Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031320\
Data File : BG044807.D
Acq On : 14 Mar 2020 22:59
Operator : CG/JU
Sample : L1873-02
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-1

Quant Time: Mar 16 01:39:30 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	110992	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	447086	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	296102	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	613500	20.00	ng	0.00
76) Chrysene-d12	21.70	240	537005	20.00	ng	-0.01
87) Perylene-d12	24.91	264	599578	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	799547	112.14	ng	0.00
7) Phenol-d6	7.21	99	1047551	101.12	ng	0.00
23) Nitrobenzene-d5	9.21	82	881922	86.56	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	500172	129.01	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	1778566	86.02	ng	0.00
79) Terphenyl-d14	20.04	244	2509104	87.40	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.22	77	2488	Below Cal	#	6
19) n-Nitroso-di-n-propylamine	9.21	70	122208	16.71	ng	# 73
26) 2-Nitrophenol	10.16	139	67	5.53	ng	# 28
32) Benzoic acid	10.24	122	135	9.69	ng	# 1
50) Dimethylphthalate	14.13	163	68702	2.91	ng	# 95
51) 2,6-Dinitrotoluene	14.68	165	37773	7.95	ng	# 21
54) 2,4-Dinitrophenol	14.99	184	158	8.38	ng	# 2
57) 2,4-Dinitrotoluene	14.68	165	37773	5.79	ng	# 18
65) 4,6-Dinitro-2-methylphenol	16.16	198	1776	8.24	ng	# 1
67) 4-Bromophenyl-phenylether	16.17	248	33413	4.36	ng	# 1
77) Benzidine	20.04	184	52445	3.01	ng	# 92

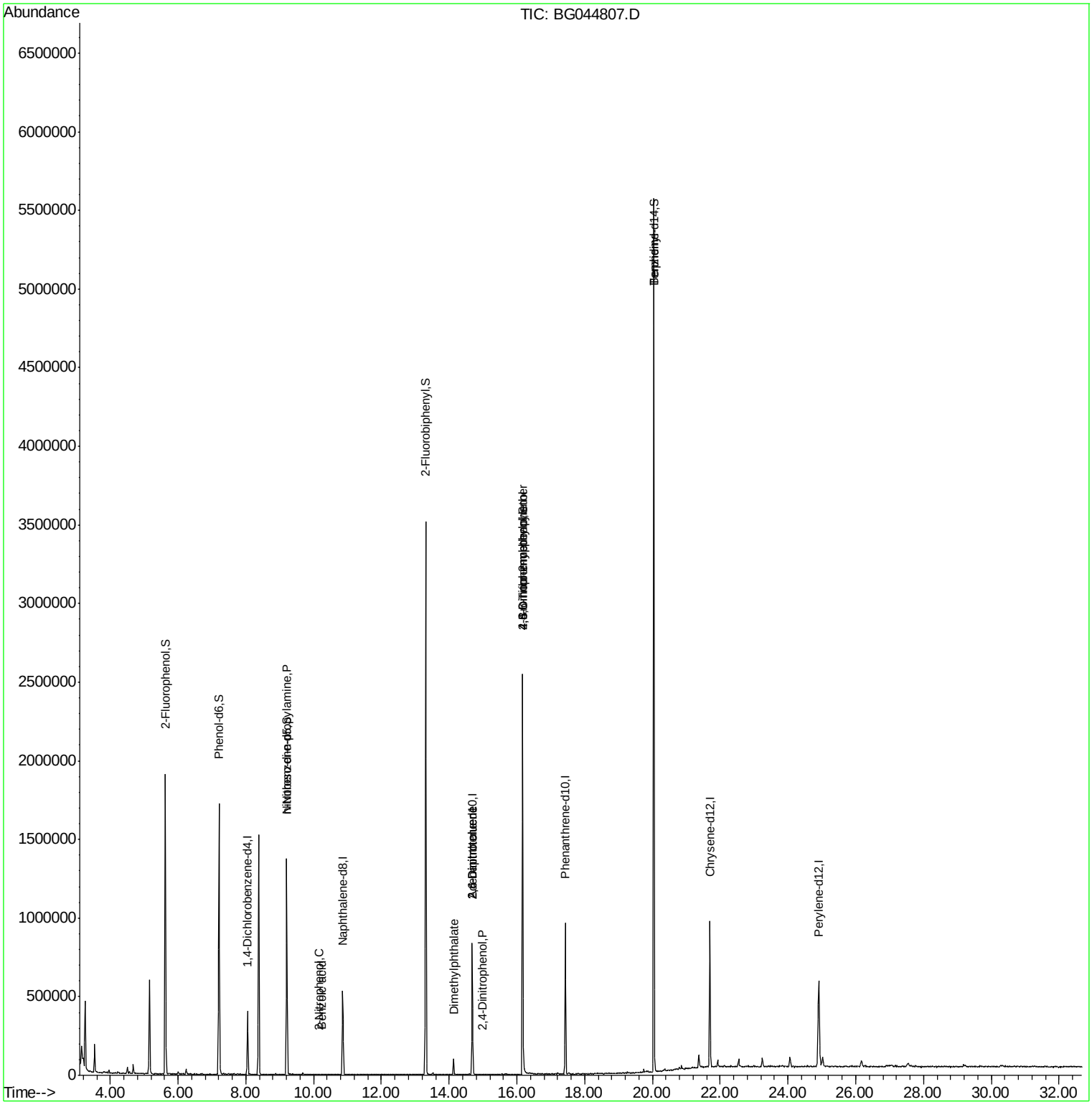
(#) = qualifier out of range (m) = manual integration (+) = signals summed

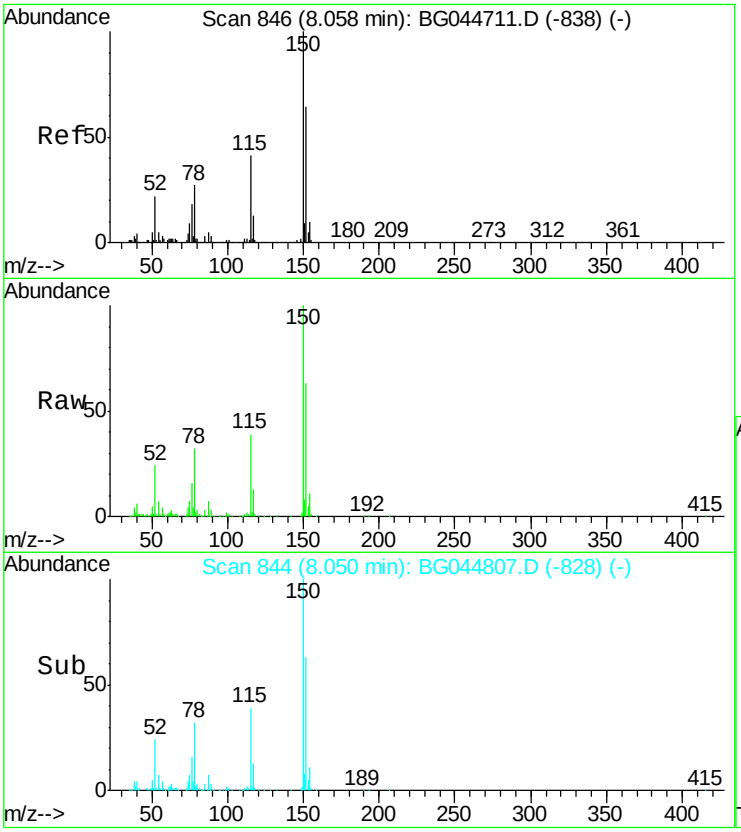
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031320\
Data File : BG044807.D
Acq On : 14 Mar 2020 22:59
Operator : CG/JU
Sample : L1873-02
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-1

Quant Time: Mar 16 01:39:30 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



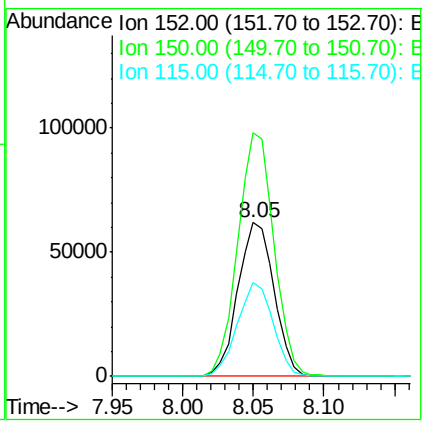


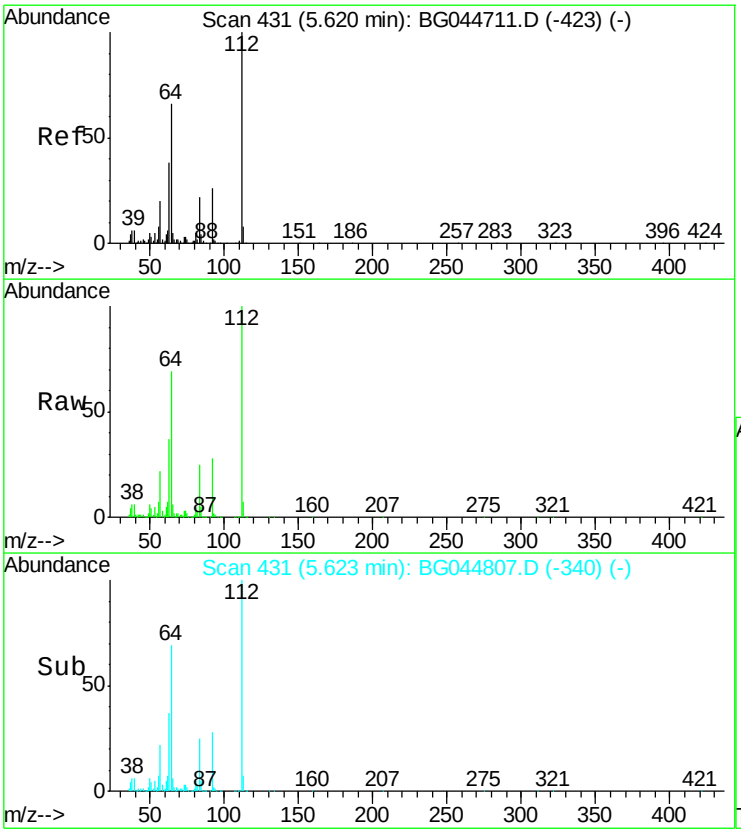
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG044807.D
Acq: 14 Mar 2020 22:59

Instrument :
BNA_G
ClientSampleId :
TP-1

Tgt Ion:152 Resp: 110992

Ion	Ratio	Lower	Upper
152	100		
150	158.7	125.3	187.9
115	61.3	51.7	77.5

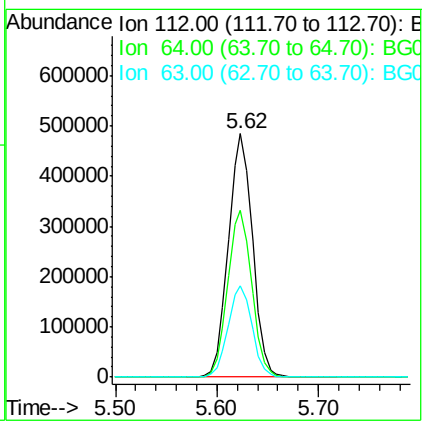


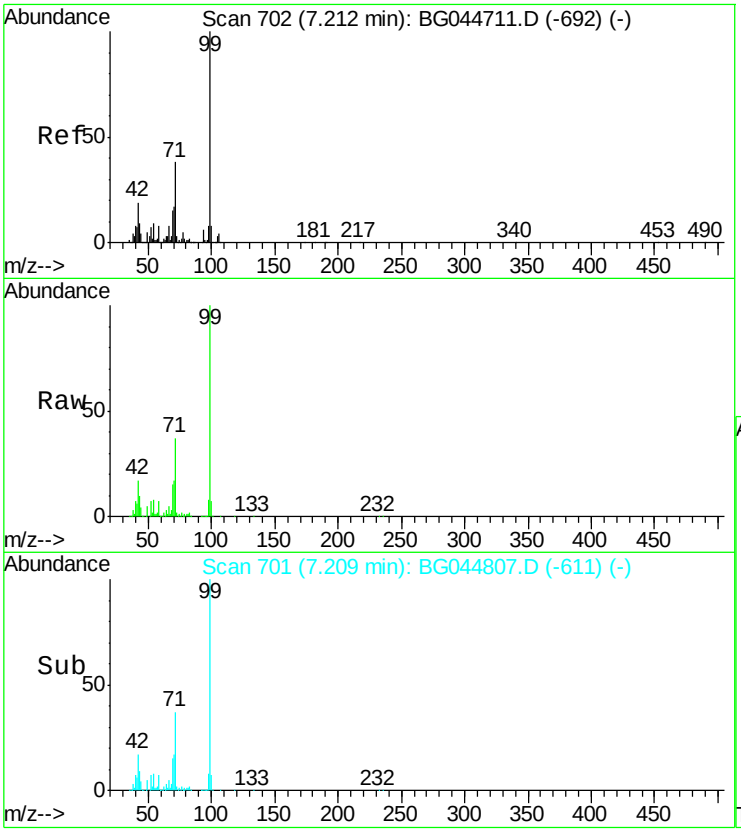


#5
2-Fluorophenol
Concen: 112.14 ng
RT: 5.62 min Scan# 431
Delta R.T. 0.00 min
Lab File: BG044807.D
Acq: 14 Mar 2020 22:59

Tgt Ion:112 Resp: 799547

Ion	Ratio	Lower	Upper
112	100		
64	68.8	52.6	78.8
63	37.4	30.2	45.4



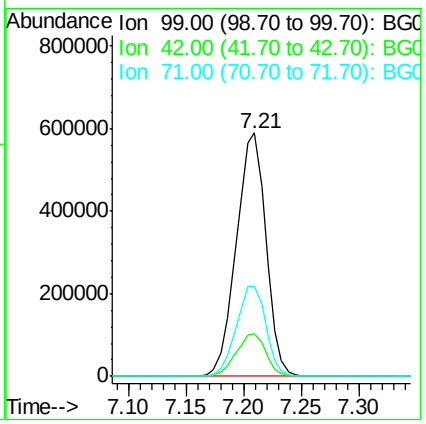


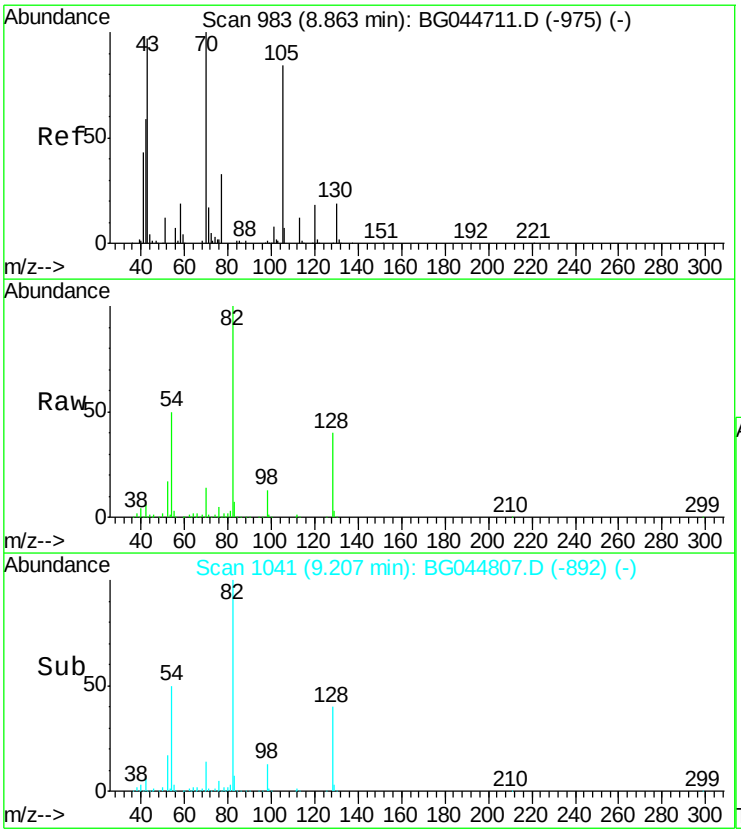
#7
Phenol-d6
Concen: 101.12 ng
RT: 7.21 min Scan# 701
Delta R.T. -0.00 min
Lab File: BG044807.D
Acq: 14 Mar 2020 22:59

Instrument :
BNA_G
ClientSampleId :
TP-1

Tgt Ion: 99 Resp: 1047551

Ion	Ratio	Lower	Upper
99	100		
42	17.3	15.4	23.0
71	37.2	30.2	45.4

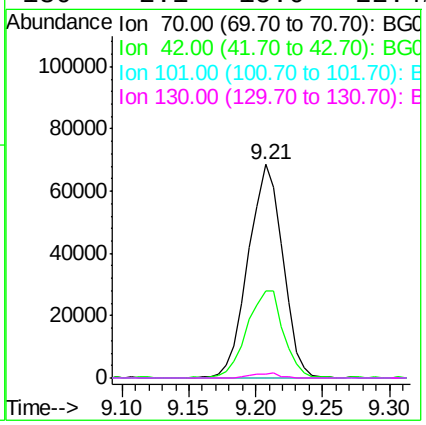


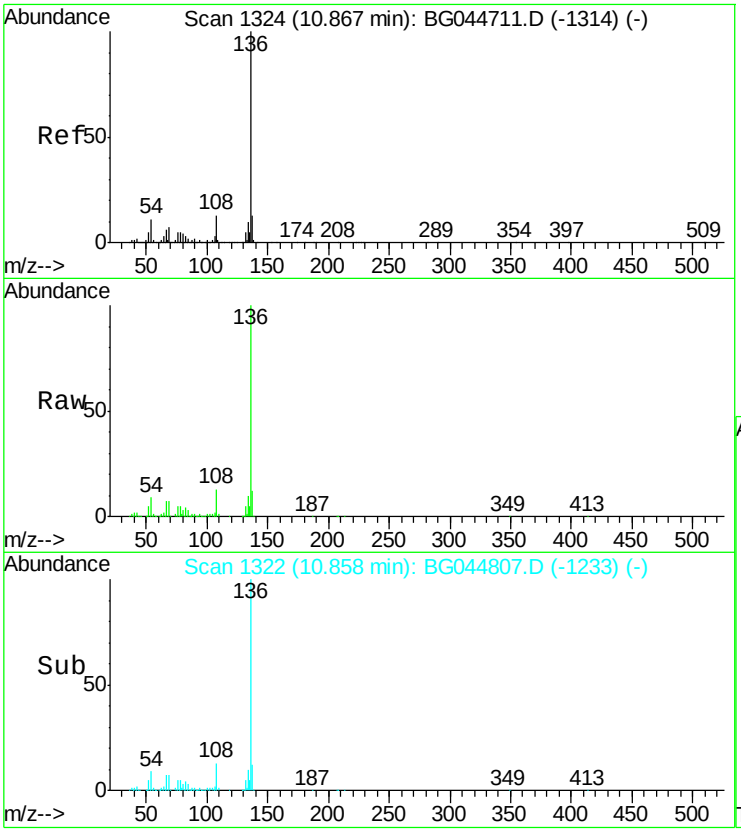


#19
n-Nitroso-di-n-propylamine
Concen: 16.71 ng
RT: 9.21 min Scan# 1041
Delta R.T. 0.34 min
Lab File: BG044807.D
Acq: 14 Mar 2020 22:59

Tgt Ion: 70 Resp: 122208

Ion	Ratio	Lower	Upper
70	100		
42	40.9	47.6	71.4#
101	0.0	6.5	9.7#
130	2.1	15.0	22.4#



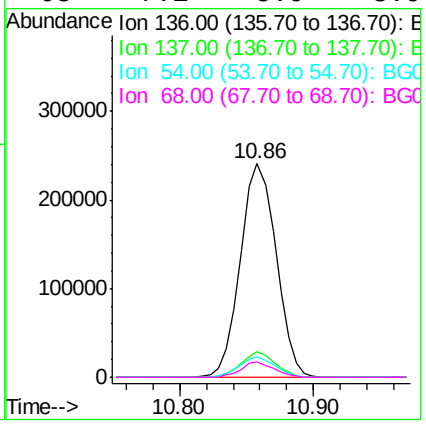


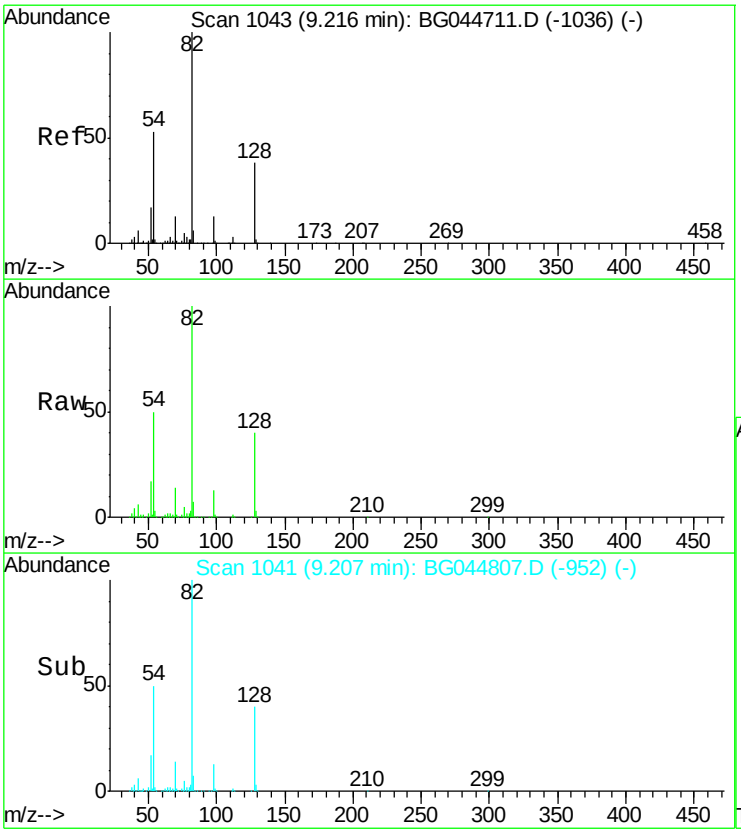
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BG044807.D
Acq: 14 Mar 2020 22:59

Instrument :
BNA_G
ClientSampleId :
TP-1

Tgt Ion:136 Resp: 447086

Ion	Ratio	Lower	Upper
136	100		
137	11.9	10.7	16.1
54	9.4	9.0	13.4
68	7.1	5.9	8.9

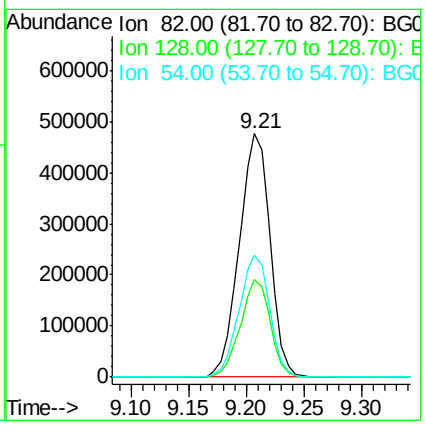


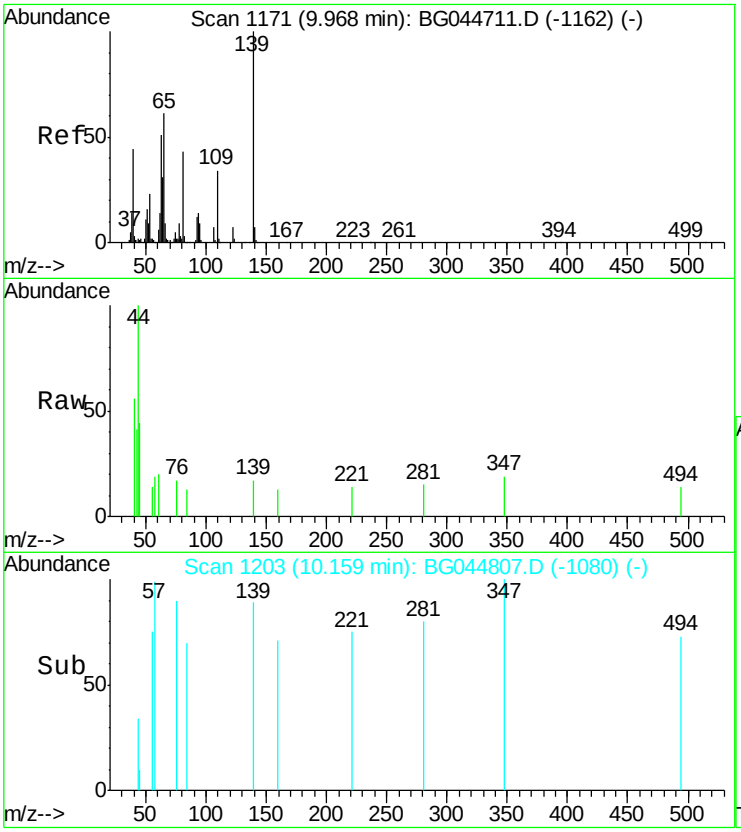


#23
Nitrobenzene-d5
Concen: 86.56 ng
RT: 9.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG044807.D
Acq: 14 Mar 2020 22:59

Tgt Ion: 82 Resp: 881922

Ion	Ratio	Lower	Upper
82	100		
128	40.0	30.2	45.2
54	50.1	41.8	62.8



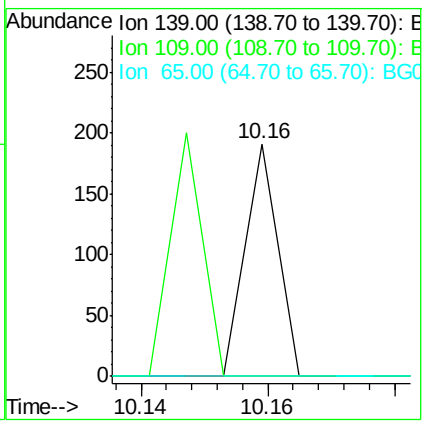


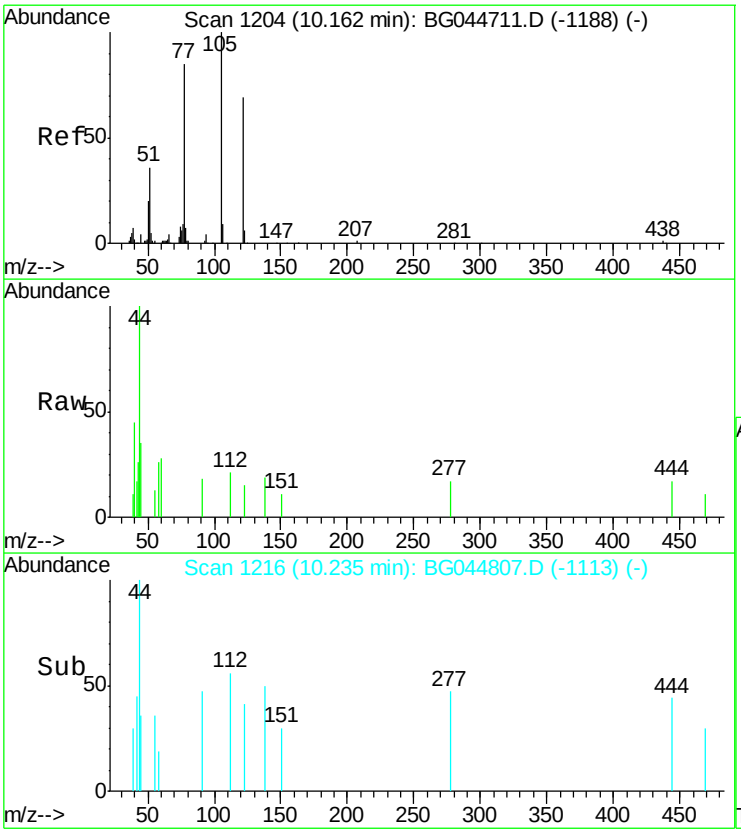
#26
2-Nitrophenol
Concen: 5.53 ng
RT: 10.16 min Scan# 1203
Delta R.T. 0.19 min
Lab File: BG044807.D
Acq: 14 Mar 2020 22:59

Instrument :
BNA_G
ClientSampleId :
TP-1

Tgt Ion:139 Resp: 67

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

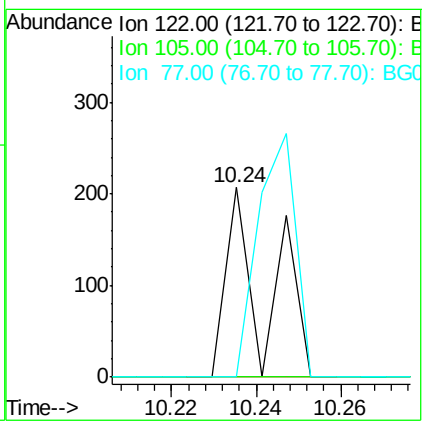


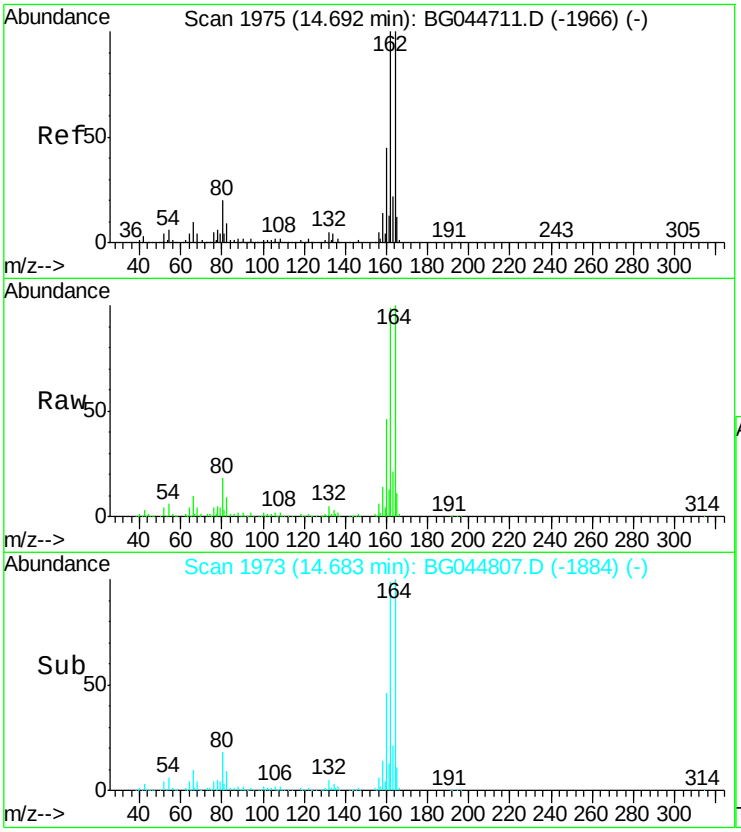


#32
Benzoic acid
Concen: 9.69 ng
RT: 10.24 min Scan# 1216
Delta R.T. 0.07 min
Lab File: BG044807.D
Acq: 14 Mar 2020 22:59

Tgt Ion:122 Resp: 135

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



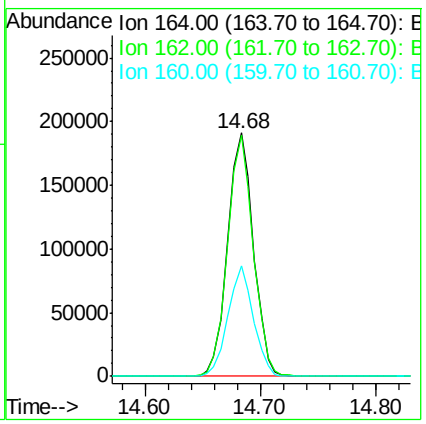


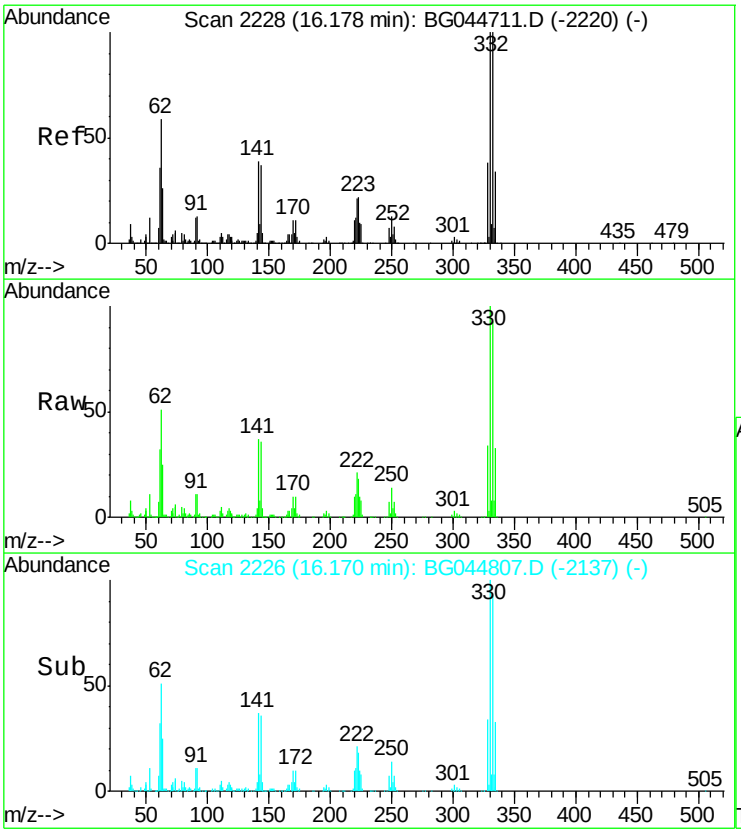
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.01 min
Lab File: BG044807.D
Acq: 14 Mar 2020 22:59

Instrument :
BNA_G
ClientSampleId :
TP-1

Tgt Ion:164 Resp: 296102

Ion	Ratio	Lower	Upper
164	100		
162	98.9	80.2	120.4
160	45.6	36.2	54.2

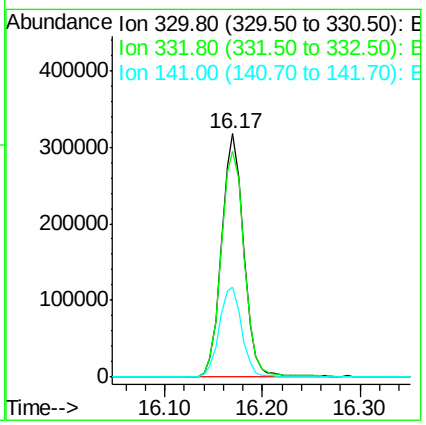


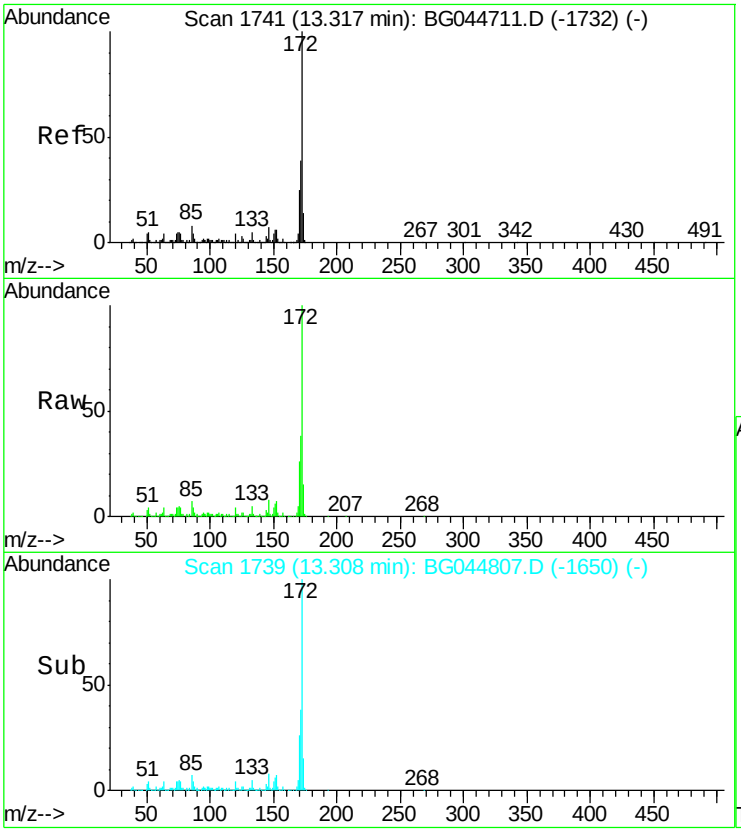


#42
2,4,6-Tribromophenol
Concen: 129.01 ng
RT: 16.17 min Scan# 2226
Delta R.T. -0.01 min
Lab File: BG044807.D
Acq: 14 Mar 2020 22:59

Tgt Ion:330 Resp: 500172

Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.5	116.3
141	37.6	31.7	47.5



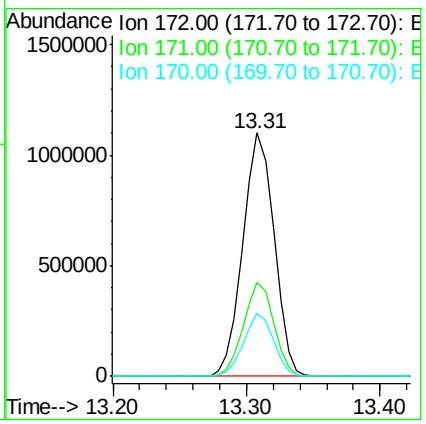


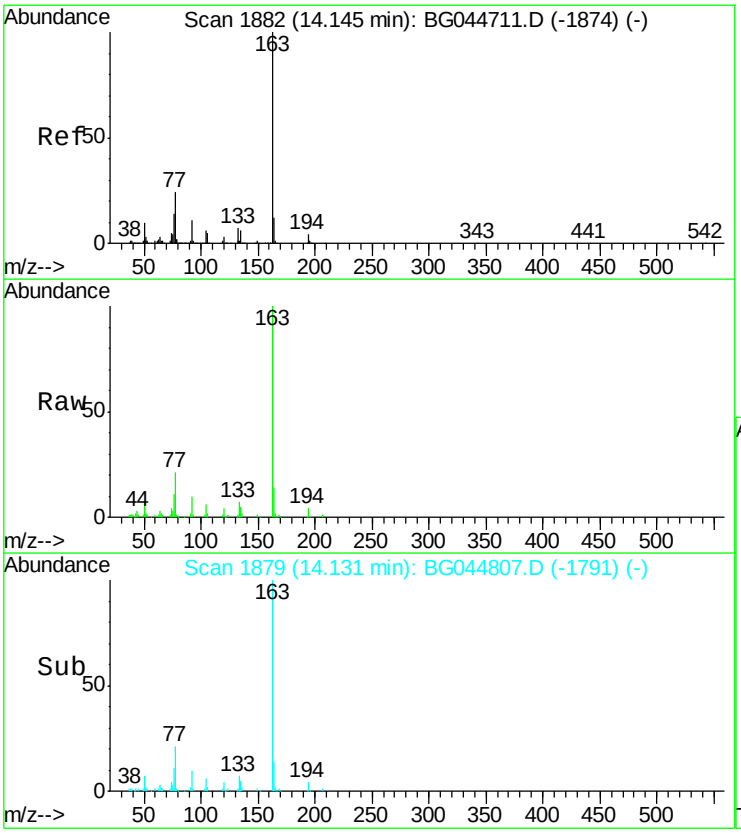
#45
2-Fluorobiphenyl
Concen: 86.02 ng
RT: 13.31 min Scan# 1739
Delta R.T. -0.01 min
Lab File: BG044807.D
Acq: 14 Mar 2020 22:59

Instrument :
BNA_G
ClientSampleId :
TP-1

Tgt Ion:172 Resp: 1778566

Ion	Ratio	Lower	Upper
172	100		
171	38.4	30.8	46.2
170	25.8	20.0	30.0

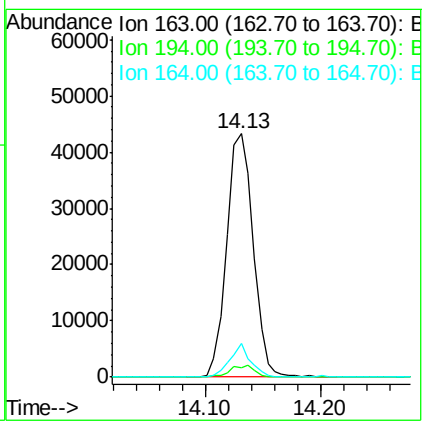


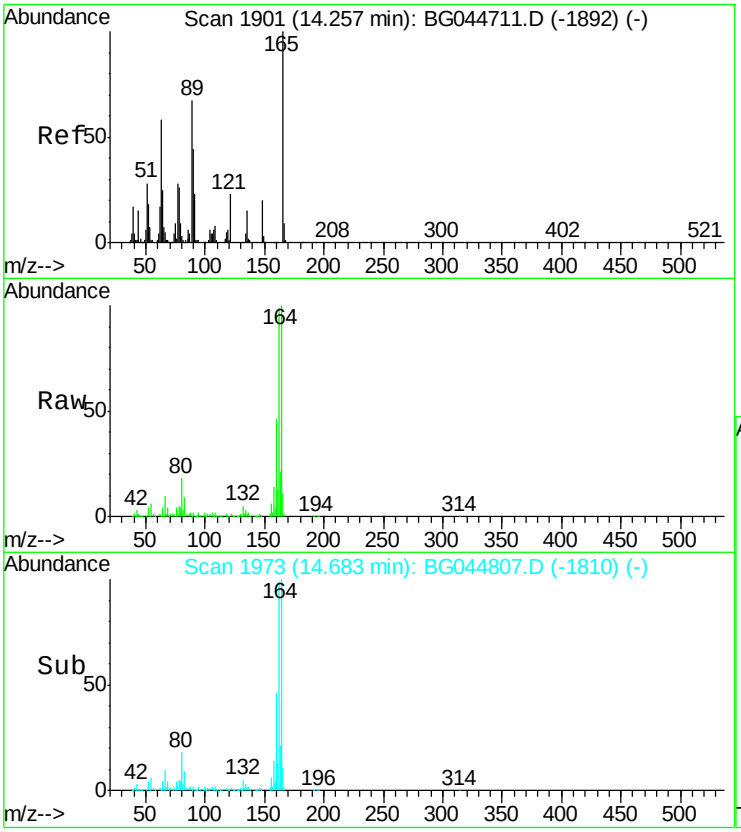


#50
Dimethylphthalate
Concen: 2.91 ng
RT: 14.13 min Scan# 1879
Delta R.T. -0.01 min
Lab File: BG044807.D
Acq: 14 Mar 2020 22:59

Tgt Ion:163 Resp: 68702

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.5	5.3
164	13.8	9.2	13.8#



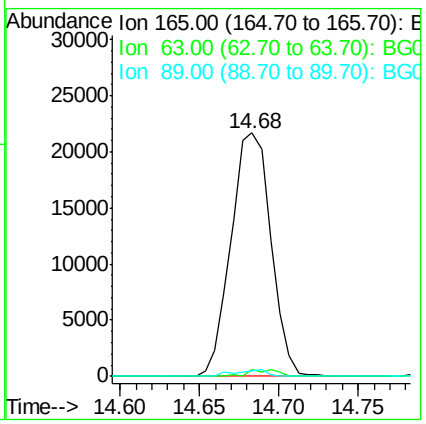


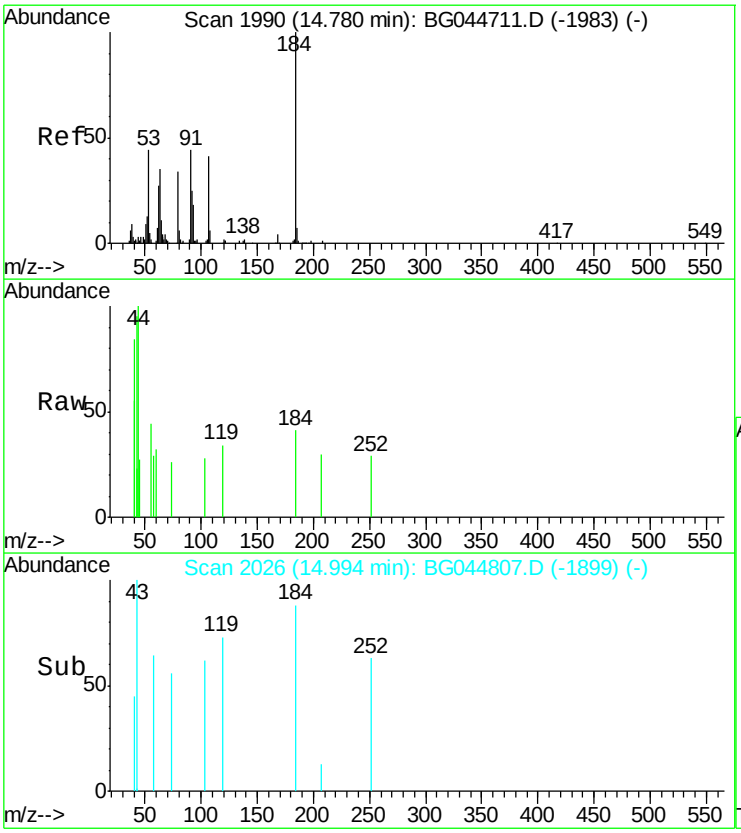
#51
2,6-Dinitrotoluene
Concen: 7.95 ng
RT: 14.68 min Scan# 1973
Delta R.T. 0.43 min
Lab File: BG044807.D
Acq: 14 Mar 2020 22:59

Instrument :
BNA_G
ClientSampleId :
TP-1

Tgt Ion:165 Resp: 37773

Ion	Ratio	Lower	Upper
165	100		
63	2.8	48.9	73.3#
89	2.2	53.8	80.8#

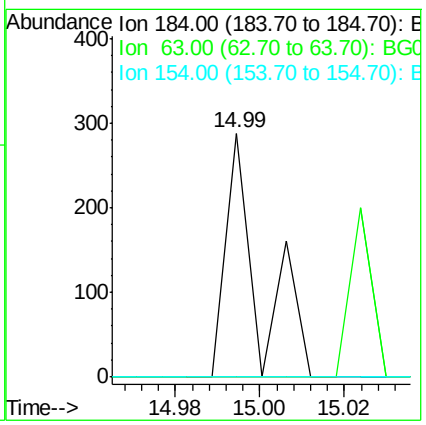


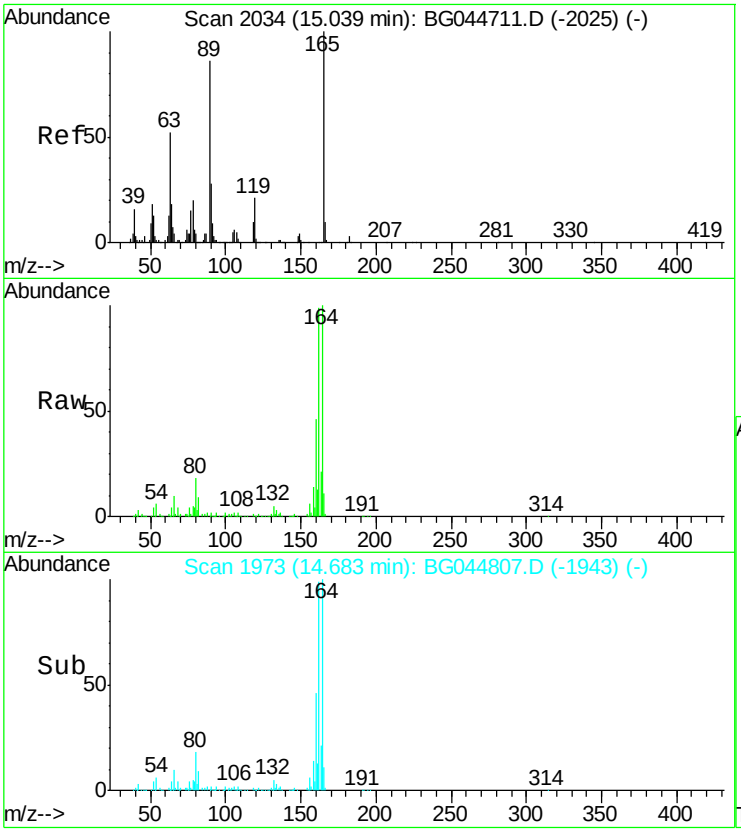


#54
2,4-Dinitrophenol
Concen: 8.38 ng
RT: 14.99 min Scan# 2026
Delta R.T. 0.22 min
Lab File: BG044807.D
Acq: 14 Mar 2020 22:59

Tgt Ion:184 Resp: 158

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



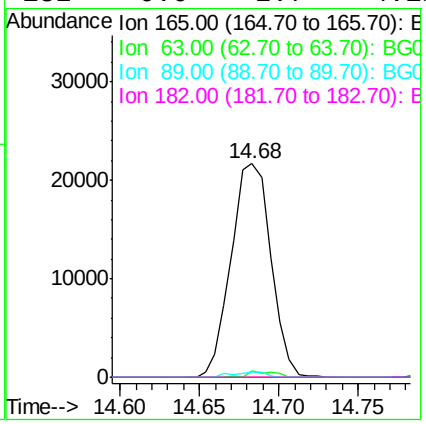


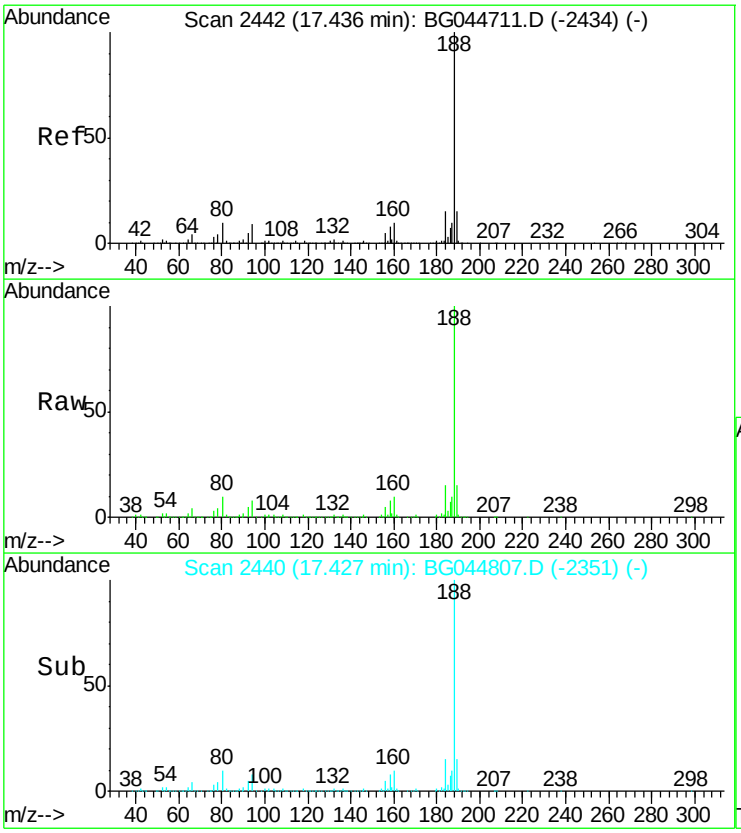
#57
2,4-Dinitrotoluene
Concen: 5.79 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.36 min
Lab File: BG044807.D
Acq: 14 Mar 2020 22:59

Instrument :
BNA_G
ClientSampleId :
TP-1

Tgt Ion:165 Resp: 37773

Ion	Ratio	Lower	Upper
165	100		
63	2.8	41.5	62.3#
89	2.2	69.0	103.4#
182	0.0	2.7	4.1#

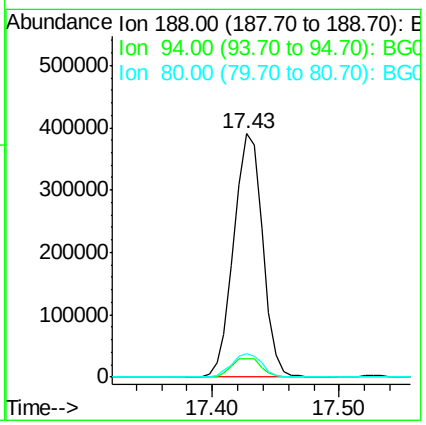


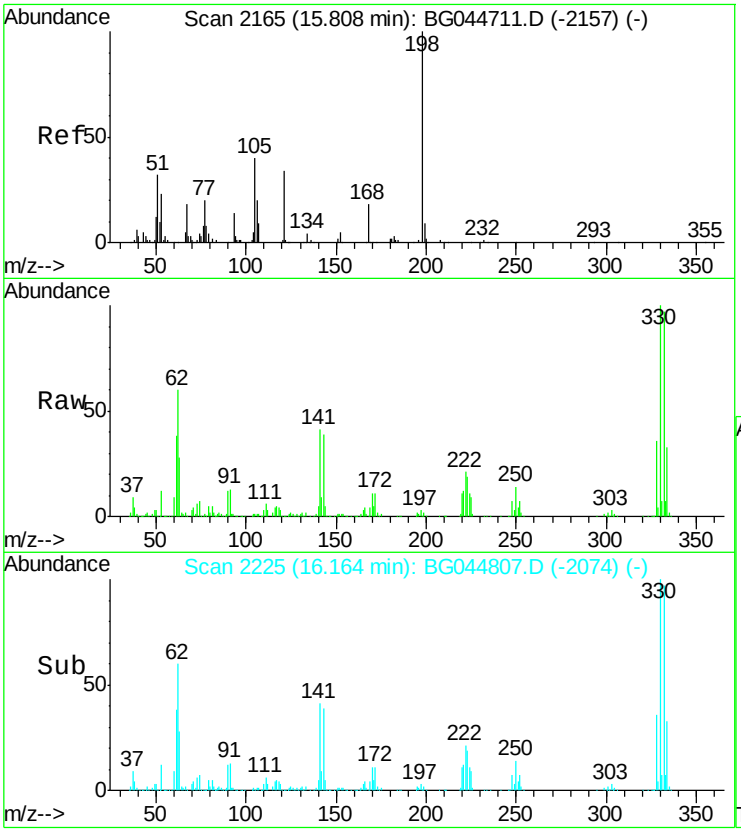


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.43 min Scan# 2440
Delta R.T. -0.01 min
Lab File: BG044807.D
Acq: 14 Mar 2020 22:59

Tgt Ion:188 Resp: 613500

Ion	Ratio	Lower	Upper
188	100		
94	7.8	7.0	10.6
80	9.6	8.4	12.6



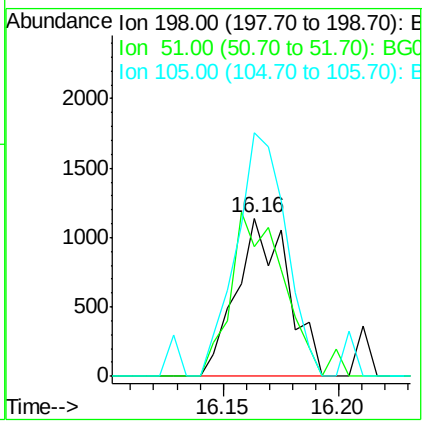


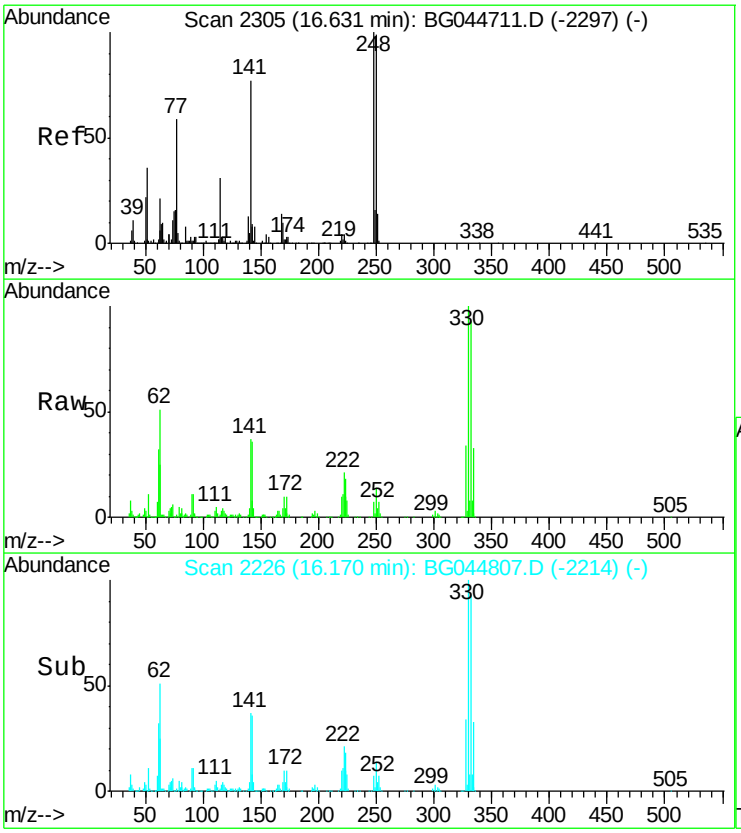
#65
4,6-Dinitro-2-methylphenol
Concen: 8.24 ng
RT: 16.16 min Scan# 2225
Delta R.T. 0.36 min
Lab File: BG044807.D
Acq: 14 Mar 2020 22:59

Instrument :
BNA_G
ClientSampleId :
TP-1

Tgt Ion:198 Resp: 1776

Ion	Ratio	Lower	Upper
198	100		
51	81.9	20.1	60.1#
105	153.7	21.3	61.3#

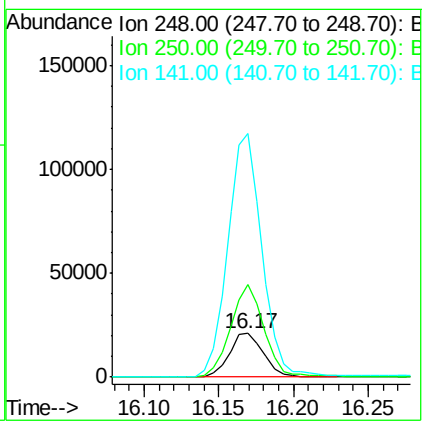


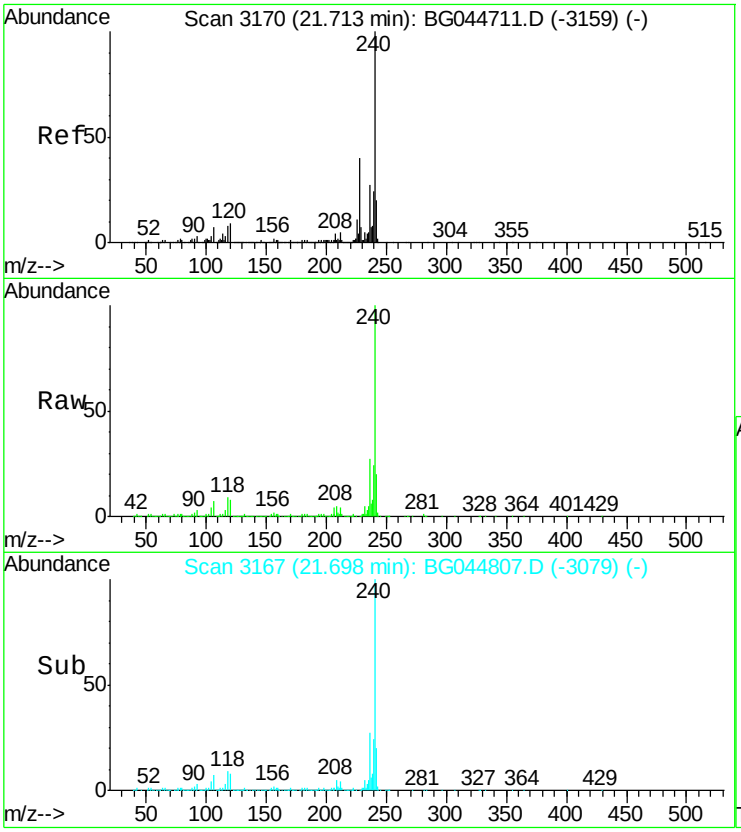


#67
4-Bromophenyl-phenylether
Concen: 4.36 ng
RT: 16.17 min Scan# 2226
Delta R.T. -0.46 min
Lab File: BG044807.D
Acq: 14 Mar 2020 22:59

Tgt Ion:248 Resp: 33413

Ion	Ratio	Lower	Upper
248	100		
250	213.2	79.4	119.0#
141	560.4	61.7	92.5#



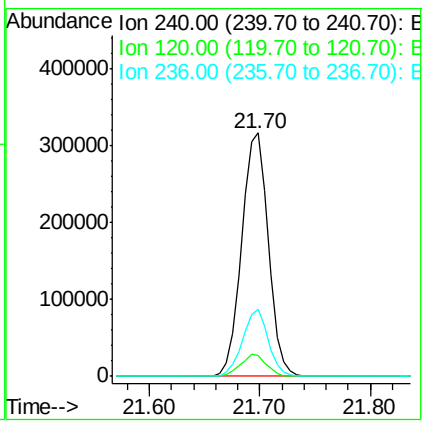


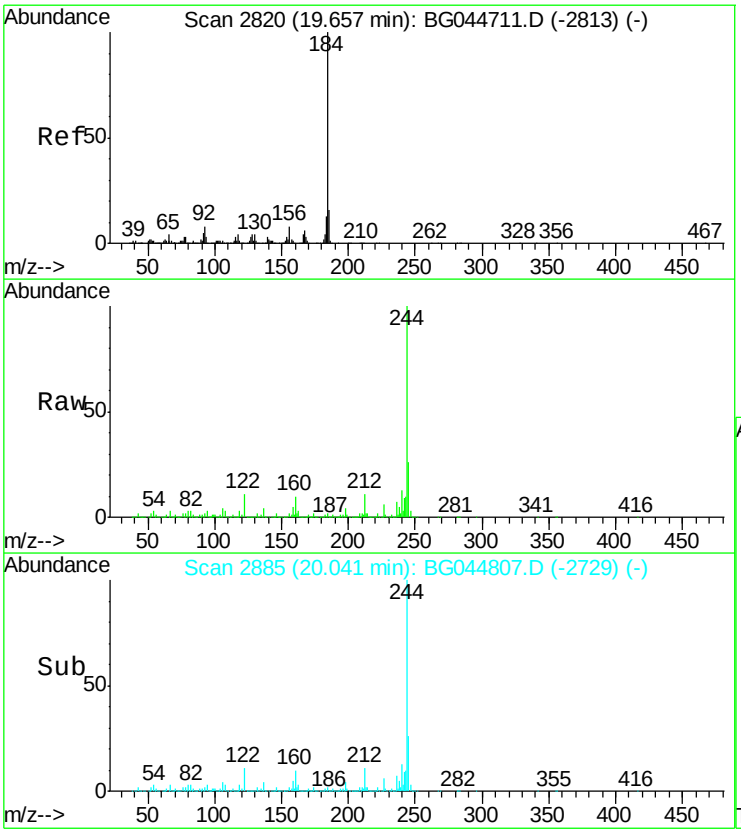
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.70 min Scan# 3167
Delta R.T. -0.01 min
Lab File: BG044807.D
Acq: 14 Mar 2020 22:59

Instrument :
BNA_G
ClientSampleId :
TP-1

Tgt Ion:240 Resp: 537005

Ion	Ratio	Lower	Upper
240	100		
120	8.4	6.9	10.3
236	27.3	21.9	32.9

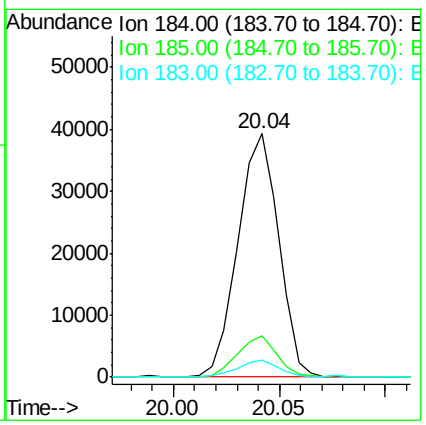


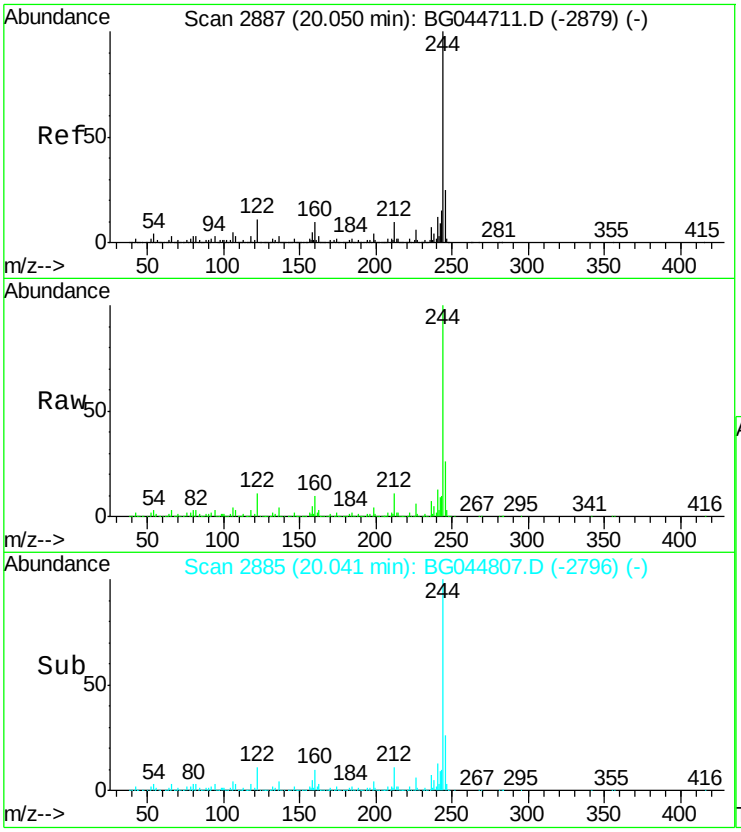


#77
Benzidine
Concen: 3.01 ng
RT: 20.04 min Scan# 2885
Delta R.T. 0.38 min
Lab File: BG044807.D
Acq: 14 Mar 2020 22:59

Tgt Ion:184 Resp: 52445

Ion	Ratio	Lower	Upper
184	100		
185	16.9	12.9	19.3
183	7.1	10.6	15.8#



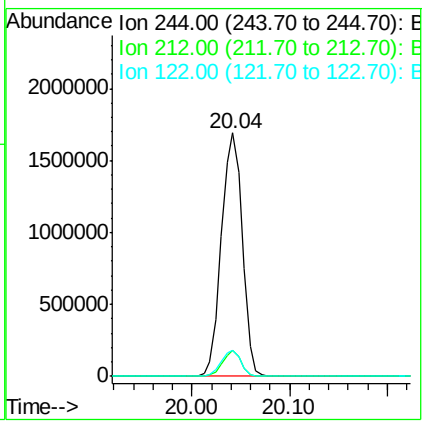


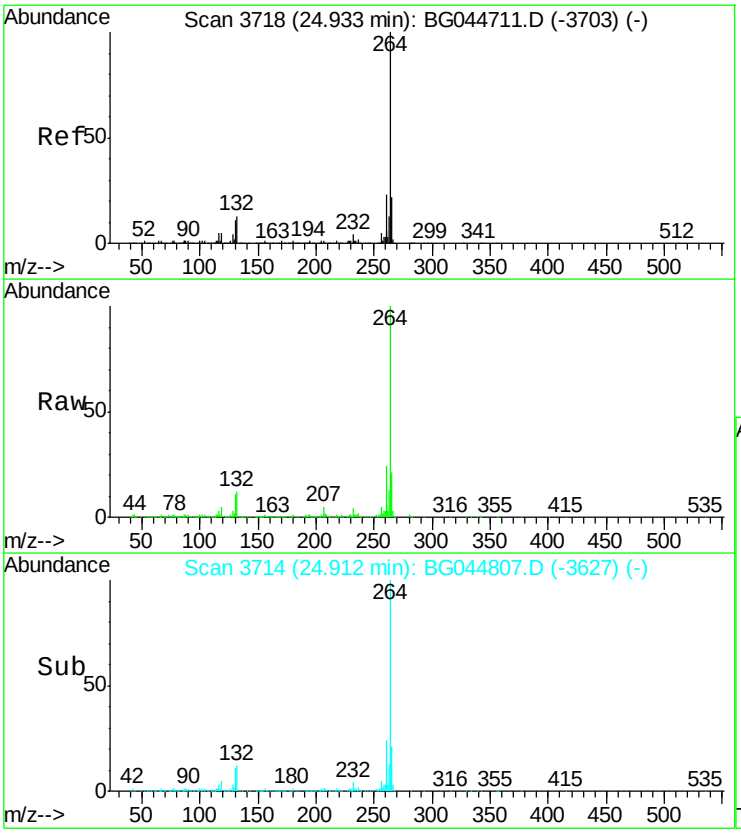
#79
Terphenyl-d14
Concen: 87.40 ng
RT: 20.04 min Scan# 2885
Delta R.T. -0.01 min
Lab File: BG044807.D
Acq: 14 Mar 2020 22:59

Instrument :
BNA_G
ClientSampleId :
TP-1

Tgt Ion:244 Resp: 2509104

Ion	Ratio	Lower	Upper
244	100		
212	10.5	8.4	12.6
122	10.8	8.7	13.1





#87
Perylene-d12
Concen: 20.00 ng
RT: 24.91 min Scan# 3714
Delta R.T. -0.02 min
Lab File: BG044807.D
Acq: 14 Mar 2020 22:59

Tgt Ion:264 Resp: 599578

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.4	27.6
265	21.2	17.4	26.2