Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090320\
Data File : BG046525.D
Acq On : 3 Sep 2020 20:51
Operator : CG/JU
Sample : L3877-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-1

Quant Time: Sep 04 01:23:48 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	83522	20.00	ng		0.00
21) Naphthalene-d8	10.73	136	324942	20.00	ng		0.00
39) Acenaphthene-d10	14.56	164	208127	20.00	ng		0.00
64) Phenanthrene-d10	17.30	188	479395	20.00	ng		0.00
76) Chrysene-d12	21.55	240	507803	20.00	ng		0.00
86) Perylene-d12	24.65	264	496713	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	518247	109.90	ng		0.00
7) Phenol-d6	7.11	99	605787	90.62	ng		0.00
23) Nitrobenzene-d5	9.09	82	506010	89.00	ng		0.00
42) 2,4,6-Tribromophenol	16.05	330	325474	115.42	ng		0.00
45) 2-Fluorobiphenyl	13.18	172	1197754	87.85	ng		0.00
79) Terphenyl-d14	19.92	244	1859103	77.91	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	7.08	77	17599	4.699	ng	#	1
10) Phenol	7.13	94	52575	8.539	ng		94
19) n-Nitroso-di-n-propylamine	9.09	70	66164	16.547	ng	#	76
22) Acetophenone	8.75	105	54871	6.937	ng	#	92
31) Naphthalene	10.82	128	7479190	471.406	ng	#	54
32) Benzoic acid	10.17	122	9162	8.008	ng	#	33
33) 4-Chloroaniline	10.82	127	1894141	270.743	ng	#	38
37) 2-Methylnaphthalene	12.39	142	1317134	105.262	ng		97
38) 1-Methylnaphthalene	12.39	142	1317134	111.126	ng		98
46) 1,1'-Biphenyl	13.39	154	78769	5.440	ng		98
67) 4-Bromophenyl-phenylether	16.05	248	25438	4.548	ng	#	1
77) Benzidine	19.92	184	29824	2.528	ng	#	95

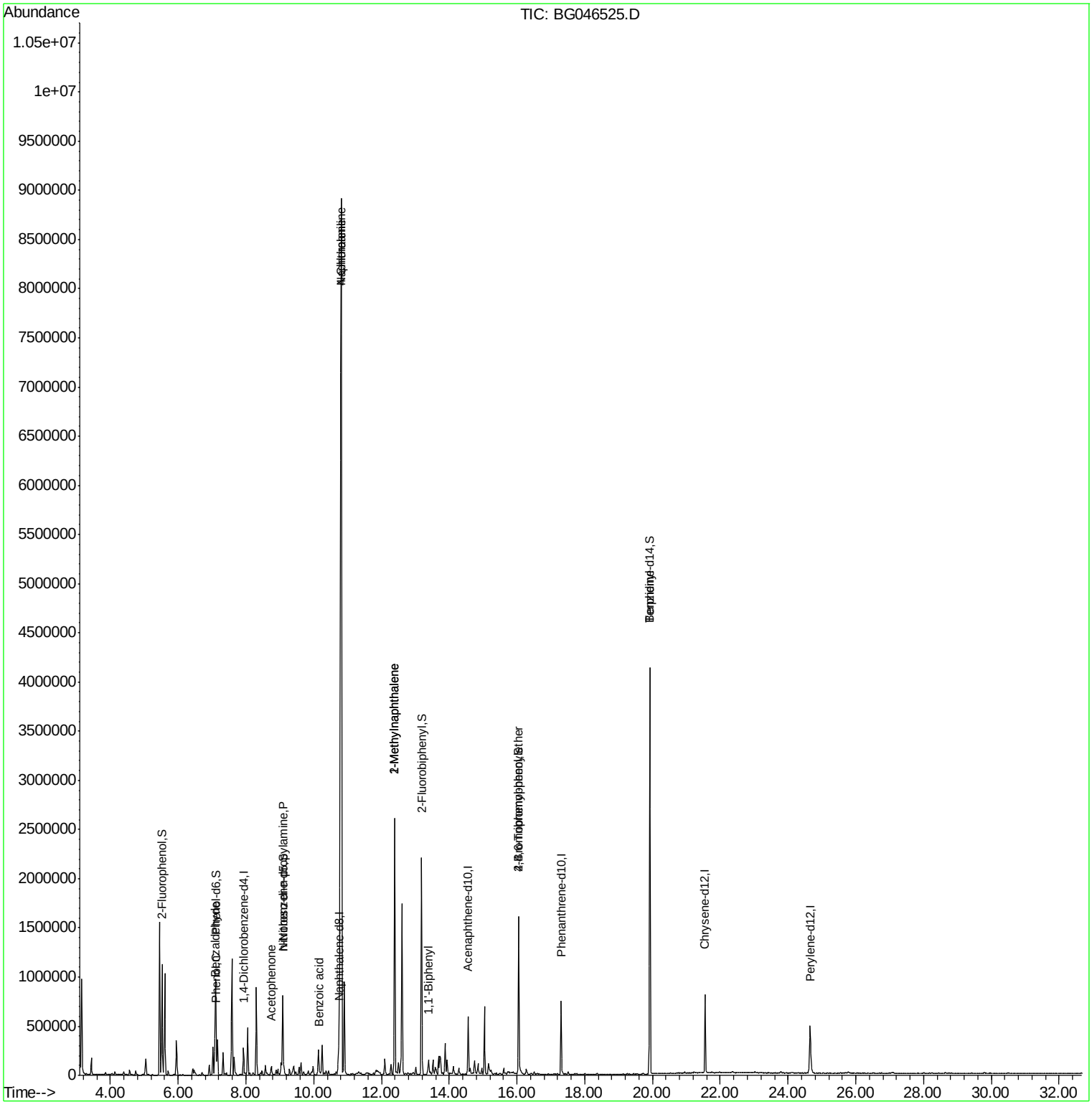
(#) = qualifier out of range (m) = manual integration (+) = signals summed

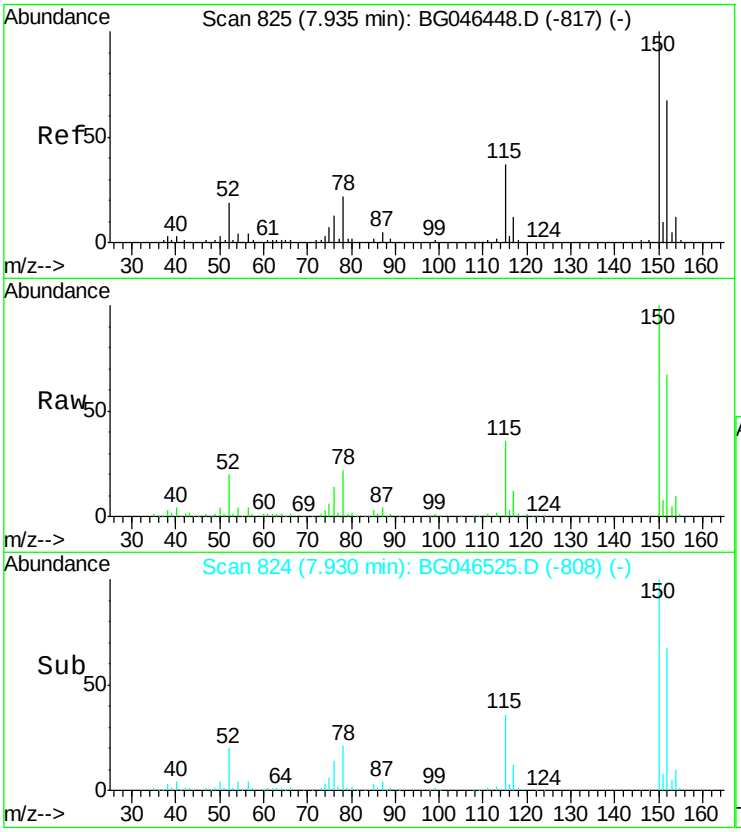
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090320\
Data File : BG046525.D
Acq On : 3 Sep 2020 20:51
Operator : CG/JU
Sample : L3877-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-1

Quant Time: Sep 04 01:23:48 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



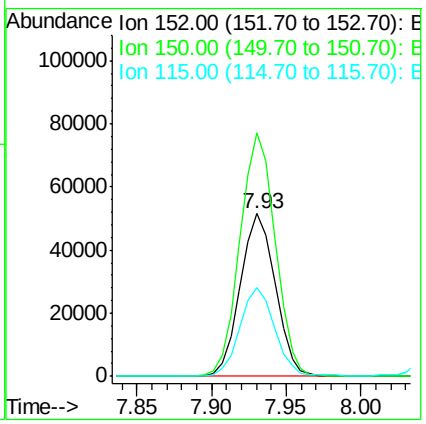


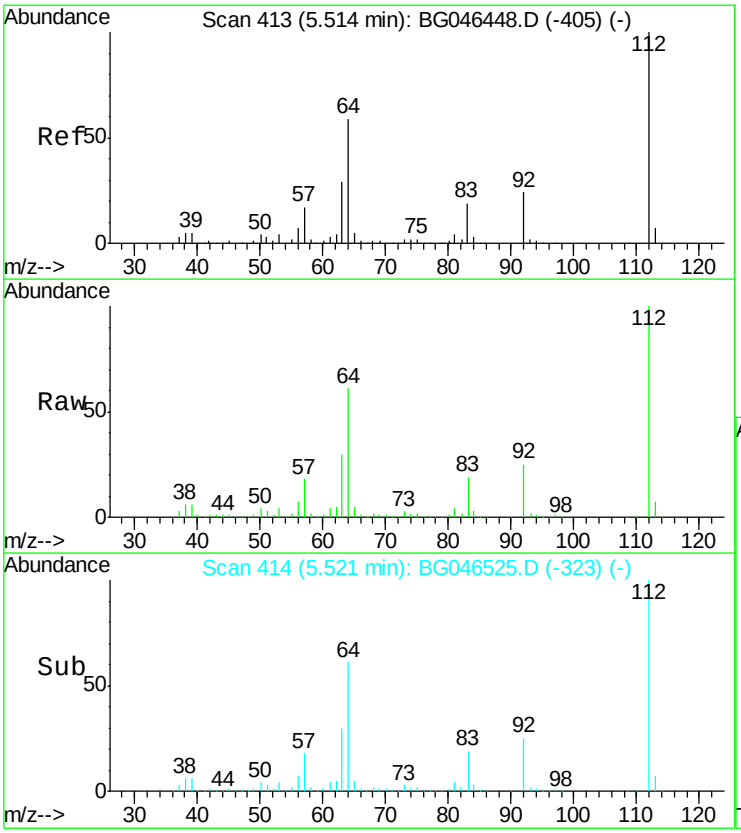
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.00 min
Lab File: BG046525.D
Acq: 3 Sep 2020 20:51

Instrument :
BNA_G
ClientSampleId :
TP-1

Tgt Ion:152 Resp: 83522

Ion	Ratio	Lower	Upper
152	100		
150	149.9	119.5	179.3
115	54.7	44.3	66.5

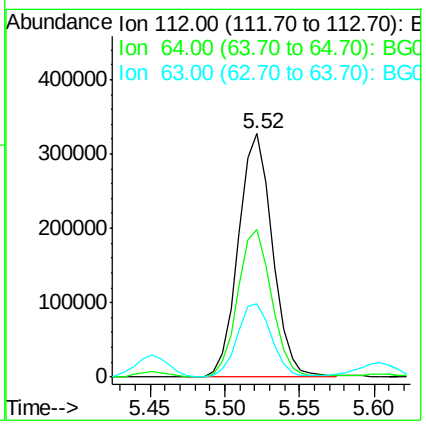


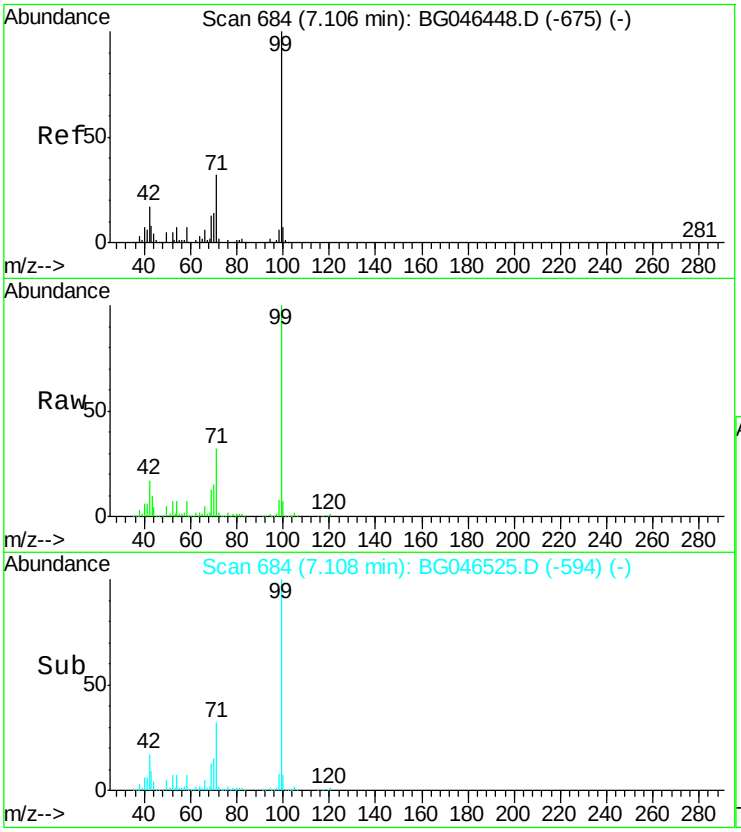


#5
2-Fluorophenol
Concen: 109.901 ng
RT: 5.52 min Scan# 414
Delta R.T. 0.01 min
Lab File: BG046525.D
Acq: 3 Sep 2020 20:51

Tgt Ion:112 Resp: 518247

Ion	Ratio	Lower	Upper
112	100		
64	60.8	47.0	70.6
63	30.0	23.5	35.3



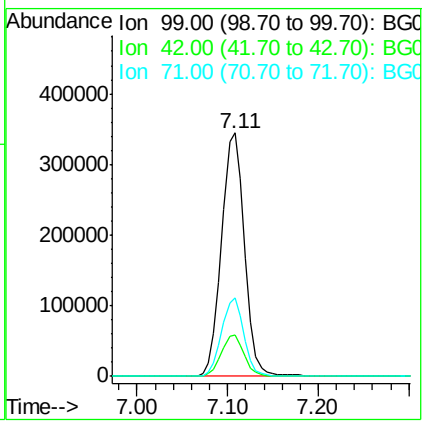


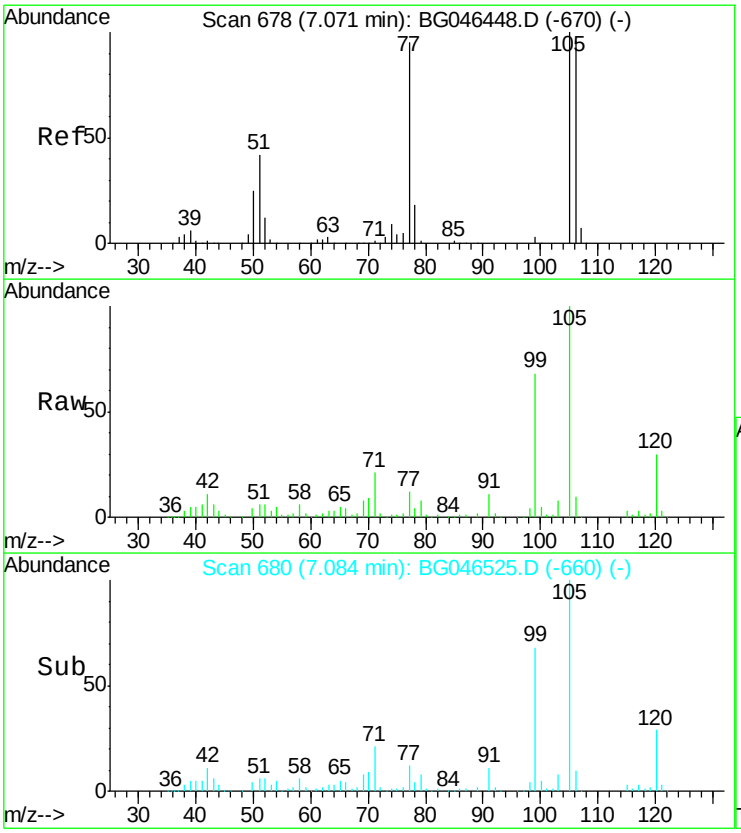
#7
Phenol-d6
Concen: 90.621 ng
RT: 7.11 min Scan# 684
Delta R.T. 0.00 min
Lab File: BG046525.D
Acq: 3 Sep 2020 20:51

Instrument :
BNA_G
ClientSampleId :
TP-1

Tgt Ion: 99 Resp: 605787

Ion	Ratio	Lower	Upper
99	100		
42	16.7	13.3	19.9
71	32.2	25.3	37.9

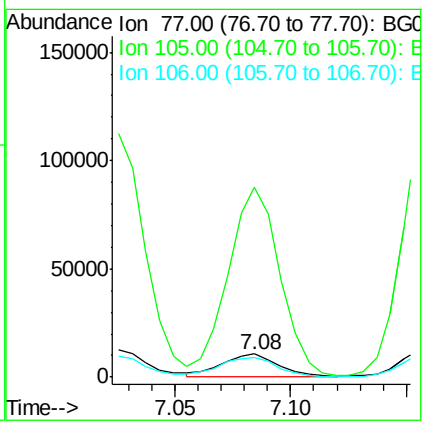


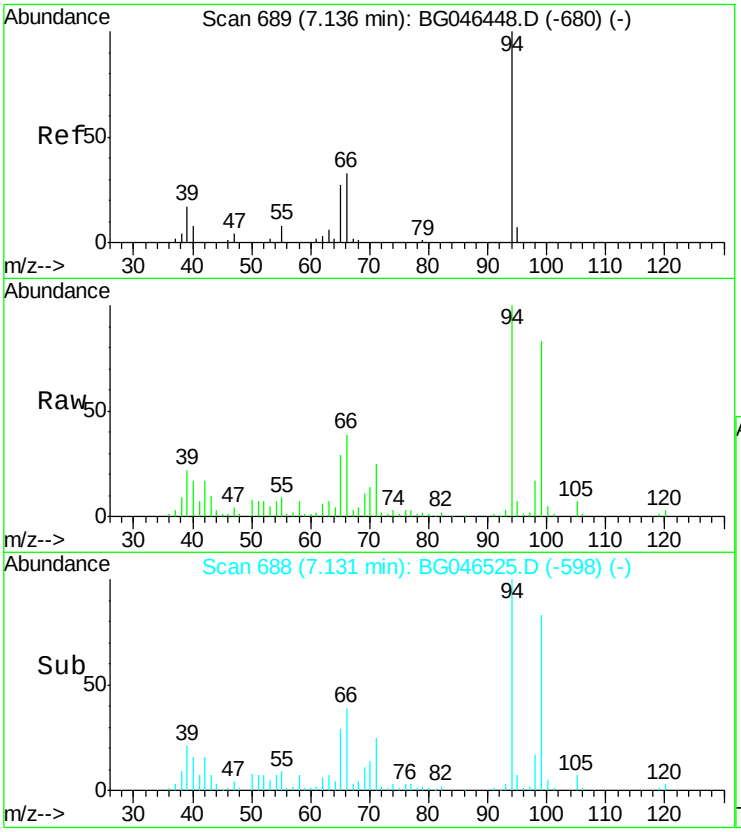


#9
Benzaldehyde
Concen: 4.699 ng
RT: 7.08 min Scan# 680
Delta R.T. 0.02 min
Lab File: BG046525.D
Acq: 3 Sep 2020 20:51

Tgt Ion: 77 Resp: 17599

Ion	Ratio	Lower	Upper
77	100		
105	824.8	85.6	125.6#
106	83.3	80.8	120.8



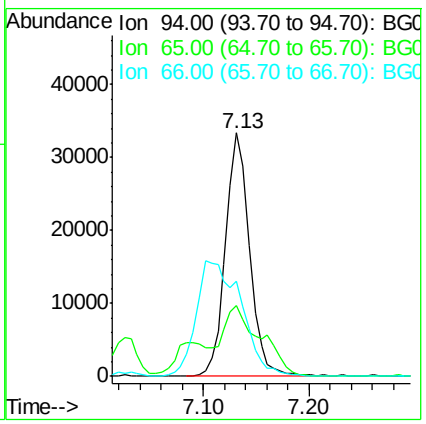


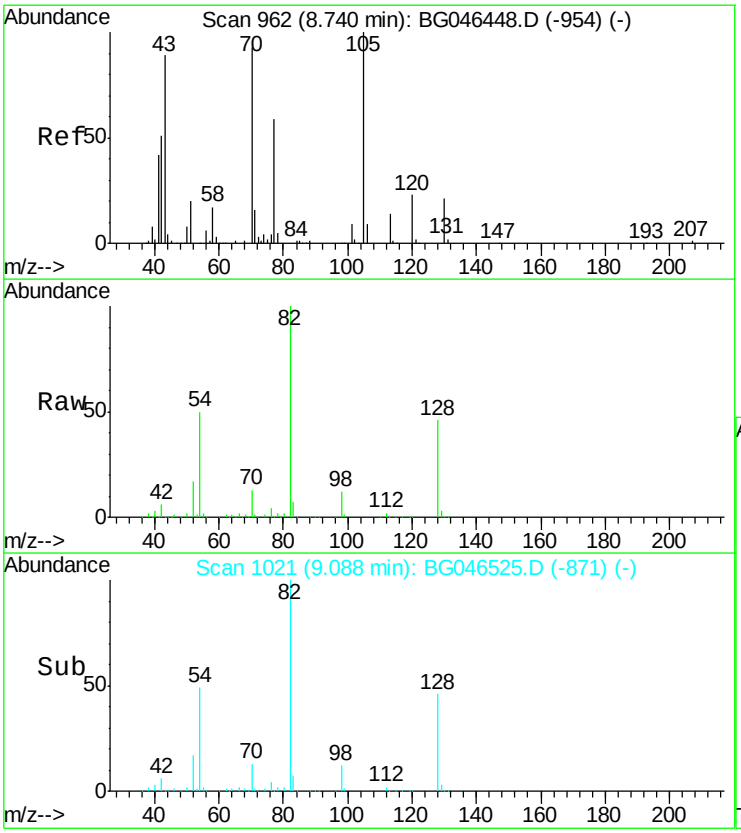
#10
Phenol
Concen: 8.539 ng
RT: 7.13 min Scan# 688
Delta R.T. 0.00 min
Lab File: BG046525.D
Acq: 3 Sep 2020 20:51

Instrument :
BNA_G
ClientSampleId :
TP-1

Tgt Ion: 94 Resp: 52575

Ion	Ratio	Lower	Upper
94	100		
65	29.0	7.5	47.5
66	39.1	14.1	54.1

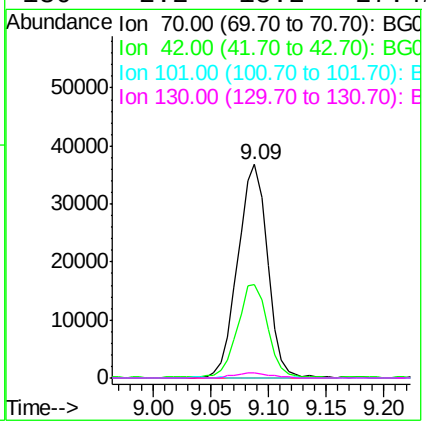


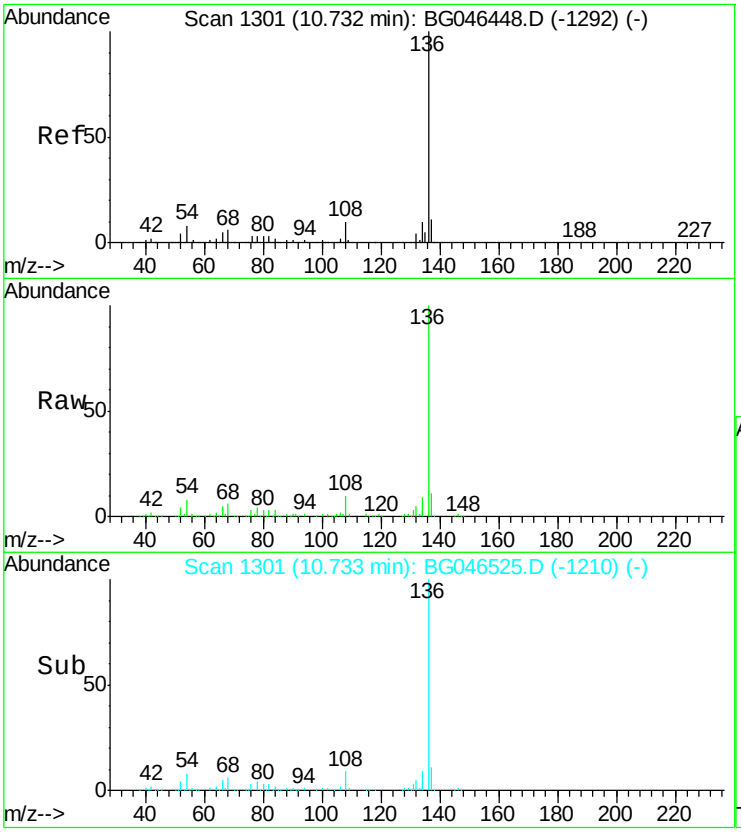


#19
n-Nitroso-di-n-propylamine
Concen: 16.547 ng
RT: 9.09 min Scan# 1021
Delta R.T. 0.35 min
Lab File: BG046525.D
Acq: 3 Sep 2020 20:51

Tgt Ion: 70 Resp: 66164

Ion	Ratio	Lower	Upper
70	100		
42	43.5	44.2	66.2#
101	0.0	7.8	11.8#
130	2.2	18.2	27.4#



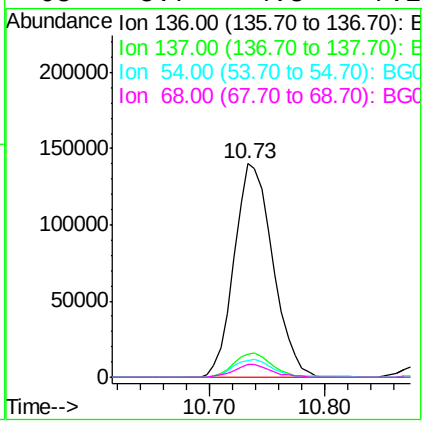


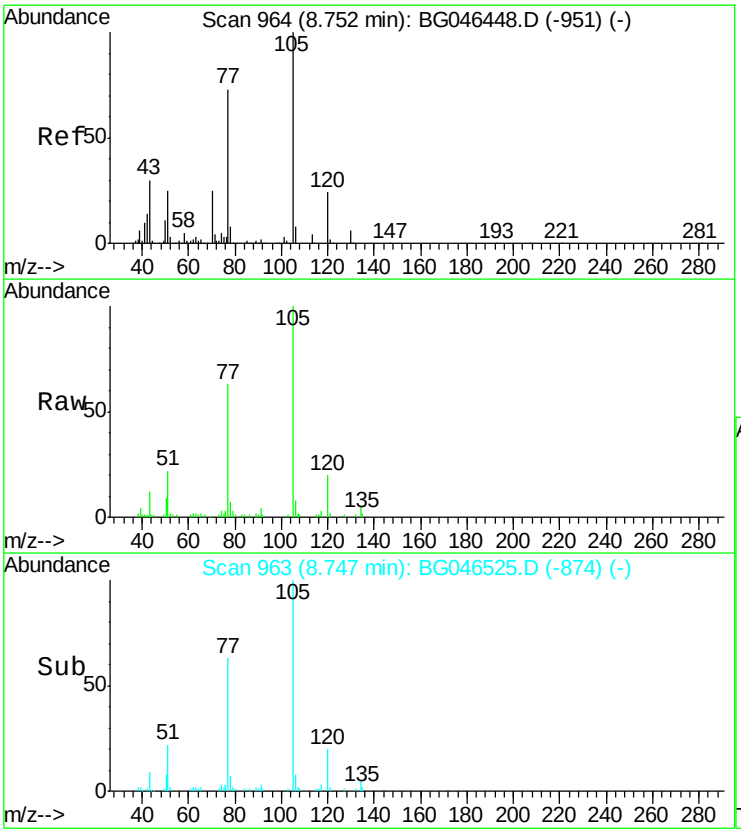
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1301
Delta R.T. 0.01 min
Lab File: BG046525.D
Acq: 3 Sep 2020 20:51

Instrument :
BNA_G
ClientSampleId :
TP-1

Tgt Ion:136 Resp: 324942

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	8.1	6.1	9.1
68	5.7	4.8	7.2

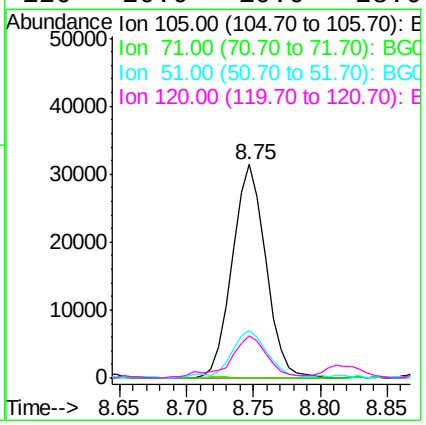


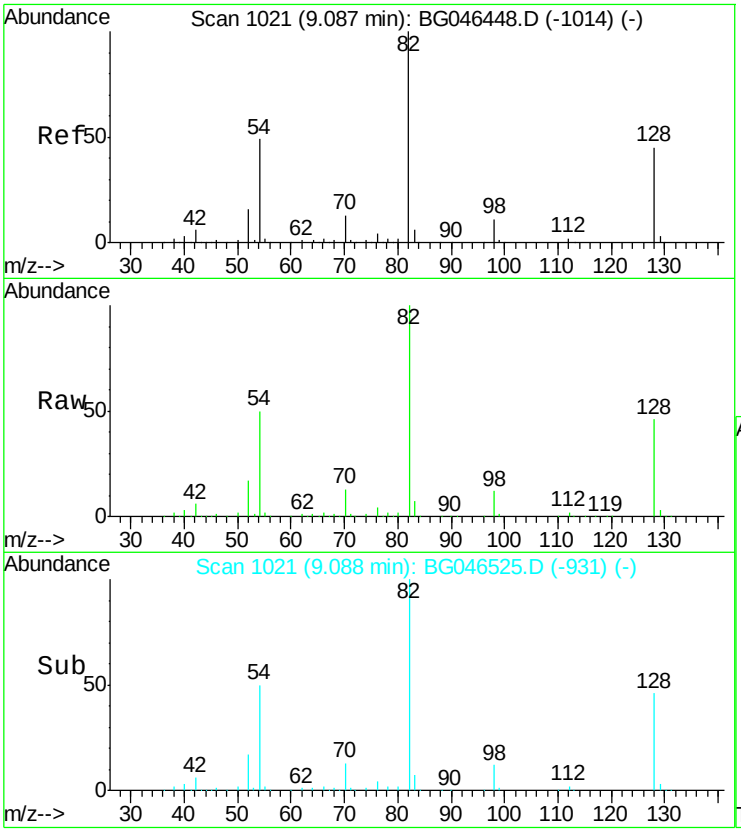


#22
Acetophenone
Concen: 6.937 ng
RT: 8.75 min Scan# 963
Delta R.T. -0.00 min
Lab File: BG046525.D
Acq: 3 Sep 2020 20:51

Tgt Ion:105 Resp: 54871

Ion	Ratio	Lower	Upper
105	100		
71	0.0	3.3	4.9#
51	22.3	20.6	31.0
120	20.0	19.0	28.6



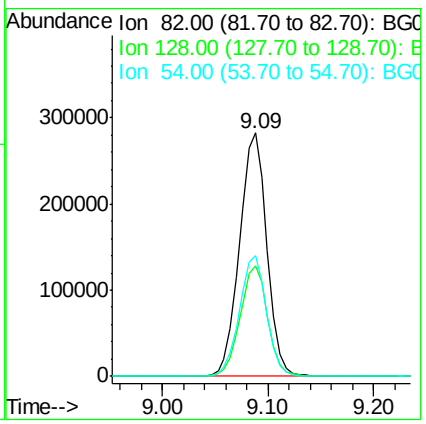


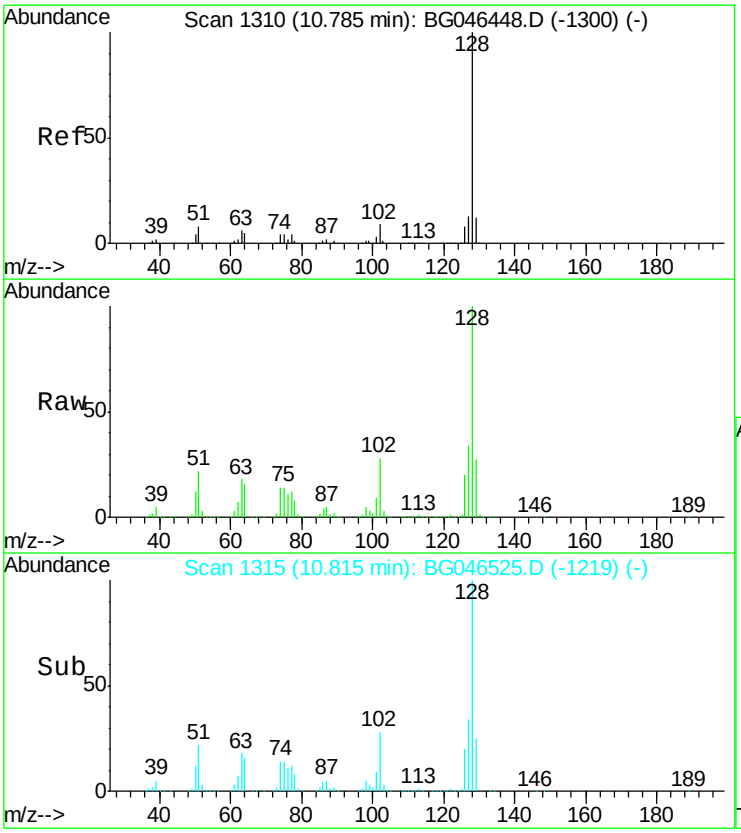
#23
Nitrobenzene-d5
Concen: 89.004 ng
RT: 9.09 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BG046525.D
Acq: 3 Sep 2020 20:51

Instrument :
BNA_G
ClientSampleId :
TP-1

Tgt Ion: 82 Resp: 506010

Ion	Ratio	Lower	Upper
82	100		
128	45.6	35.7	53.5
54	49.6	39.4	59.0

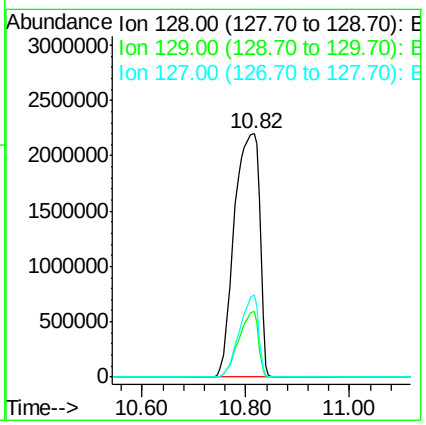


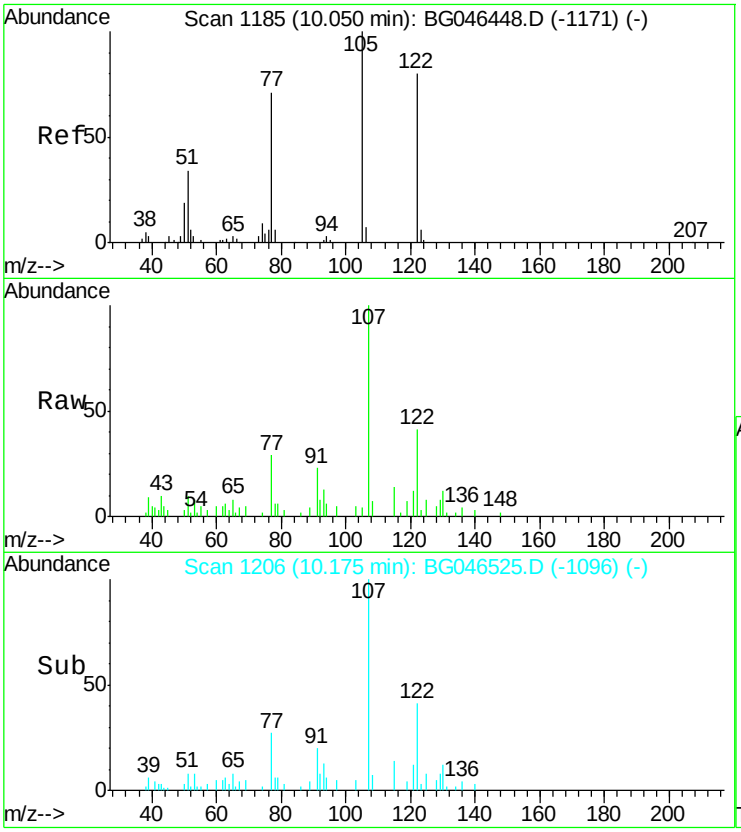


#31
Naphthalene
Concen: 471.406 ng
RT: 10.82 min Scan# 1315
Delta R.T. 0.04 min
Lab File: BG046525.D
Acq: 3 Sep 2020 20:51

Tgt Ion:128 Resp: 7479190

Ion	Ratio	Lower	Upper
128	100		
129	26.8	9.2	13.8#
127	33.9	10.7	16.1#



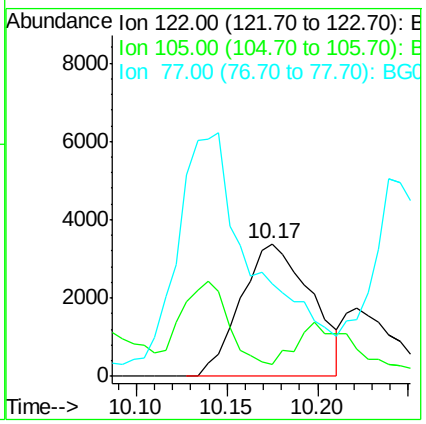


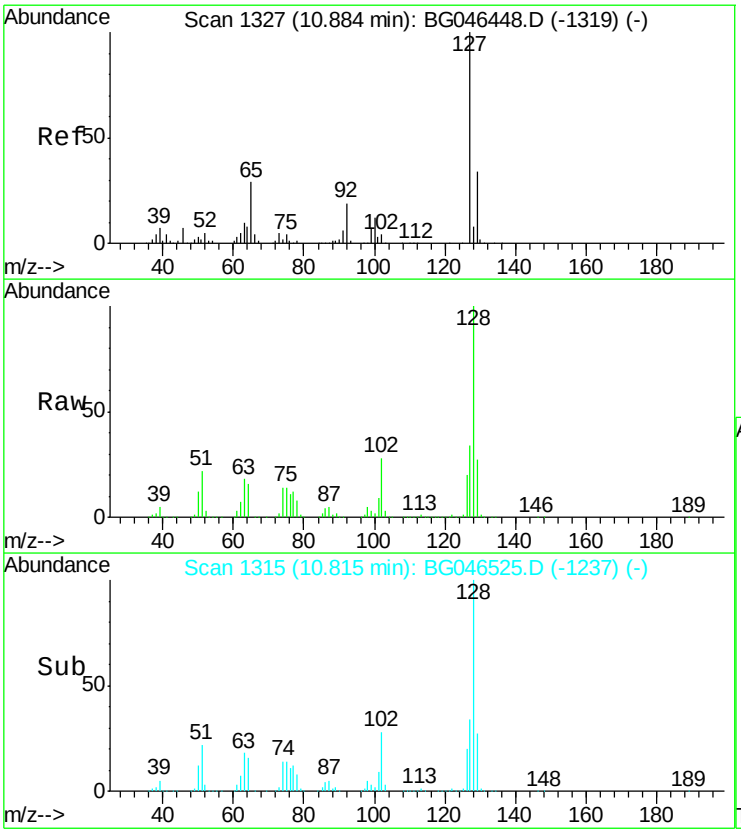
#32
Benzoic acid
Concen: 8.008 ng
RT: 10.17 min Scan# 1206
Delta R.T. 0.12 min
Lab File: BG046525.D
Acq: 3 Sep 2020 20:51

Instrument :
BNA_G
ClientSampleId :
TP-1

Tgt Ion:122 Resp: 9162

Ion	Ratio	Lower	Upper
122	100		
105	9.4	102.5	142.5#
77	70.2	68.2	108.2

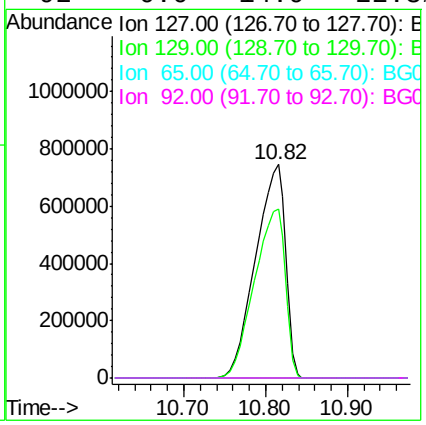


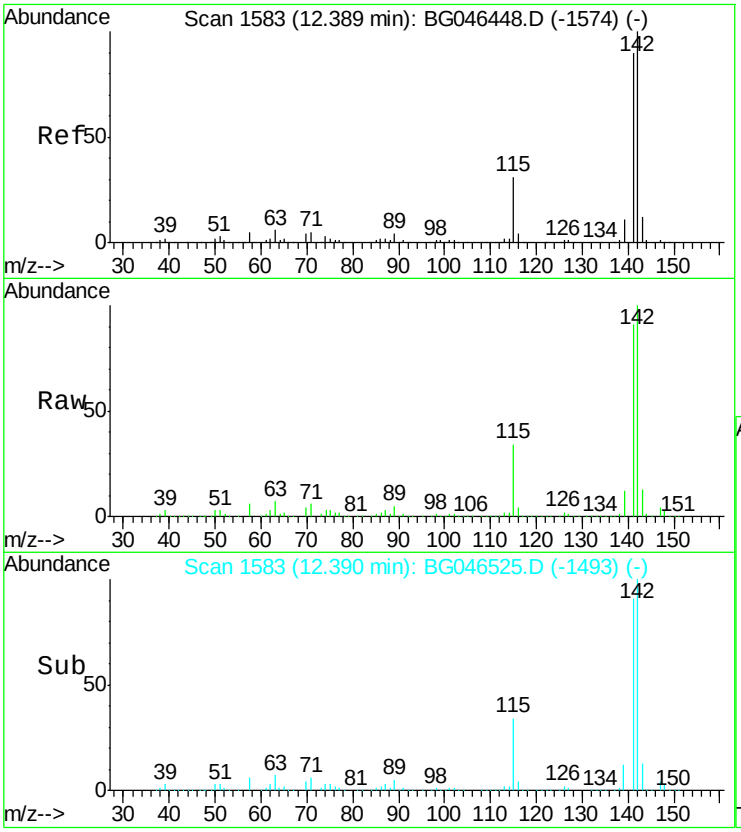


#33
4-Chloroaniline
Concen: 270.743 ng
RT: 10.82 min Scan# 1315
Delta R.T. -0.07 min
Lab File: BG046525.D
Acq: 3 Sep 2020 20:51

Tgt Ion:127 Resp: 1894141

Ion	Ratio	Lower	Upper
127	100		
129	79.2	27.0	40.4#
65	0.0	23.5	35.3#
92	0.0	14.9	22.3#



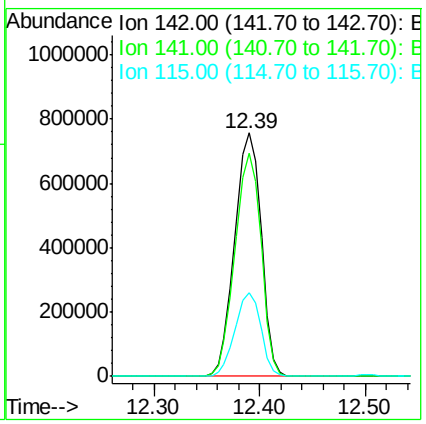


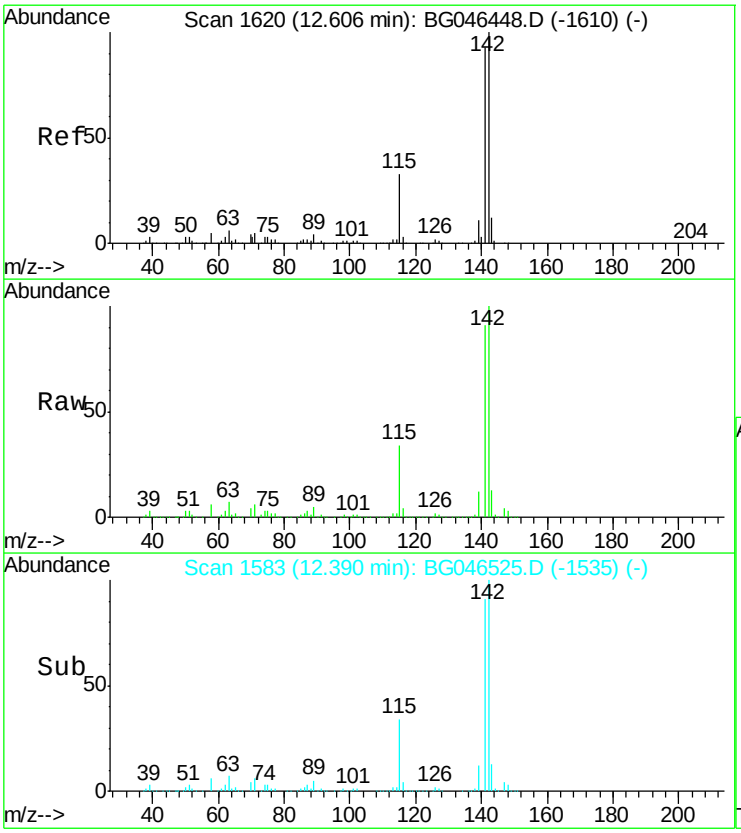
#37
2-Methylnaphthalene
Concen: 105.262 ng
RT: 12.39 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BG046525.D
Acq: 3 Sep 2020 20:51

Instrument :
BNA_G
ClientSampleId :
TP-1

Tgt Ion:142 Resp: 1317134

Ion	Ratio	Lower	Upper
142	100		
141	91.4	72.1	108.1
115	34.4	24.9	37.3

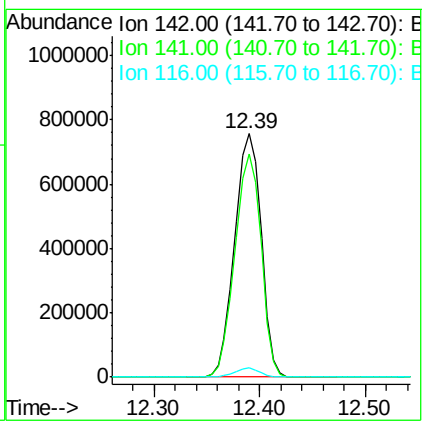


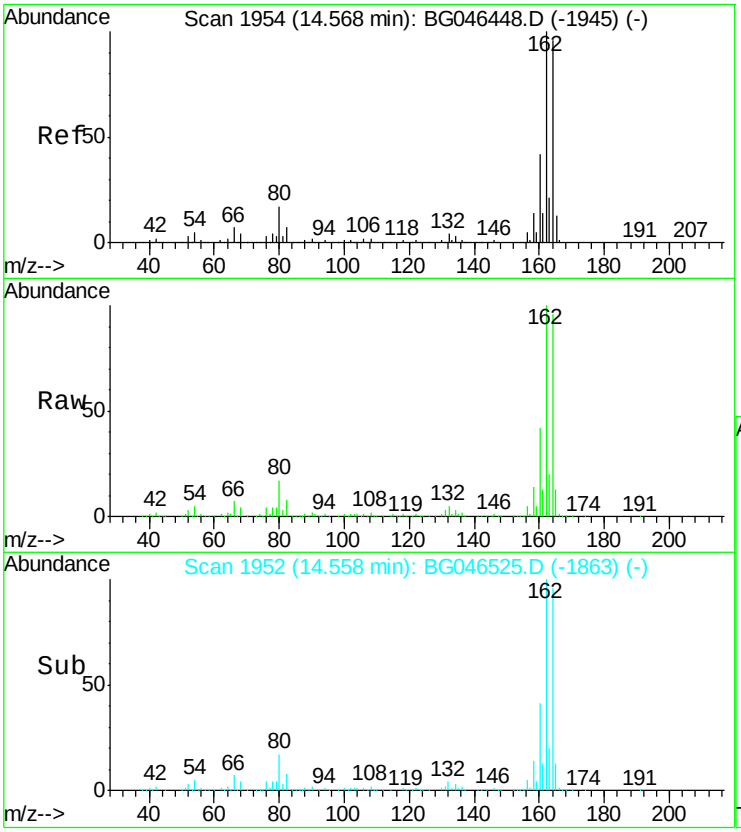


#38
1-Methylnaphthalene
Concen: 111.126 ng
RT: 12.39 min Scan# 1583
Delta R.T. -0.22 min
Lab File: BG046525.D
Acq: 3 Sep 2020 20:51

Tgt Ion:142 Resp: 1317134

Ion	Ratio	Lower	Upper
142	100		
141	91.4	74.7	112.1
116	3.8	2.6	4.0



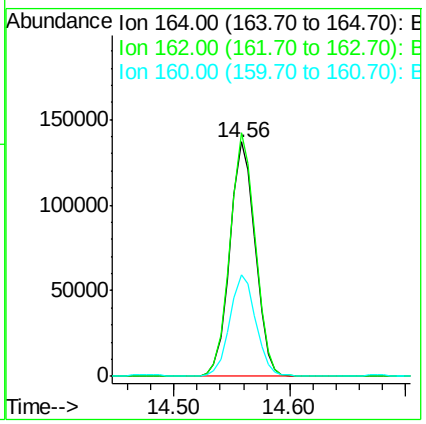


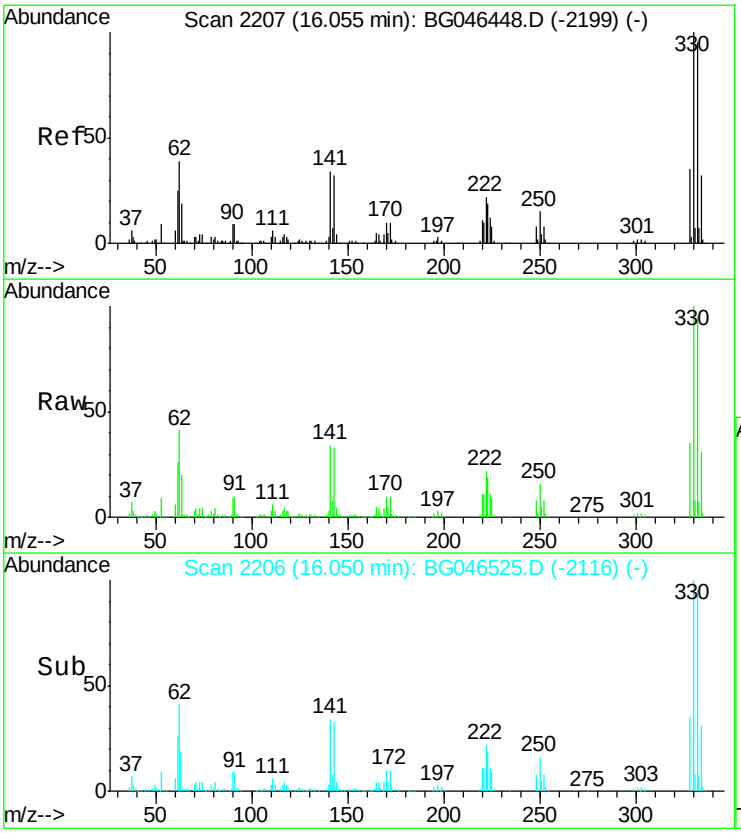
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.56 min Scan# 1952
Delta R.T. -0.00 min
Lab File: BG046525.D
Acq: 3 Sep 2020 20:51

Instrument :
BNA_G
ClientSampleId :
TP-1

Tgt Ion:164 Resp: 208127

Ion	Ratio	Lower	Upper
164	100		
162	103.8	83.3	124.9
160	43.6	35.0	52.6

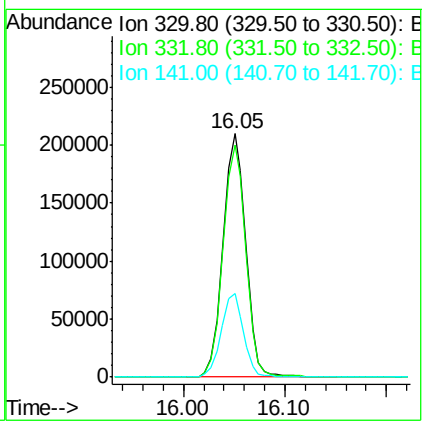


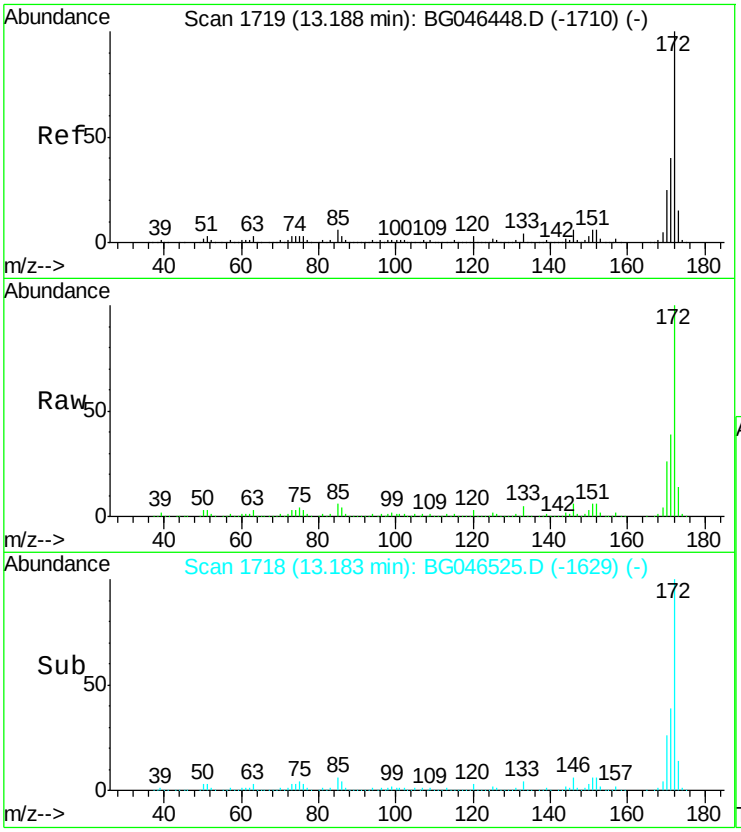


#42
2,4,6-Tribromophenol
Concen: 115.417 ng
RT: 16.05 min Scan# 2206
Delta R.T. 0.00 min
Lab File: BG046525.D
Acq: 3 Sep 2020 20:51

Tgt Ion:330 Resp: 325474

Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.1	114.1
141	34.1	26.1	39.1



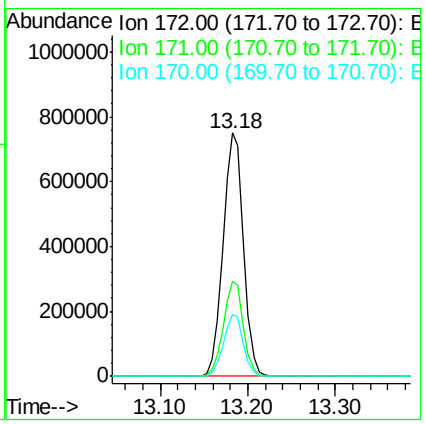


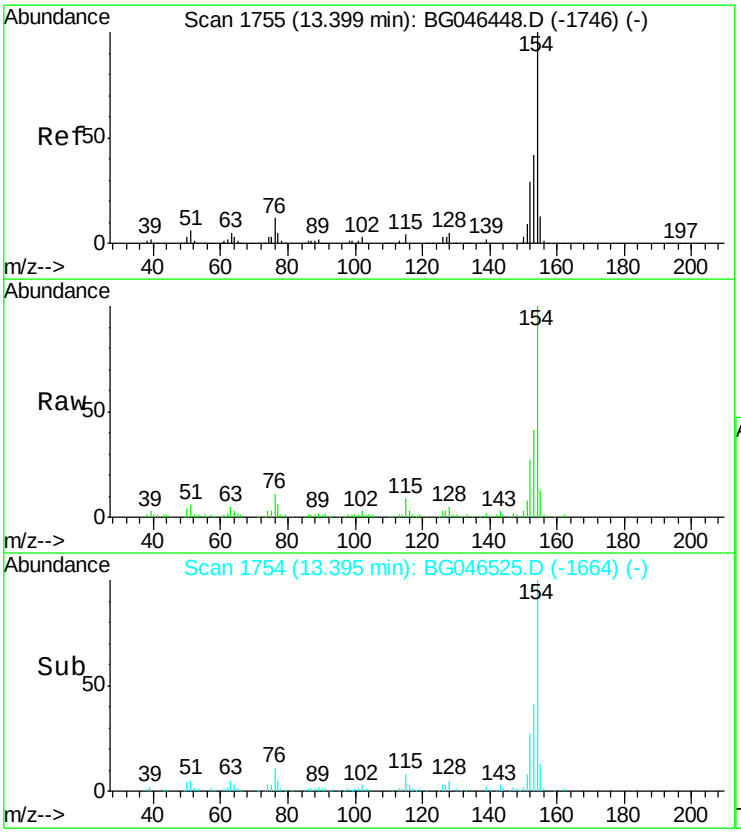
#45
2-Fluorobiphenyl
Concen: 87.852 ng
RT: 13.18 min Scan# 1718
Delta R.T. -0.00 min
Lab File: BG046525.D
Acq: 3 Sep 2020 20:51

Instrument :
BNA_G
ClientSampleId :
TP-1

Tgt Ion:172 Resp: 1197754

Ion	Ratio	Lower	Upper
172	100		
171	39.2	31.8	47.6
170	25.6	20.3	30.5

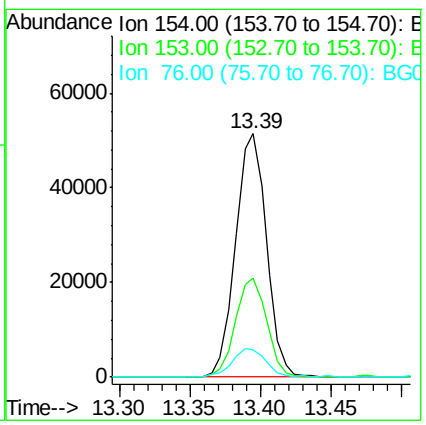


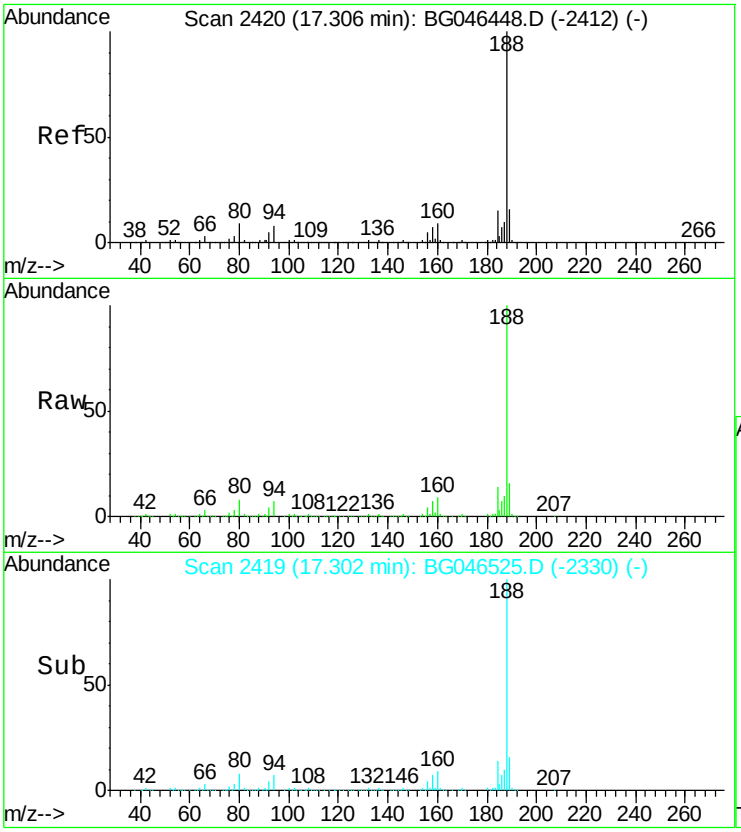


#46
1,1'-Biphenyl
Concen: 5.440 ng
RT: 13.39 min Scan# 1754
Delta R.T. 0.00 min
Lab File: BG046525.D
Acq: 3 Sep 2020 20:51

Tgt Ion:154 Resp: 78769

Ion	Ratio	Lower	Upper
154	100		
153	40.6	22.0	62.0
76	11.3	0.0	32.3



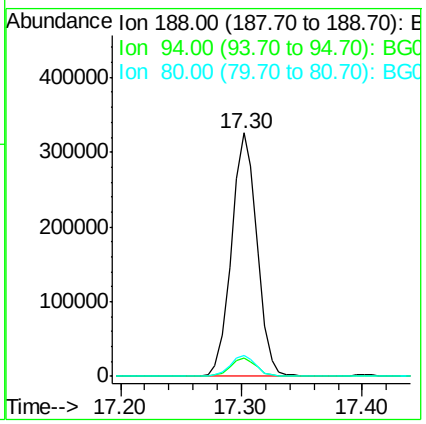


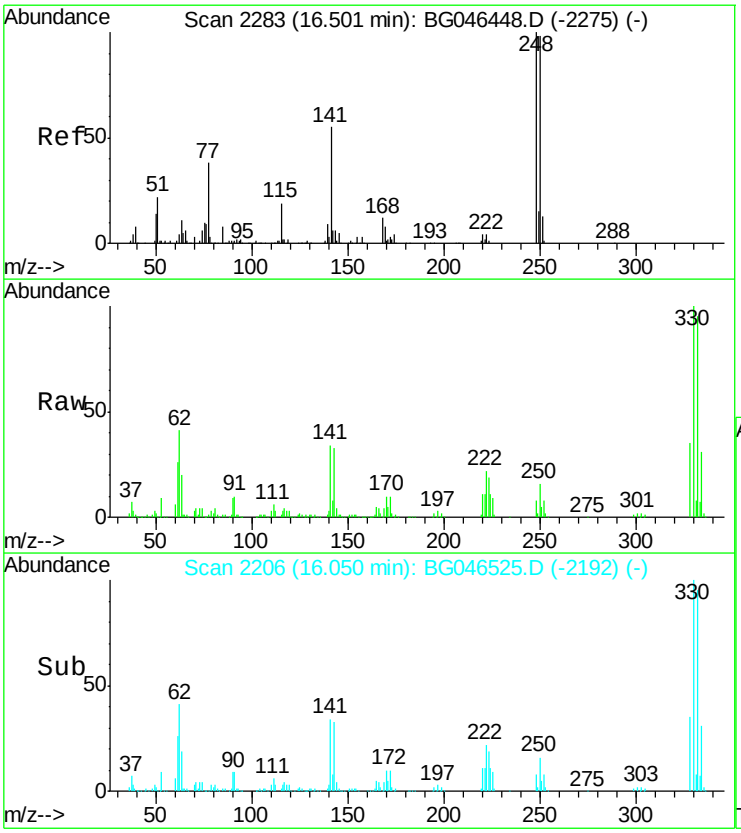
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.30 min Scan# 2419
Delta R.T. -0.00 min
Lab File: BG046525.D
Acq: 3 Sep 2020 20:51

Instrument :
BNA_G
ClientSampleId :
TP-1

Tgt Ion:188 Resp: 479395

Ion	Ratio	Lower	Upper
188	100		
94	7.4	6.3	9.5
80	8.3	6.9	10.3

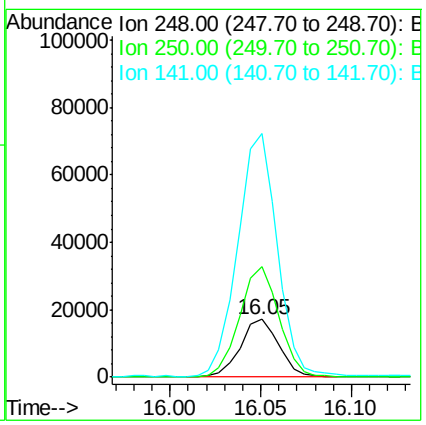


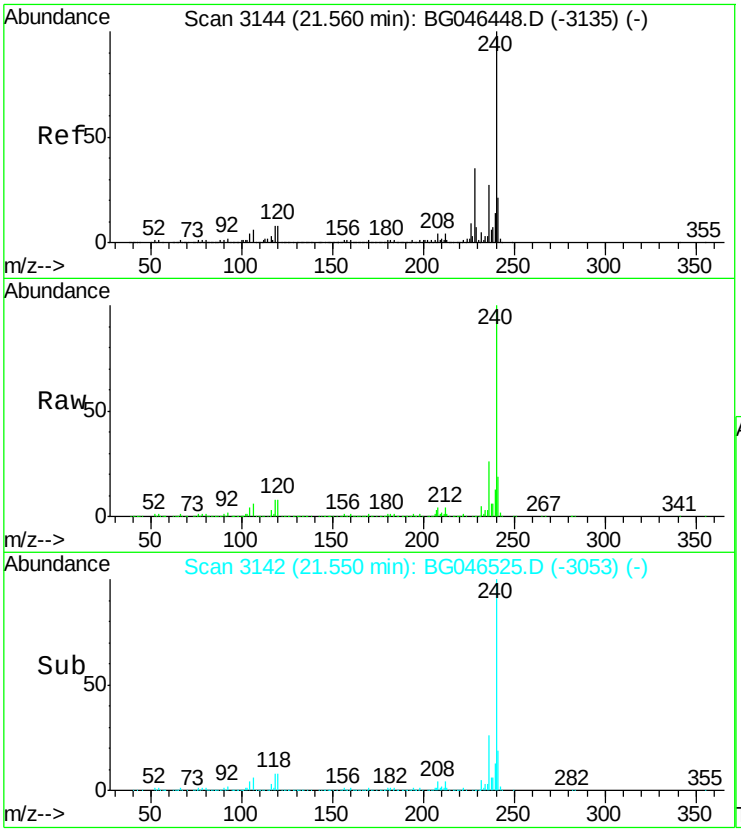


#67
4-Bromophenyl-phenylether
Concen: 4.548 ng
RT: 16.05 min Scan# 2206
Delta R.T. -0.45 min
Lab File: BG046525.D
Acq: 3 Sep 2020 20:51

Tgt Ion:248 Resp: 25438

Ion	Ratio	Lower	Upper
248	100		
250	190.2	78.6	118.0#
141	421.0	43.9	65.9#



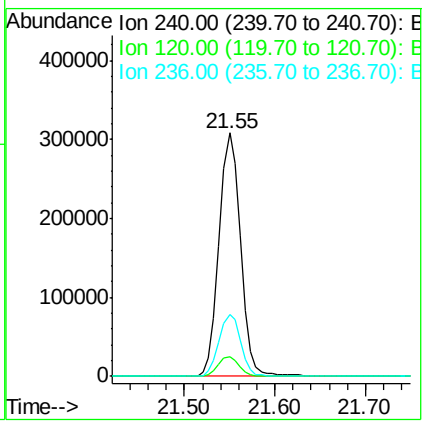


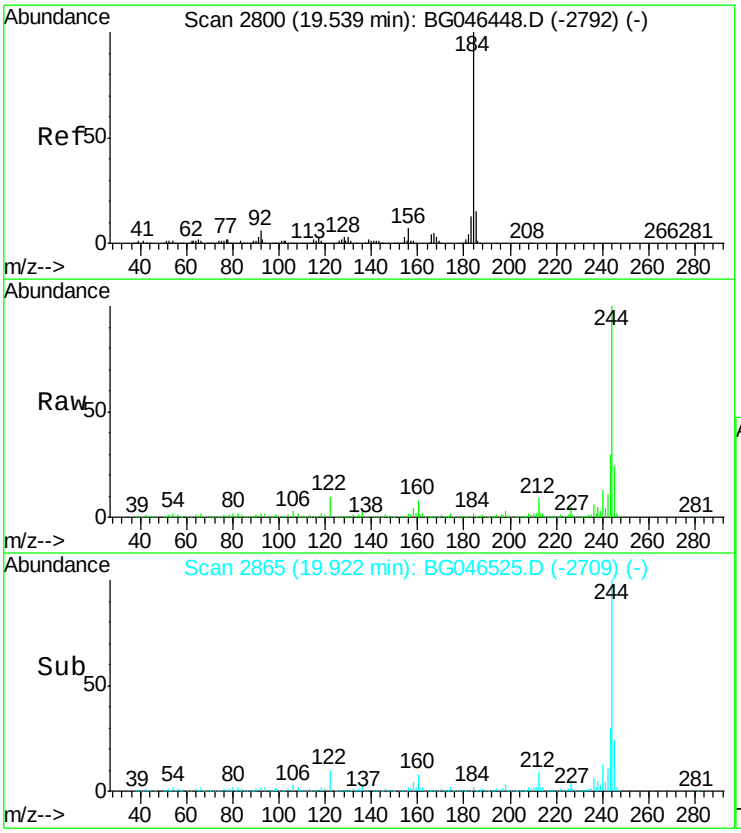
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.55 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BG046525.D
Acq: 3 Sep 2020 20:51

Instrument :
BNA_G
ClientSampleId :
TP-1

Tgt Ion:240 Resp: 507803

Ion	Ratio	Lower	Upper
240	100		
120	8.2	6.6	10.0
236	25.6	21.4	32.2

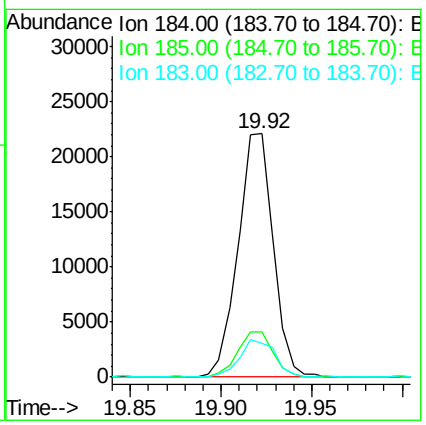


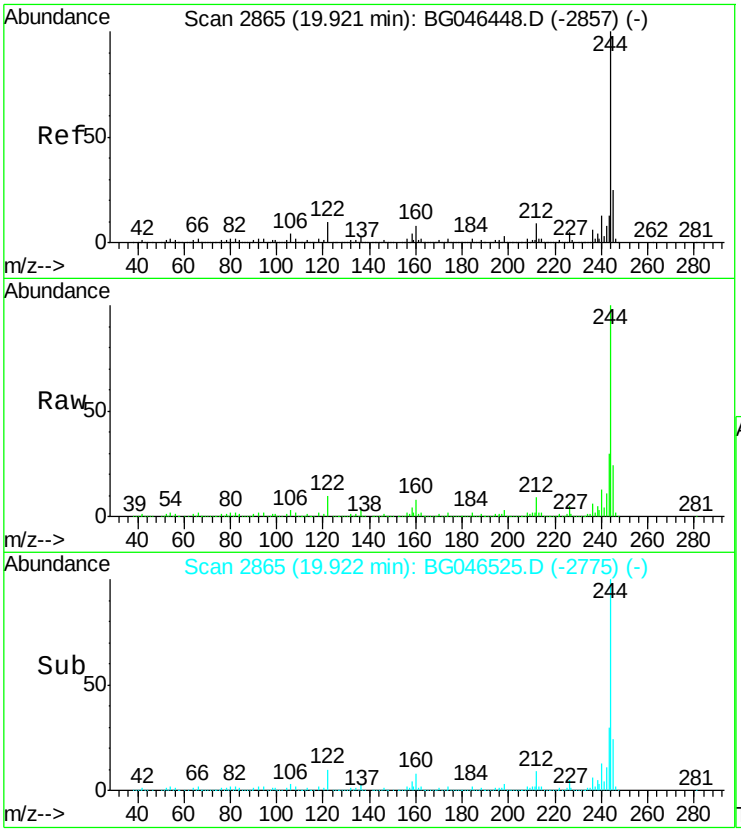


#77
Benzidine
Concen: 2.528 ng
RT: 19.92 min Scan# 2865
Delta R.T. 0.39 min
Lab File: BG046525.D
Acq: 3 Sep 2020 20:51

Tgt Ion:184 Resp: 29824

Ion	Ratio	Lower	Upper
184	100		
185	18.6	11.8	17.8#
183	13.8	10.7	16.1



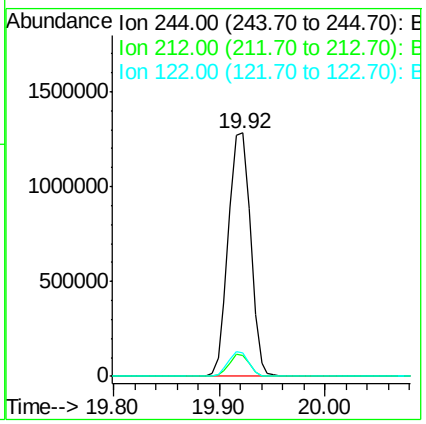


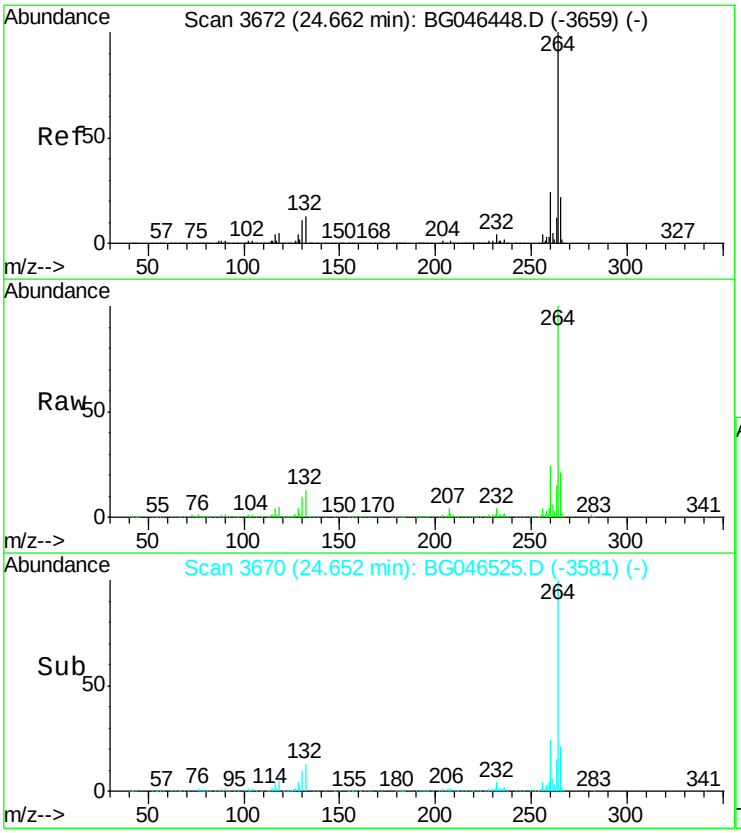
#79
Terphenyl-d14
Concen: 77.914 ng
RT: 19.92 min Scan# 2865
Delta R.T. 0.00 min
Lab File: BG046525.D
Acq: 3 Sep 2020 20:51

Instrument :
BNA_G
ClientSampleId :
TP-1

Tgt Ion:244 Resp: 1859103

Ion	Ratio	Lower	Upper
244	100		
212	8.7	6.9	10.3
122	9.8	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: BG046525.D
Acq: 3 Sep 2020 20:51

Tgt Ion:264 Resp: 496713

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.2	17.9	26.9