Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG012020\

Quantitation Report (Not Reviewed)

Data File : BG044104.D
Acq On : 20 Jan 2020 19:01
Operator : JU
Sample : L1184-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : AOC-9-NORTH-(SETTLED)

Quant Time: Jan 21 04:50:05 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	73682	20.00	ng		-0.03
21) Naphthalene-d8	10.73	136	331011	20.00	ng		-0.04
39) Acenaphthene-d10	14.57	164	239566	20.00	ng		-0.03
64) Phenanthrene-d10	17.31	188	533096	20.00	ng		-0.02
76) Chrysene-d12	21.56	240	459559	20.00	ng		-0.03
87) Perylene-d12	24.67	264	510074	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	221451	55.18	ng		-0.03
7) Phenol-d6	7.10	99	191173	34.08	ng		-0.02
23) Nitrobenzene-d5	9.09	82	498953	80.64	ng		-0.04
42) 2,4,6-Tribromophenol	16.05	330	377938	150.75	ng		-0.03
45) 2-Fluorobiphenyl	13.19	172	1221149	92.35	ng		-0.03
79) Terphenyl-d14	19.93	244	1806730	98.81	ng		-0.03
Target Compounds							Qvalue
10) Phenol	7.12	94	14324	2.478	ng		95
19) n-Nitroso-di-n-propylamine	9.09	70	64713	15.491	ng	#	78
50) Dimethylphthalate	14.02	163	105742	6.216	ng	#	94
57) 2,4-Dinitrotoluene	14.57	165	31071	5.939	ng	#	27
65) 4,6-Dinitro-2-methylphenol	16.06	198	1292	4.817	ng	#	1
67) 4-Bromophenyl-phenylether	16.05	248	26589	4.435	ng	#	1
77) Benzidine	19.93	184	32134	2.782	ng	#	88

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

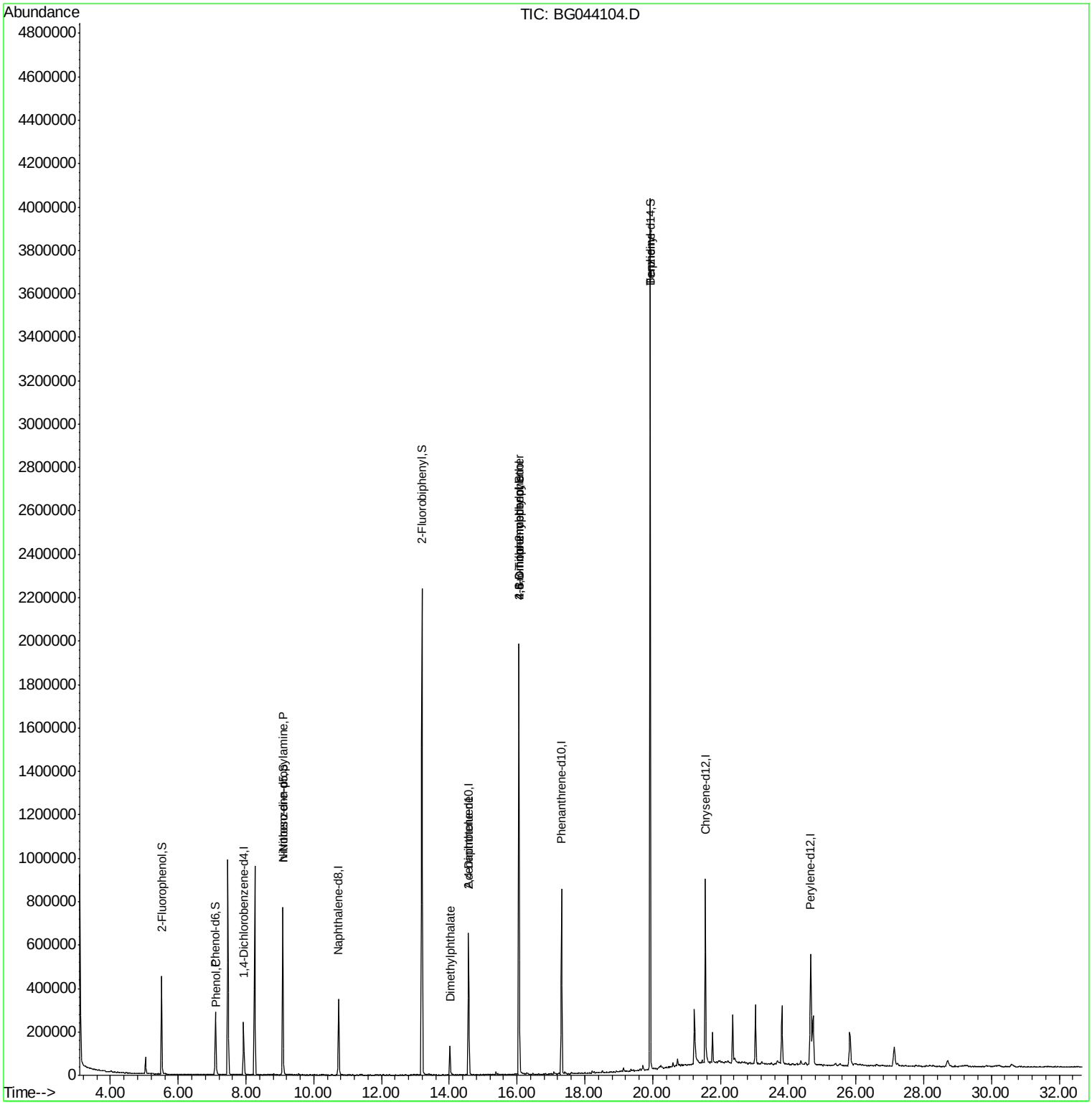
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG012020\

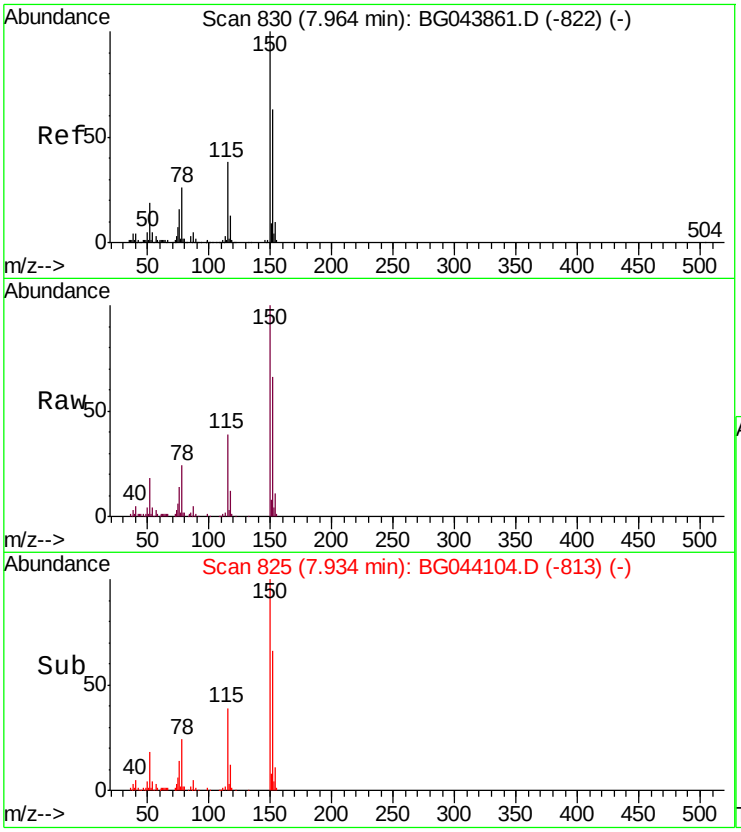
Quantitation Report (Not Reviewed)

Data File : BG044104.D
Acq On : 20 Jan 2020 19:01
Operator : JU
Sample : L1184-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
AOC-9-NORTH-(SETTLED)

Quant Time: Jan 21 04:50:05 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration



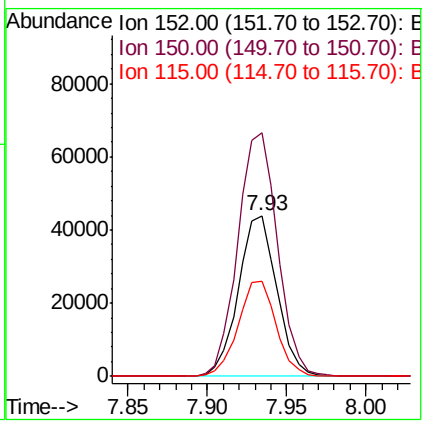


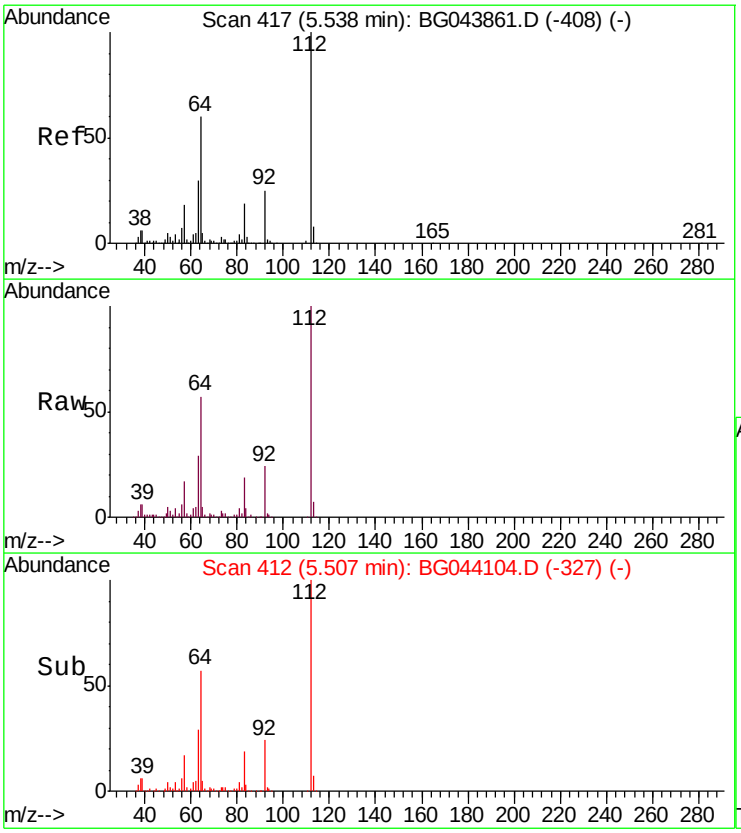
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 825
Delta R.T. -0.03 min
Lab File: BG044104.D
Acq: 20 Jan 2020 19:01

Instrument :
BNA_G
ClientSampleId :
AOC-9-NORTH-(SETTLED)

Tgt Ion:152 Resp: 73682

Ion	Ratio	Lower	Upper
152	100		
150	151.8	127.0	190.4
115	59.6	47.8	71.8

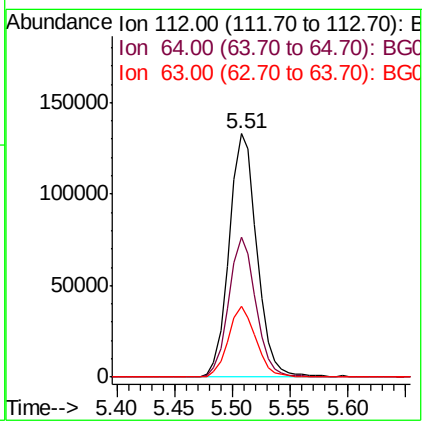


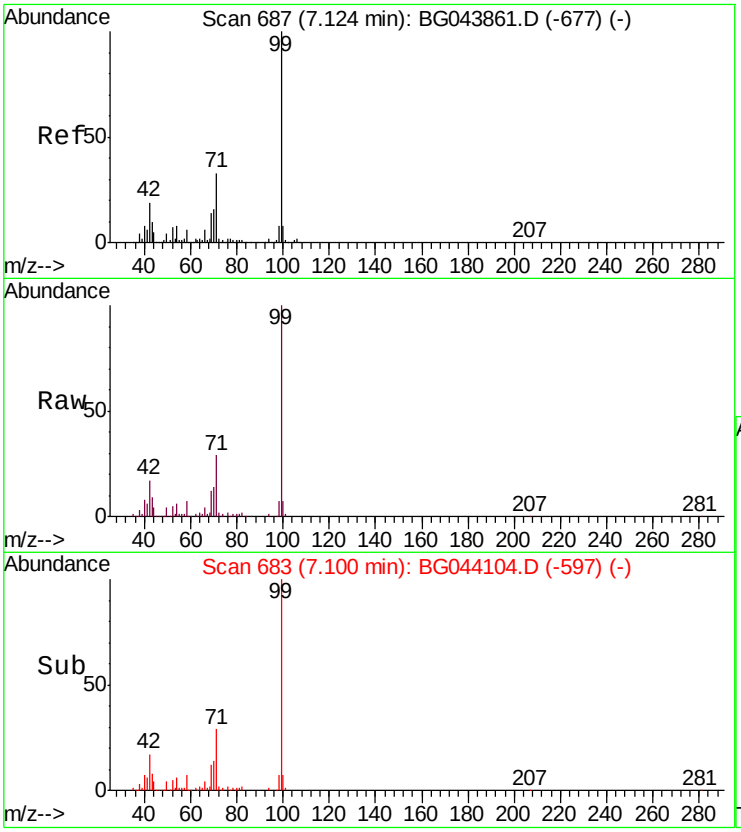


#5
2-Fluorophenol
Concen: 55.185 ng
RT: 5.51 min Scan# 412
Delta R.T. -0.03 min
Lab File: BG044104.D
Acq: 20 Jan 2020 19:01

Tgt Ion:112 Resp: 221451

Ion	Ratio	Lower	Upper
112	100		
64	57.3	47.8	71.6
63	29.0	24.3	36.5



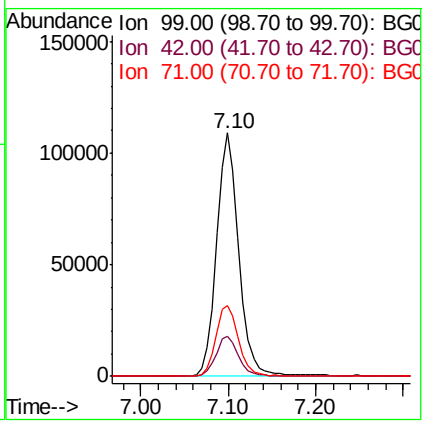


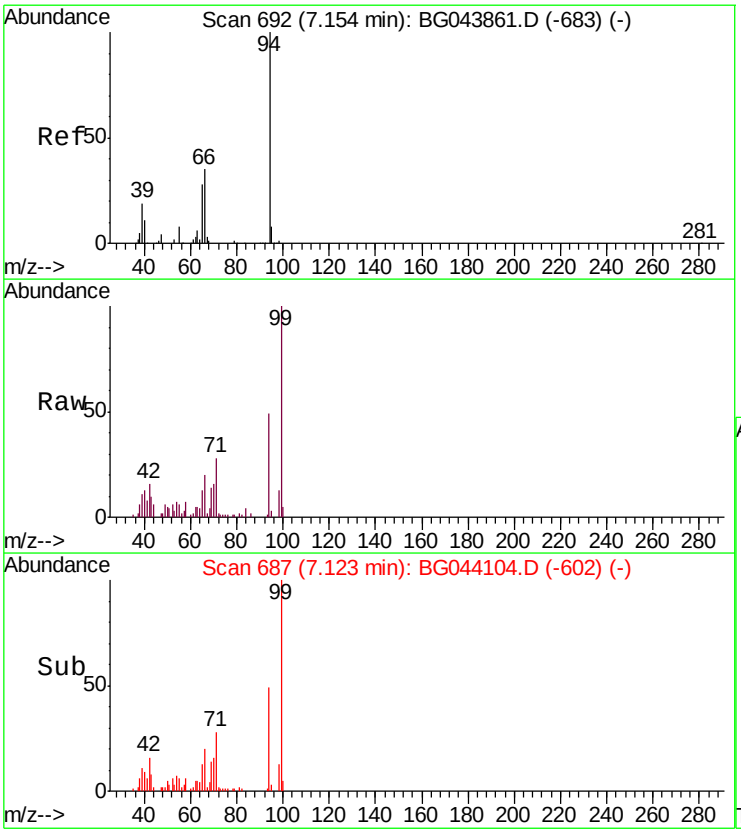
#7
Phenol-d6
Concen: 34.081 ng
RT: 7.10 min Scan# 683
Delta R.T. -0.02 min
Lab File: BG044104.D
Acq: 20 Jan 2020 19:01

Instrument :
BNA_G
ClientSampleId :
AOC-9-NORTH-(SETTLED)

Tgt Ion: 99 Resp: 191173

Ion	Ratio	Lower	Upper
99	100		
42	16.7	14.9	22.3
71	29.2	26.4	39.6

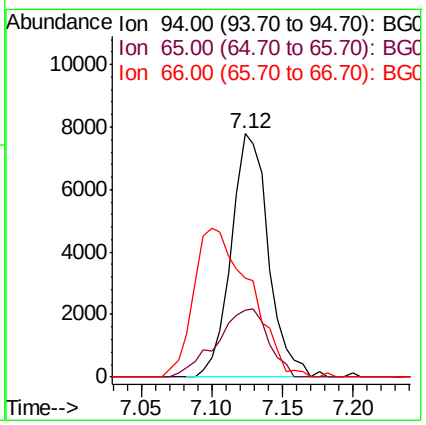


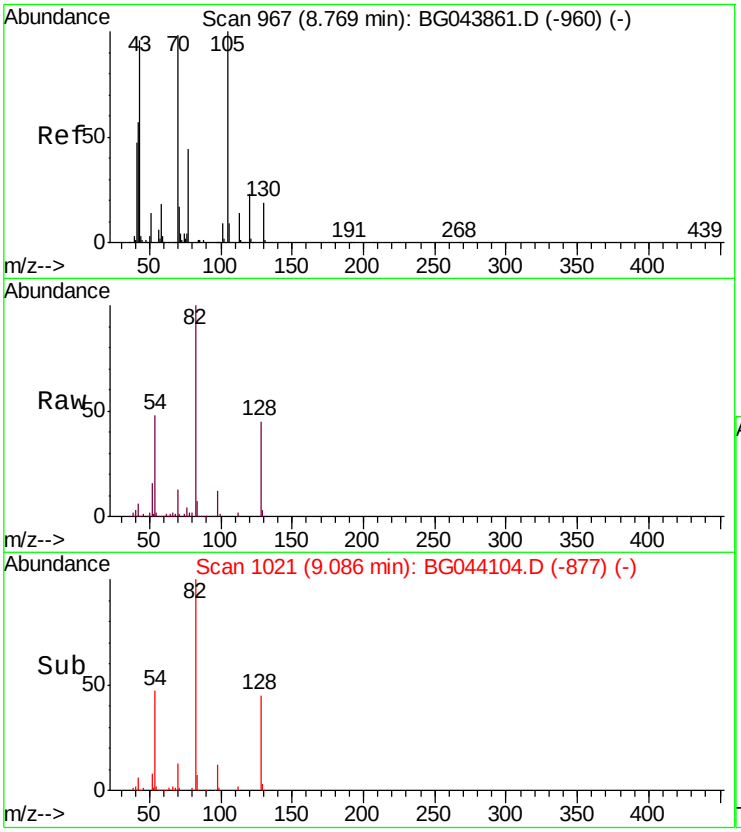


#10
Phenol
Concen: 2.478 ng
RT: 7.12 min Scan# 687
Delta R.T. -0.03 min
Lab File: BG044104.D
Acq: 20 Jan 2020 19:01

Tgt Ion: 94 Resp: 14324

Ion	Ratio	Lower	Upper
94	100		
65	27.6	8.1	48.1
66	40.9	15.6	55.6



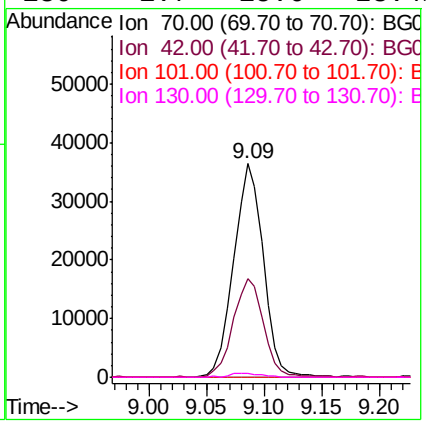


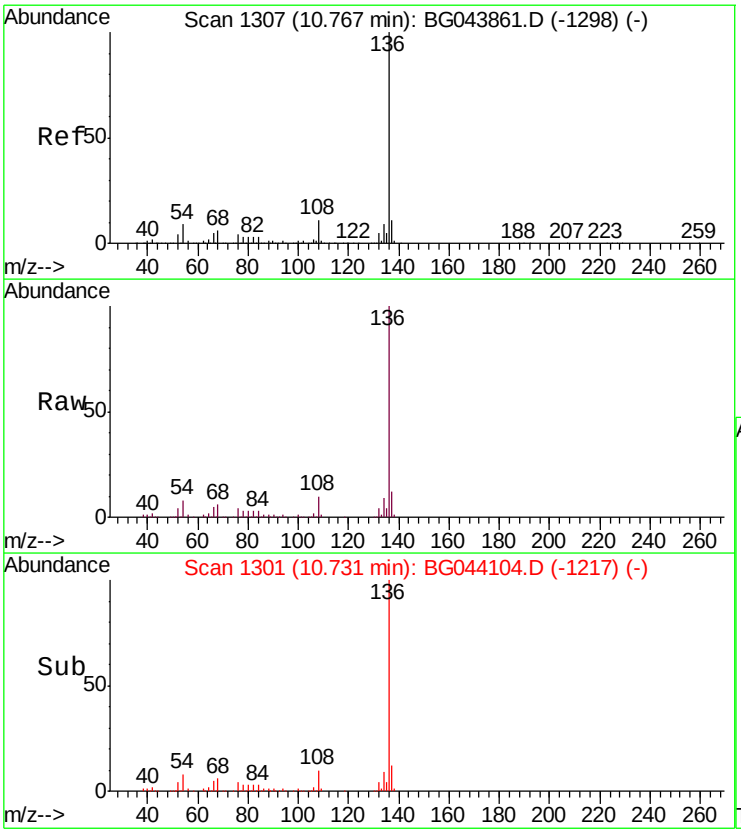
#19
n-Nitroso-di-n-propylamine
Concen: 15.491 ng
RT: 9.09 min Scan# 1021
Delta R.T. 0.32 min
Lab File: BG044104.D
Acq: 20 Jan 2020 19:01

Instrument :
BNA_G
ClientSampleId :
AOC-9-NORTH-(SETTLED)

Tgt Ion: 70 Resp: 64713

Ion	Ratio	Lower	Upper
70	100		
42	46.4	47.0	70.4#
101	0.0	7.2	10.8#
130	1.7	15.6	23.4#

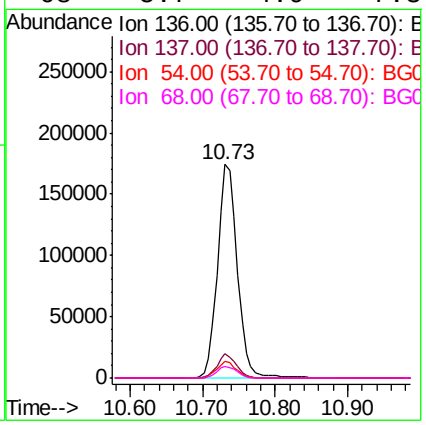


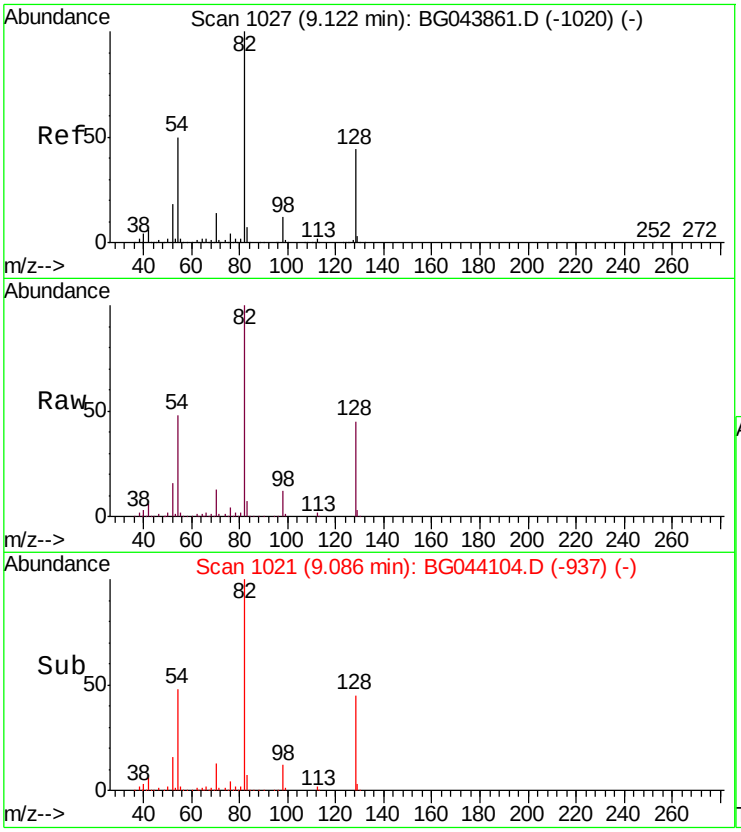


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1301
Delta R.T. -0.04 min
Lab File: BG044104.D
Acq: 20 Jan 2020 19:01

Tgt Ion:136 Resp: 331011

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.8	13.2
54	7.6	7.0	10.4
68	5.7	4.9	7.3



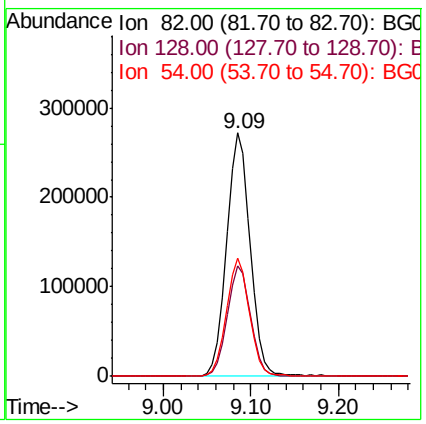


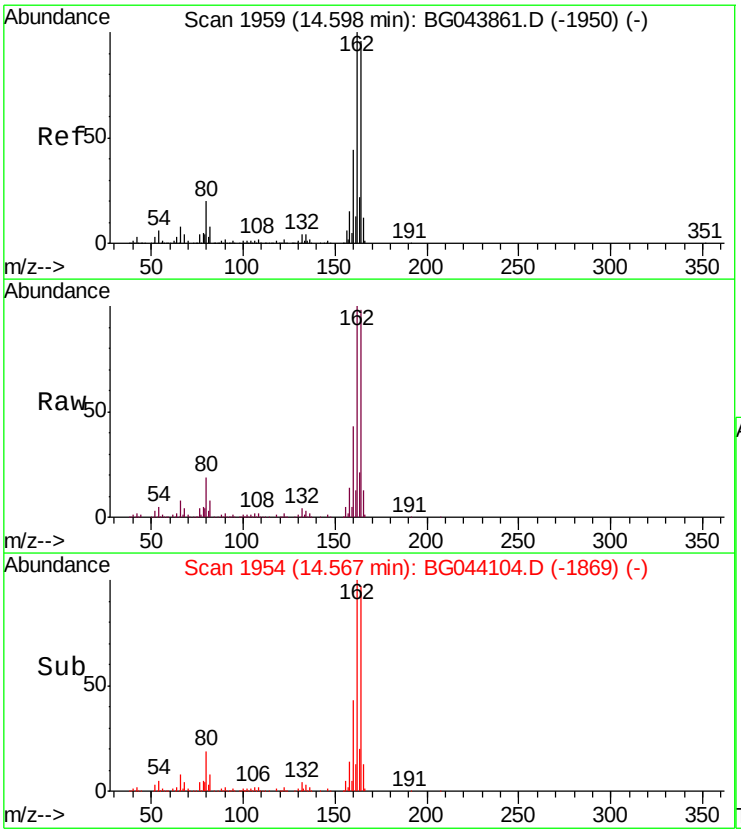
#23
Nitrobenzene-d5
Concen: 80.638 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.04 min
Lab File: BG044104.D
Acq: 20 Jan 2020 19:01

Instrument :
BNA_G
ClientSampleId :
AOC-9-NORTH-(SETTLED)

Tgt Ion: 82 Resp: 498953

Ion	Ratio	Lower	Upper
82	100		
128	45.3	35.1	52.7
54	48.3	40.1	60.1

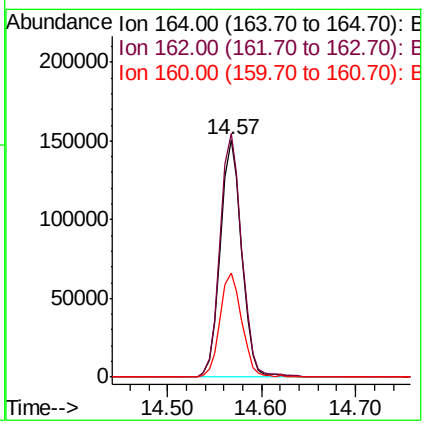


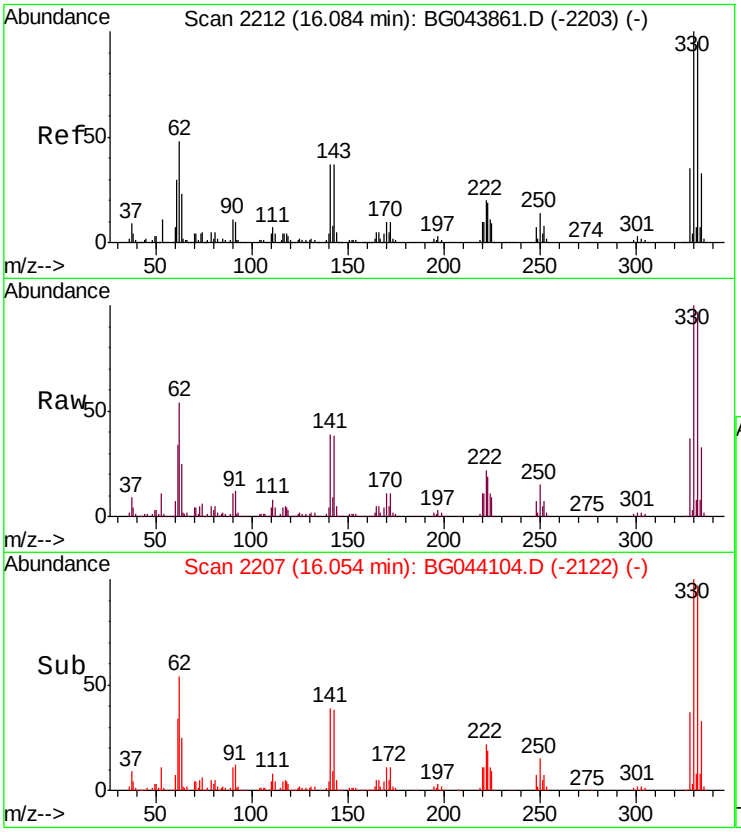


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.57 min Scan# 1954
Delta R.T. -0.03 min
Lab File: BG044104.D
Acq: 20 Jan 2020 19:01

Tgt Ion:164 Resp: 239566

Ion	Ratio	Lower	Upper
164	100		
162	102.5	83.0	124.4
160	43.9	36.1	54.1



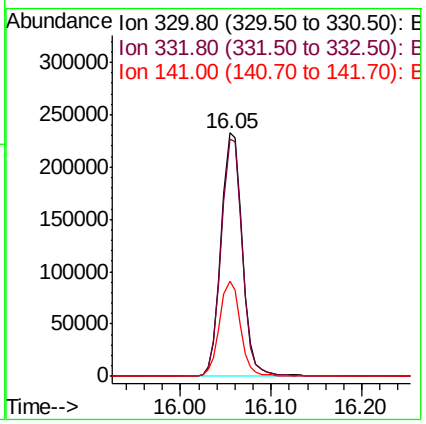


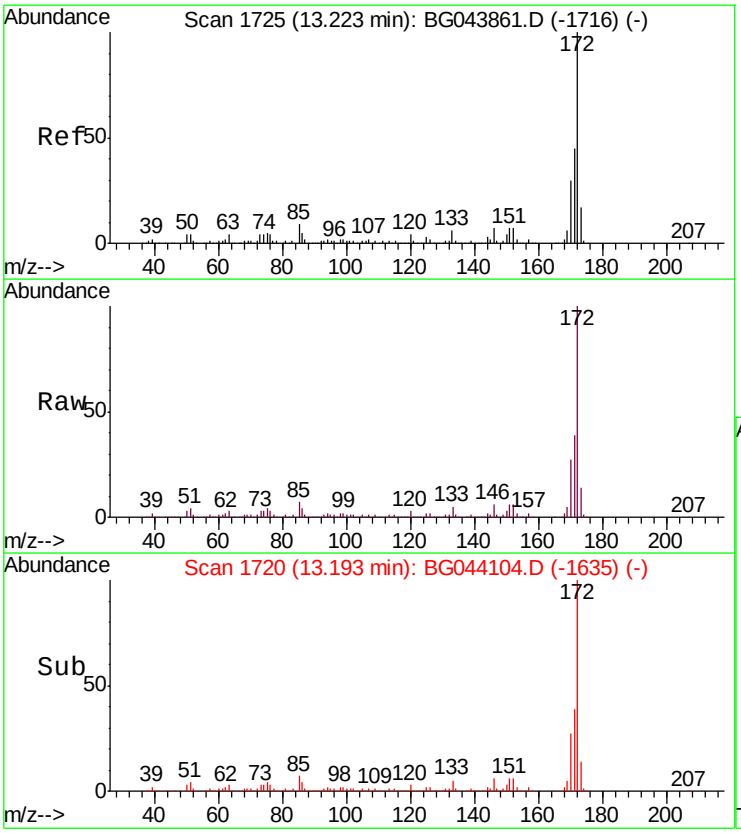
#42
2,4,6-Tribromophenol
Concen: 150.753 ng
RT: 16.05 min Scan# 2207
Delta R.T. -0.03 min
Lab File: BG044104.D
Acq: 20 Jan 2020 19:01

Instrument :
BNA_G
ClientSampleId :
AOC-9-NORTH-(SETTLED)

Tgt Ion:330 Resp: 377938

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.2	115.8
141	38.7	33.1	49.7

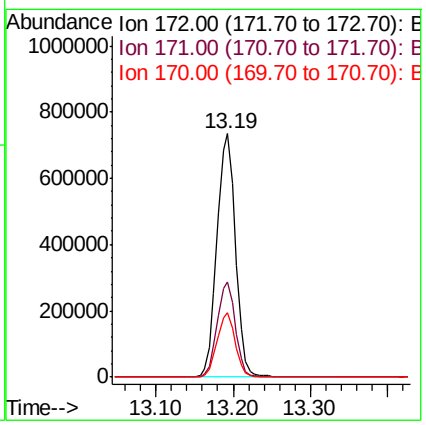


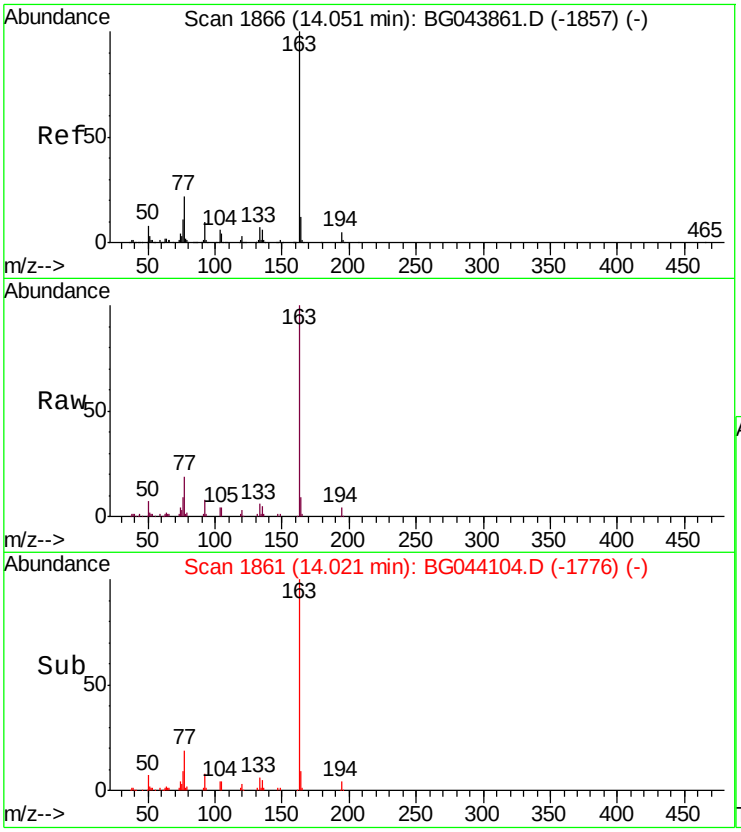


#45
2-Fluorobiphenyl
Concen: 92.352 ng
RT: 13.19 min Scan# 1720
Delta R.T. -0.03 min
Lab File: BG044104.D
Acq: 20 Jan 2020 19:01

Tgt Ion:172 Resp: 1221149

Ion	Ratio	Lower	Upper
172	100		
171	39.0	35.8	53.8
170	26.5	24.2	36.4



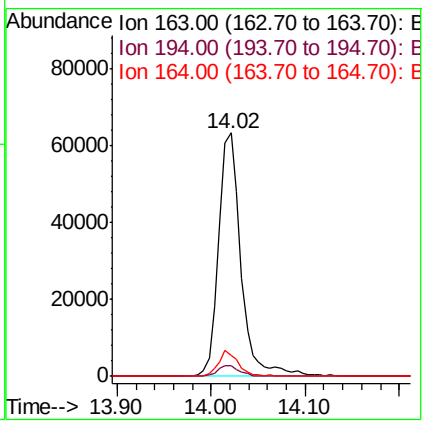


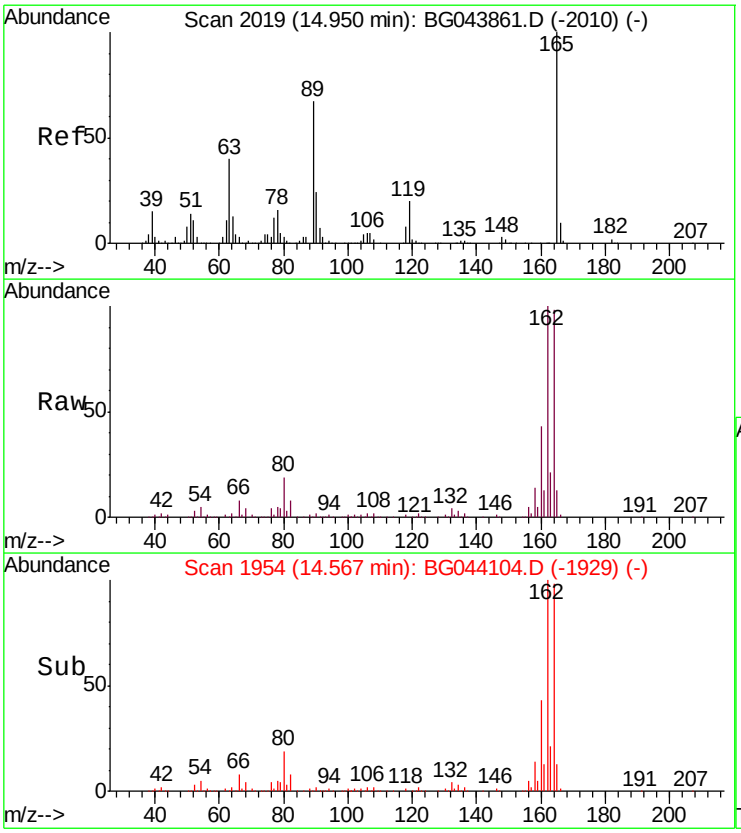
#50
Dimethylphthalate
Concen: 6.216 ng
RT: 14.02 min Scan# 1861
Delta R.T. -0.03 min
Lab File: BG044104.D
Acq: 20 Jan 2020 19:01

Instrument :
BNA_G
ClientSampleId :
AOC-9-NORTH-(SETTLED)

Tgt Ion:163 Resp: 105742

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.7	5.5
164	8.5	9.3	13.9#

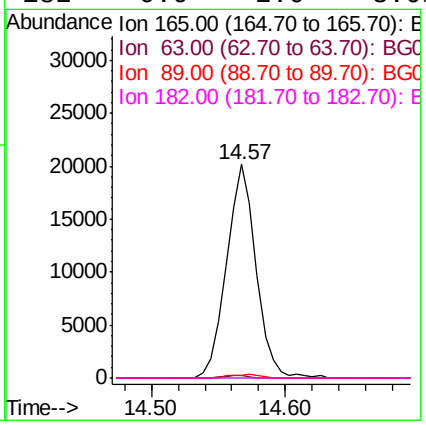


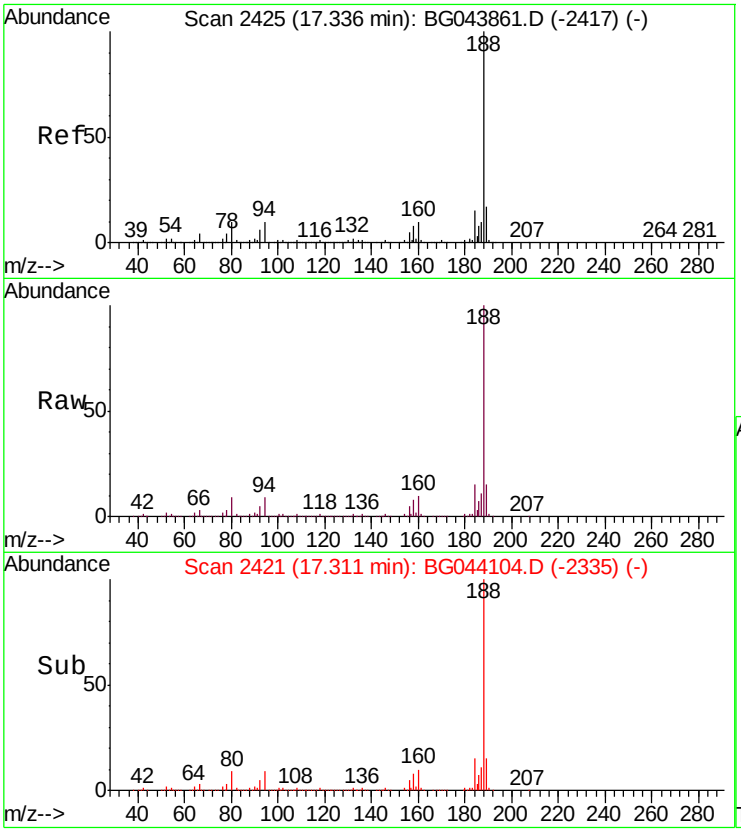


#57
2,4-Dinitrotoluene
Concen: 5.939 ng
RT: 14.57 min Scan# 1954
Delta R.T. -0.38 min
Lab File: BG044104.D
Acq: 20 Jan 2020 19:01

Tgt Ion:165 Resp: 31071

Ion	Ratio	Lower	Upper
165	100		
63	1.3	31.9	47.9#
89	1.1	53.8	80.6#
182	0.0	2.0	3.0#



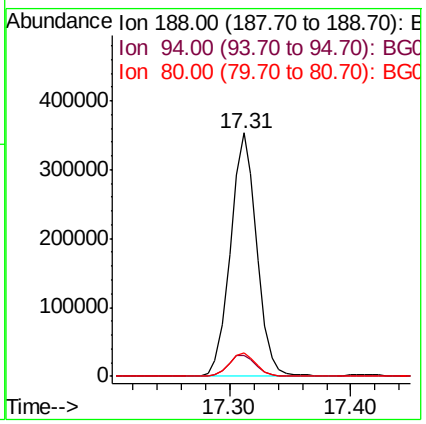


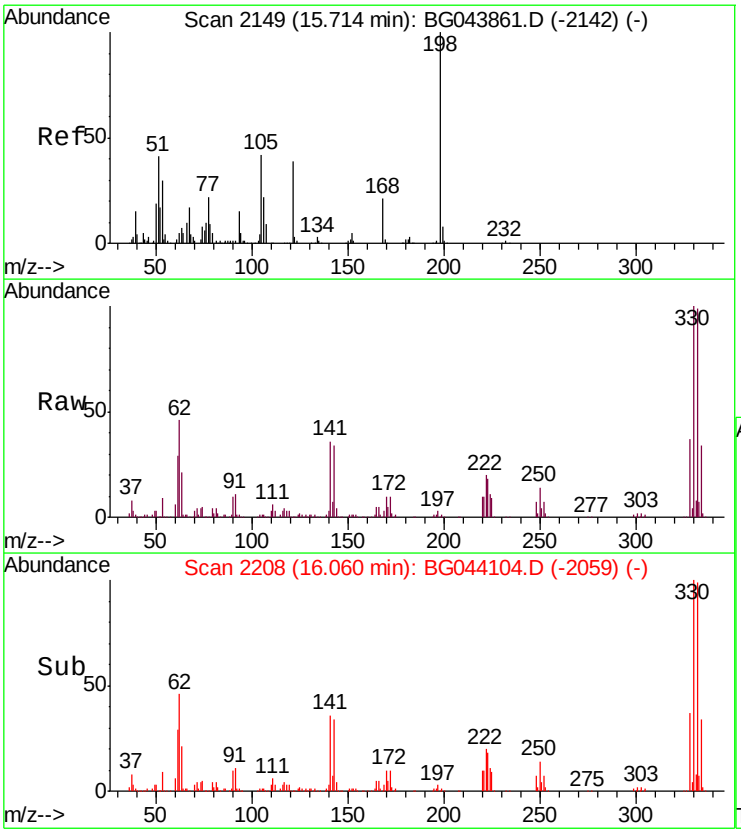
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.31 min Scan# 2421
Delta R.T. -0.02 min
Lab File: BG044104.D
Acq: 20 Jan 2020 19:01

Instrument :
BNA_G
ClientSampleId :
AOC-9-NORTH-(SETTLED)

Tgt Ion:188 Resp: 533096

Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.9	11.9
80	9.5	8.2	12.4

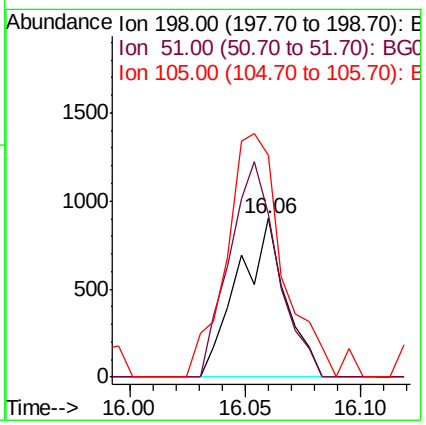


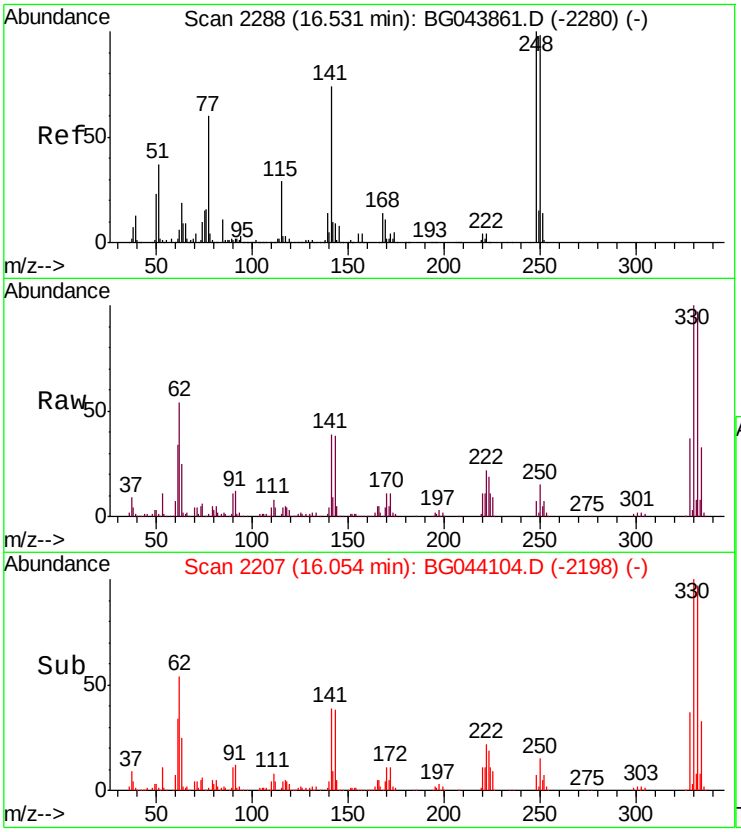


#65
4,6-Dinitro-2-methylphenol
Concen: 4.817 ng
RT: 16.06 min Scan# 2208
Delta R.T. 0.35 min
Lab File: BG044104.D
Acq: 20 Jan 2020 19:01

Tgt Ion:198 Resp: 1292

Ion	Ratio	Lower	Upper
198	100		
51	103.0	22.5	62.5#
105	140.2	22.3	62.3#



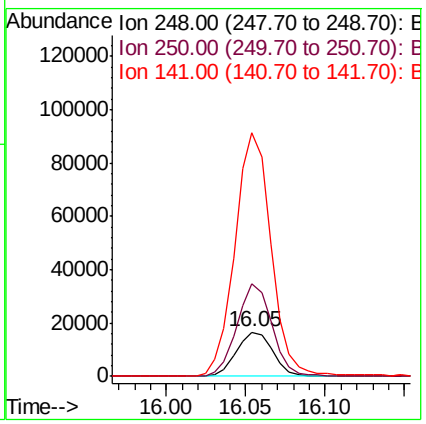


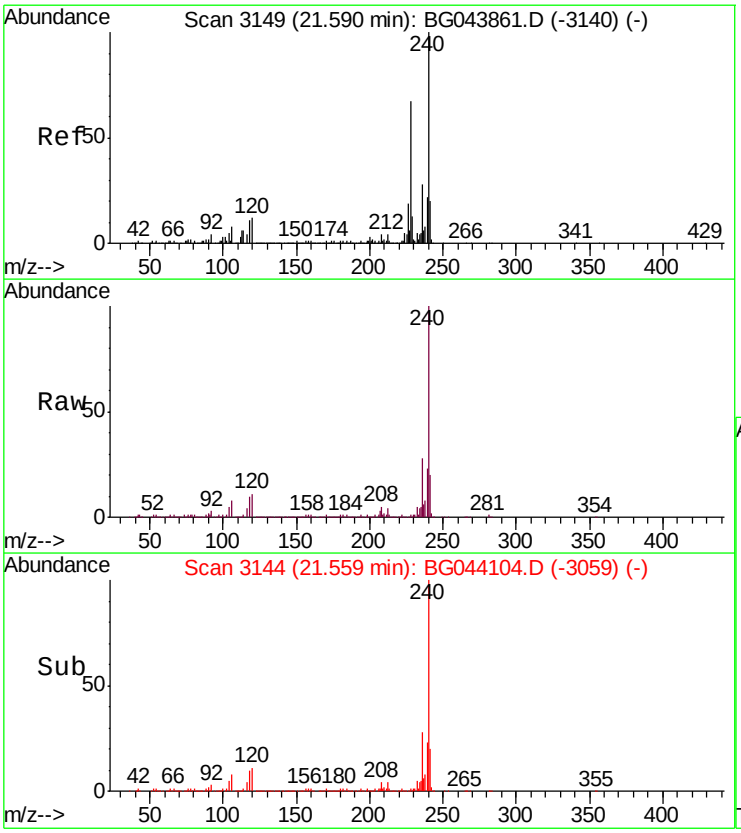
#67
4-Bromophenyl-phenylether
Concen: 4.435 ng
RT: 16.05 min Scan# 2207
Delta R.T. -0.48 min
Lab File: BG044104.D
Acq: 20 Jan 2020 19:01

Instrument :
BNA_G
ClientSampleId :
AOC-9-NORTH-(SETTLED)

Tgt Ion:248 Resp: 26589

Ion	Ratio	Lower	Upper
248	100		
250	207.8	78.2	117.2#
141	550.0	59.3	88.9#

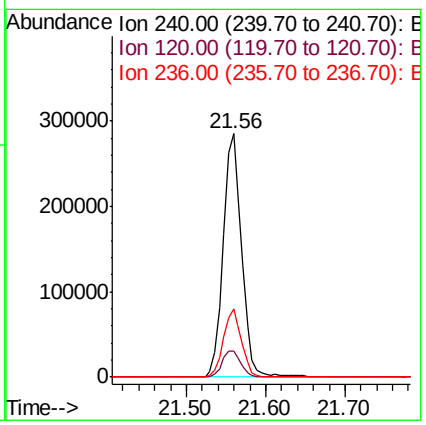


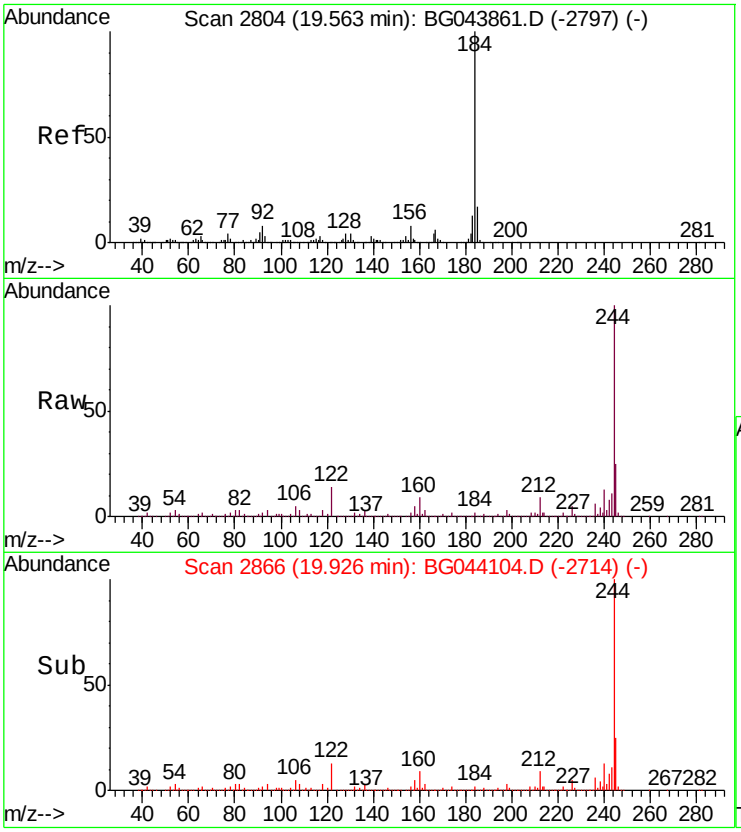


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.56 min Scan# 3144
Delta R.T. -0.03 min
Lab File: BG044104.D
Acq: 20 Jan 2020 19:01

Tgt Ion:240 Resp: 459559

Ion	Ratio	Lower	Upper
240	100		
120	10.9	9.6	14.4
236	28.1	22.2	33.2



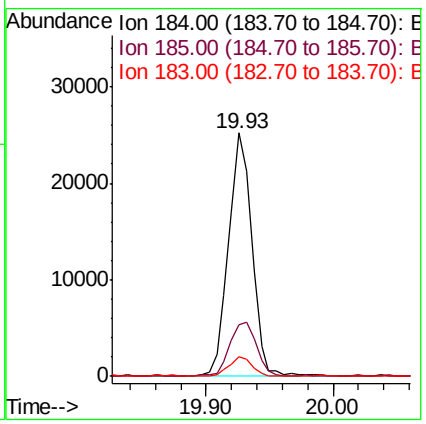


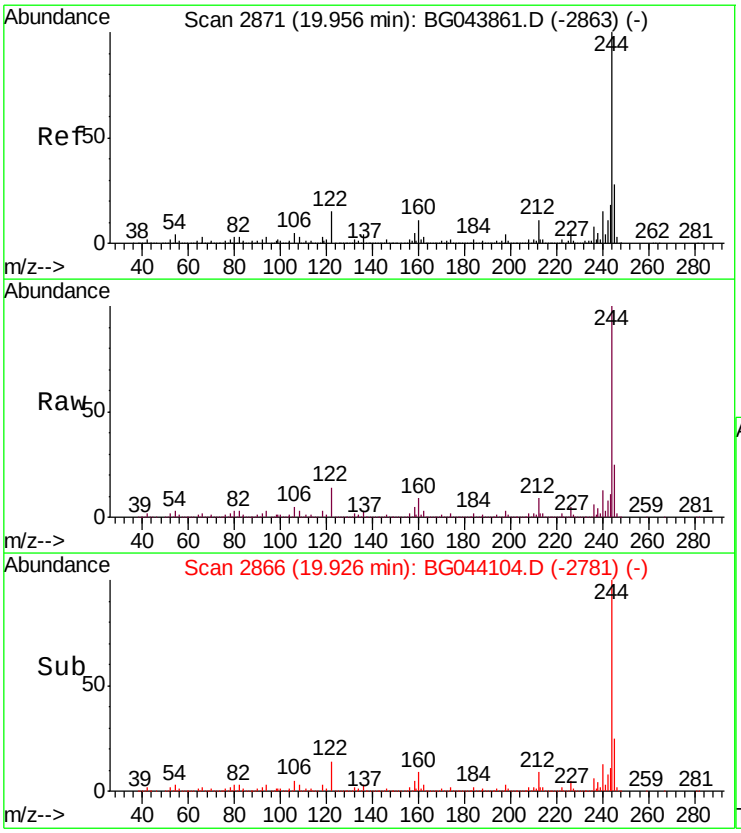
#77
Benzidine
Concen: 2.782 ng
RT: 19.93 min Scan# 2866
Delta R.T. 0.36 min
Lab File: BG044104.D
Acq: 20 Jan 2020 19:01

Instrument :
BNA_G
ClientSampleId :
AOC-9-NORTH-(SETTLED)

Tgt Ion:184 Resp: 32134

Ion	Ratio	Lower	Upper
184	100		
185	21.4	13.4	20.0#
183	8.1	10.6	15.8#

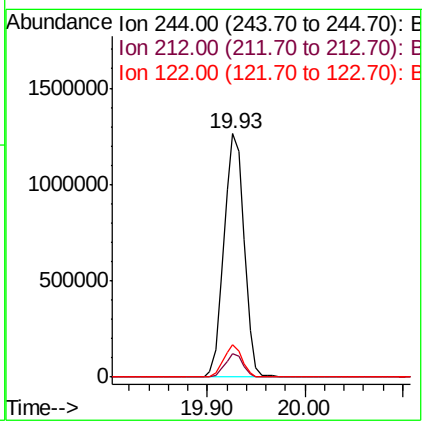


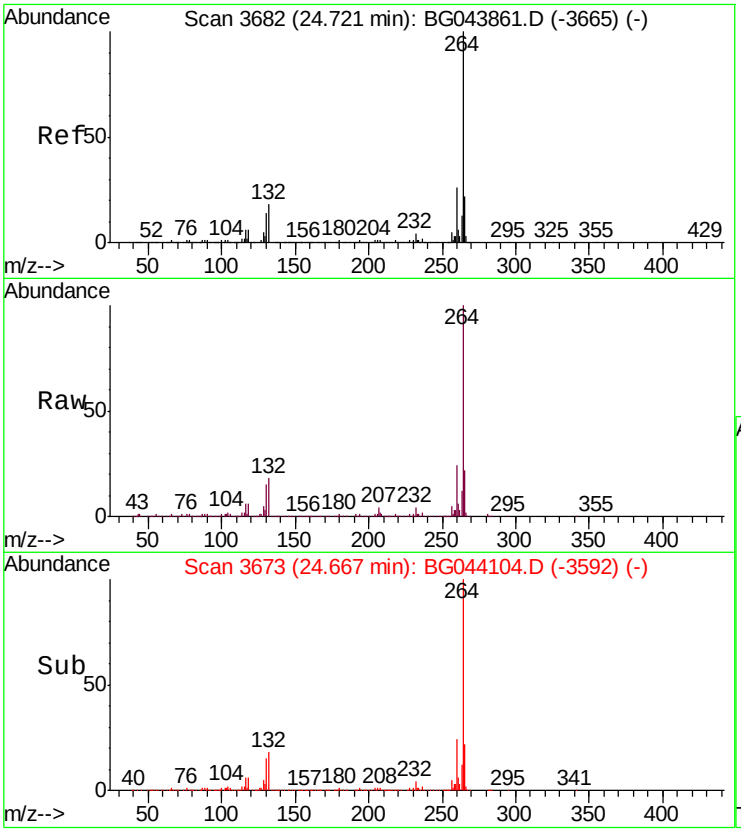


#79
Terphenyl-d14
Concen: 98.815 ng
RT: 19.93 min Scan# 2866
Delta R.T. -0.03 min
Lab File: BG044104.D
Acq: 20 Jan 2020 19:01

Tgt Ion:244 Resp: 1806730

Ion	Ratio	Lower	Upper
244	100		
212	9.4	8.6	13.0
122	13.5	11.9	17.9





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.67 min Scan# 3673
Delta R.T. -0.05 min
Lab File: BG044104.D
Acq: 20 Jan 2020 19:01

Instrument :
BNA_G
ClientSampleId :
AOC-9-NORTH-(SETTLED)

Tgt Ion:264 Resp: 510074

Ion	Ratio	Lower	Upper
264	100		
260	24.4	20.4	30.6
265	22.3	17.4	26.2