Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031220\
Data File : BG044735.D
Acq On : 12 Mar 2020 14:52
Operator : CG/JU
Sample : L1873-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Mar 13 06:07:45 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 10 16:27:39 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	97809	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	397932	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	274734	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	599449	20.00	ng	0.00
76) Chrysene-d12	21.70	240	559399	20.00	ng	-0.01
87) Perylene-d12	24.92	264	626803	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	418184	66.56	ng	0.00
7) Phenol-d6	7.20	99	614330	67.29	ng	-0.01
23) Nitrobenzene-d5	9.21	82	392819	43.32	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	219108	60.91	ng	-0.01
45) 2-Fluorobiphenyl	13.31	172	804169	41.92	ng	0.00
79) Terphenyl-d14	20.04	244	1211589	40.51	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.19	77	571	Below Cal	#	32
19) n-Nitroso-di-n-propylamine	9.20	70	51886	8.049	ng	# 75
26) 2-Nitrophenol	10.16	139	86	5.538	ng	# 28
32) Benzoic acid	10.16	122	56	9.680	ng	# 1
50) Dimethylphthalate	14.13	163	56454	2.580	ng	99
51) 2,6-Dinitrotoluene	14.69	165	36671	8.314	ng	# 19
54) 2,4-Dinitrophenol	14.93	184	59	8.346	ng	# 2
57) 2,4-Dinitrotoluene	14.69	165	36671	6.062	ng	# 17
65) 4,6-Dinitro-2-methylphenol	15.50	198	72	7.750	ng	# 35
67) 4-Bromophenyl-phenylether	16.17	248	15421	2.058	ng	# 1

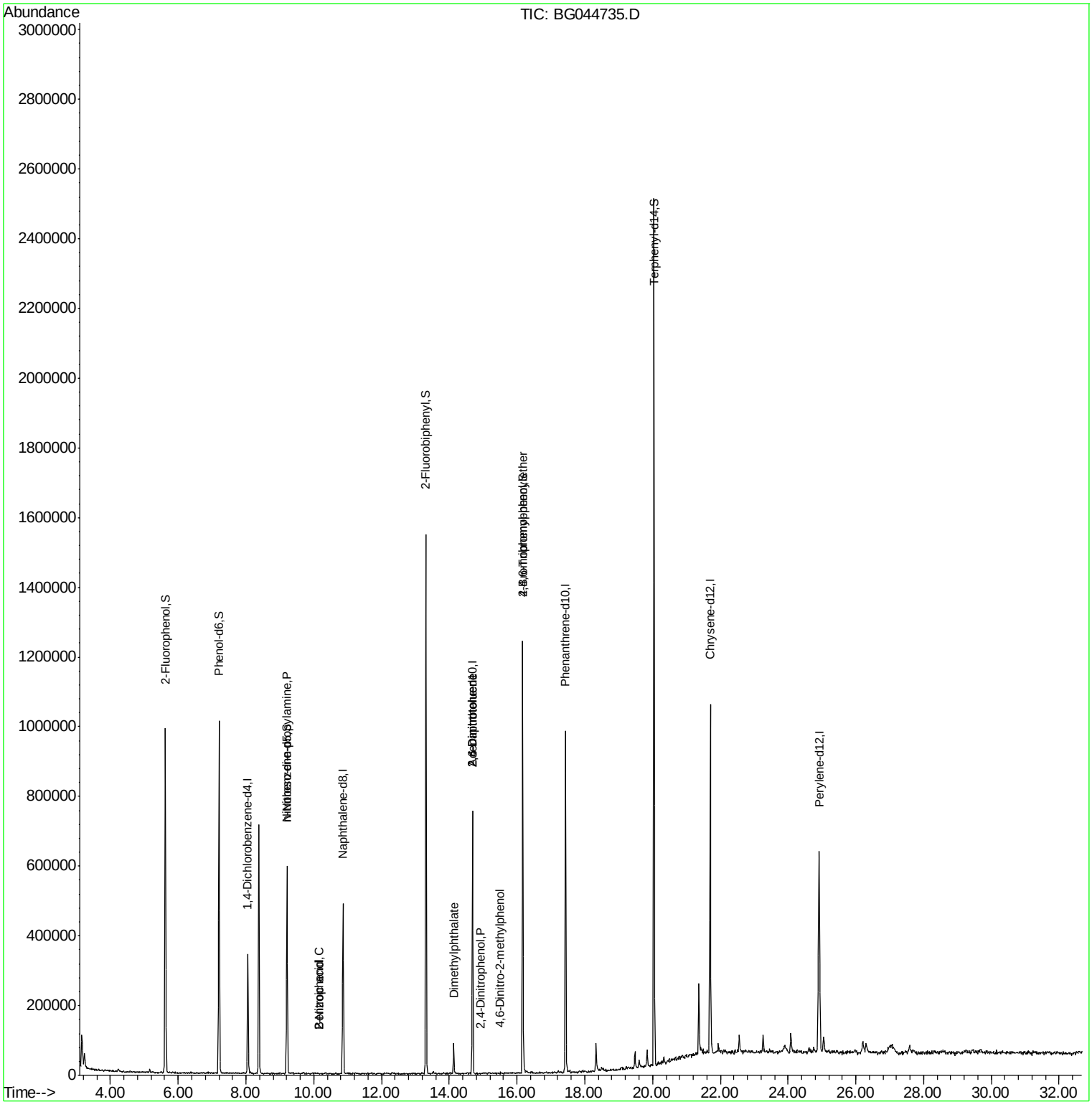
(#) = qualifier out of range (m) = manual integration (+) = signals summed

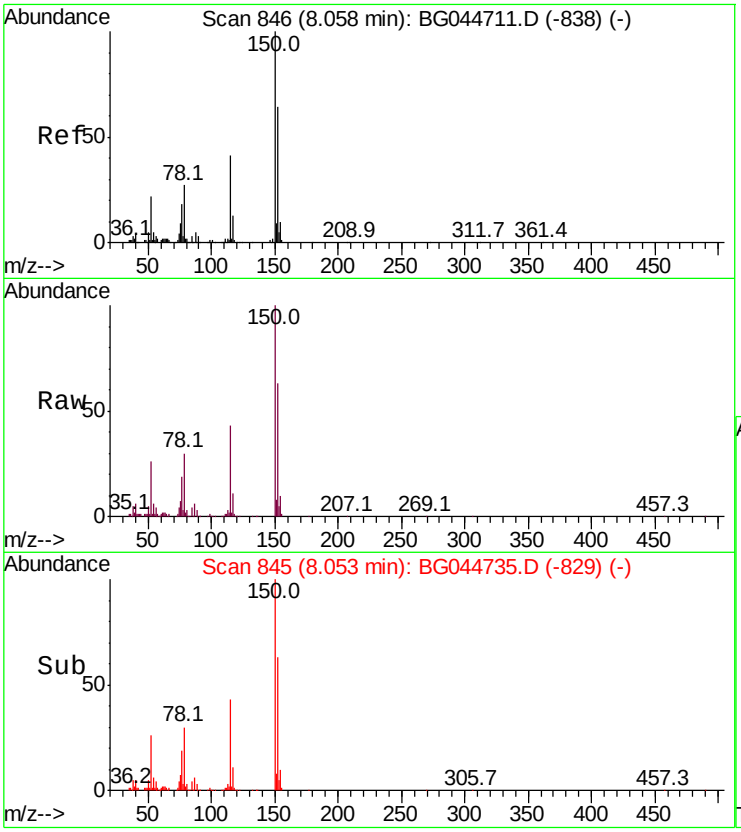
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031220\
Data File : BG044735.D
Acq On : 12 Mar 2020 14:52
Operator : CG/JU
Sample : L1873-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Mar 13 06:07:45 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 10 16:27:39 2020
Response via : Initial Calibration



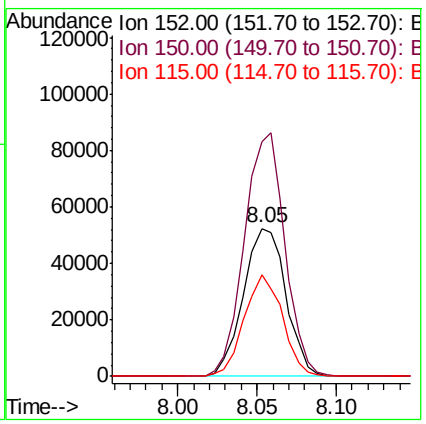


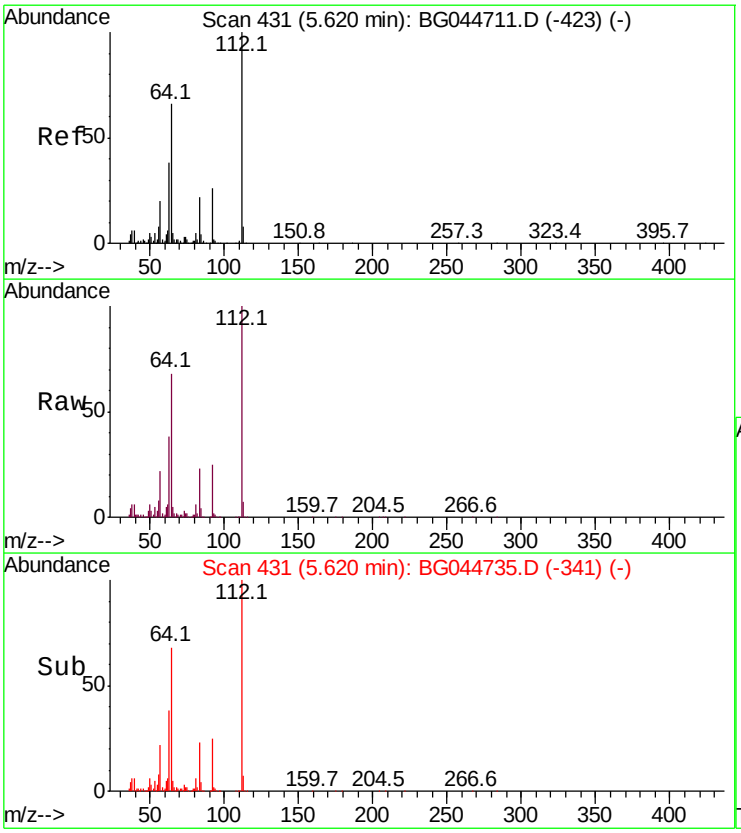
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.01 min
Lab File: BG044735.D
Acq: 12 Mar 2020 14:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 97809

Ion	Ratio	Lower	Upper
152	100		
150	158.5	125.3	187.9
115	68.5	51.7	77.5

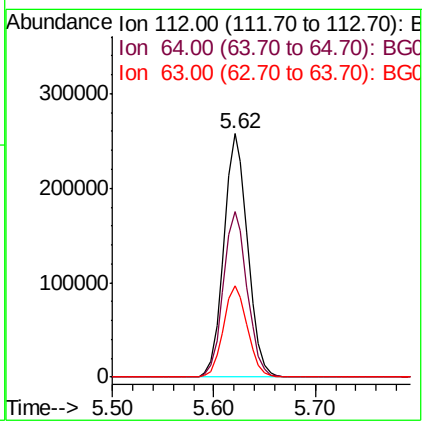


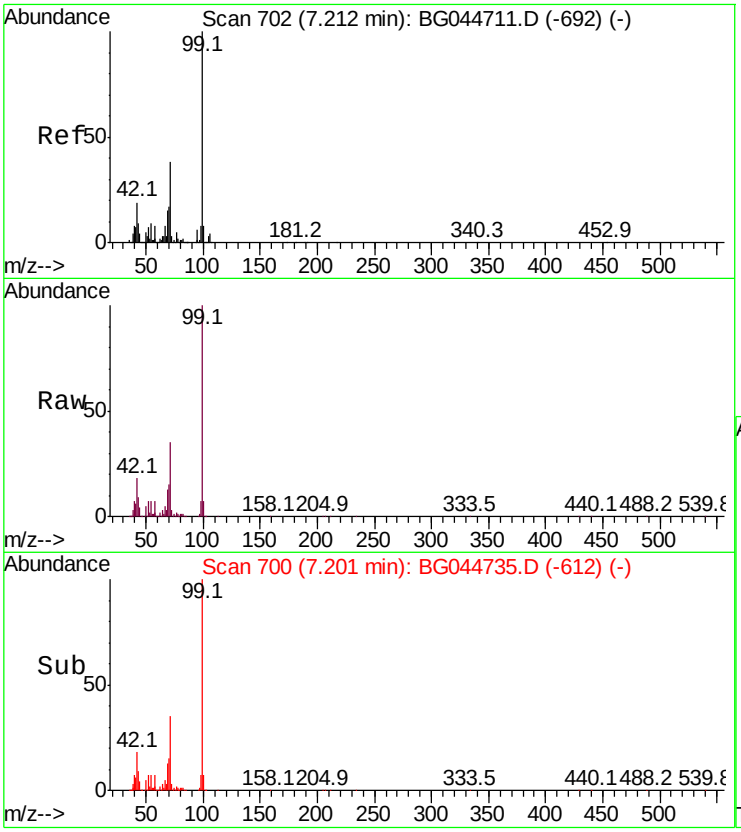


#5
2-Fluorophenol
Concen: 66.557 ng
RT: 5.62 min Scan# 431
Delta R.T. 0.00 min
Lab File: BG044735.D
Acq: 12 Mar 2020 14:52

Tgt Ion:112 Resp: 418184

Ion	Ratio	Lower	Upper
112	100		
64	68.0	52.6	78.8
63	37.5	30.2	45.4



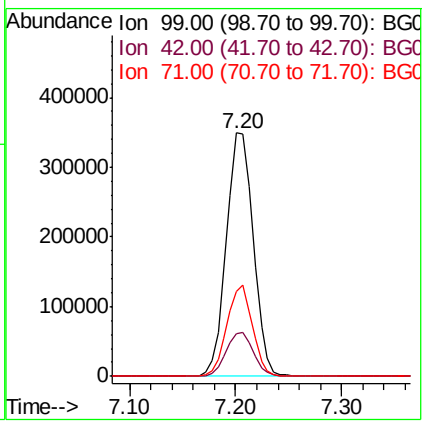


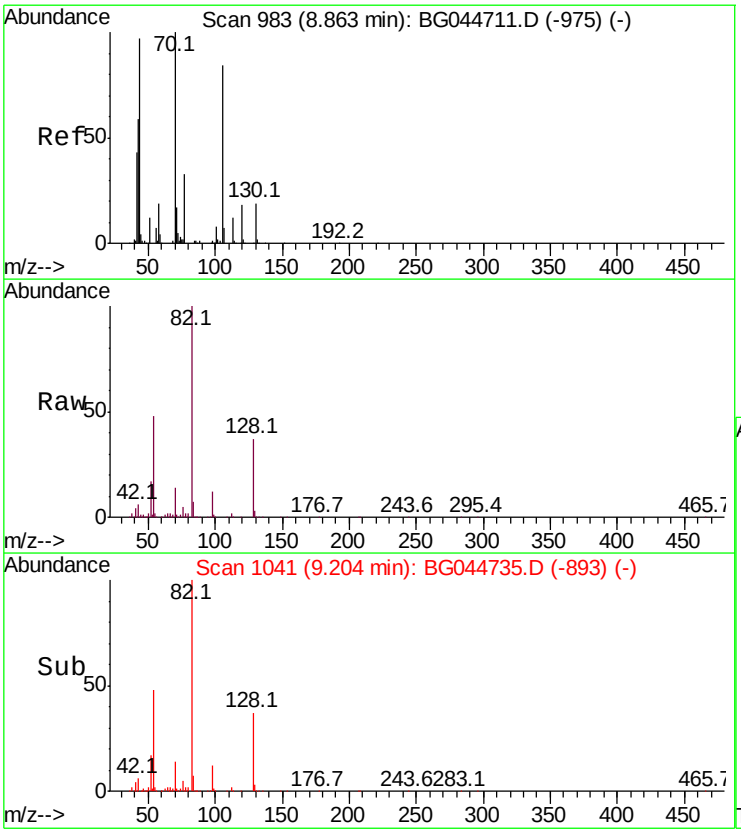
#7
Phenol-d6
Concen: 67.295 ng
RT: 7.20 min Scan# 700
Delta R.T. -0.01 min
Lab File: BG044735.D
Acq: 12 Mar 2020 14:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 614330

Ion	Ratio	Lower	Upper
99	100		
42	17.5	15.4	23.0
71	34.7	30.2	45.4

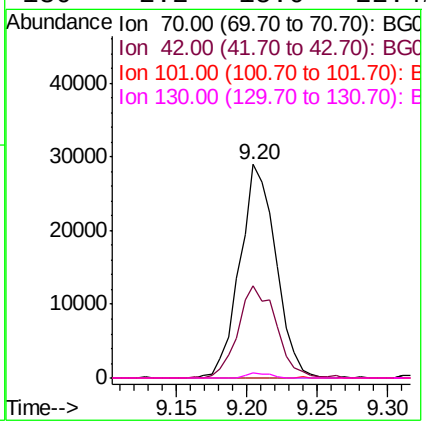


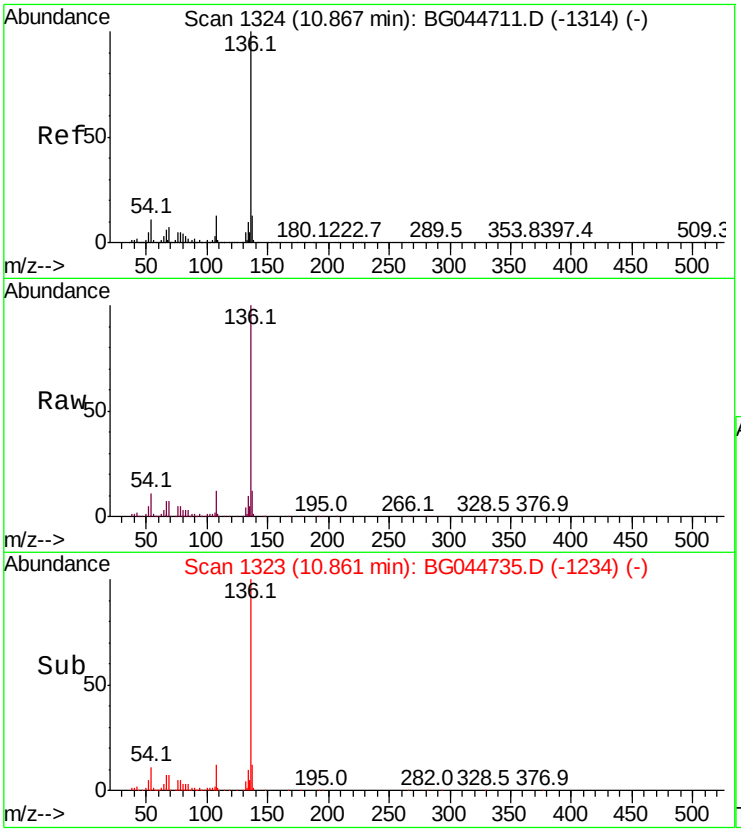


#19
n-Nitroso-di-n-propylamine
Concen: 8.049 ng
RT: 9.20 min Scan# 1041
Delta R.T. 0.34 min
Lab File: BG044735.D
Acq: 12 Mar 2020 14:52

Tgt Ion: 70 Resp: 51886

Ion	Ratio	Lower	Upper
70	100		
42	43.0	47.6	71.4#
101	0.0	6.5	9.7#
130	2.2	15.0	22.4#



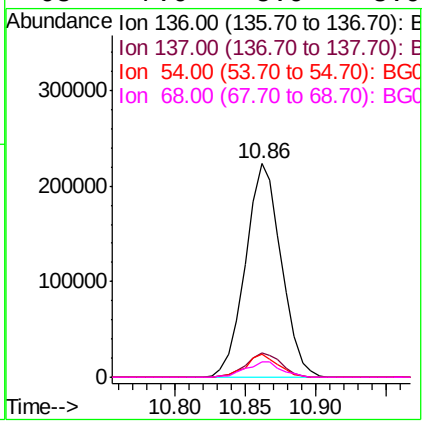


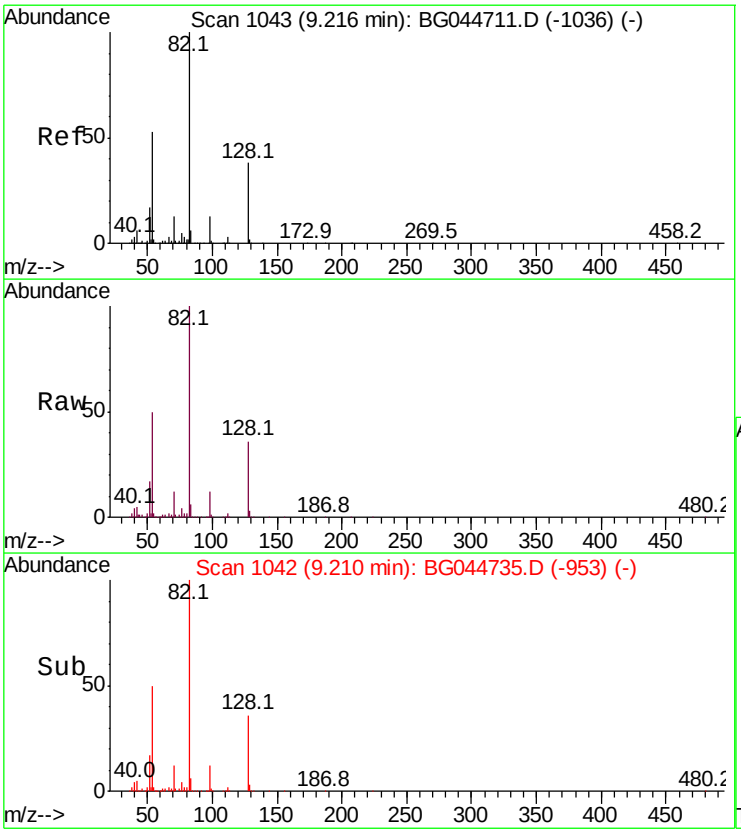
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BG044735.D
Acq: 12 Mar 2020 14:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 397932

Ion	Ratio	Lower	Upper
136	100		
137	11.5	10.7	16.1
54	10.9	9.0	13.4
68	7.0	5.9	8.9

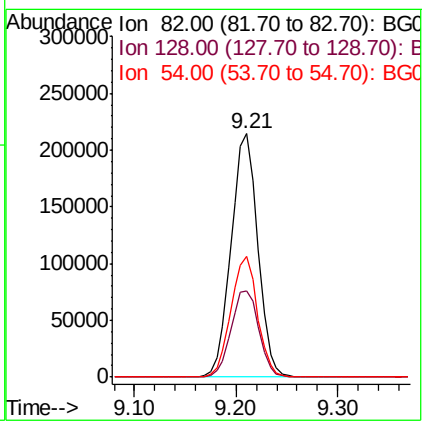


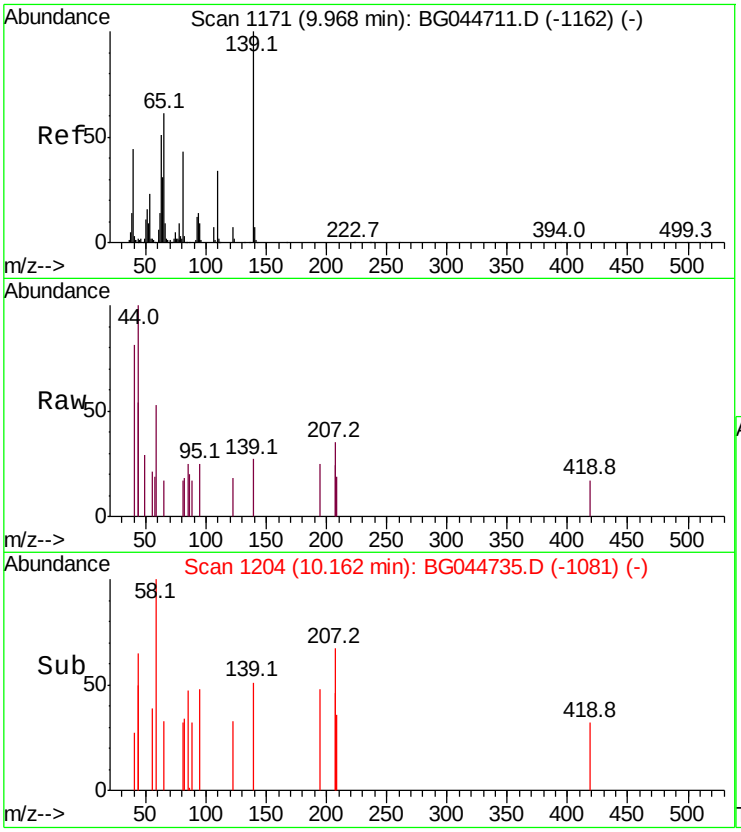


#23
Nitrobenzene-d5
Concen: 43.318 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BG044735.D
Acq: 12 Mar 2020 14:52

Tgt Ion: 82 Resp: 392819

Ion	Ratio	Lower	Upper
82	100		
128	35.5	30.2	45.2
54	49.8	41.8	62.8



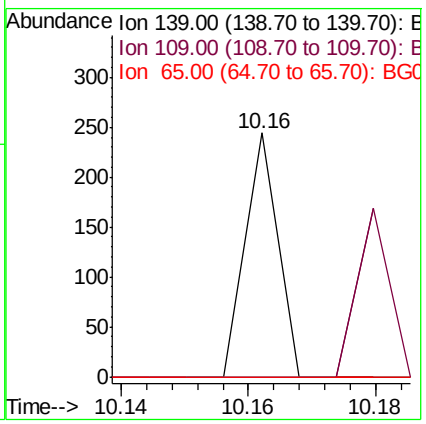


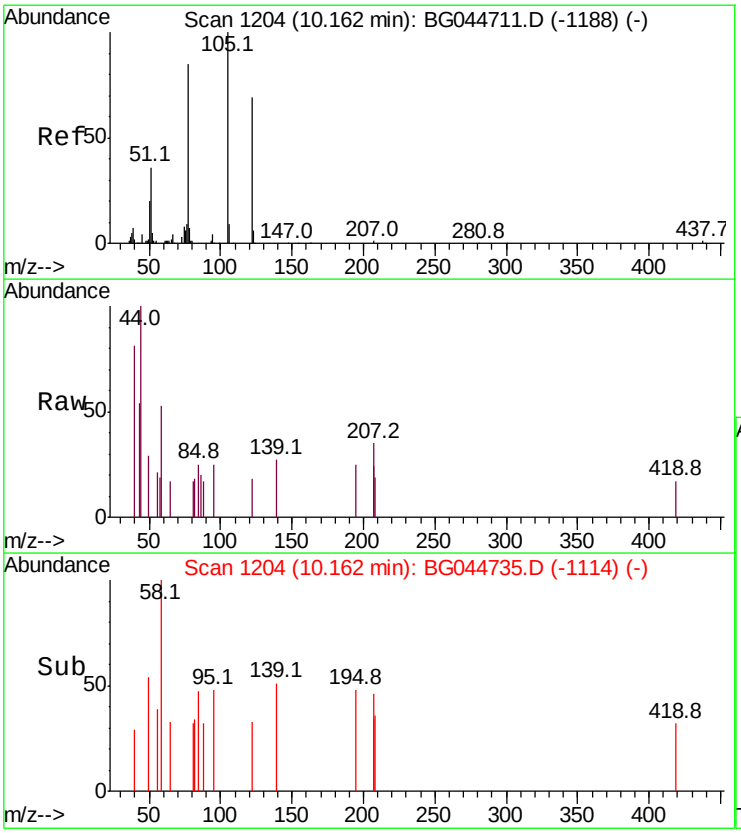
#26
2-Nitrophenol
Concen: 5.538 ng
RT: 10.16 min Scan# 1204
Delta R.T. 0.20 min
Lab File: BG044735.D
Acq: 12 Mar 2020 14:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:139 Resp: 86

Ion	Ratio	Lower	Upper
139	100		
109	0.0	27.0	40.4#
65	0.0	48.6	73.0#

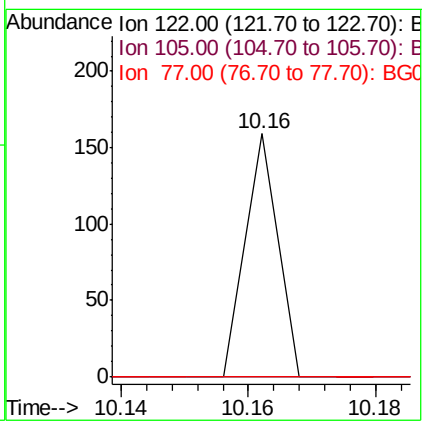


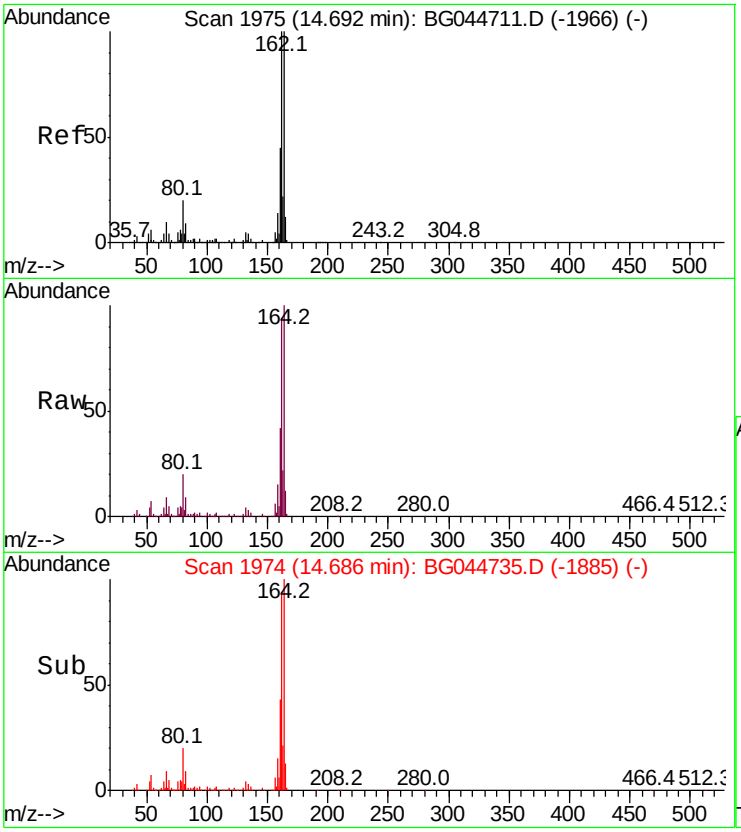


#32
Benzoic acid
Concen: 9.680 ng
RT: 10.16 min Scan# 1204
Delta R.T. 0.00 min
Lab File: BG044735.D
Acq: 12 Mar 2020 14:52

Tgt Ion:122 Resp: 56

Ion	Ratio	Lower	Upper
122	100		
105	0.0	119.0	159.0#
77	0.0	96.4	136.4#



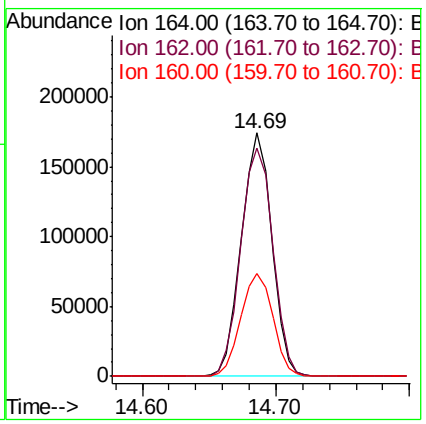


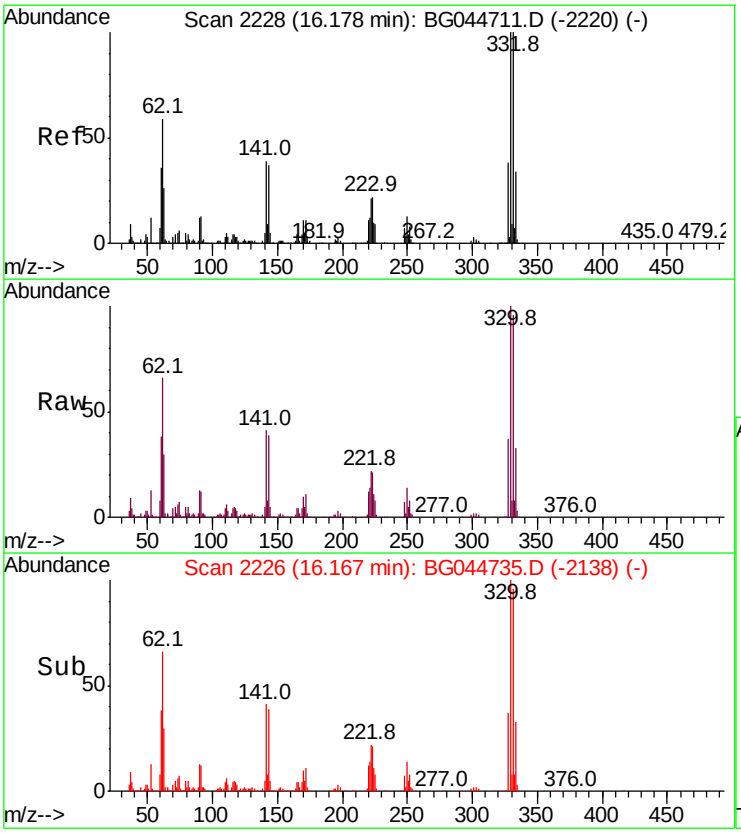
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BG044735.D
Acq: 12 Mar 2020 14:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 274734

Ion	Ratio	Lower	Upper
164	100		
162	93.8	80.2	120.4
160	42.5	36.2	54.2

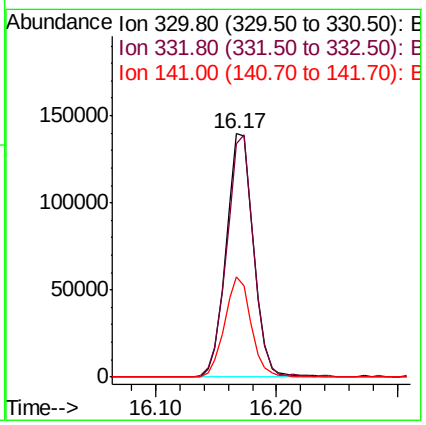


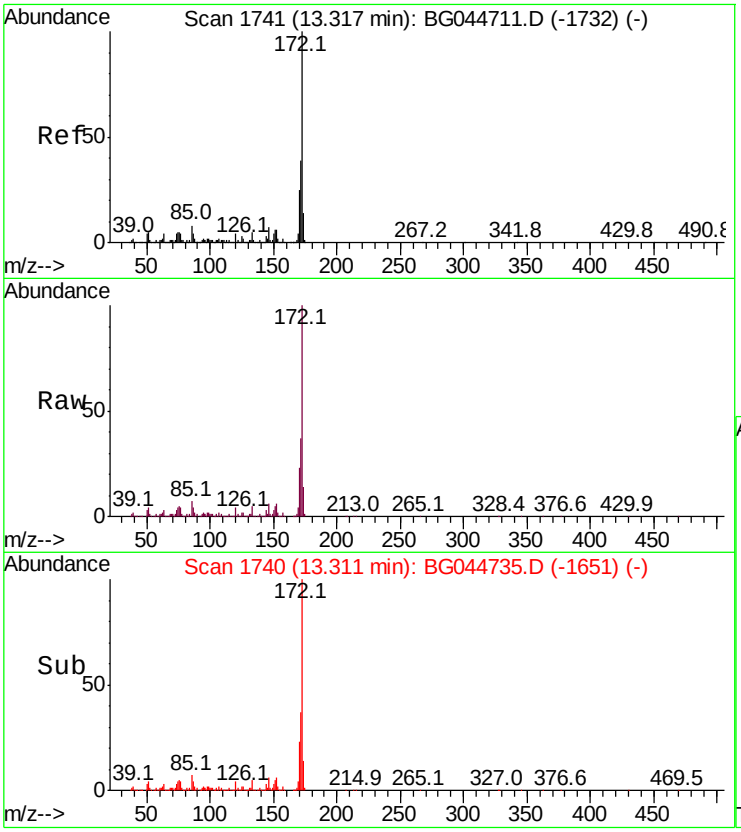


#42
2,4,6-Tribromophenol
Concen: 60.910 ng
RT: 16.17 min Scan# 2226
Delta R.T. -0.01 min
Lab File: BG044735.D
Acq: 12 Mar 2020 14:52

Tgt Ion:330 Resp: 219108

Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.5	116.3
141	40.0	31.7	47.5



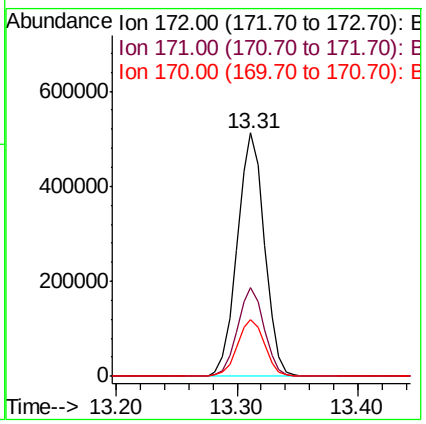


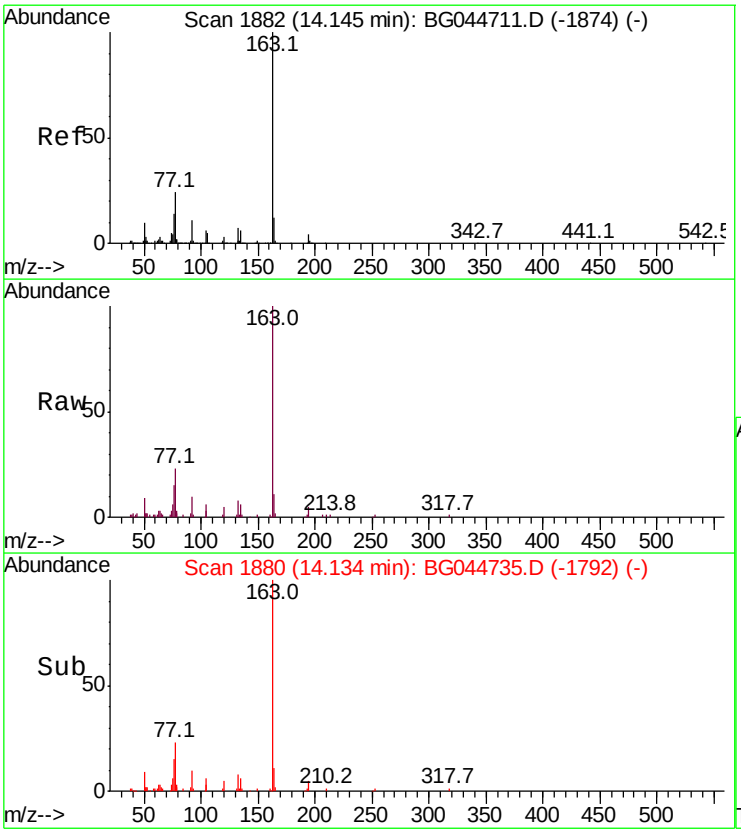
#45
2-Fluorobiphenyl
Concen: 41.917 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.01 min
Lab File: BG044735.D
Acq: 12 Mar 2020 14:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 804169

Ion	Ratio	Lower	Upper
172	100		
171	36.6	30.8	46.2
170	23.5	20.0	30.0

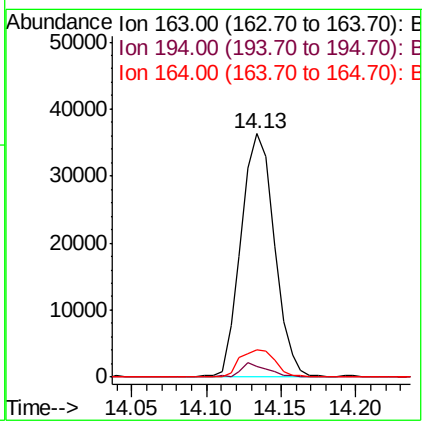


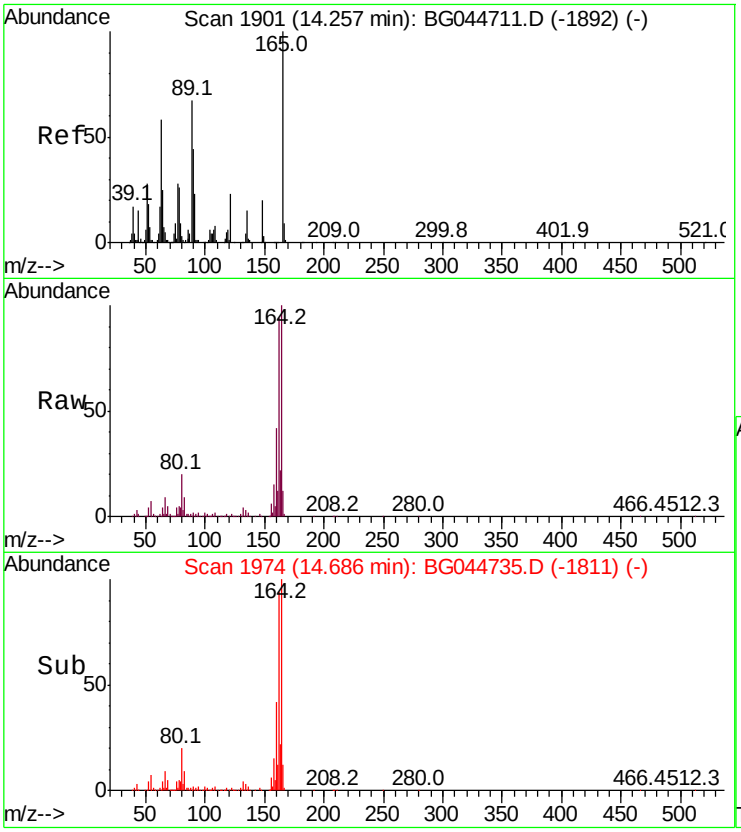


#50
Dimethylphthalate
Concen: 2.580 ng
RT: 14.13 min Scan# 1880
Delta R.T. -0.01 min
Lab File: BG044735.D
Acq: 12 Mar 2020 14:52

Tgt Ion:163 Resp: 56454

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.5	5.3
164	11.2	9.2	13.8



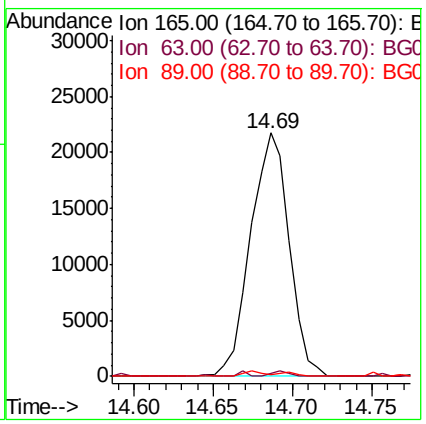


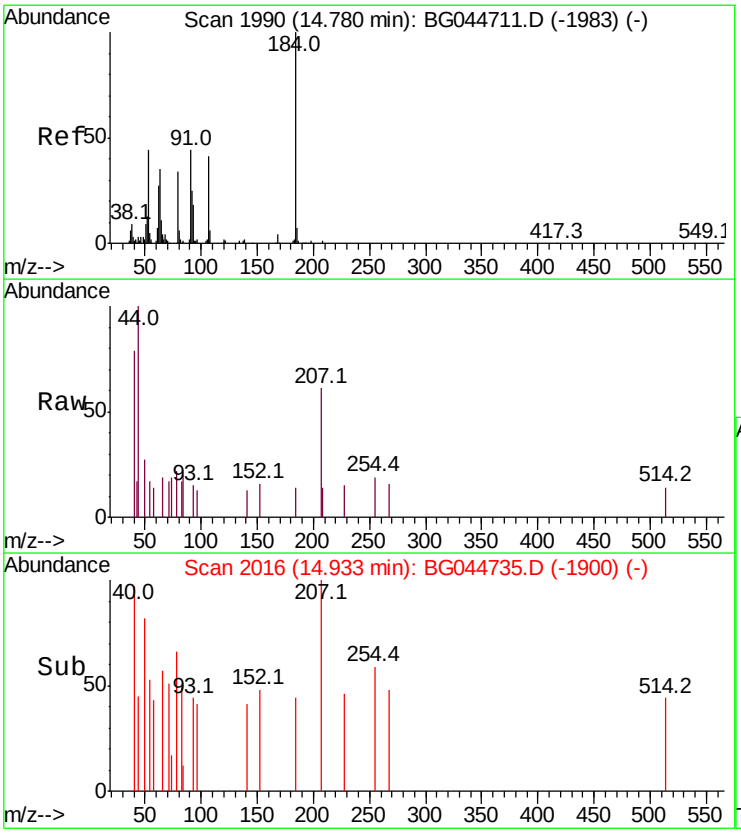
#51
2,6-Dinitrotoluene
Concen: 8.314 ng
RT: 14.69 min Scan# 1974
Delta R.T. 0.43 min
Lab File: BG044735.D
Acq: 12 Mar 2020 14:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 36671

Ion	Ratio	Lower	Upper
165	100		
63	1.0	48.9	73.3#
89	0.9	53.8	80.8#

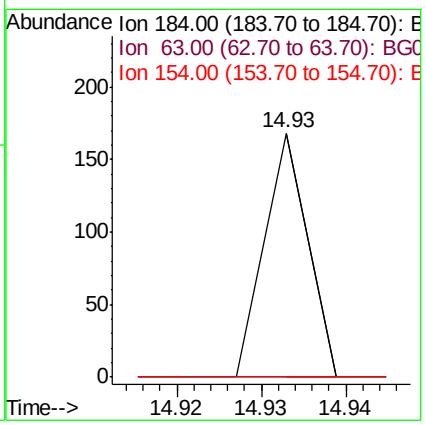


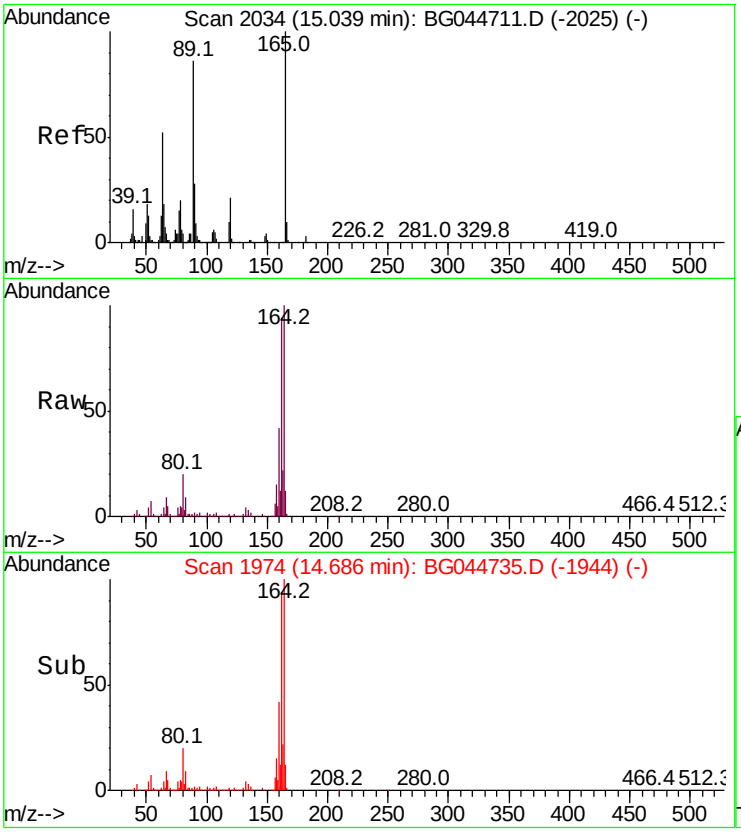


#54
2,4-Dinitrophenol
Concen: 8.346 ng
RT: 14.93 min Scan# 2016
Delta R.T. 0.15 min
Lab File: BG044735.D
Acq: 12 Mar 2020 14:52

Tgt Ion:184 Resp: 59

Ion	Ratio	Lower	Upper
184	100		
63	0.0	49.0	73.6#
154	0.0	94.5	141.7#



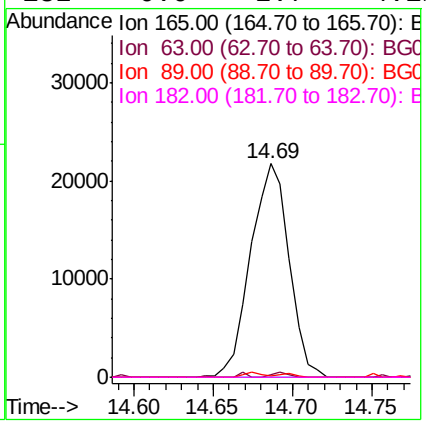


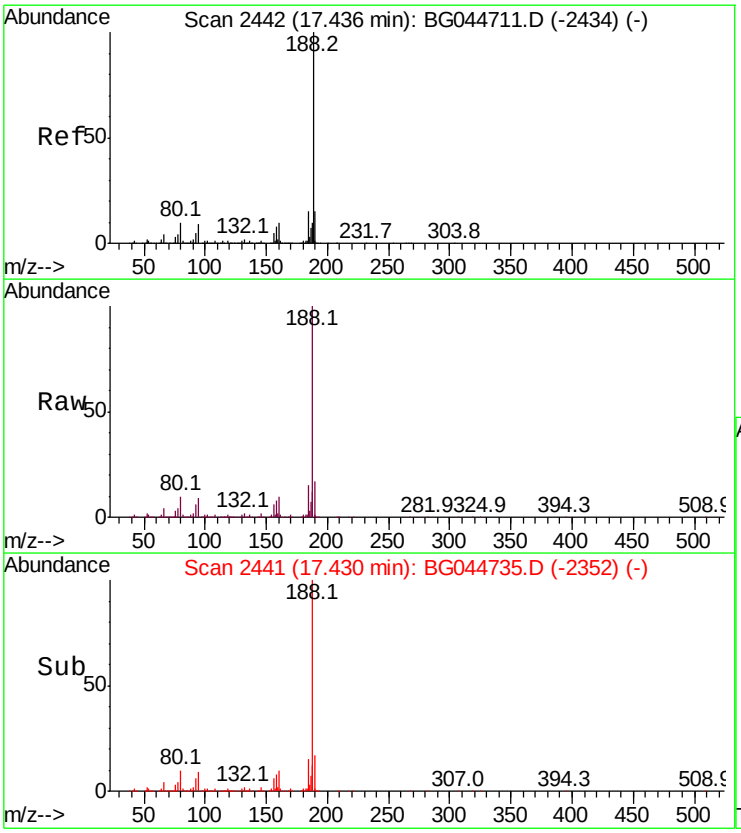
#57
2,4-Dinitrotoluene
Concen: 6.062 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.35 min
Lab File: BG044735.D
Acq: 12 Mar 2020 14:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 36671

Ion	Ratio	Lower	Upper
165	100		
63	1.0	41.5	62.3#
89	0.9	69.0	103.4#
182	0.0	2.7	4.1#

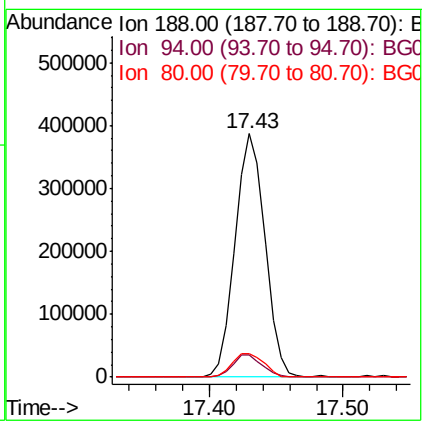


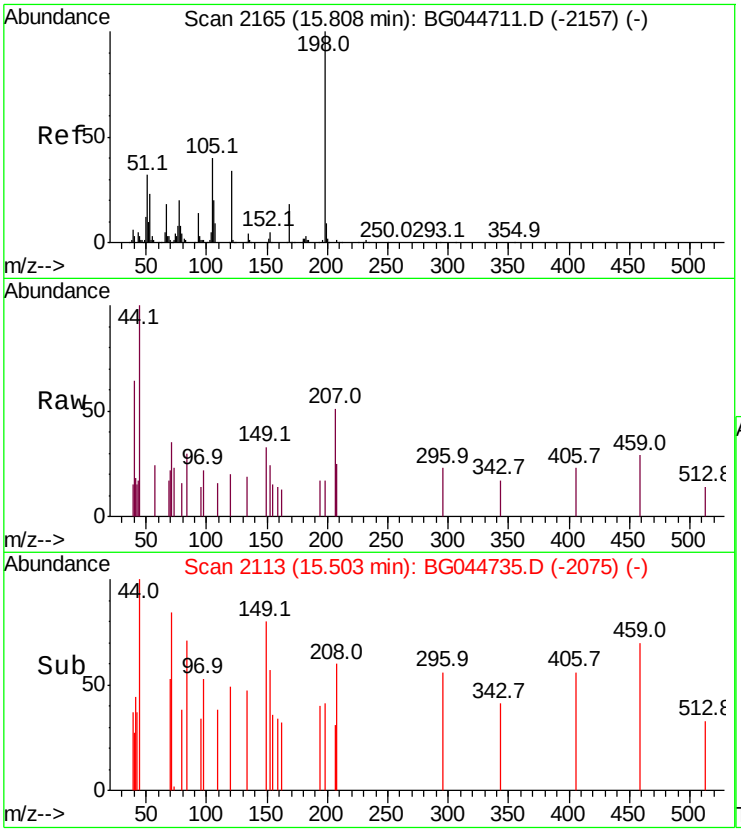


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.01 min
Lab File: BG044735.D
Acq: 12 Mar 2020 14:52

Tgt Ion:188 Resp: 599449

Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.0	10.6
80	9.7	8.4	12.6



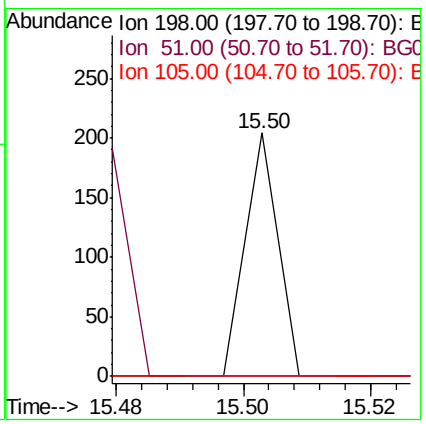


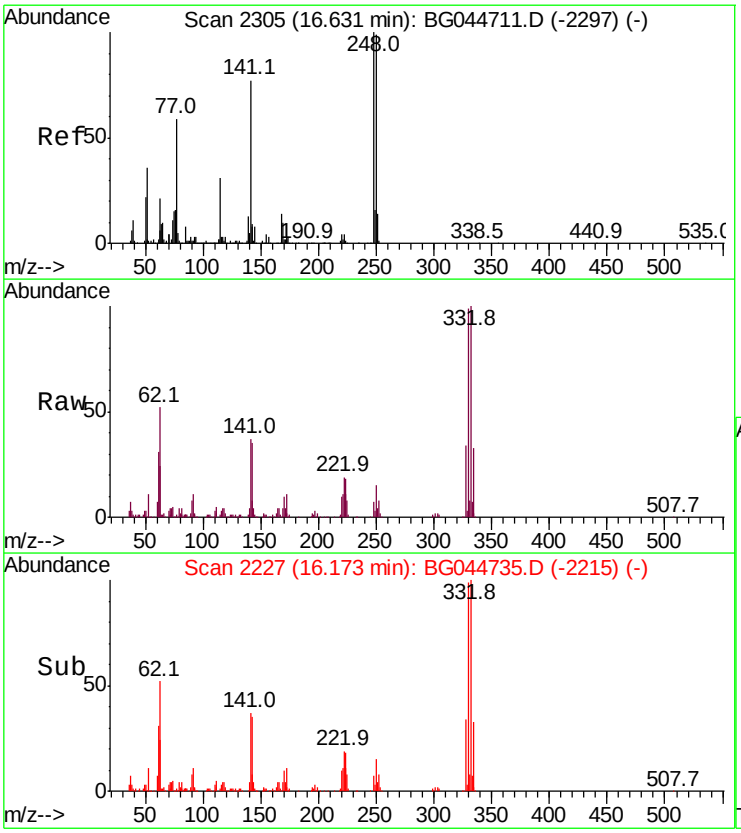
#65
4,6-Dinitro-2-methylphenol
Concen: 7.750 ng
RT: 15.50 min Scan# 2113
Delta R.T. -0.31 min
Lab File: BG044735.D
Acq: 12 Mar 2020 14:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:198 Resp: 72

Ion	Ratio	Lower	Upper
198	100		
51	0.0	20.1	60.1#
105	0.0	21.3	61.3#

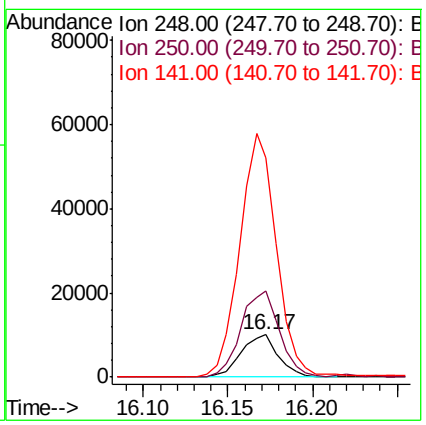


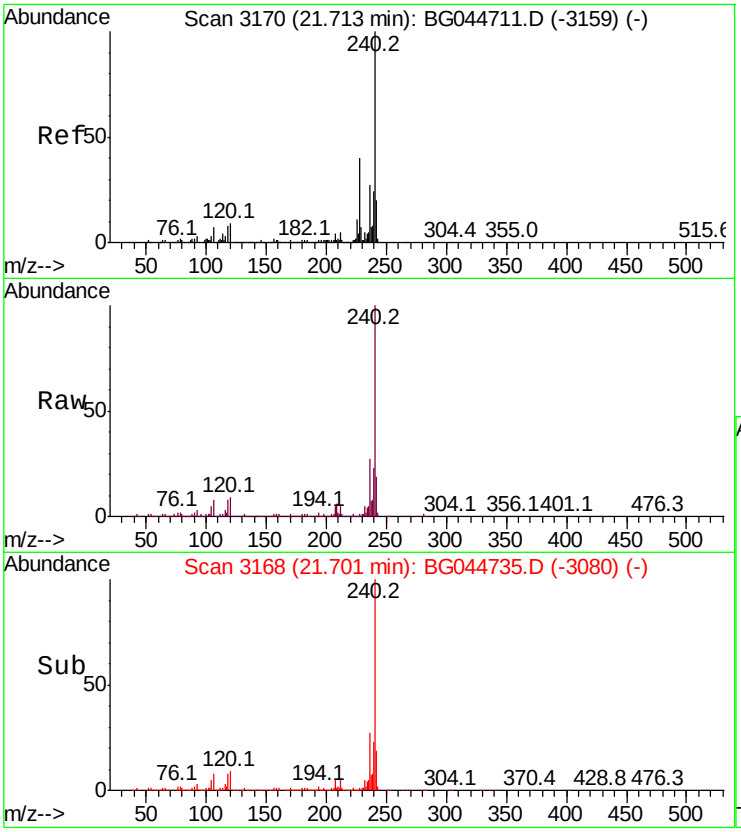


#67
4-Bromophenyl-phenylether
Concen: 2.058 ng
RT: 16.17 min Scan# 2227
Delta R.T. -0.46 min
Lab File: BG044735.D
Acq: 12 Mar 2020 14:52

Tgt Ion:248 Resp: 15421

Ion	Ratio	Lower	Upper
248	100		
250	204.1	79.4	119.0#
141	520.8	61.7	92.5#



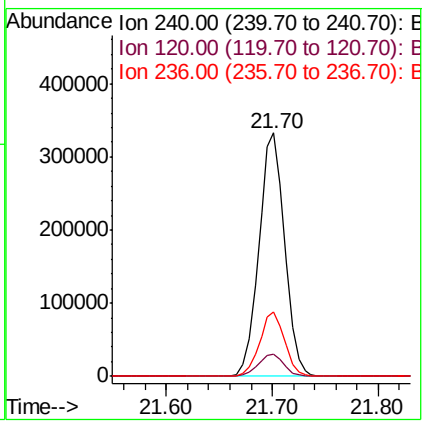


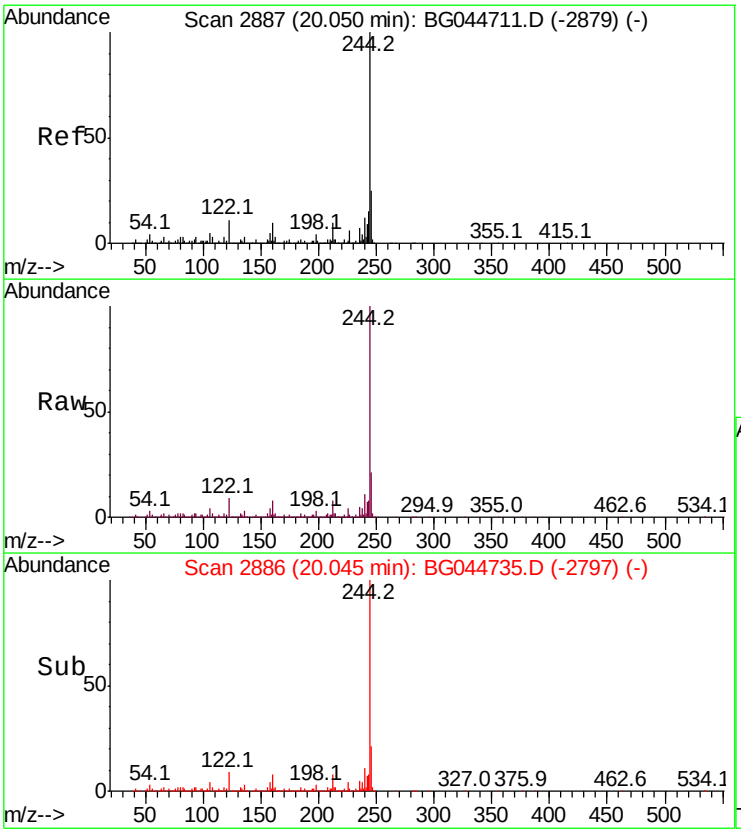
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3168
Delta R.T. -0.01 min
Lab File: BG044735.D
Acq: 12 Mar 2020 14:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 559399

Ion	Ratio	Lower	Upper
240	100		
120	9.3	6.9	10.3
236	26.6	21.9	32.9

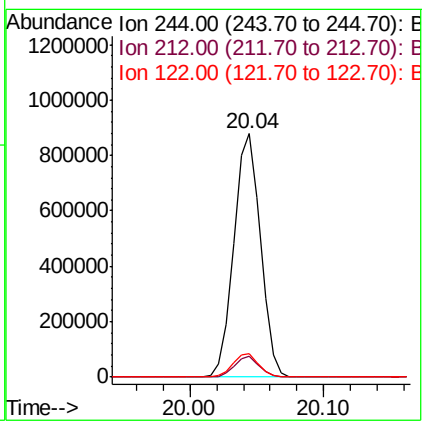


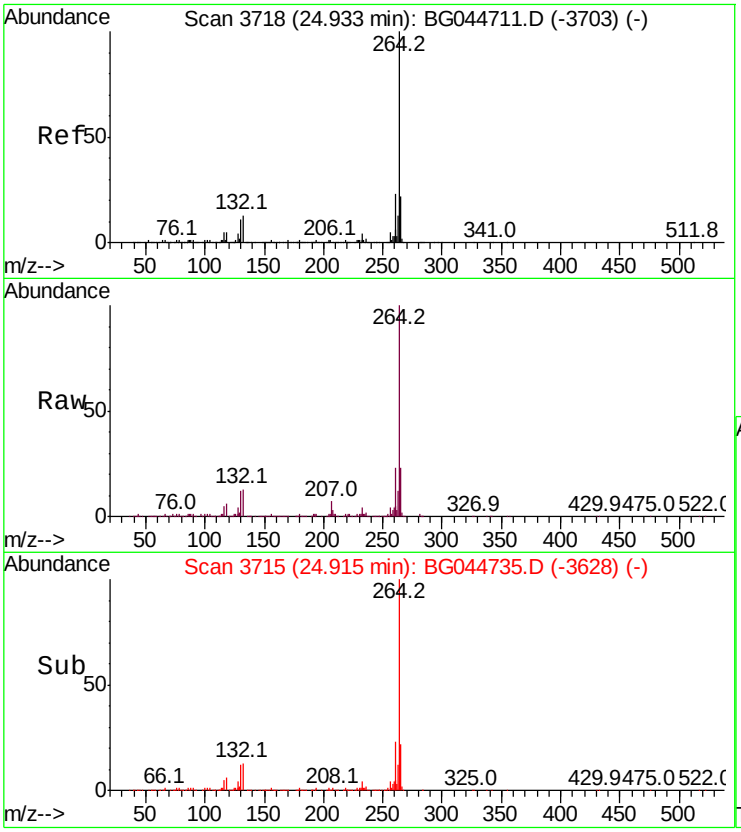


#79
Terphenyl-d14
Concen: 40.514 ng
RT: 20.04 min Scan# 2886
Delta R.T. -0.01 min
Lab File: BG044735.D
Acq: 12 Mar 2020 14:52

Tgt Ion:244 Resp: 1211589

Ion	Ratio	Lower	Upper
244	100		
212	8.4	8.4	12.6#
122	9.5	8.7	13.1

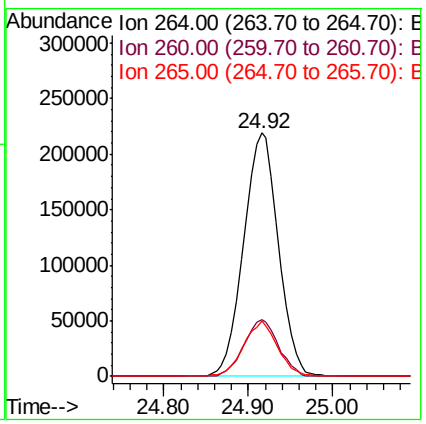




#87
Perylene-d12
Concen: 20.000 ng
RT: 24.92 min Scan# 3715
Delta R.T. -0.02 min
Lab File: BG044735.D
Acq: 12 Mar 2020 14:52

Tgt Ion:264 Resp: 626803

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.4	27.6
265	22.6	17.4	26.2



Instrument :
BNA_G
ClientSampleId :