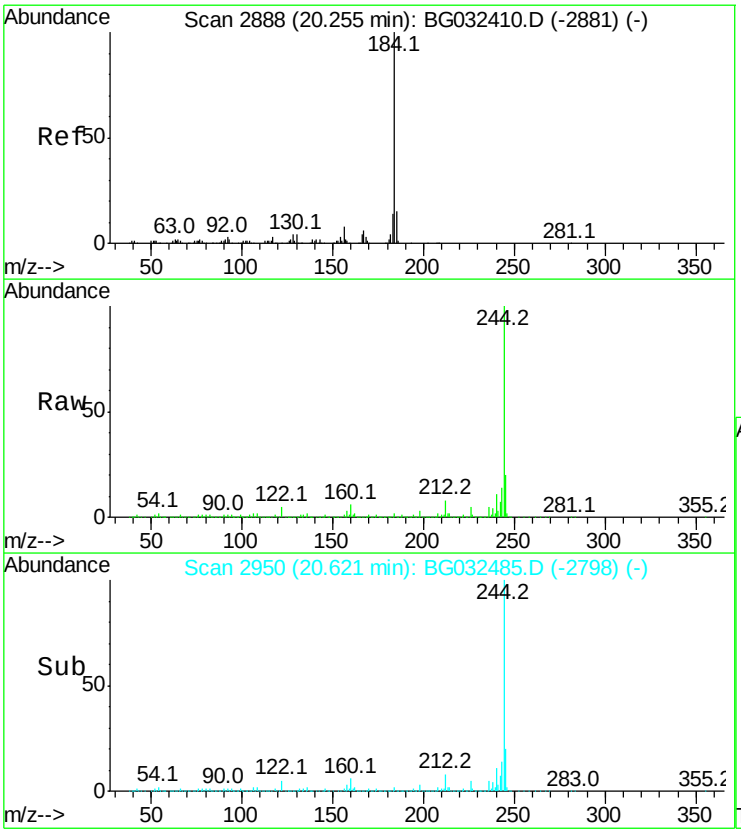
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.41 min Scan# 3254
Delta R.T. -0.01 min
Lab File: BG032485.D
Acq: 1 Feb 2018 4:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 267572

Ion	Ratio	Lower	Upper
240	100		
120	4.9	6.8	10.2#
236	27.3	20.9	31.3

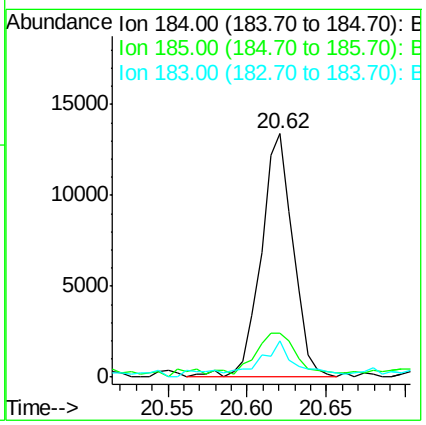


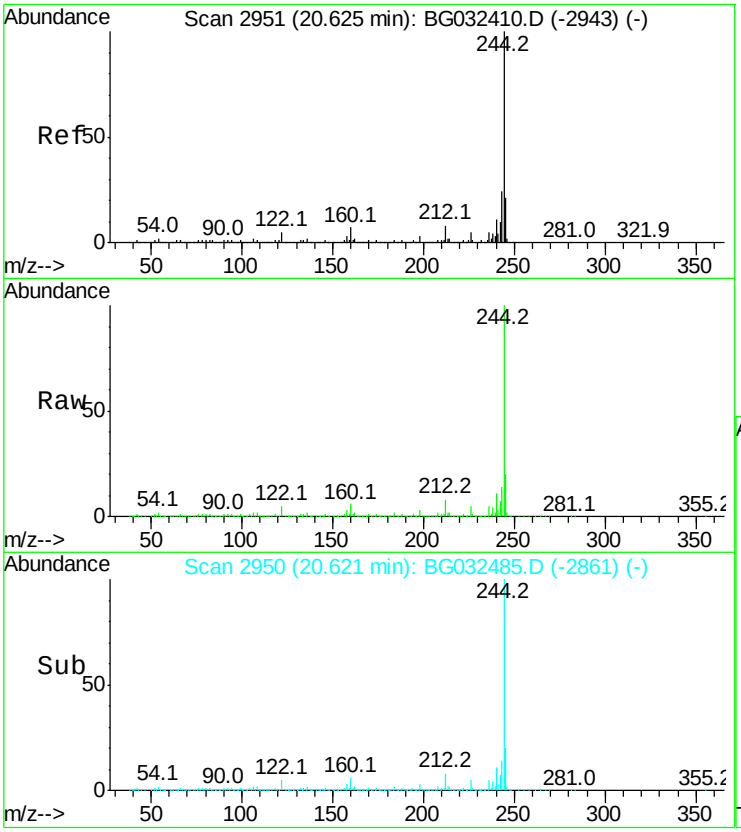


#76
Benzidine
Concen: 3.584 ng
RT: 20.62 min Scan# 2950
Delta R.T. 0.37 min
Lab File: BG032485.D
Acq: 1 Feb 2018 4:40

Tgt Ion:184 Resp: 18829

Ion	Ratio	Lower	Upper
184	100		
185	17.8	11.1	16.7#
183	15.1	10.6	16.0



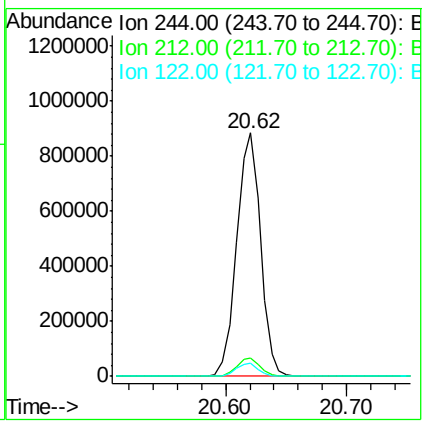


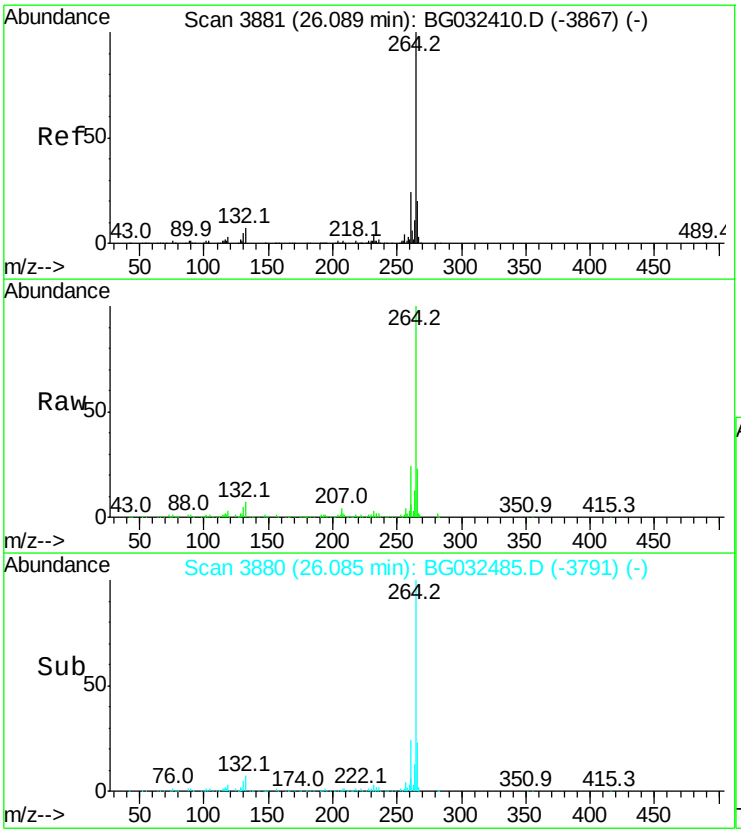
#78
Terphenyl-d14
Concen: 97.514 ng
RT: 20.62 min Scan# 2950
Delta R.T. -0.00 min
Lab File: BG032485.D
Acq: 1 Feb 2018 4:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1218066

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.8	8.8
122	5.5	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.08 min Scan# 3880
Delta R.T. -0.00 min
Lab File: BG032485.D
Acq: 1 Feb 2018 4:40

Tgt Ion:264 Resp: 292564

Ion	Ratio	Lower	Upper
264	100		
260	24.2	17.4	26.0
265	23.2	17.7	26.5