Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031620\
Data File : BG044824.D
Acq On : 16 Mar 2020 22:15
Operator : CG/JU
Sample : L1859-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-8-SA

Quant Time: Mar 17 01:23:48 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 16 17:37:15 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	107632	20.00	ng		0.00
21) Naphthalene-d8	10.86	136	444725	20.00	ng		0.00
39) Acenaphthene-d10	14.68	164	302885	20.00	ng		0.00
64) Phenanthrene-d10	17.43	188	631949	20.00	ng		0.00
76) Chrysene-d12	21.70	240	495617	20.00	ng		0.00
87) Perylene-d12	24.92	264	557691	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	671781	97.16	ng		0.00
7) Phenol-d6	7.21	99	971218	96.68	ng		0.00
23) Nitrobenzene-d5	9.20	82	643494	63.49	ng		0.00
42) 2,4,6-Tribromophenol	16.17	330	406201	102.43	ng		0.00
45) 2-Fluorobiphenyl	13.31	172	1362520	64.42	ng		0.00
79) Terphenyl-d14	20.04	244	1792491	67.65	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	7.17	77	309	Below Cal		#	43
19) n-Nitroso-di-n-propylamine	9.20	70	87342	12.31	ng	#	72
26) 2-Nitrophenol	9.72	139	56	5.53	ng	#	28
31) Naphthalene	10.91	128	106195	4.31	ng		96
32) Benzoic acid	10.16	122	62	9.68	ng	#	1
50) Dimethylphthalate	14.13	163	117639	4.88	ng		96
54) 2,4-Dinitrophenol	14.47	184	56	8.34	ng	#	21
57) 2,4-Dinitrotoluene	14.68	165	39547	5.93	ng	#	22
65) 4,6-Dinitro-2-methylphenol	15.79	198	125	7.76	ng	#	40
67) 4-Bromophenyl-phenylether	16.17	248	27621	3.50	ng	#	1

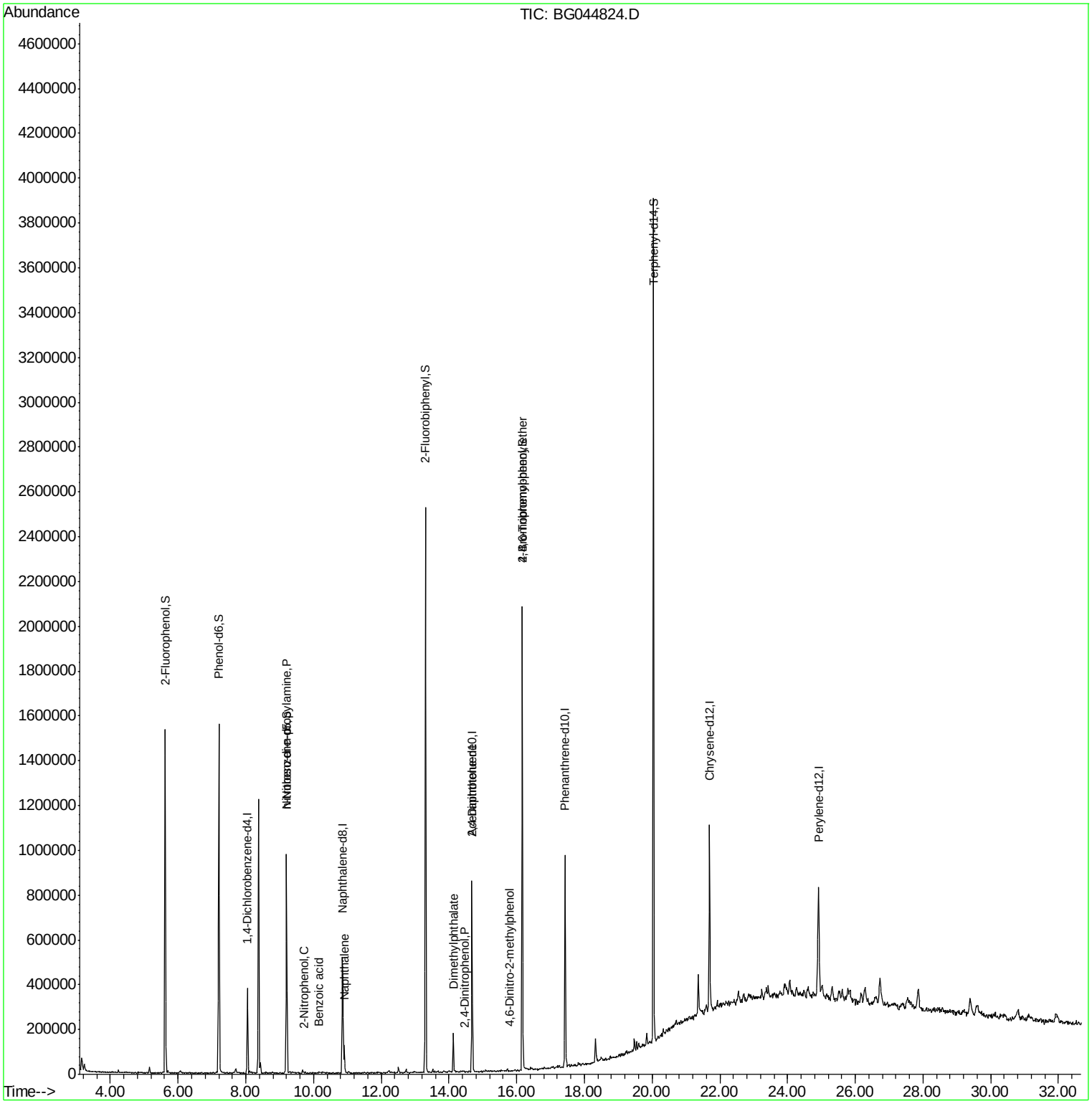
(#) = qualifier out of range (m) = manual integration (+) = signals summed

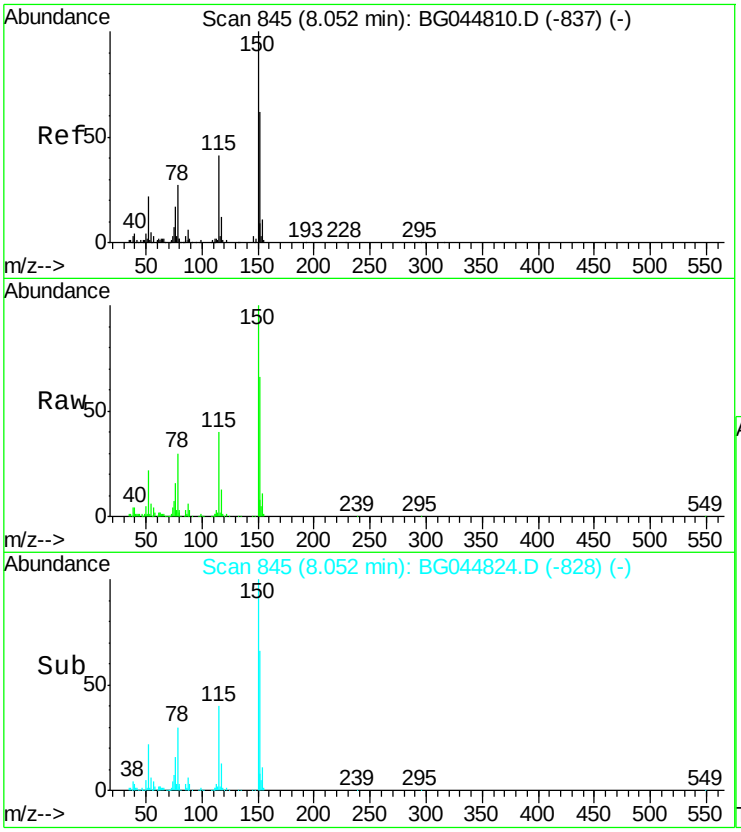
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031620\
Data File : BG044824.D
Acq On : 16 Mar 2020 22:15
Operator : CG/JU
Sample : L1859-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-8-SA

Quant Time: Mar 17 01:23:48 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 16 17:37:15 2020
Response via : Initial Calibration



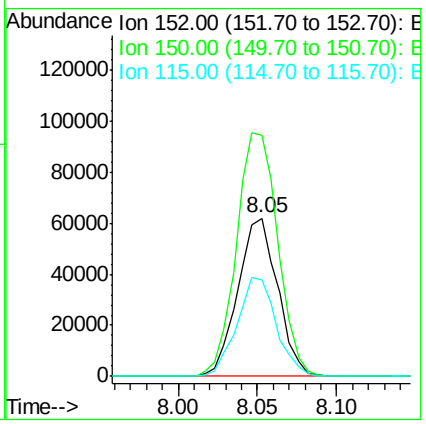


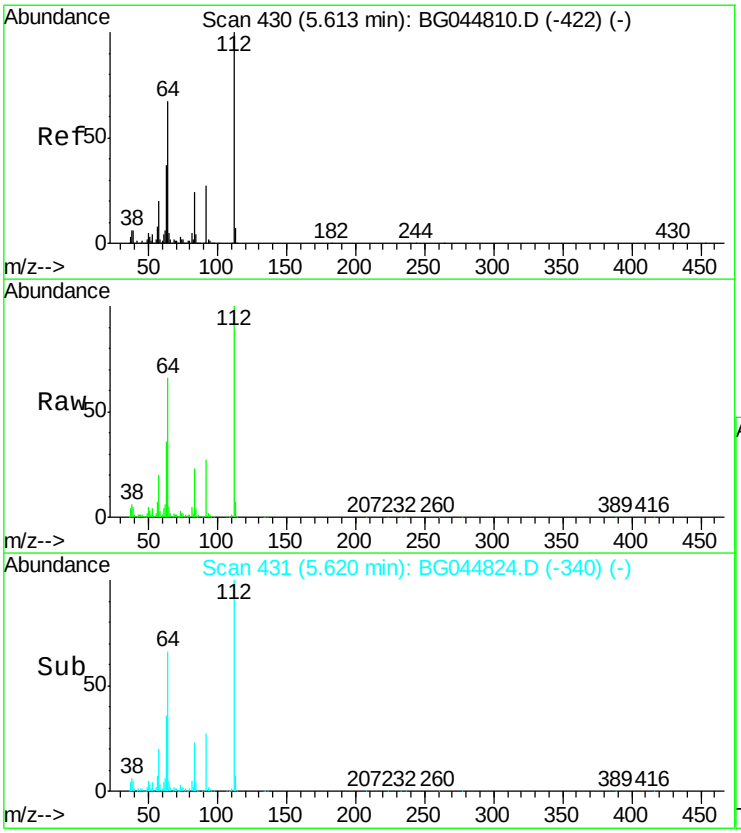
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.05 min Scan# 845
Delta R.T. 0.00 min
Lab File: BG044824.D
Acq: 16 Mar 2020 22:15

Instrument :
BNA_G
ClientSampleId :
TP-8-SA

Tgt Ion:152 Resp: 107632

Ion	Ratio	Lower	Upper
152	100		
150	152.5	128.8	193.2
115	61.0	52.6	79.0

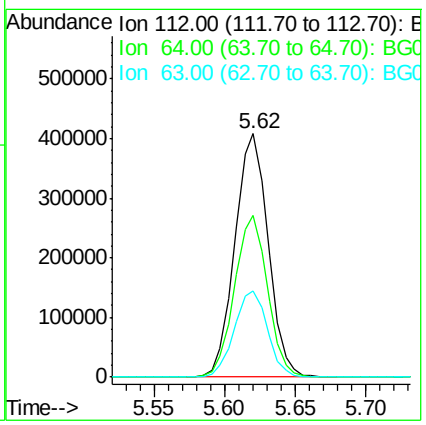


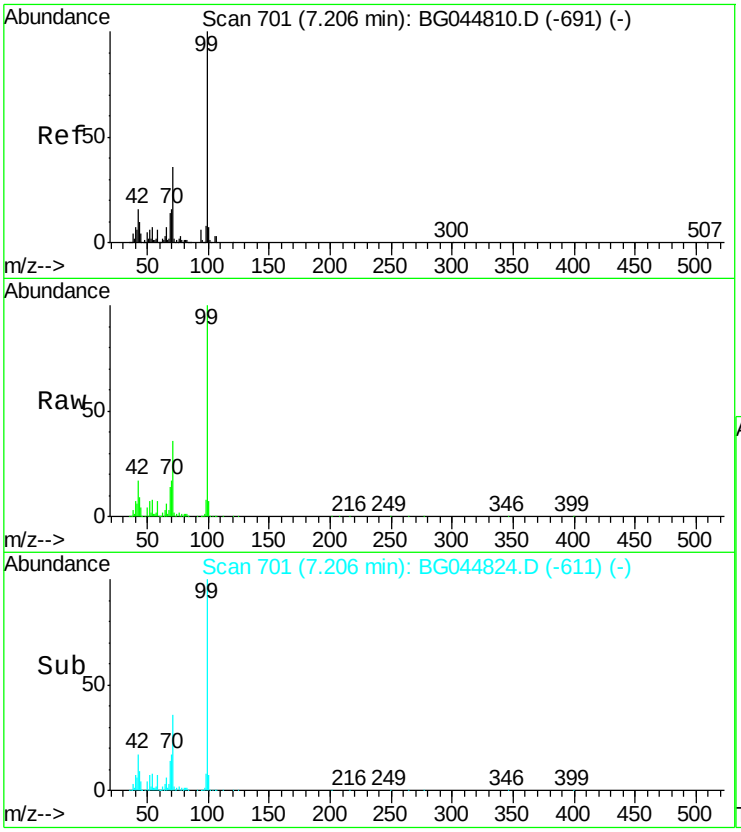


#5
2-Fluorophenol
Concen: 97.16 ng
RT: 5.62 min Scan# 431
Delta R.T. 0.01 min
Lab File: BG044824.D
Acq: 16 Mar 2020 22:15

Tgt Ion:112 Resp: 671781

Ion	Ratio	Lower	Upper
112	100		
64	66.4	53.4	80.2
63	35.5	29.4	44.2



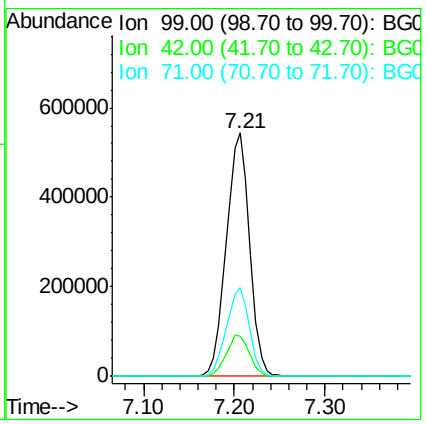


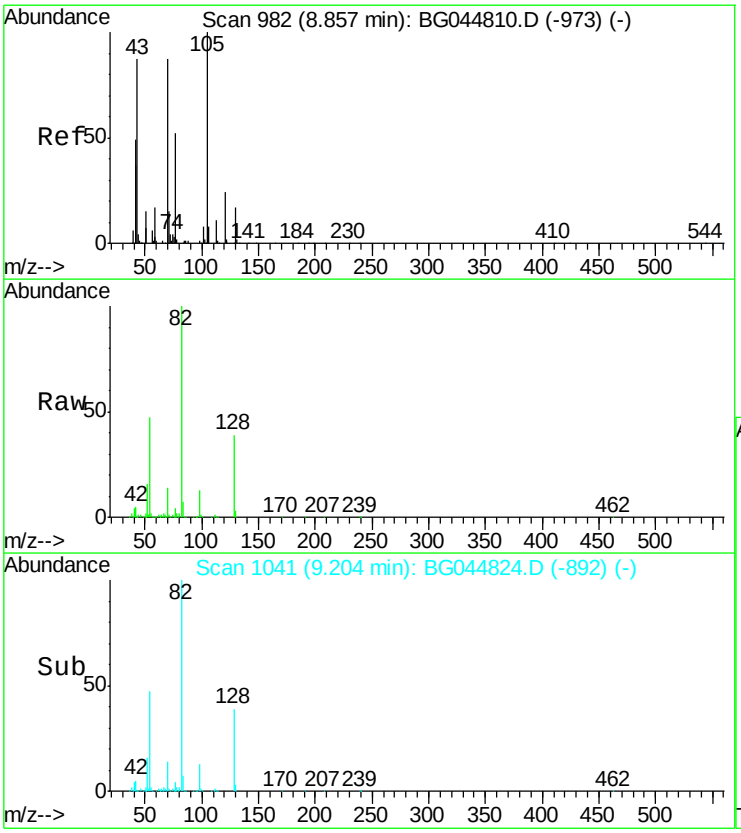
#7
Phenol-d6
Concen: 96.68 ng
RT: 7.21 min Scan# 701
Delta R.T. 0.00 min
Lab File: BG044824.D
Acq: 16 Mar 2020 22:15

Instrument :
BNA_G
ClientSampleId :
TP-8-SA

Tgt Ion: 99 Resp: 971218

Ion	Ratio	Lower	Upper
99	100		
42	16.6	12.6	19.0
71	36.4	29.0	43.4

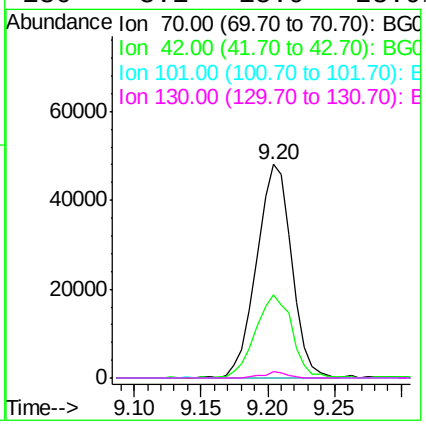


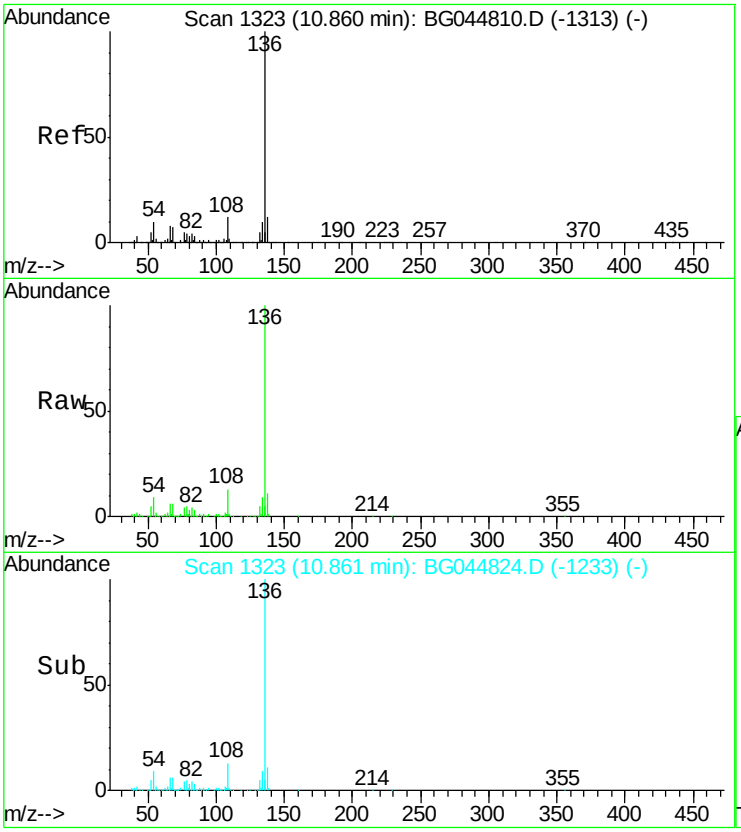


#19
n-Nitroso-di-n-propylamine
Concen: 12.31 ng
RT: 9.20 min Scan# 1041
Delta R.T. 0.35 min
Lab File: BG044824.D
Acq: 16 Mar 2020 22:15

Tgt Ion: 70 Resp: 87342

Ion	Ratio	Lower	Upper
70	100		
42	38.8	45.7	68.5#
101	0.0	7.4	11.2#
130	3.1	15.9	23.9#



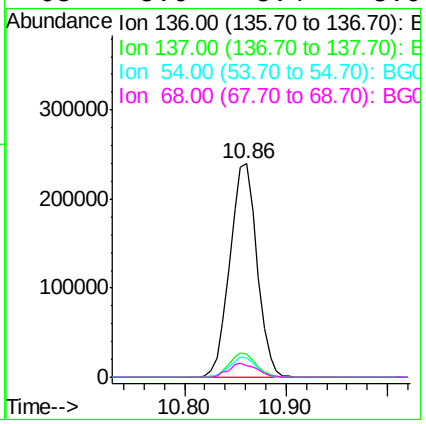


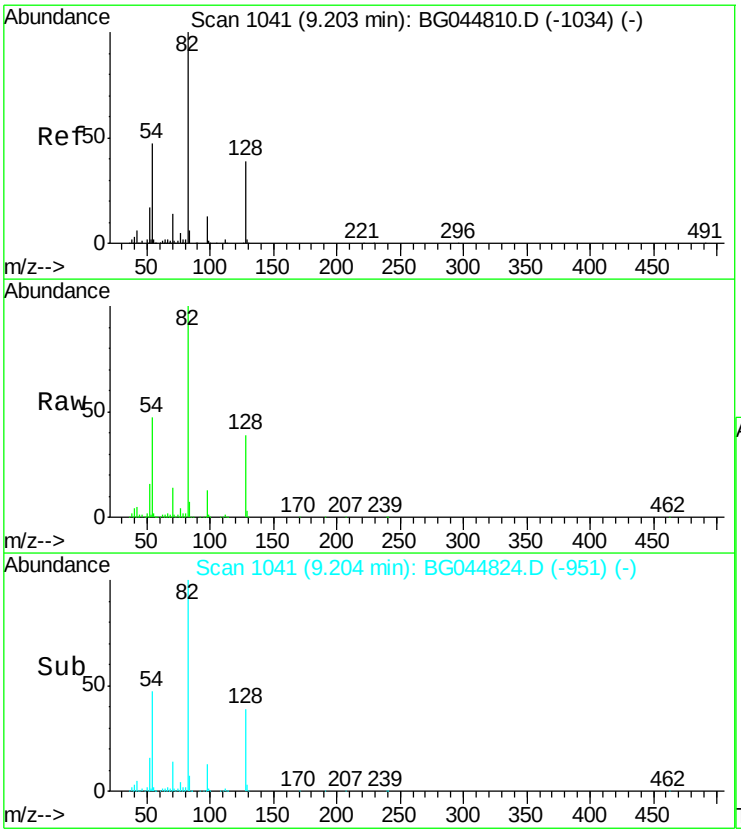
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.86 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BG044824.D
Acq: 16 Mar 2020 22:15

Instrument :
BNA_G
ClientSampleId :
TP-8-SA

Tgt Ion:136 Resp: 444725

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.8	14.6
54	9.0	7.9	11.9
68	5.6	5.4	8.0

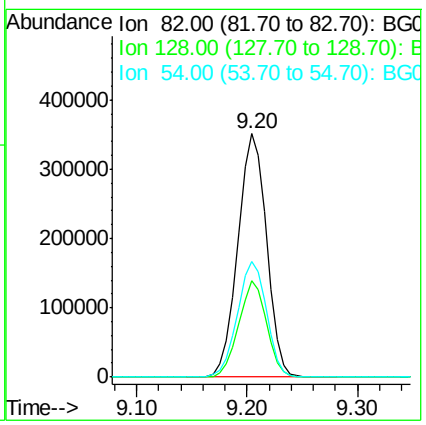


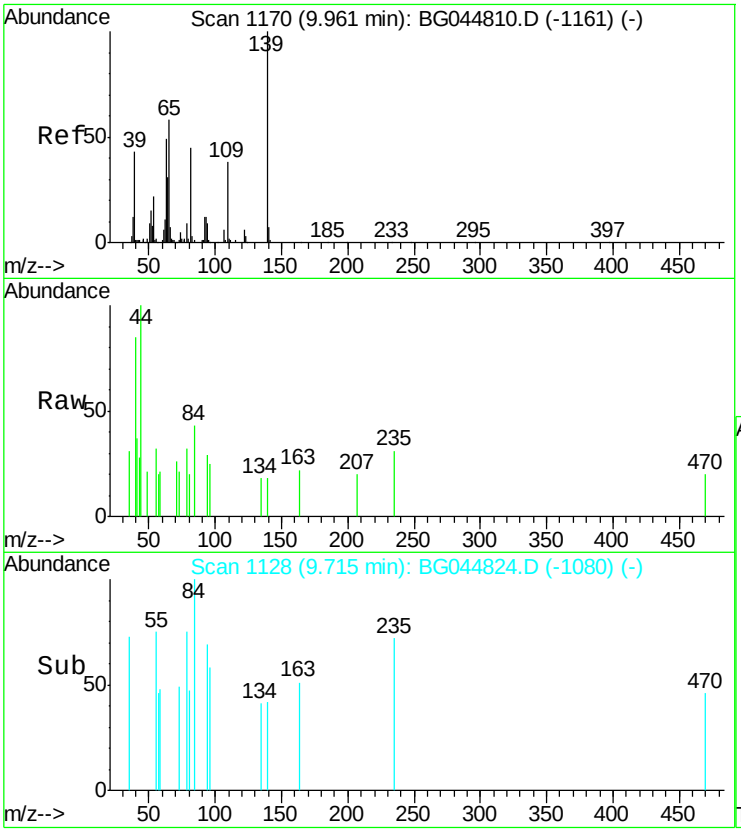


#23
Nitrobenzene-d5
Concen: 63.49 ng
RT: 9.20 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BG044824.D
Acq: 16 Mar 2020 22:15

Tgt Ion: 82 Resp: 643494

Ion	Ratio	Lower	Upper
82	100		
128	39.5	30.6	46.0
54	47.5	37.1	55.7



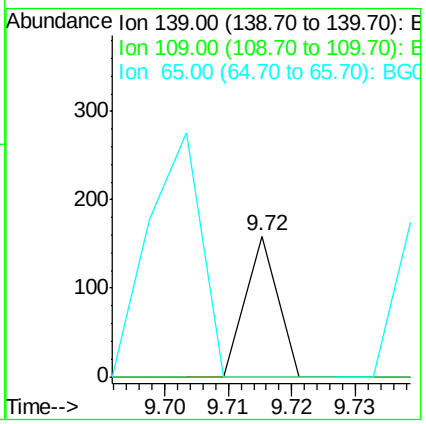


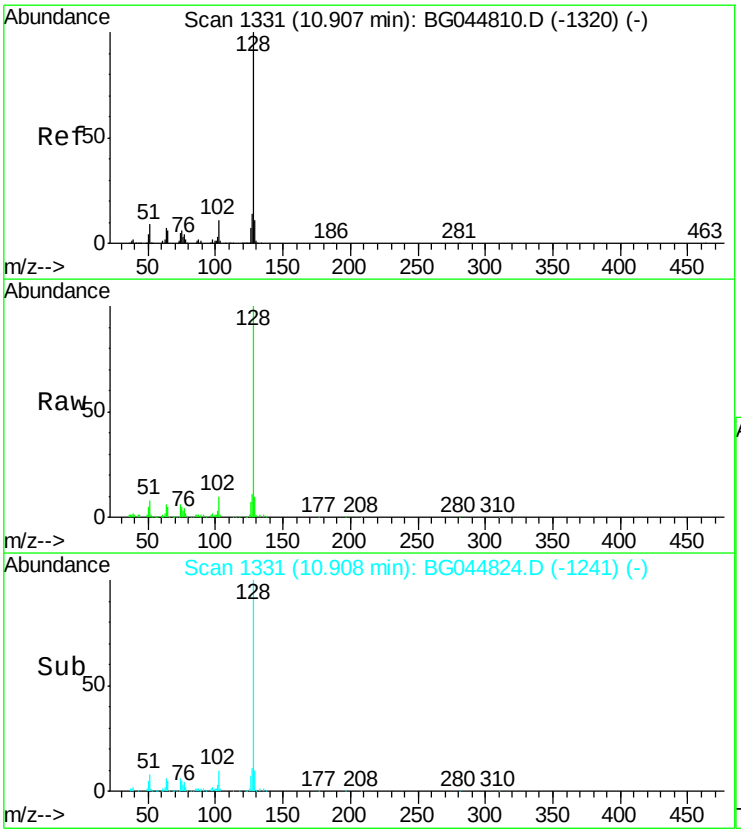
#26
2-Nitrophenol
Concen: 5.53 ng
RT: 9.72 min Scan# 1128
Delta R.T. -0.25 min
Lab File: BG044824.D
Acq: 16 Mar 2020 22:15

Instrument :
BNA_G
ClientSampleId :
TP-8-SA

Tgt Ion:139 Resp: 56

Ion	Ratio	Lower	Upper
139	100		
109	0.0	30.2	45.4#
65	0.0	46.3	69.5#

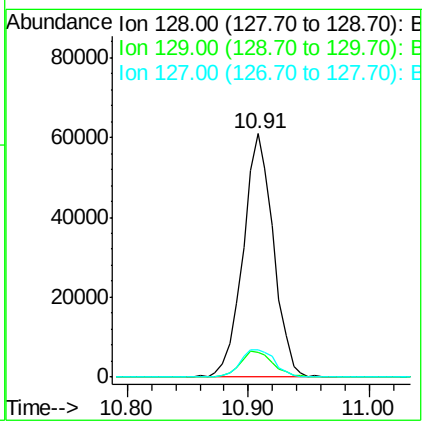


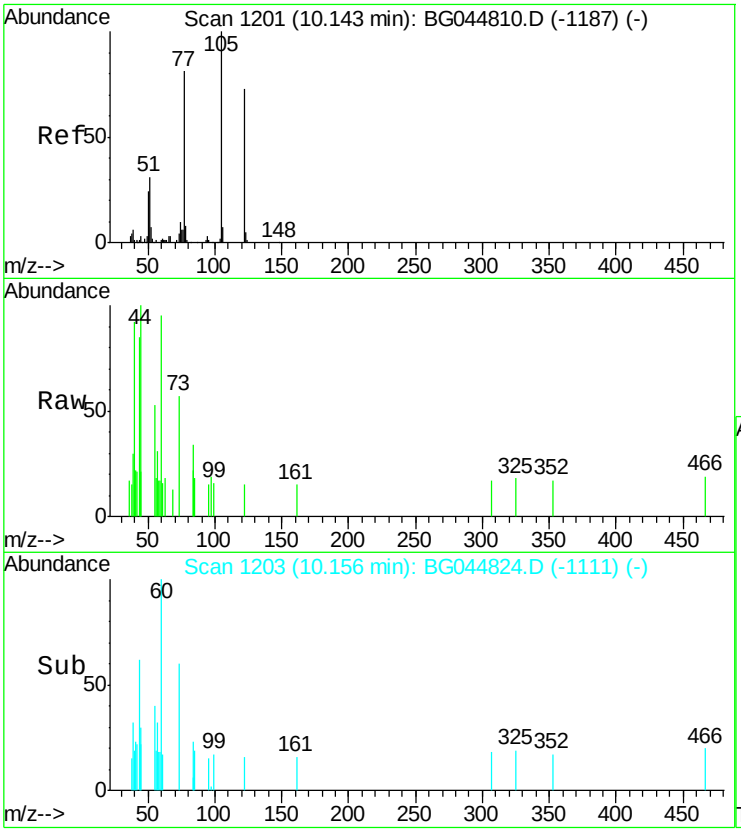


#31
Naphthalene
Concen: 4.31 ng
RT: 10.91 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BG044824.D
Acq: 16 Mar 2020 22:15

Tgt Ion:128 Resp: 106195

Ion	Ratio	Lower	Upper
128	100		
129	10.3	9.0	13.4
127	11.3	10.8	16.2



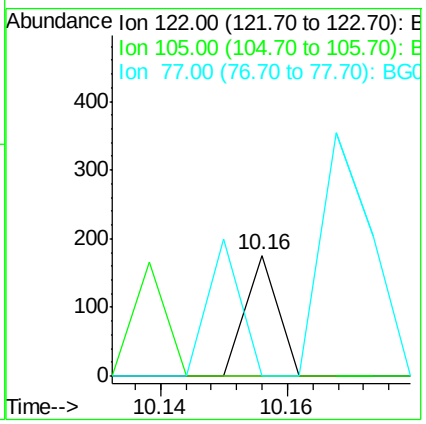


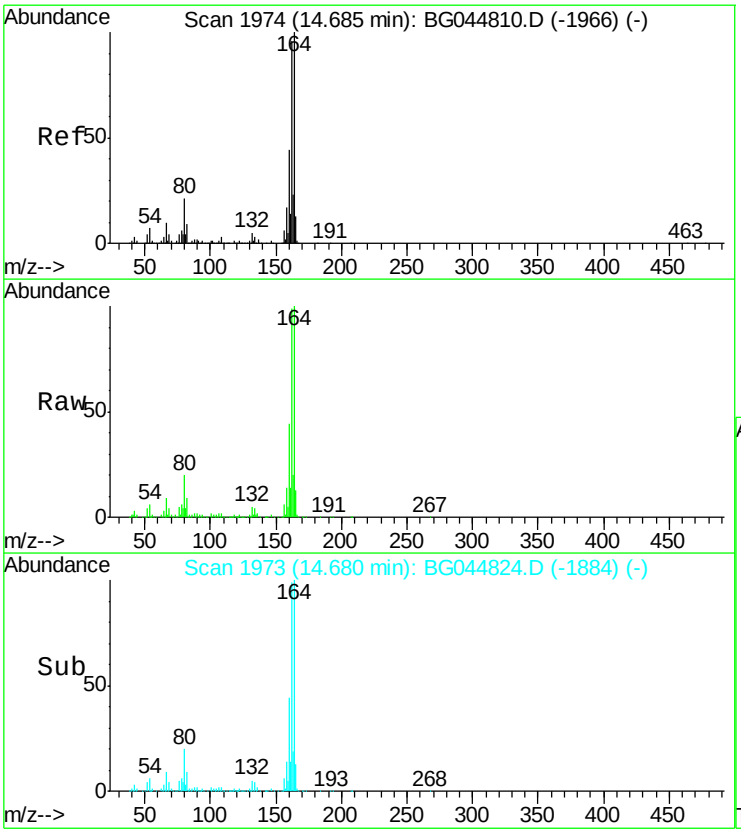
#32
Benzoic acid
Concen: 9.68 ng
RT: 10.16 min Scan# 1203
Delta R.T. 0.01 min
Lab File: BG044824.D
Acq: 16 Mar 2020 22:15

Instrument :
BNA_G
ClientSampleId :
TP-8-SA

Tgt Ion:122 Resp: 62

Ion	Ratio	Lower	Upper
122	100		
105	0.0	109.1	149.1#
77	0.0	85.3	125.3#

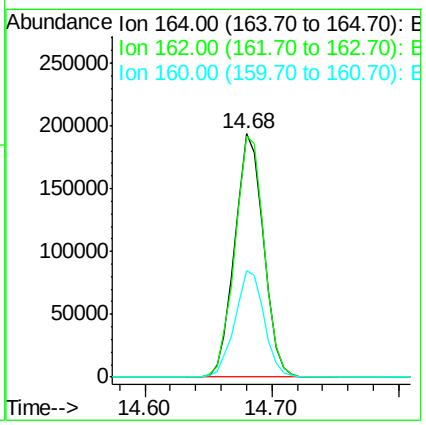


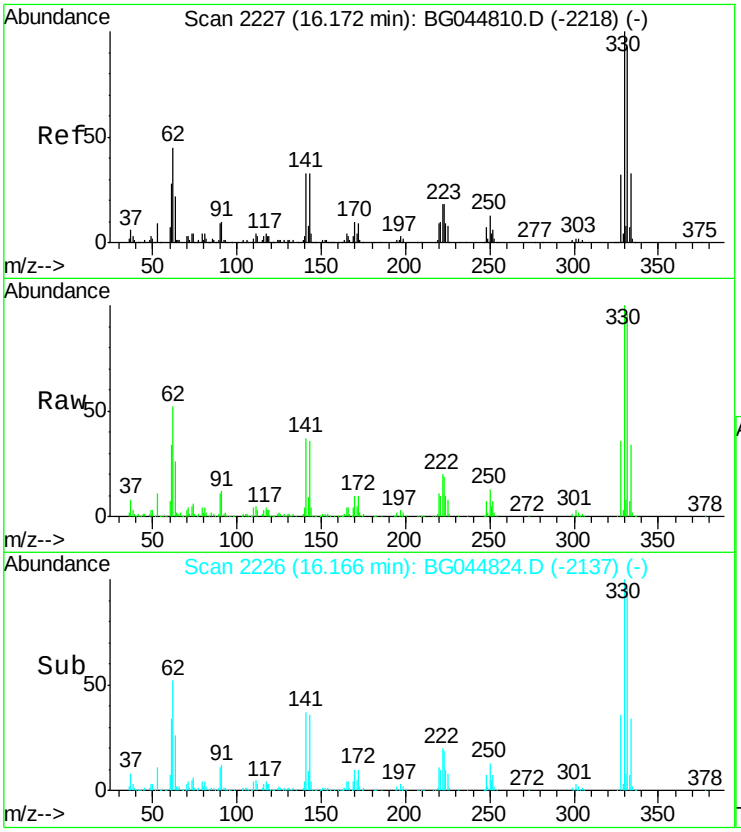


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.01 min
Lab File: BG044824.D
Acq: 16 Mar 2020 22:15

Tgt Ion:164 Resp: 302885

Ion	Ratio	Lower	Upper
164	100		
162	98.9	76.7	115.1
160	43.8	35.0	52.4



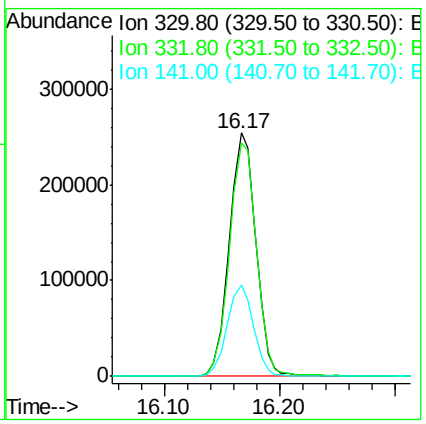


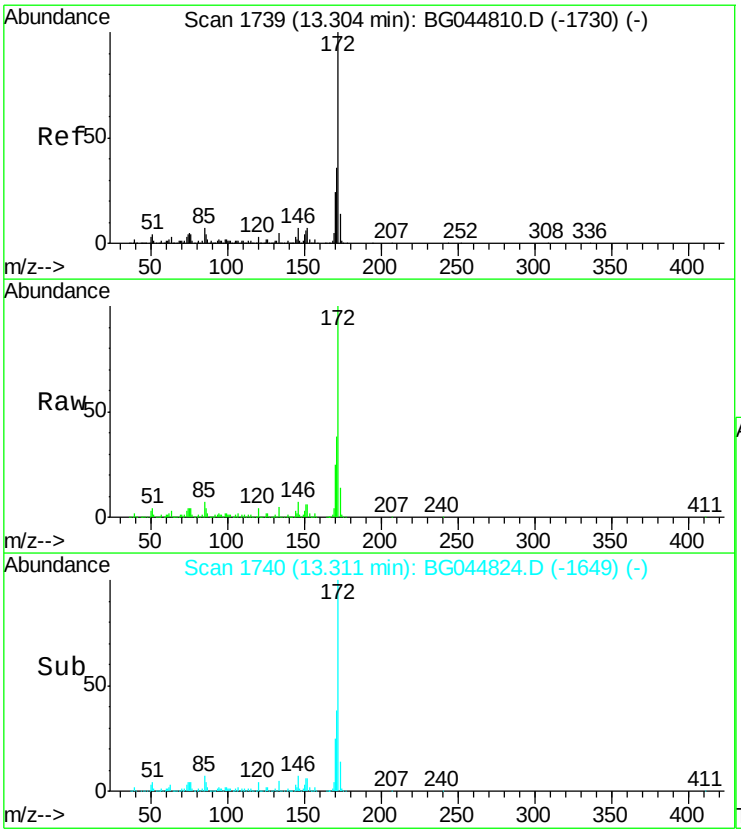
#42
2,4,6-Tribromophenol
Concen: 102.43 ng
RT: 16.17 min Scan# 2226
Delta R.T. -0.01 min
Lab File: BG044824.D
Acq: 16 Mar 2020 22:15

Instrument :
BNA_G
ClientSampleId :
TP-8-SA

Tgt Ion:330 Resp: 406201

Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.8	116.6
141	37.2	29.5	44.3

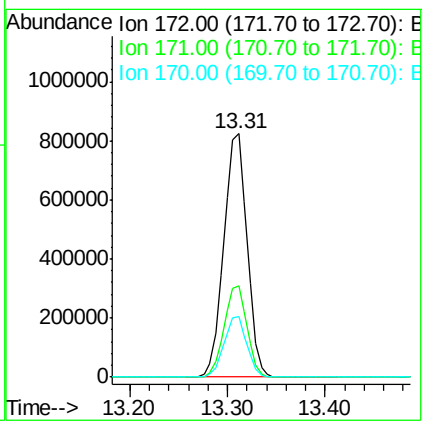


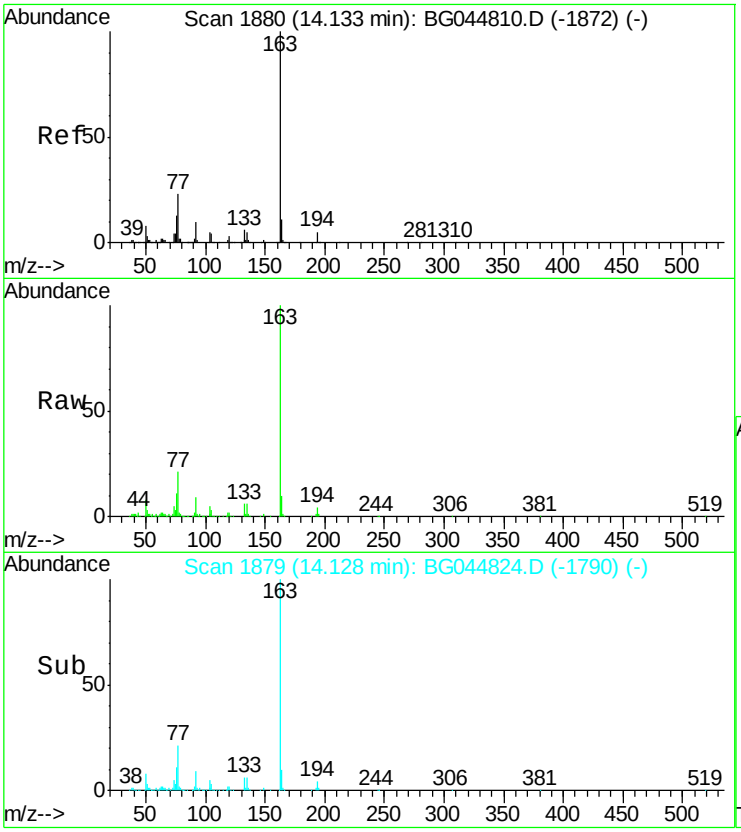


#45
2-Fluorobiphenyl
Concen: 64.42 ng
RT: 13.31 min Scan# 1740
Delta R.T. 0.01 min
Lab File: BG044824.D
Acq: 16 Mar 2020 22:15

Tgt Ion:172 Resp: 1362520

Ion	Ratio	Lower	Upper
172	100		
171	37.6	28.7	43.1
170	24.9	19.0	28.6



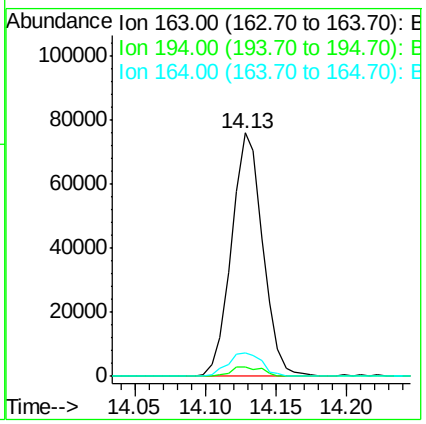


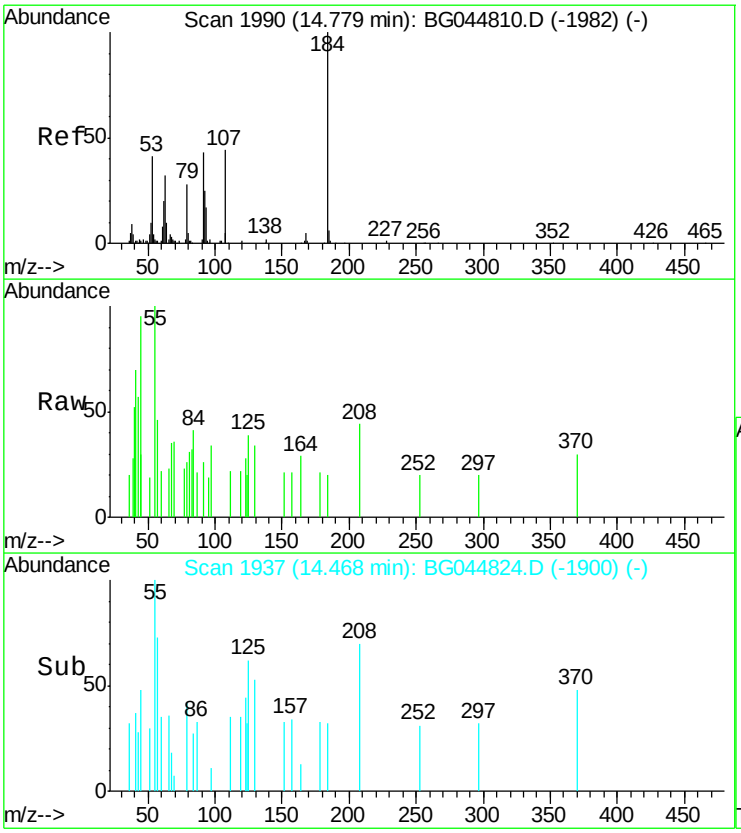
#50
Dimethylphthalate
Concen: 4.88 ng
RT: 14.13 min Scan# 1879
Delta R.T. -0.01 min
Lab File: BG044824.D
Acq: 16 Mar 2020 22:15

Instrument :
BNA_G
ClientSampleId :
TP-8-SA

Tgt Ion:163 Resp: 117639

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.7	5.5
164	9.7	9.1	13.7

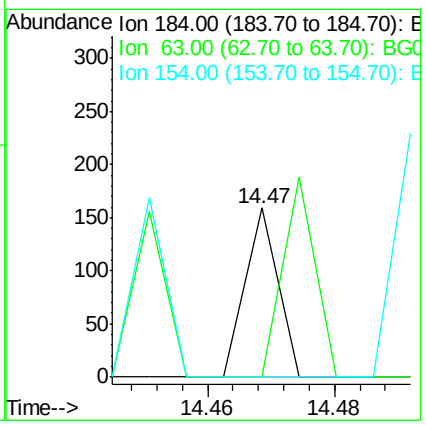


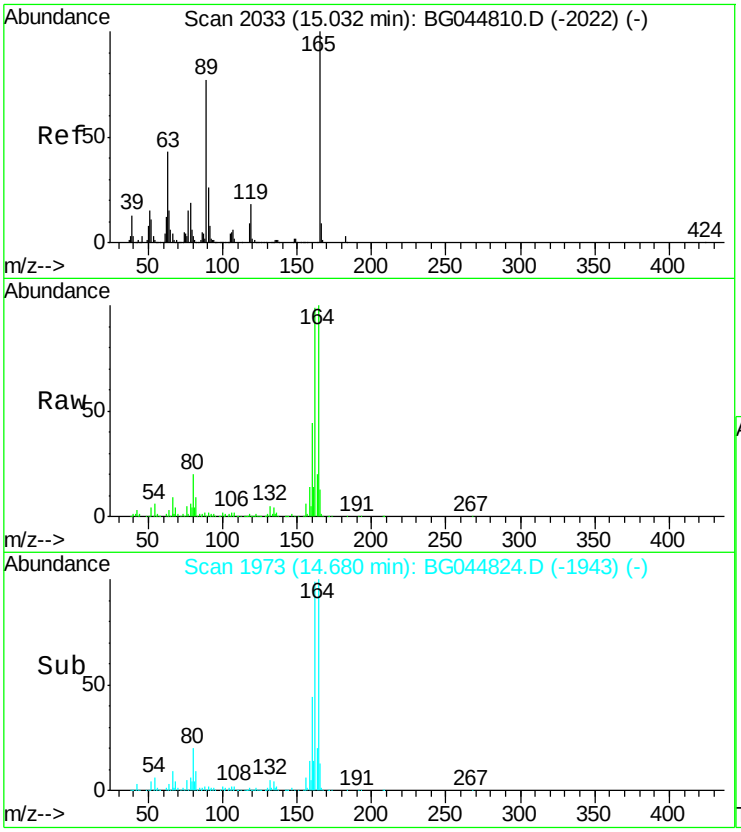


#54
2,4-Dinitrophenol
Concen: 8.34 ng
RT: 14.47 min Scan# 1937
Delta R.T. -0.31 min
Lab File: BG044824.D
Acq: 16 Mar 2020 22:15

Tgt Ion:184 Resp: 56

Ion	Ratio	Lower	Upper
184	100		
63	0.0	45.5	68.3#
154	0.0	49.1	73.7#



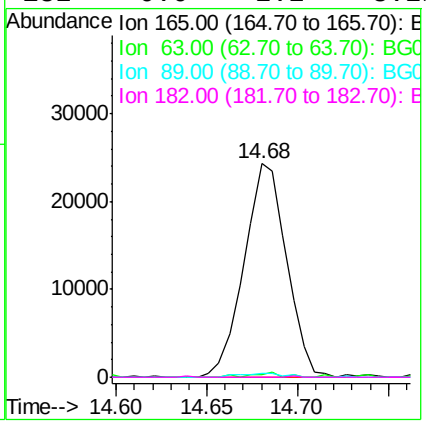


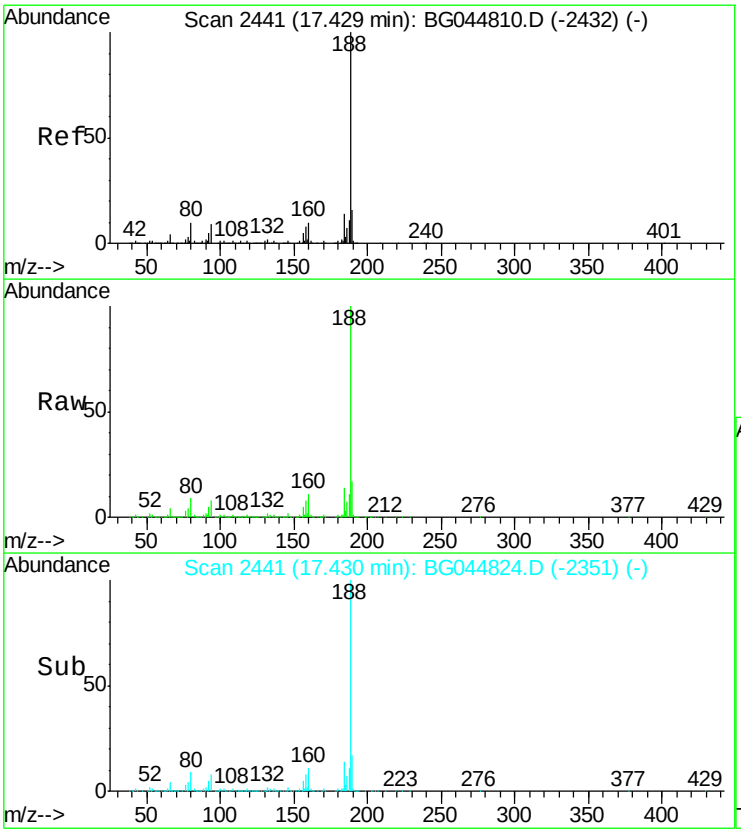
#57
2,4-Dinitrotoluene
Concen: 5.93 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.35 min
Lab File: BG044824.D
Acq: 16 Mar 2020 22:15

Instrument :
BNA_G
ClientSampleId :
TP-8-SA

Tgt Ion:165 Resp: 39547

Ion	Ratio	Lower	Upper
165	100		
63	1.2	34.6	52.0#
89	1.9	61.3	91.9#
182	0.0	2.2	3.2#

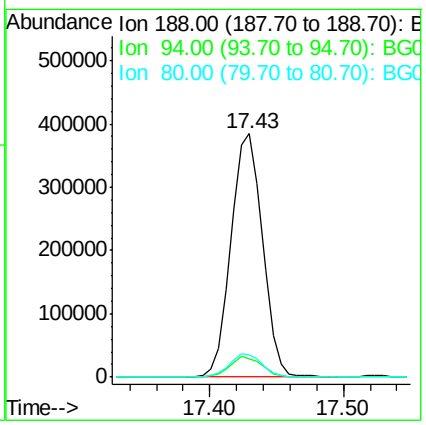


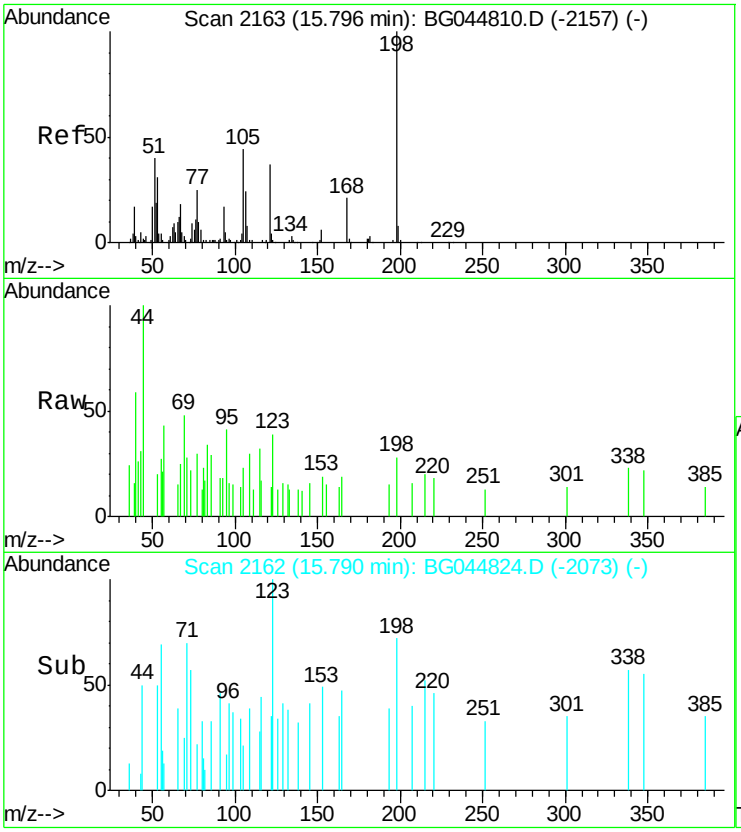


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.43 min Scan# 2441
Delta R.T. 0.00 min
Lab File: BG044824.D
Acq: 16 Mar 2020 22:15

Tgt Ion:188 Resp: 631949

Ion	Ratio	Lower	Upper
188	100		
94	7.6	7.3	10.9
80	9.0	8.0	12.0



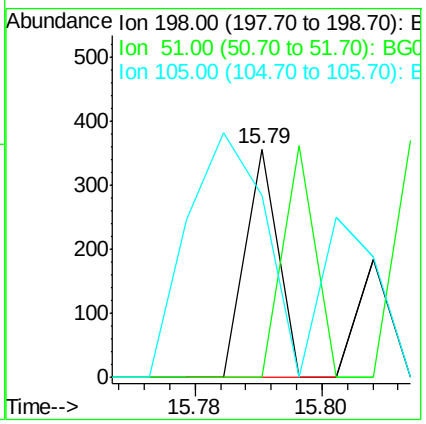


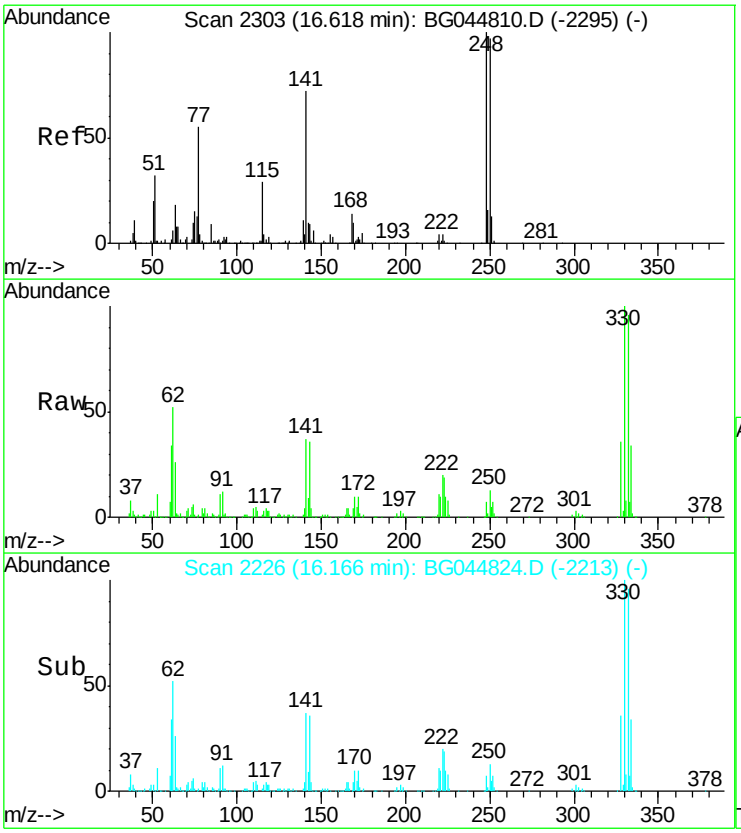
#65
4,6-Dinitro-2-methylphenol
Concen: 7.76 ng
RT: 15.79 min Scan# 2162
Delta R.T. -0.01 min
Lab File: BG044824.D
Acq: 16 Mar 2020 22:15

Instrument :
BNA_G
ClientSampleId :
TP-8-SA

Tgt Ion:198 Resp: 125

Ion	Ratio	Lower	Upper
198	100		
51	0.0	21.1	61.1#
105	79.8	24.5	64.5#

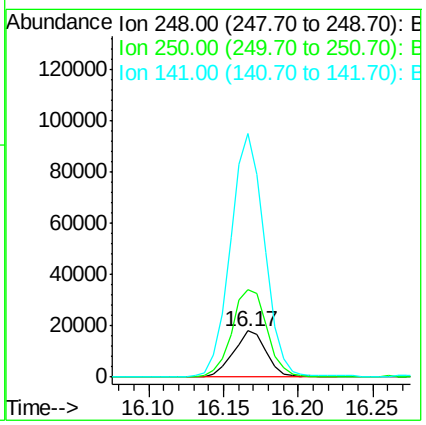


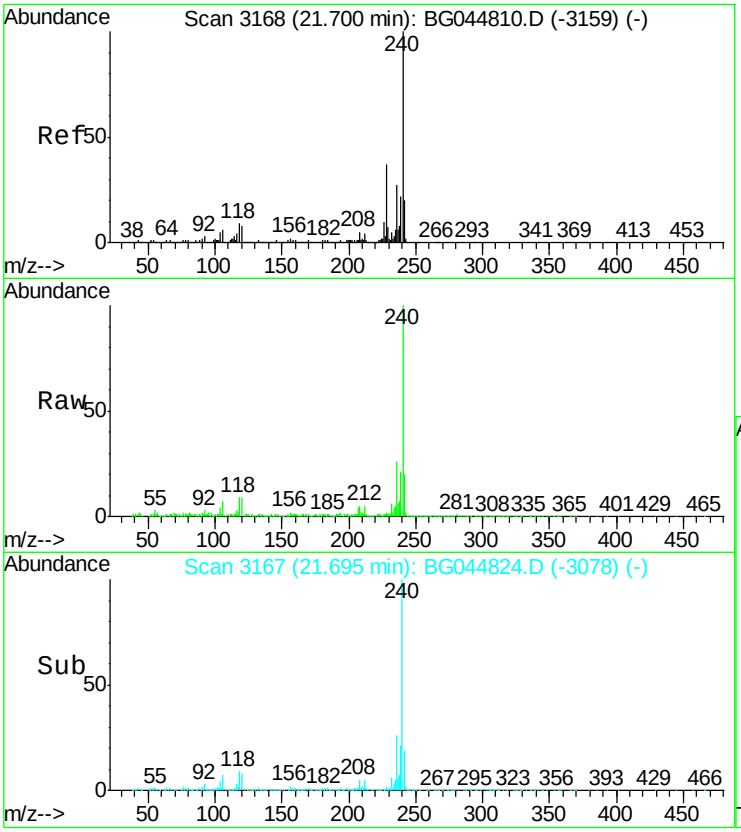


#67
4-Bromophenyl-phenylether
Concen: 3.50 ng
RT: 16.17 min Scan# 2226
Delta R.T. -0.45 min
Lab File: BG044824.D
Acq: 16 Mar 2020 22:15

Tgt Ion:248 Resp: 27621

Ion	Ratio	Lower	Upper
248	100		
250	190.7	77.9	116.9#
141	528.6	57.5	86.3#



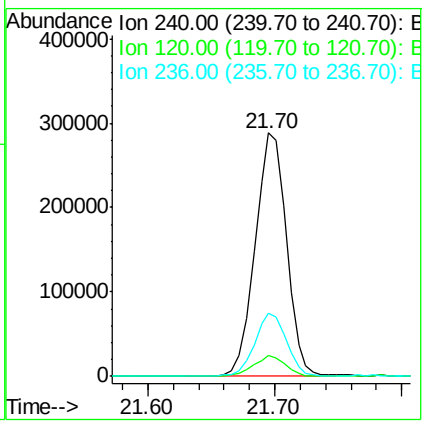


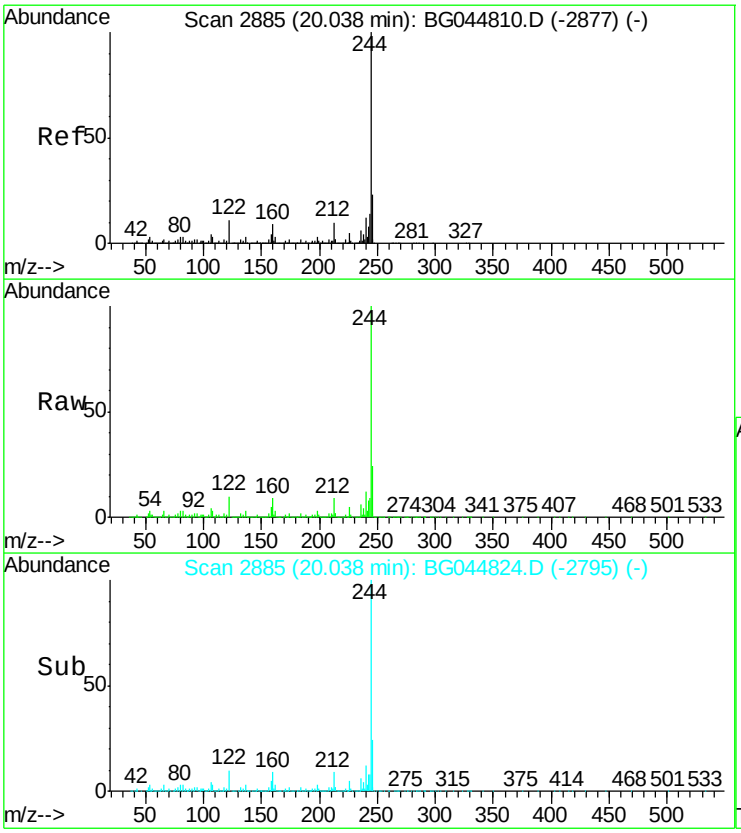
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.70 min Scan# 3167
Delta R.T. -0.01 min
Lab File: BG044824.D
Acq: 16 Mar 2020 22:15

Instrument :
BNA_G
ClientSampleId :
TP-8-SA

Tgt Ion:240 Resp: 495617

Ion	Ratio	Lower	Upper
240	100		
120	8.7	6.7	10.1
236	25.9	21.5	32.3

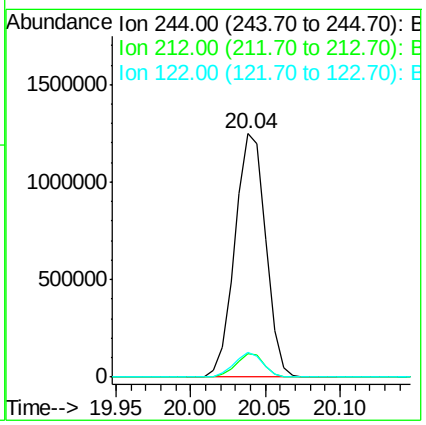


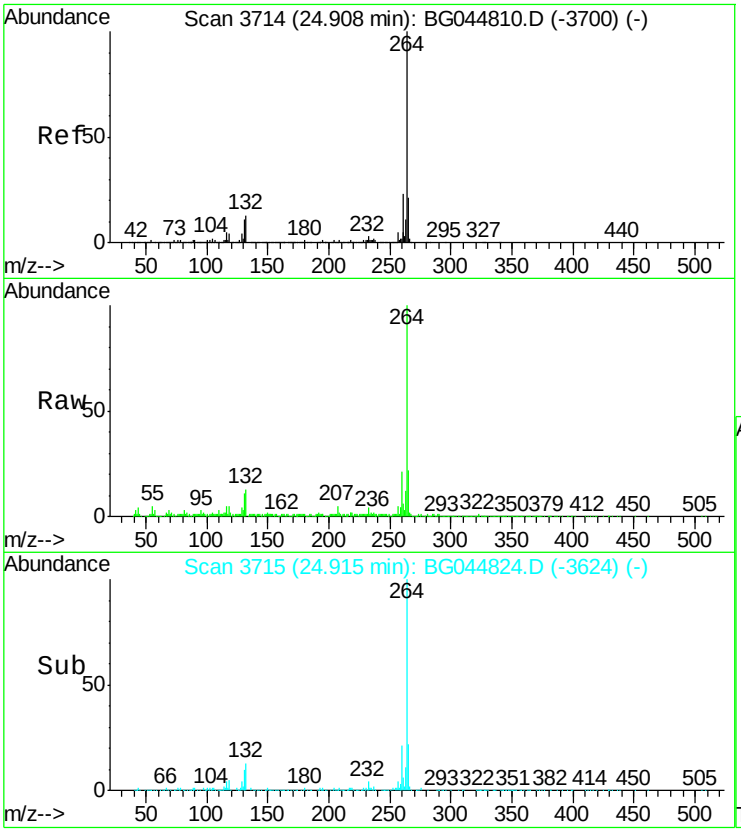


#79
Terphenyl-d14
Concen: 67.65 ng
RT: 20.04 min Scan# 2885
Delta R.T. 0.00 min
Lab File: BG044824.D
Acq: 16 Mar 2020 22:15

Tgt Ion:244 Resp: 1792491

Ion	Ratio	Lower	Upper
244	100		
212	9.5	7.7	11.5
122	10.0	8.6	12.8





#87
Perylene-d12
Concen: 20.00 ng
RT: 24.92 min Scan# 3715
Delta R.T. 0.01 min
Lab File: BG044824.D
Acq: 16 Mar 2020 22:15

Instrument :
BNA_G
ClientSampleId :
TP-8-SA

Tgt Ion:264 Resp: 557691

Ion	Ratio	Lower	Upper
264	100		
260	21.3	18.1	27.1
265	22.5	17.1	25.7