Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112019\
Data File : BG043729.D
Acq On : 20 Nov 2019 15:54
Operator : JU
Sample : K5904-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Nov 21 00:35:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 19 15:23:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	27724	20.00	ng		0.00
21) Naphthalene-d8	10.80	136	101951	20.00	ng		0.00
39) Acenaphthene-d10	14.62	164	69465	20.00	ng		0.00
64) Phenanthrene-d10	17.37	188	181897	20.00	ng		0.00
76) Chrysene-d12	21.63	240	201794	20.00	ng		0.00
87) Perylene-d12	24.81	264	226370	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	230261	152.19	ng		0.00
7) Phenol-d6	7.18	99	307832	141.42	ng		0.00
23) Nitrobenzene-d5	9.15	82	188679	95.41	ng		0.00
42) 2,4,6-Tribromophenol	16.11	330	181015	136.93	ng		0.00
45) 2-Fluorobiphenyl	13.24	172	487666	97.01	ng		0.00
79) Terphenyl-d14	19.98	244	1003947	93.34	ng		0.00
Target Compounds							Qvalue
10) Phenol	7.21	94	12134	6.100	ng	#	74
15) Benzyl Alcohol	8.30	79	3536	2.313	ng	#	27
19) n-Nitroso-di-n-propylamine	9.15	70	25374	18.039	ng	#	72
50) Dimethylphthalate	14.08	163	40010	7.436	ng		97
57) 2,4-Dinitrotoluene	14.62	165	9553	5.719	ng	#	25
67) 4-Bromophenyl-phenylether	16.11	248	11189	4.571	ng	#	1
77) Benzidine	19.98	184	15255	3.756	ng	#	56

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

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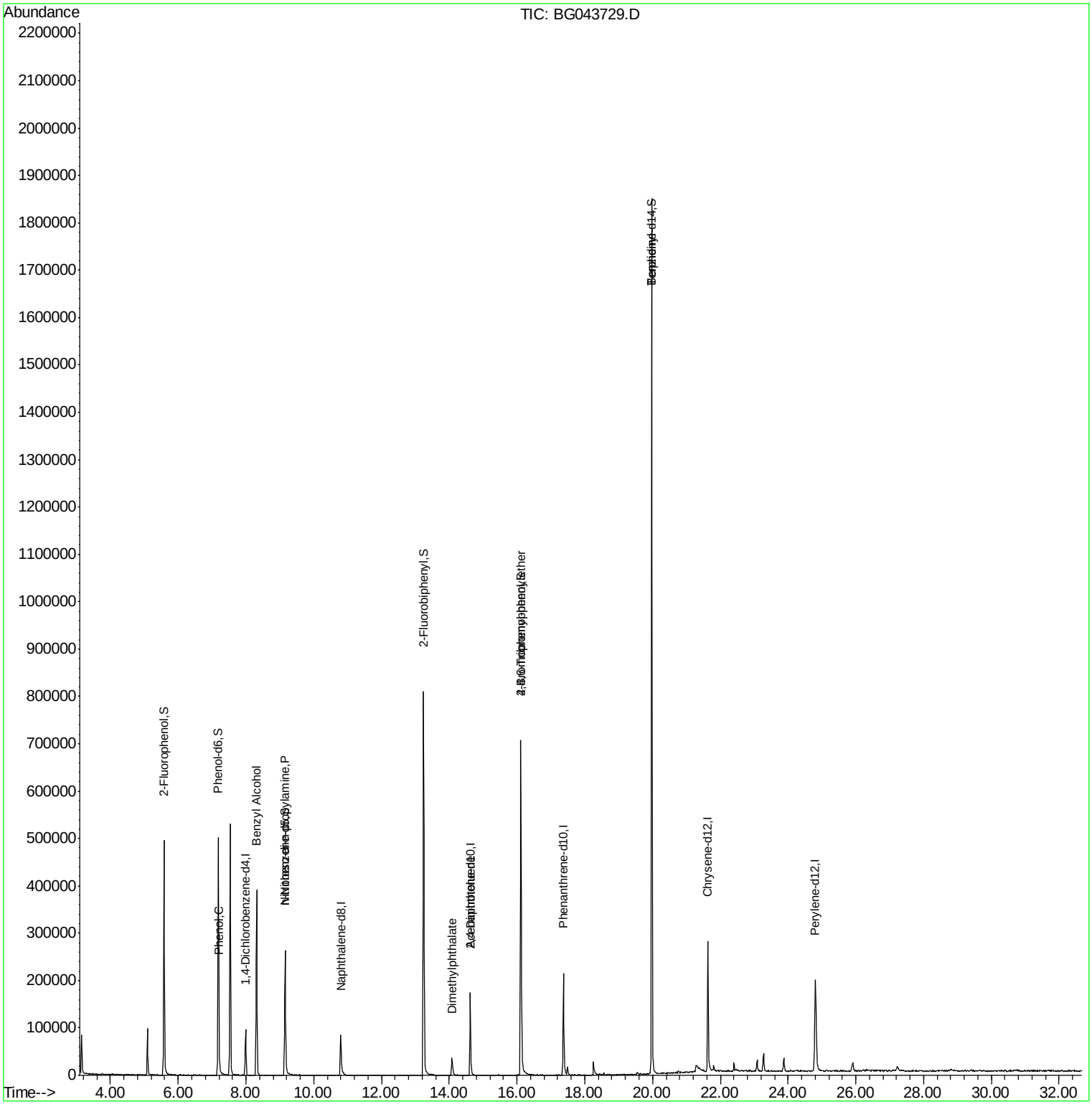
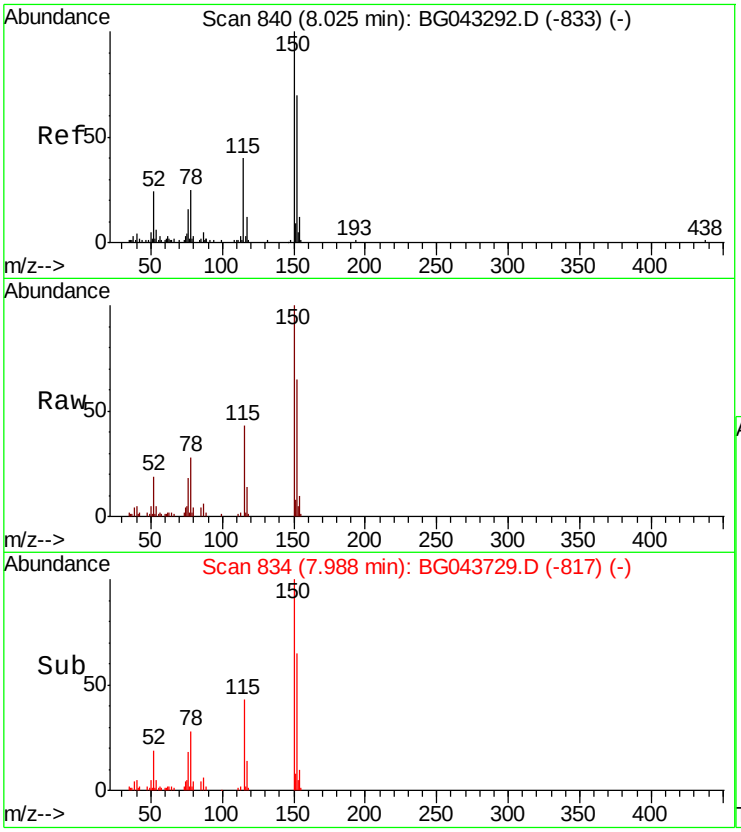


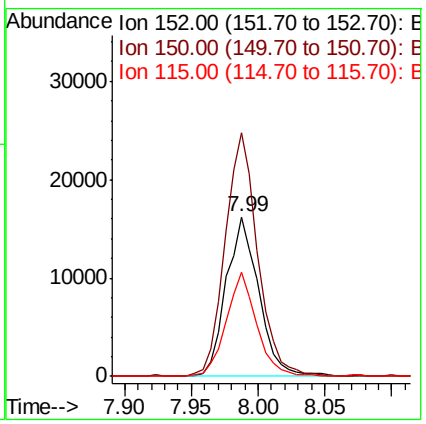


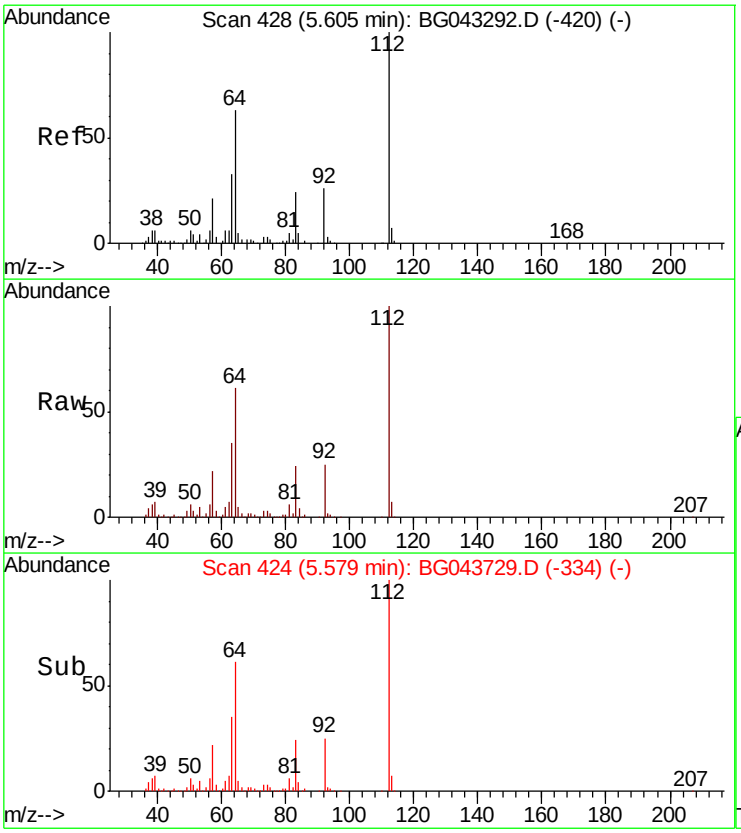
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 834
Delta R.T. -0.00 min
Lab File: BG043729.D
Acq: 20 Nov 2019 15:54

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 27724

Ion	Ratio	Lower	Upper
152	100		
150	152.9	116.6	175.0
115	65.6	40.5	60.7#

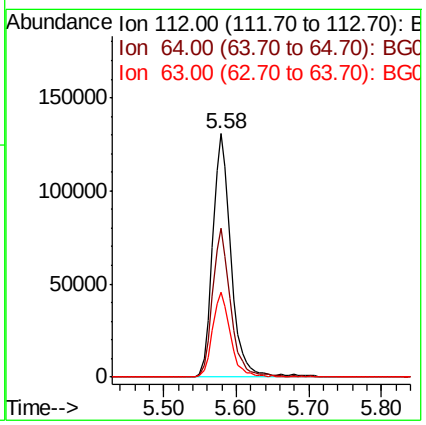


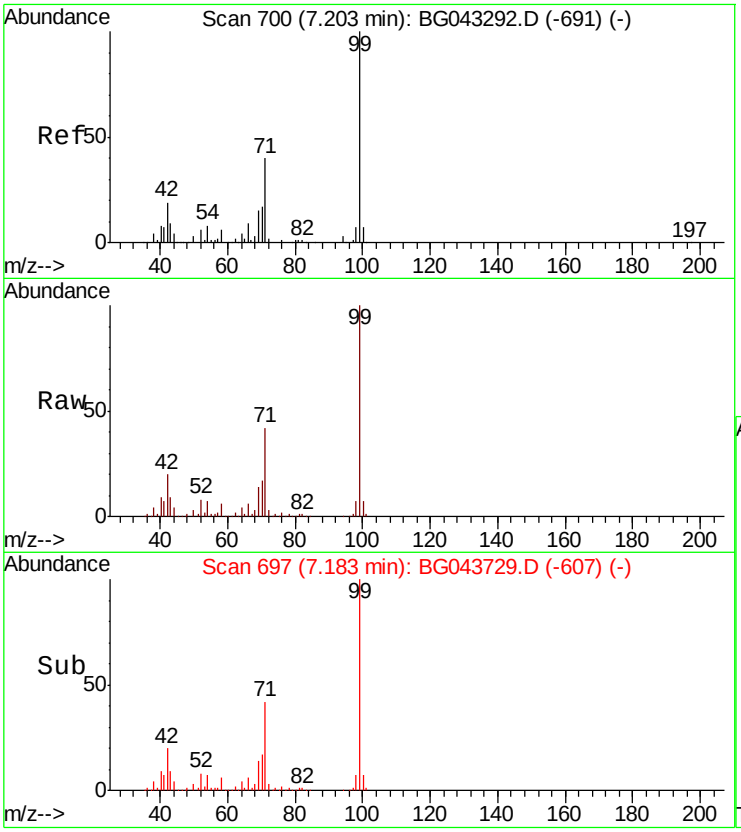


#5
2-Fluorophenol
Concen: 152.193 ng
RT: 5.58 min Scan# 424
Delta R.T. -0.00 min
Lab File: BG043729.D
Acq: 20 Nov 2019 15:54

Tgt Ion:112 Resp: 230261

Ion	Ratio	Lower	Upper
112	100		
64	61.0	50.6	75.8
63	34.9	30.5	45.7



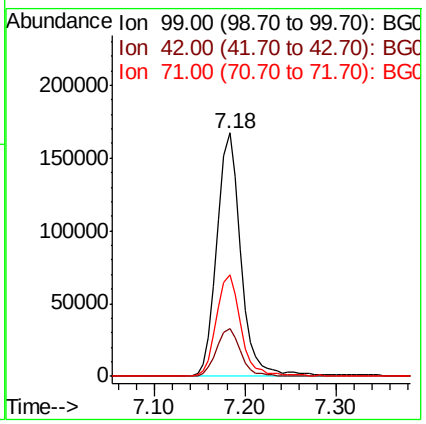


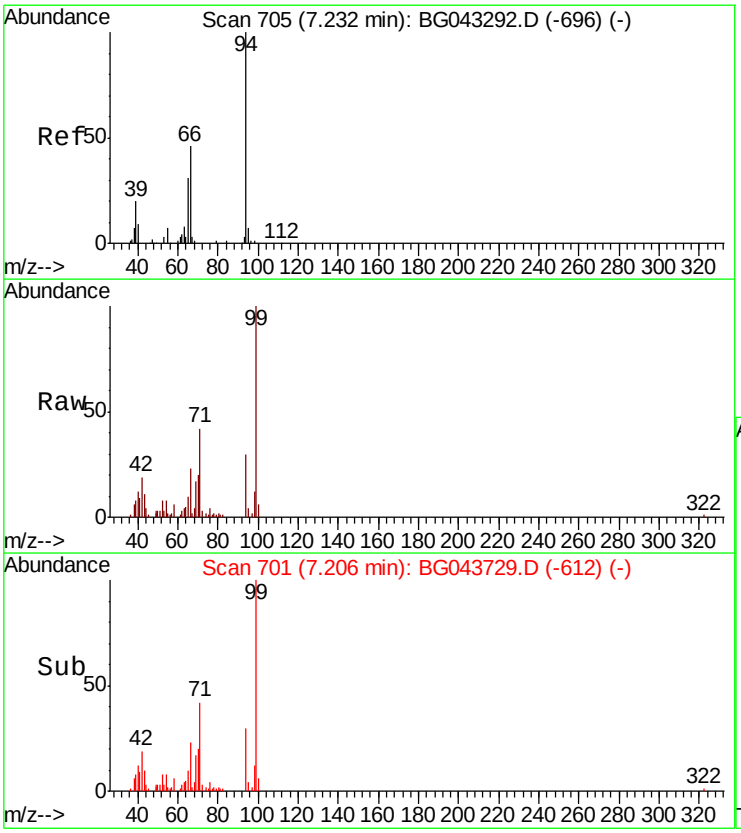
#7
Phenol-d6
Concen: 141.416 ng
RT: 7.18 min Scan# 697
Delta R.T. -0.00 min
Lab File: BG043729.D
Acq: 20 Nov 2019 15:54

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 307832

Ion	Ratio	Lower	Upper
99	100		
42	19.5	15.8	23.8
71	41.8	34.4	51.6

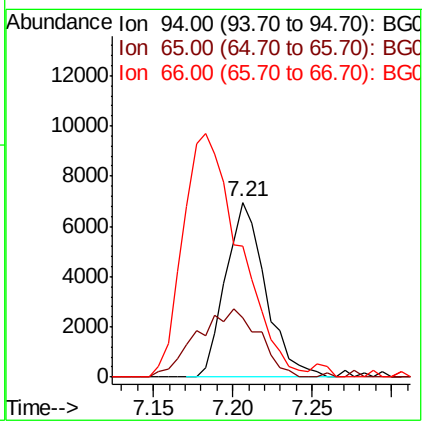


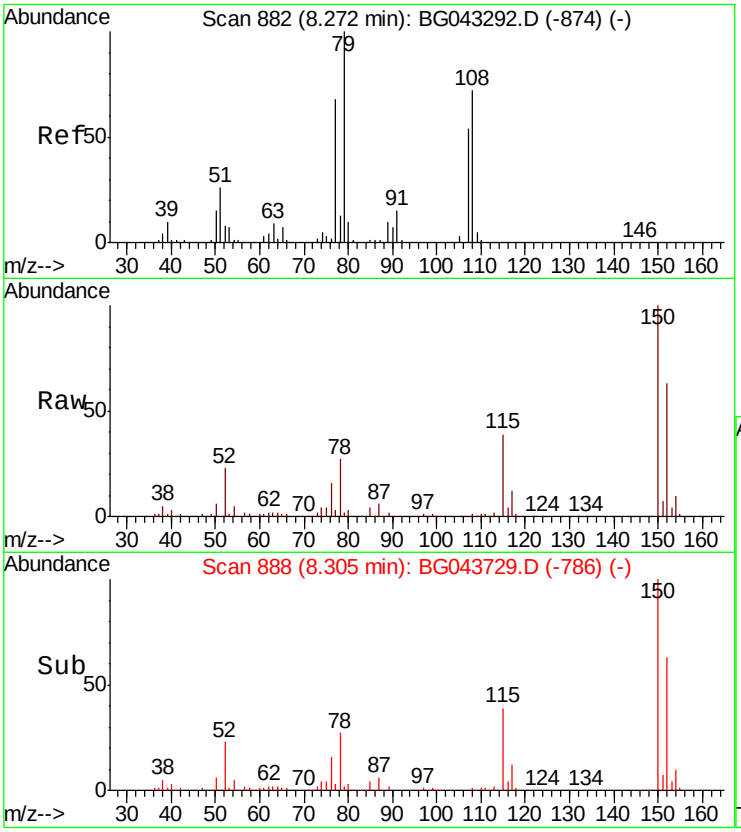


#10
Phenol
Concen: 6.100 ng
RT: 7.21 min Scan# 701
Delta R.T. -0.01 min
Lab File: BG043729.D
Acq: 20 Nov 2019 15:54

Tgt Ion: 94 Resp: 12134

Ion	Ratio	Lower	Upper
94	100		
65	34.1	11.4	51.4
66	75.3	28.4	68.4#



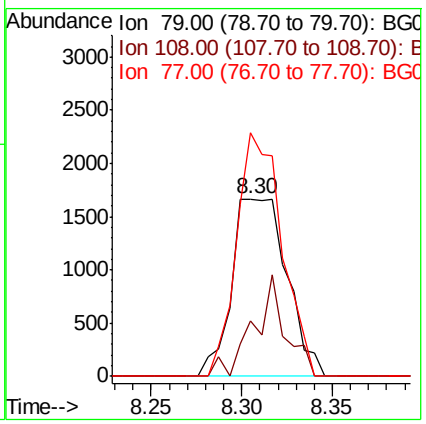


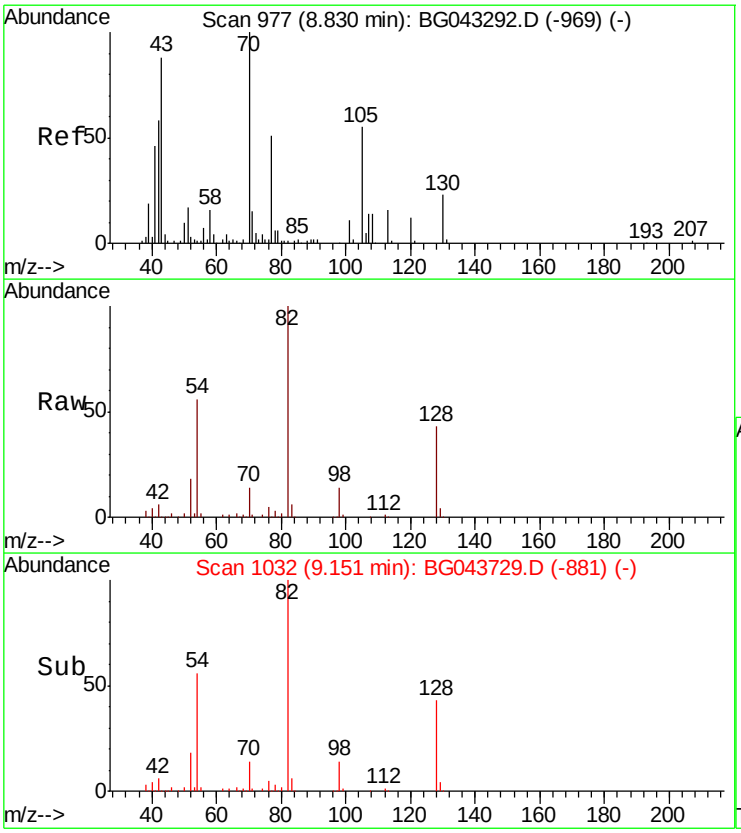
#15
Benzyl Alcohol
Concen: 2.313 ng
RT: 8.30 min Scan# 888
Delta R.T. 0.07 min
Lab File: BG043729.D
Acq: 20 Nov 2019 15:54

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 79 Resp: 3536

Ion	Ratio	Lower	Upper
79	100		
108	31.5	56.0	84.0#
77	137.3	47.9	71.9#

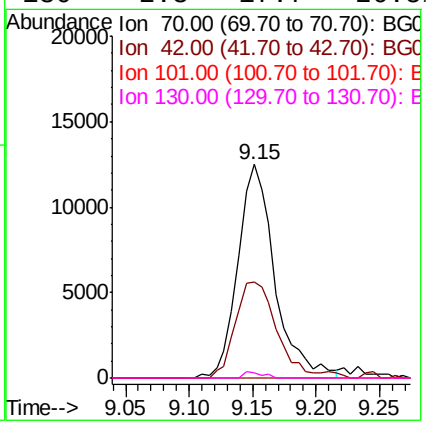


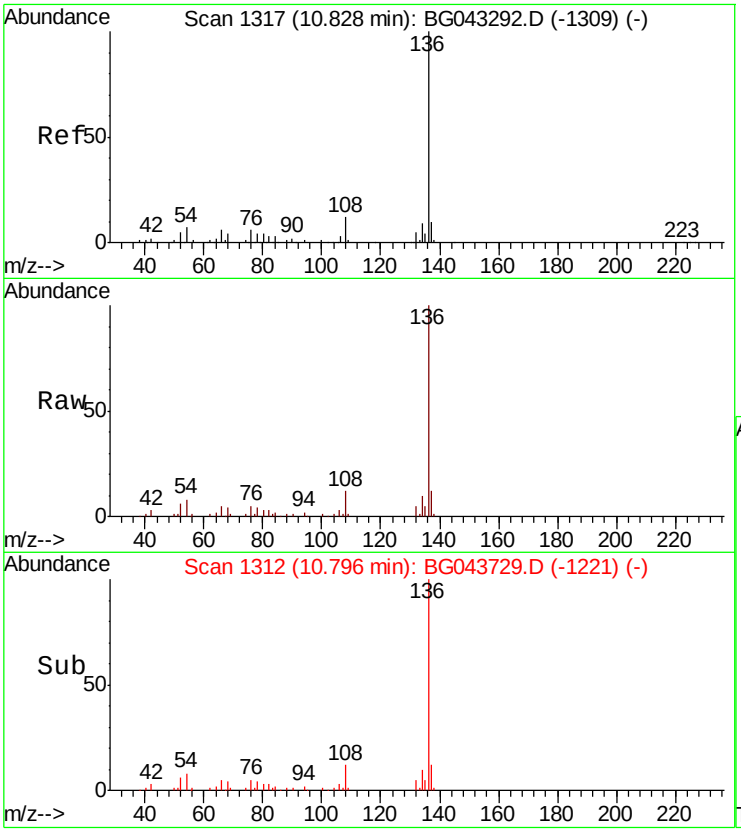


#19
n-Nitroso-di-n-propylamine
Concen: 18.039 ng
RT: 9.15 min Scan# 1032
Delta R.T. 0.36 min
Lab File: BG043729.D
Acq: 20 Nov 2019 15:54

Tgt Ion: 70 Resp: 25374

Ion	Ratio	Lower	Upper
70	100		
42	44.8	49.7	74.5#
101	0.0	9.7	14.5#
130	2.3	17.7	26.5#



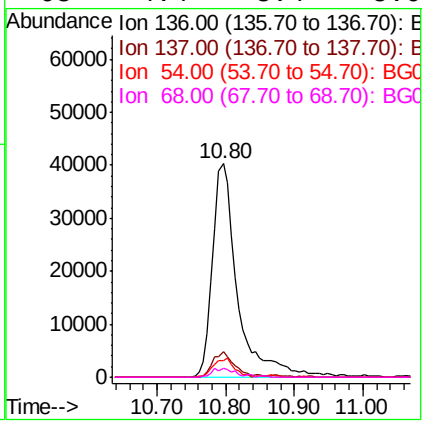


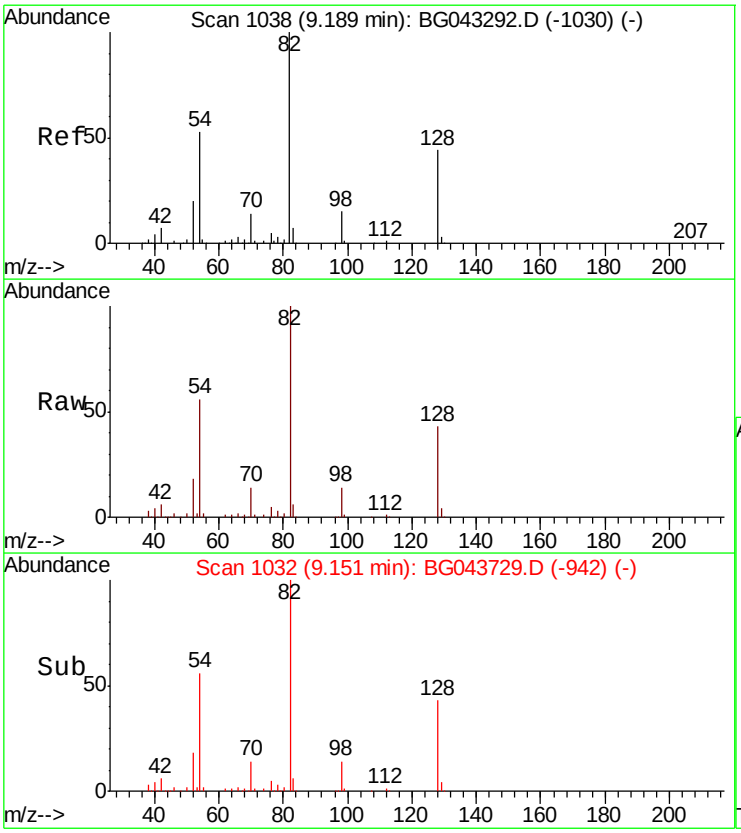
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BG043729.D
Acq: 20 Nov 2019 15:54

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 101951

Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.8	13.2
54	8.0	6.2	9.2
68	4.4	3.4	5.0

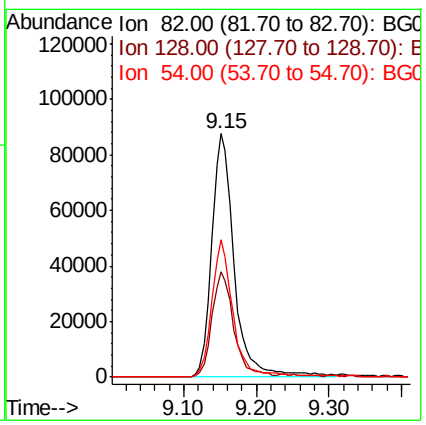


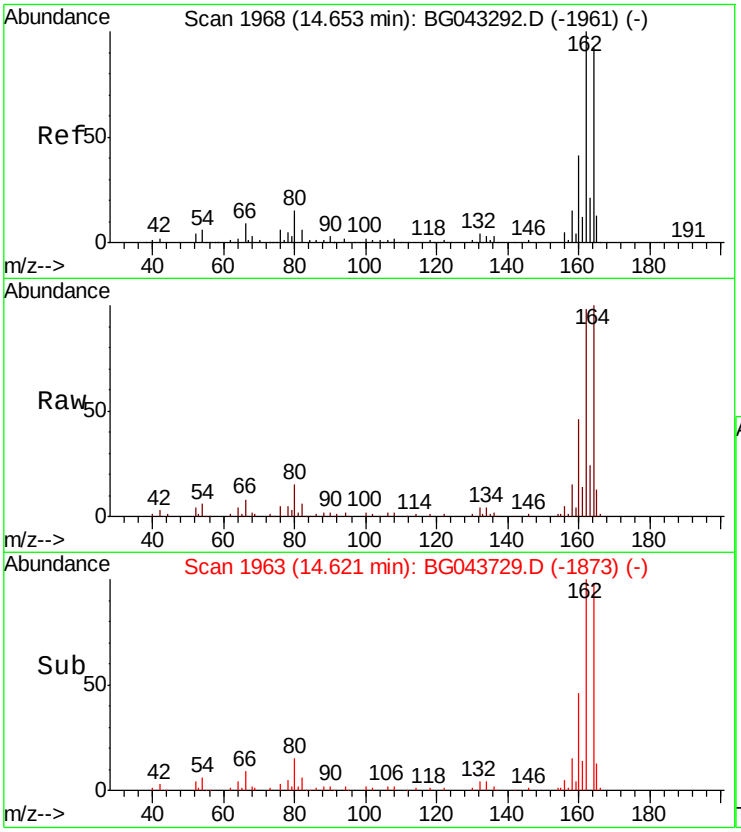


#23
Nitrobenzene-d5
Concen: 95.411 ng
RT: 9.15 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BG043729.D
Acq: 20 Nov 2019 15:54

Tgt Ion: 82 Resp: 188679

Ion	Ratio	Lower	Upper
82	100		
128	43.2	34.2	51.4
54	56.3	44.7	67.1



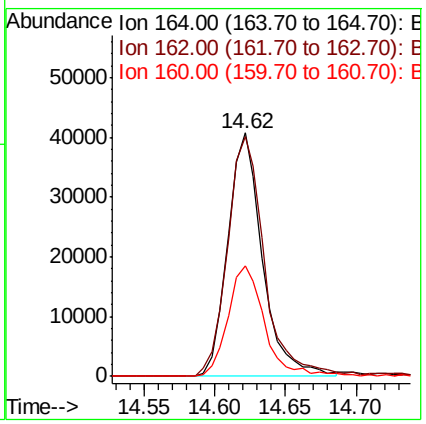


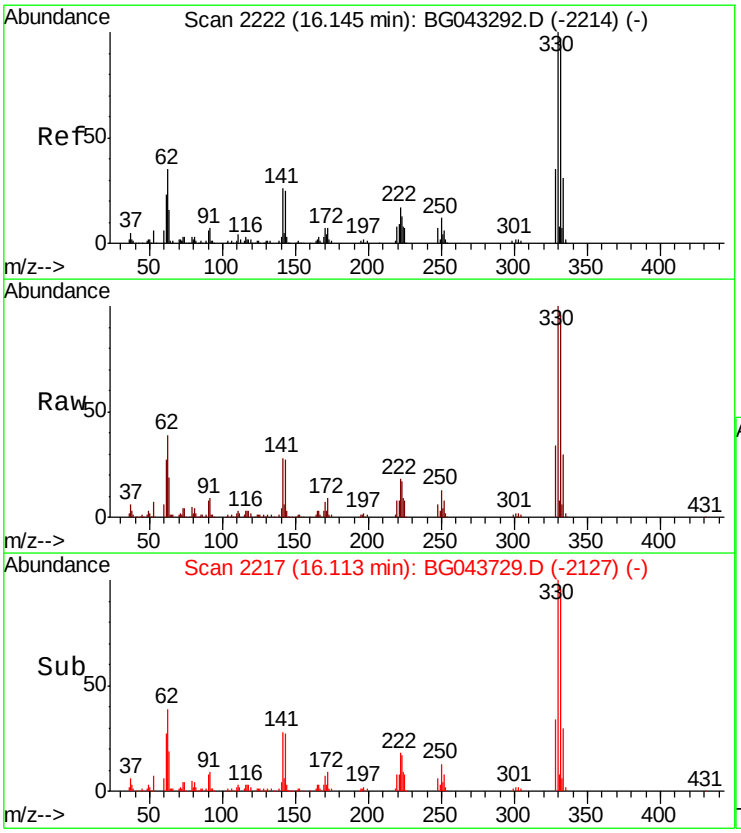
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.62 min Scan# 1963
Delta R.T. -0.00 min
Lab File: BG043729.D
Acq: 20 Nov 2019 15:54

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 69465

Ion	Ratio	Lower	Upper
164	100		
162	98.4	79.4	119.2
160	45.5	36.3	54.5

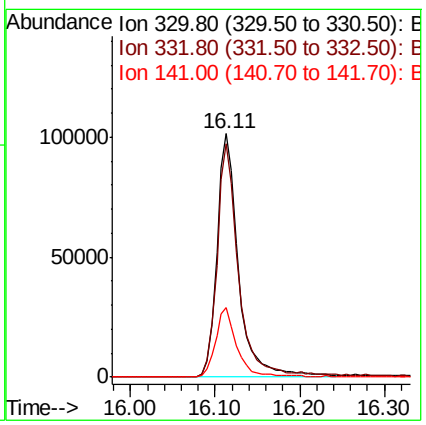


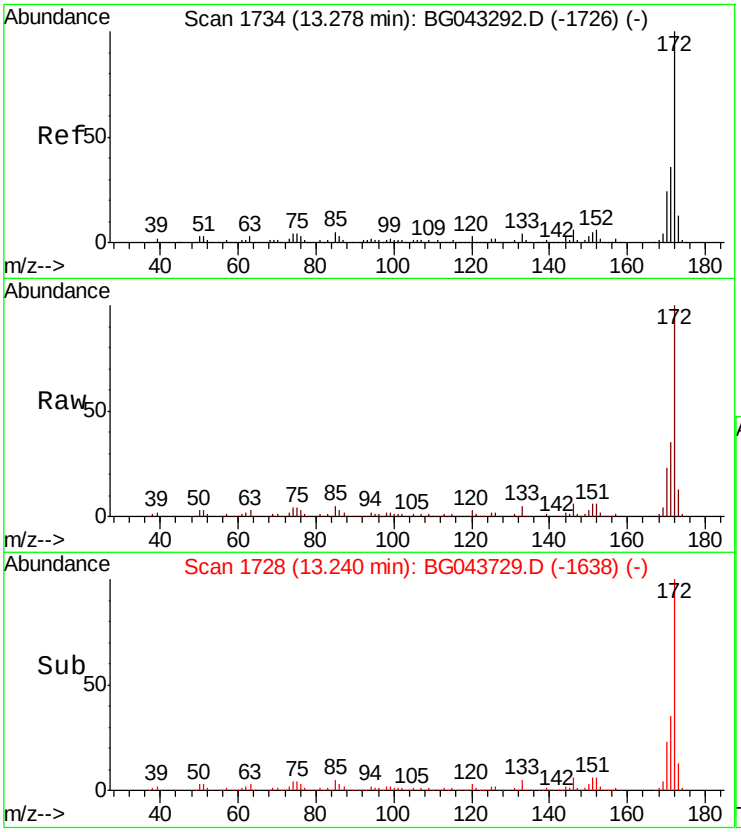


#42
2,4,6-Tribromophenol
Concen: 136.933 ng
RT: 16.11 min Scan# 2217
Delta R.T. -0.00 min
Lab File: BG043729.D
Acq: 20 Nov 2019 15:54

Tgt Ion:330 Resp: 181015

Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.6	115.0
141	28.6	23.4	35.2



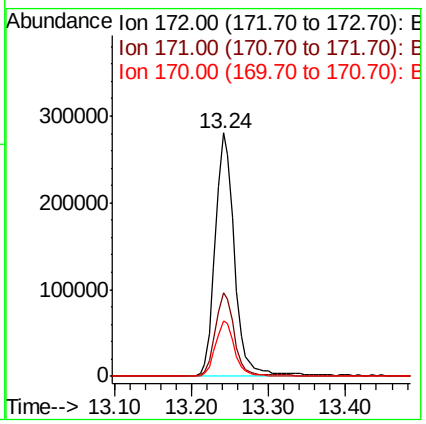


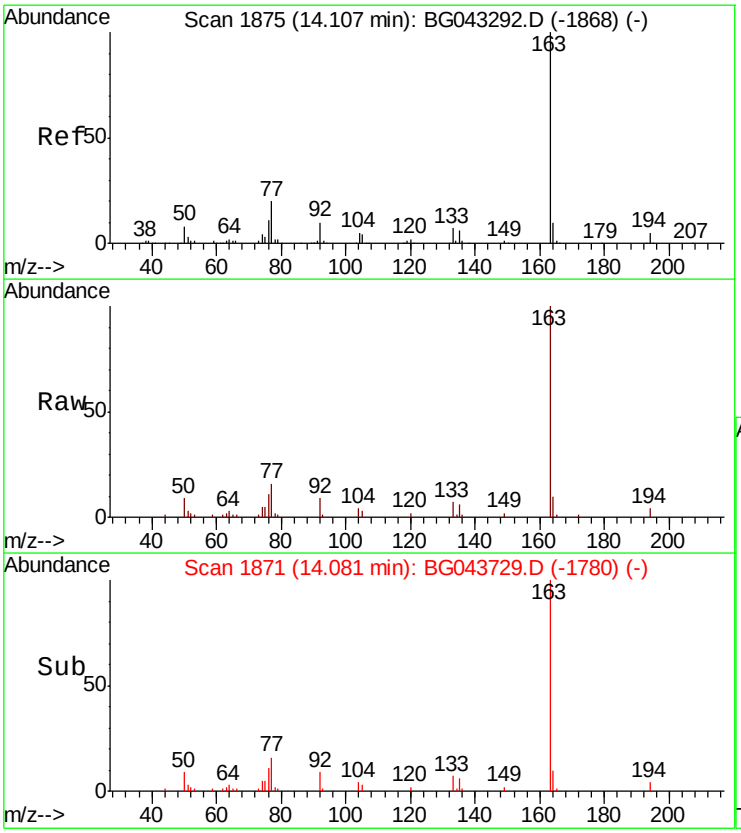
#45
2-Fluorobiphenyl
Concen: 97.007 ng
RT: 13.24 min Scan# 1728
Delta R.T. -0.00 min
Lab File: BG043729.D
Acq: 20 Nov 2019 15:54

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 487666

Ion	Ratio	Lower	Upper
172	100		
171	34.5	28.1	42.1
170	23.0	18.8	28.2

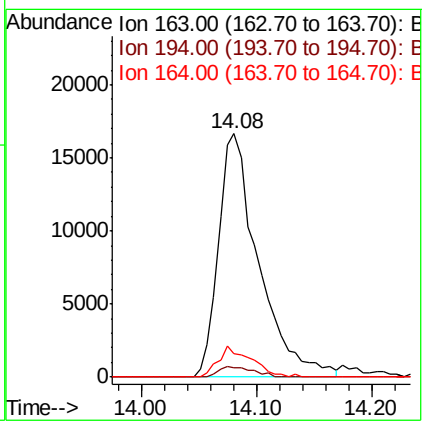


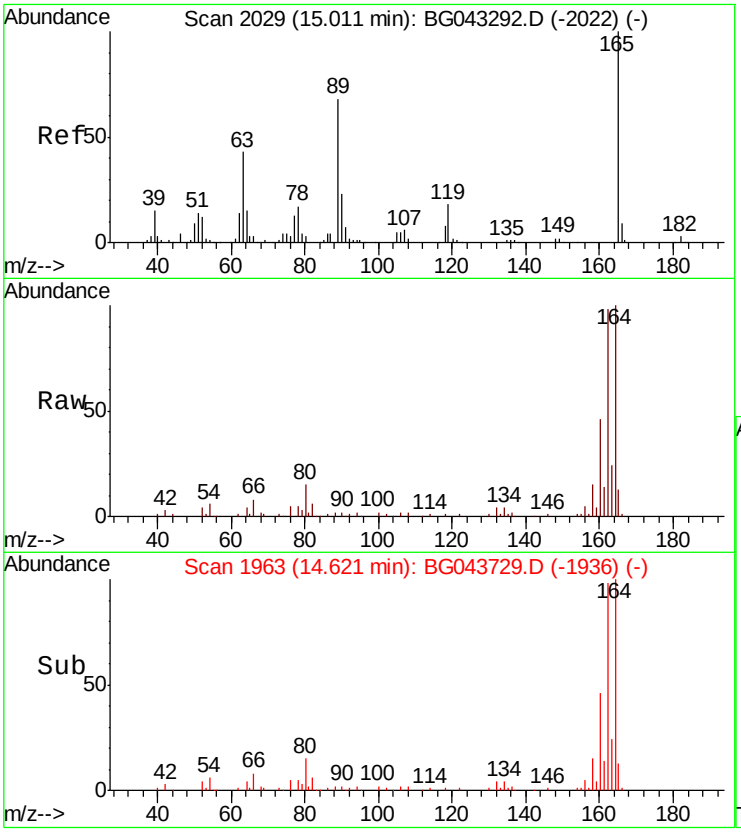


#50
Dimethylphthalate
Concen: 7.436 ng
RT: 14.08 min Scan# 1871
Delta R.T. 0.00 min
Lab File: BG043729.D
Acq: 20 Nov 2019 15:54

Tgt Ion:163 Resp: 40010

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.8	5.8
164	9.6	8.5	12.7



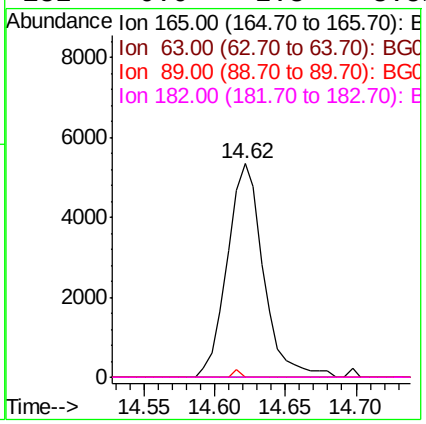


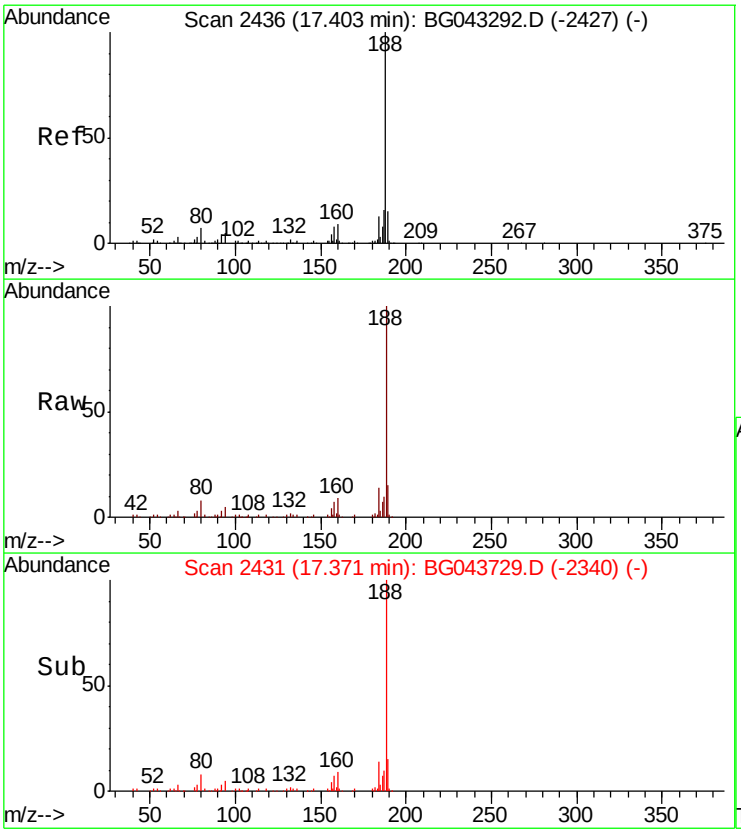
#57
2,4-Dinitrotoluene
Concen: 5.719 ng
RT: 14.62 min Scan# 1963
Delta R.T. -0.37 min
Lab File: BG043729.D
Acq: 20 Nov 2019 15:54

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 9553

Ion	Ratio	Lower	Upper
165	100		
63	0.0	37.4	56.0#
89	0.0	50.9	76.3#
182	0.0	2.3	3.5#

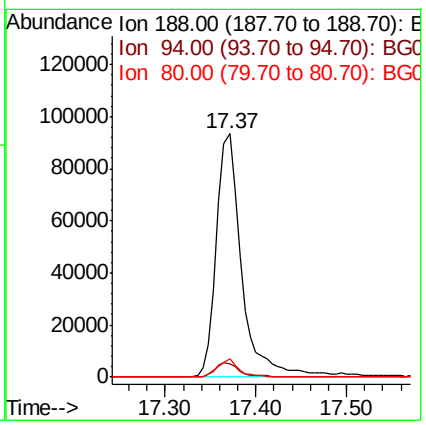


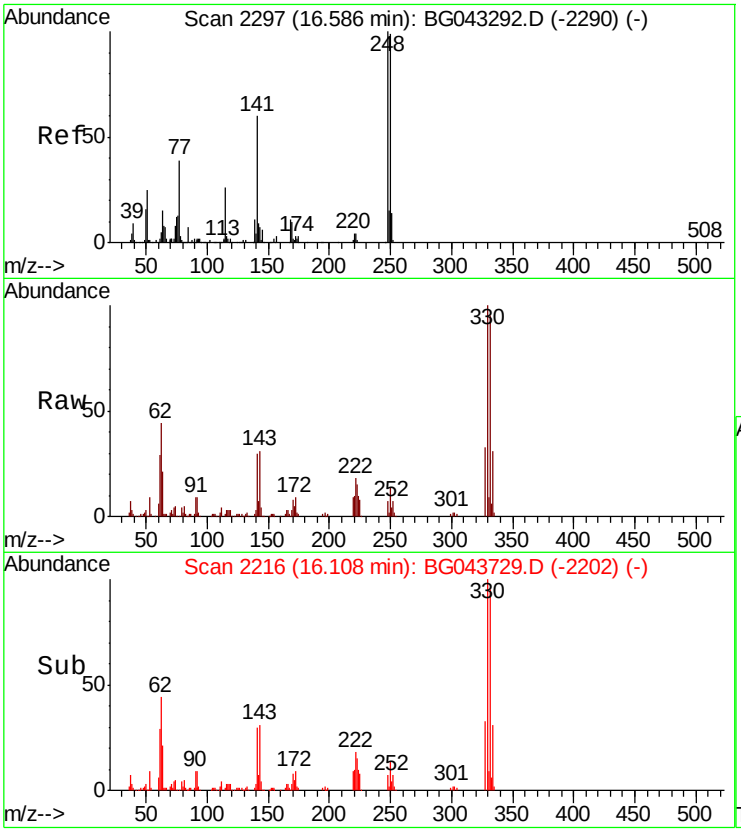


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.37 min Scan# 2431
Delta R.T. 0.00 min
Lab File: BG043729.D
Acq: 20 Nov 2019 15:54

Tgt Ion:188 Resp: 181897

Ion	Ratio	Lower	Upper
188	100		
94	5.5	4.6	7.0
80	7.5	5.2	7.8



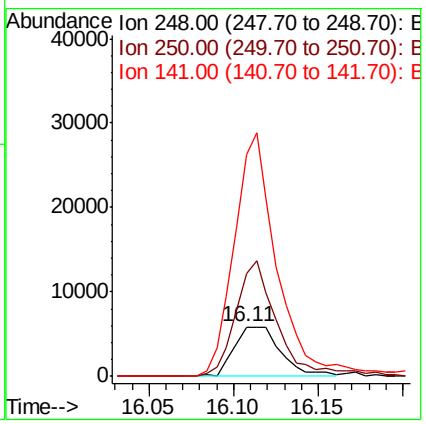


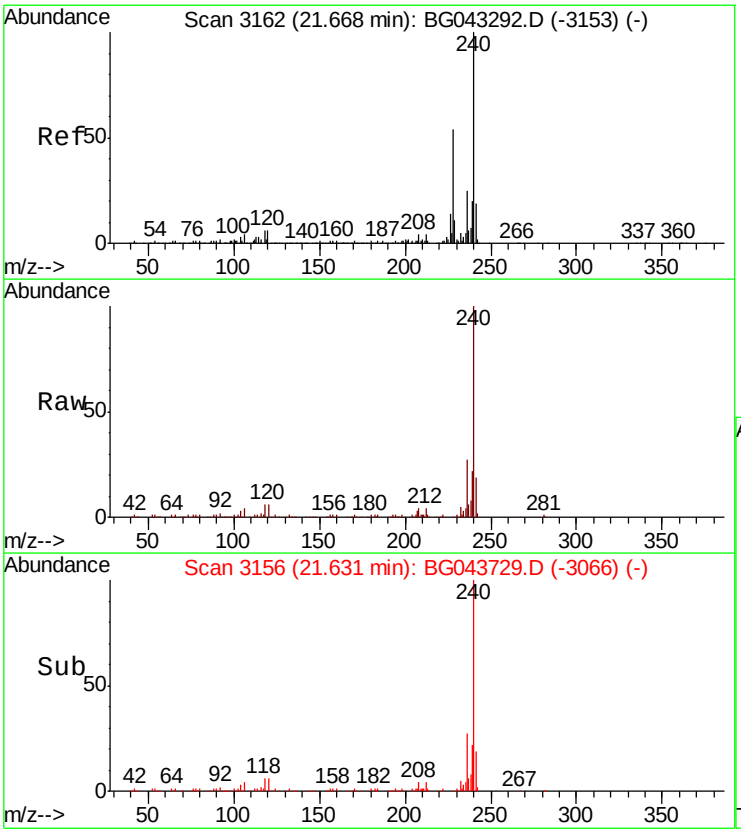
#67
4-Bromophenyl-phenylether
Concen: 4.571 ng
RT: 16.11 min Scan# 2216
Delta R.T. -0.45 min
Lab File: BG043729.D
Acq: 20 Nov 2019 15:54

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 11189

Ion	Ratio	Lower	Upper
248	100		
250	207.8	76.3	114.5#
141	447.0	49.5	74.3#

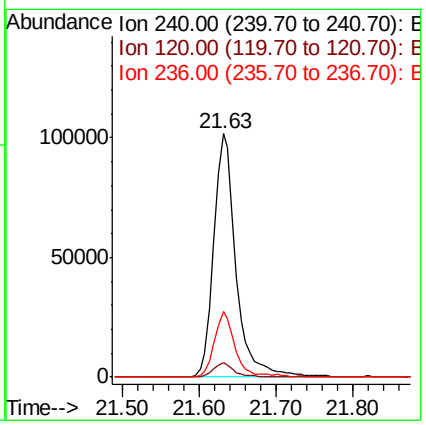


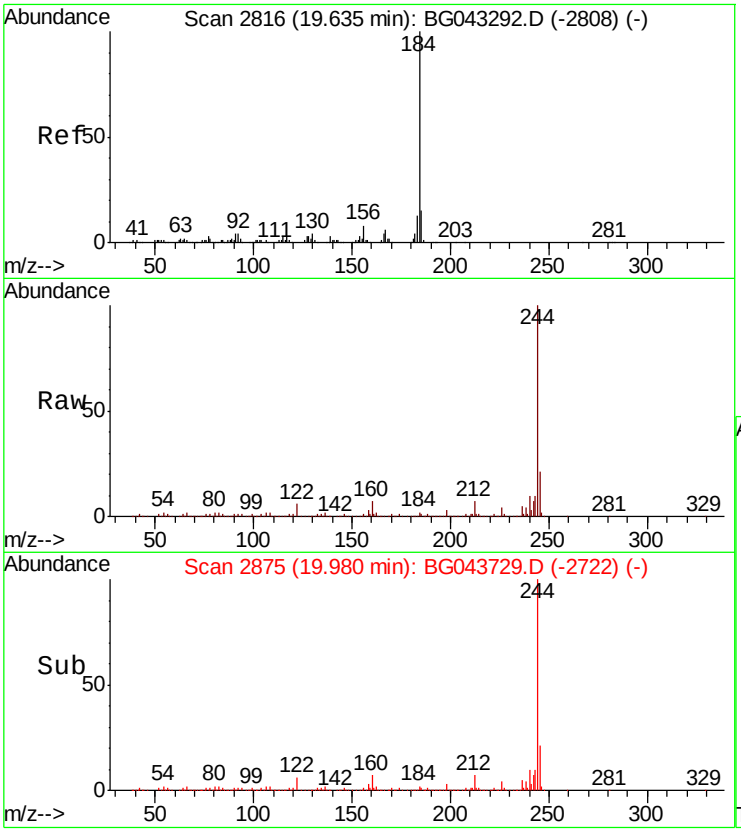


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.63 min Scan# 3156
Delta R.T. -0.00 min
Lab File: BG043729.D
Acq: 20 Nov 2019 15:54

Tgt Ion:240 Resp: 201794

Ion	Ratio	Lower	Upper
240	100		
120	5.9	4.9	7.3
236	26.9	21.4	32.0



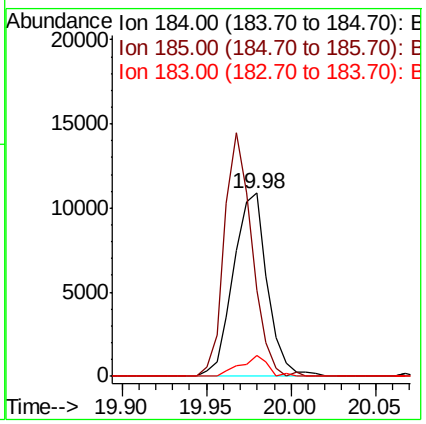


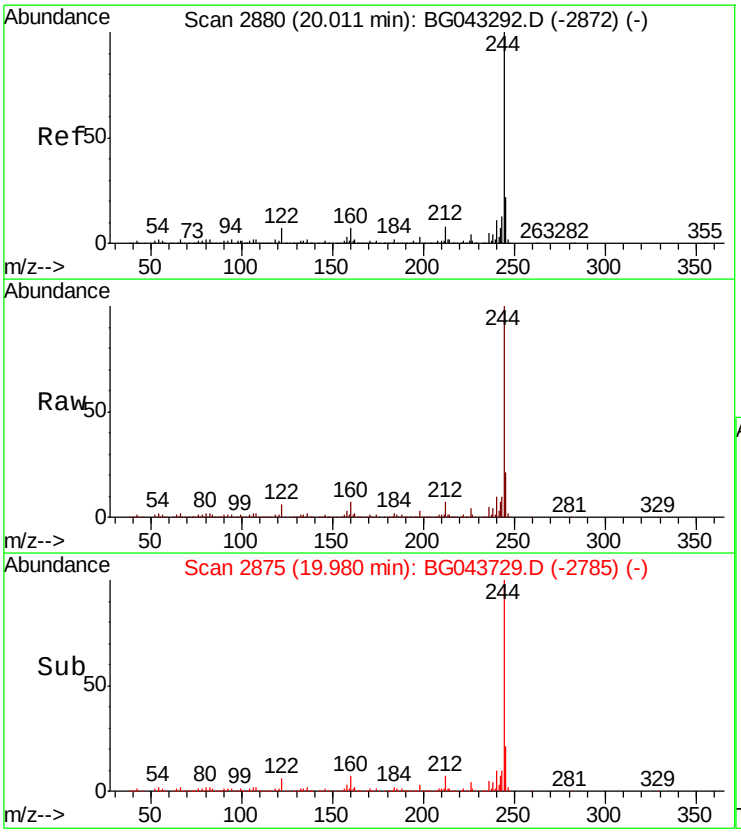
#77
Benzidine
Concen: 3.756 ng
RT: 19.98 min Scan# 2875
Delta R.T. 0.37 min
Lab File: BG043729.D
Acq: 20 Nov 2019 15:54

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 15255

Ion	Ratio	Lower	Upper
184	100		
185	46.8	12.7	19.1#
183	11.7	8.8	13.2

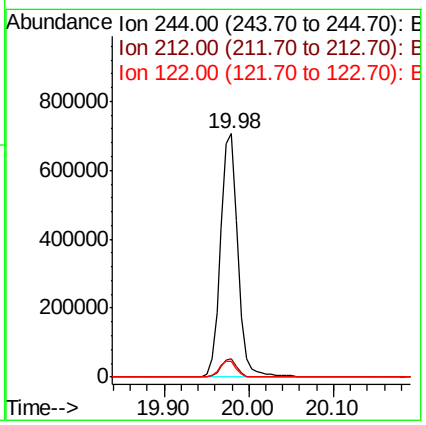


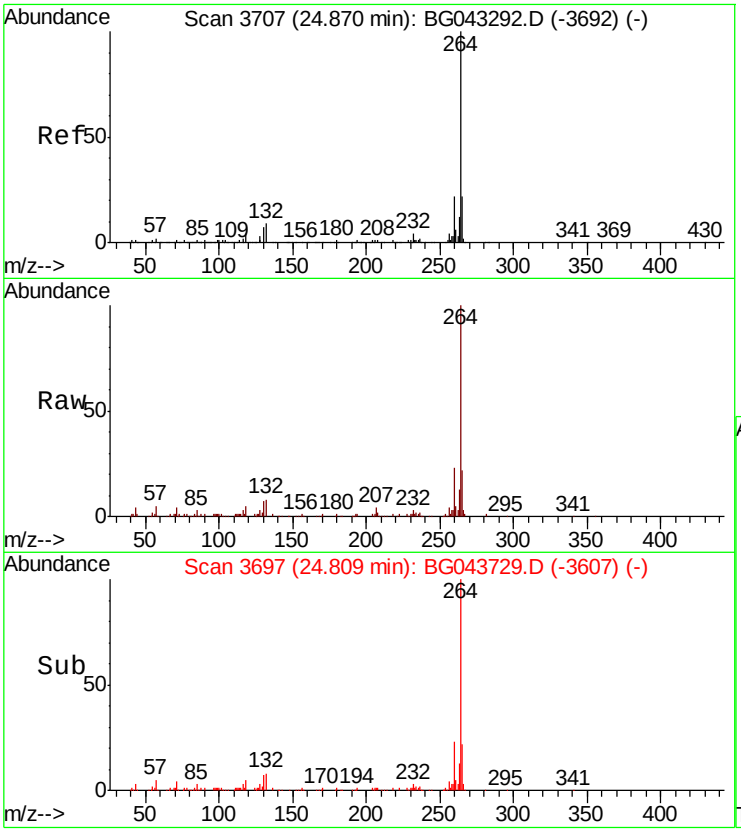


#79
Terphenyl-d14
Concen: 93.336 ng
RT: 19.98 min Scan# 2875
Delta R.T. -0.00 min
Lab File: BG043729.D
Acq: 20 Nov 2019 15:54

Tgt Ion:244 Resp: 1003947

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.6	8.4
122	6.2	5.2	7.8





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.81 min Scan# 3697
Delta R.T. -0.00 min
Lab File: BG043729.D
Acq: 20 Nov 2019 15:54

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 226370

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.4	27.6
265	22.1	15.8	23.8