Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091319\
Data File : BG042821.D
Acq On : 13 Sep 2019 17:55
Operator : HP/JU
Sample : K4846-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Sep 13 22:58:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 12 14:06:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	99330	20.00	ng		0.00
21) Naphthalene-d8	10.93	136	392306	20.00	ng		0.00
39) Acenaphthene-d10	14.73	164	267625	20.00	ng		0.00
64) Phenanthrene-d10	17.48	188	589572	20.00	ng		0.00
76) Chrysene-d12	21.75	240	562065	20.00	ng		-0.01
87) Perylene-d12	25.02	264	613586	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.69	112	540077	94.53	ng		0.00
7) Phenol-d6	7.27	99	815083	99.39	ng		0.00
23) Nitrobenzene-d5	9.27	82	506022	67.15	ng		-0.01
42) 2,4,6-Tribromophenol	16.21	330	339821	95.44	ng		0.00
45) 2-Fluorobiphenyl	13.36	172	1114909	65.94	ng		0.00
79) Terphenyl-d14	20.08	244	1674062	66.01	ng		-0.01
Target Compounds							Qvalue
10) Phenol	7.30	94	33540	3.988	ng		94
19) n-Nitroso-di-n-propylamine	9.28	70	70755	11.709	ng	#	67
32) Benzoic acid	10.42	122	56	5.975	ng	#	1
50) Dimethylphthalate	14.18	163	90889	4.533	ng		99
51) 2,6-Dinitrotoluene	14.73	165	36070	8.768	ng	#	19
57) 2,4-Dinitrotoluene	14.73	165	36070	6.578	ng	#	23
67) 4-Bromophenyl-phenylether	16.21	248	24903	3.490	ng	#	1

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

Quantitation Report (Not Reviewed)

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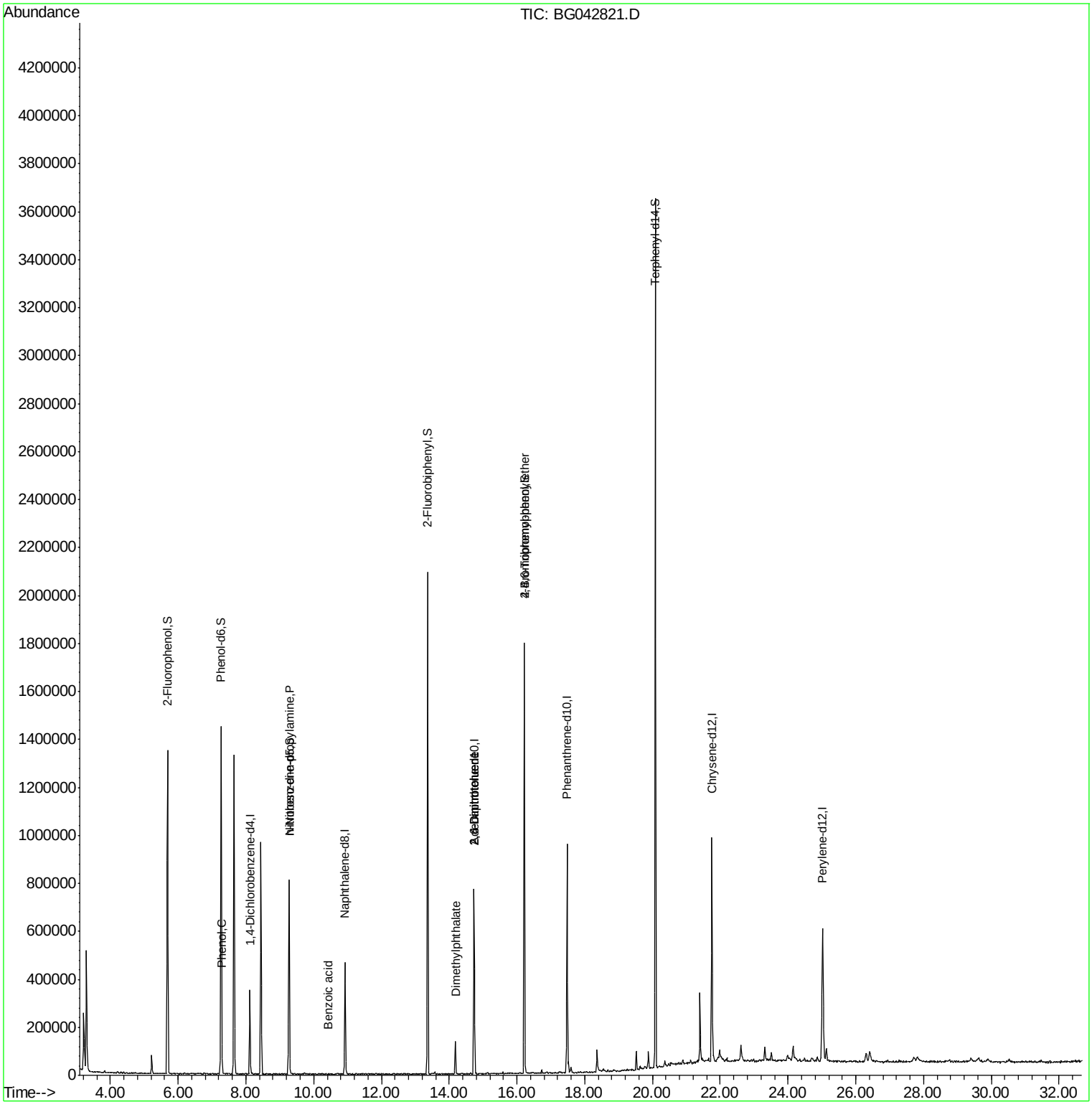
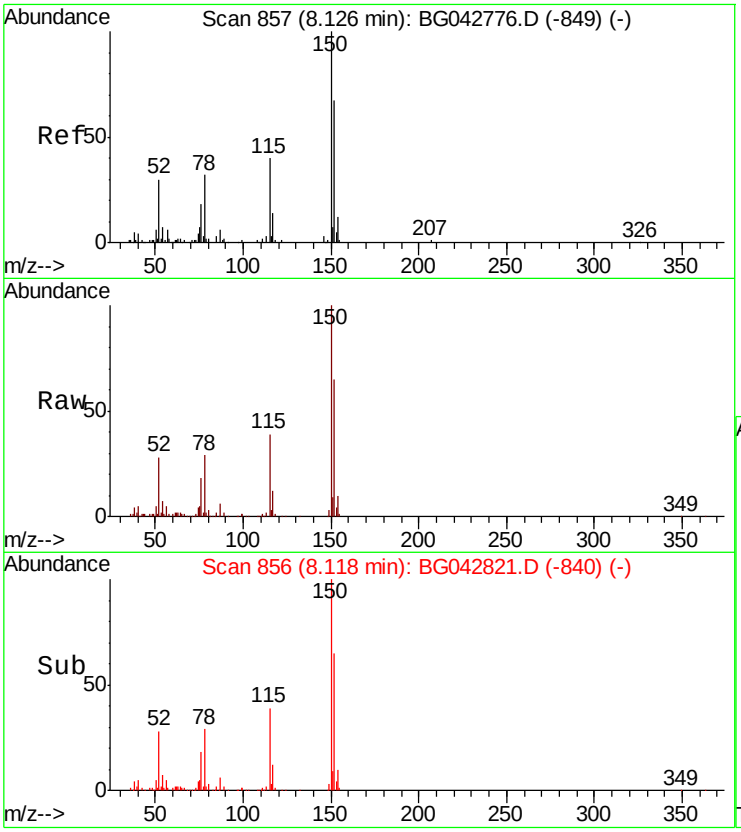
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 12 14:06:09 2019
Response via : Initial Calibration



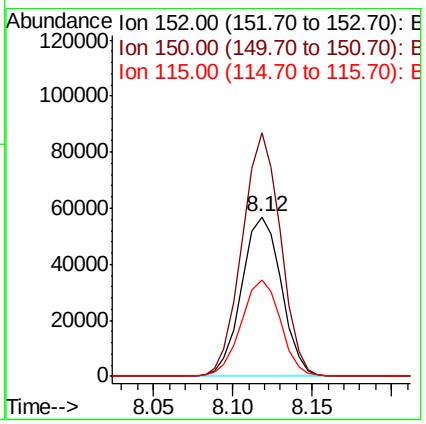


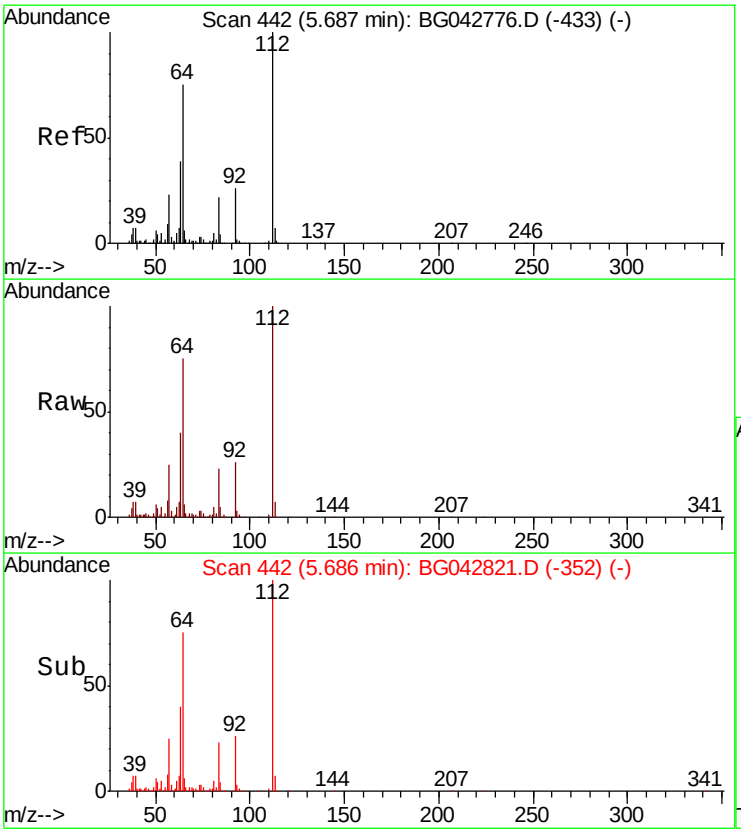
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BG042821.D
Acq: 13 Sep 2019 17:55

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 99330

Ion	Ratio	Lower	Upper
152	100		
150	152.9	118.9	178.3
115	60.2	47.4	71.2

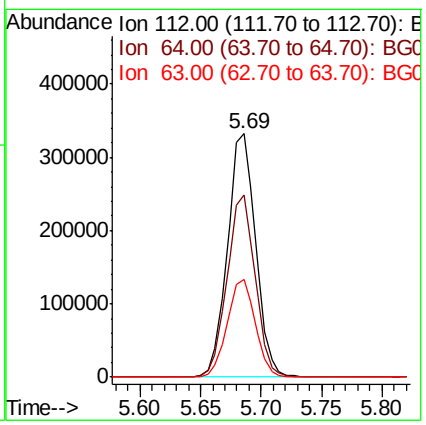


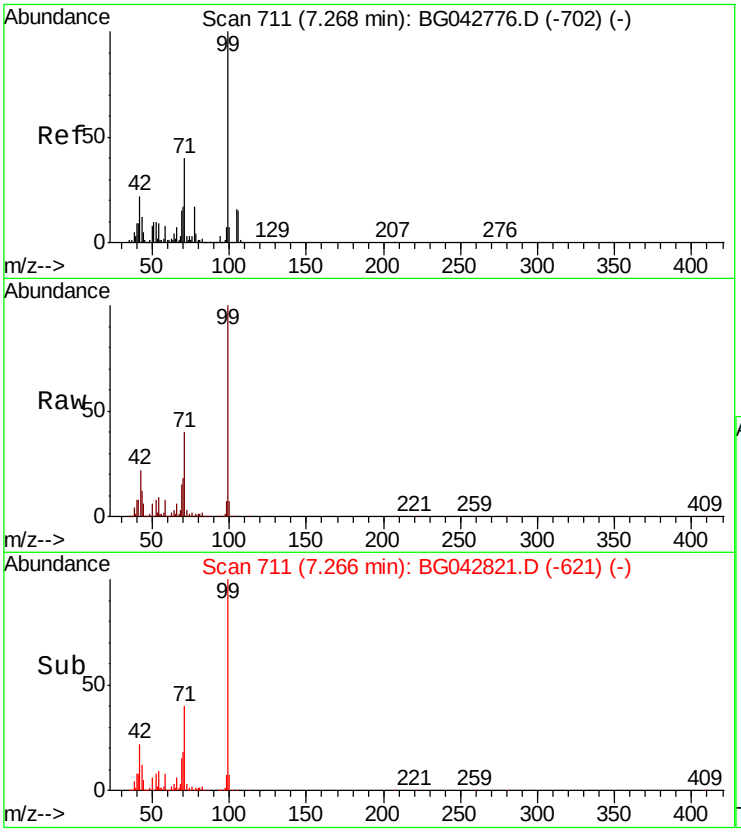


#5
2-Fluorophenol
Concen: 94.528 ng
RT: 5.69 min Scan# 442
Delta R.T. -0.00 min
Lab File: BG042821.D
Acq: 13 Sep 2019 17:55

Tgt Ion:112 Resp: 540077

Ion	Ratio	Lower	Upper
112	100		
64	75.1	60.2	90.2
63	40.4	31.2	46.8



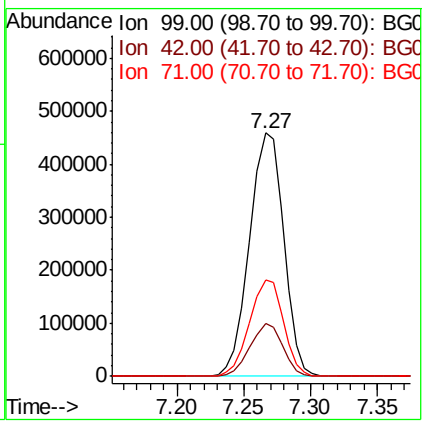


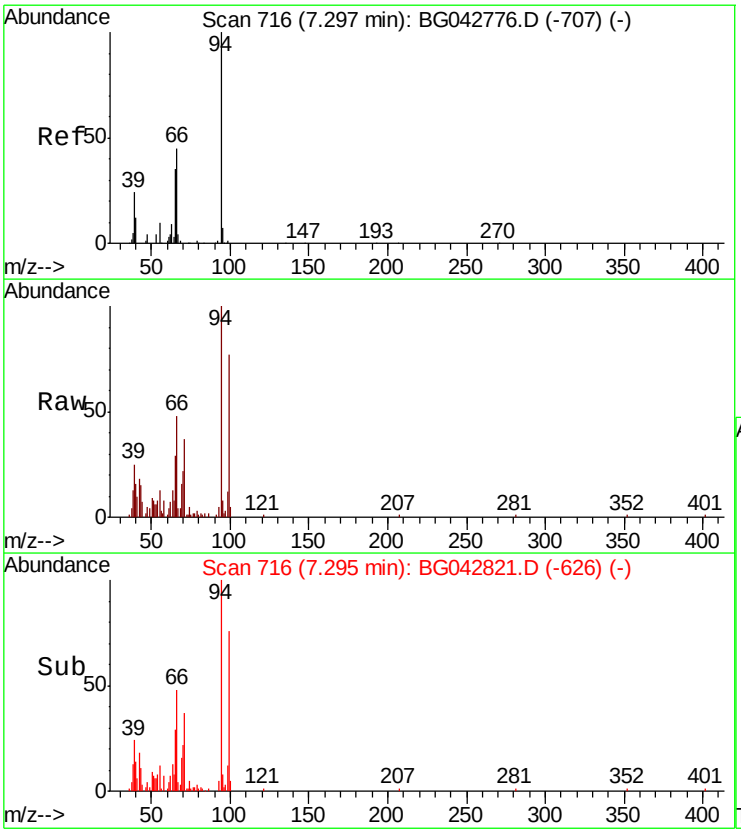
#7
Phenol-d6
Concen: 99.393 ng
RT: 7.27 min Scan# 711
Delta R.T. -0.00 min
Lab File: BG042821.D
Acq: 13 Sep 2019 17:55

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 815083

Ion	Ratio	Lower	Upper
99	100		
42	21.6	17.5	26.3
71	39.8	32.0	48.0

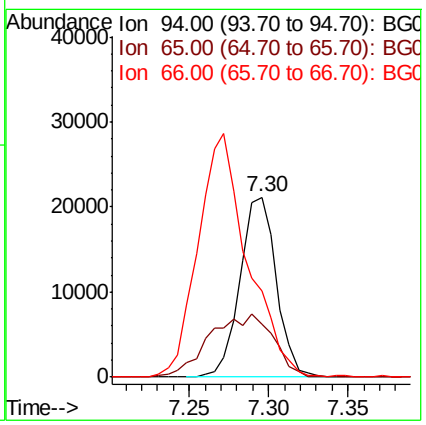


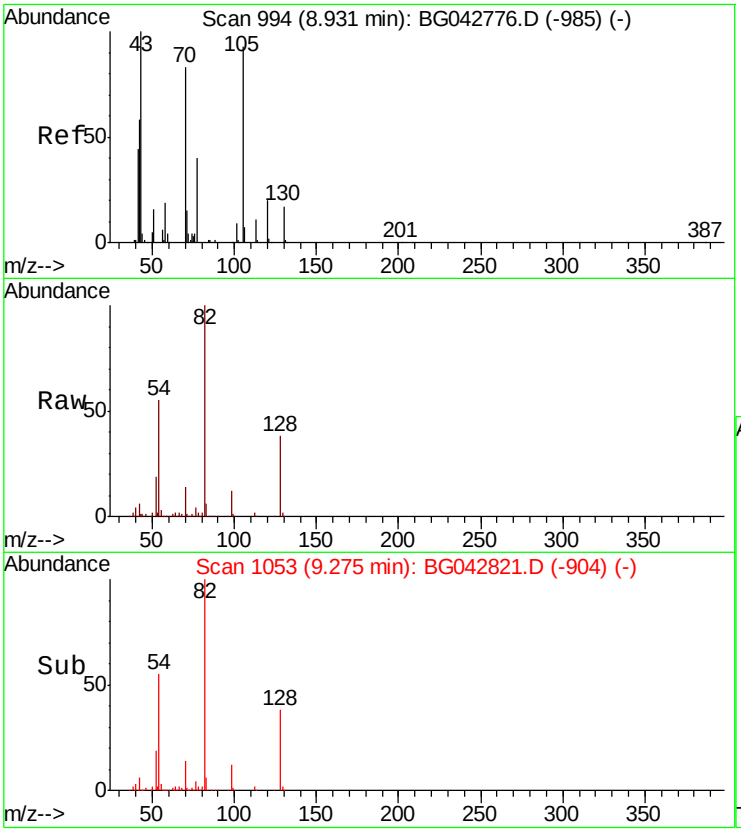


#10
Phenol
Concen: 3.988 ng
RT: 7.30 min Scan# 716
Delta R.T. -0.00 min
Lab File: BG042821.D
Acq: 13 Sep 2019 17:55

Tgt Ion: 94 Resp: 33540

Ion	Ratio	Lower	Upper
94	100		
65	29.2	15.0	55.0
66	47.8	26.1	66.1



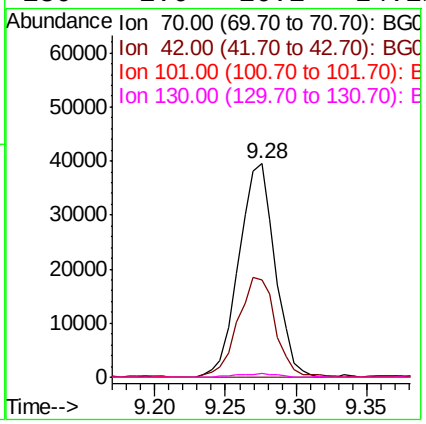


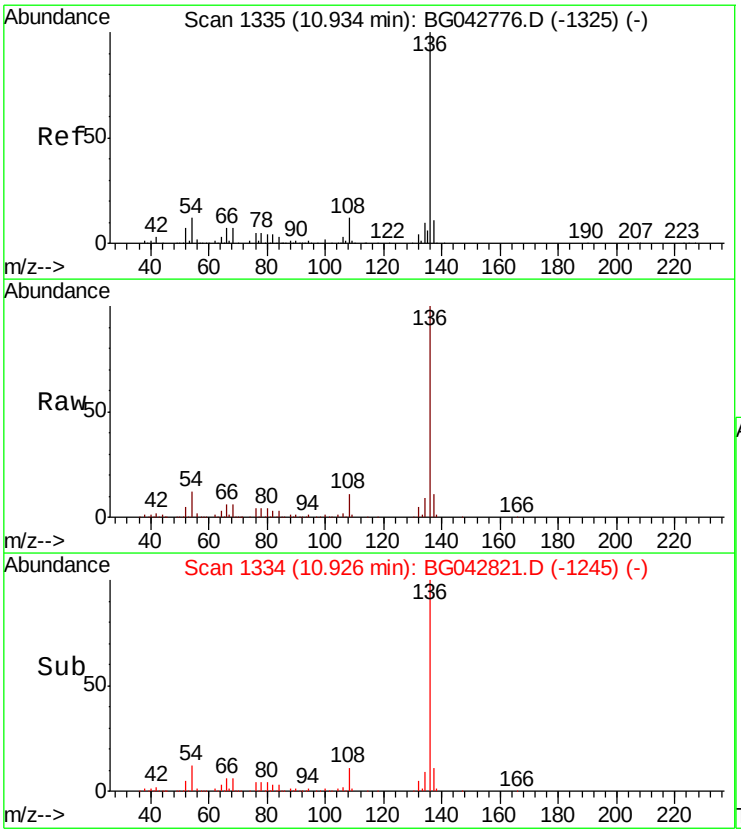
#19
n-Nitroso-di-n-propylamine
Concen: 11.709 ng
RT: 9.28 min Scan# 1053
Delta R.T. 0.34 min
Lab File: BG042821.D
Acq: 13 Sep 2019 17:55

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 70755

Ion	Ratio	Lower	Upper
70	100		
42	45.5	57.0	85.6#
101	0.0	8.4	12.6#
130	1.6	16.1	24.1#

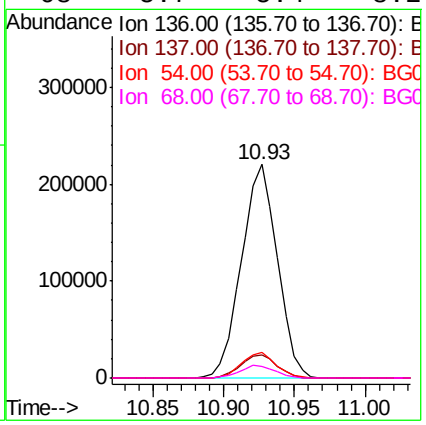


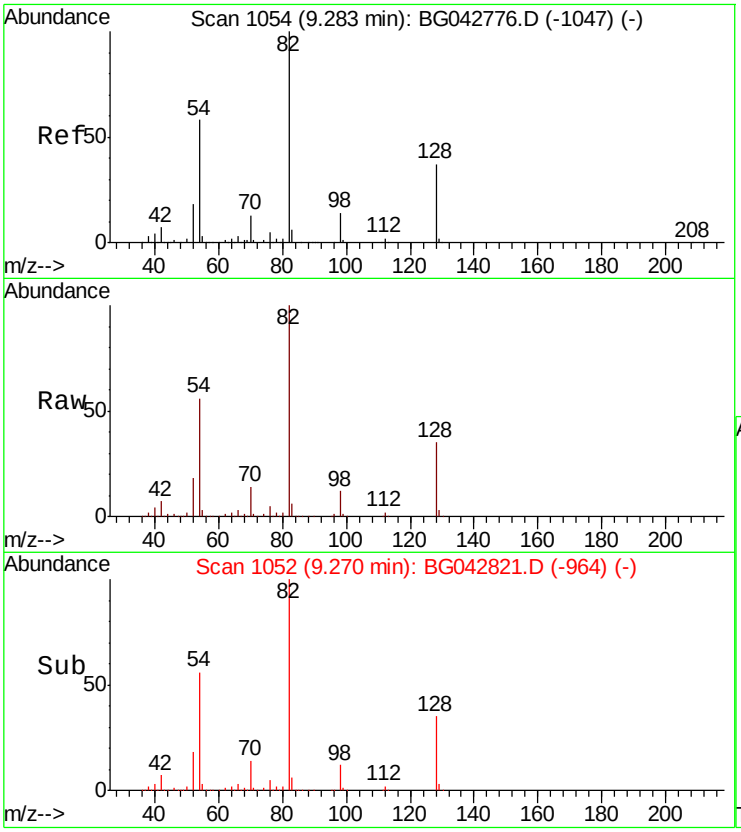


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BG042821.D
Acq: 13 Sep 2019 17:55

Tgt Ion:136 Resp: 392306

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.0	13.6
54	11.9	9.4	14.0
68	5.7	5.4	8.2



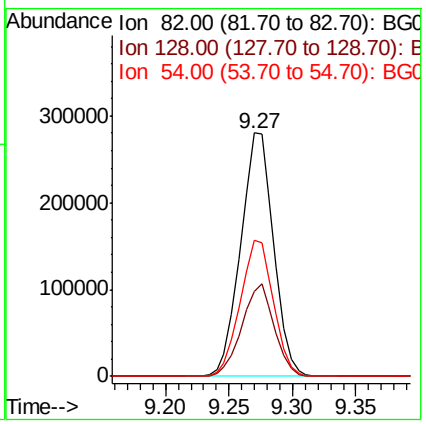


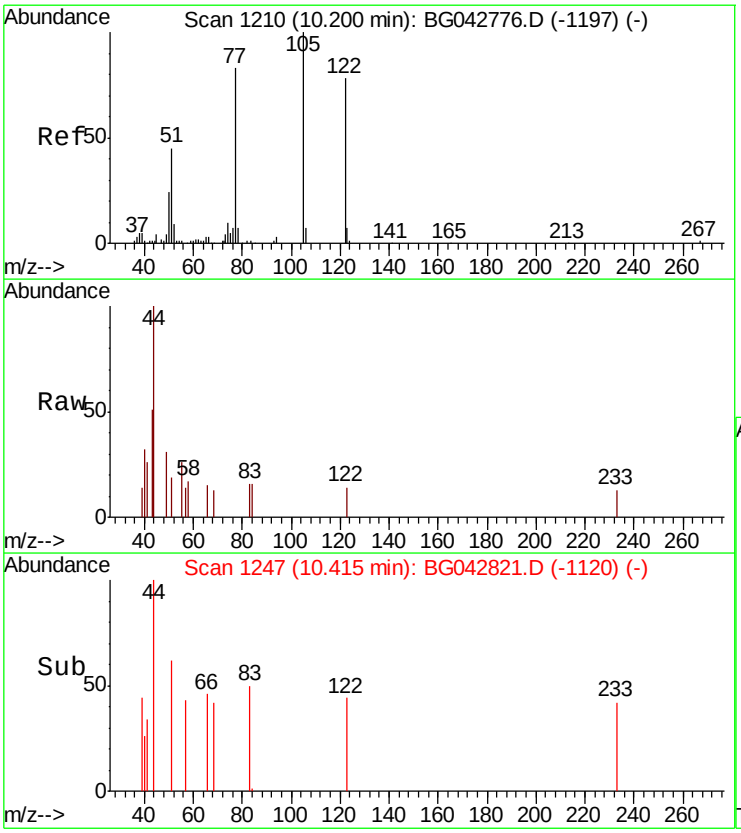
#23
Nitrobenzene-d5
Concen: 67.154 ng
RT: 9.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BG042821.D
Acq: 13 Sep 2019 17:55

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 506022

Ion	Ratio	Lower	Upper
82	100		
128	35.1	29.8	44.8
54	56.1	46.1	69.1

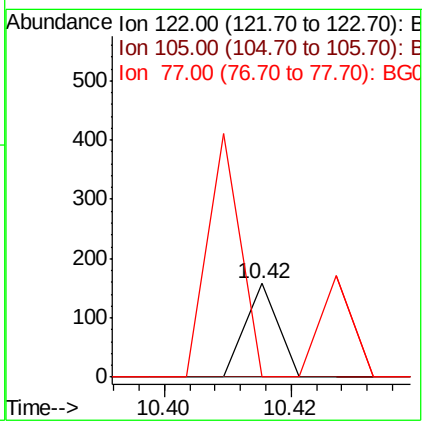


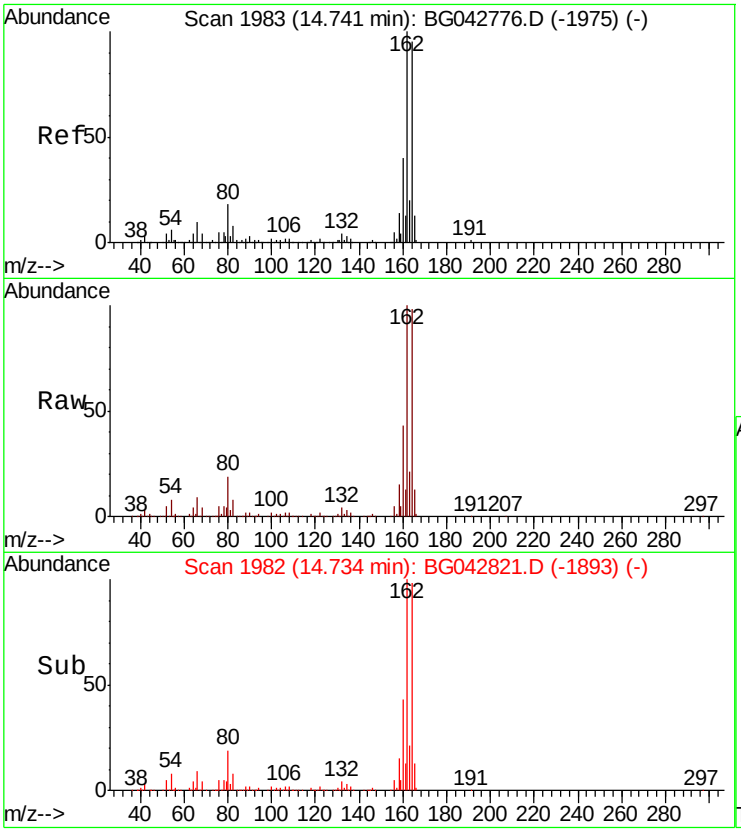


#32
Benzoic acid
Concen: 5.975 ng
RT: 10.42 min Scan# 1247
Delta R.T. 0.22 min
Lab File: BG042821.D
Acq: 13 Sep 2019 17:55

Tgt Ion:122 Resp: 56

Ion	Ratio	Lower	Upper
122	100		
105	0.0	104.0	144.0#
77	0.0	84.2	124.2#



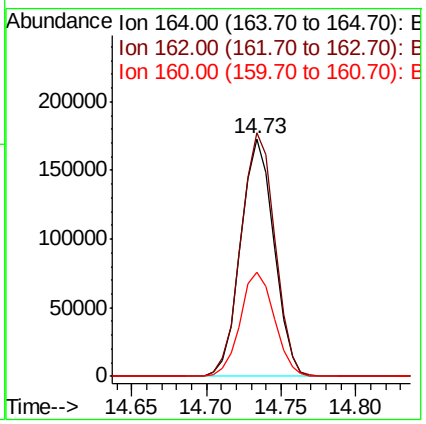


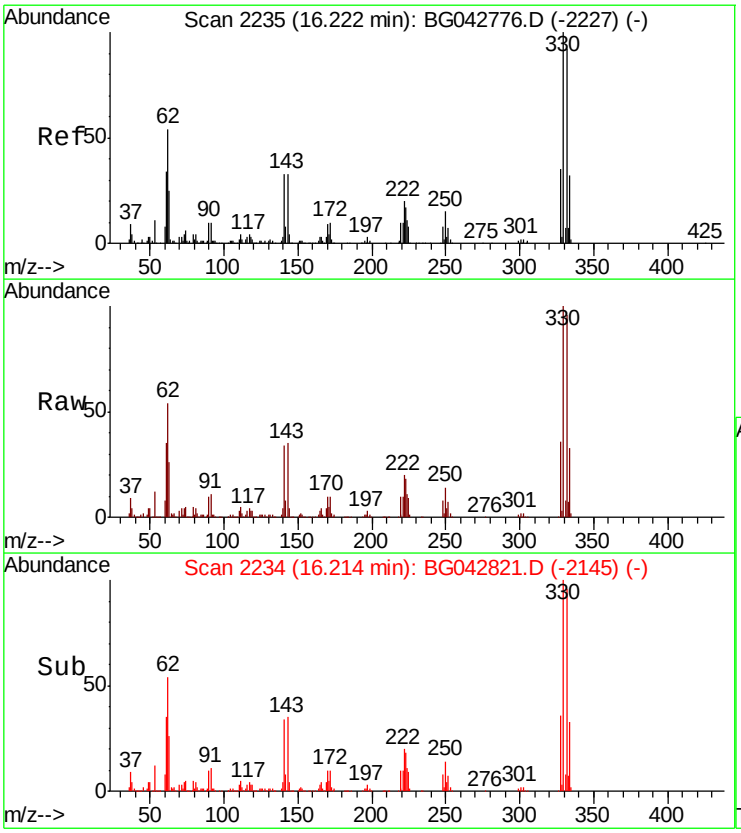
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1982
Delta R.T. -0.01 min
Lab File: BG042821.D
Acq: 13 Sep 2019 17:55

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 267625

Ion	Ratio	Lower	Upper
164	100		
162	102.4	84.6	126.8
160	43.8	34.2	51.2

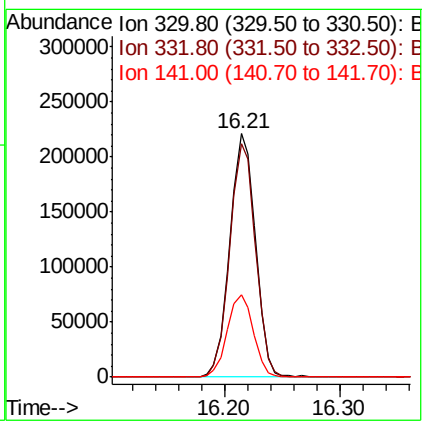


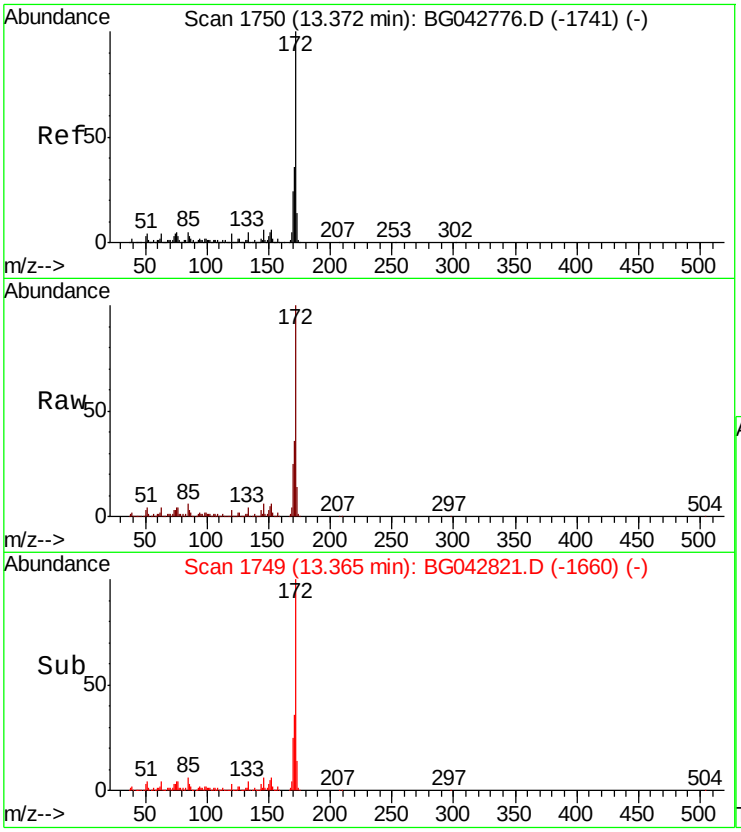


#42
2,4,6-Tribromophenol
Concen: 95.441 ng
RT: 16.21 min Scan# 2234
Delta R.T. -0.01 min
Lab File: BG042821.D
Acq: 13 Sep 2019 17:55

Tgt Ion:330 Resp: 339821

Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.7	115.1
141	34.5	27.0	40.6



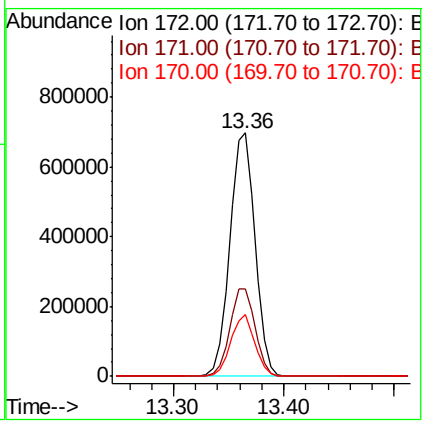


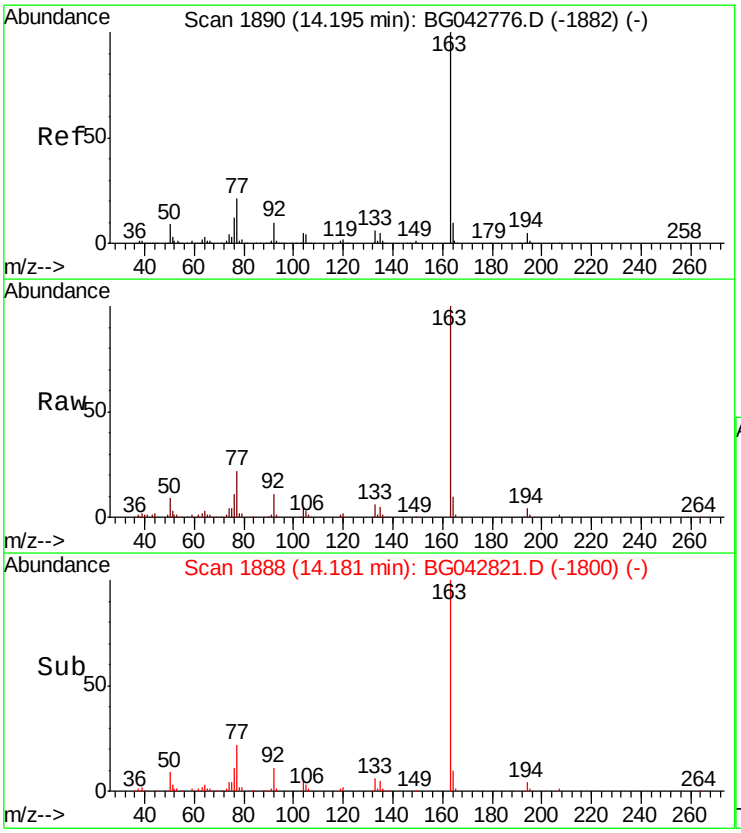
#45
2-Fluorobiphenyl
Concen: 65.944 ng
RT: 13.36 min Scan# 1749
Delta R.T. -0.01 min
Lab File: BG042821.D
Acq: 13 Sep 2019 17:55

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 1114909

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.9	43.3
170	25.4	19.1	28.7

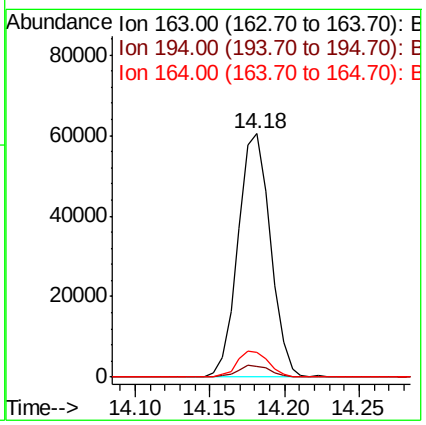


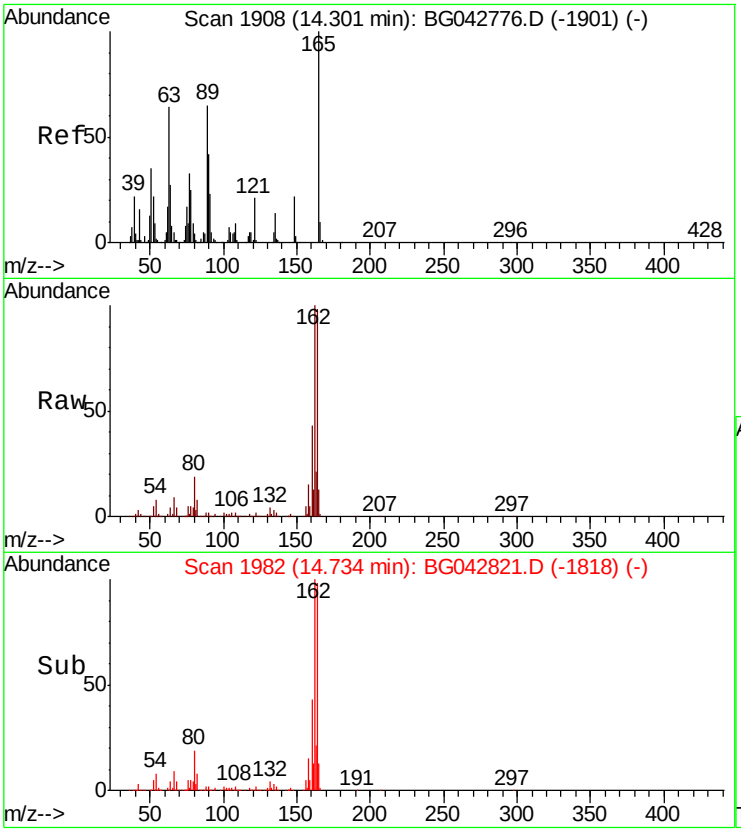


#50
Dimethylphthalate
Concen: 4.533 ng
RT: 14.18 min Scan# 1888
Delta R.T. -0.01 min
Lab File: BG042821.D
Acq: 13 Sep 2019 17:55

Tgt Ion:163 Resp: 90889

Ion	Ratio	Lower	Upper
163	100		
194	4.5	4.2	6.4
164	10.3	8.4	12.6



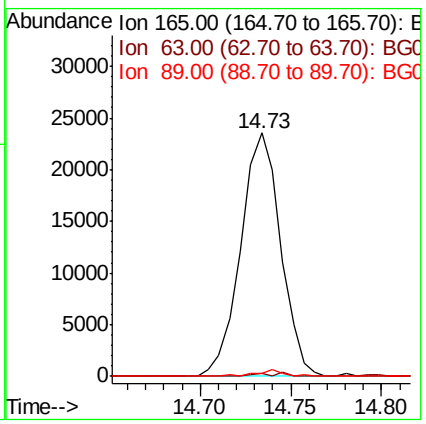


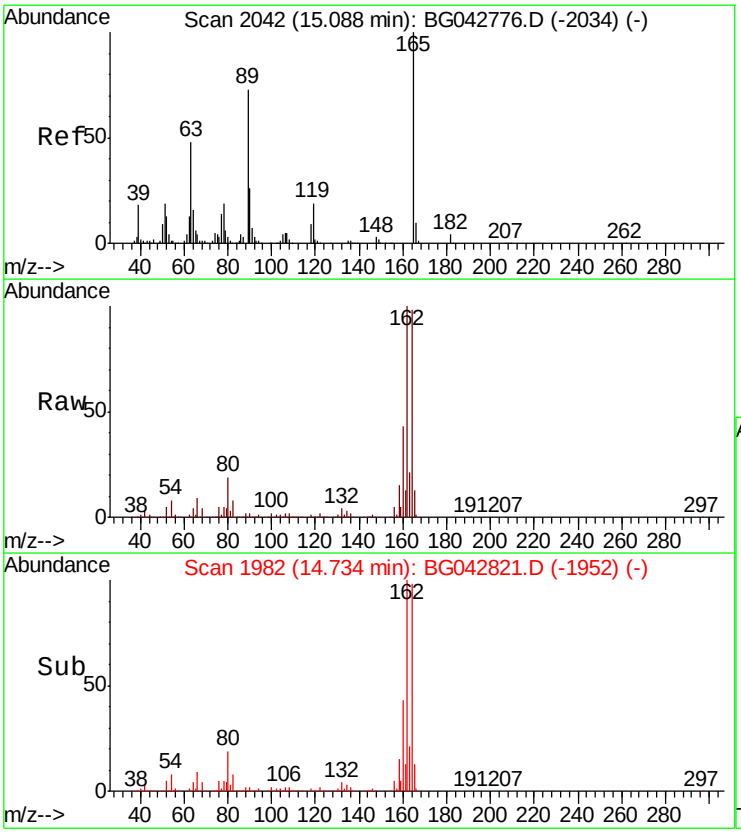
#51
2,6-Dinitrotoluene
Concen: 8.768 ng
RT: 14.73 min Scan# 1982
Delta R.T. 0.43 min
Lab File: BG042821.D
Acq: 13 Sep 2019 17:55

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 36070

Ion	Ratio	Lower	Upper
165	100		
63	1.1	52.1	78.1#
89	1.4	51.7	77.5#

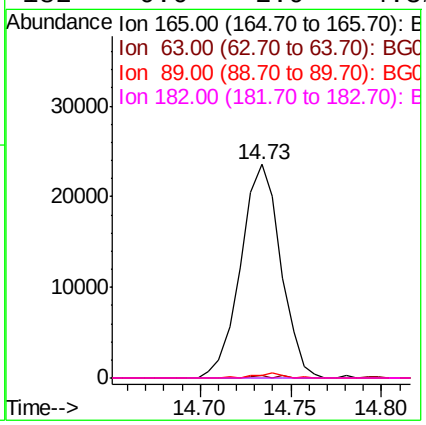


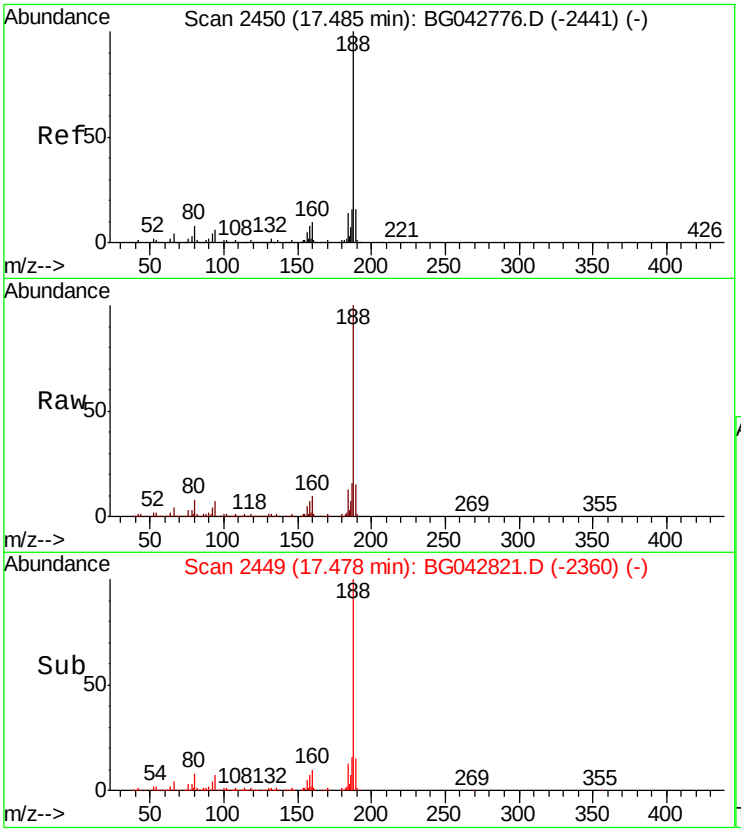


#57
2,4-Dinitrotoluene
Concen: 6.578 ng
RT: 14.73 min Scan# 1982
Delta R.T. -0.35 min
Lab File: BG042821.D
Acq: 13 Sep 2019 17:55

Tgt Ion:165 Resp: 36070

Ion	Ratio	Lower	Upper
165	100		
63	1.1	38.3	57.5#
89	1.4	58.4	87.6#
182	0.0	2.9	4.3#



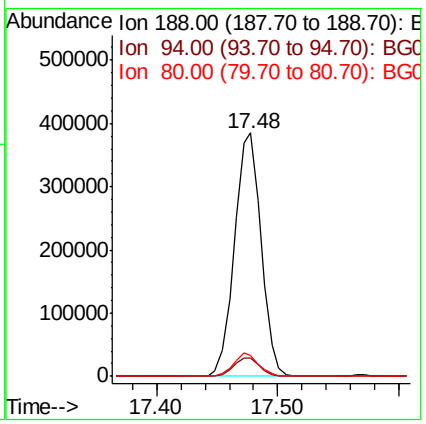


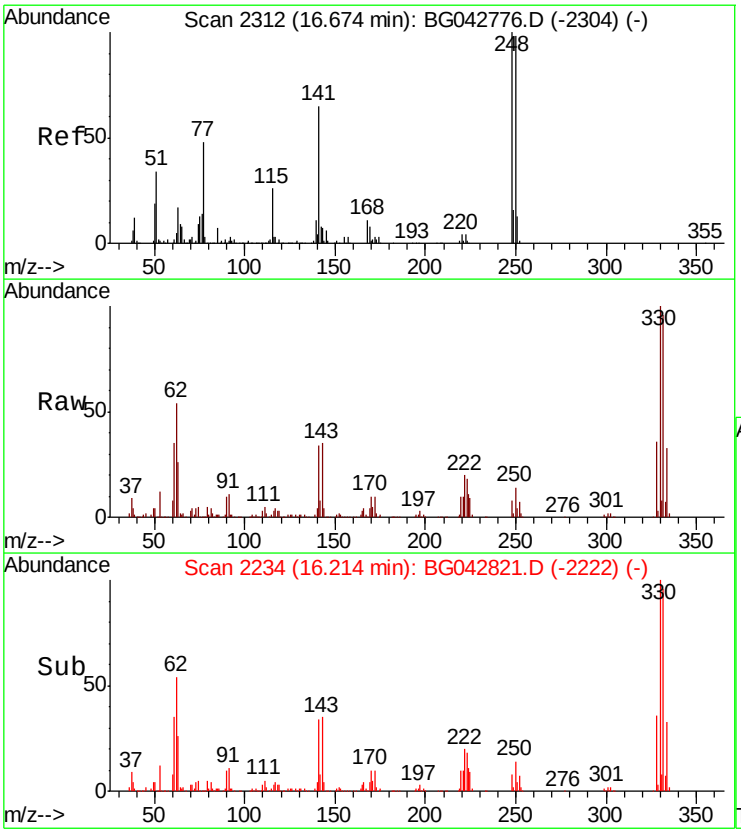
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2449
Delta R.T. -0.01 min
Lab File: BG042821.D
Acq: 13 Sep 2019 17:55

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 589572

Ion	Ratio	Lower	Upper
188	100		
94	7.5	4.8	7.2#
80	8.5	6.6	9.8

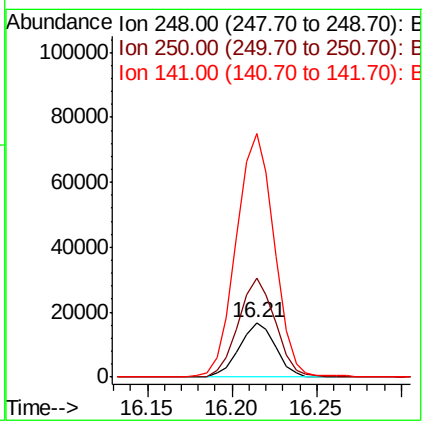


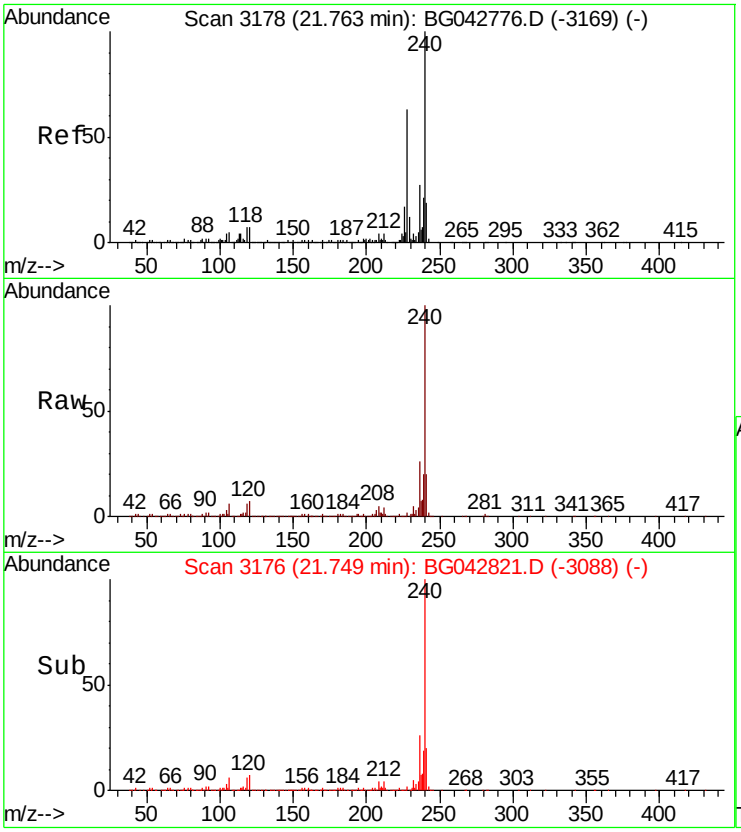


#67
4-Bromophenyl-phenylether
Concen: 3.490 ng
RT: 16.21 min Scan# 2234
Delta R.T. -0.46 min
Lab File: BG042821.D
Acq: 13 Sep 2019 17:55

Tgt Ion:248 Resp: 24903

Ion	Ratio	Lower	Upper
248	100		
250	181.3	78.0	117.0#
141	448.0	51.8	77.6#



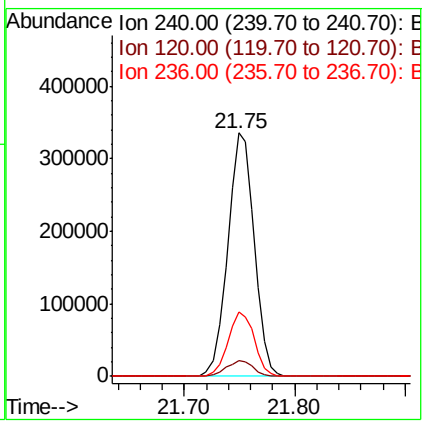


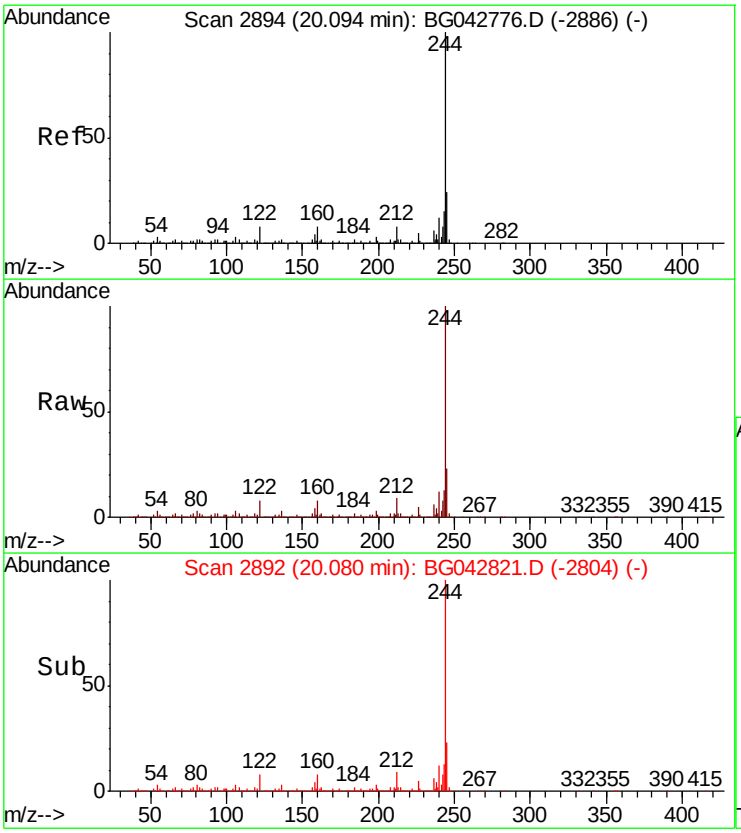
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3176
Delta R.T. -0.01 min
Lab File: BG042821.D
Acq: 13 Sep 2019 17:55

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 562065

Ion	Ratio	Lower	Upper
240	100		
120	6.6	5.4	8.2
236	26.3	21.7	32.5

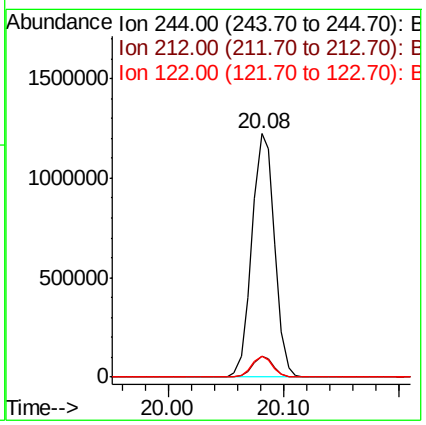


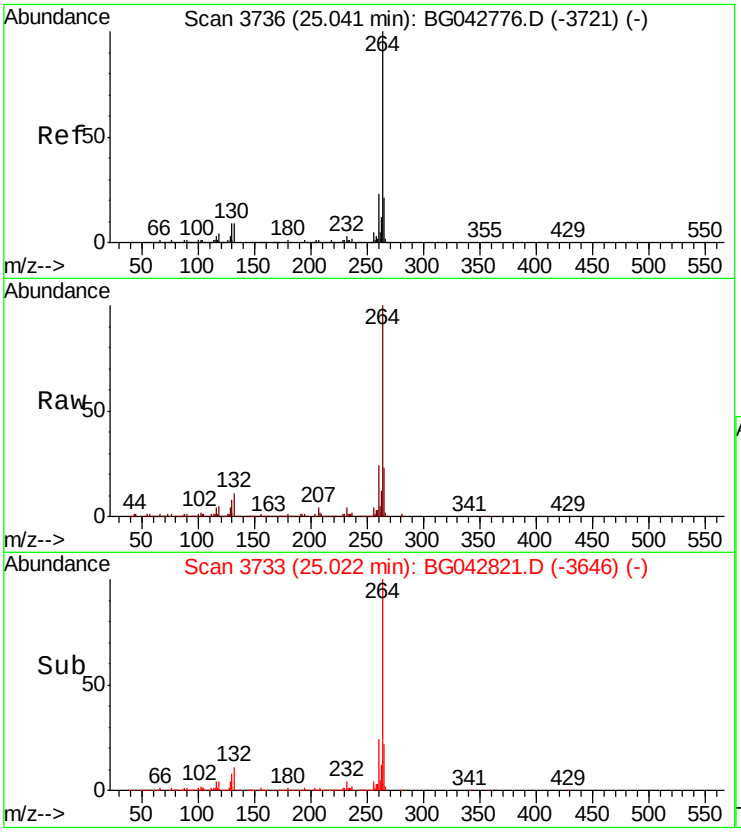


#79
Terphenyl-d14
Concen: 66.010 ng
RT: 20.08 min Scan# 2892
Delta R.T. -0.01 min
Lab File: BG042821.D
Acq: 13 Sep 2019 17:55

Tgt Ion:244 Resp: 1674062

Ion	Ratio	Lower	Upper
244	100		
212	8.6	6.6	10.0
122	8.5	6.2	9.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.02 min Scan# 3733
Delta R.T. -0.02 min
Lab File: BG042821.D
Acq: 13 Sep 2019 17:55

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 613586

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.2	27.2
265	22.6	16.9	25.3