Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091819\
Data File : BG042887.D
Acq On : 18 Sep 2019 9:56
Operator : HP/JU
Sample : PB123079BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Sep 19 02:10:14 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	8.10	152	55548	20.00	ng	-0.03
21) Naphthalene-d8	10.91	136	219934	20.00	ng	-0.03
39) Acenaphthene-d10	14.72	164	165352	20.00	ng	-0.03
64) Phenanthrene-d10	17.47	188	387300	20.00	ng	-0.02
76) Chrysene-d12	21.74	240	362284	20.00	ng	-0.03
87) Perylene-d12	25.00	264	372263	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	464294	145.32	ng	0.02
7) Phenol-d6	7.30	99	710590	154.95	ng	0.03
23) Nitrobenzene-d5	9.27	82	455071	107.72	ng	-0.01
42) 2,4,6-Tribromophenol	16.21	330	384403	174.74	ng	-0.01
45) 2-Fluorobiphenyl	13.35	172	1133438	108.51	ng	-0.03
79) Terphenyl-d14	20.07	244	1926421	117.85	ng	-0.02
Target Compounds						Qvalue
15) Benzyl Alcohol	8.43	79	7946	2.019	ng	# 42
19) n-Nitroso-di-n-propylamine	9.27	70	63801	18.880	ng	# 73
32) Benzoic acid	10.52	122	59	5.985	ng	# 1
51) 2,6-Dinitrotoluene	14.72	165	22217	8.741	ng	# 21
57) 2,4-Dinitrotoluene	14.72	165	22217	6.558	ng	# 24
67) 4-Bromophenyl-phenylether	16.21	248	24913	5.314	ng	# 1
77) Benzidine	20.07	184	36570	3.613	ng	# 93

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

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ClientSampleId :

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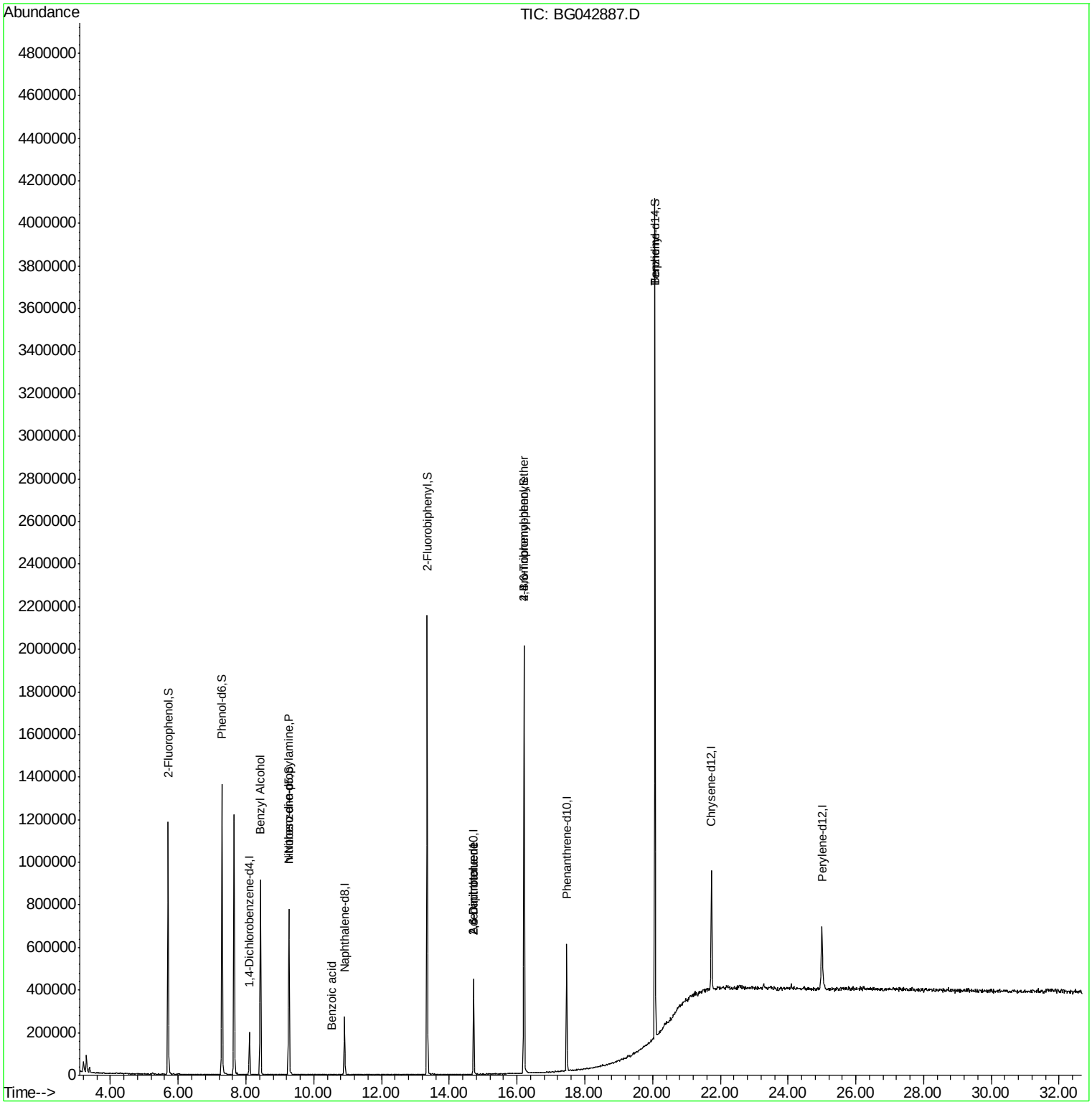
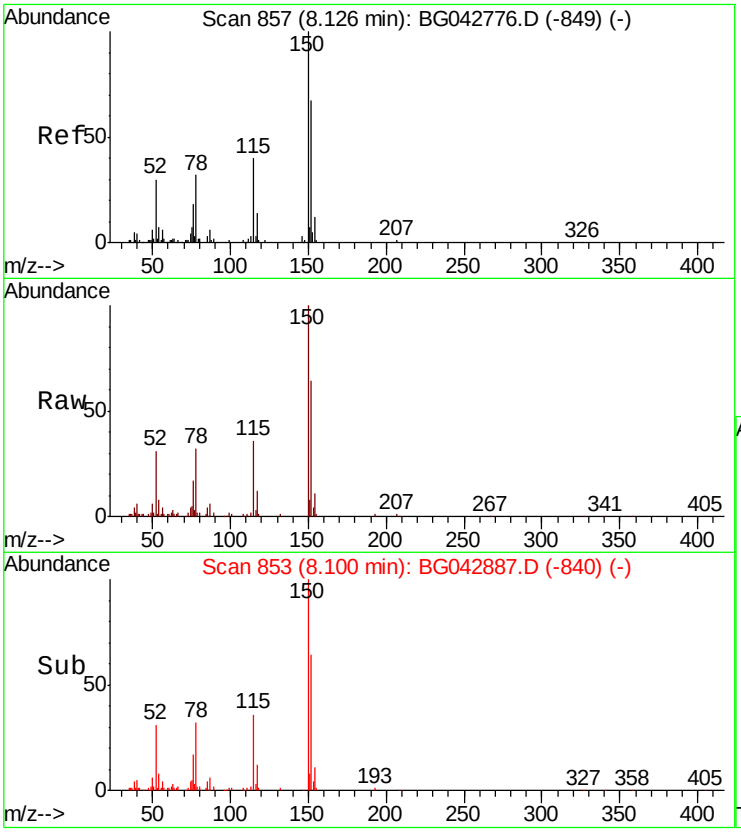
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 12 14:06:09 2019
Response via : Initial Calibration



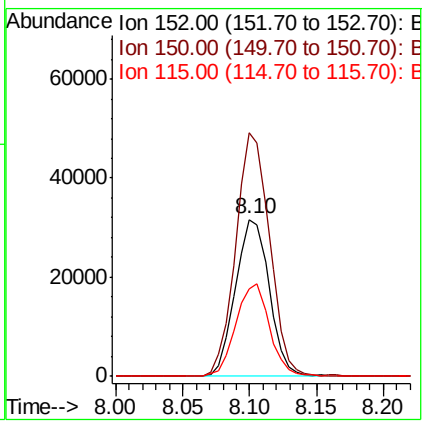


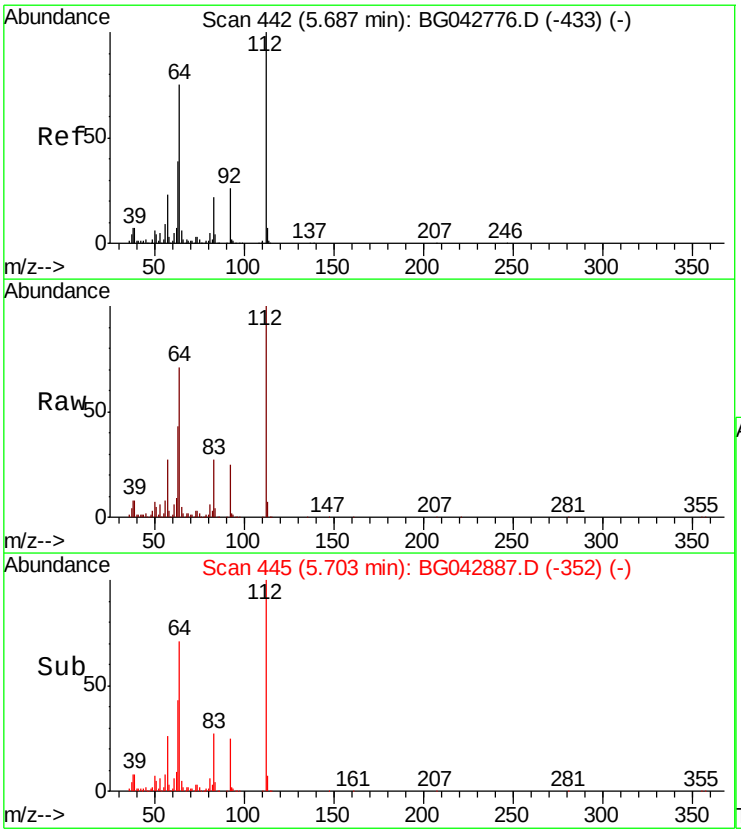
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 853
Delta R.T. -0.03 min
Lab File: BG042887.D
Acq: 18 Sep 2019 9:56

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 55548

Ion	Ratio	Lower	Upper
152	100		
150	155.3	118.9	178.3
115	55.9	47.4	71.2

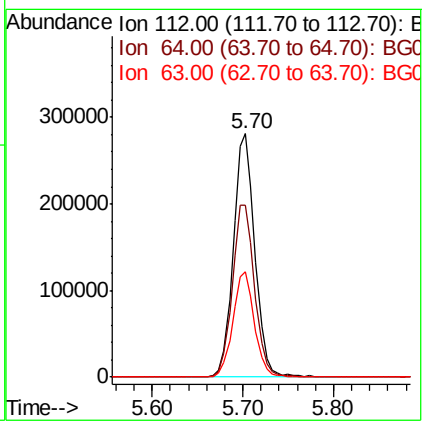


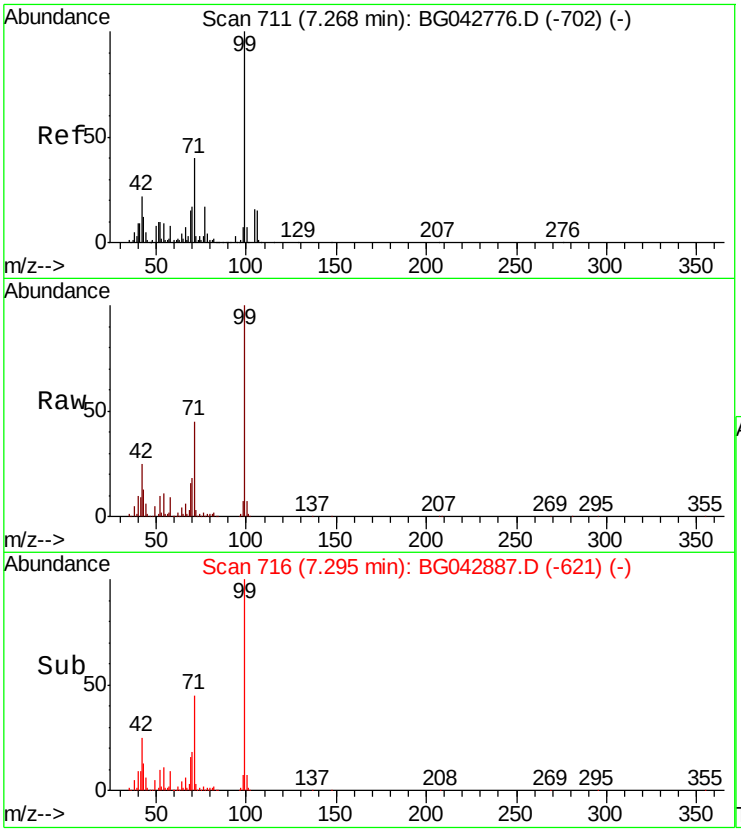


#5
2-Fluorophenol
Concen: 145.315 ng
RT: 5.70 min Scan# 445
Delta R.T. 0.02 min
Lab File: BG042887.D
Acq: 18 Sep 2019 9:56

Tgt Ion:112 Resp: 464294

Ion	Ratio	Lower	Upper
112	100		
64	70.5	60.2	90.2
63	43.3	31.2	46.8



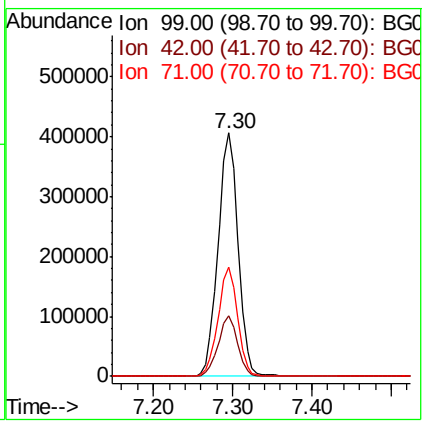


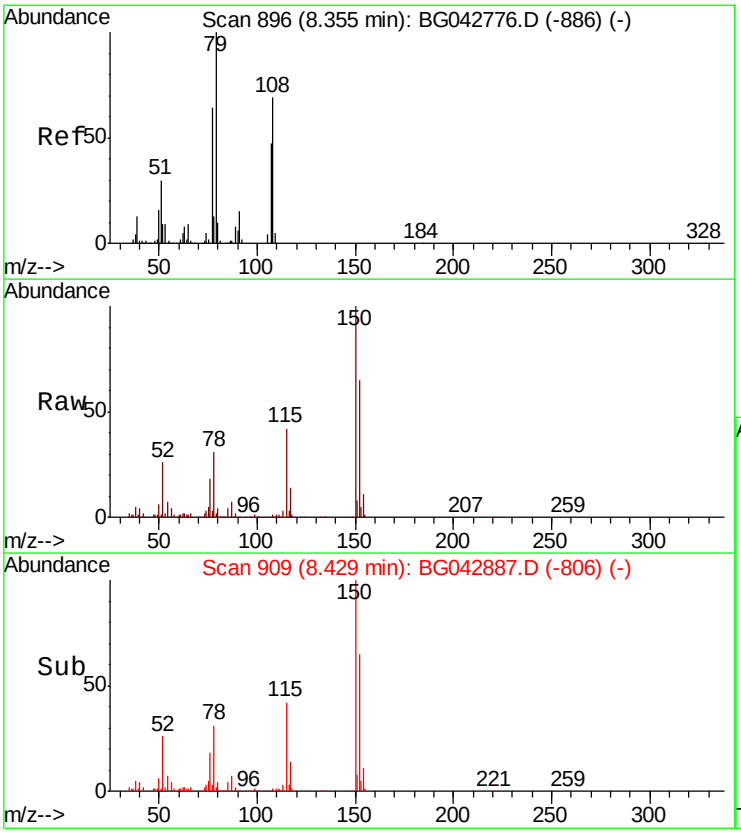
#7
Phenol-d6
Concen: 154.947 ng
RT: 7.30 min Scan# 716
Delta R.T. 0.03 min
Lab File: BG042887.D
Acq: 18 Sep 2019 9:56

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 710590

Ion	Ratio	Lower	Upper
99	100		
42	24.9	17.5	26.3
71	45.0	32.0	48.0

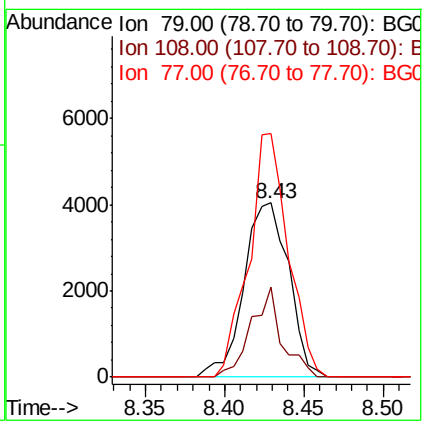


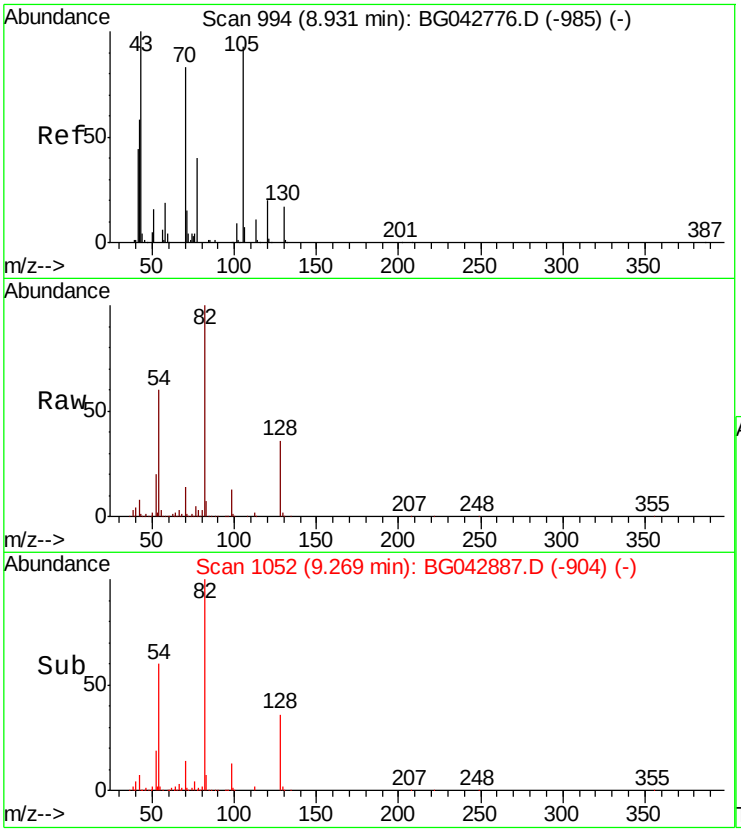


#15
Benzyl Alcohol
Concen: 2.019 ng
RT: 8.43 min Scan# 909
Delta R.T. 0.07 min
Lab File: BG042887.D
Acq: 18 Sep 2019 9:56

Tgt Ion: 79 Resp: 7946

Ion	Ratio	Lower	Upper
79	100		
108	52.0	54.9	82.3#
77	139.9	51.0	76.6#



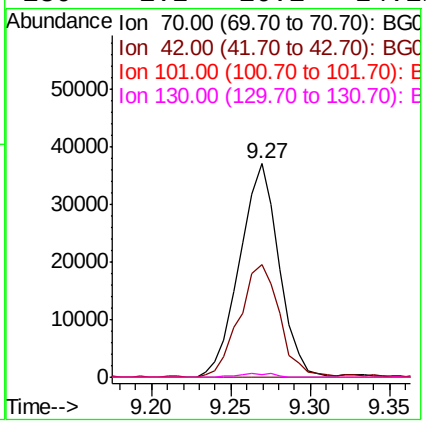


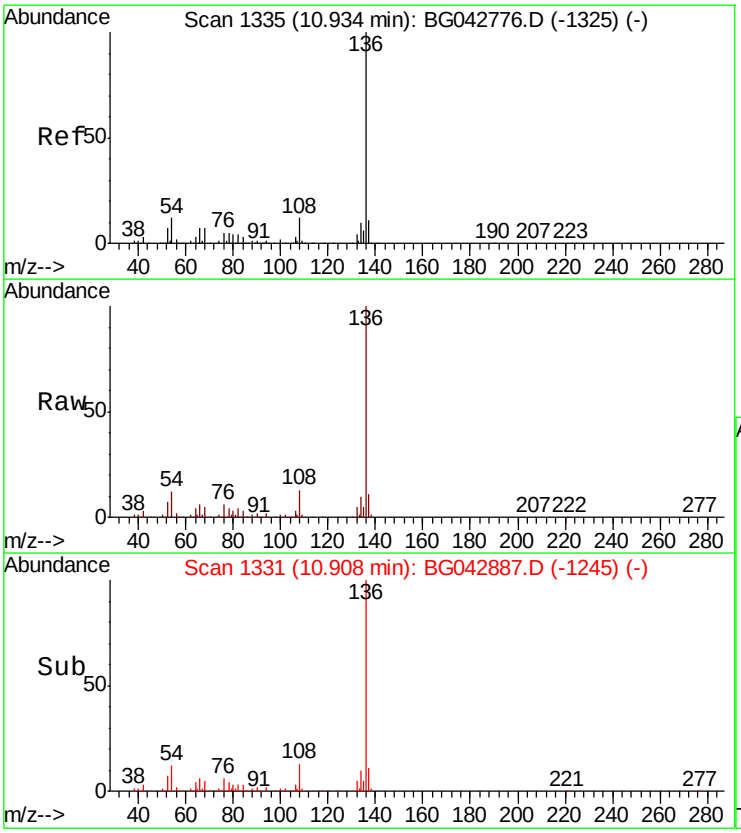
#19
n-Nitroso-di-n-propylamine
Concen: 18.880 ng
RT: 9.27 min Scan# 1052
Delta R.T. 0.34 min
Lab File: BG042887.D
Acq: 18 Sep 2019 9:56

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 63801

Ion	Ratio	Lower	Upper
70	100		
42	52.5	57.0	85.6#
101	0.0	8.4	12.6#
130	1.2	16.1	24.1#

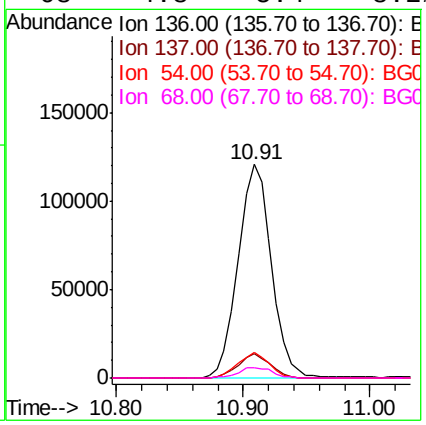


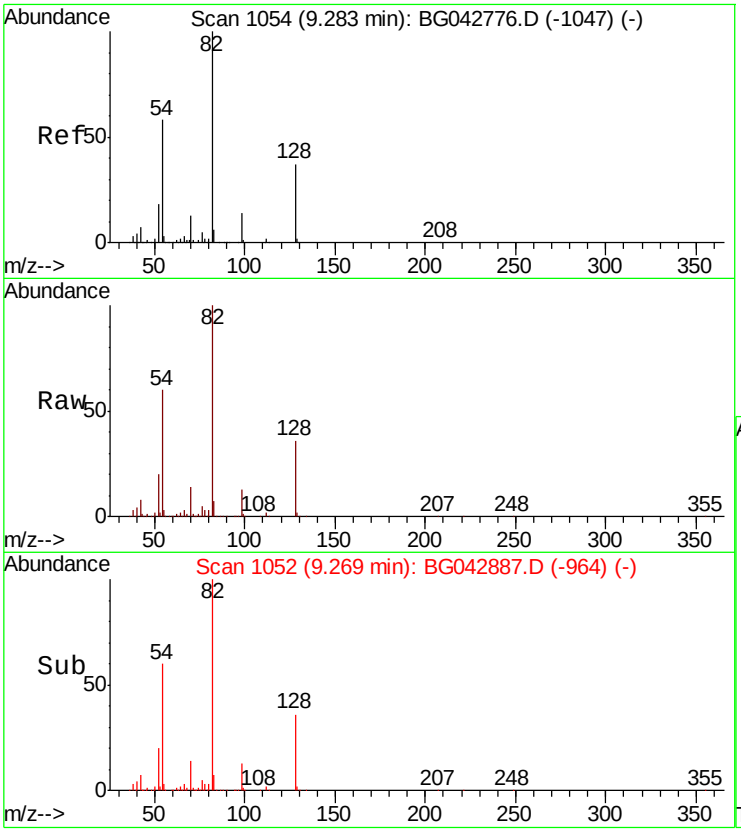


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1331
Delta R.T. -0.03 min
Lab File: BG042887.D
Acq: 18 Sep 2019 9:56

Tgt Ion:136 Resp: 219934

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.6
54	11.9	9.4	14.0
68	4.8	5.4	8.2#



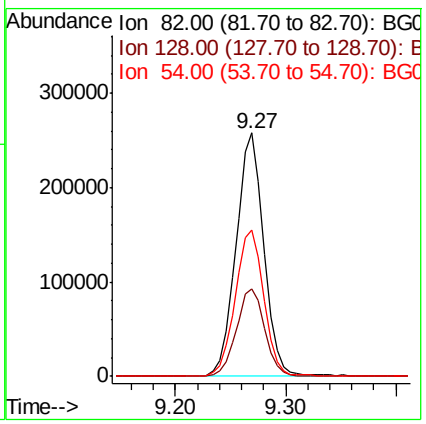


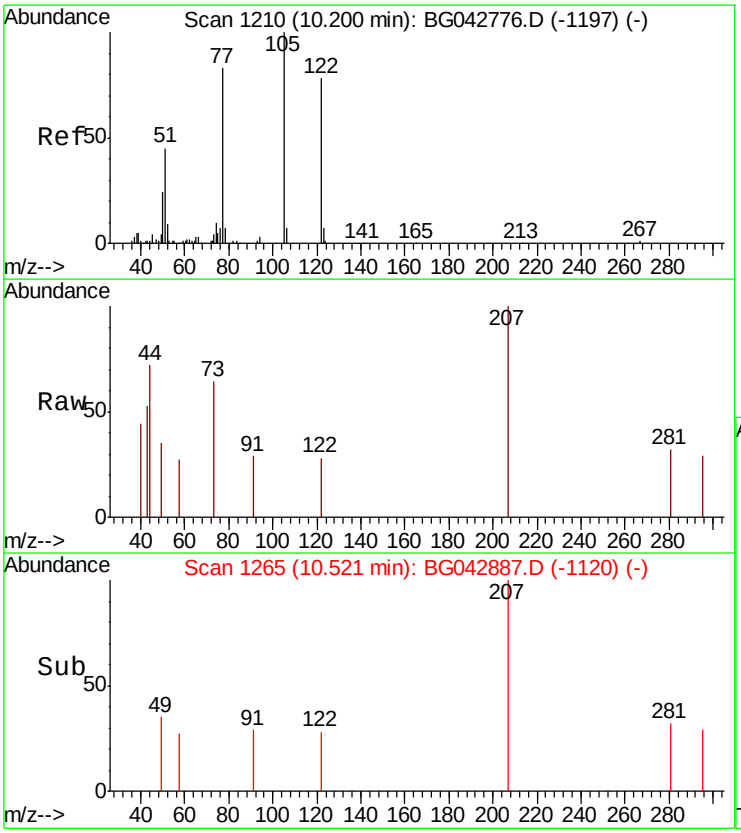
#23
Nitrobenzene-d5
Concen: 107.724 ng
RT: 9.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BG042887.D
Acq: 18 Sep 2019 9:56

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 455071

Ion	Ratio	Lower	Upper
82	100		
128	35.9	29.8	44.8
54	60.3	46.1	69.1

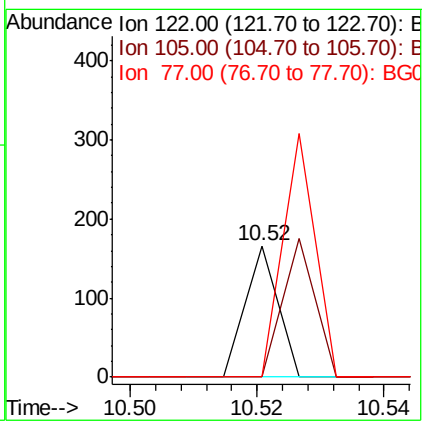


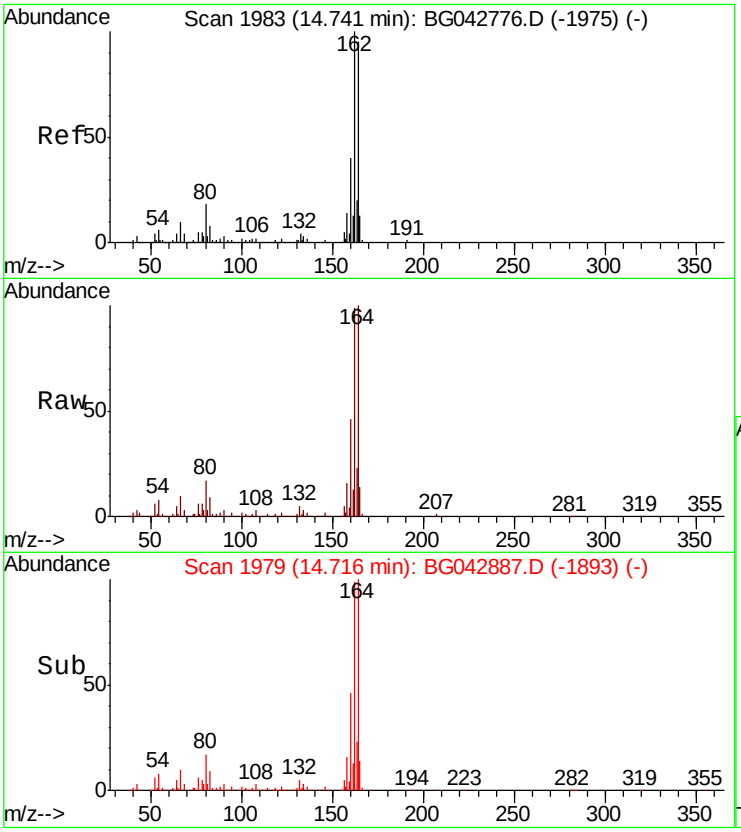


#32
Benzoic acid
Concen: 5.985 ng
RT: 10.52 min Scan# 1265
Delta R.T. 0.32 min
Lab File: BG042887.D
Acq: 18 Sep 2019 9:56

Tgt Ion:122 Resp: 59

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



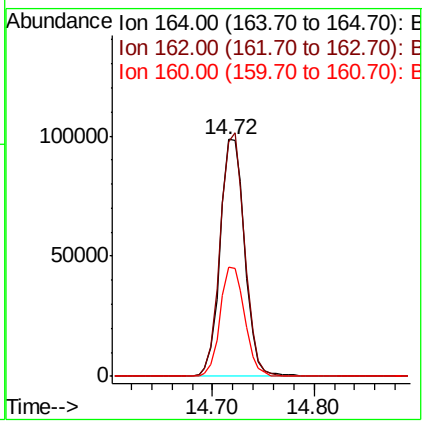


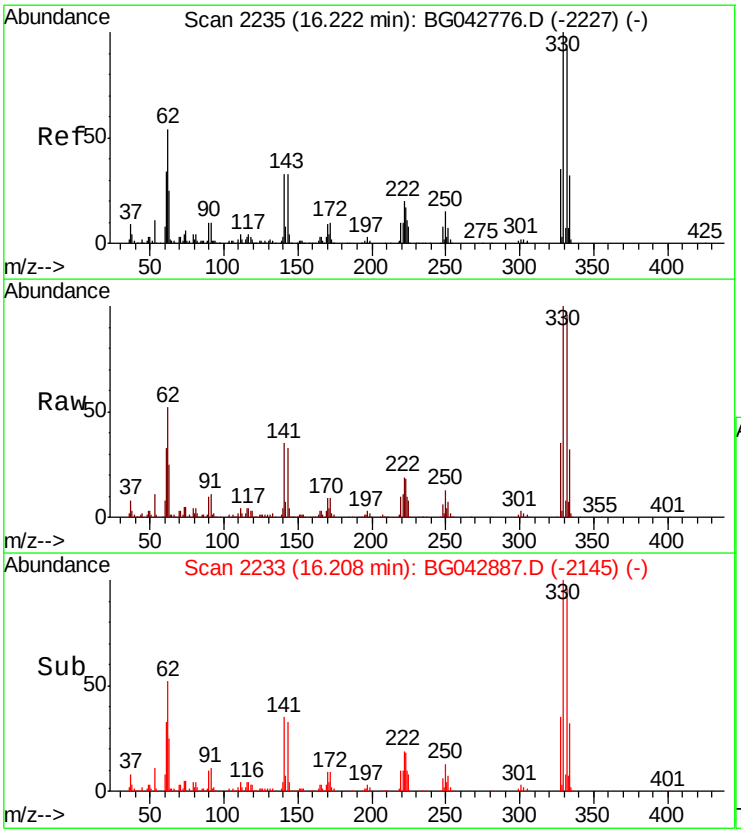
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1979
Delta R.T. -0.03 min
Lab File: BG042887.D
Acq: 18 Sep 2019 9:56

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 165352

Ion	Ratio	Lower	Upper
164	100		
162	98.9	84.6	126.8
160	45.9	34.2	51.2

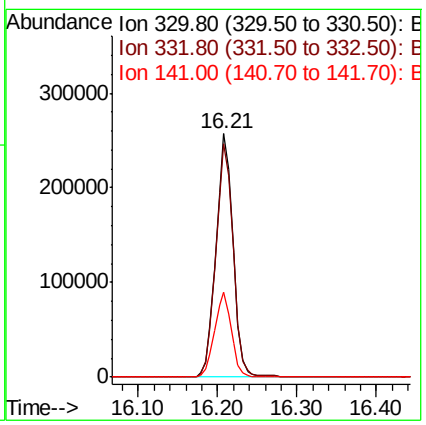


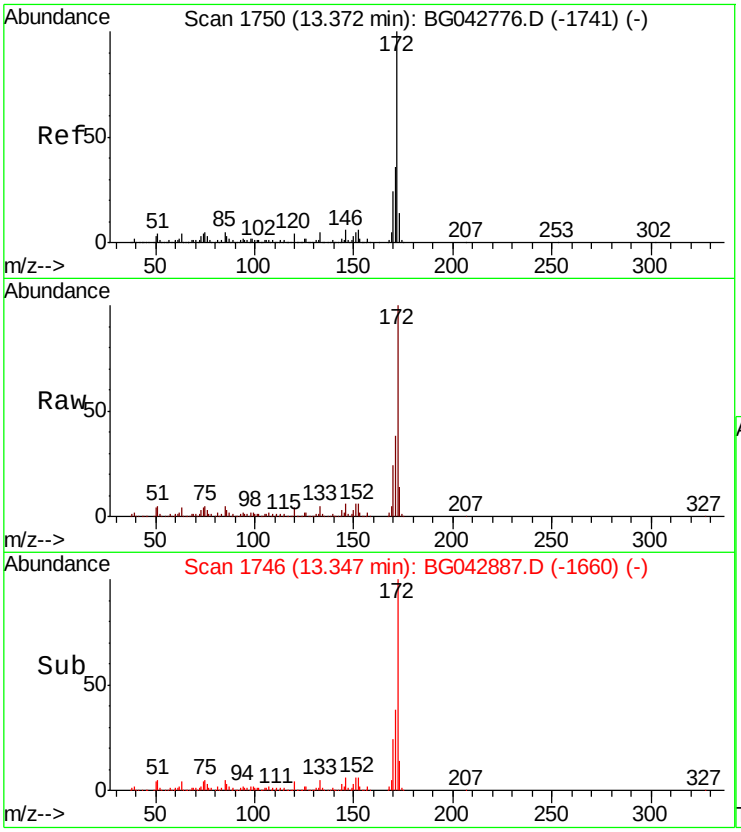


#42
2,4,6-Tribromophenol
Concen: 174.738 ng
RT: 16.21 min Scan# 2233
Delta R.T. -0.01 min
Lab File: BG042887.D
Acq: 18 Sep 2019 9:56

Tgt Ion:330 Resp: 384403

Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.7	115.1
141	34.4	27.0	40.6



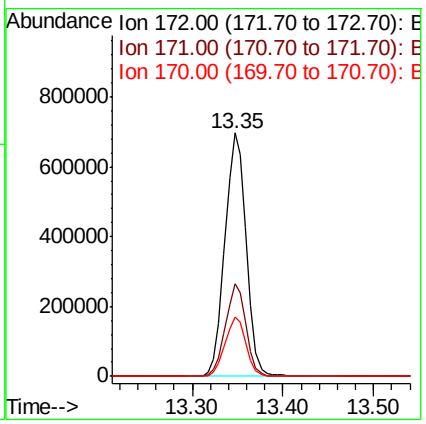


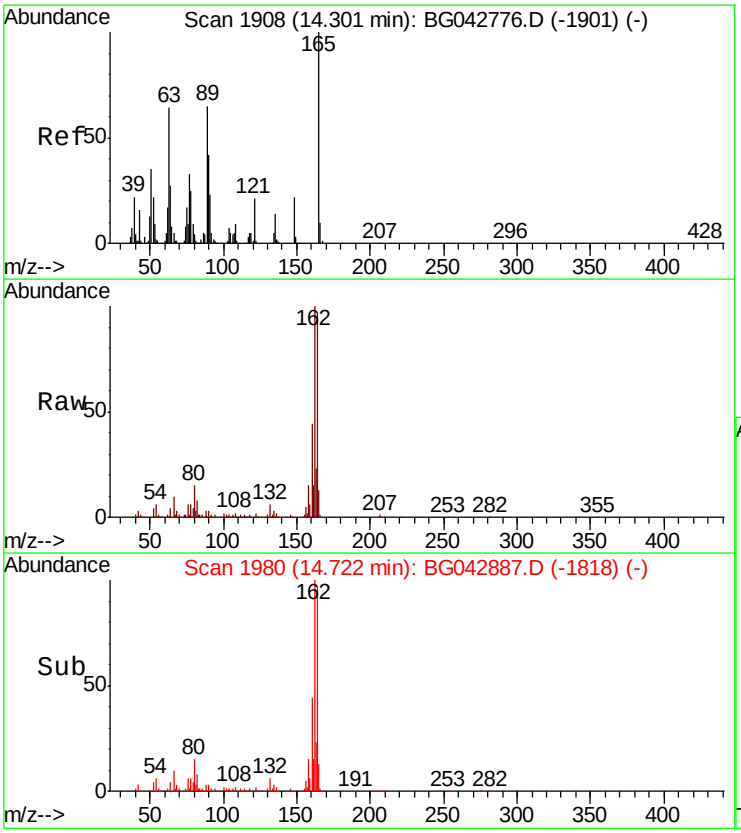
#45
2-Fluorobiphenyl
Concen: 108.505 ng
RT: 13.35 min Scan# 1746
Delta R.T. -0.03 min
Lab File: BG042887.D
Acq: 18 Sep 2019 9:56

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 1133438

Ion	Ratio	Lower	Upper
172	100		
171	37.9	28.9	43.3
170	24.4	19.1	28.7

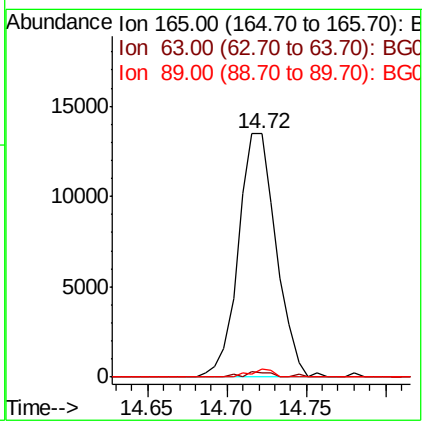


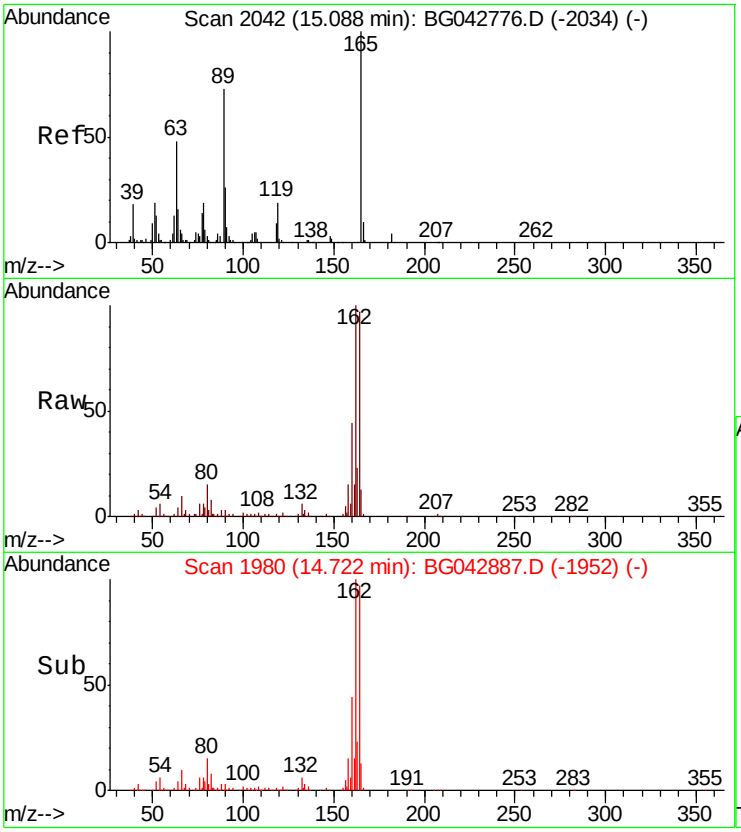


#51
2,6-Dinitrotoluene
Concen: 8.741 ng
RT: 14.72 min Scan# 1980
Delta R.T. 0.42 min
Lab File: BG042887.D
Acq: 18 Sep 2019 9:56

Tgt Ion:165 Resp: 22217

Ion	Ratio	Lower	Upper
165	100		
63	1.5	52.1	78.1#
89	3.1	51.7	77.5#



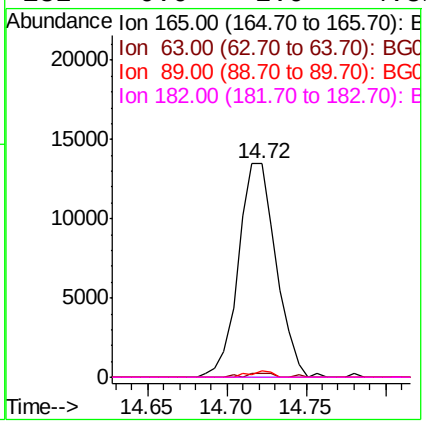


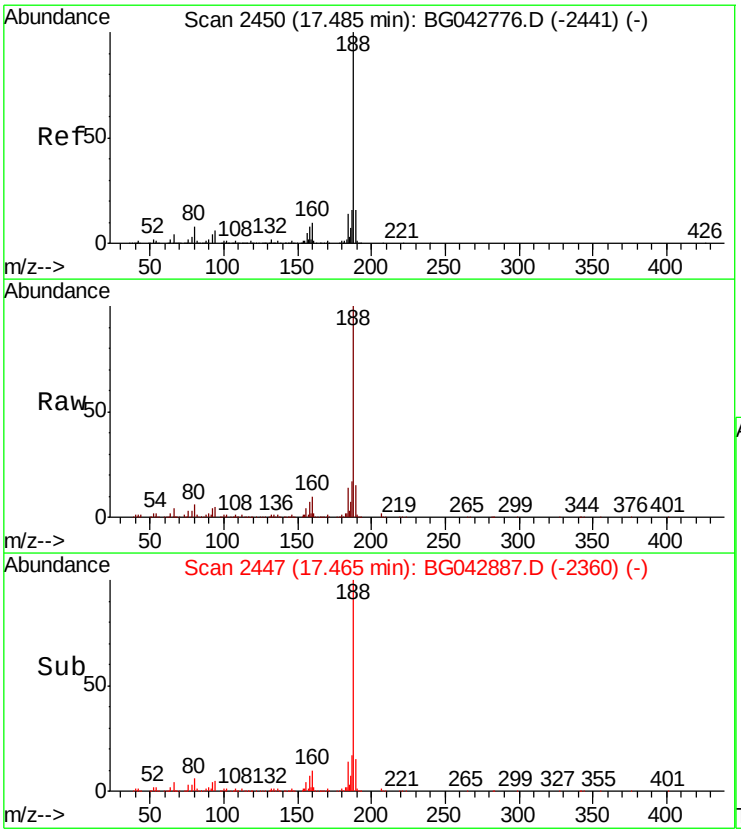
#57
2,4-Dinitrotoluene
Concen: 6.558 ng
RT: 14.72 min Scan# 1980
Delta R.T. -0.37 min
Lab File: BG042887.D
Acq: 18 Sep 2019 9:56

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 22217

Ion	Ratio	Lower	Upper
165	100		
63	1.5	38.3	57.5#
89	3.1	58.4	87.6#
182	0.0	2.9	4.3#

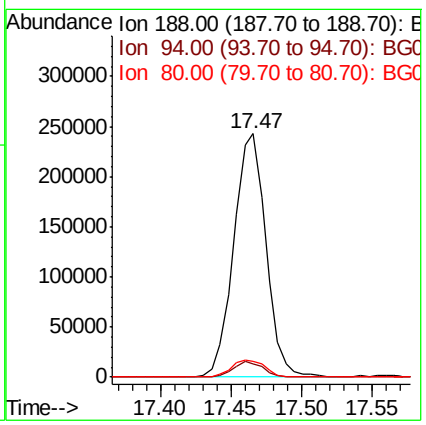


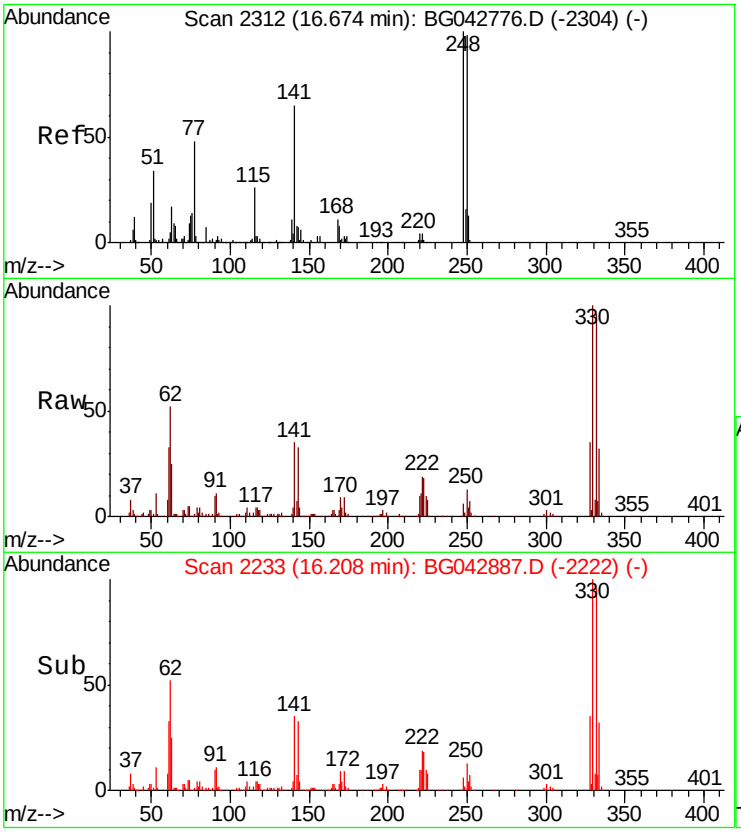


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2447
Delta R.T. -0.02 min
Lab File: BG042887.D
Acq: 18 Sep 2019 9:56

Tgt Ion:188 Resp: 387300

Ion	Ratio	Lower	Upper
188	100		
94	5.5	4.8	7.2
80	6.3	6.6	9.8#



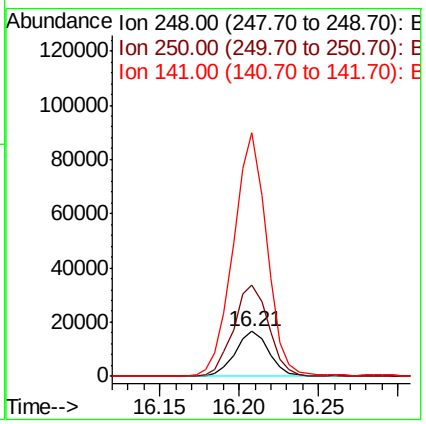


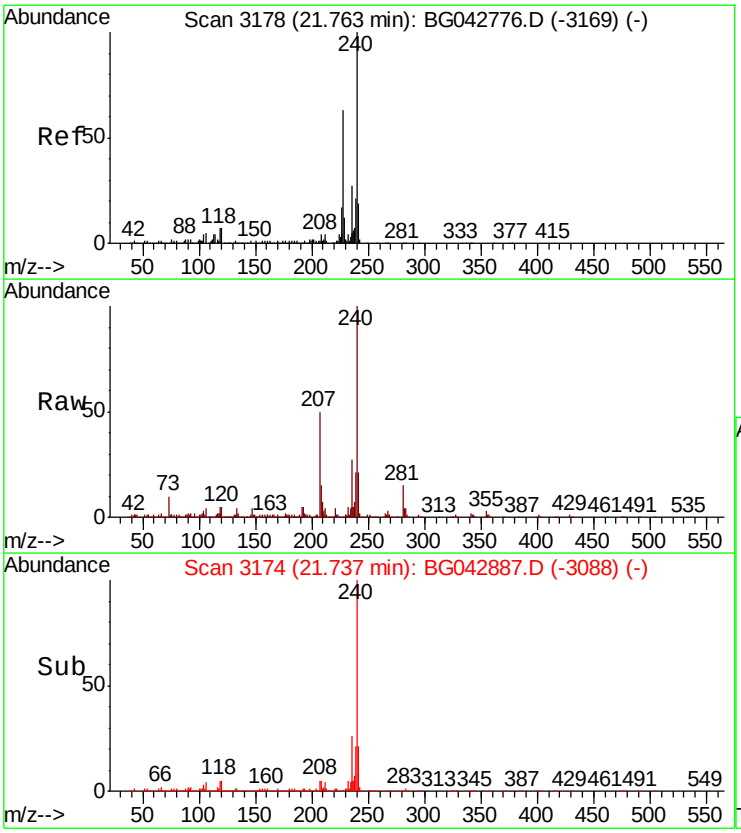
#67
4-Bromophenyl-phenylether
Concen: 5.314 ng
RT: 16.21 min Scan# 2233
Delta R.T. -0.47 min
Lab File: BG042887.D
Acq: 18 Sep 2019 9:56

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 24913

Ion	Ratio	Lower	Upper
248	100		
250	204.5	78.0	117.0#
141	545.5	51.8	77.6#

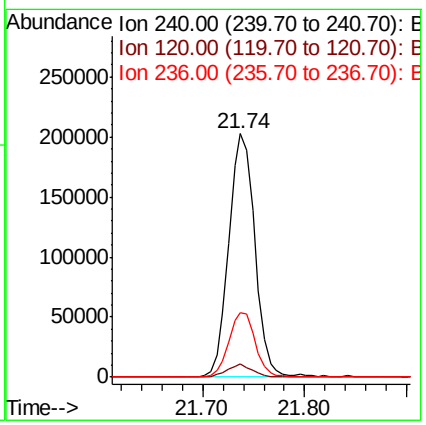


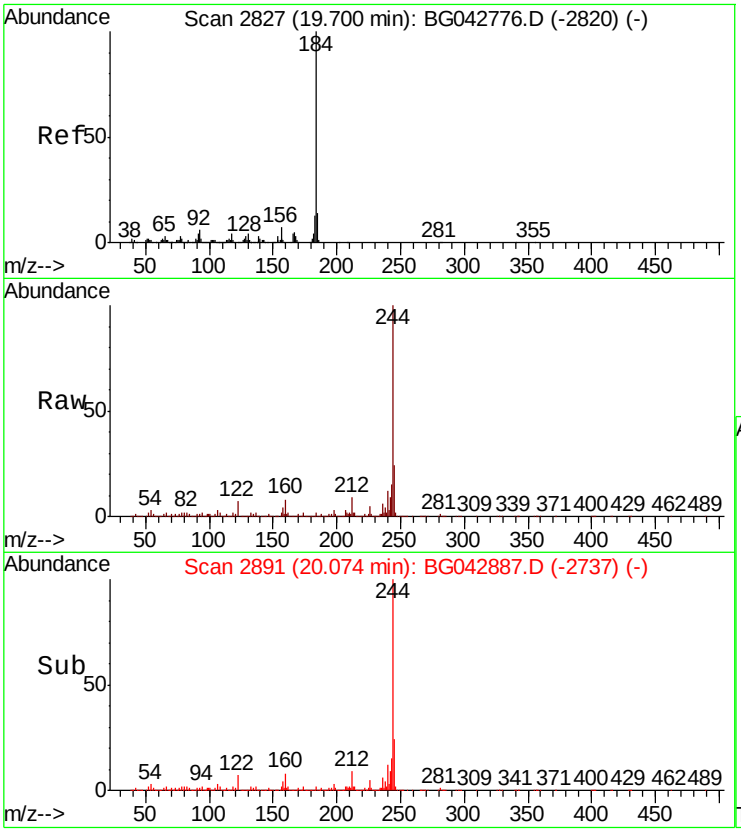


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.74 min Scan# 3174
Delta R.T. -0.03 min
Lab File: BG042887.D
Acq: 18 Sep 2019 9:56

Tgt Ion:240 Resp: 362284

Ion	Ratio	Lower	Upper
240	100		
120	5.2	5.4	8.2#
236	26.6	21.7	32.5



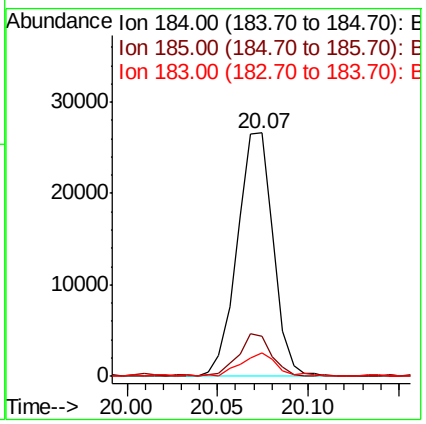


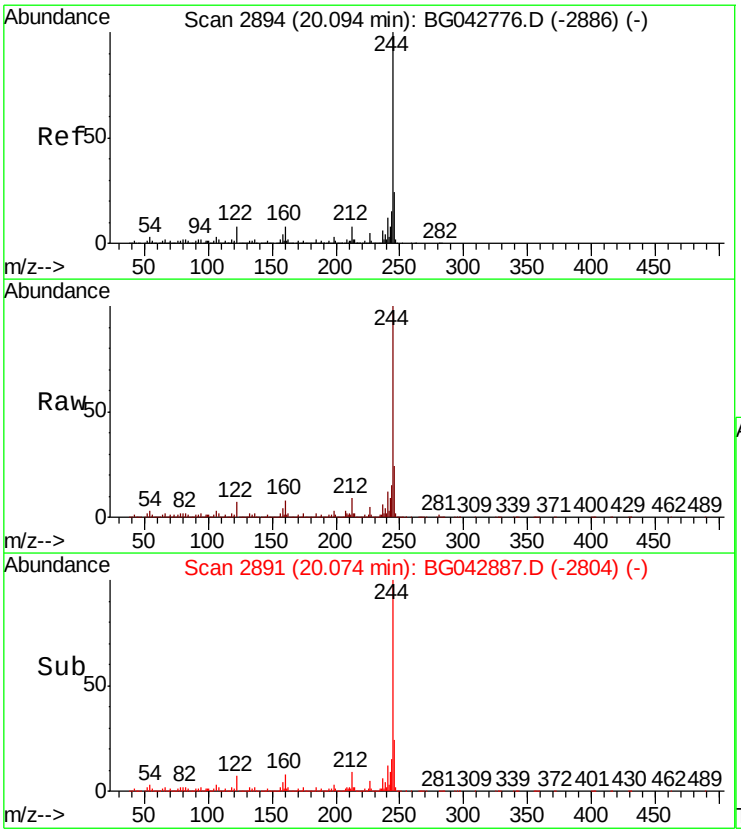
#77
Benzidine
Concen: 3.613 ng
RT: 20.07 min Scan# 2891
Delta R.T. 0.37 min
Lab File: BG042887.D
Acq: 18 Sep 2019 9:56

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 36570

Ion	Ratio	Lower	Upper
184	100		
185	16.7	11.6	17.4
183	9.5	10.4	15.6#

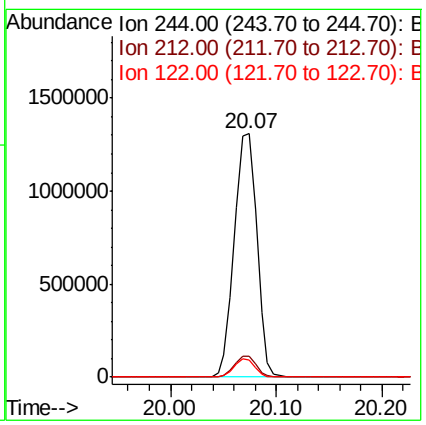


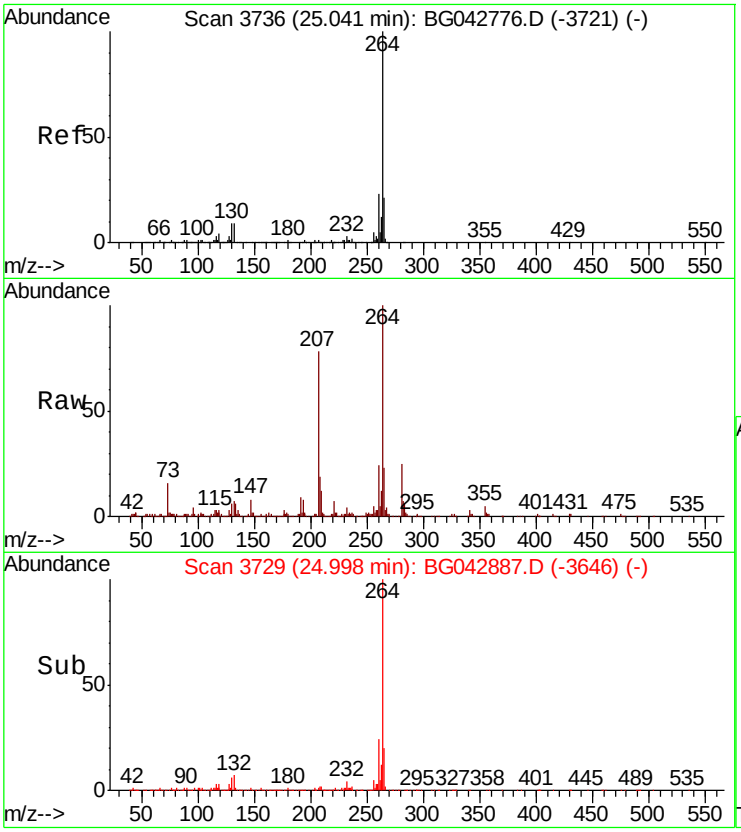


#79
Terphenyl-d14
Concen: 117.849 ng
RT: 20.07 min Scan# 2891
Delta R.T. -0.02 min
Lab File: BG042887.D
Acq: 18 Sep 2019 9:56

Tgt Ion:244 Resp: 1926421

Ion	Ratio	Lower	Upper
244	100		
212	8.7	6.6	10.0
122	7.1	6.2	9.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.00 min Scan# 3729
Delta R.T. -0.04 min
Lab File: BG042887.D
Acq: 18 Sep 2019 9:56

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 372263

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.2	27.2
265	23.0	16.9	25.3