Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101619\
Data File : BG043256.D
Acq On : 16 Oct 2019 22:10
Operator : JU
Sample : K5350-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : VNJ-230

Quant Time: Oct 17 01:55:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 09 01:11:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	54497	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	188359	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	135487	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	314245	20.00	ng	0.00
76) Chrysene-d12	21.70	240	331712	20.00	ng	0.00
87) Perylene-d12	24.93	264	391028	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	394819	129.29	ng	0.00
7) Phenol-d6	7.22	99	559539	127.24	ng	0.00
23) Nitrobenzene-d5	9.22	82	342592	88.40	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	326693	140.22	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	859661	91.98	ng	0.00
79) Terphenyl-d14	20.03	244	1449076	93.09	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.25	94	9404	2.331	ng	# 40
19) n-Nitroso-di-n-propylamine	9.22	70	47190	16.343	ng	# 72
50) Dimethylphthalate	14.13	163	100417	9.892	ng	97
57) 2,4-Dinitrotoluene	14.67	165	17599	5.559	ng	# 27
67) 4-Bromophenyl-phenylether	16.16	248	21230	5.383	ng	# 1
77) Benzidine	20.03	184	20968	2.525	ng	# 88

(#) = 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 : Wed Oct 09 01:11:45 2019
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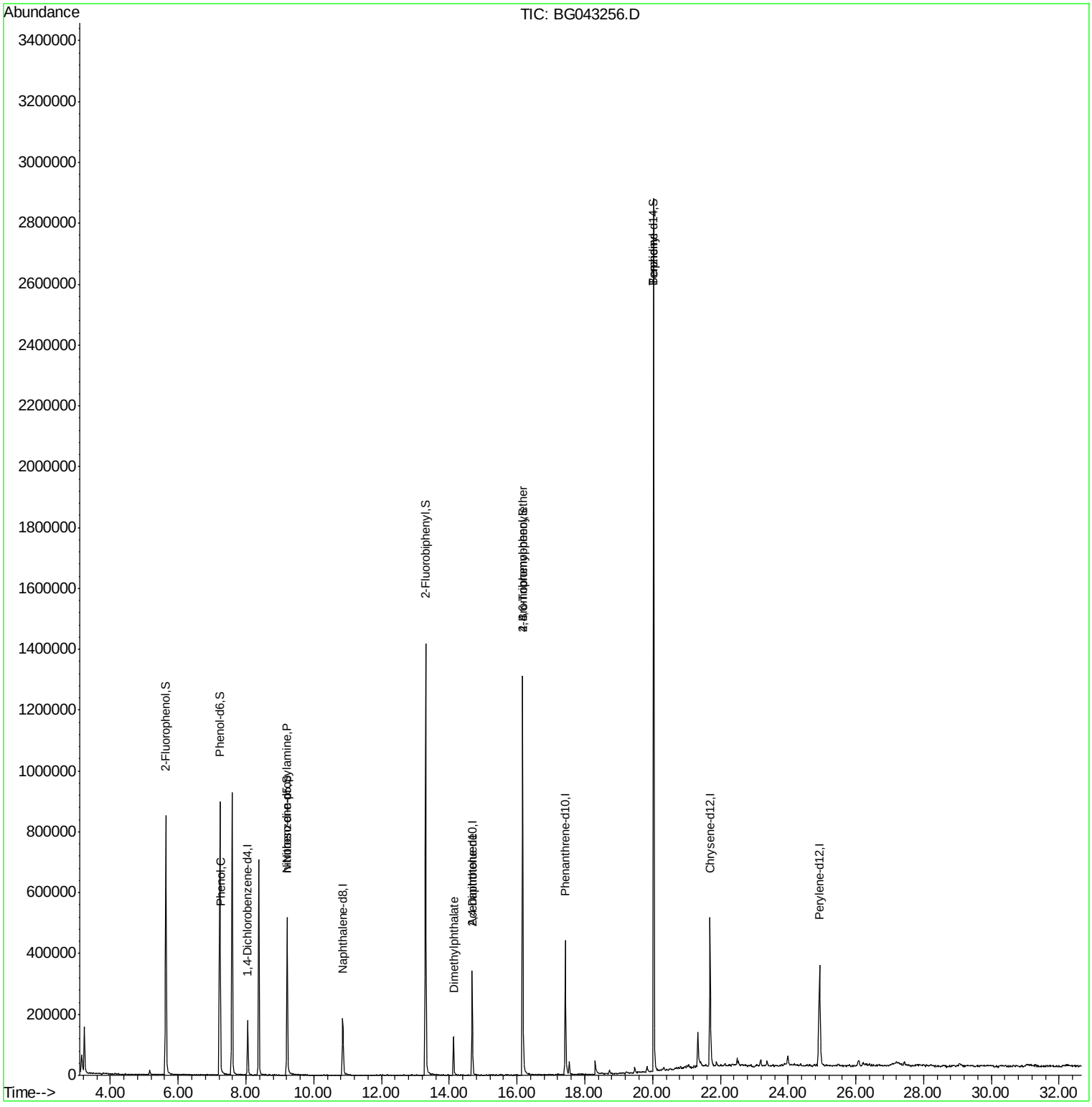
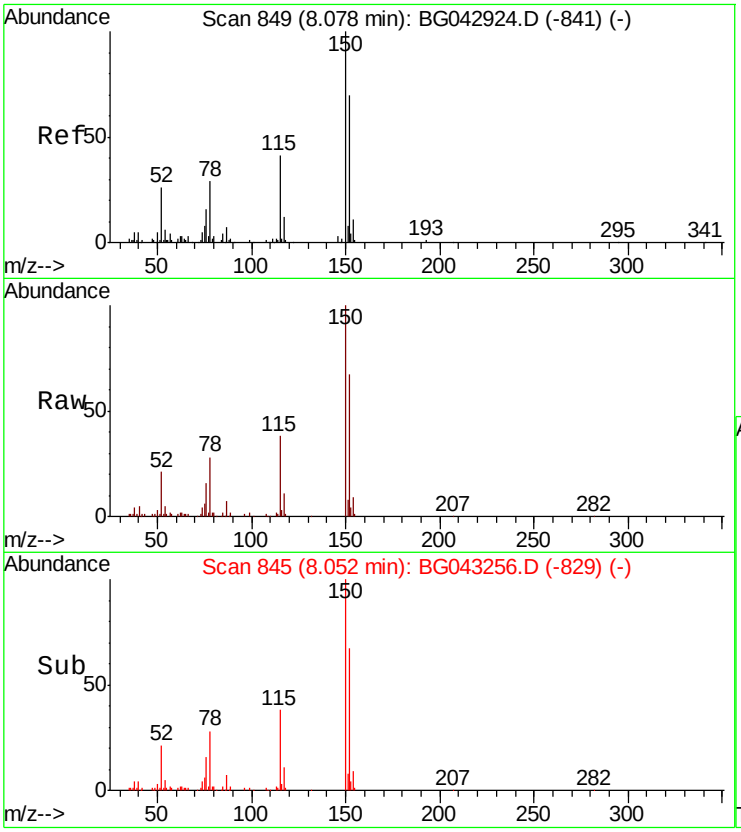


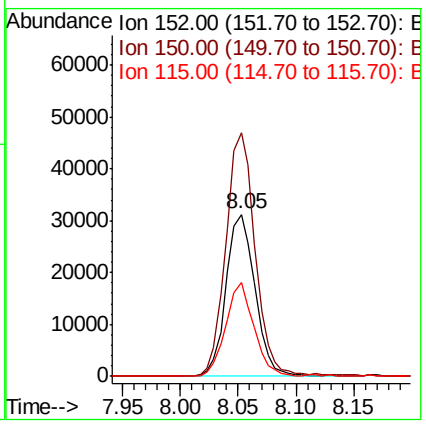


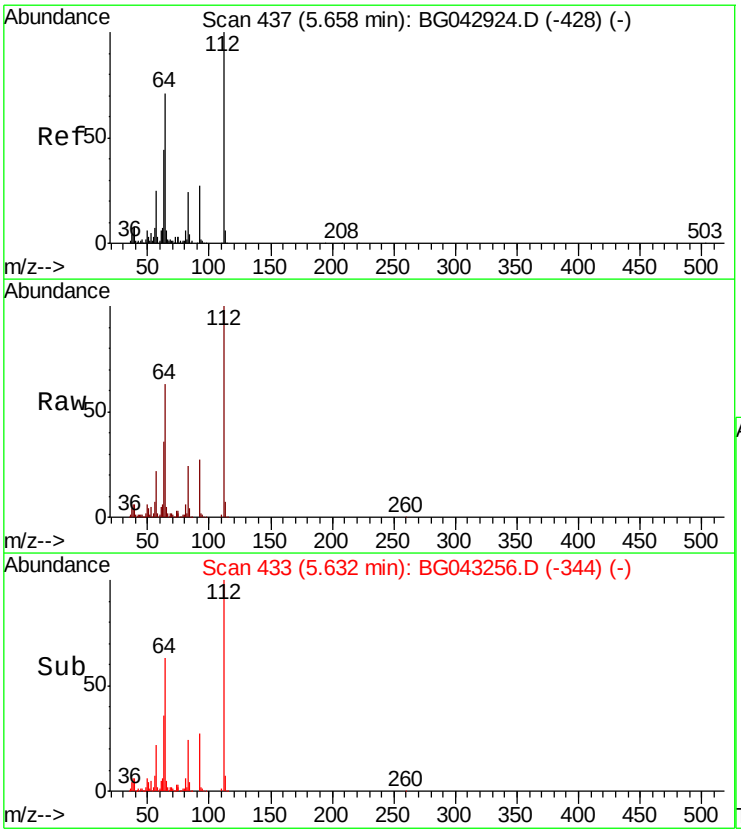
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.01 min
Lab File: BG043256.D
Acq: 16 Oct 2019 22:10

Instrument :
BNA_G
ClientSampleId :
VNJ-230

Tgt Ion:152 Resp: 54497

Ion	Ratio	Lower	Upper
152	100		
150	150.1	115.0	172.4
115	57.5	47.0	70.6

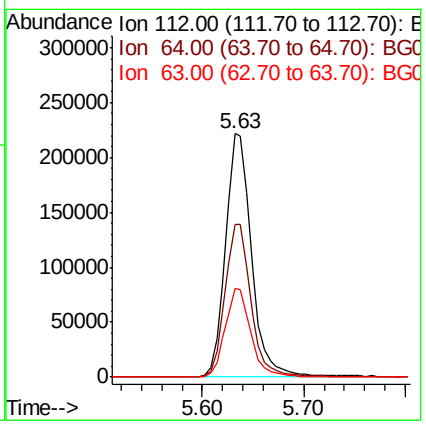


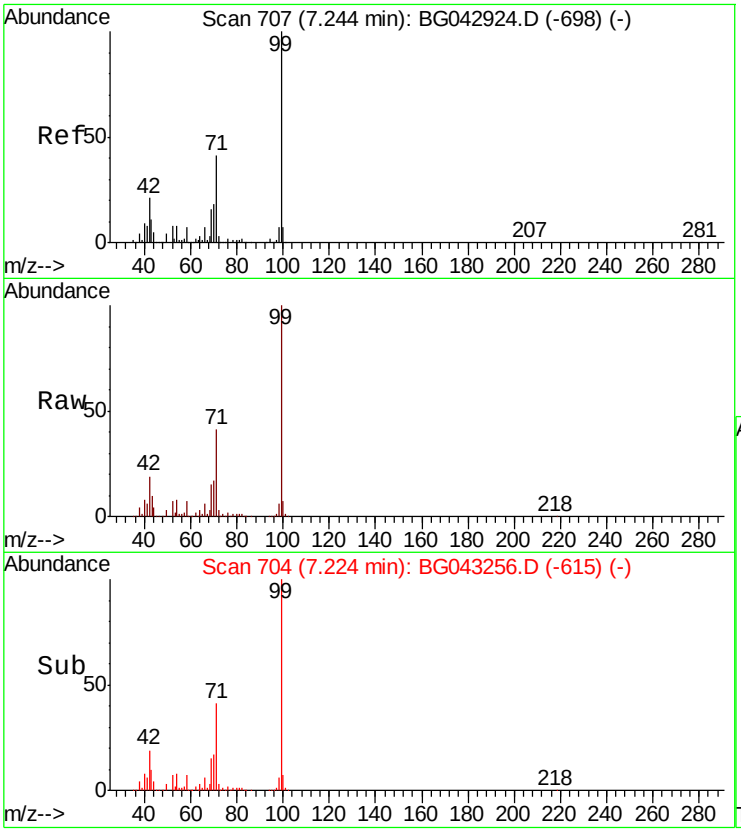


#5
2-Fluorophenol
Concen: 129.292 ng
RT: 5.63 min Scan# 433
Delta R.T. -0.01 min
Lab File: BG043256.D
Acq: 16 Oct 2019 22:10

Tgt Ion:112 Resp: 394819

Ion	Ratio	Lower	Upper
112	100		
64	62.7	56.6	84.8
63	36.3	35.1	52.7



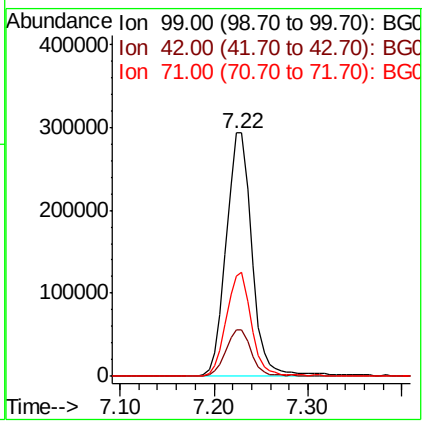


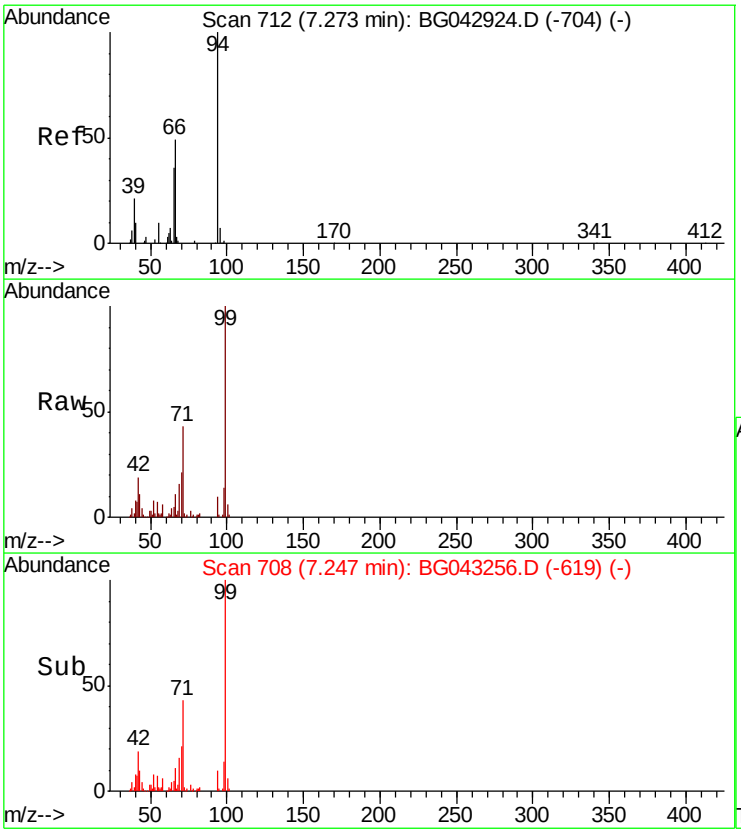
#7
Phenol-d6
Concen: 127.240 ng
RT: 7.22 min Scan# 704
Delta R.T. -0.01 min
Lab File: BG043256.D
Acq: 16 Oct 2019 22:10

Instrument :
BNA_G
ClientSampleId :
VNJ-230

Tgt Ion: 99 Resp: 559539

Ion	Ratio	Lower	Upper
99	100		
42	19.0	17.2	25.8
71	41.4	33.1	49.7

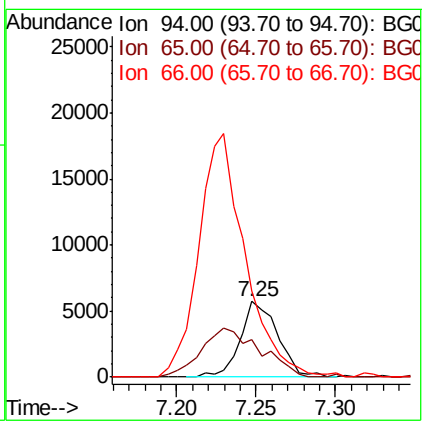


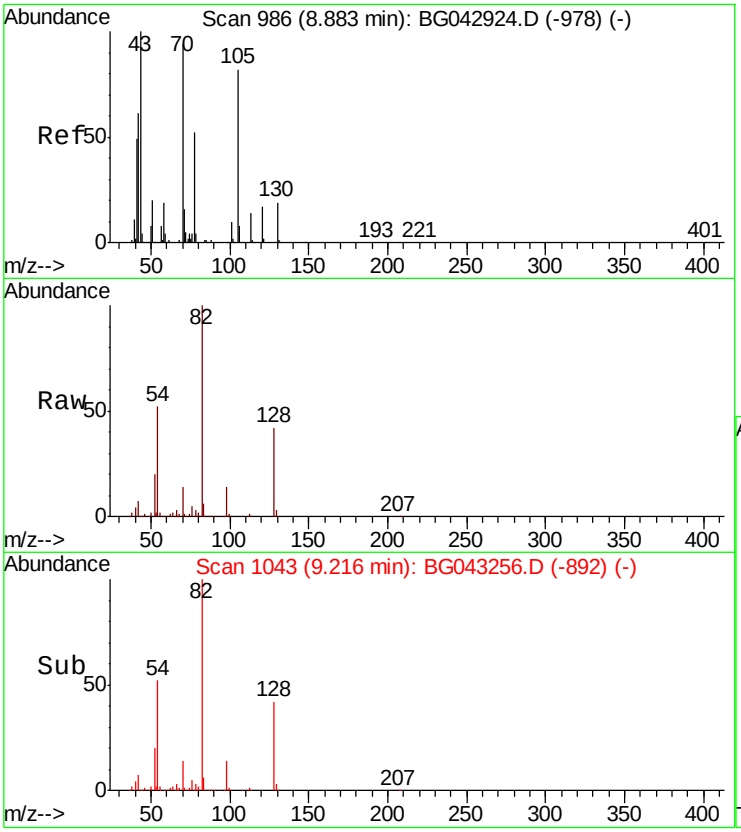


#10
Phenol
Concen: 2.331 ng
RT: 7.25 min Scan# 708
Delta R.T. -0.01 min
Lab File: BG043256.D
Acq: 16 Oct 2019 22:10

Tgt Ion: 94 Resp: 9404

Ion	Ratio	Lower	Upper
94	100		
65	49.0	16.6	56.6
66	113.9	32.4	72.4#



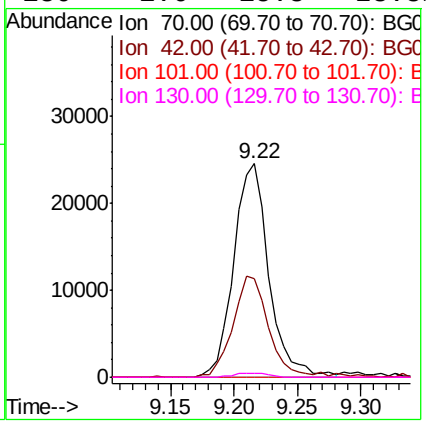


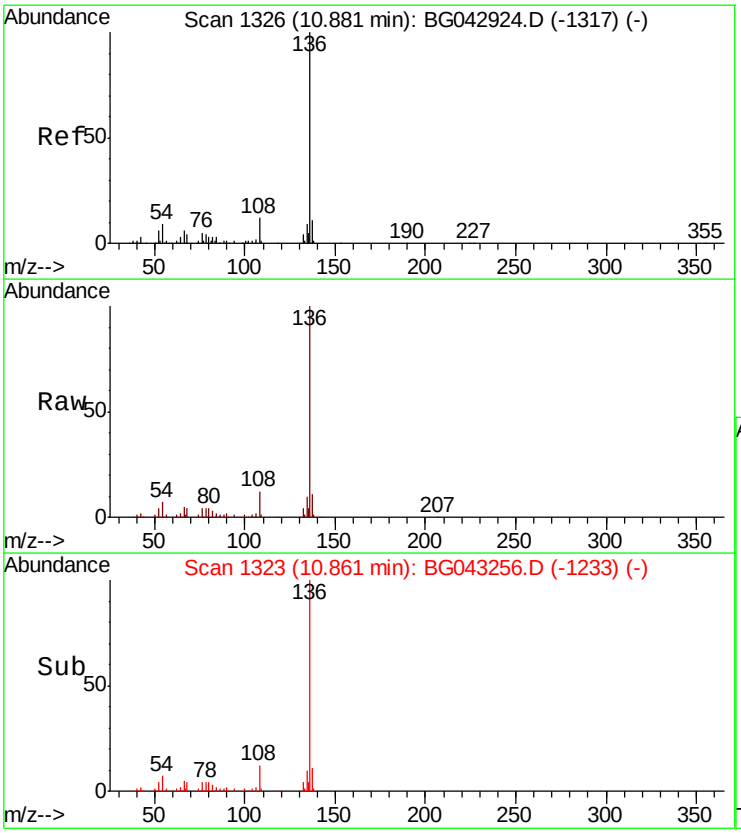
#19
n-Nitroso-di-n-propylamine
Concen: 16.343 ng
RT: 9.22 min Scan# 1043
Delta R.T. 0.36 min
Lab File: BG043256.D
Acq: 16 Oct 2019 22:10

Instrument :
BNA_G
ClientSampleId :
VNJ-230

Tgt Ion: 70 Resp: 47190

Ion	Ratio	Lower	Upper
70	100		
42	46.4	52.6	79.0#
101	0.0	8.7	13.1#
130	1.6	15.8	23.8#

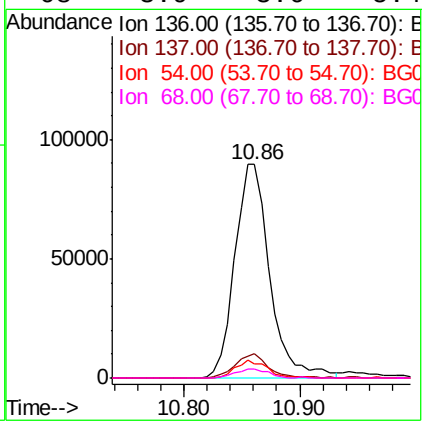


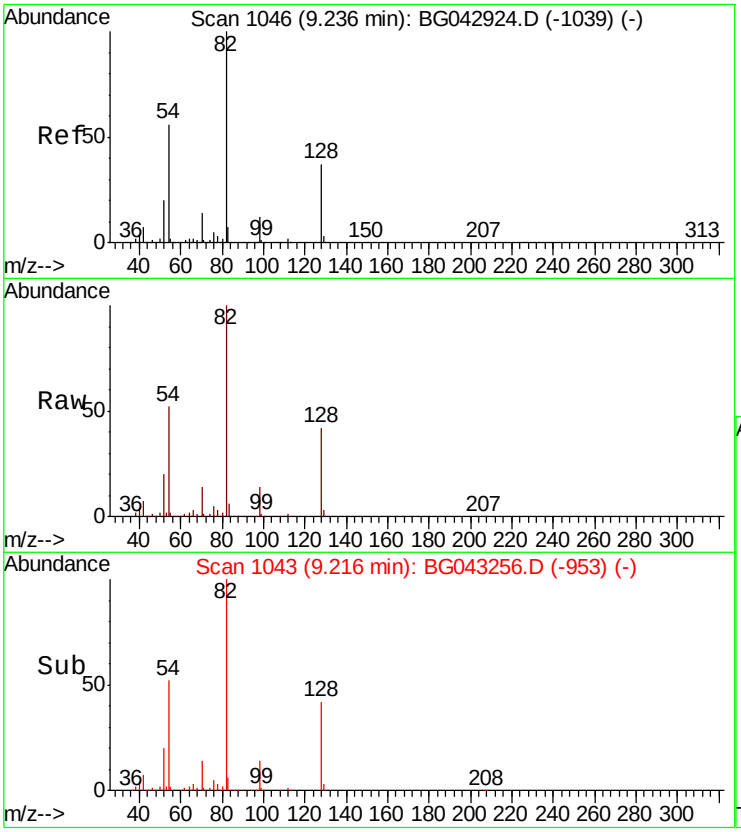


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BG043256.D
Acq: 16 Oct 2019 22:10

Tgt Ion:136 Resp: 188359

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	6.6	7.4	11.2#
68	3.9	3.6	5.4



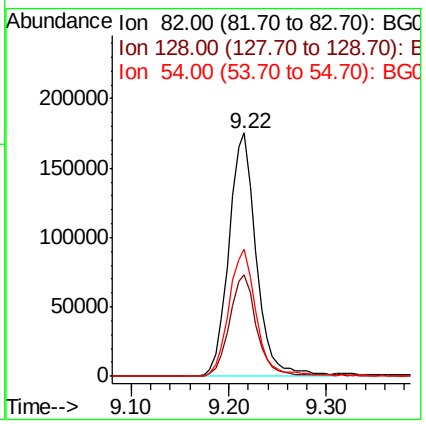


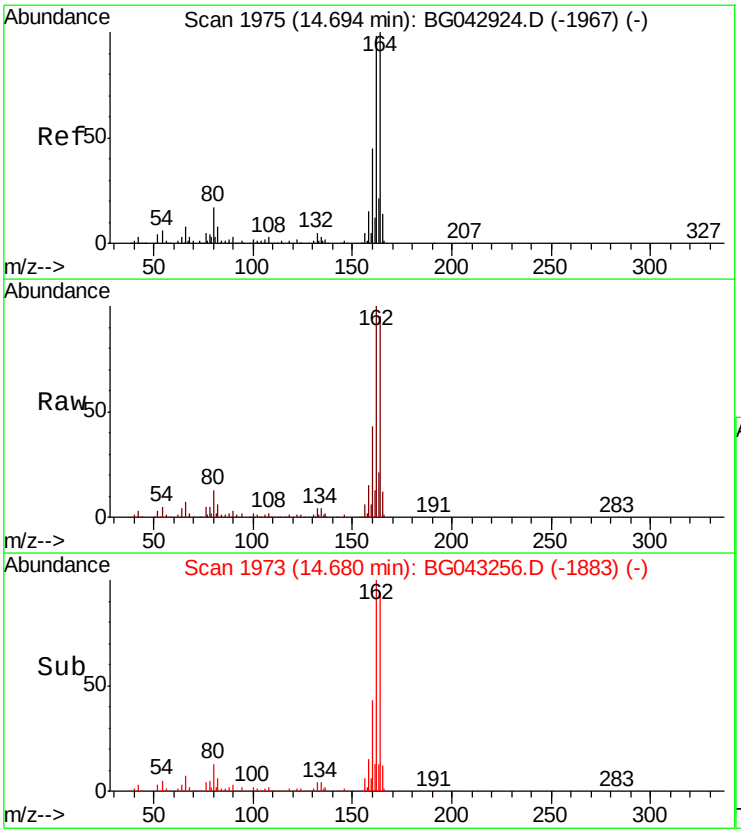
#23
Nitrobenzene-d5
Concen: 88.404 ng
RT: 9.22 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BG043256.D
Acq: 16 Oct 2019 22:10

Instrument :
BNA_G
ClientSampleId :
VNJ-230

Tgt Ion: 82 Resp: 342592

Ion	Ratio	Lower	Upper
82	100		
128	41.6	29.5	44.3
54	52.2	44.6	67.0

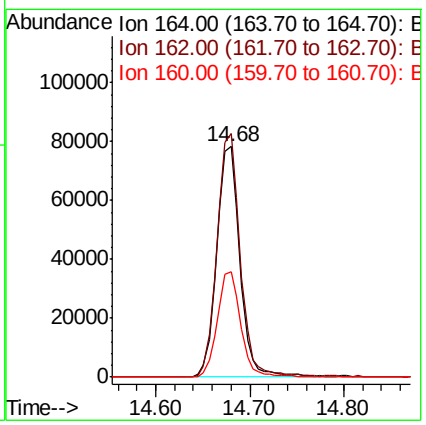


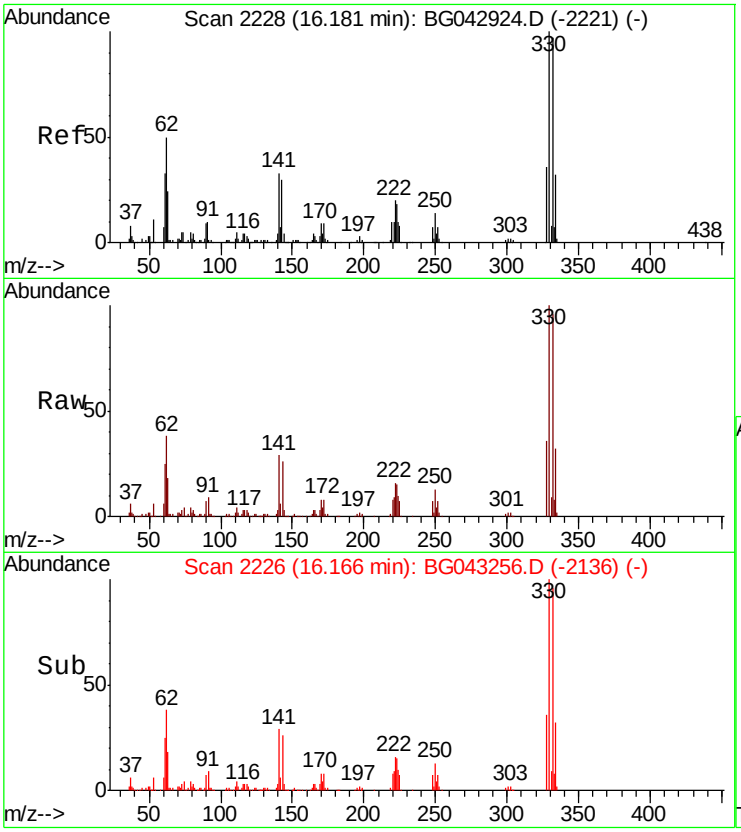


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.00 min
Lab File: BG043256.D
Acq: 16 Oct 2019 22:10

Tgt Ion:164 Resp: 135487

Ion	Ratio	Lower	Upper
164	100		
162	105.8	78.5	117.7
160	45.6	35.9	53.9



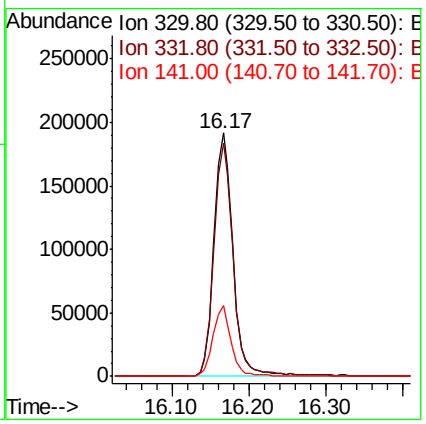


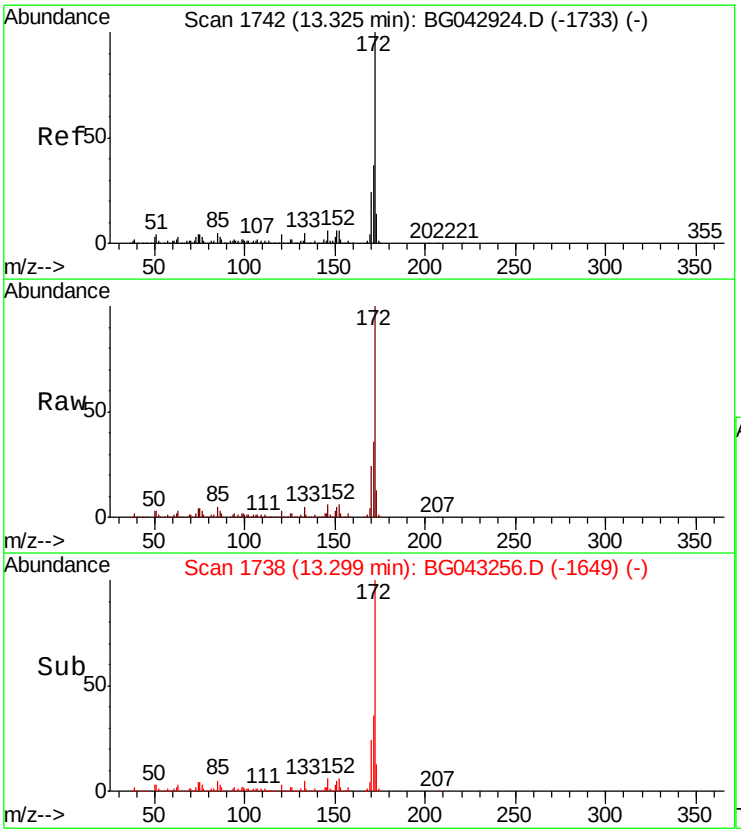
#42
2,4,6-Tribromophenol
Concen: 140.225 ng
RT: 16.17 min Scan# 2226
Delta R.T. -0.00 min
Lab File: BG043256.D
Acq: 16 Oct 2019 22:10

Instrument :
BNA_G
ClientSampleId :
VNJ-230

Tgt Ion:330 Resp: 326693

Ion	Ratio	Lower	Upper
330	100		
332	94.8	78.2	117.2
141	27.3	26.0	39.0

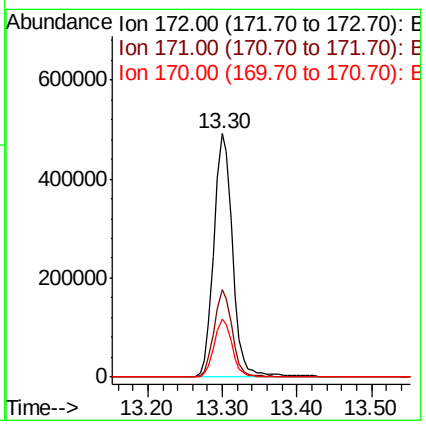


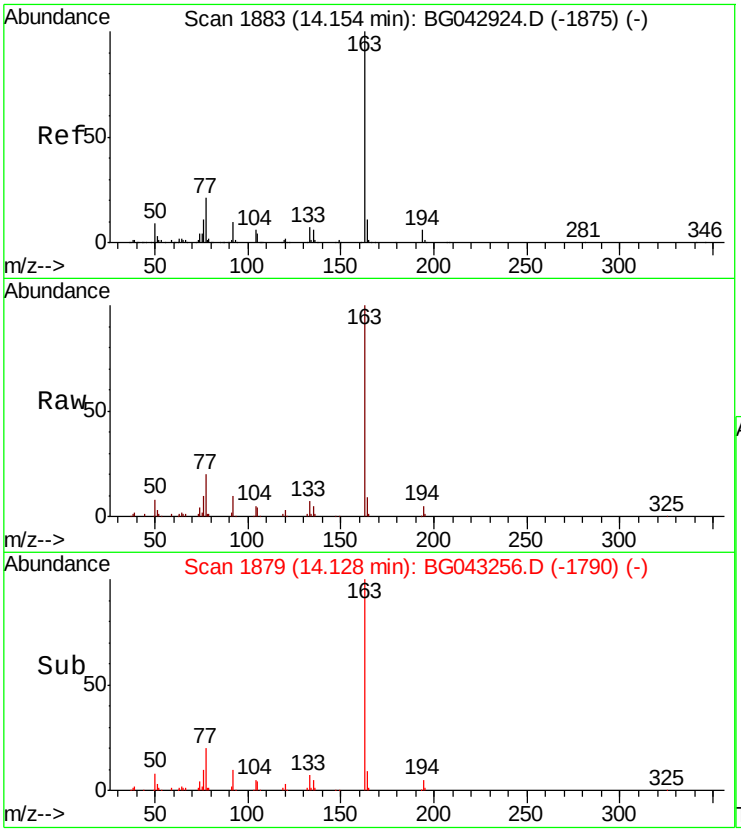


#45
2-Fluorobiphenyl
Concen: 91.983 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.01 min
Lab File: BG043256.D
Acq: 16 Oct 2019 22:10

Tgt Ion:172 Resp: 859661

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.6	44.4
170	24.0	19.6	29.4



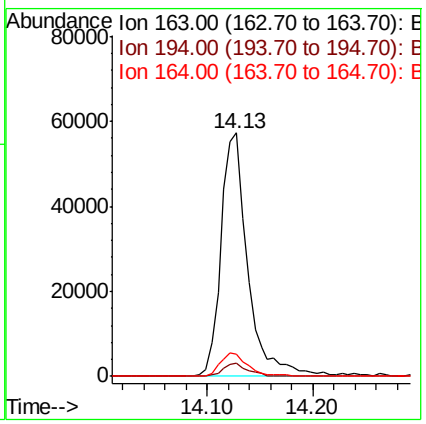


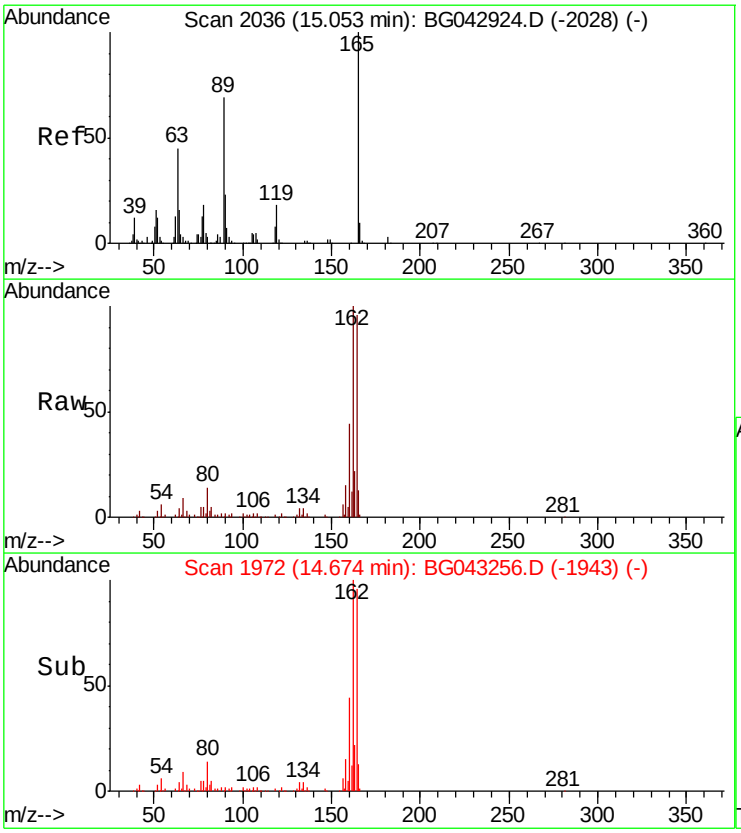
#50
Dimethylphthalate
Concen: 9.892 ng
RT: 14.13 min Scan# 1879
Delta R.T. -0.01 min
Lab File: BG043256.D
Acq: 16 Oct 2019 22:10

Instrument :
BNA_G
ClientSampleId :
VNJ-230

Tgt Ion:163 Resp: 100417

Ion	Ratio	Lower	Upper
163	100		
194	5.2	4.4	6.6
164	9.4	8.6	12.8

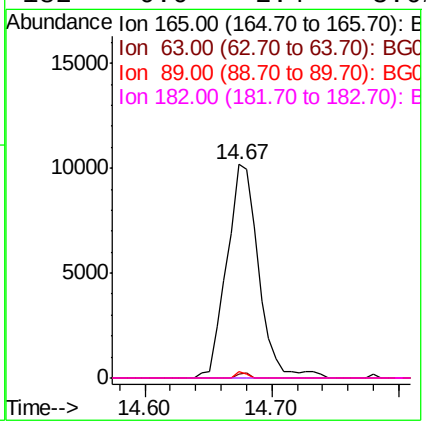


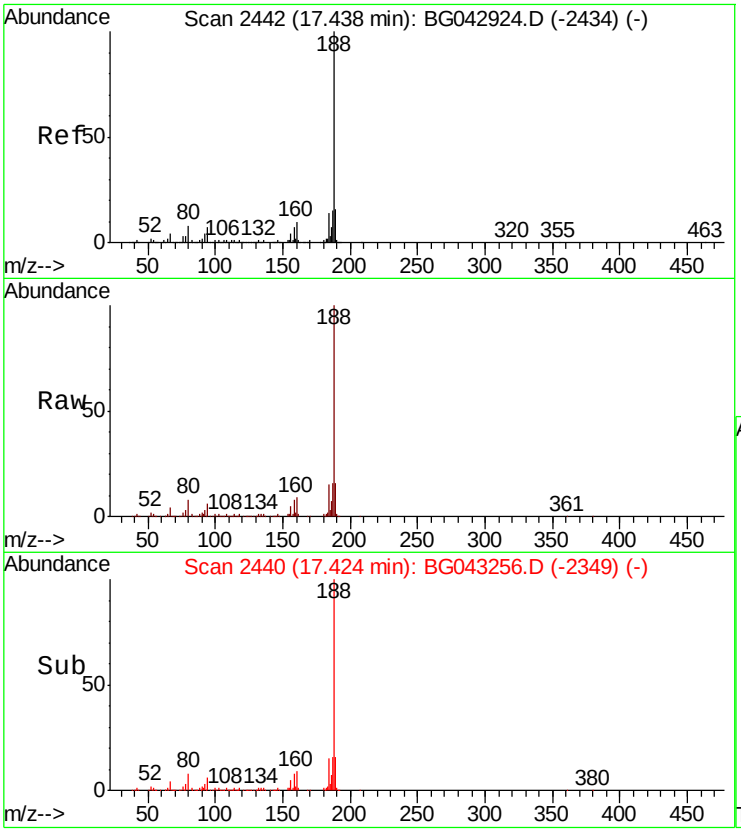


#57
2,4-Dinitrotoluene
Concen: 5.559 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.36 min
Lab File: BG043256.D
Acq: 16 Oct 2019 22:10

Tgt Ion:165 Resp: 17599

Ion	Ratio	Lower	Upper
165	100		
63	2.0	36.5	54.7#
89	3.2	55.5	83.3#
182	0.0	2.4	3.6#



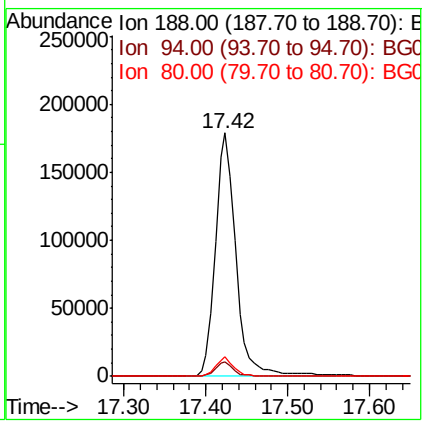


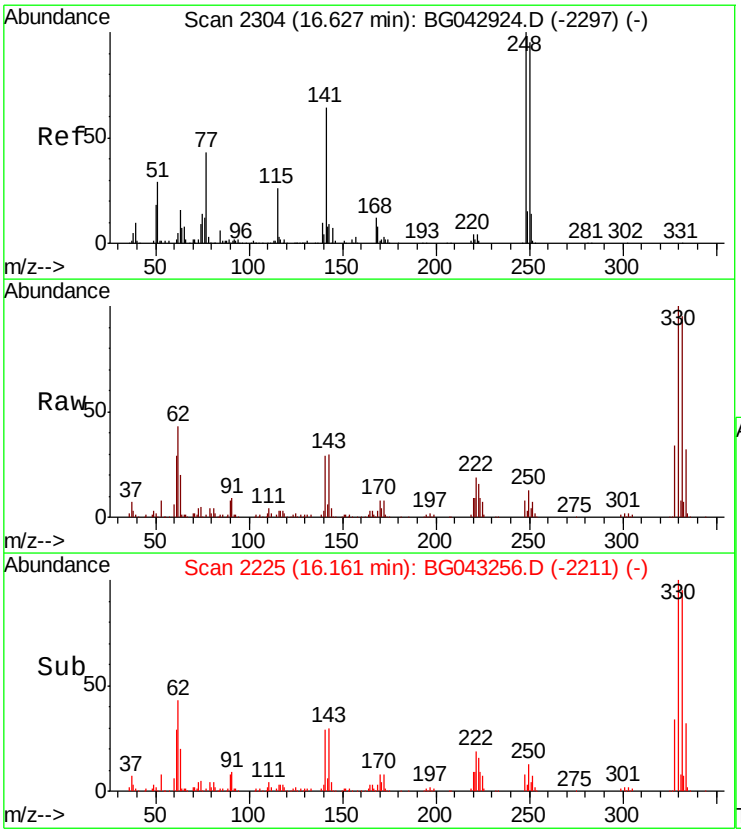
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2440
Delta R.T. 0.01 min
Lab File: BG043256.D
Acq: 16 Oct 2019 22:10

Instrument :
BNA_G
ClientSampleId :
VNJ-230

Tgt Ion:188 Resp: 314245

Ion	Ratio	Lower	Upper
188	100		
94	5.9	5.7	8.5
80	7.8	6.5	9.7

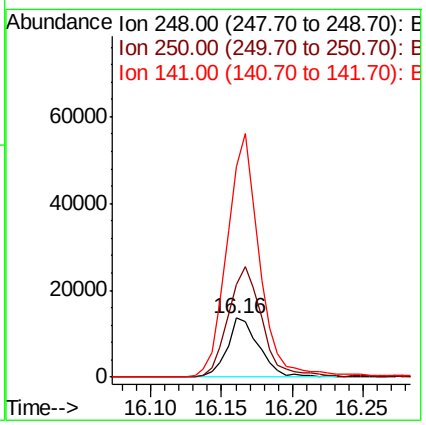


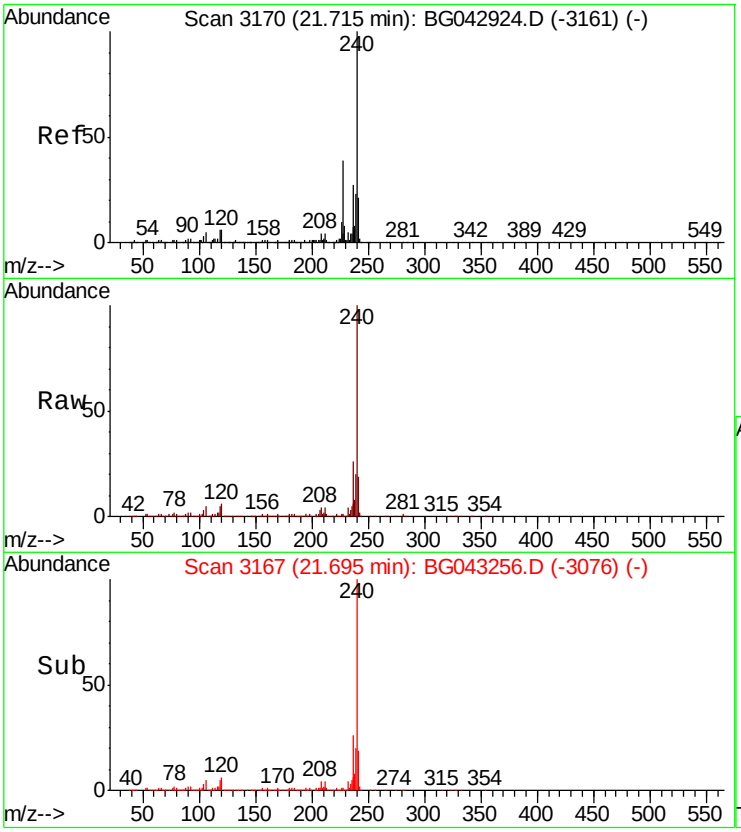


#67
4-Bromophenyl-phenylether
Concen: 5.383 ng
RT: 16.16 min Scan# 2225
Delta R.T. -0.45 min
Lab File: BG043256.D
Acq: 16 Oct 2019 22:10

Tgt Ion:248 Resp: 21230

Ion	Ratio	Lower	Upper
248	100		
250	158.7	75.8	113.8#
141	358.4	51.1	76.7#



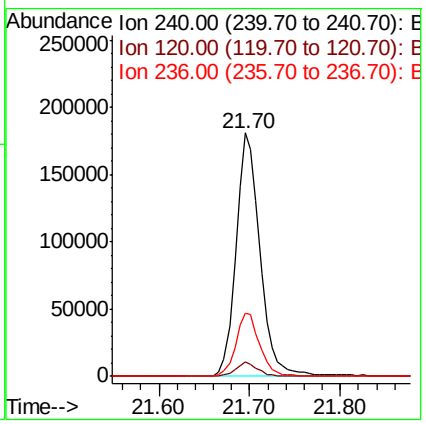


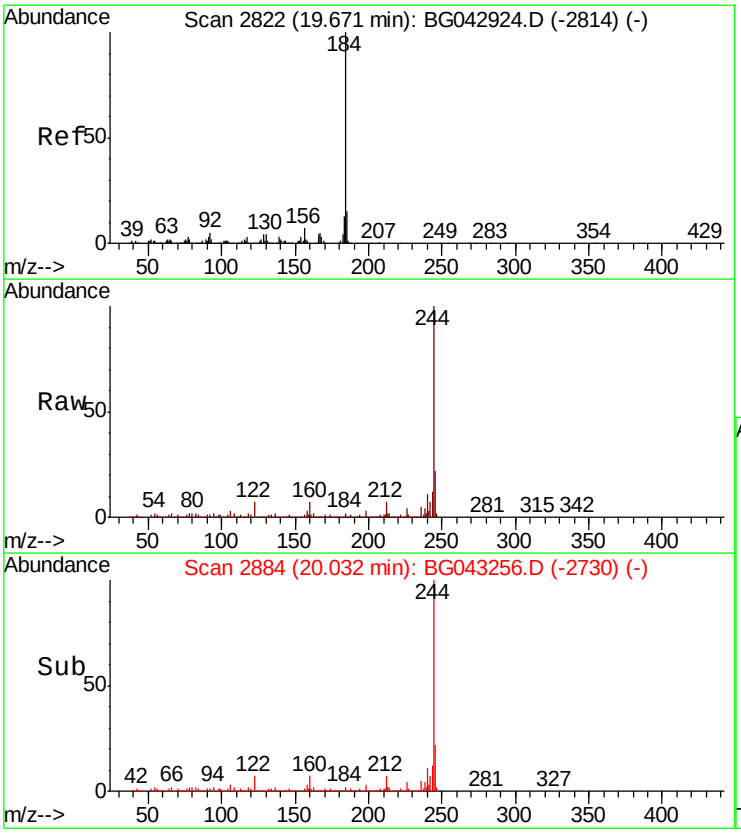
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3167
Delta R.T. 0.01 min
Lab File: BG043256.D
Acq: 16 Oct 2019 22:10

Instrument :
BNA_G
ClientSampleId :
VNJ-230

Tgt Ion:240 Resp: 331712

Ion	Ratio	Lower	Upper
240	100		
120	6.0	4.8	7.2
236	26.1	21.4	32.0

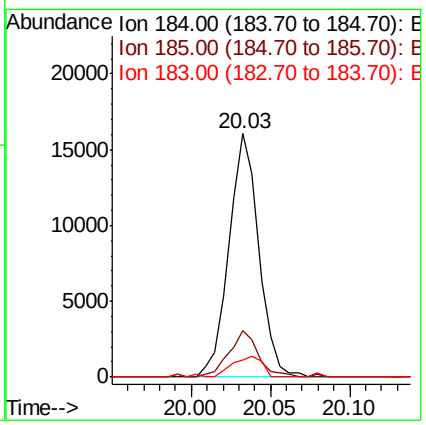


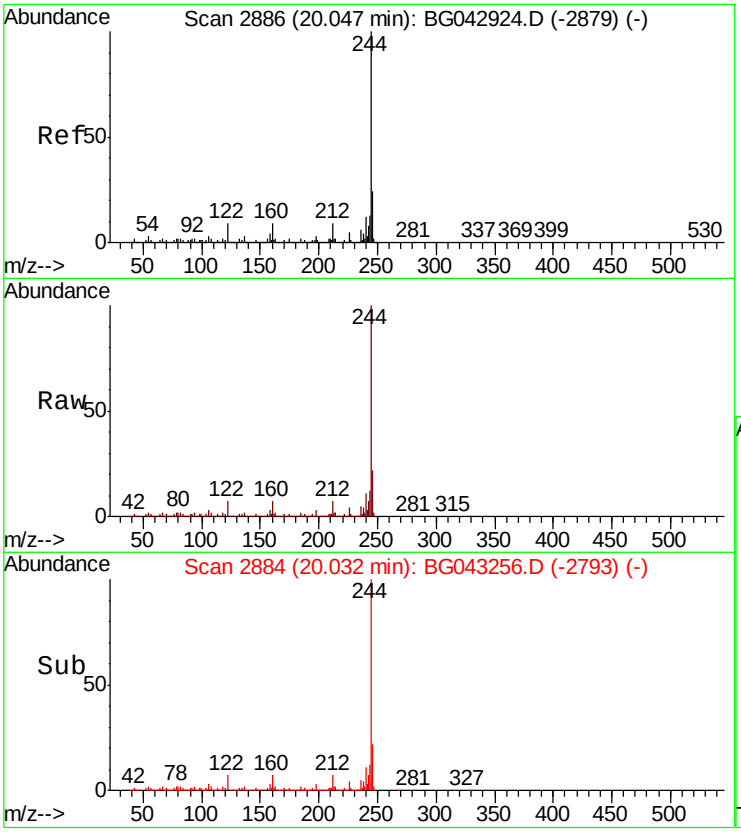


#77
Benzidine
Concen: 2.525 ng
RT: 20.03 min Scan# 2884
Delta R.T. 0.38 min
Lab File: BG043256.D
Acq: 16 Oct 2019 22:10

Tgt Ion:184 Resp: 20968

Ion	Ratio	Lower	Upper
184	100		
185	19.1	11.8	17.8#
183	7.0	10.1	15.1#



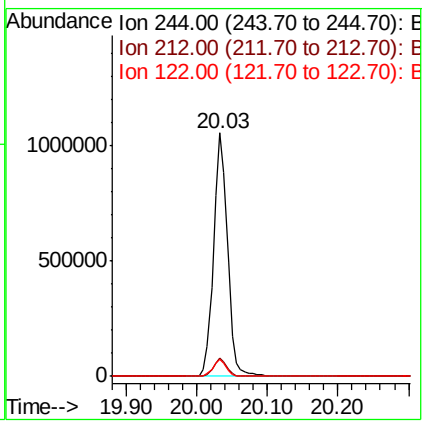


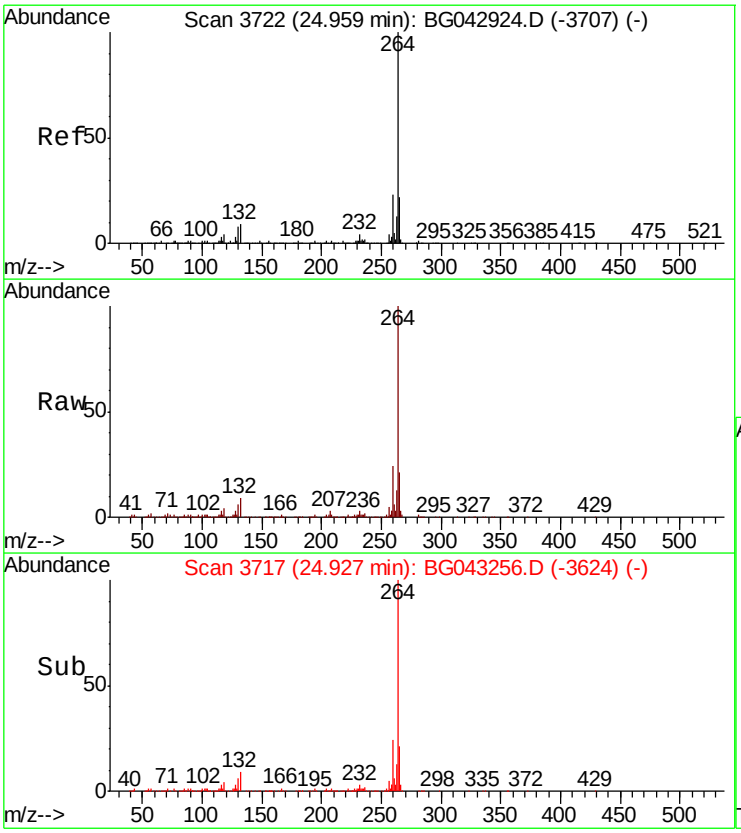
#79
Terphenyl-d14
Concen: 93.087 ng
RT: 20.03 min Scan# 2884
Delta R.T. 0.01 min
Lab File: BG043256.D
Acq: 16 Oct 2019 22:10

Instrument :
BNA_G
ClientSampleId :
VNJ-230

Tgt Ion:244 Resp: 1449076

Ion	Ratio	Lower	Upper
244	100		
212	7.4	7.4	11.0
122	6.8	7.0	10.4#





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.93 min Scan# 3717
Delta R.T. 0.02 min
Lab File: BG043256.D
Acq: 16 Oct 2019 22:10

Tgt Ion:264 Resp: 391028

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.7	28.1
265	21.3	17.7	26.5