Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101519\
Data File : BG043226.D
Acq On : 15 Oct 2019 19:49
Operator : JU
Sample : K5350-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Oct 16 01:18:01 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	46814	20.00	ng		0.00
21) Naphthalene-d8	10.85	136	172936	20.00	ng		0.00
39) Acenaphthene-d10	14.67	164	134727	20.00	ng		0.00
64) Phenanthrene-d10	17.42	188	317091	20.00	ng		0.00
76) Chrysene-d12	21.69	240	335732	20.00	ng		0.00
87) Perylene-d12	24.91	264	394085	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	304043	115.91	ng		0.00
7) Phenol-d6	7.22	99	440195	116.53	ng		0.00
23) Nitrobenzene-d5	9.21	82	280064	78.71	ng		0.00
42) 2,4,6-Tribromophenol	16.17	330	258265	111.48	ng		0.00
45) 2-Fluorobiphenyl	13.30	172	624059	67.15	ng		0.00
79) Terphenyl-d14	20.03	244	1058633	67.19	ng		0.00
Target Compounds							Qvalue
10) Phenol	7.25	94	9260	2.672	ng		83
19) n-Nitroso-di-n-propylamine	9.21	70	37378	15.069	ng	#	71
50) Dimethylphthalate	14.12	163	94887	9.400	ng		99
57) 2,4-Dinitrotoluene	14.67	165	18150	5.765	ng	#	23
67) 4-Bromophenyl-phenylether	16.16	248	15871	3.988	ng	#	1

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

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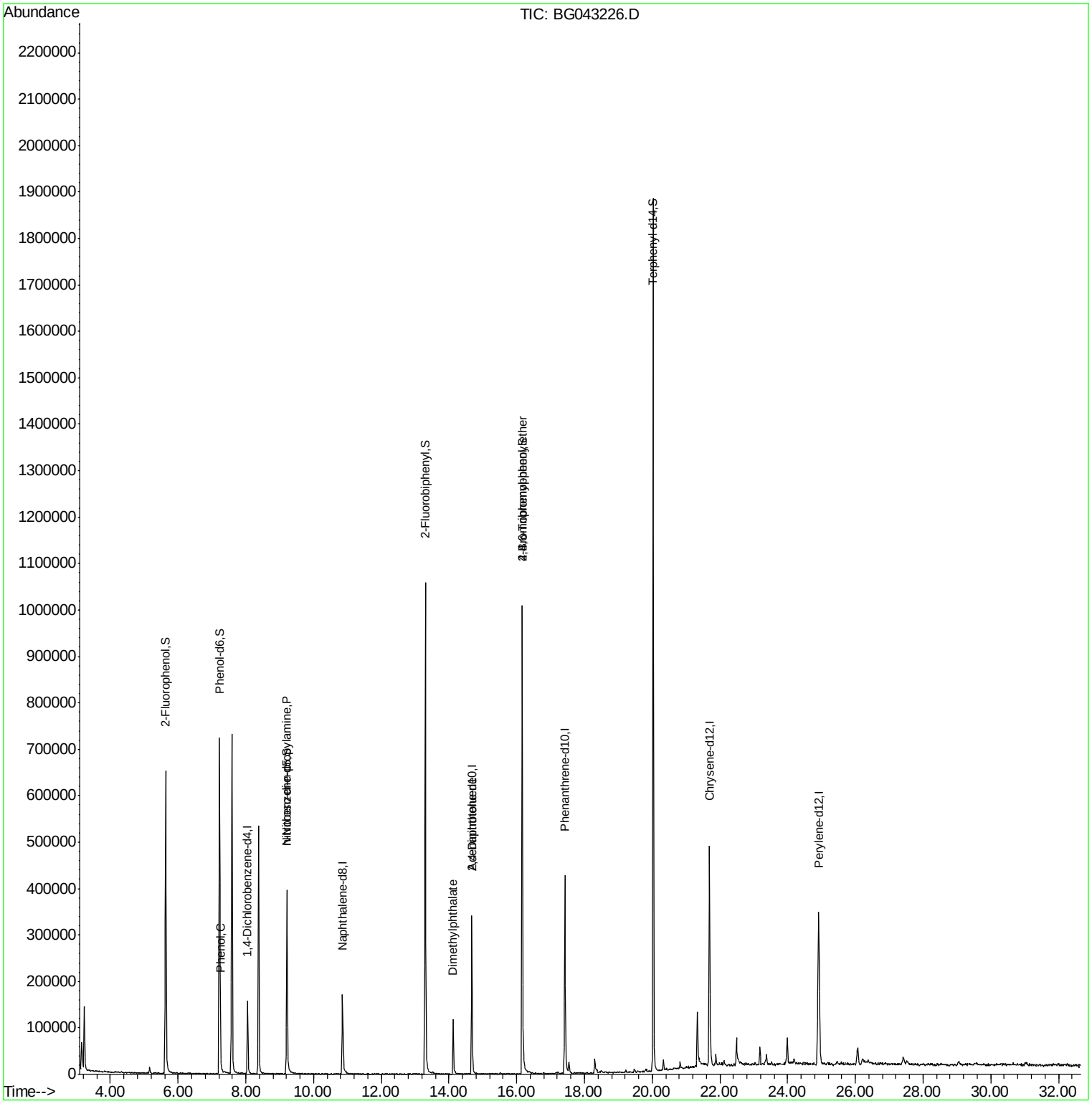
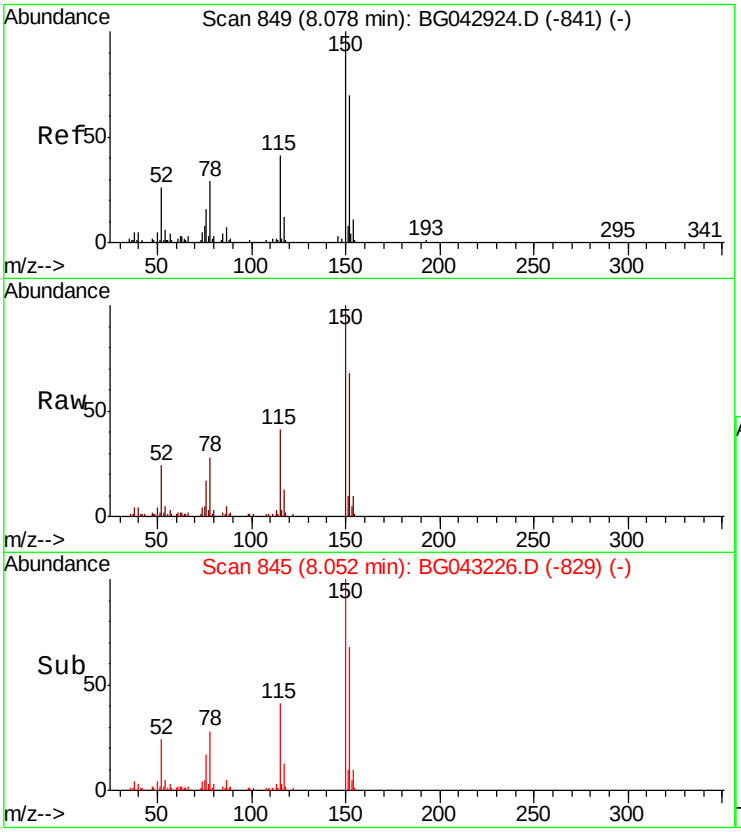


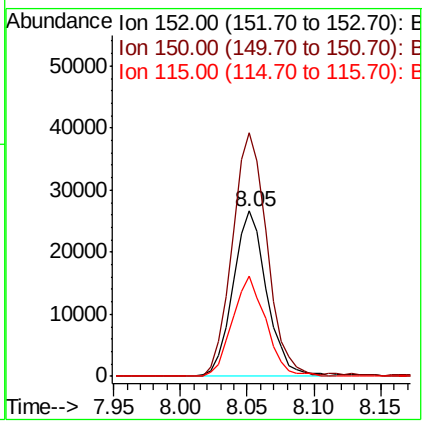


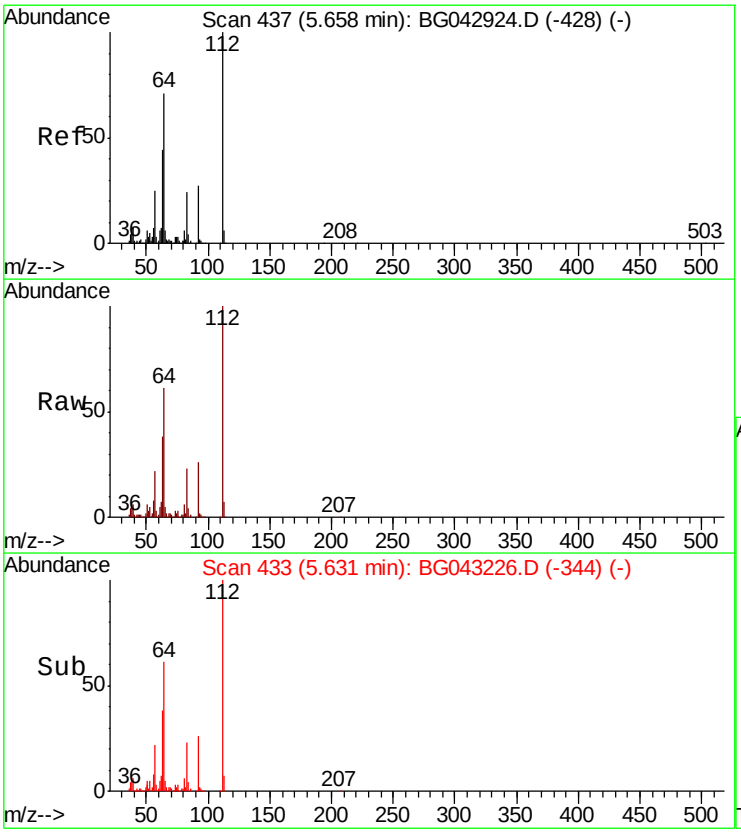
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.01 min
Lab File: BG043226.D
Acq: 15 Oct 2019 19:49

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 46814

Ion	Ratio	Lower	Upper
152	100		
150	147.5	115.0	172.4
115	60.7	47.0	70.6

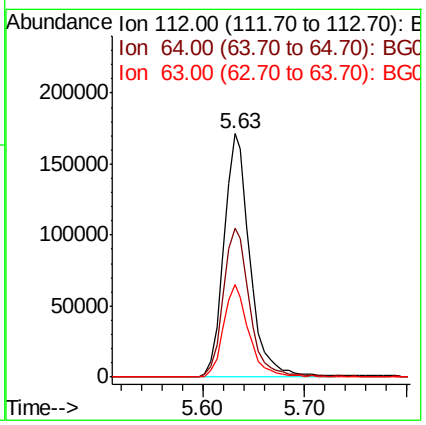


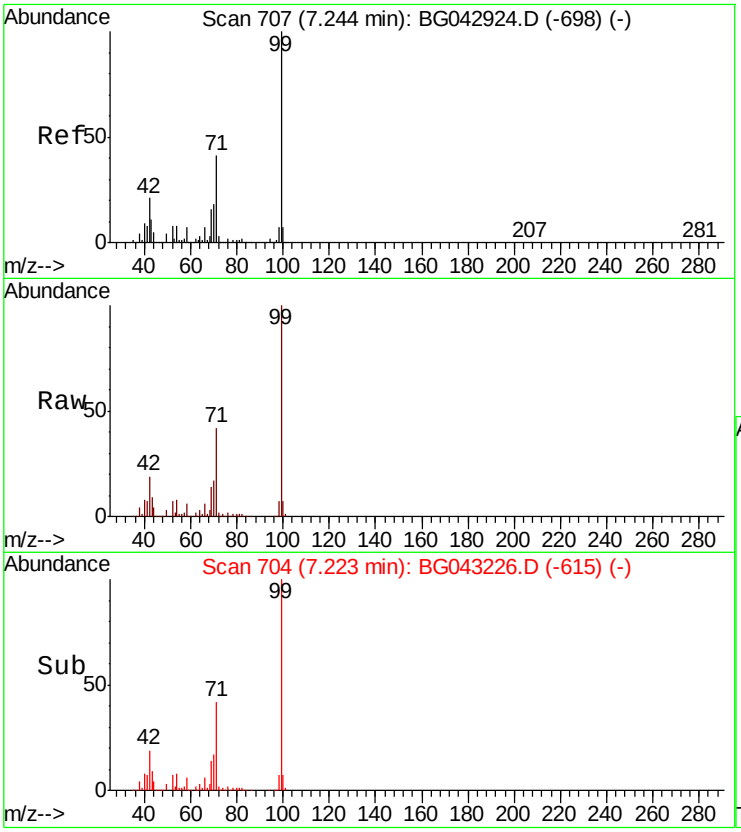


#5
2-Fluorophenol
Concen: 115.906 ng
RT: 5.63 min Scan# 433
Delta R.T. -0.01 min
Lab File: BG043226.D
Acq: 15 Oct 2019 19:49

Tgt Ion:112 Resp: 304043

Ion	Ratio	Lower	Upper
112	100		
64	60.9	56.6	84.8
63	37.8	35.1	52.7



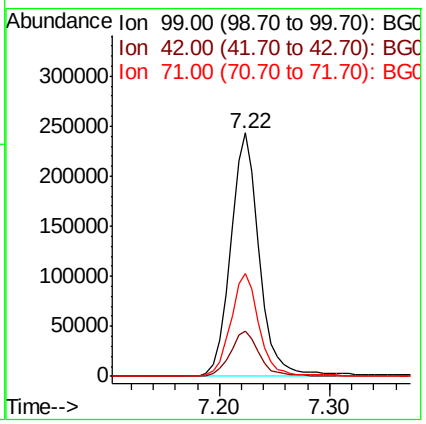


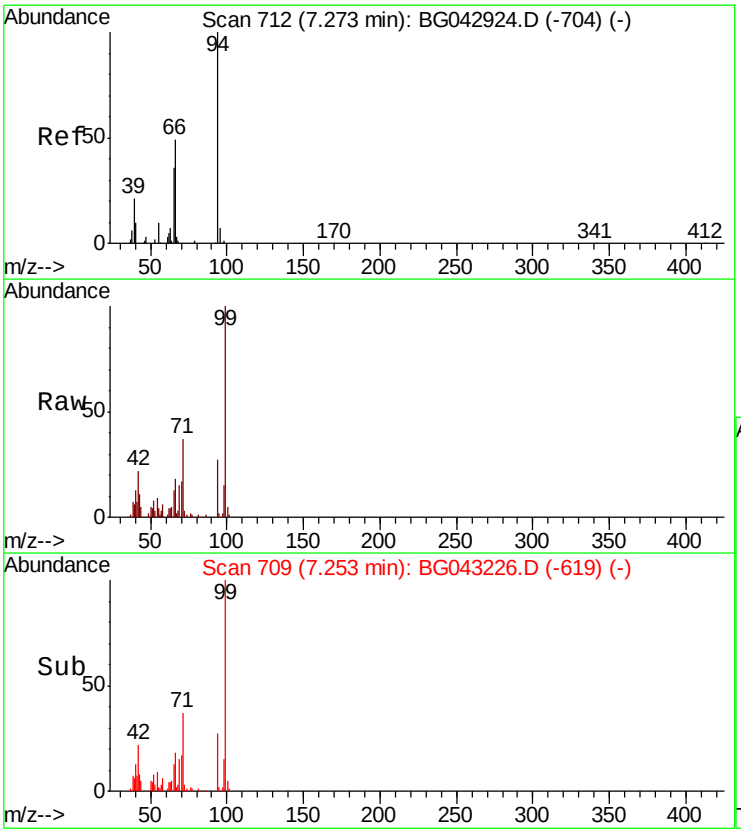
#7
Phenol-d6
Concen: 116.529 ng
RT: 7.22 min Scan# 704
Delta R.T. -0.01 min
Lab File: BG043226.D
Acq: 15 Oct 2019 19:49

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 440195

Ion	Ratio	Lower	Upper
99	100		
42	18.6	17.2	25.8
71	42.2	33.1	49.7

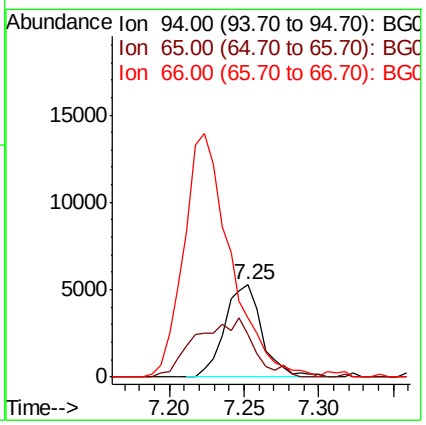


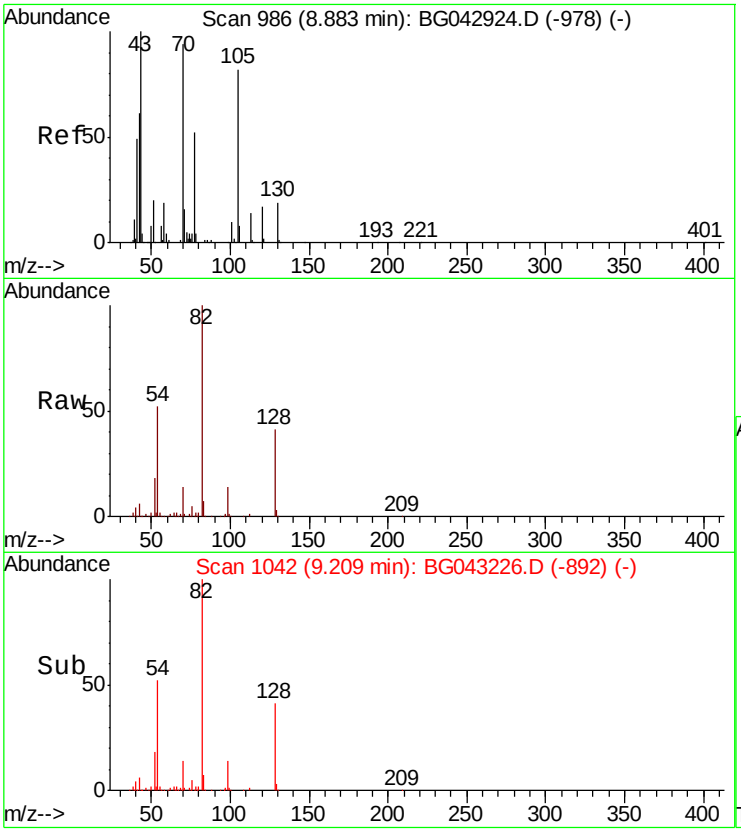


#10
Phenol
Concen: 2.672 ng
RT: 7.25 min Scan# 709
Delta R.T. -0.00 min
Lab File: BG043226.D
Acq: 15 Oct 2019 19:49

Tgt Ion: 94 Resp: 9260

Ion	Ratio	Lower	Upper
94	100		
65	46.5	16.6	56.6
66	64.3	32.4	72.4



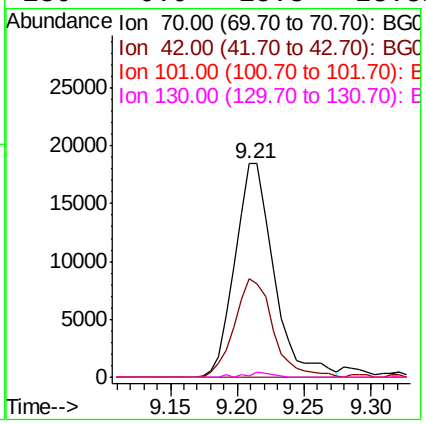


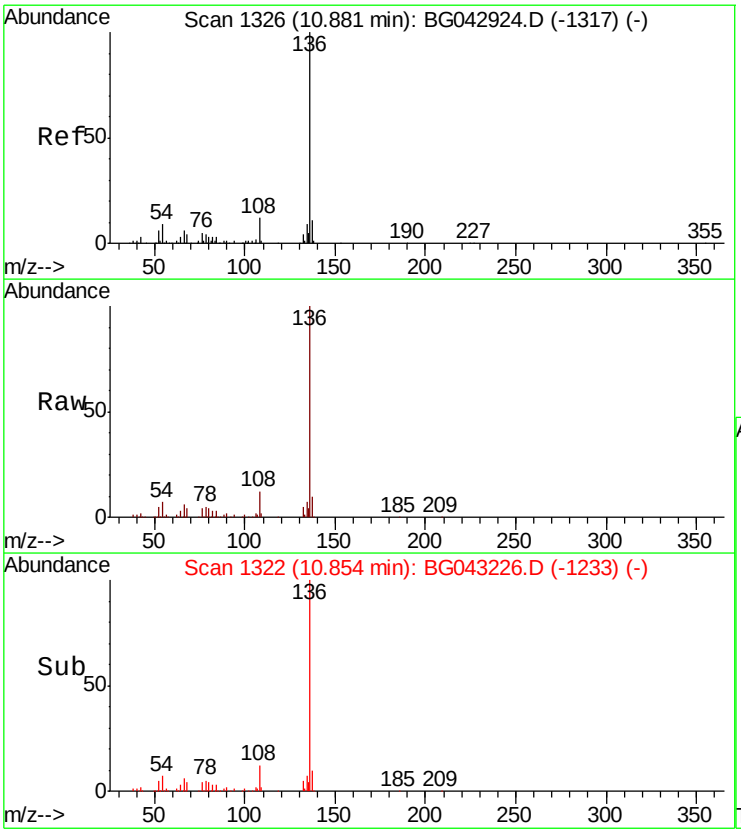
#19
n-Nitroso-di-n-propylamine
Concen: 15.069 ng
RT: 9.21 min Scan# 1042
Delta R.T. 0.35 min
Lab File: BG043226.D
Acq: 15 Oct 2019 19:49

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 37378

Ion	Ratio	Lower	Upper
70	100		
42	46.1	52.6	79.0#
101	0.0	8.7	13.1#
130	0.9	15.8	23.8#

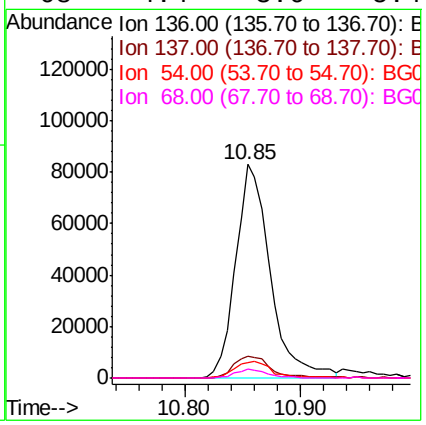


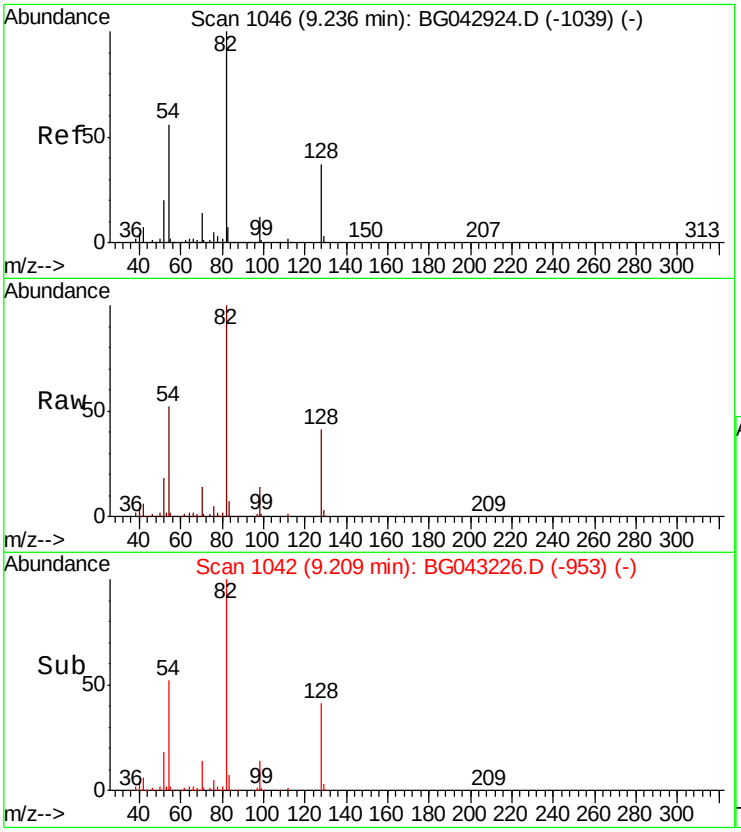


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BG043226.D
Acq: 15 Oct 2019 19:49

Tgt Ion:136 Resp: 172936

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.5	12.7
54	7.4	7.4	11.2#
68	4.4	3.6	5.4



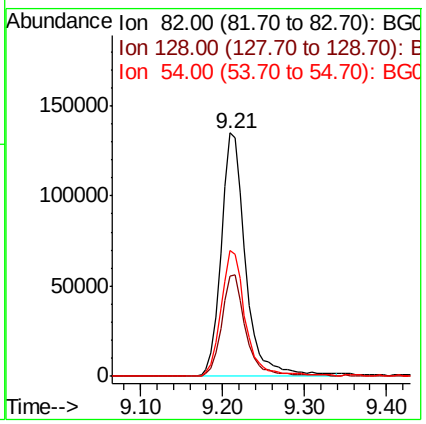


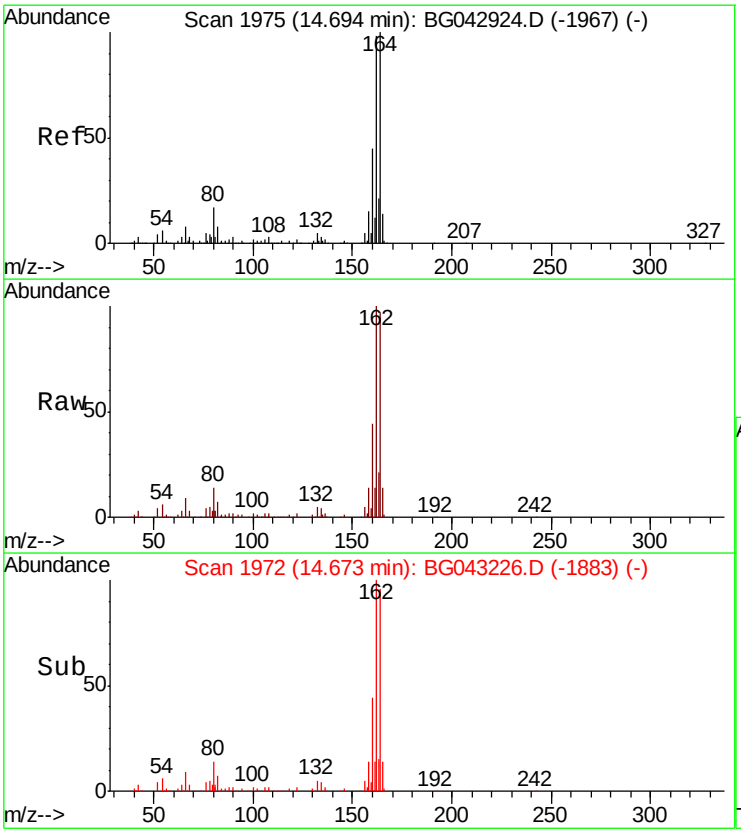
#23
Nitrobenzene-d5
Concen: 78.714 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BG043226.D
Acq: 15 Oct 2019 19:49

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 280064

Ion	Ratio	Lower	Upper
82	100		
128	40.9	29.5	44.3
54	51.9	44.6	67.0

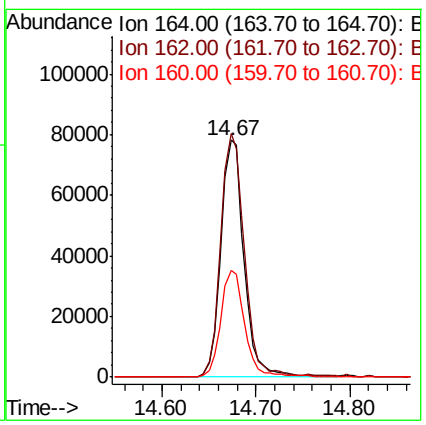


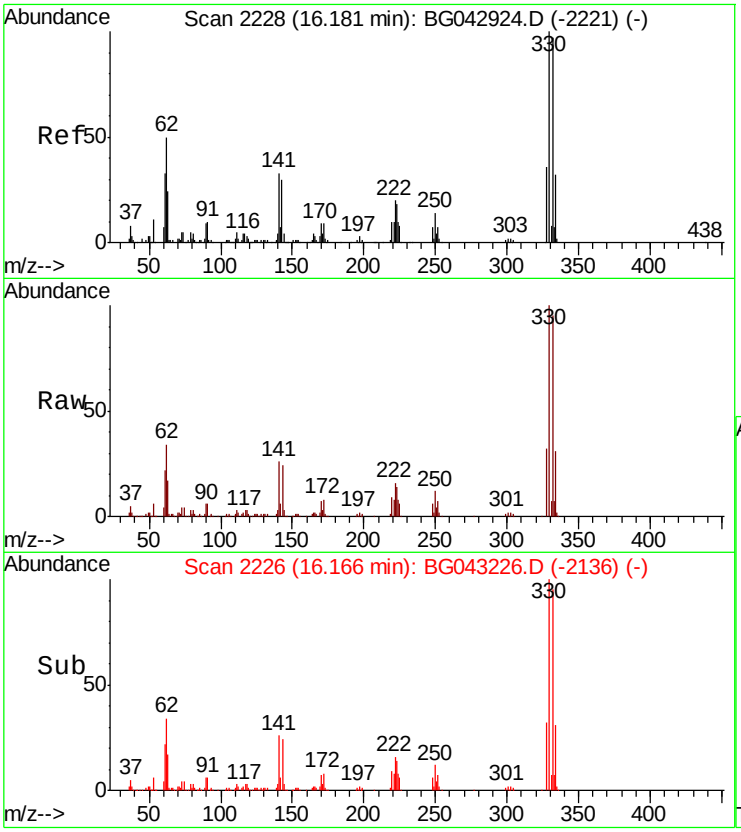


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.01 min
Lab File: BG043226.D
Acq: 15 Oct 2019 19:49

Tgt Ion:164 Resp: 134727

Ion	Ratio	Lower	Upper
164	100		
162	102.7	78.5	117.7
160	44.9	35.9	53.9



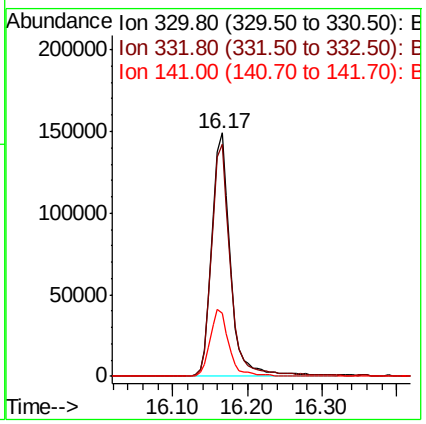


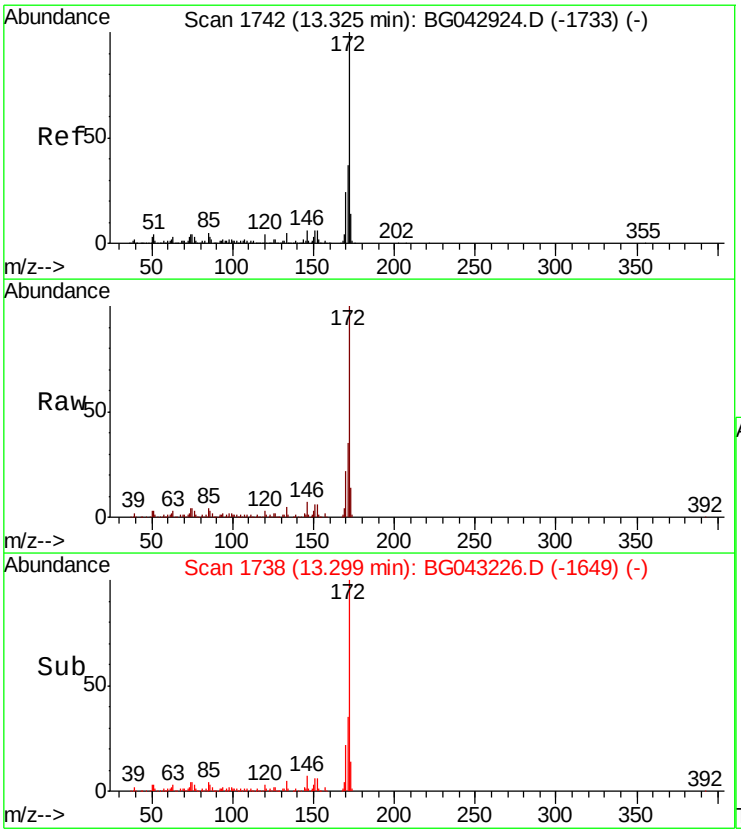
#42
2,4,6-Tribromophenol
Concen: 111.479 ng
RT: 16.17 min Scan# 2226
Delta R.T. -0.00 min
Lab File: BG043226.D
Acq: 15 Oct 2019 19:49

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 258265

Ion	Ratio	Lower	Upper
330	100		
332	96.2	78.2	117.2
141	27.6	26.0	39.0

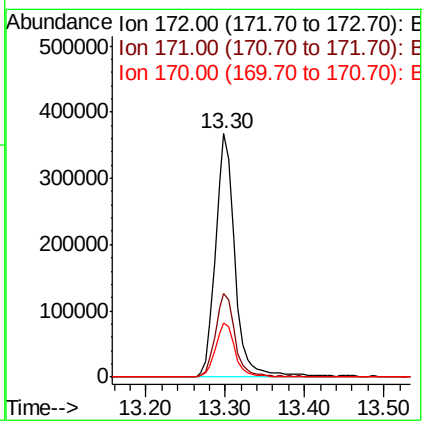


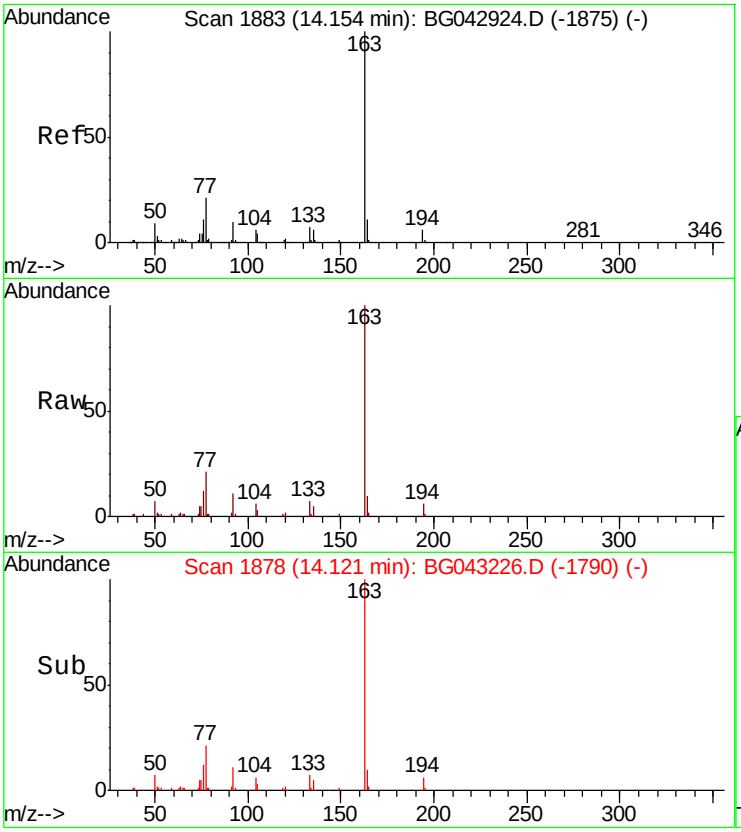


#45
2-Fluorobiphenyl
Concen: 67.150 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.01 min
Lab File: BG043226.D
Acq: 15 Oct 2019 19:49

Tgt Ion:172 Resp: 624059

Ion	Ratio	Lower	Upper
172	100		
171	34.6	29.6	44.4
170	22.3	19.6	29.4



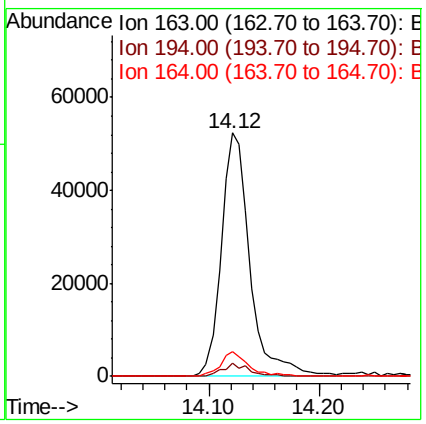


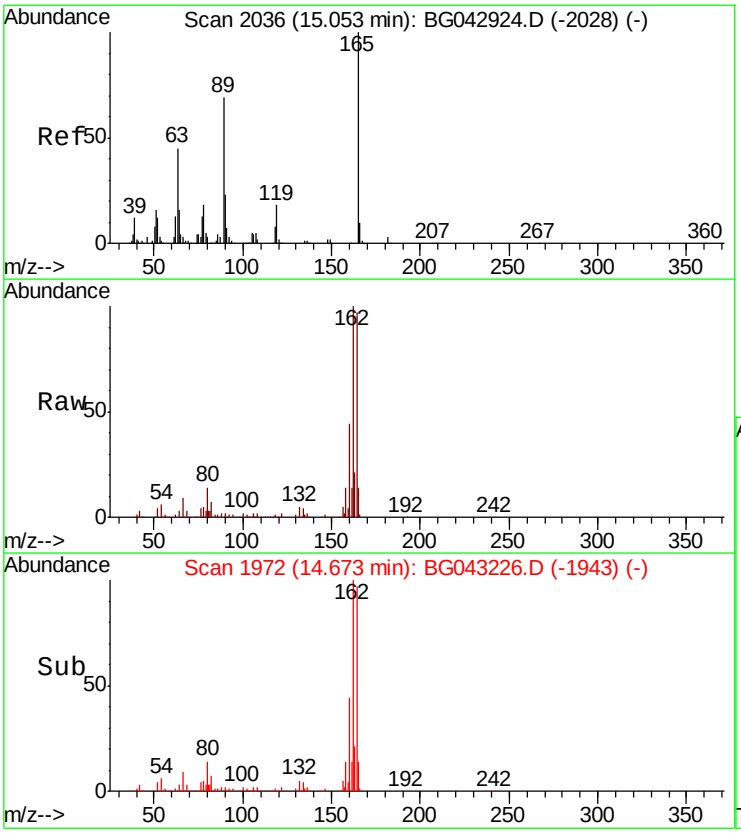
#50
Dimethylphthalate
Concen: 9.400 ng
RT: 14.12 min Scan# 1878
Delta R.T. -0.01 min
Lab File: BG043226.D
Acq: 15 Oct 2019 19:49

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:163 Resp: 94887

Ion	Ratio	Lower	Upper
163	100		
194	5.6	4.4	6.6
164	10.3	8.6	12.8

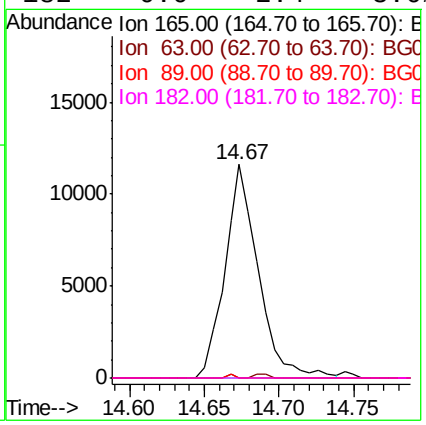


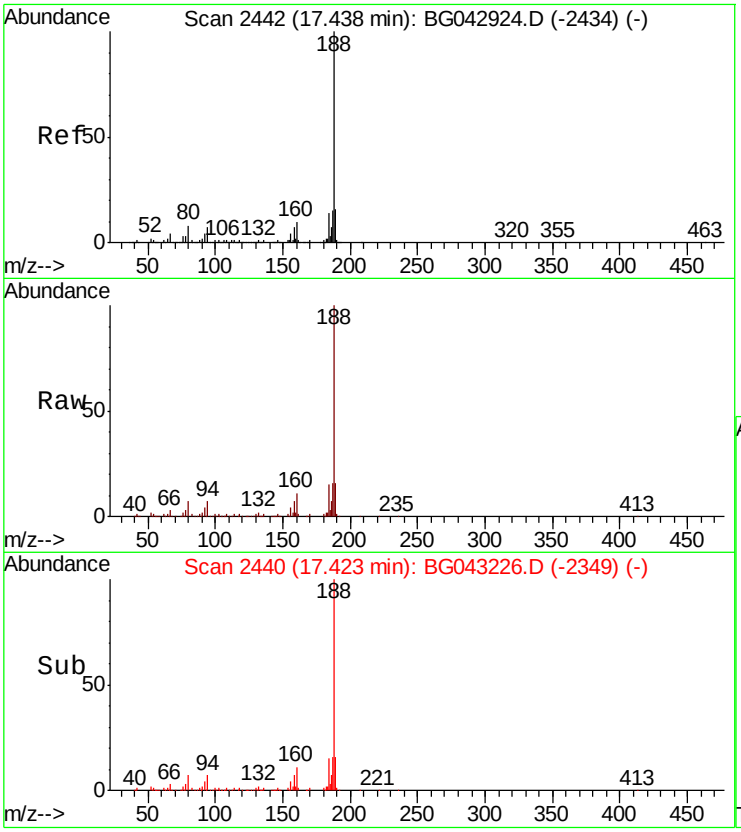


#57
2,4-Dinitrotoluene
Concen: 5.765 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.36 min
Lab File: BG043226.D
Acq: 15 Oct 2019 19:49

Tgt Ion:165 Resp: 18150

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



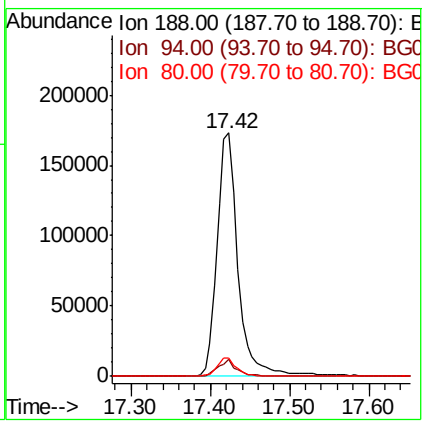


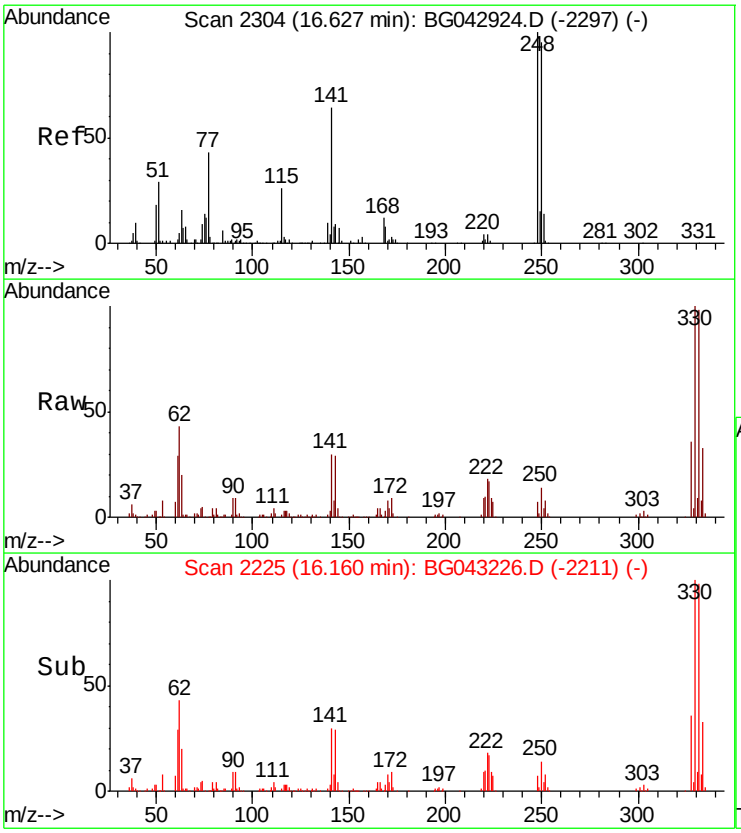
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2440
Delta R.T. 0.00 min
Lab File: BG043226.D
Acq: 15 Oct 2019 19:49

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 317091

Ion	Ratio	Lower	Upper
188	100		
94	6.9	5.7	8.5
80	7.3	6.5	9.7

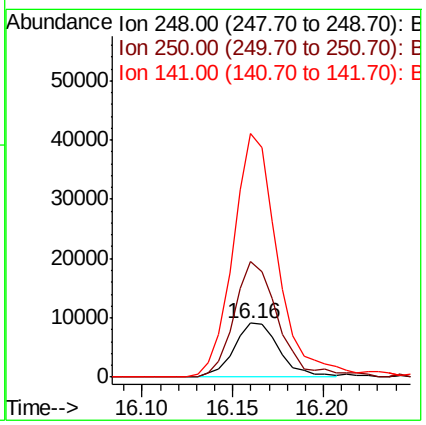


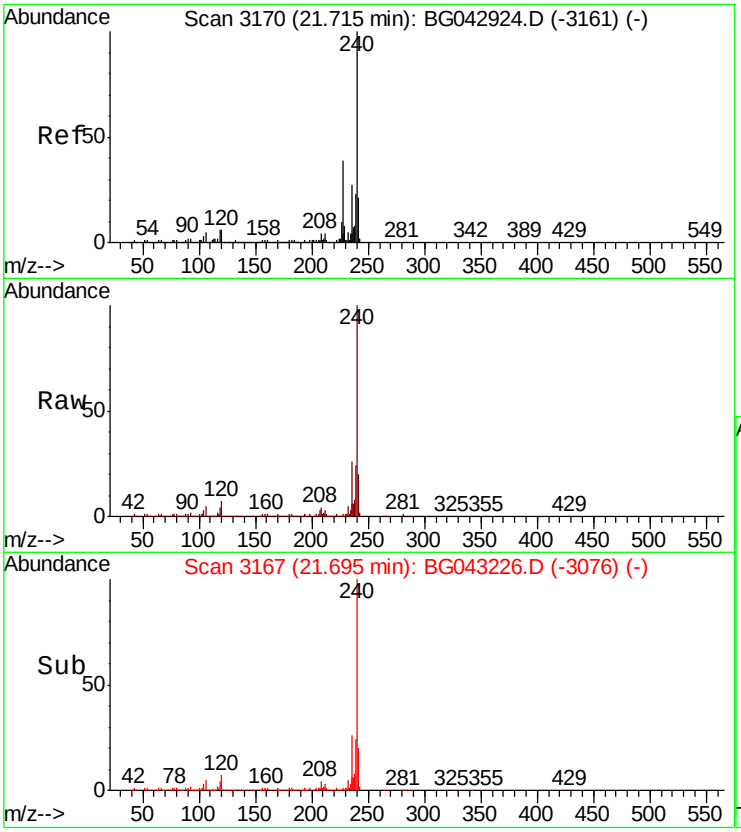


#67
4-Bromophenyl-phenylether
Concen: 3.988 ng
RT: 16.16 min Scan# 2225
Delta R.T. -0.45 min
Lab File: BG043226.D
Acq: 15 Oct 2019 19:49

Tgt Ion:248 Resp: 15871

Ion	Ratio	Lower	Upper
248	100		
250	214.4	75.8	113.8#
141	452.3	51.1	76.7#



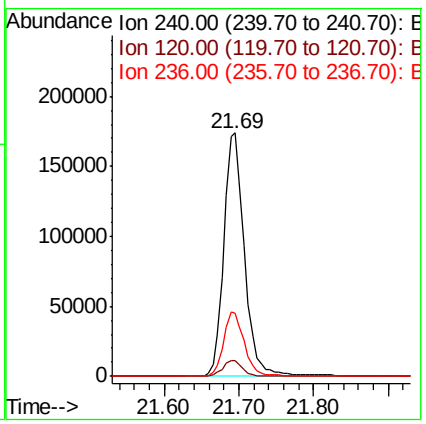


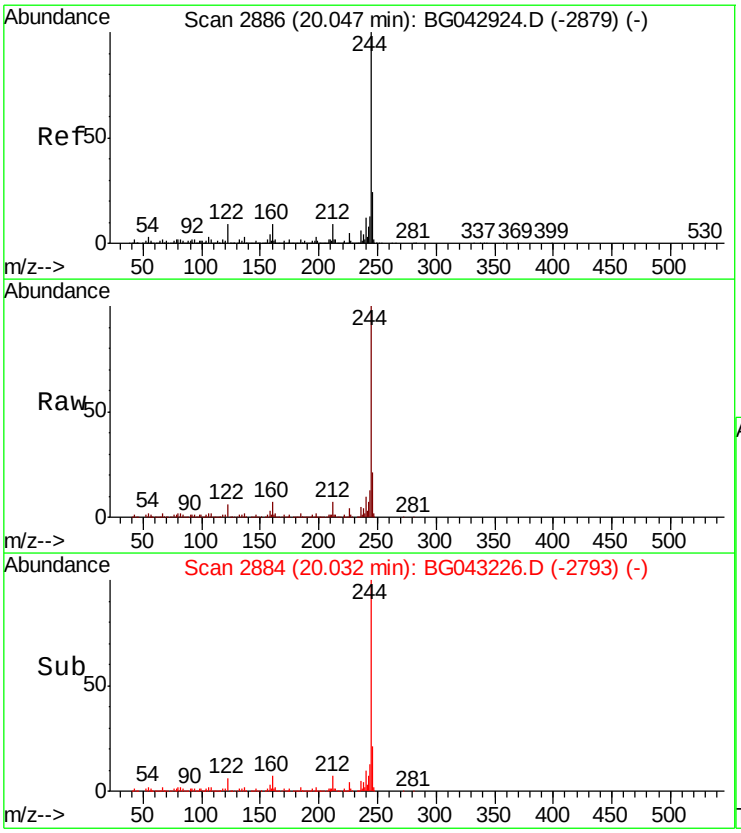
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3167
Delta R.T. 0.00 min
Lab File: BG043226.D
Acq: 15 Oct 2019 19:49

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 335732

Ion	Ratio	Lower	Upper
240	100		
120	6.6	4.8	7.2
236	26.1	21.4	32.0

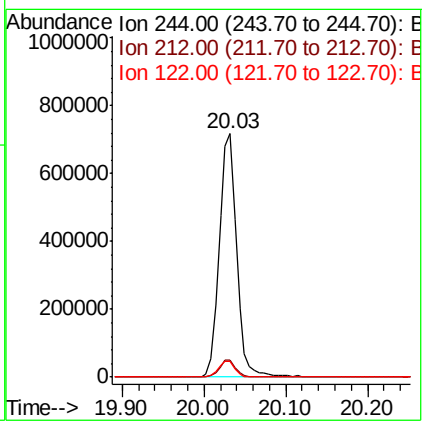


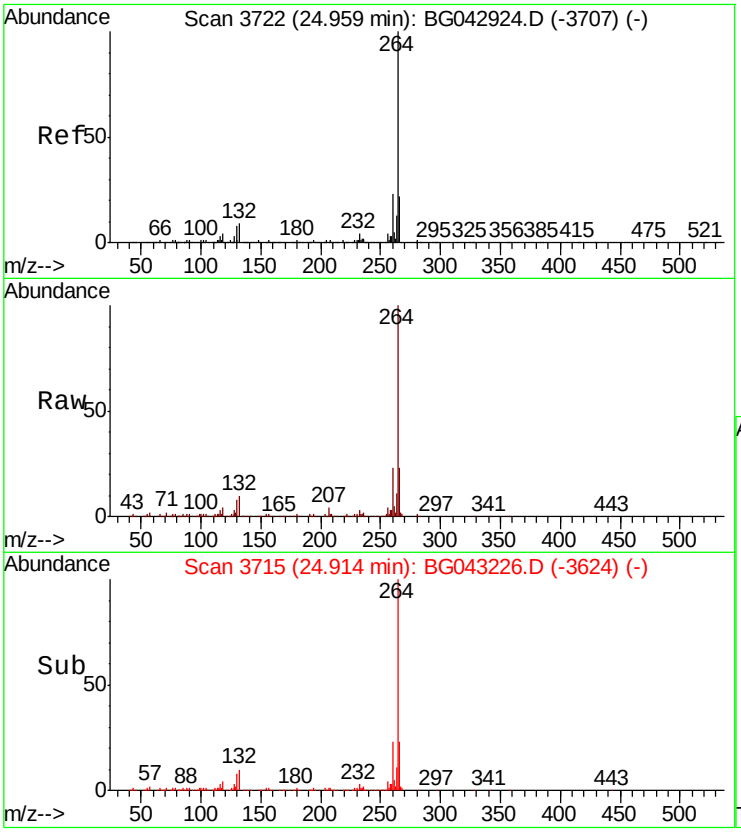


#79
Terphenyl-d14
Concen: 67.191 ng
RT: 20.03 min Scan# 2884
Delta R.T. 0.00 min
Lab File: BG043226.D
Acq: 15 Oct 2019 19:49

Tgt Ion:244 Resp: 1058633

Ion	Ratio	Lower	Upper
244	100		
212	7.3	7.4	11.0#
122	6.3	7.0	10.4#





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.91 min Scan# 3715
Delta R.T. 0.00 min
Lab File: BG043226.D
Acq: 15 Oct 2019 19:49

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 394085

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.7	28.1
265	22.5	17.7	26.5