Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022020\
Data File : BG044528.D
Acq On : 20 Feb 2020 19:55
Operator : CG/JU
Sample : L1573-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Feb 21 06:49:47 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 10 16:11:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	63019	20.00	ng	-0.03
21) Naphthalene-d8	10.68	136	260171	20.00	ng	-0.02
39) Acenaphthene-d10	14.52	164	172236	20.00	ng	-0.02
64) Phenanthrene-d10	17.27	188	392657	20.00	ng	-0.02
76) Chrysene-d12	21.50	240	397463	20.00	ng	-0.03
87) Perylene-d12	24.58	264	415740	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	529154	148.19	ng	-0.01
7) Phenol-d6	7.06	99	620902	129.49	ng	-0.02
23) Nitrobenzene-d5	9.04	82	462013	100.26	ng	-0.03
42) 2,4,6-Tribromophenol	16.01	330	322943	159.72	ng	-0.02
45) 2-Fluorobiphenyl	13.14	172	1063870	103.43	ng	-0.02
79) Terphenyl-d14	19.88	244	1766113	91.40	ng	-0.02
Target Compounds						Qvalue
15) Benzyl Alcohol	8.20	79	7314	2.154	ng	# 45
19) n-Nitroso-di-n-propylamine	9.04	70	59048	18.477	ng	# 78
50) Dimethylphthalate	13.98	163	28560	2.307	ng	96
51) 2,6-Dinitrotoluene	14.52	165	22023	7.978	ng	# 30
57) 2,4-Dinitrotoluene	14.52	165	22023	5.692	ng	# 27
67) 4-Bromophenyl-phenylether	16.01	248	21982	5.138	ng	# 1
77) Benzidine	19.88	184	28578	2.592	ng	# 91

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

Quantitation Report (Not Reviewed)

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Acq On : 20 Feb 2020 19:55
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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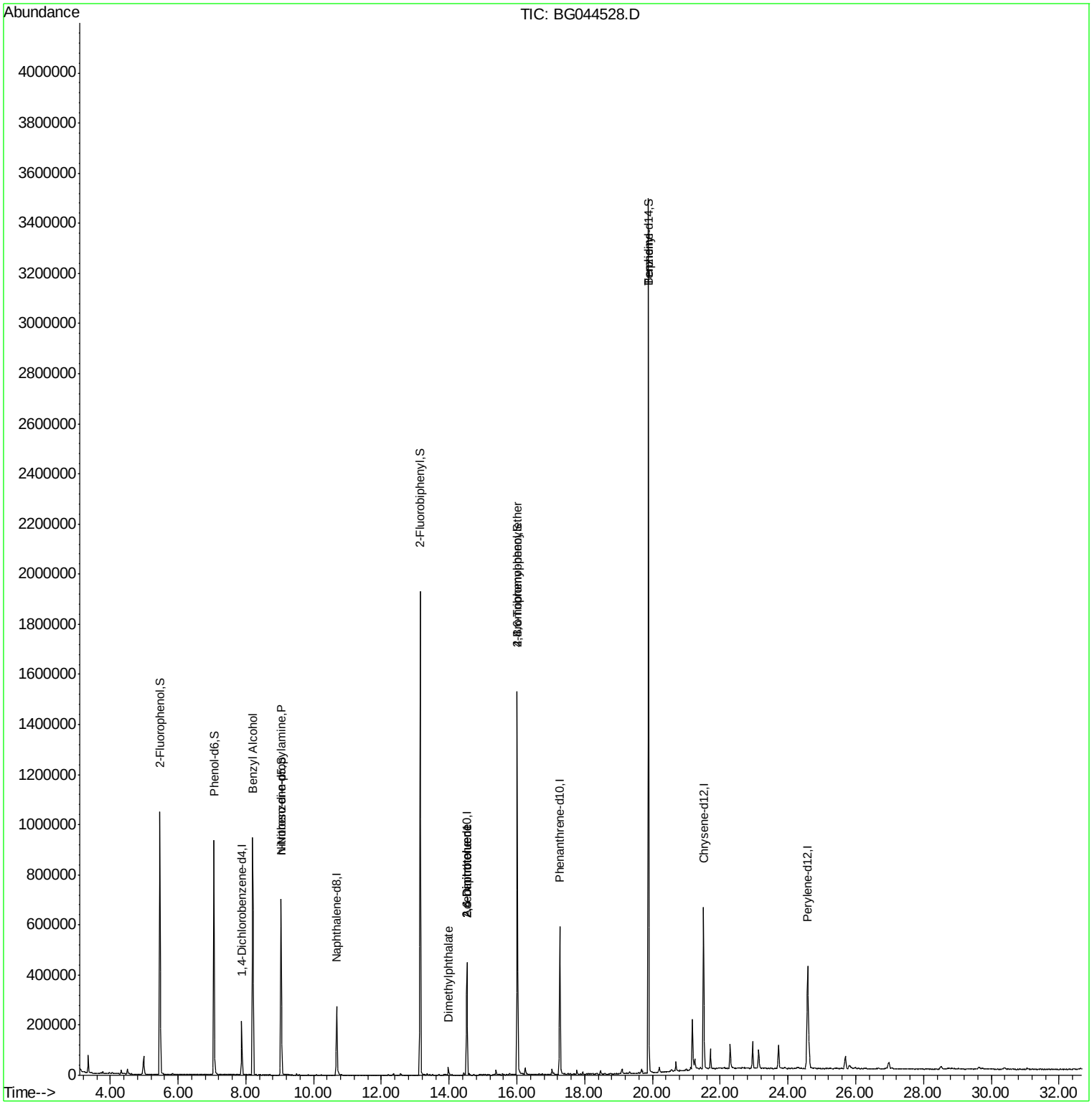
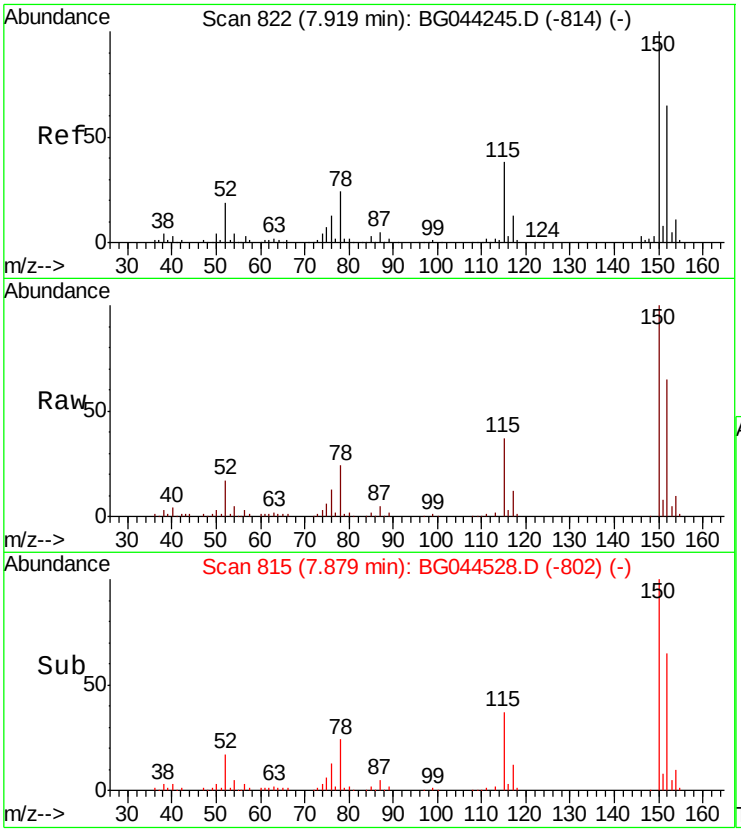


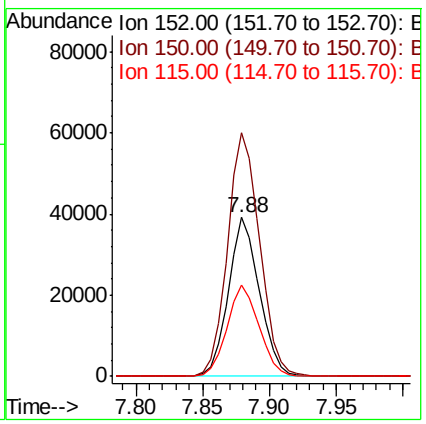


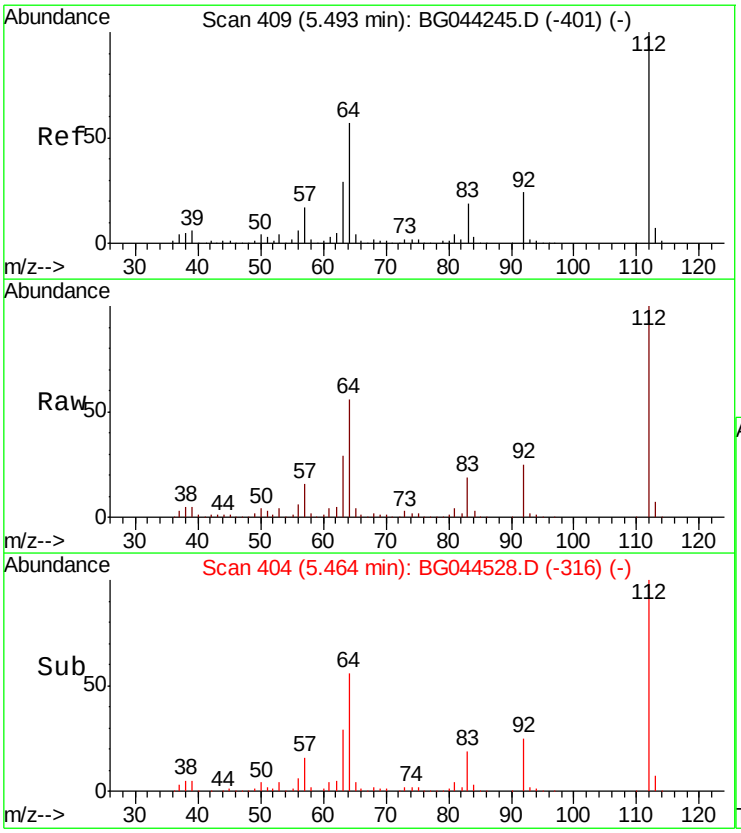
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.88 min Scan# 815
Delta R.T. -0.03 min
Lab File: BG044528.D
Acq: 20 Feb 2020 19:55

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 63019

Ion	Ratio	Lower	Upper
152	100		
150	153.5	122.6	183.8
115	57.6	46.0	69.0

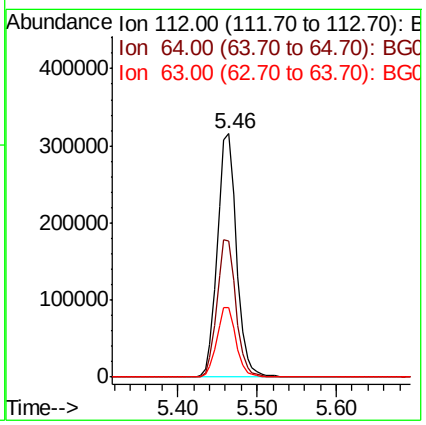


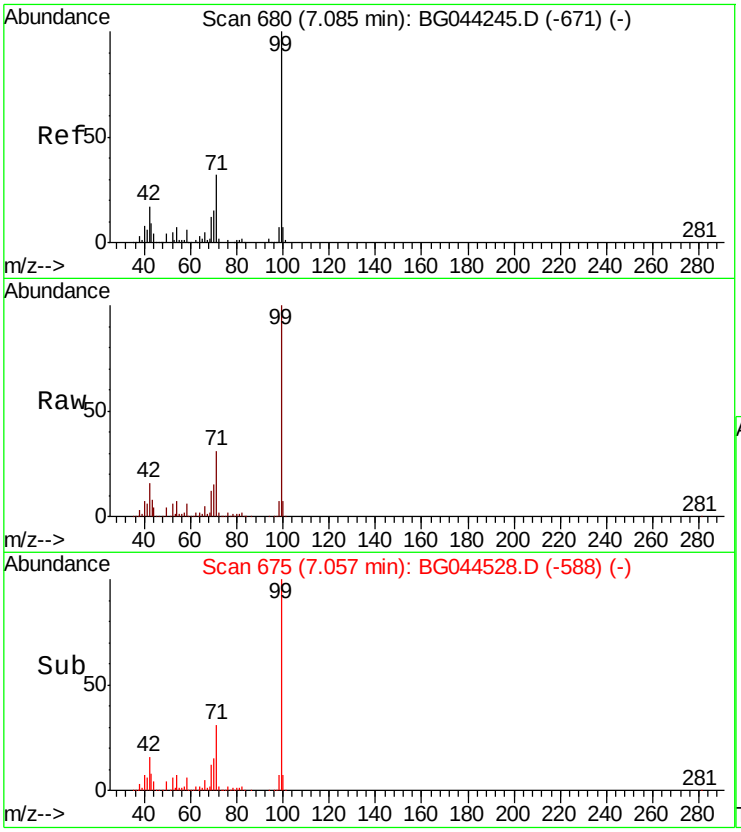


#5
2-Fluorophenol
Concen: 148.189 ng
RT: 5.46 min Scan# 404
Delta R.T. -0.01 min
Lab File: BG044528.D
Acq: 20 Feb 2020 19:55

Tgt Ion:112 Resp: 529154

Ion	Ratio	Lower	Upper
112	100		
64	55.9	45.4	68.2
63	28.6	22.9	34.3



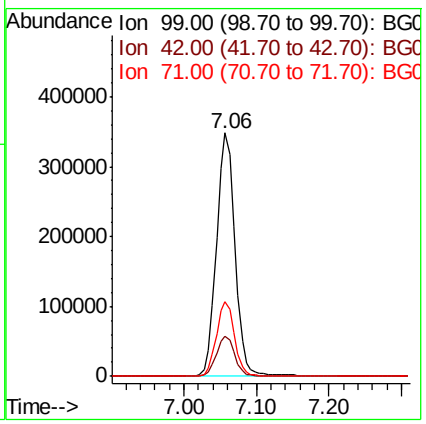


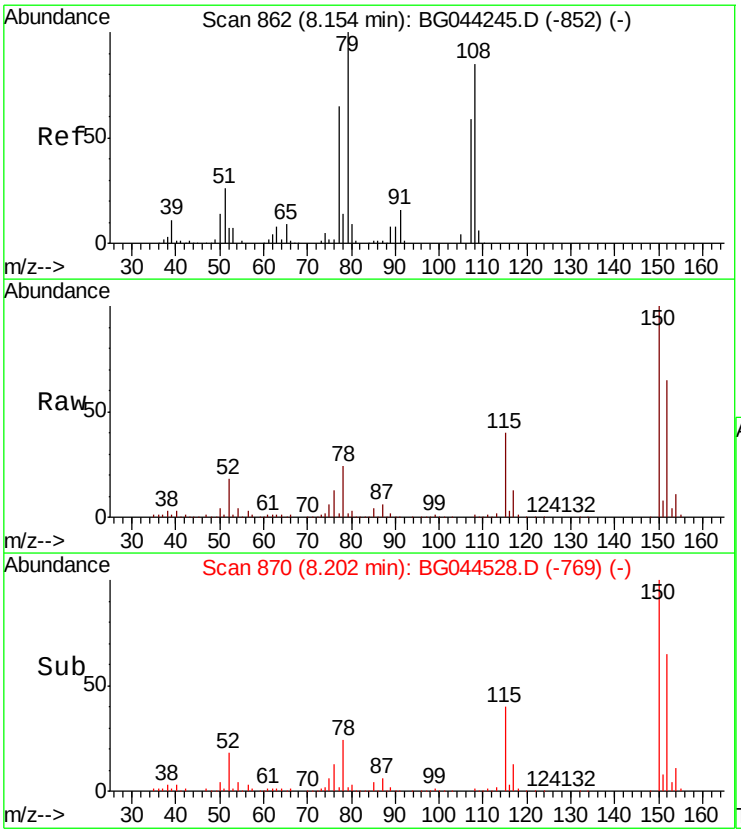
#7
Phenol-d6
Concen: 129.488 ng
RT: 7.06 min Scan# 675
Delta R.T. -0.02 min
Lab File: BG044528.D
Acq: 20 Feb 2020 19:55

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 620902

Ion	Ratio	Lower	Upper
99	100		
42	16.3	13.8	20.6
71	30.8	25.5	38.3

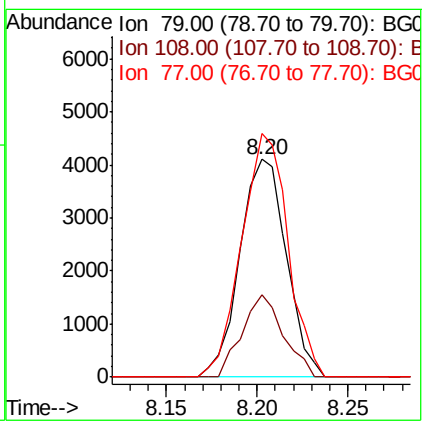


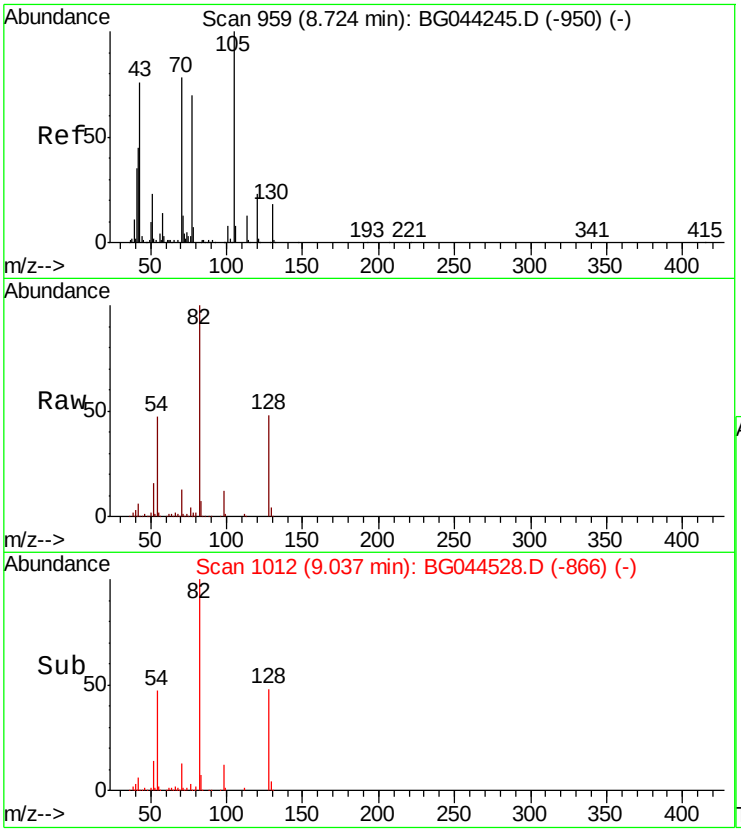


#15
Benzyl Alcohol
Concen: 2.154 ng
RT: 8.20 min Scan# 870
Delta R.T. 0.06 min
Lab File: BG044528.D
Acq: 20 Feb 2020 19:55

Tgt Ion: 79 Resp: 7314

Ion	Ratio	Lower	Upper
79	100		
108	37.6	68.3	102.5#
77	111.8	51.8	77.8#



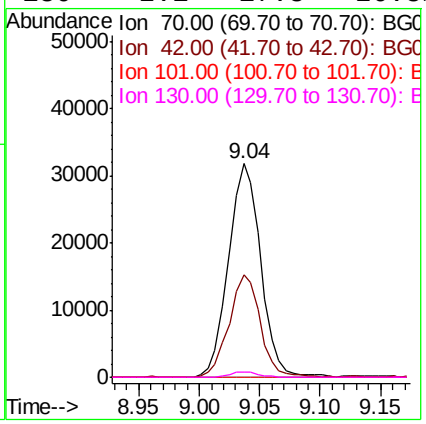


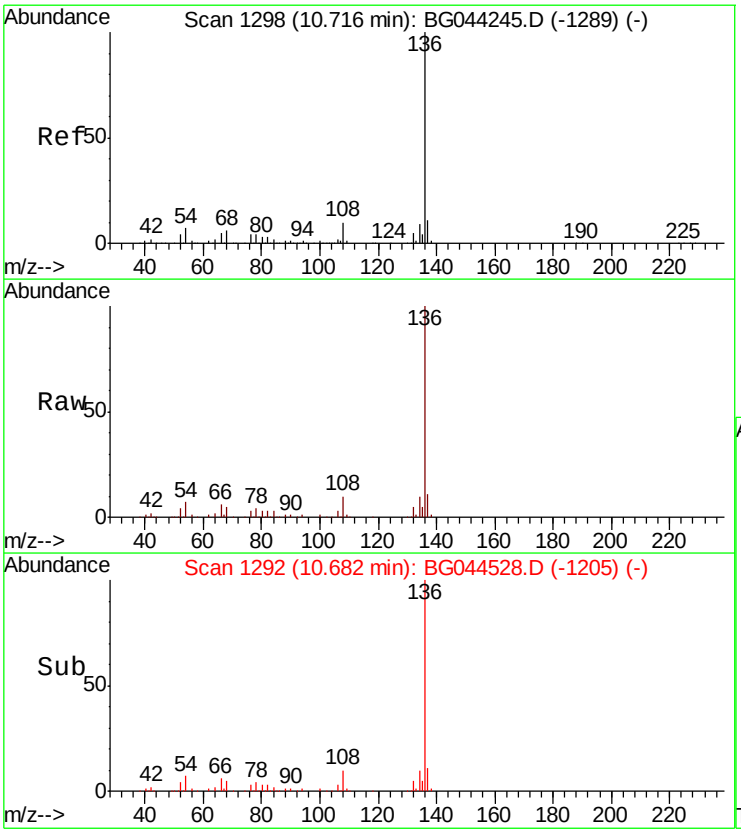
#19
n-Nitroso-di-n-propylamine
Concen: 18.477 ng
RT: 9.04 min Scan# 1012
Delta R.T. 0.33 min
Lab File: BG044528.D
Acq: 20 Feb 2020 19:55

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 59048

Ion	Ratio	Lower	Upper
70	100		
42	47.7	46.2	69.2
101	0.0	8.4	12.6#
130	2.1	17.8	26.8#

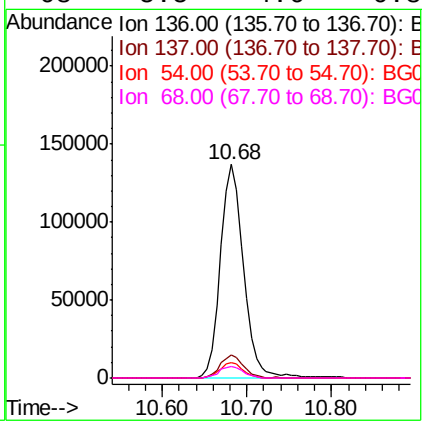


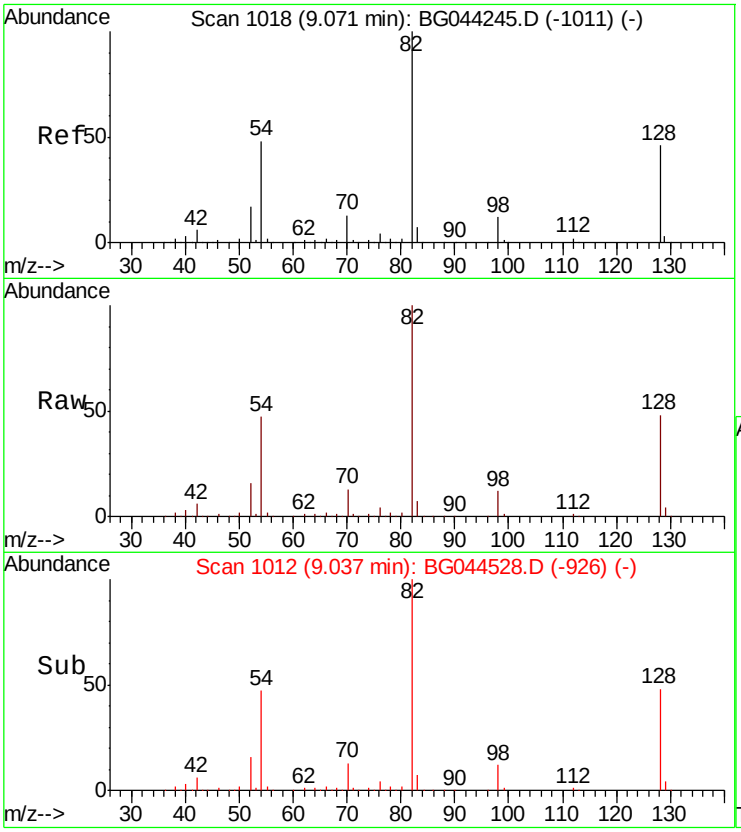


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.68 min Scan# 1292
Delta R.T. -0.02 min
Lab File: BG044528.D
Acq: 20 Feb 2020 19:55

Tgt Ion:136 Resp: 260171

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	7.3	5.8	8.8
68	5.5	4.6	6.8



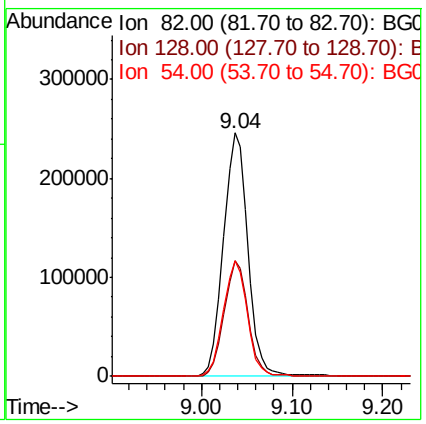


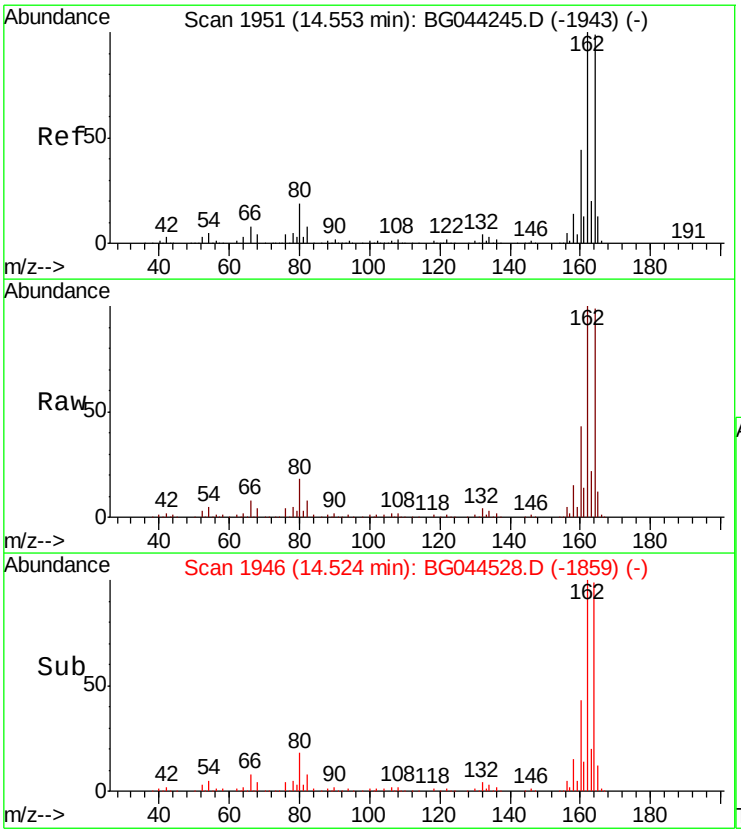
#23
Nitrobenzene-d5
Concen: 100.255 ng
RT: 9.04 min Scan# 1012
Delta R.T. -0.03 min
Lab File: BG044528.D
Acq: 20 Feb 2020 19:55

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 462013

Ion	Ratio	Lower	Upper
82	100		
128	47.6	36.5	54.7
54	47.4	38.6	58.0

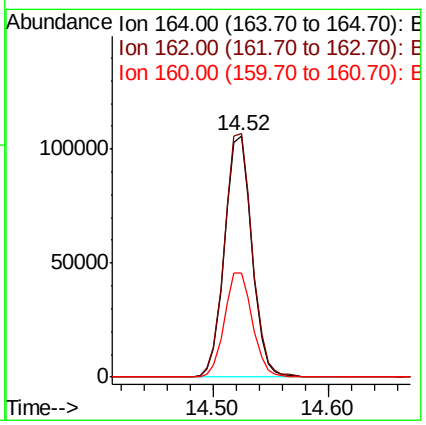


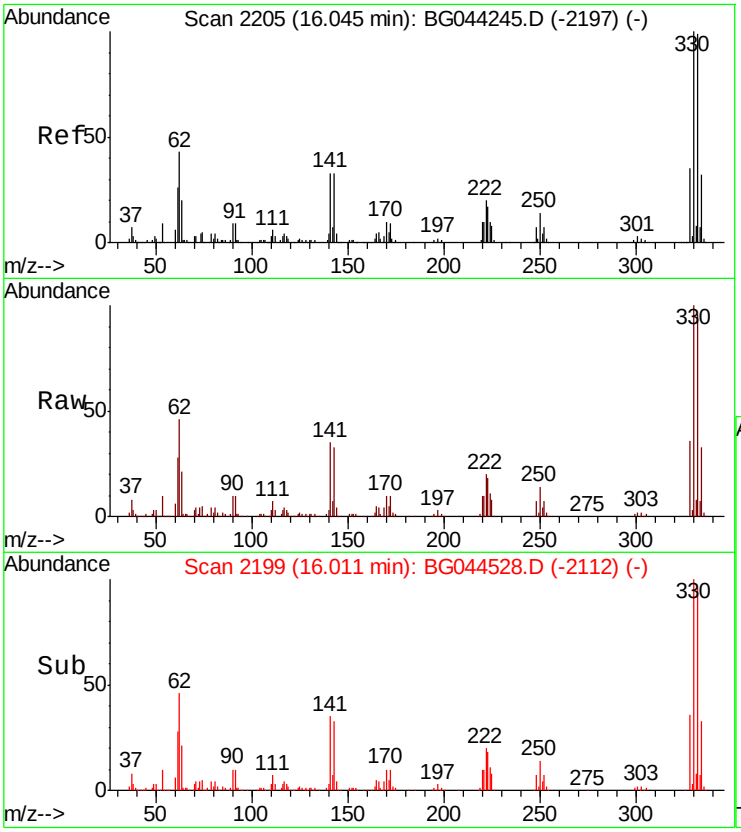


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.52 min Scan# 1946
Delta R.T. -0.02 min
Lab File: BG044528.D
Acq: 20 Feb 2020 19:55

Tgt Ion:164 Resp: 172236

Ion	Ratio	Lower	Upper
164	100		
162	100.9	80.7	121.1
160	43.0	35.3	52.9



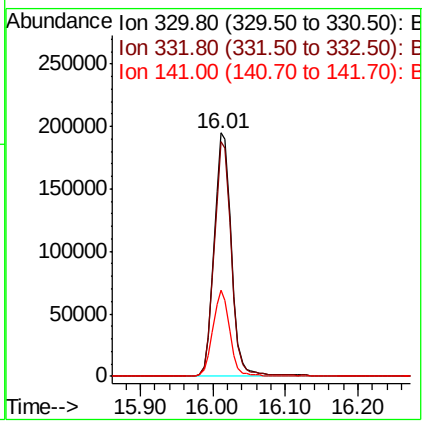


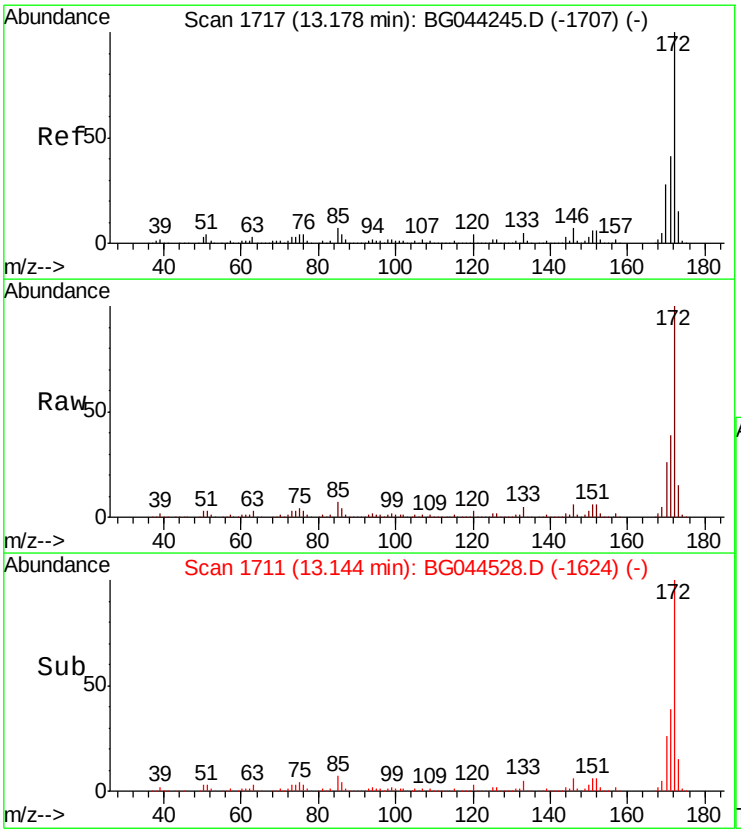
#42
2,4,6-Tribromophenol
Concen: 159.718 ng
RT: 16.01 min Scan# 2199
Delta R.T. -0.02 min
Lab File: BG044528.D
Acq: 20 Feb 2020 19:55

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 322943

Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.2	115.8
141	34.6	28.3	42.5

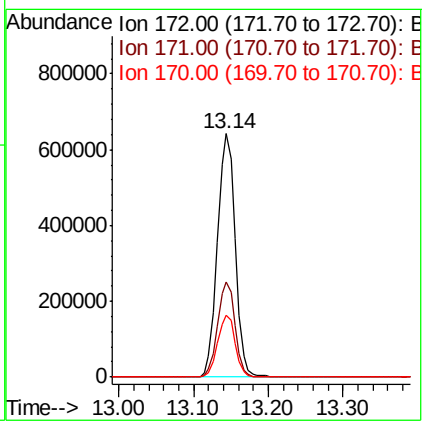


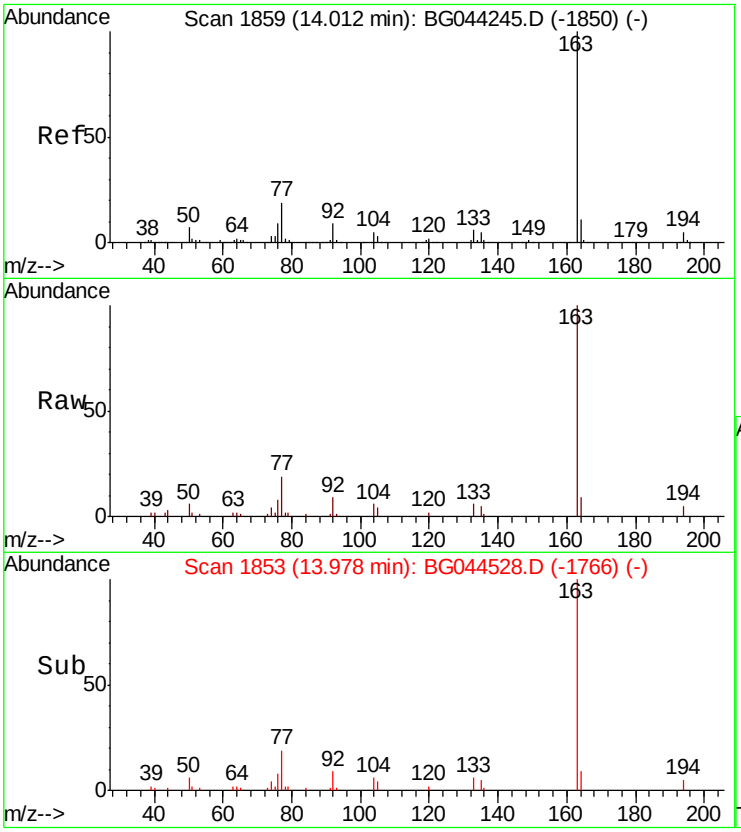


#45
2-Fluorobiphenyl
Concen: 103.434 ng
RT: 13.14 min Scan# 1711
Delta R.T. -0.02 min
Lab File: BG044528.D
Acq: 20 Feb 2020 19:55

Tgt Ion:172 Resp: 1063870

Ion	Ratio	Lower	Upper
172	100		
171	39.1	32.9	49.3
170	25.5	22.0	33.0



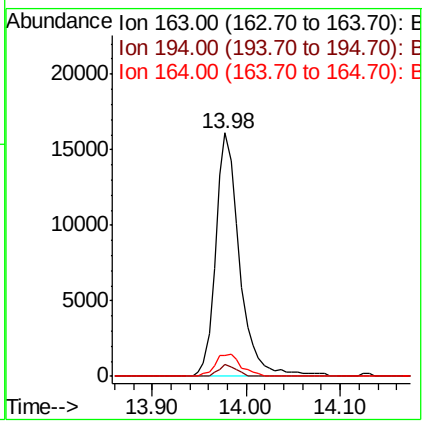


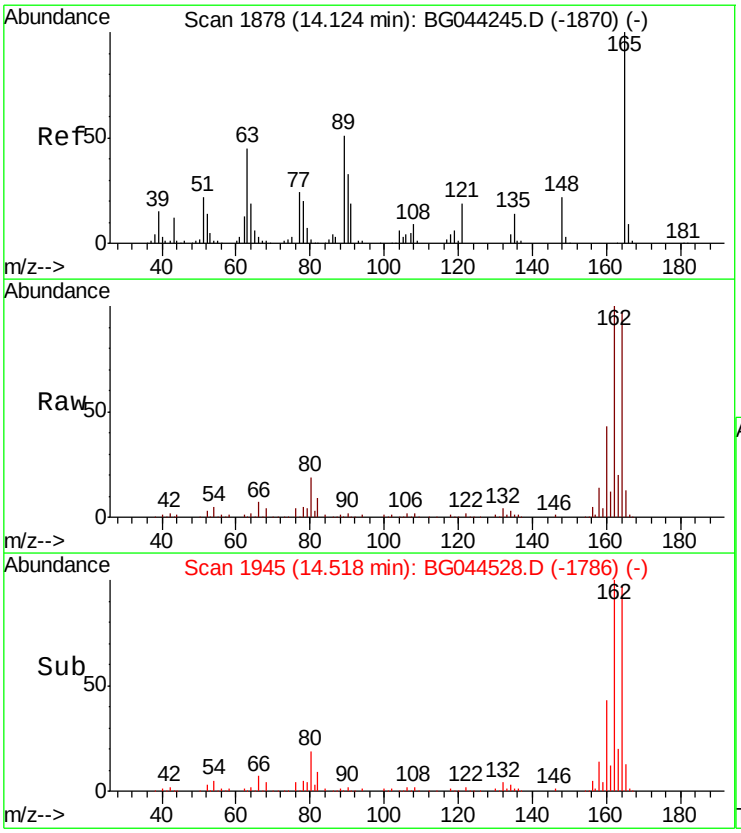
#50
Dimethylphthalate
Concen: 2.307 ng
RT: 13.98 min Scan# 1853
Delta R.T. -0.02 min
Lab File: BG044528.D
Acq: 20 Feb 2020 19:55

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:163 Resp: 28560

Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.6	5.4
164	8.7	8.7	13.1

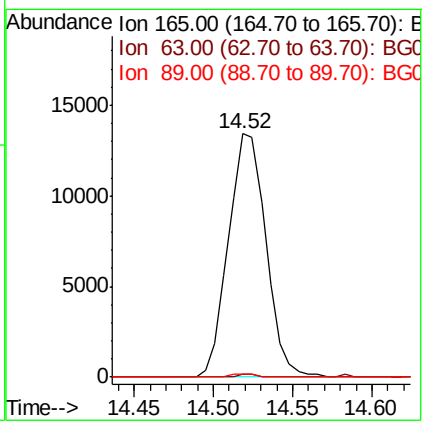


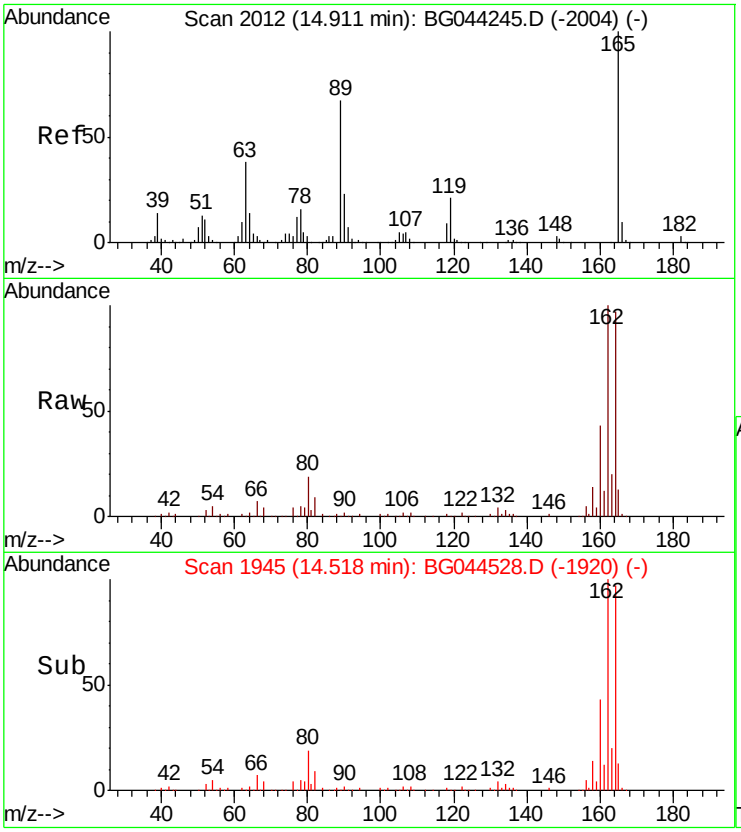


#51
2,6-Dinitrotoluene
Concen: 7.978 ng
RT: 14.52 min Scan# 1945
Delta R.T. 0.40 min
Lab File: BG044528.D
Acq: 20 Feb 2020 19:55

Tgt Ion:165 Resp: 22023

Ion	Ratio	Lower	Upper
165	100		
63	1.2	38.7	58.1#
89	1.3	40.4	60.6#



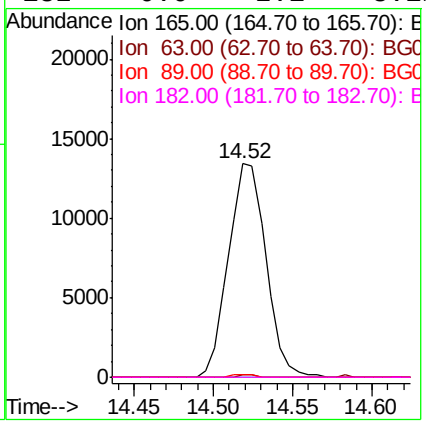


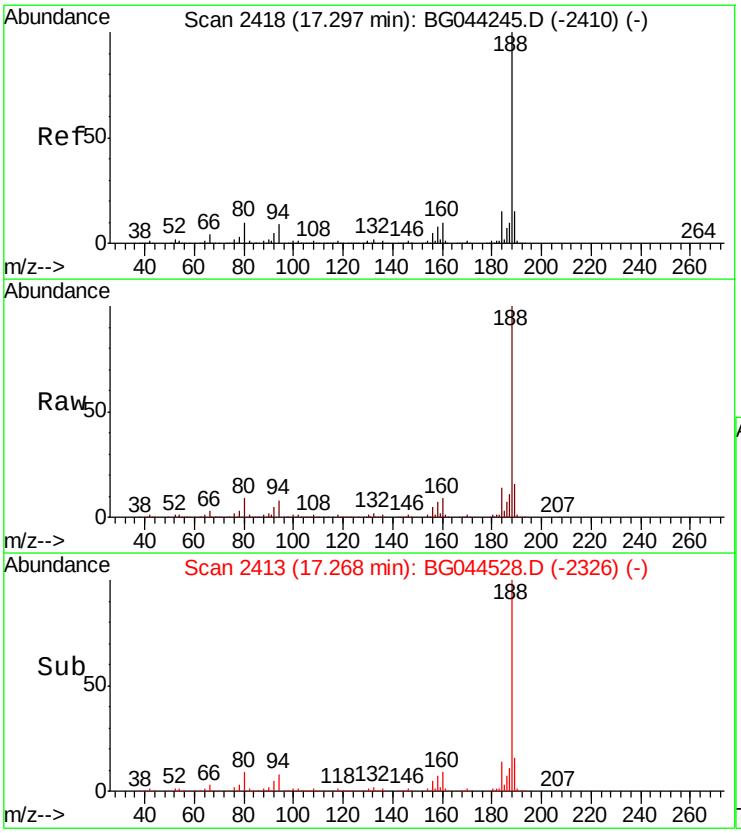
#57
2,4-Dinitrotoluene
Concen: 5.692 ng
RT: 14.52 min Scan# 1945
Delta R.T. -0.38 min
Lab File: BG044528.D
Acq: 20 Feb 2020 19:55

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 22023

Ion	Ratio	Lower	Upper
165	100		
63	1.2	30.3	45.5#
89	1.3	53.4	80.2#
182	0.0	2.1	3.1#

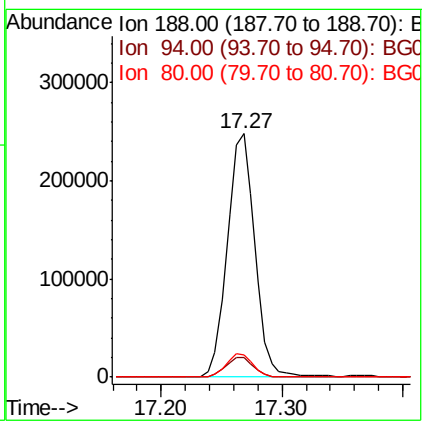


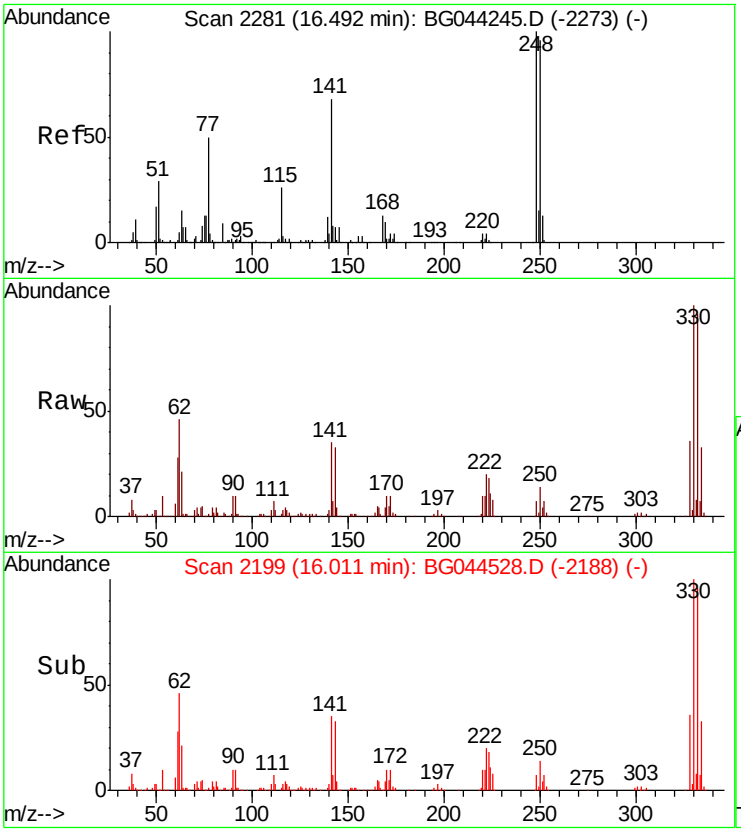


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.27 min Scan# 2413
Delta R.T. -0.02 min
Lab File: BG044528.D
Acq: 20 Feb 2020 19:55

Tgt Ion:188 Resp: 392657

Ion	Ratio	Lower	Upper
188	100		
94	8.2	7.4	11.2
80	9.0	7.7	11.5



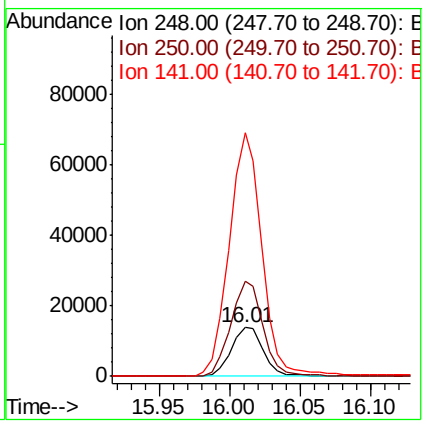


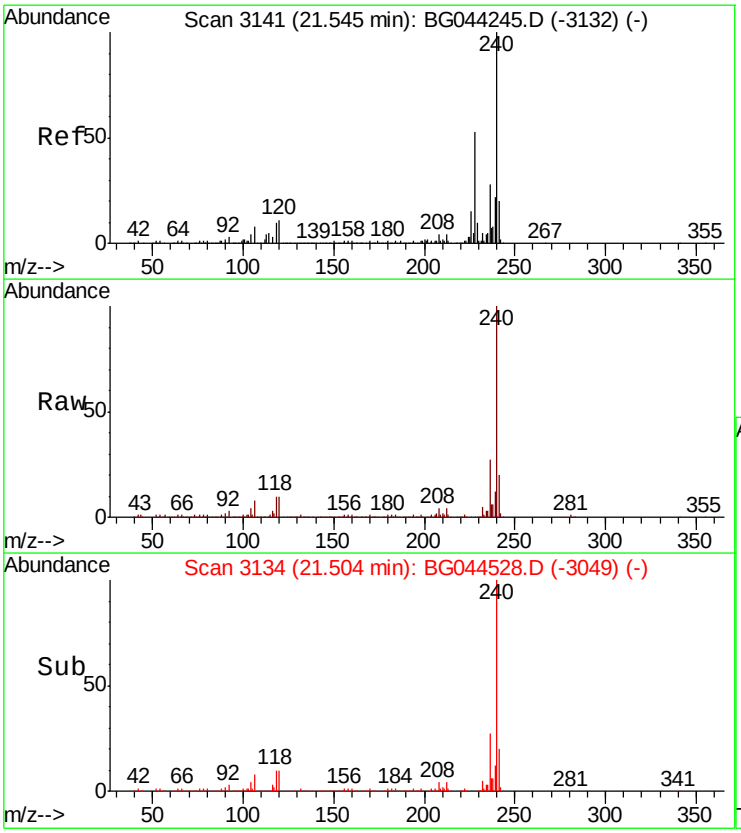
#67
4-Bromophenyl-phenylether
Concen: 5.138 ng
RT: 16.01 min Scan# 2199
Delta R.T. -0.47 min
Lab File: BG044528.D
Acq: 20 Feb 2020 19:55

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 21982

Ion	Ratio	Lower	Upper
248	100		
250	194.8	76.6	114.8#
141	500.5	54.7	82.1#

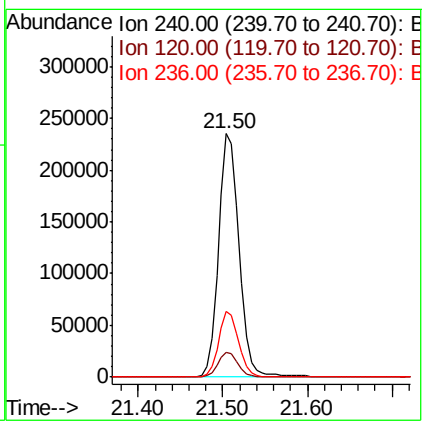


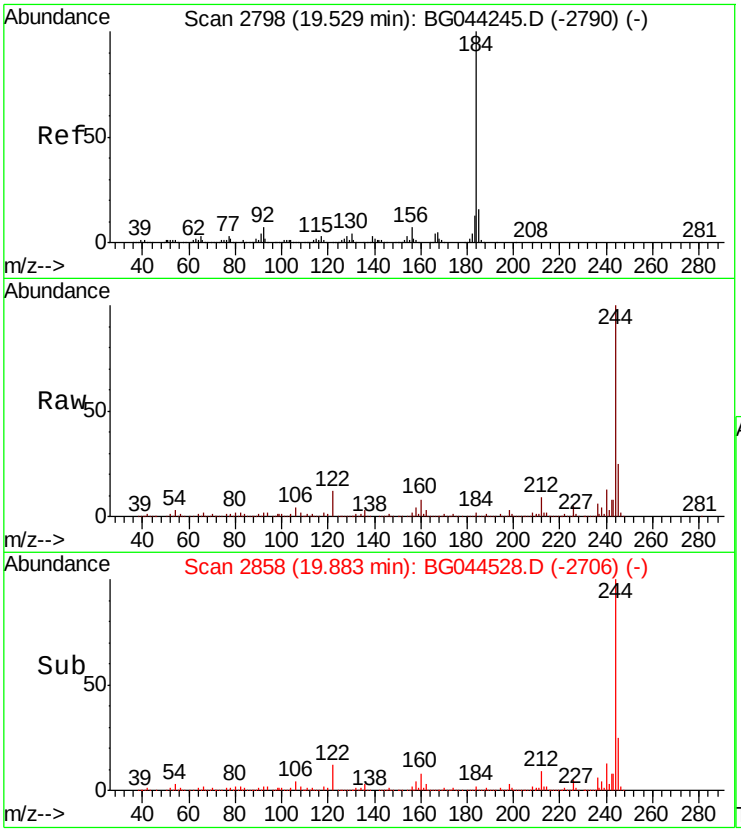


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.50 min Scan# 3134
Delta R.T. -0.03 min
Lab File: BG044528.D
Acq: 20 Feb 2020 19:55

Tgt Ion:240 Resp: 397463

Ion	Ratio	Lower	Upper
240	100		
120	10.2	8.4	12.6
236	26.8	22.1	33.1



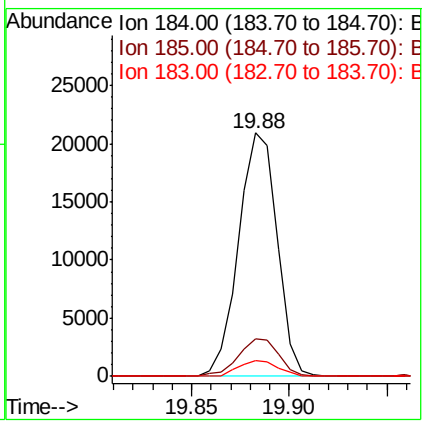


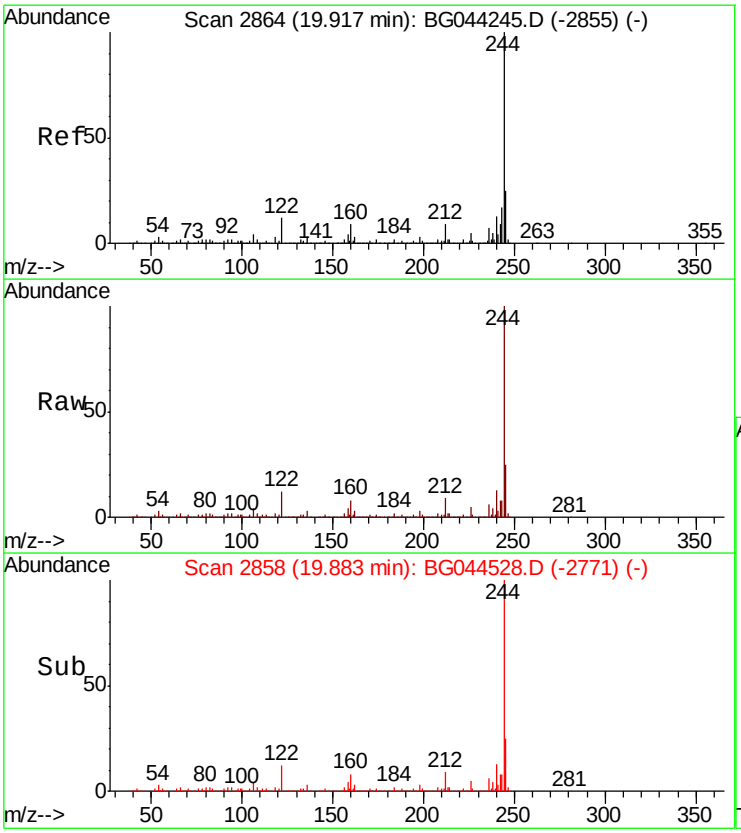
#77
Benzidine
Concen: 2.592 ng
RT: 19.88 min Scan# 2858
Delta R.T. 0.36 min
Lab File: BG044528.D
Acq: 20 Feb 2020 19:55

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 28578

Ion	Ratio	Lower	Upper
184	100		
185	15.2	12.9	19.3
183	6.3	10.8	16.2#

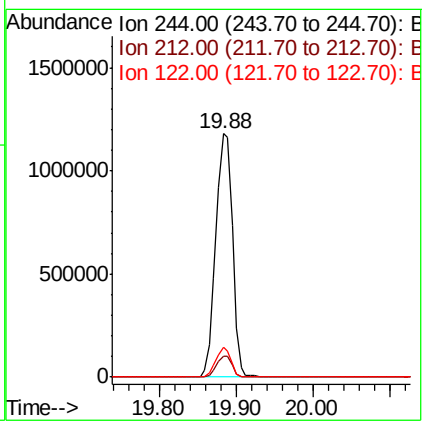


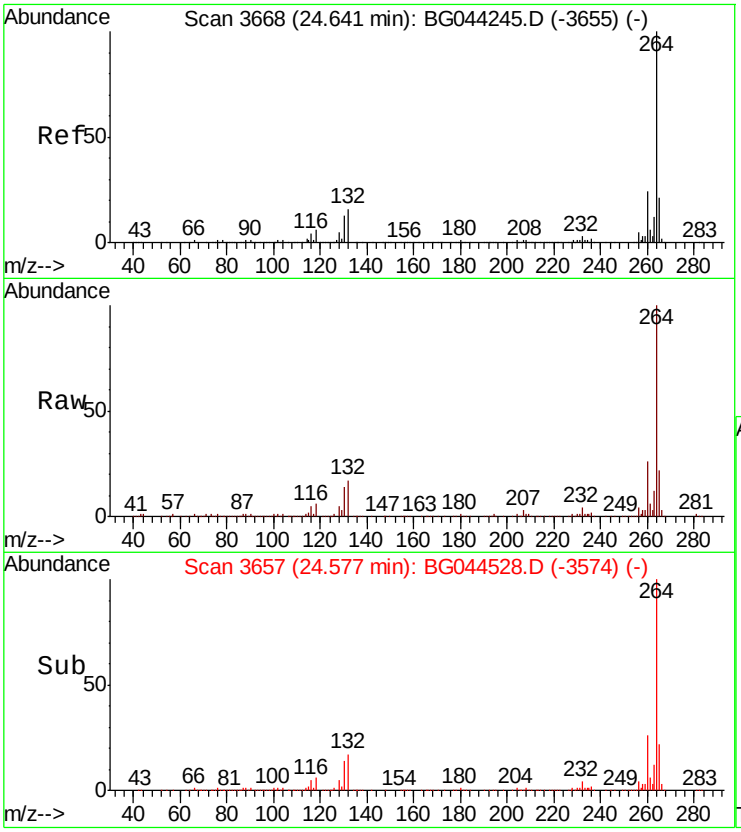


#79
Terphenyl-d14
Concen: 91.396 ng
RT: 19.88 min Scan# 2858
Delta R.T. -0.02 min
Lab File: BG044528.D
Acq: 20 Feb 2020 19:55

Tgt Ion:244 Resp: 1766113

Ion	Ratio	Lower	Upper
244	100		
212	8.7	7.4	11.2
122	12.1	9.8	14.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.58 min Scan# 3657
Delta R.T. -0.04 min
Lab File: BG044528.D
Acq: 20 Feb 2020 19:55

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 415740

Ion	Ratio	Lower	Upper
264	100		
260	25.6	19.4	29.2
265	22.3	16.7	25.1