Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090320\
Data File : BG046527.D
Acq On : 3 Sep 2020 22:12
Operator : CG/JU
Sample : L3877-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-3

Quant Time: Sep 04 01:24:33 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 02 15:06:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	75806	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	293104	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	190357	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	468425	20.00	ng	0.00
76) Chrysene-d12	21.55	240	517391	20.00	ng	0.00
86) Perylene-d12	24.65	264	500390	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	472499	110.40	ng	0.00
7) Phenol-d6	7.10	99	569612	93.88	ng	0.00
23) Nitrobenzene-d5	9.08	82	444398	86.66	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	301538	116.91	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1077292	86.39	ng	0.00
79) Terphenyl-d14	19.92	244	1851411	76.15	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.15	88	8701	4.887	ng	# 1
19) n-Nitroso-di-n-propylamine	9.09	70	57712	15.902	ng	# 77
31) Naphthalene	10.77	128	31336	2.190	ng	96
51) 2,6-Dinitrotoluene	14.56	165	25087	7.728	ng	# 34
57) 2,4-Dinitrotoluene	14.56	165	25085	5.419	ng	# 34
67) 4-Bromophenyl-phenylether	16.05	248	22676	4.149	ng	# 1
77) Benzidine	19.92	184	29352	2.441	ng	# 94

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

Quantitation Report (Not Reviewed)

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Data File : BG046527.D
Acq On : 3 Sep 2020 22:12
Operator : CG/JU
Sample : L3877-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-3

Quant Time: Sep 04 01:24:33 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 02 15:06:53 2020
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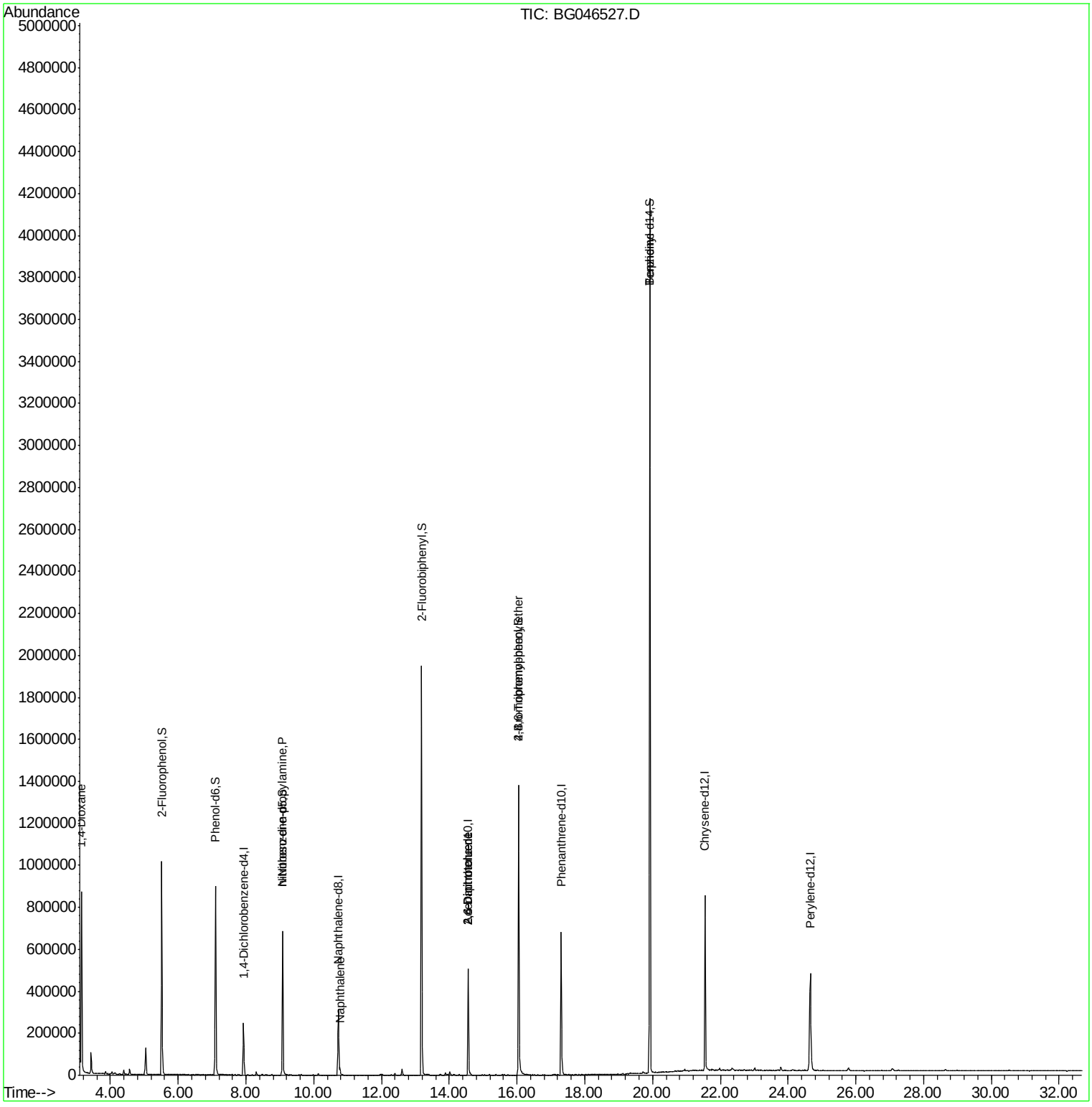
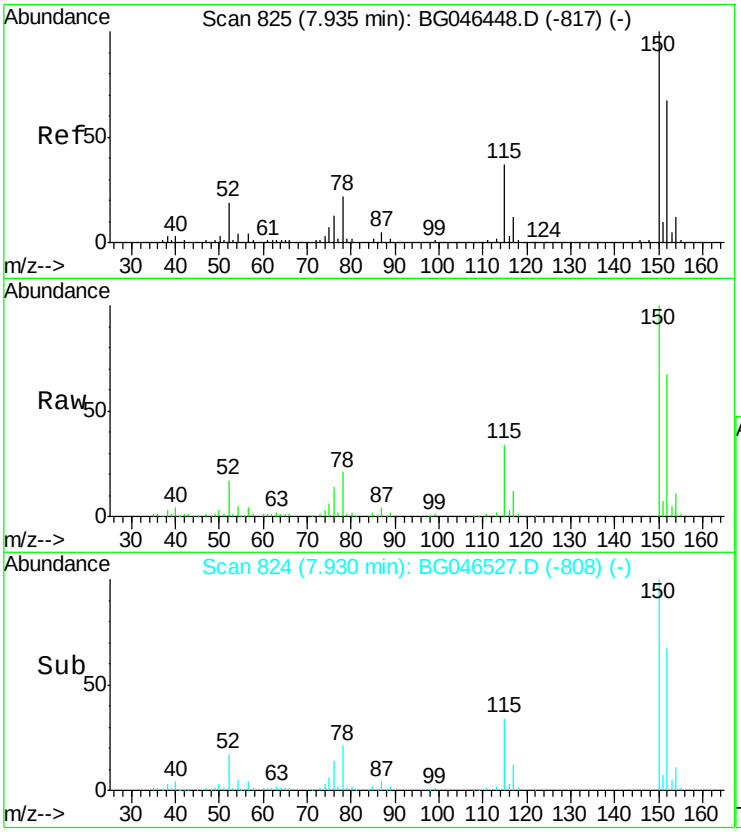


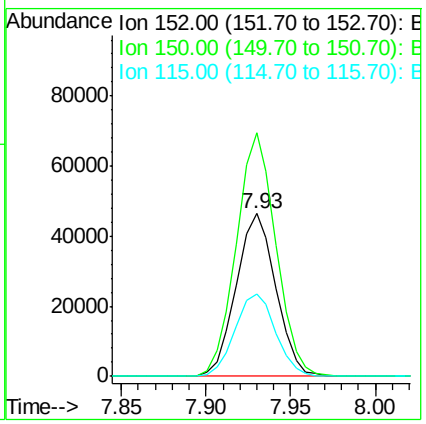


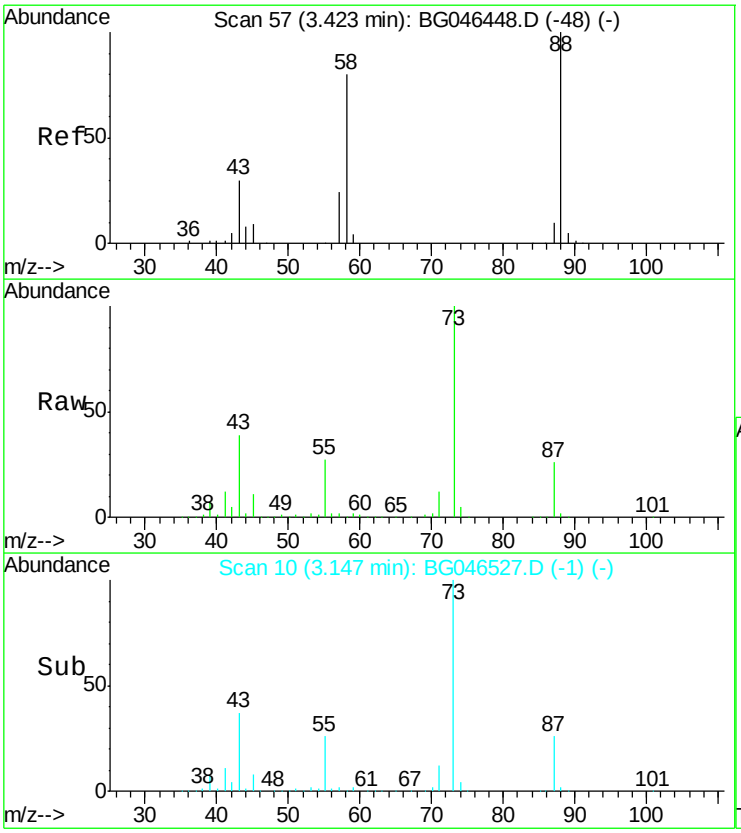
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.00 min
Lab File: BG046527.D
Acq: 3 Sep 2020 22:12

Instrument :
BNA_G
ClientSampleId :
TP-3

Tgt Ion:152 Resp: 75806

Ion	Ratio	Lower	Upper
152	100		
150	149.9	119.5	179.3
115	50.8	44.3	66.5

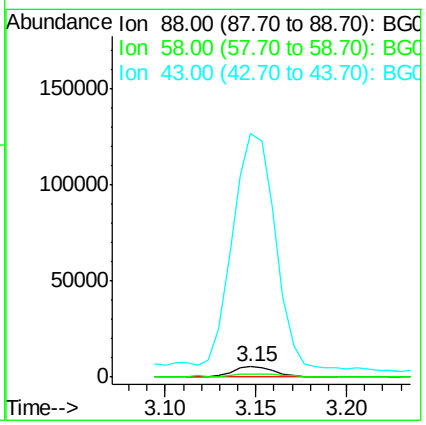


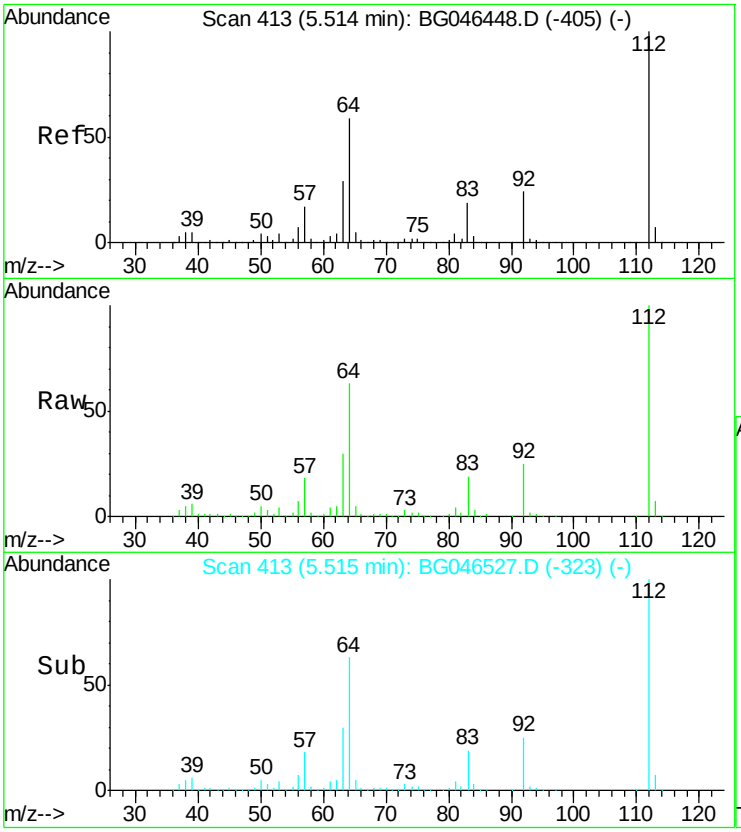


#2
1,4-Dioxane
Concen: 4.887 ng
RT: 3.15 min Scan# 10
Delta R.T. -0.28 min
Lab File: BG046527.D
Acq: 3 Sep 2020 22:12

Tgt Ion: 88 Resp: 8701

Ion	Ratio	Lower	Upper
88	100		
58	27.9	61.4	92.2#
43	2410.0	21.6	32.4#



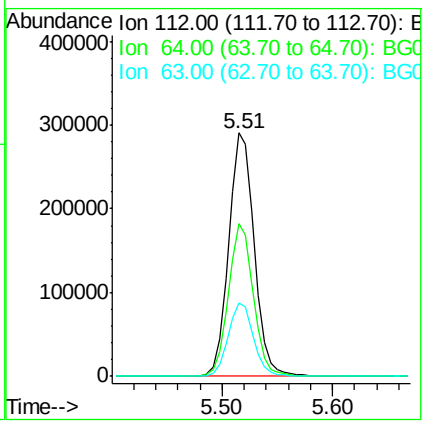


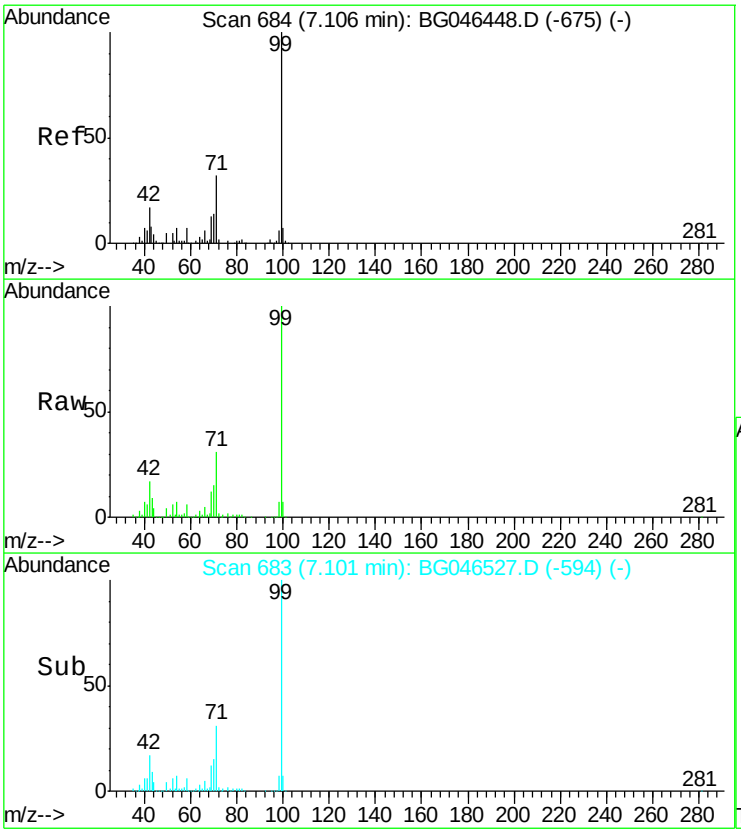
#5
2-Fluorophenol
Concen: 110.398 ng
RT: 5.51 min Scan# 413
Delta R.T. 0.00 min
Lab File: BG046527.D
Acq: 3 Sep 2020 22:12

Instrument :
BNA_G
ClientSampleId :
TP-3

Tgt Ion:112 Resp: 472499

Ion	Ratio	Lower	Upper
112	100		
64	62.8	47.0	70.6
63	30.2	23.5	35.3

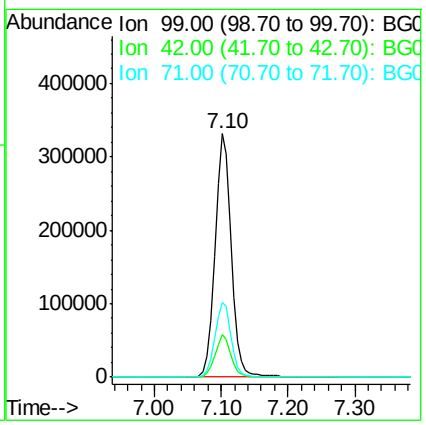


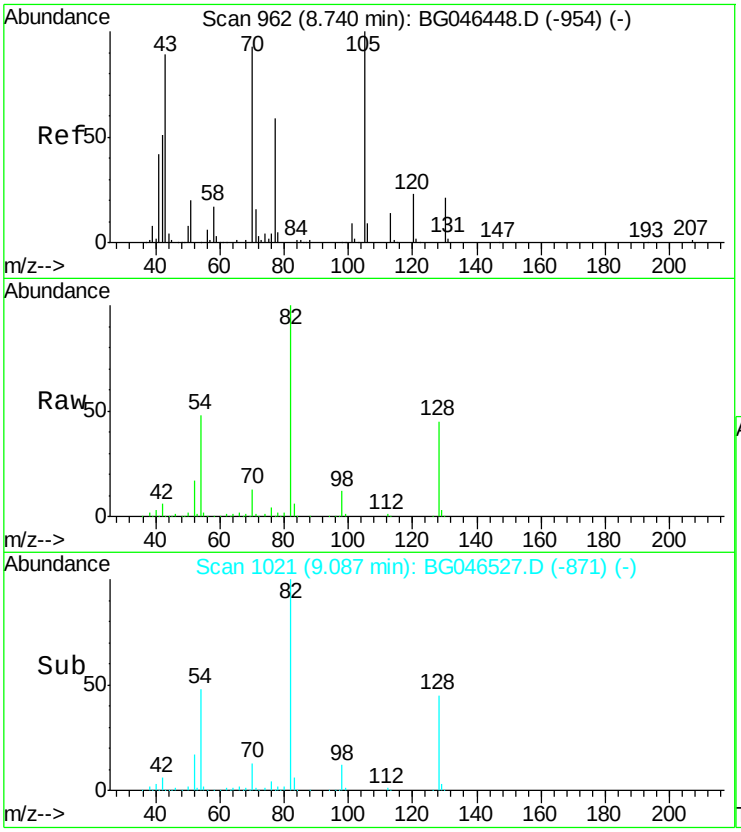


#7
Phenol-d6
Concen: 93.882 ng
RT: 7.10 min Scan# 683
Delta R.T. -0.00 min
Lab File: BG046527.D
Acq: 3 Sep 2020 22:12

Tgt Ion: 99 Resp: 569612

Ion	Ratio	Lower	Upper
99	100		
42	17.4	13.3	19.9
71	30.8	25.3	37.9



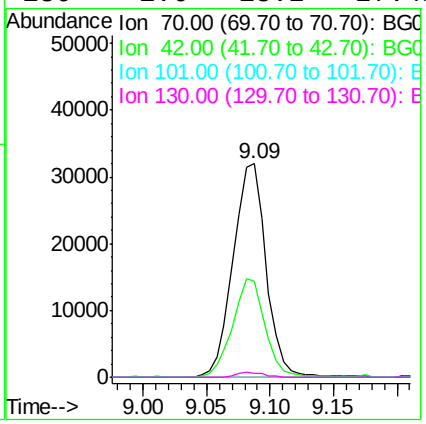


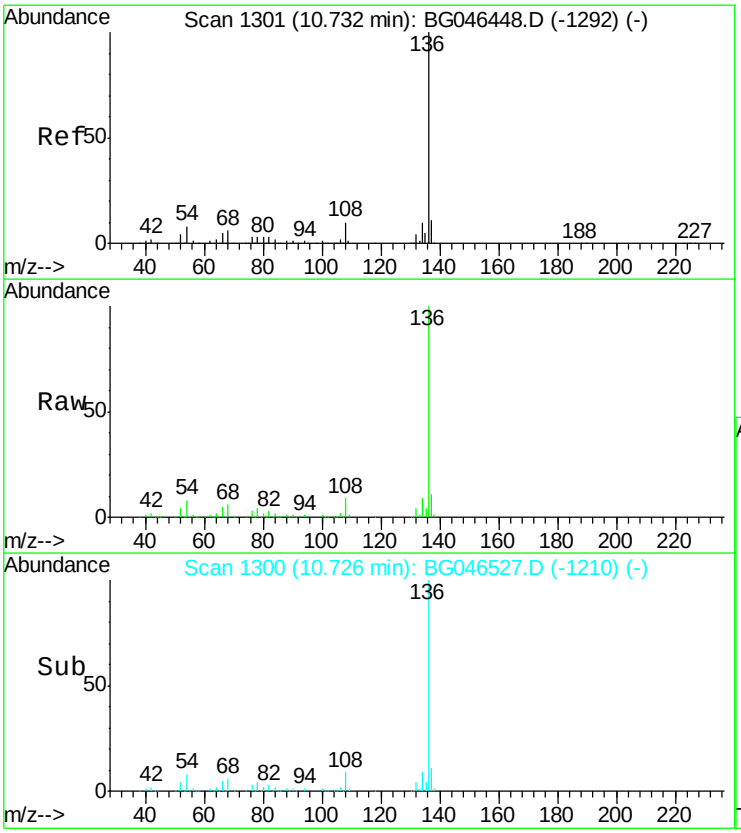
#19
n-Nitroso-di-n-propylamine
Concen: 15.902 ng
RT: 9.09 min Scan# 1021
Delta R.T. 0.35 min
Lab File: BG046527.D
Acq: 3 Sep 2020 22:12

Instrument :
BNA_G
ClientSampleId :
TP-3

Tgt Ion: 70 Resp: 57712

Ion	Ratio	Lower	Upper
70	100		
42	45.2	44.2	66.2
101	0.0	7.8	11.8#
130	1.6	18.2	27.4#

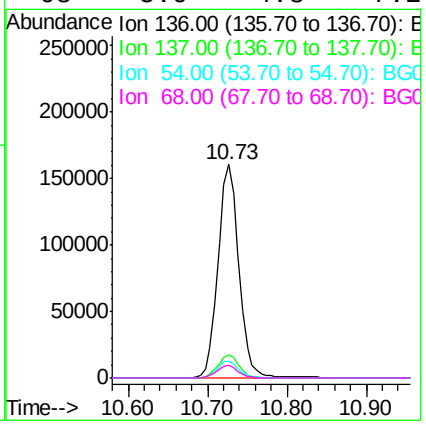


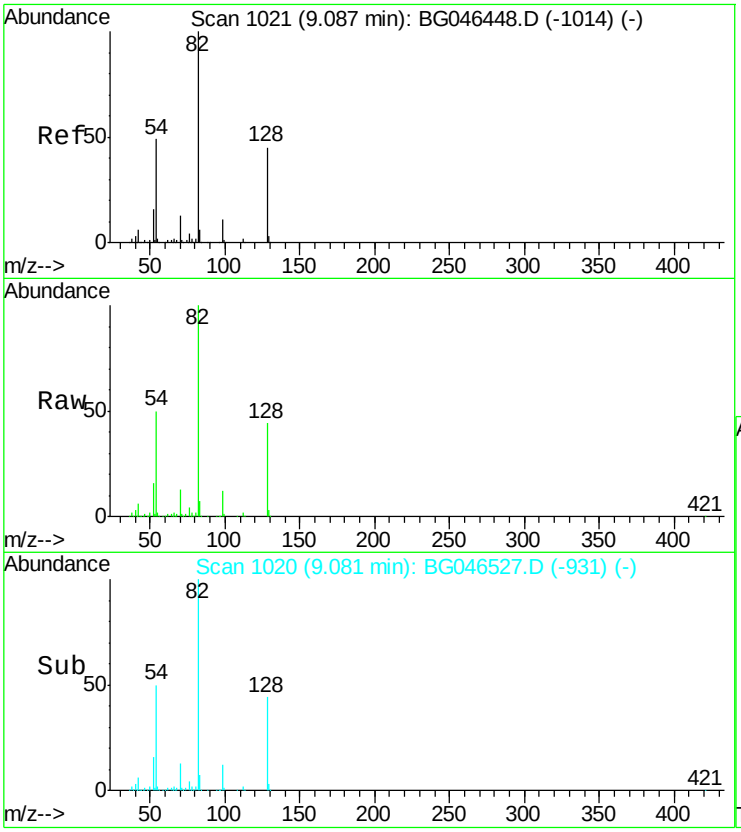


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BG046527.D
Acq: 3 Sep 2020 22:12

Tgt Ion:136 Resp: 293104

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.8	13.2
54	7.9	6.1	9.1
68	5.9	4.8	7.2



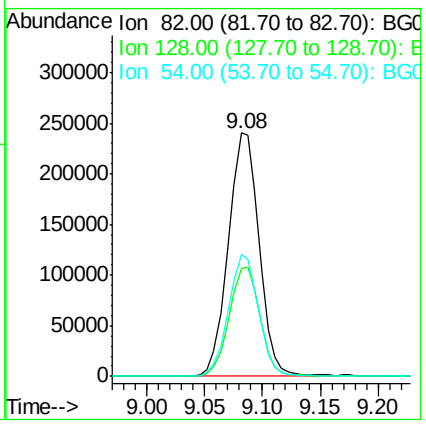


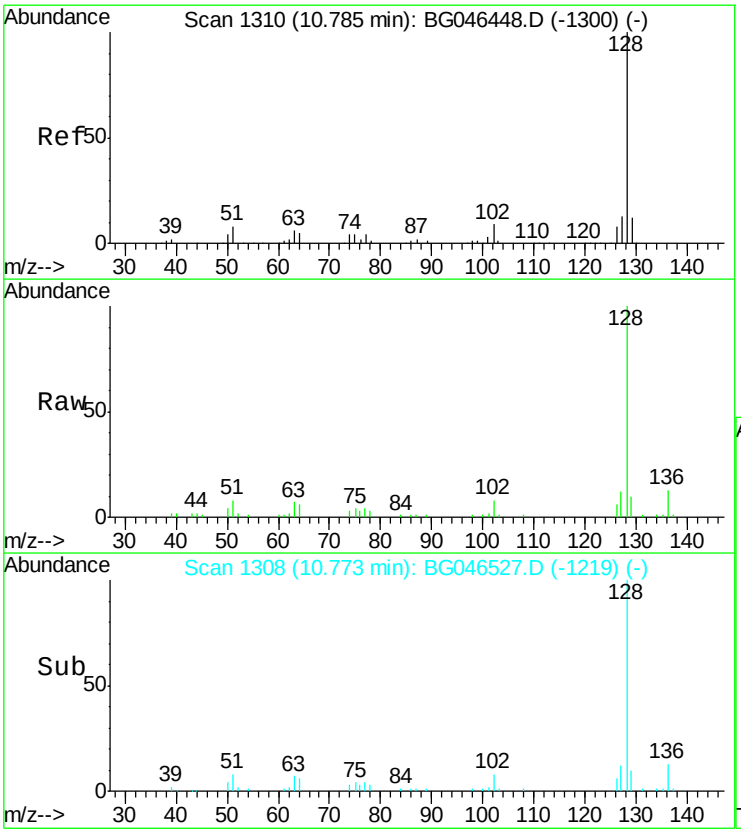
#23
Nitrobenzene-d5
Concen: 86.657 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BG046527.D
Acq: 3 Sep 2020 22:12

Instrument :
BNA_G
ClientSampleId :
TP-3

Tgt Ion: 82 Resp: 444398

Ion	Ratio	Lower	Upper
82	100		
128	44.3	35.7	53.5
54	50.2	39.4	59.0

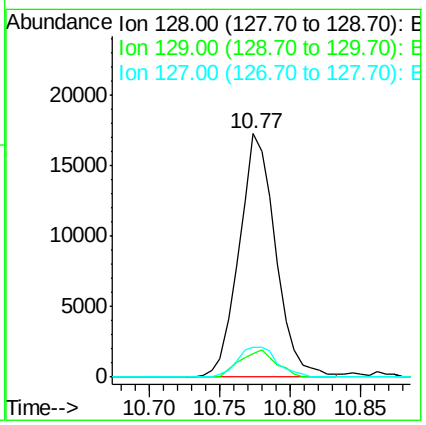


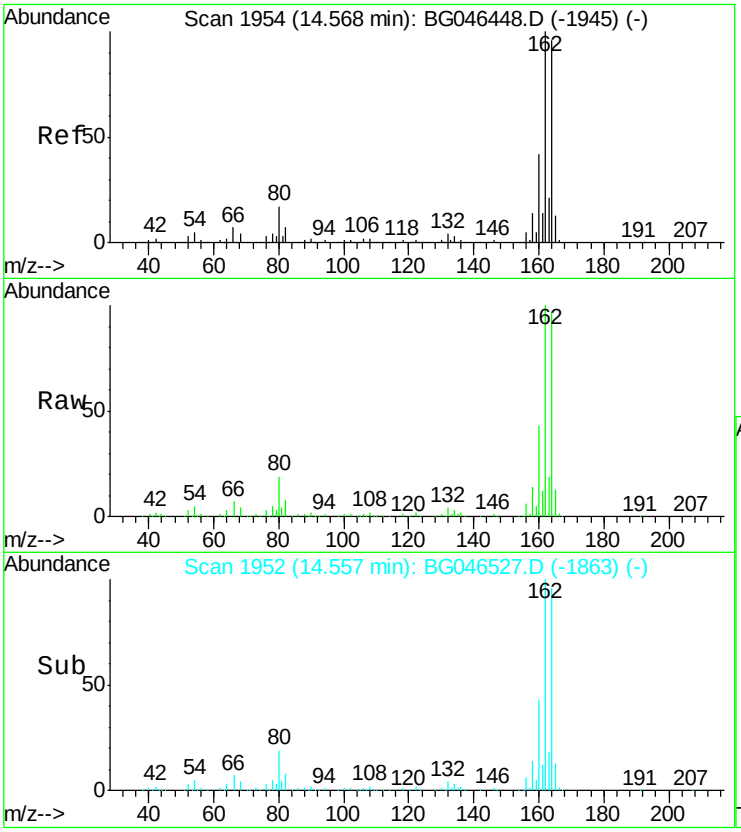


#31
Naphthalene
Concen: 2.190 ng
RT: 10.77 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BG046527.D
Acq: 3 Sep 2020 22:12

Tgt Ion:128 Resp: 31336

Ion	Ratio	Lower	Upper
128	100		
129	9.6	9.2	13.8
127	12.5	10.7	16.1



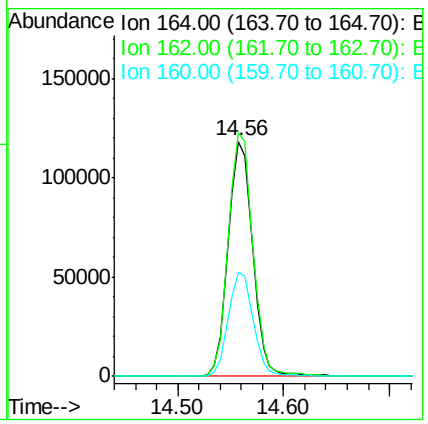


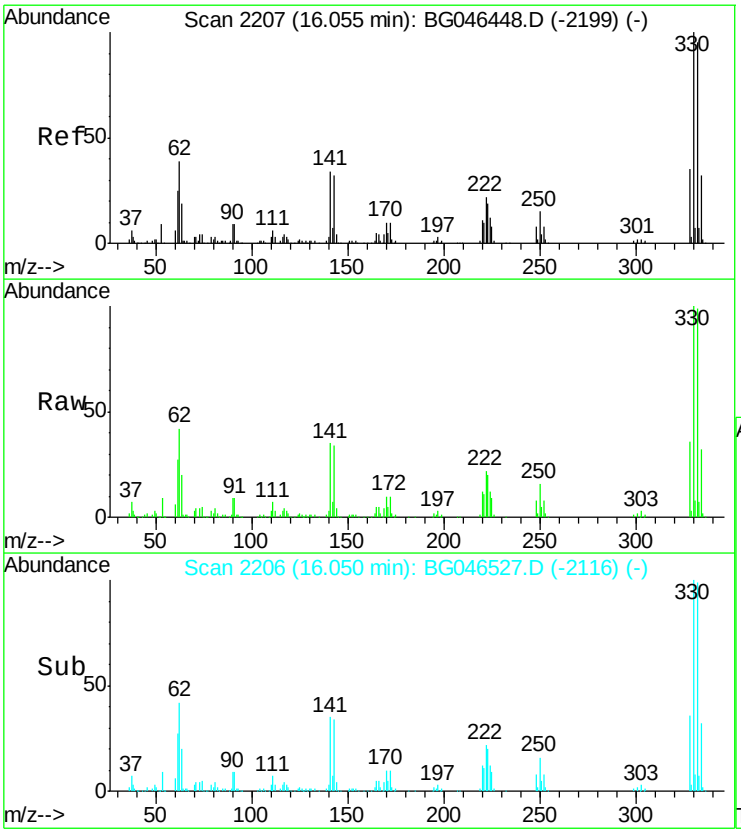
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.56 min Scan# 1952
Delta R.T. -0.00 min
Lab File: BG046527.D
Acq: 3 Sep 2020 22:12

Instrument :
BNA_G
ClientSampleId :
TP-3

Tgt Ion:164 Resp: 190357

Ion	Ratio	Lower	Upper
164	100		
162	103.5	83.3	124.9
160	44.3	35.0	52.6

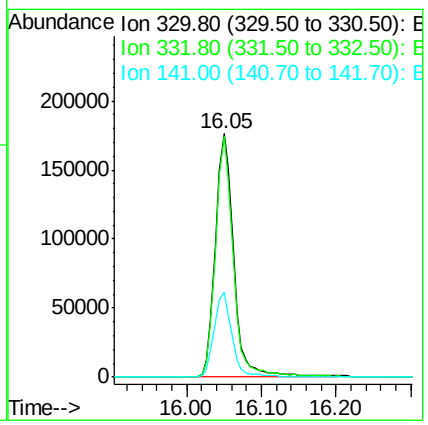


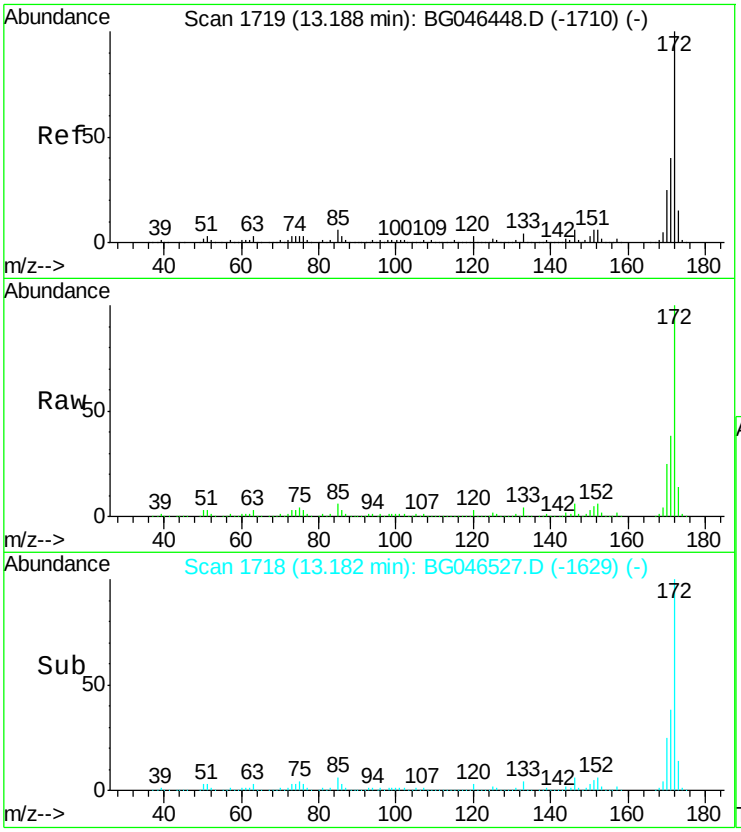


#42
2,4,6-Tribromophenol
Concen: 116.911 ng
RT: 16.05 min Scan# 2206
Delta R.T. 0.00 min
Lab File: BG046527.D
Acq: 3 Sep 2020 22:12

Tgt Ion:330 Resp: 301538

Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.1	114.1
141	34.0	26.1	39.1



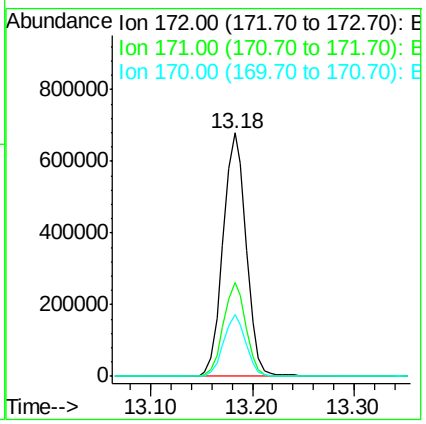


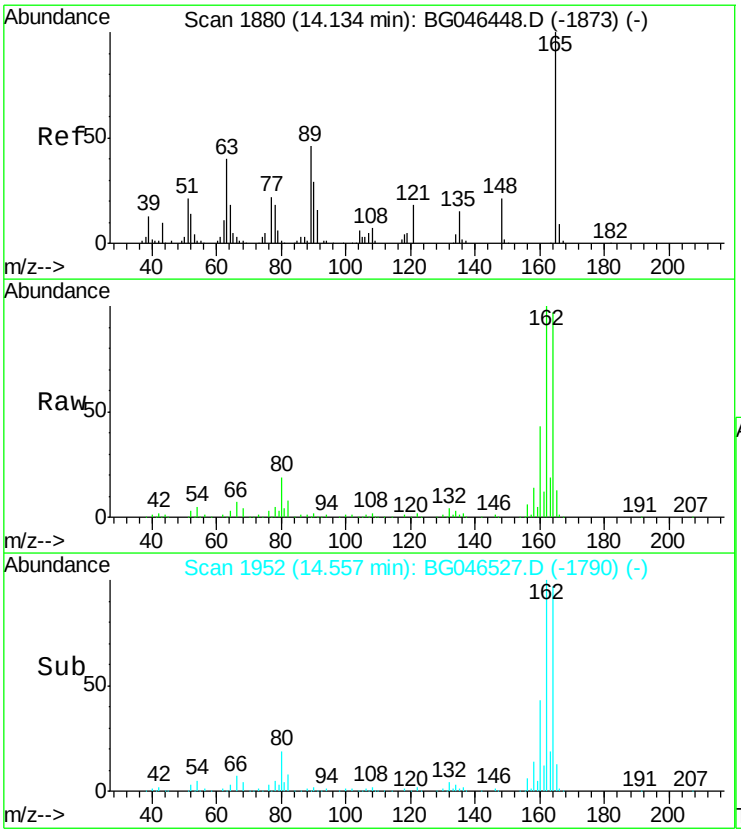
#45
2-Fluorobiphenyl
Concen: 86.393 ng
RT: 13.18 min Scan# 1718
Delta R.T. -0.00 min
Lab File: BG046527.D
Acq: 3 Sep 2020 22:12

Instrument :
BNA_G
ClientSampleId :
TP-3

Tgt Ion:172 Resp: 1077292

Ion	Ratio	Lower	Upper
172	100		
171	38.4	31.8	47.6
170	25.3	20.3	30.5

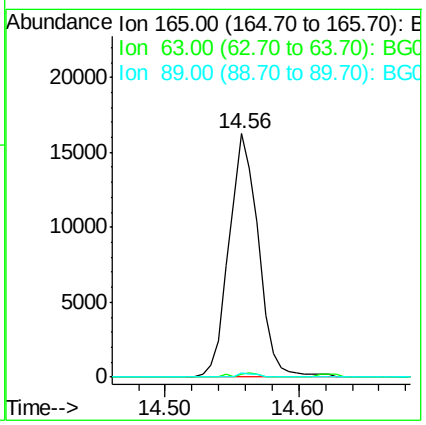


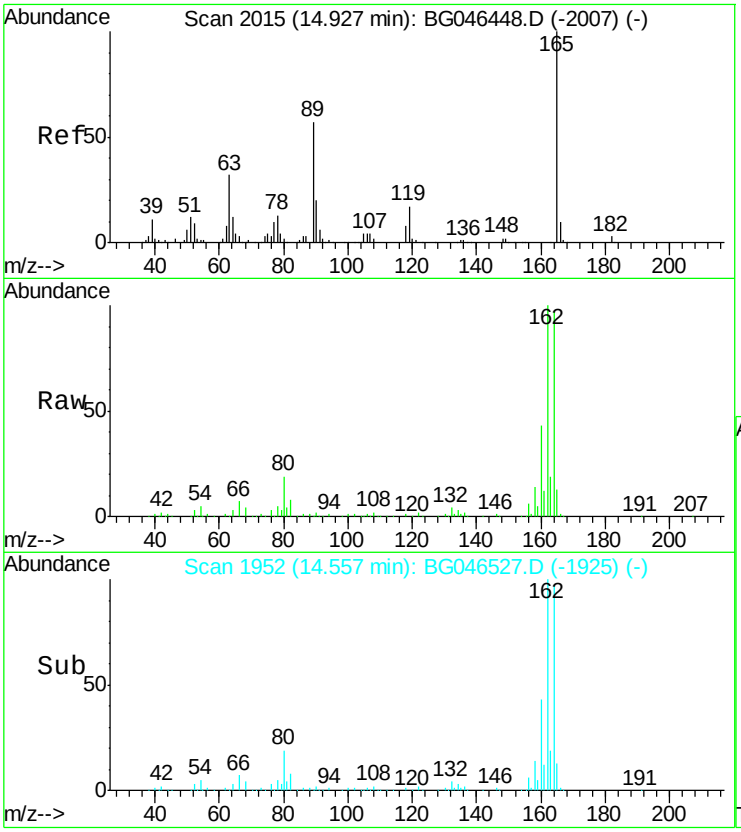


#51
2,6-Dinitrotoluene
Concen: 7.728 ng
RT: 14.56 min Scan# 1952
Delta R.T. 0.42 min
Lab File: BG046527.D
Acq: 3 Sep 2020 22:12

Tgt Ion:165 Resp: 25087

Ion	Ratio	Lower	Upper
165	100		
63	1.1	34.2	51.4#
89	1.8	37.0	55.4#



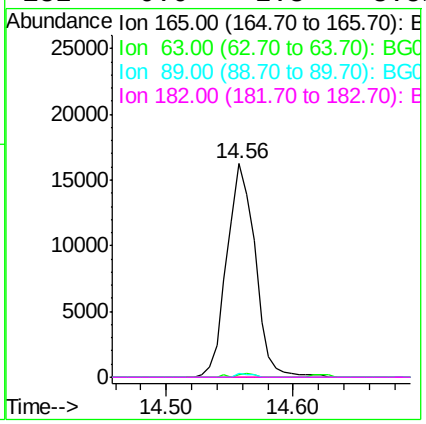


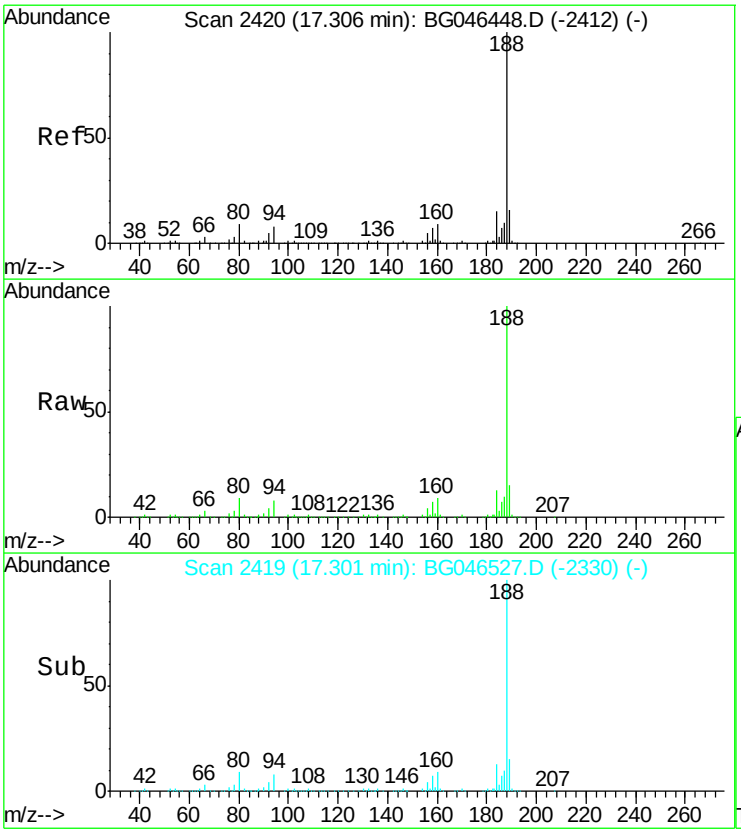
#57
2,4-Dinitrotoluene
Concen: 5.419 ng
RT: 14.56 min Scan# 1952
Delta R.T. -0.37 min
Lab File: BG046527.D
Acq: 3 Sep 2020 22:12

Instrument :
BNA_G
ClientSampleId :
TP-3

Tgt Ion:165 Resp: 25085

Ion	Ratio	Lower	Upper
165	100		
63	1.1	25.4	38.0#
89	1.8	45.9	68.9#
182	0.0	2.3	3.5#

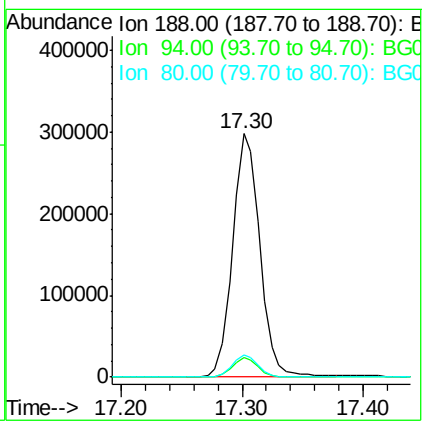


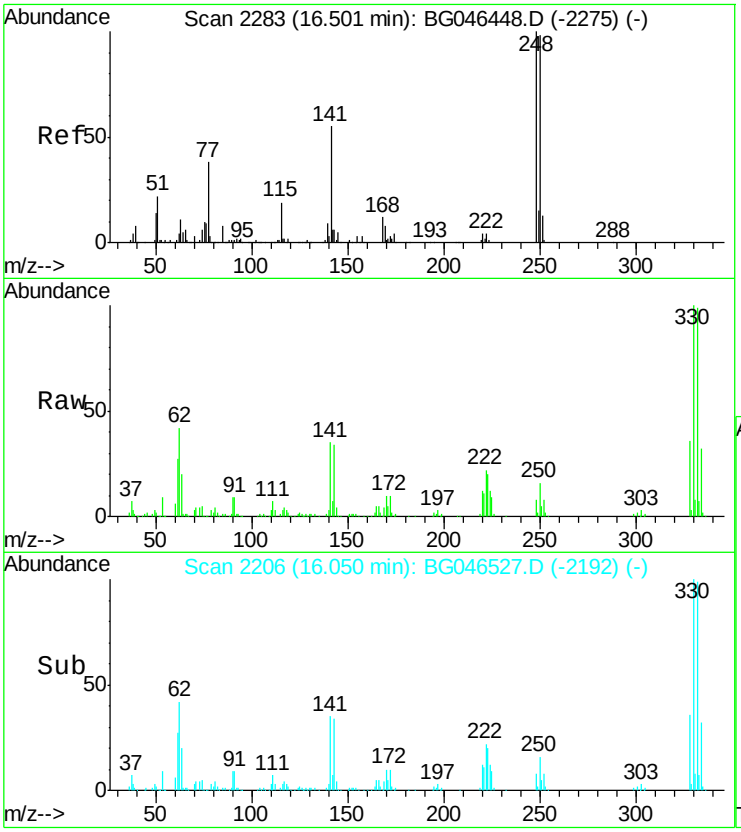


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.30 min Scan# 2419
Delta R.T. -0.01 min
Lab File: BG046527.D
Acq: 3 Sep 2020 22:12

Tgt Ion:188 Resp: 468425

Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.3	9.5
80	9.0	6.9	10.3



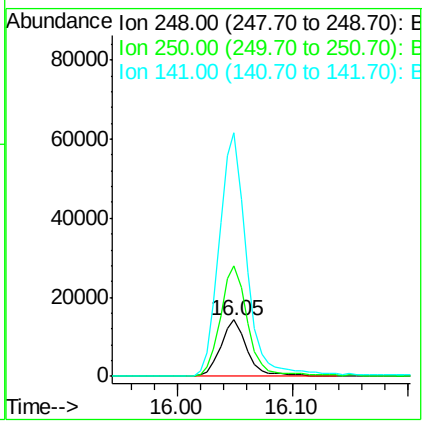


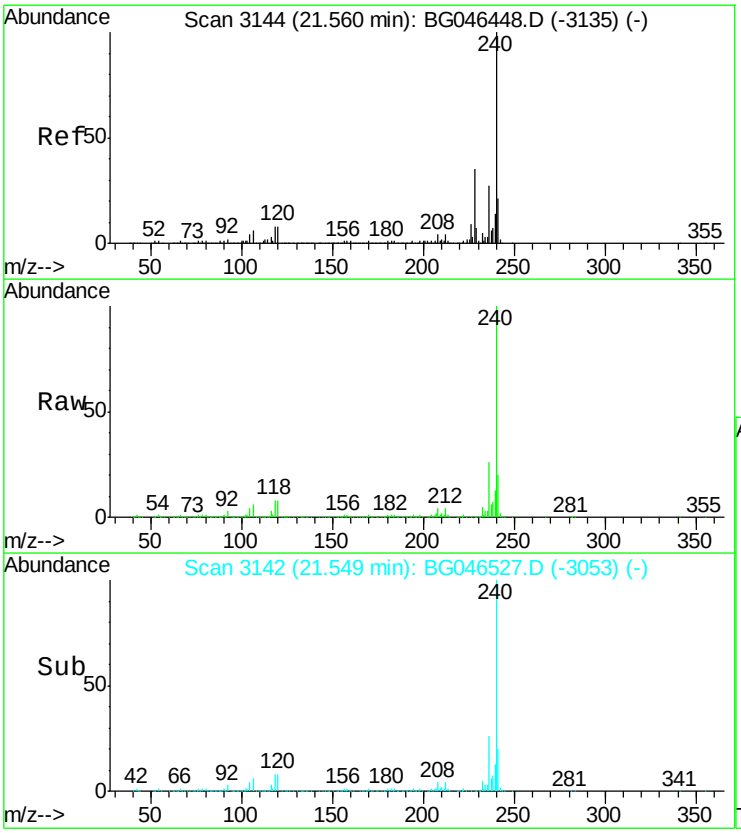
#67
4-Bromophenyl-phenylether
Concen: 4.149 ng
RT: 16.05 min Scan# 2206
Delta R.T. -0.45 min
Lab File: BG046527.D
Acq: 3 Sep 2020 22:12

Instrument :
BNA_G
ClientSampleId :
TP-3

Tgt Ion:248 Resp: 22676

Ion	Ratio	Lower	Upper
248	100		
250	197.1	78.6	118.0#
141	432.6	43.9	65.9#

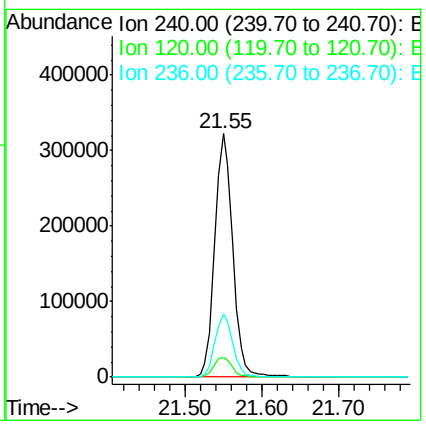


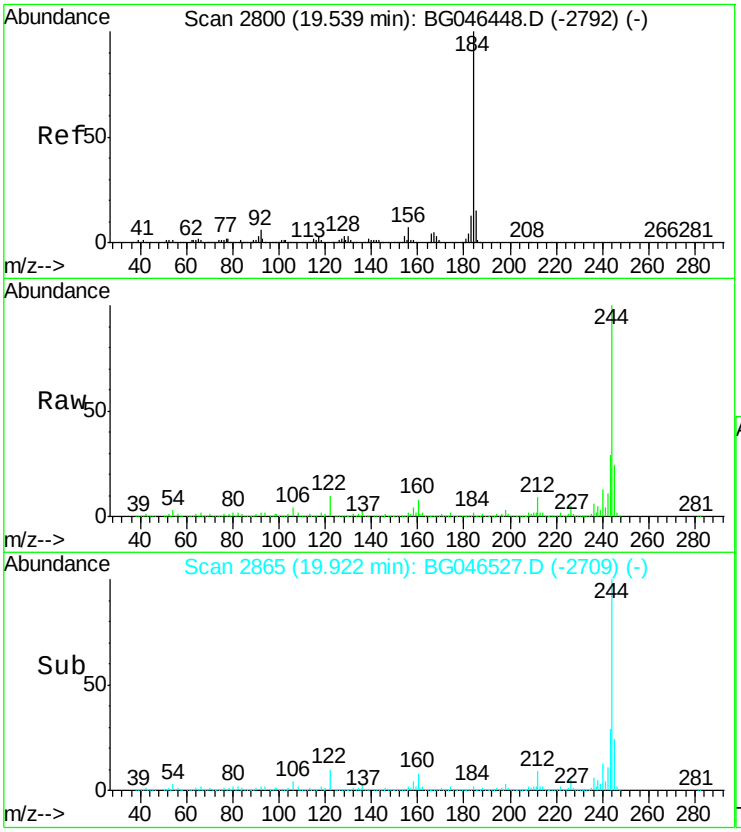


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.55 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BG046527.D
Acq: 3 Sep 2020 22:12

Tgt Ion:240 Resp: 517391

Ion	Ratio	Lower	Upper
240	100		
120	8.1	6.6	10.0
236	26.1	21.4	32.2



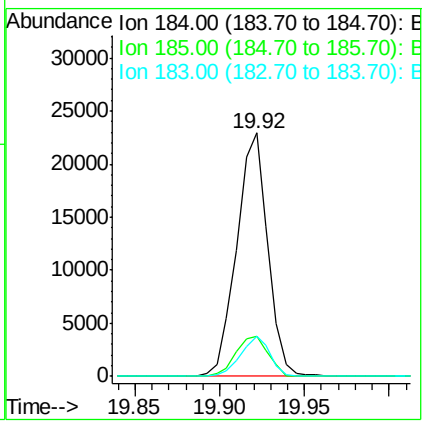


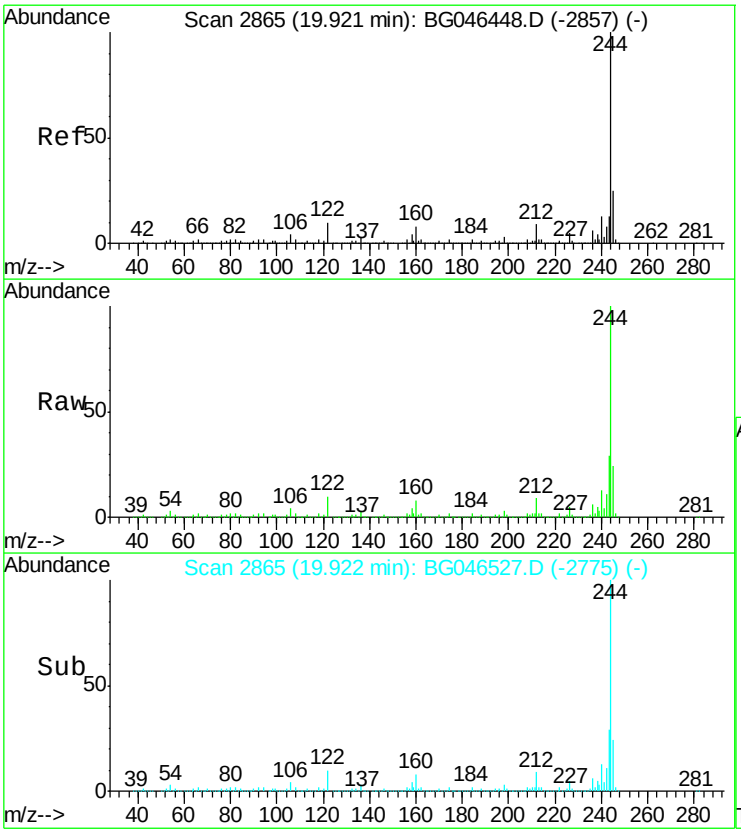
#77
Benzidine
Concen: 2.441 ng
RT: 19.92 min Scan# 2865
Delta R.T. 0.39 min
Lab File: BG046527.D
Acq: 3 Sep 2020 22:12

Instrument :
BNA_G
ClientSampleId :
TP-3

Tgt Ion:184 Resp: 29352

Ion	Ratio	Lower	Upper
184	100		
185	16.5	11.8	17.8
183	16.3	10.7	16.1#

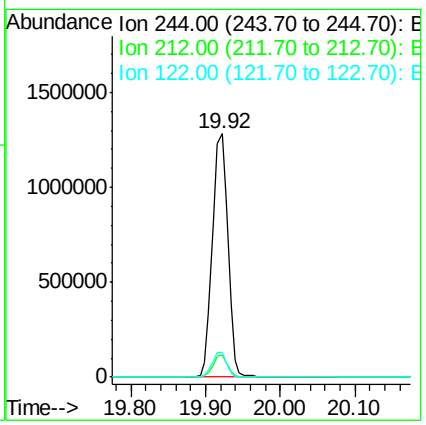


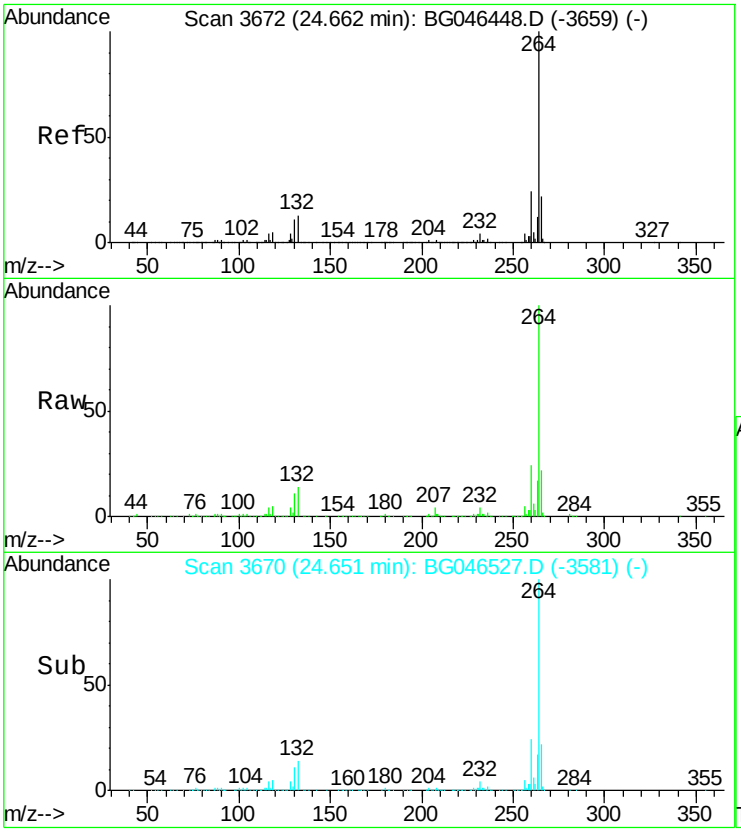


#79
Terphenyl-d14
Concen: 76.154 ng
RT: 19.92 min Scan# 2865
Delta R.T. 0.00 min
Lab File: BG046527.D
Acq: 3 Sep 2020 22:12

Tgt Ion:244 Resp: 1851411

Ion	Ratio	Lower	Upper
244	100		
212	8.9	6.9	10.3
122	9.9	8.2	12.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.65 min Scan# 3670
Delta R.T. -0.00 min
Lab File: BG046527.D
Acq: 3 Sep 2020 22:12

Instrument :
BNA_G
ClientSampleId :
TP-3

Tgt Ion:264 Resp: 500390

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.9	17.9	26.9