Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG071320\
Data File : BG046022.D
Acq On : 13 Jul 2020 14:35
Operator : CG/JU
Sample : PB130142TB
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB130142TB

Quant Time: Jul 13 15:16:59 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG070620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 13 10:58:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	148943	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	610558	20.00	ng	0.00
39) Acenaphthene-d10	14.62	164	369415	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	774940	20.00	ng	0.00
76) Chrysene-d12	21.62	240	678541	20.00	ng	0.00
86) Perylene-d12	24.78	264	669991	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	1094391	119.16	ng	0.00
7) Phenol-d6	7.17	99	1581577	119.61	ng	0.00
23) Nitrobenzene-d5	9.15	82	972254	91.66	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	437578	127.63	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	1840393	77.71	ng	0.00
79) Terphenyl-d14	19.99	244	2536976	83.21	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.15	70	129845	13.978	ng	# 81
32) Benzoic acid	10.48	122	113	6.524	ng	# 1
48) 2-Nitroaniline	13.25	65	3711	3.931	ng	# 1
51) 2,6-Dinitrotoluene	14.62	165	49066	12.523	ng	# 19
53) 3-Nitroaniline	14.48	138	54	2.991	ng	# 1
54) 2,4-Dinitrophenol	14.80	184	58	6.139	ng	# 17
57) 2,4-Dinitrotoluene	14.62	165	49066	11.039	ng	# 21
65) 4,6-Dinitro-2-methylphenol	16.11	198	1816	7.375	ng	# 1
67) 4-Bromophenyl-phenylether	16.11	248	31862	3.681	ng	# 1
77) Benzidine	19.98	184	52286	2.695	ng	# 91

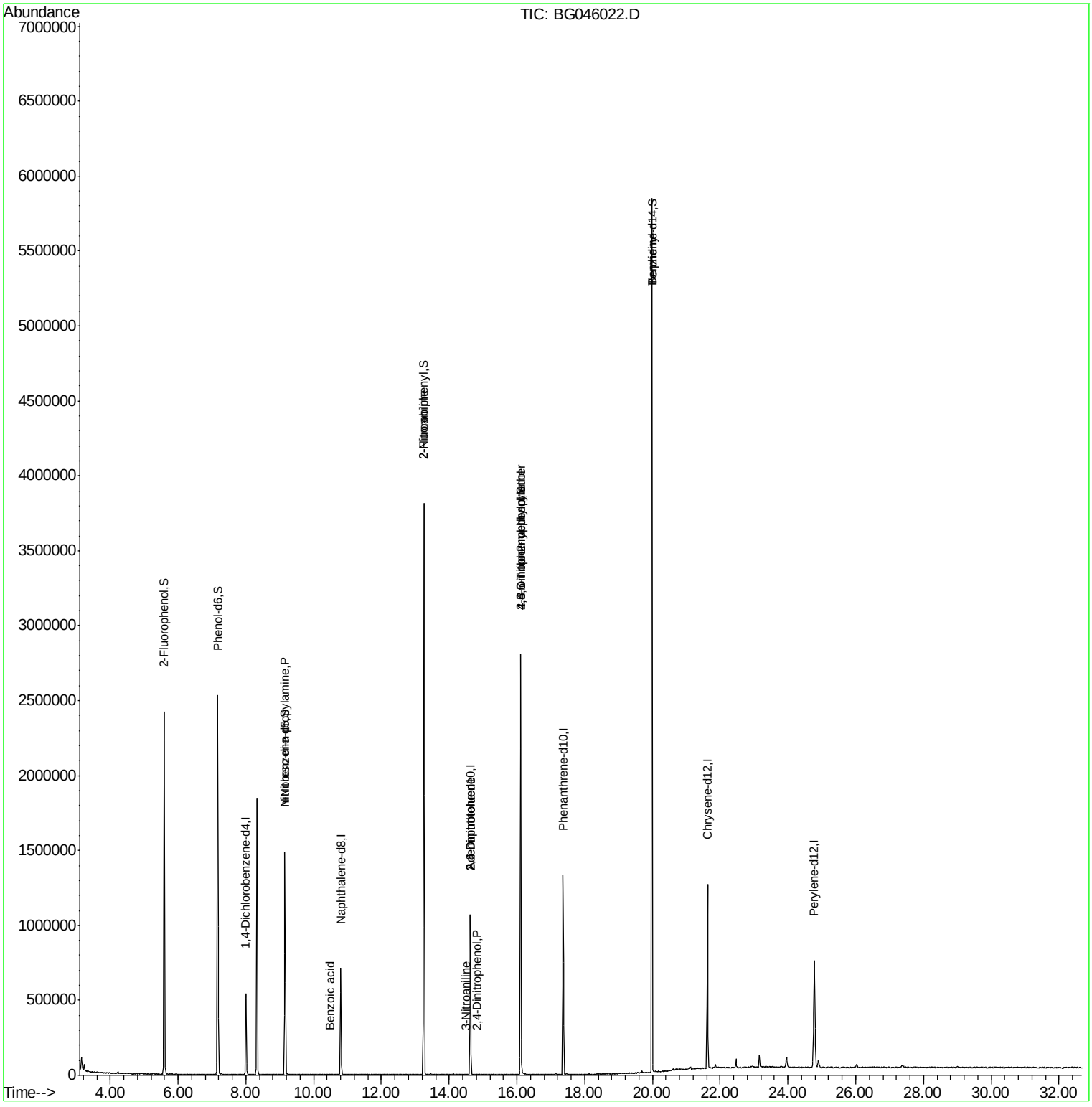
(#) = qualifier out of range (m) = manual integration (+) = signals summed

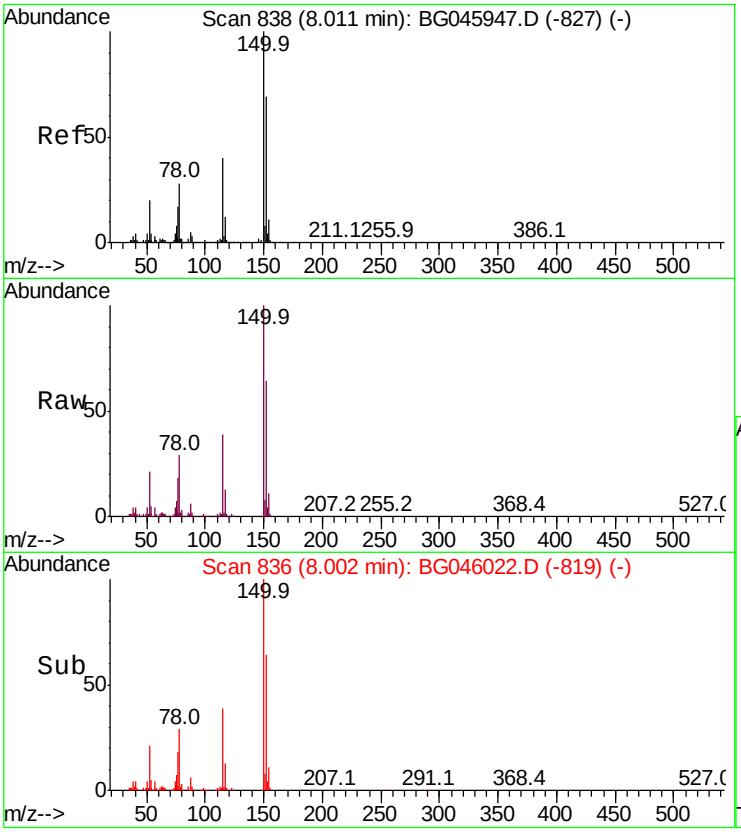
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG071320\
Data File : BG046022.D
Acq On : 13 Jul 2020 14:35
Operator : CG/JU
Sample : PB130142TB
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB130142TB

Quant Time: Jul 13 15:16:59 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG070620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 13 10:58:53 2020
Response via : Initial Calibration



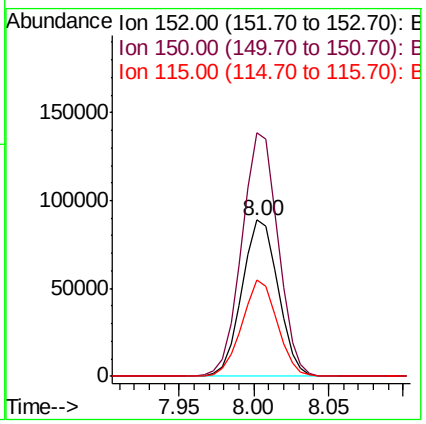


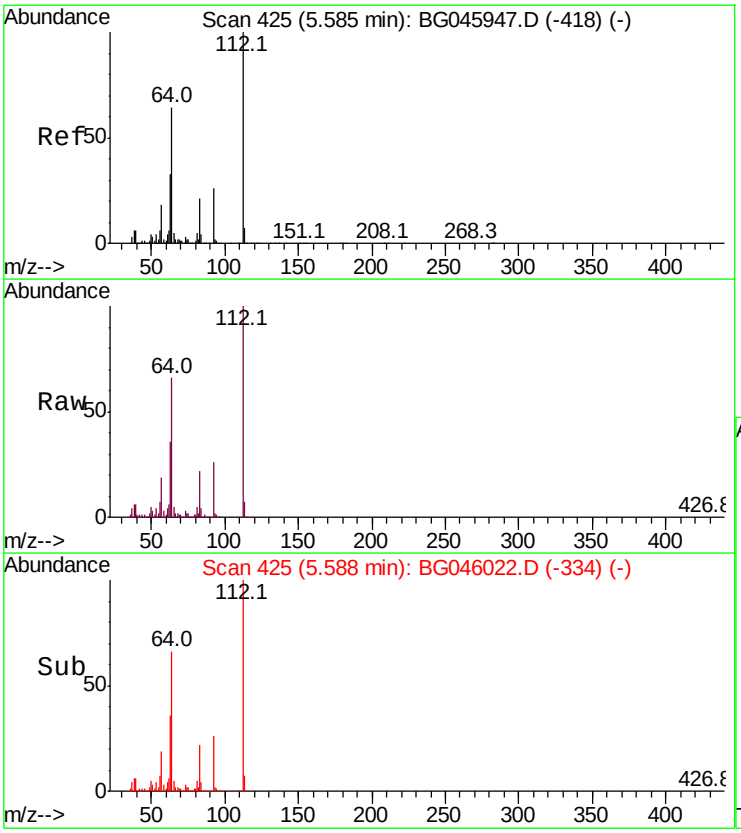
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.00 min
Lab File: BG046022.D
Acq: 13 Jul 2020 14:35

Instrument :
BNA_G
ClientSampleId :
PB130142TB

Tgt Ion:152 Resp: 148943

Ion	Ratio	Lower	Upper
152	100		
150	155.9	116.7	175.1
115	61.5	47.4	71.0

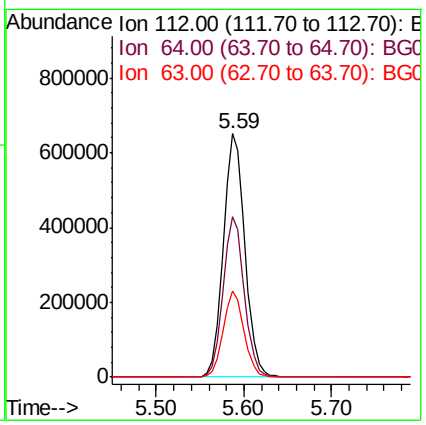


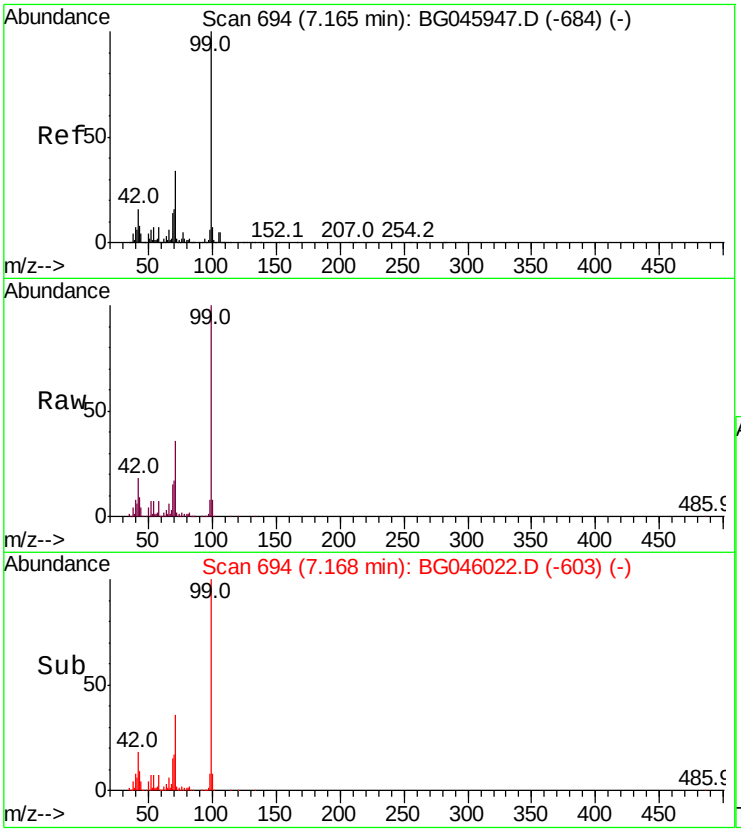


#5
2-Fluorophenol
Concen: 119.155 ng
RT: 5.59 min Scan# 425
Delta R.T. 0.00 min
Lab File: BG046022.D
Acq: 13 Jul 2020 14:35

Tgt Ion:112 Resp: 1094391

Ion	Ratio	Lower	Upper
112	100		
64	65.7	51.4	77.2
63	35.6	26.6	40.0



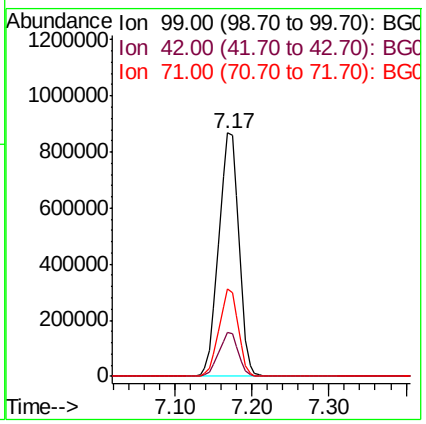


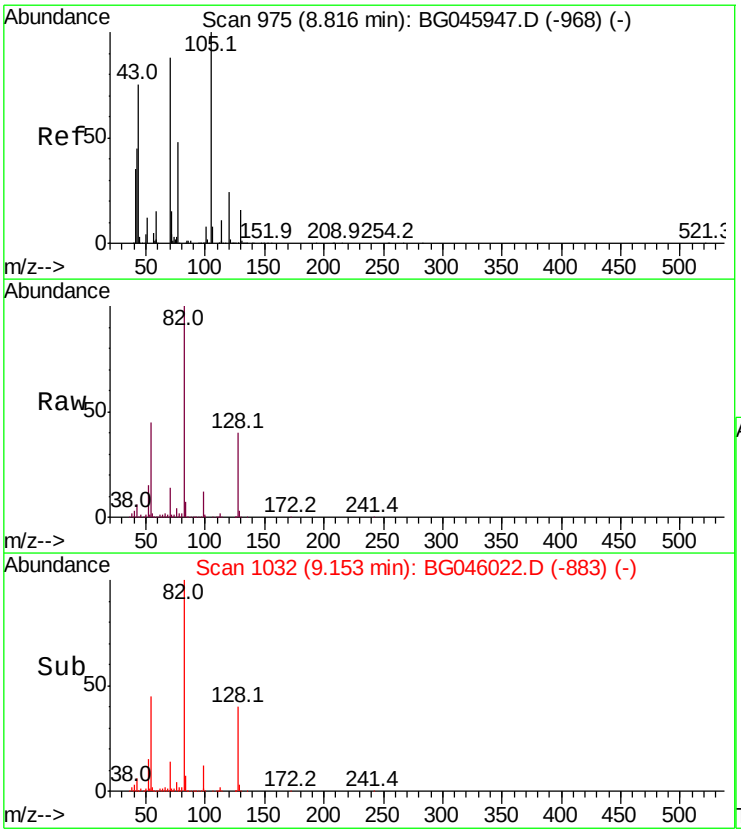
#7
Phenol-d6
Concen: 119.607 ng
RT: 7.17 min Scan# 694
Delta R.T. 0.00 min
Lab File: BG046022.D
Acq: 13 Jul 2020 14:35

Instrument :
BNA_G
ClientSampleId :
PB130142TB

Tgt Ion: 99 Resp: 1581577

Ion	Ratio	Lower	Upper
99	100		
42	17.8	13.0	19.4
71	35.8	27.5	41.3

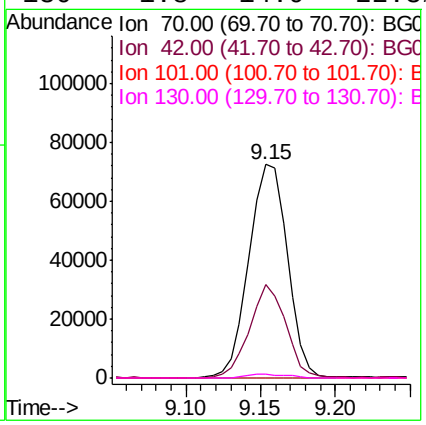


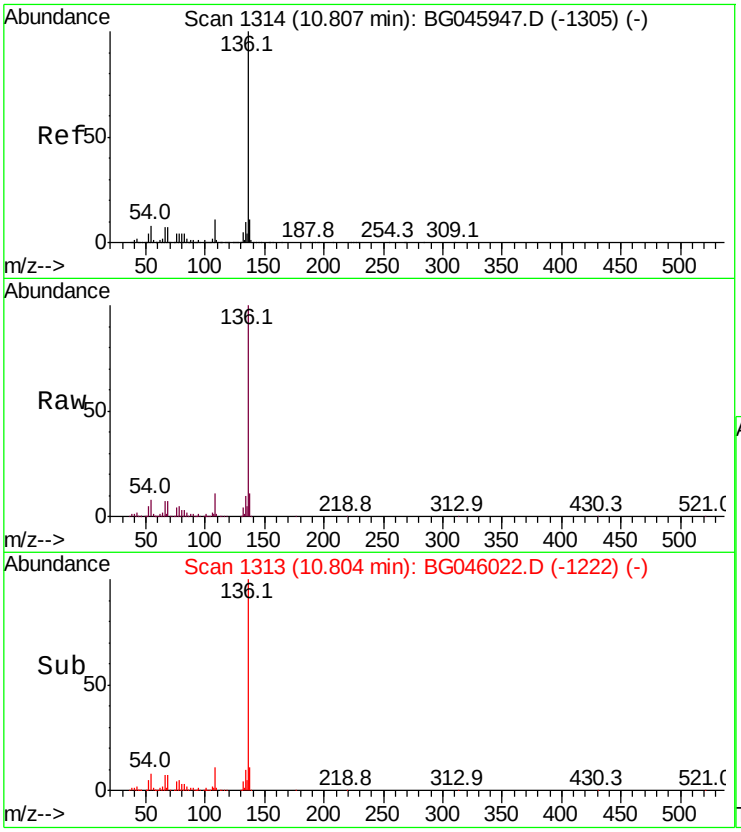


#19
n-Nitroso-di-n-propylamine
Concen: 13.978 ng
RT: 9.15 min Scan# 1032
Delta R.T. 0.34 min
Lab File: BG046022.D
Acq: 13 Jul 2020 14:35

Tgt Ion: 70 Resp: 129845

Ion	Ratio	Lower	Upper
70	100		
42	43.7	41.4	62.0
101	0.0	7.1	10.7#
130	1.8	14.9	22.3#



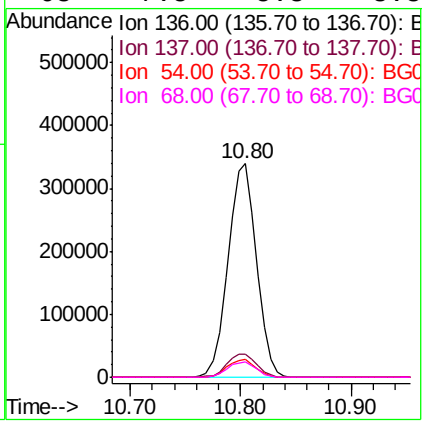


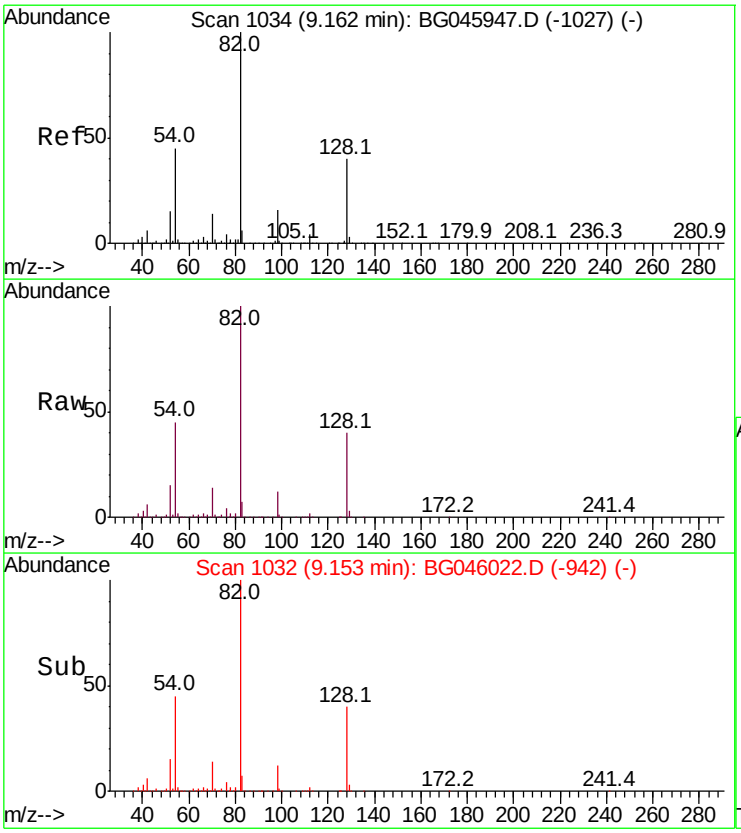
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1313
Delta R.T. 0.00 min
Lab File: BG046022.D
Acq: 13 Jul 2020 14:35

Instrument :
BNA_G
ClientSampleId :
PB130142TB

Tgt Ion:136 Resp: 610558

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.2	13.8
54	8.1	6.2	9.4
68	7.5	5.8	8.8

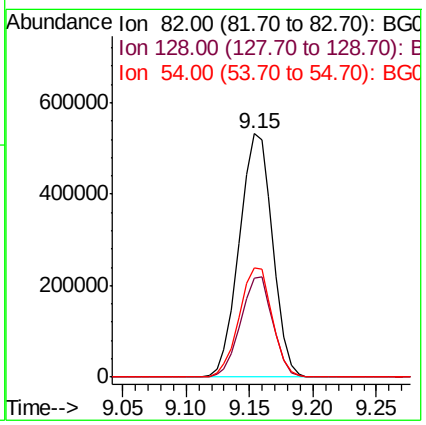


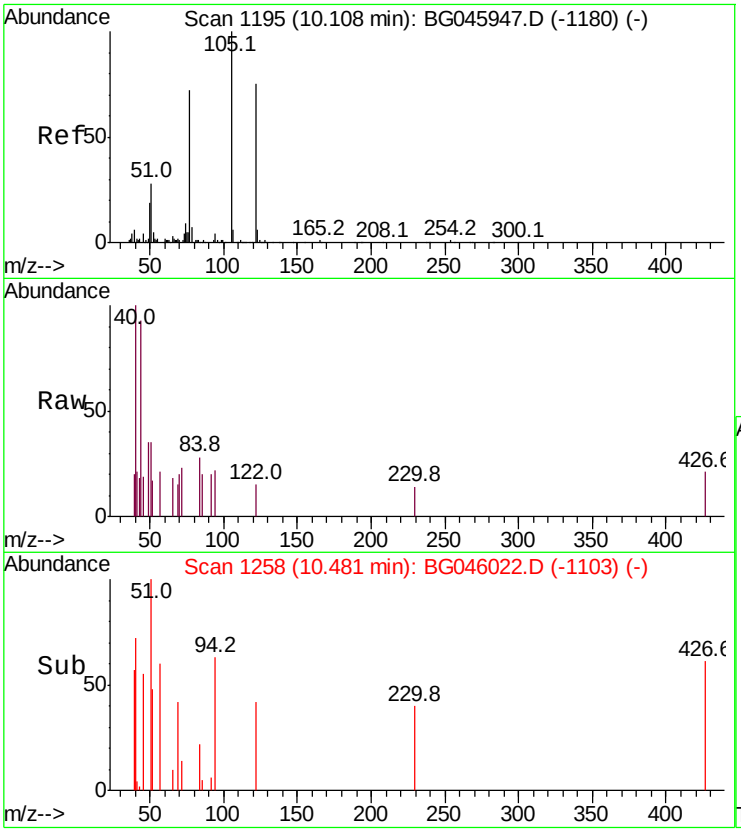


#23
Nitrobenzene-d5
Concen: 91.655 ng
RT: 9.15 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BG046022.D
Acq: 13 Jul 2020 14:35

Tgt Ion: 82 Resp: 972254

Ion	Ratio	Lower	Upper
82	100		
128	40.5	32.2	48.4
54	45.0	35.8	53.6



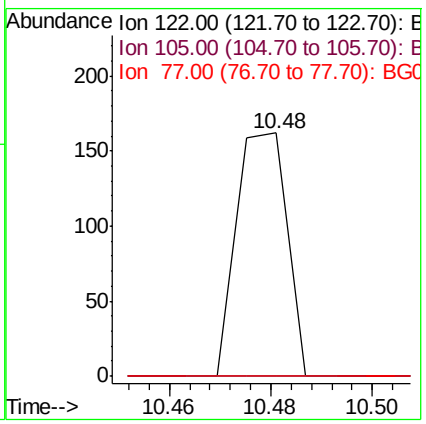


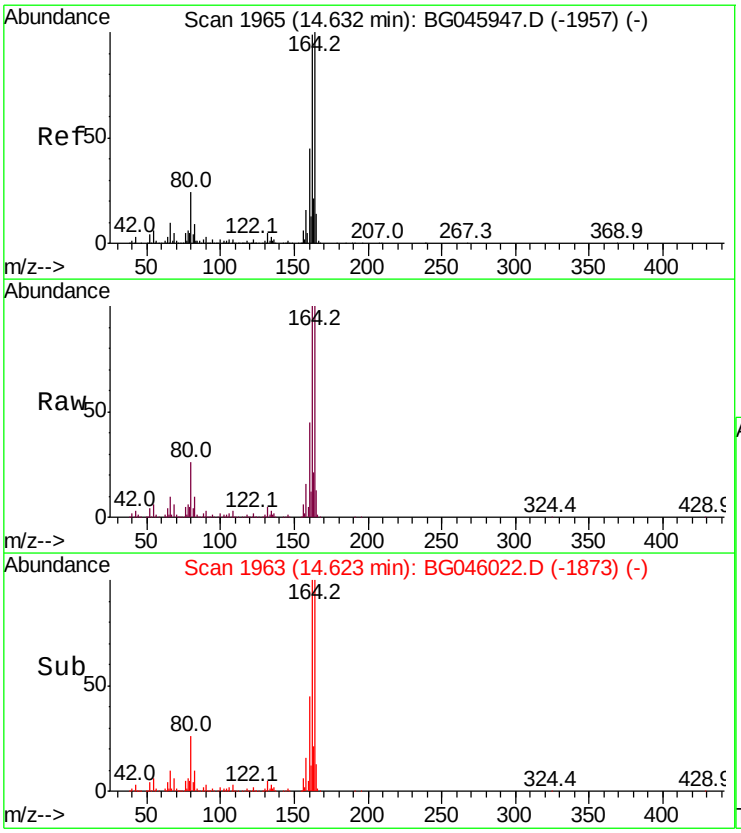
#32
Benzoic acid
Concen: 6.524 ng
RT: 10.48 min Scan# 1258
Delta R.T. 0.38 min
Lab File: BG046022.D
Acq: 13 Jul 2020 14:35

Instrument :
BNA_G
ClientSampleId :
PB130142TB

Tgt Ion:122 Resp: 113

Ion	Ratio	Lower	Upper
122	100		
105	0.0	110.8	150.8#
77	0.0	76.4	116.4#

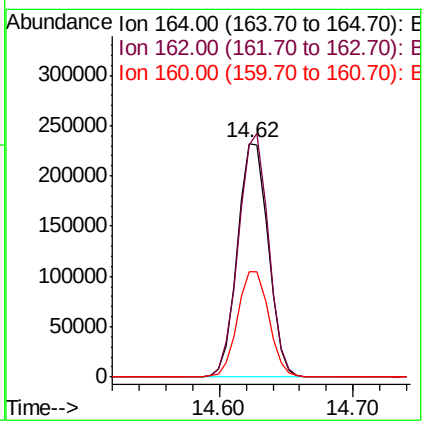


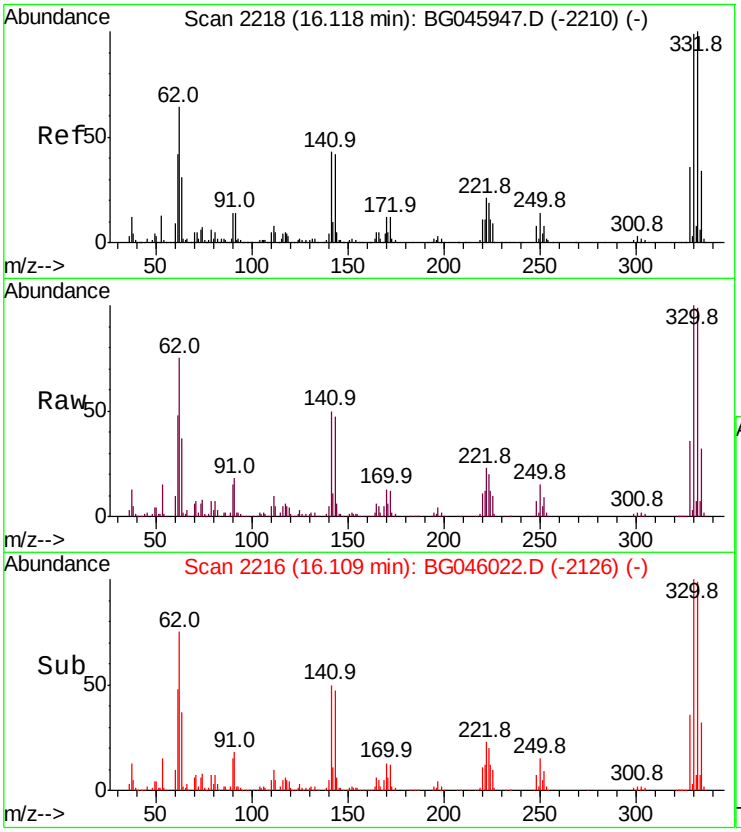


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.62 min Scan# 1963
Delta R.T. -0.00 min
Lab File: BG046022.D
Acq: 13 Jul 2020 14:35

Tgt Ion:164 Resp: 369415

Ion	Ratio	Lower	Upper
164	100		
162	99.7	79.3	118.9
160	45.2	35.7	53.5



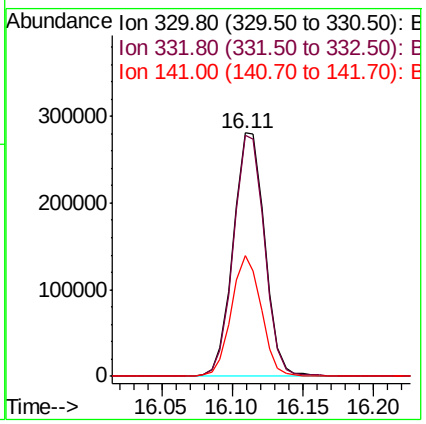


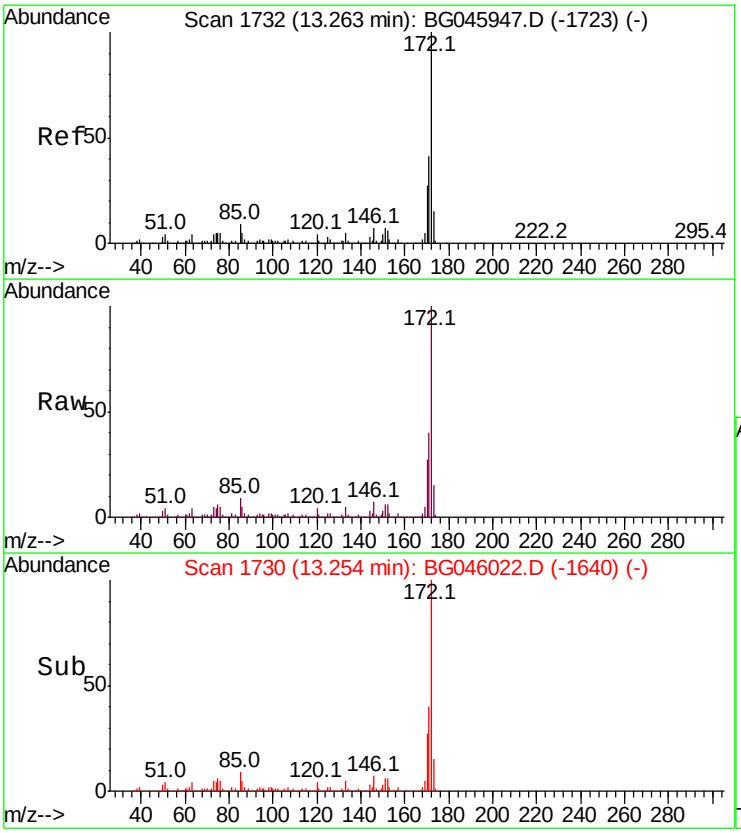
#42
2,4,6-Tribromophenol
Concen: 127.627 ng
RT: 16.11 min Scan# 2216
Delta R.T. -0.00 min
Lab File: BG046022.D
Acq: 13 Jul 2020 14:35

Instrument :
BNA_G
ClientSampleId :
PB130142TB

Tgt Ion:330 Resp: 437578

Ion	Ratio	Lower	Upper
330	100		
332	97.5	78.3	117.5
141	47.2	36.6	54.8

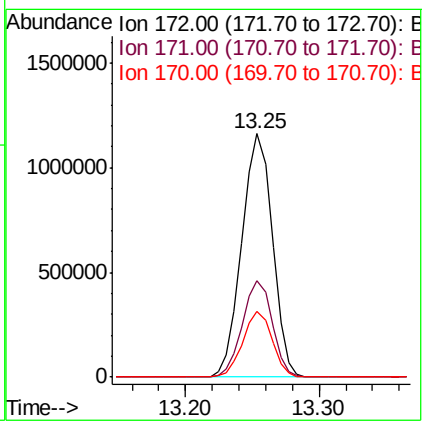


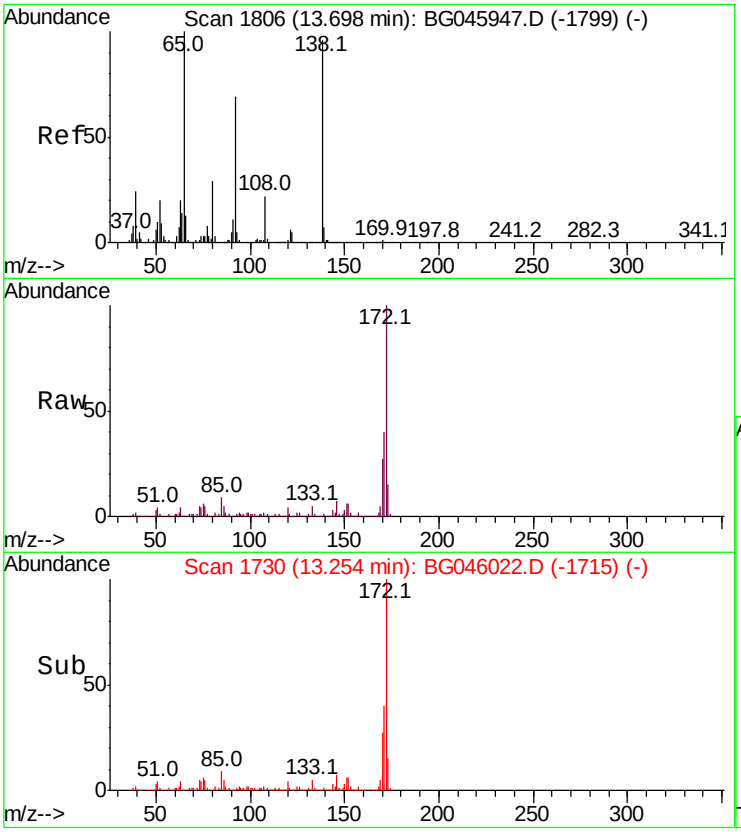


#45
2-Fluorobiphenyl
Concen: 77.709 ng
RT: 13.25 min Scan# 1730
Delta R.T. -0.00 min
Lab File: BG046022.D
Acq: 13 Jul 2020 14:35

Tgt Ion:172 Resp: 1840393

Ion	Ratio	Lower	Upper
172	100		
171	39.7	32.9	49.3
170	26.7	21.8	32.6



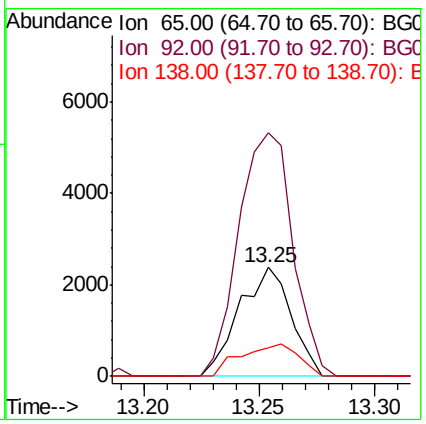


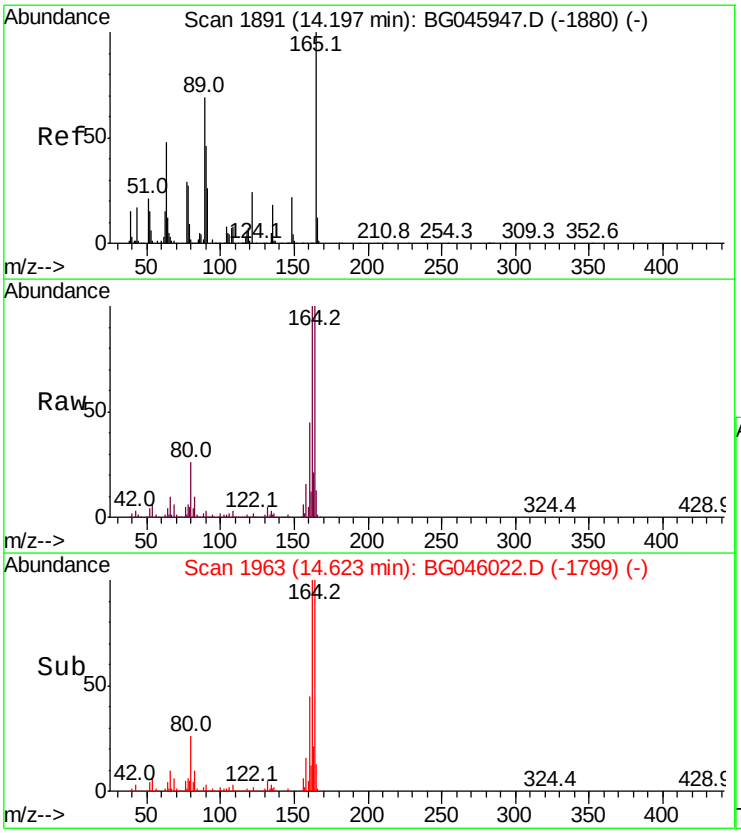
#48
2-Nitroaniline
Concen: 3.931 ng
RT: 13.25 min Scan# 1730
Delta R.T. -0.44 min
Lab File: BG046022.D
Acq: 13 Jul 2020 14:35

Instrument :
BNA_G
ClientSampleId :
PB130142TB

Tgt Ion: 65 Resp: 3711

Ion	Ratio	Lower	Upper
65	100		
92	223.8	55.4	83.0#
138	25.9	77.0	115.4#

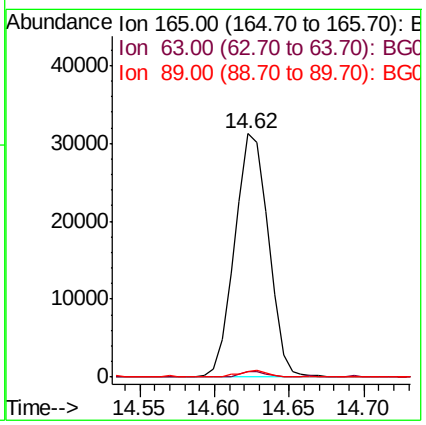


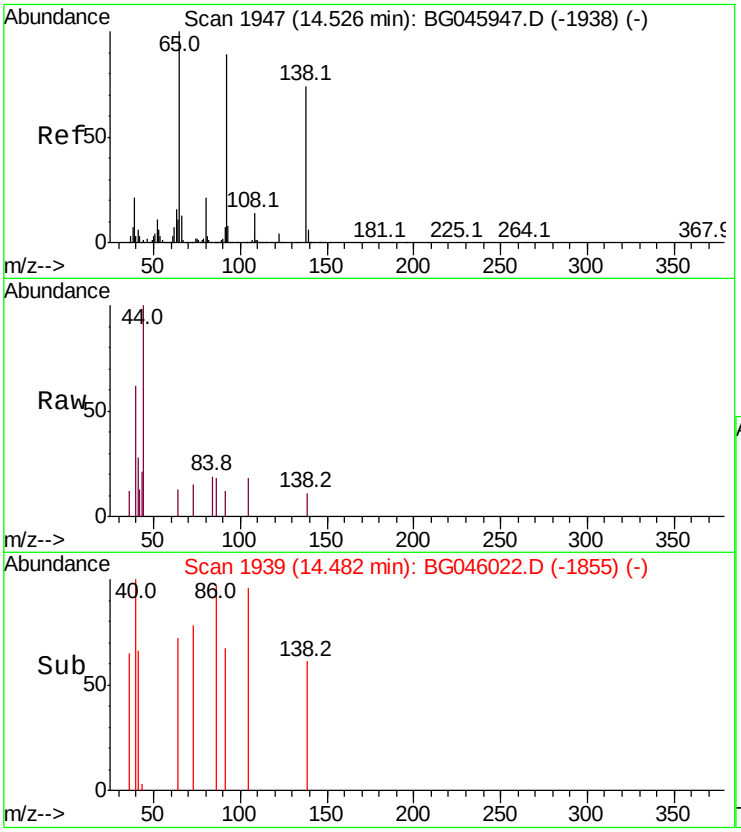


#51
2,6-Dinitrotoluene
Concen: 12.523 ng
RT: 14.62 min Scan# 1963
Delta R.T. 0.43 min
Lab File: BG046022.D
Acq: 13 Jul 2020 14:35

Tgt Ion:165 Resp: 49066

Ion	Ratio	Lower	Upper
165	100		
63	2.0	51.0	76.4#
89	2.3	55.7	83.5#



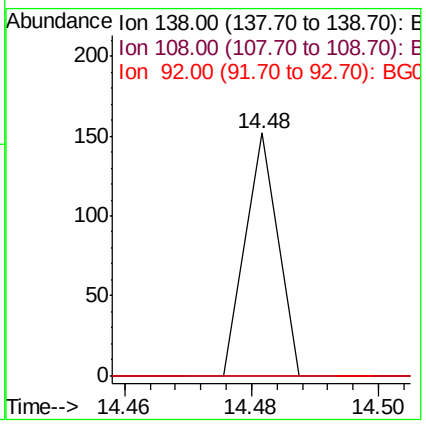


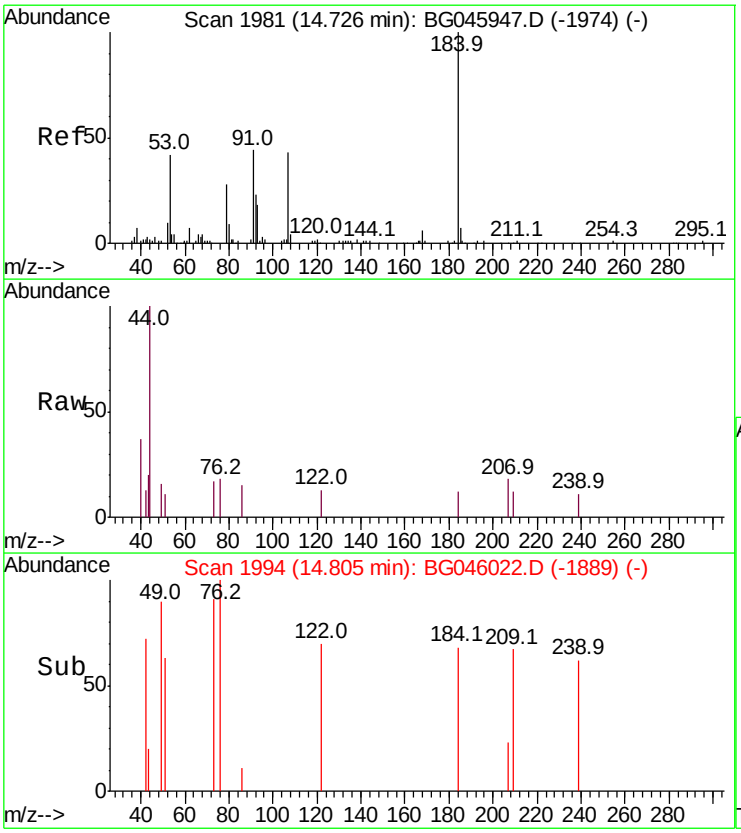
#53
3-Nitroaniline
Concen: 2.991 ng
RT: 14.48 min Scan# 1939
Delta R.T. -0.04 min
Lab File: BG046022.D
Acq: 13 Jul 2020 14:35

Instrument :
BNA_G
ClientSampleId :
PB130142TB

Tgt Ion:138 Resp: 54

Ion	Ratio	Lower	Upper
138	100		
108	0.0	15.4	23.2#
92	0.0	95.9	143.9#

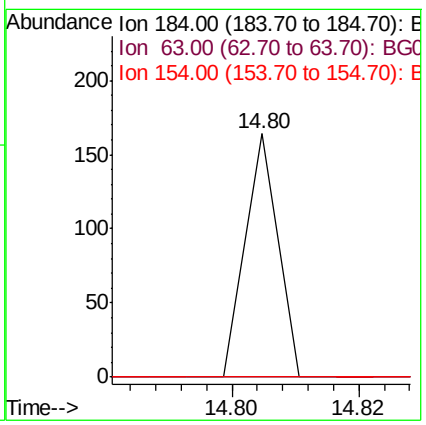


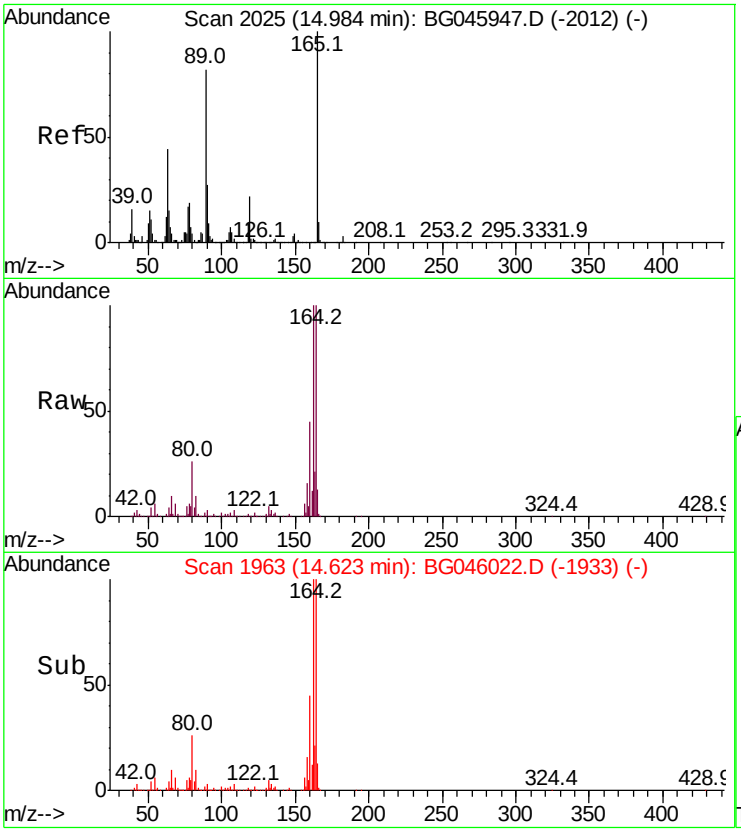


#54
2,4-Dinitrophenol
Concen: 6.139 ng
RT: 14.80 min Scan# 1994
Delta R.T. 0.09 min
Lab File: BG046022.D
Acq: 13 Jul 2020 14:35

Tgt Ion:184 Resp: 58

Ion	Ratio	Lower	Upper
184	100		
63	0.0	46.0	69.0#
154	0.0	58.2	87.2#



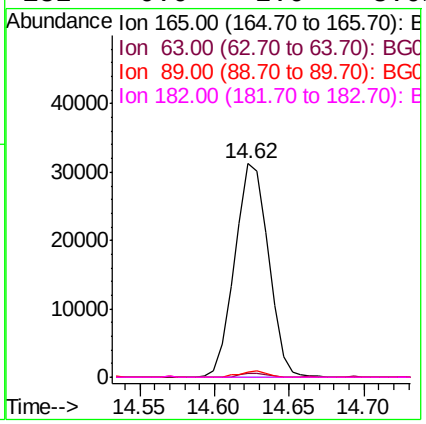


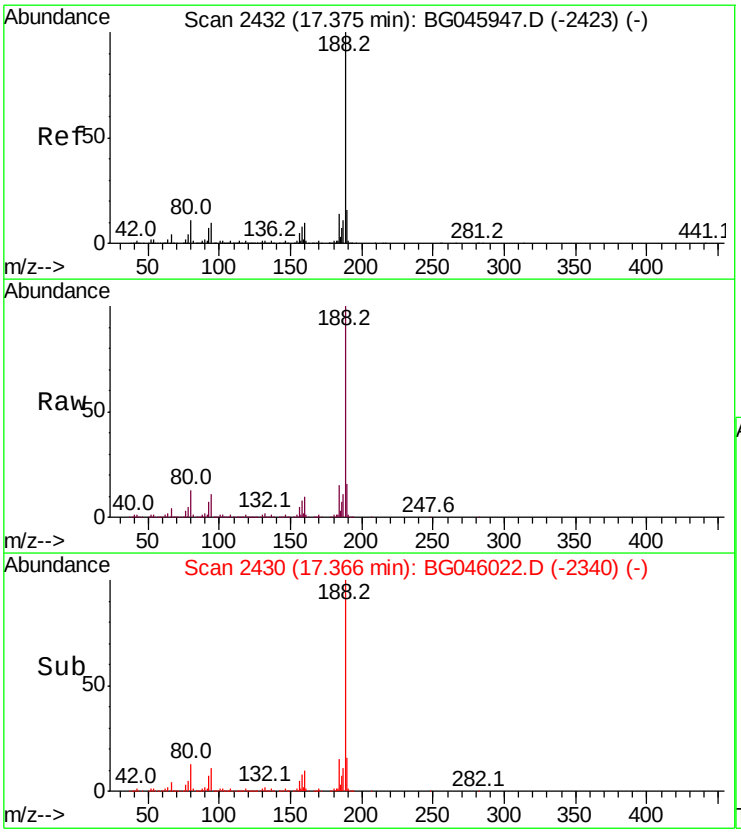
#57
2,4-Dinitrotoluene
Concen: 11.039 ng
RT: 14.62 min Scan# 1963
Delta R.T. -0.36 min
Lab File: BG046022.D
Acq: 13 Jul 2020 14:35

Instrument :
BNA_G
ClientSampleId :
PB130142TB

Tgt Ion:165 Resp: 49066

Ion	Ratio	Lower	Upper
165	100		
63	2.0	35.4	53.0#
89	2.3	65.4	98.2#
182	0.0	2.0	3.0#

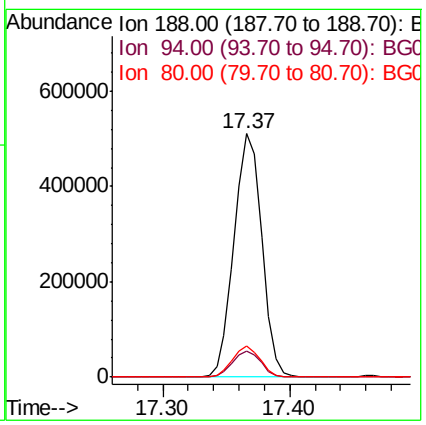


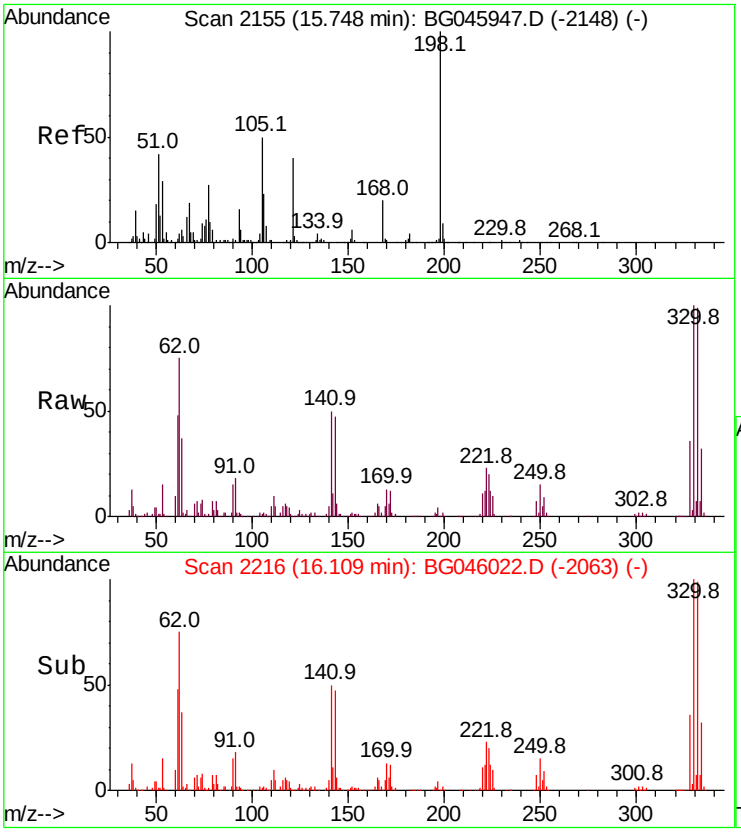


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.37 min Scan# 2430
Delta R.T. -0.00 min
Lab File: BG046022.D
Acq: 13 Jul 2020 14:35

Tgt Ion:188 Resp: 774940

Ion	Ratio	Lower	Upper
188	100		
94	10.9	8.2	12.4
80	12.9	9.0	13.6



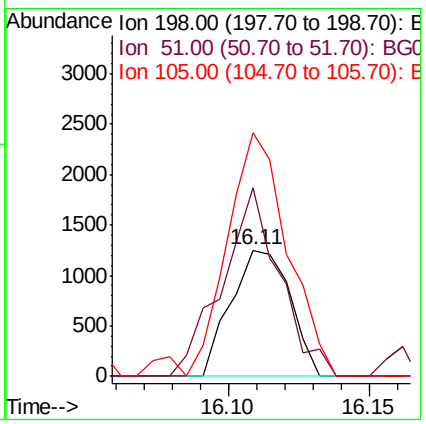


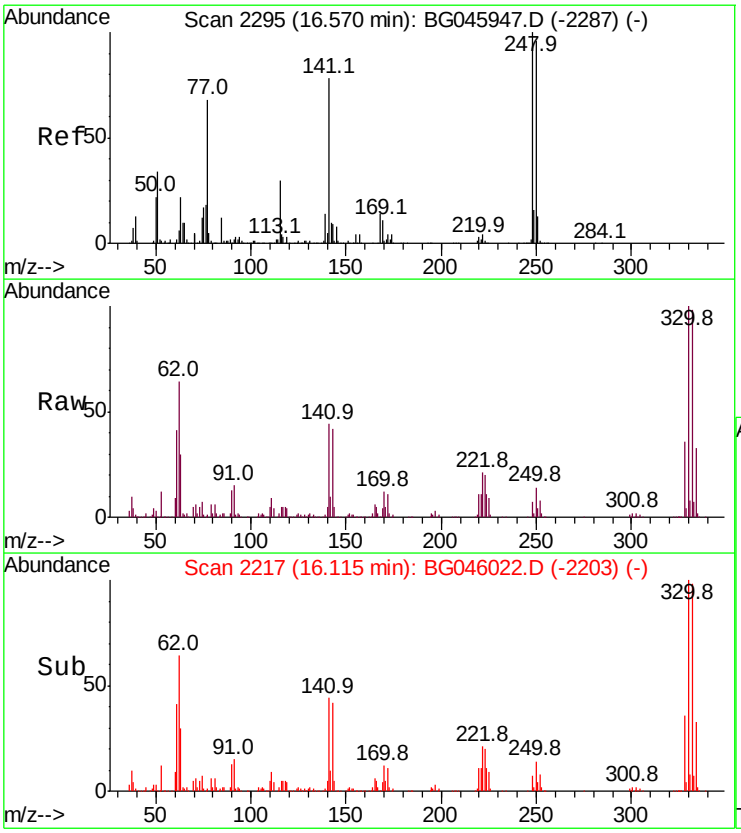
#65
4,6-Dinitro-2-methylphenol
Concen: 7.375 ng
RT: 16.11 min Scan# 2216
Delta R.T. 0.37 min
Lab File: BG046022.D
Acq: 13 Jul 2020 14:35

Instrument :
BNA_G
ClientSampleId :
PB130142TB

Tgt Ion:198 Resp: 1816

Ion	Ratio	Lower	Upper
198	100		
51	149.8	24.5	64.5#
105	192.8	30.9	70.9#

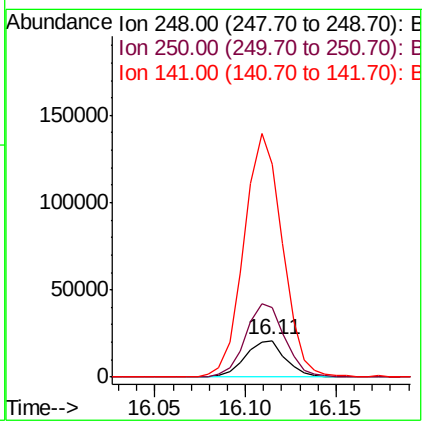


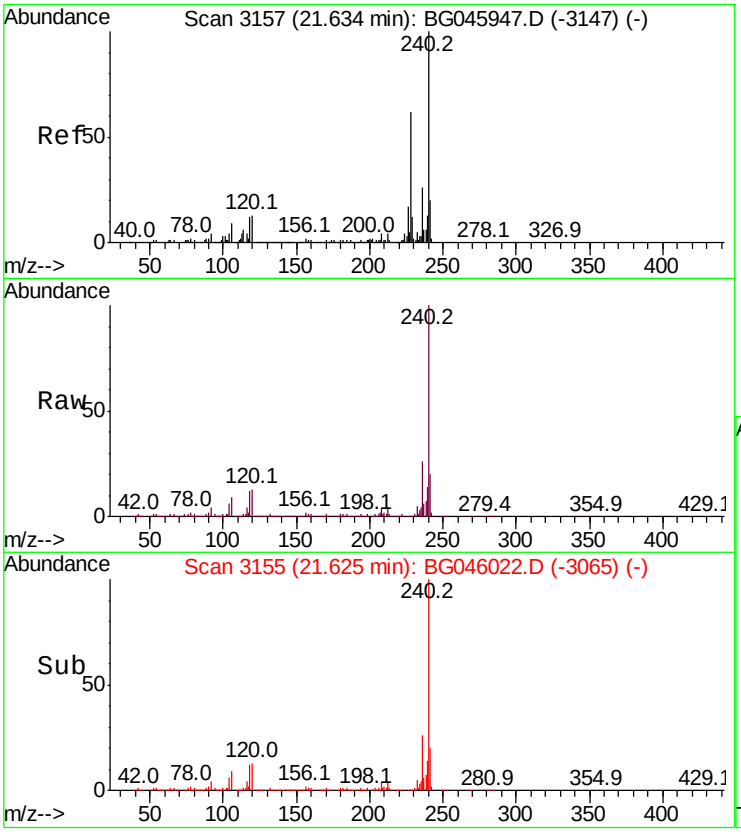


#67
4-Bromophenyl-phenylether
Concen: 3.681 ng
RT: 16.11 min Scan# 2217
Delta R.T. -0.45 min
Lab File: BG046022.D
Acq: 13 Jul 2020 14:35

Tgt Ion:248 Resp: 31862

Ion	Ratio	Lower	Upper
248	100		
250	192.5	76.6	114.8#
141	585.1	62.7	94.1#



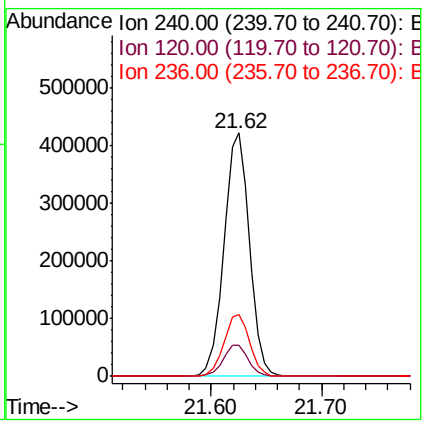


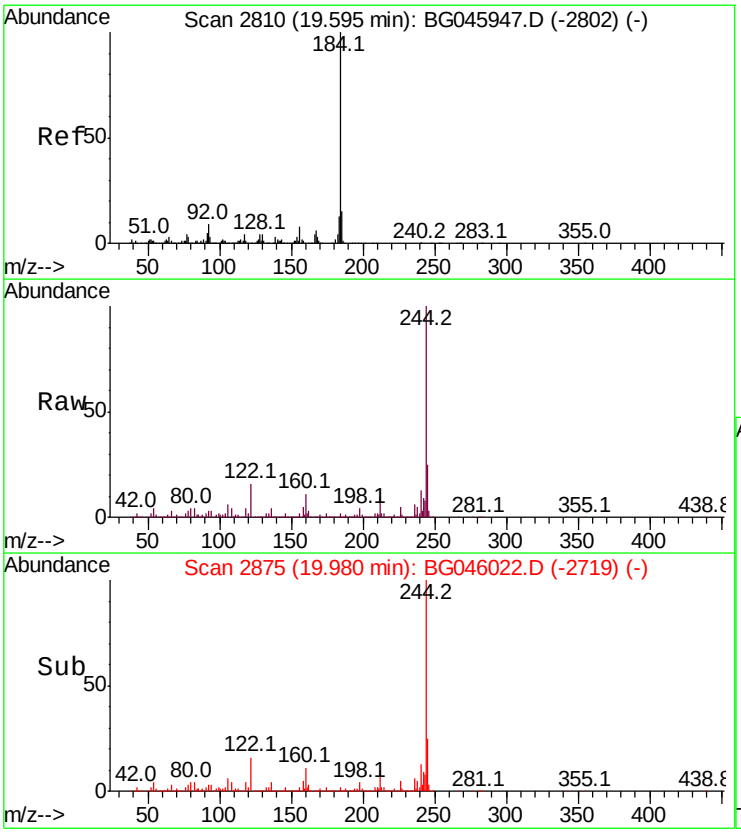
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.62 min Scan# 3155
Delta R.T. -0.00 min
Lab File: BG046022.D
Acq: 13 Jul 2020 14:35

Instrument :
BNA_G
ClientSampleId :
PB130142TB

Tgt Ion:240 Resp: 678541

Ion	Ratio	Lower	Upper
240	100		
120	13.0	10.6	16.0
236	25.6	20.4	30.6

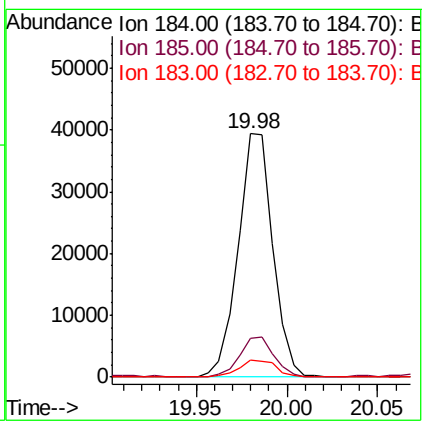


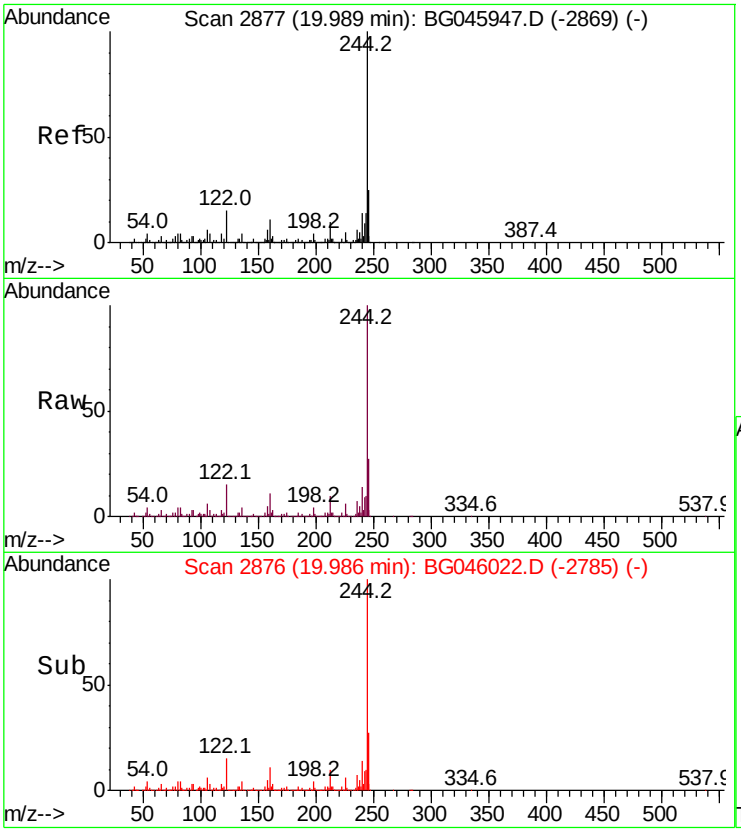


#77
Benzidine
Concen: 2.695 ng
RT: 19.98 min Scan# 2875
Delta R.T. 0.38 min
Lab File: BG046022.D
Acq: 13 Jul 2020 14:35

Tgt Ion:184 Resp: 52286

Ion	Ratio	Lower	Upper
184	100		
185	16.0	11.6	17.4
183	7.0	10.4	15.6#



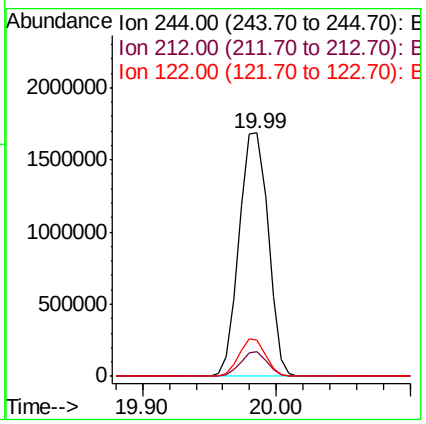


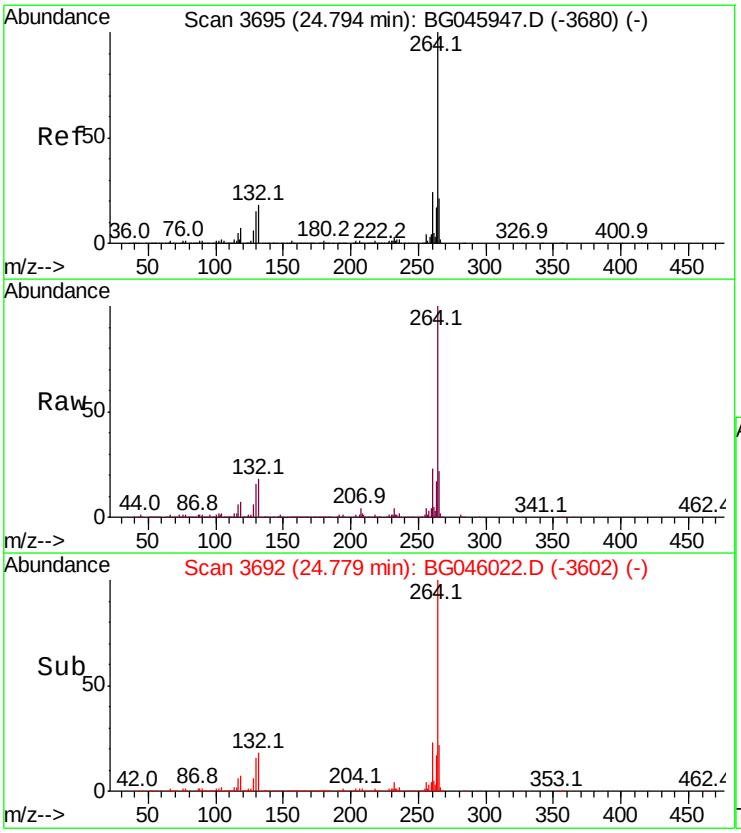
#79
Terphenyl-d14
Concen: 83.209 ng
RT: 19.99 min Scan# 2876
Delta R.T. 0.00 min
Lab File: BG046022.D
Acq: 13 Jul 2020 14:35

Instrument :
BNA_G
ClientSampleId :
PB130142TB

Tgt Ion:244 Resp: 2536976

Ion	Ratio	Lower	Upper
244	100		
212	10.4	8.3	12.5
122	14.9	12.1	18.1





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.78 min Scan# 3692
Delta R.T. -0.00 min
Lab File: BG046022.D
Acq: 13 Jul 2020 14:35

Tgt Ion:264 Resp: 669991

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.0	28.6
265	22.1	16.9	25.3