Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112519\
Data File : BG043771.D
Acq On : 25 Nov 2019 16:17
Operator : JU
Sample : K5668-11
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HD-01-112119

Quant Time: Nov 26 00:44:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG112219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 23 00:54:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	73345	20.00	ng	-0.01
21) Naphthalene-d8	10.83	136	357885	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	278805	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	807474	20.00	ng	0.00
76) Chrysene-d12	21.66	240	817972	20.00	ng	-0.01
87) Perylene-d12	24.83	264	752630	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	651117	159.60	ng	0.00
7) Phenol-d6	7.18	99	973154	164.09	ng	0.00
23) Nitrobenzene-d5	9.18	82	551873	84.79	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	487510	144.97	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	1354510	79.86	ng	-0.01
79) Terphenyl-d14	20.01	244	2948261	81.45	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.21	94	22922	3.765	ng	96
50) Dimethylphthalate	14.10	163	345046	15.623	ng	99
77) Benzidine	19.61	184	120810	5.056	ng	98

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

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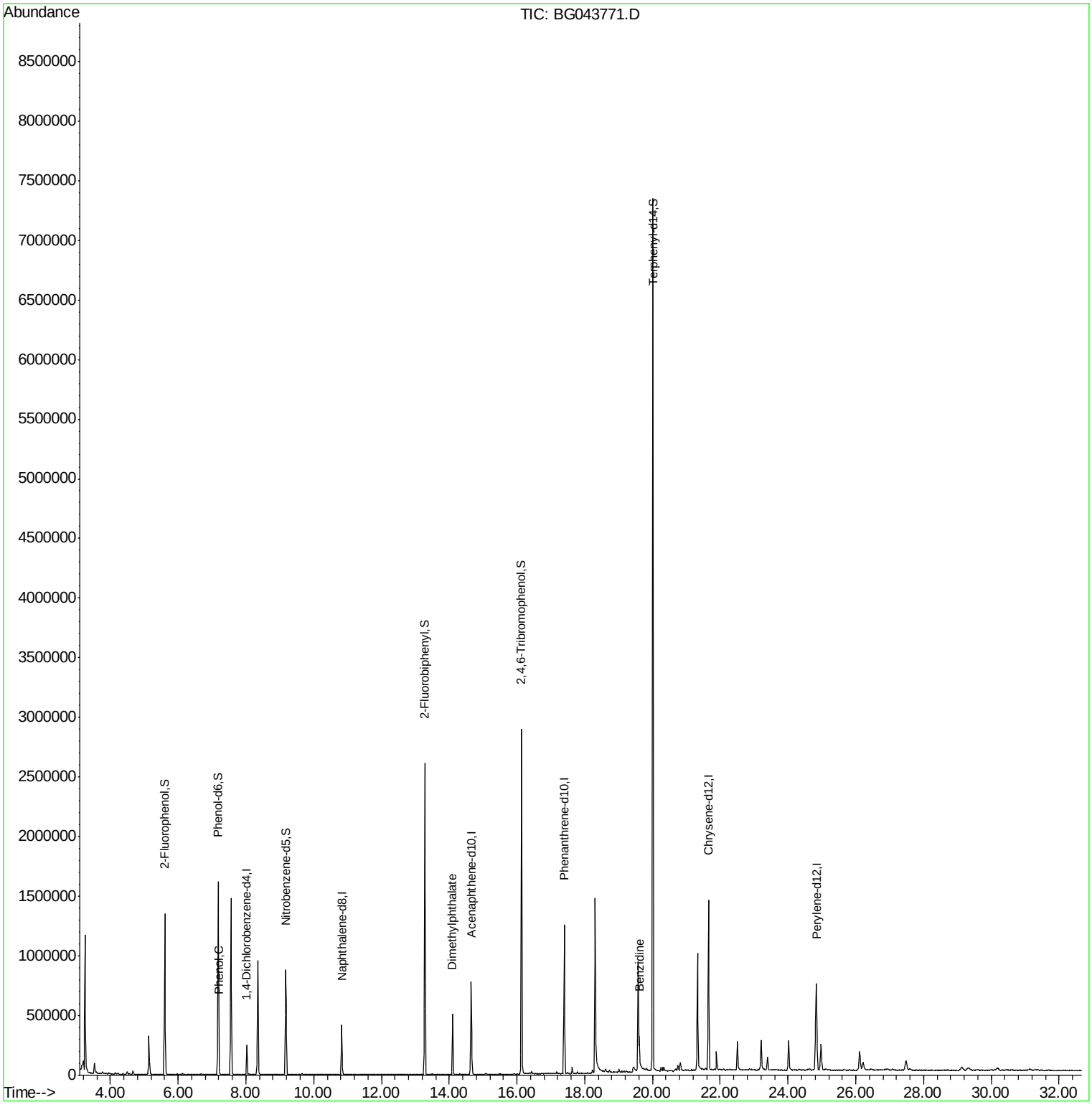
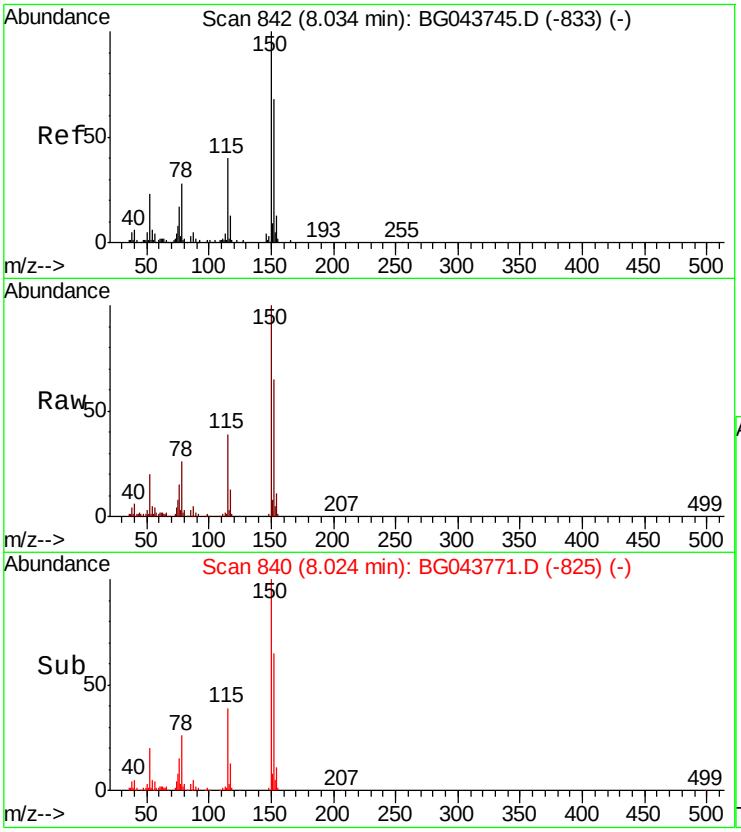


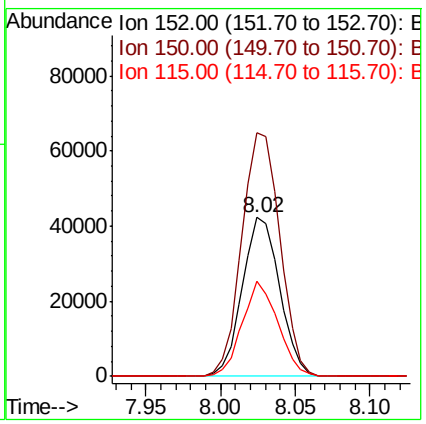


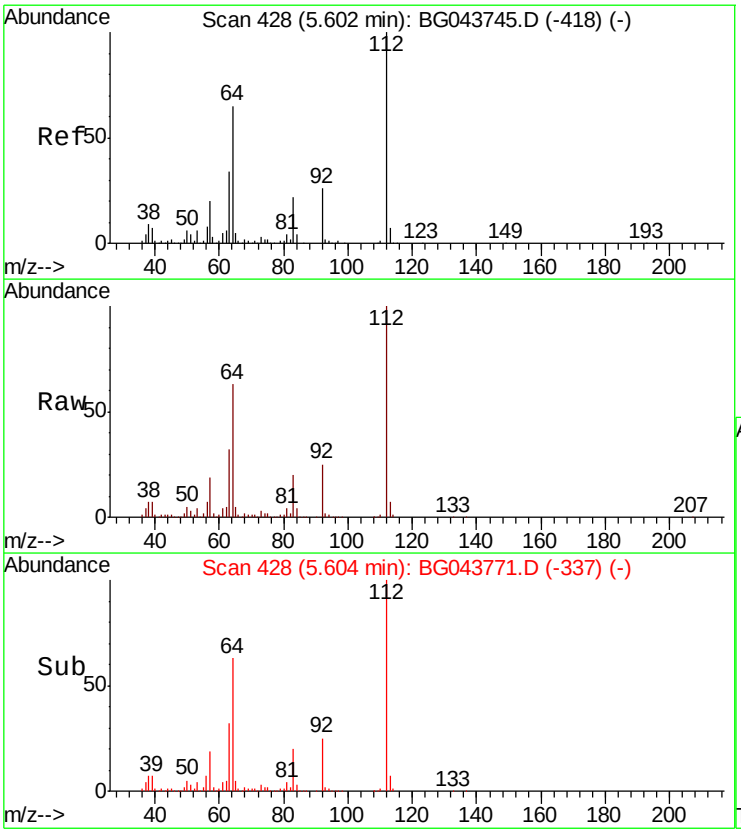
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.01 min
Lab File: BG043771.D
Acq: 25 Nov 2019 16:17

Instrument :
BNA_G
ClientSampleId :
HD-01-112119

Tgt Ion:152 Resp: 73345

Ion	Ratio	Lower	Upper
152	100		
150	153.2	117.8	176.8
115	60.2	47.0	70.4

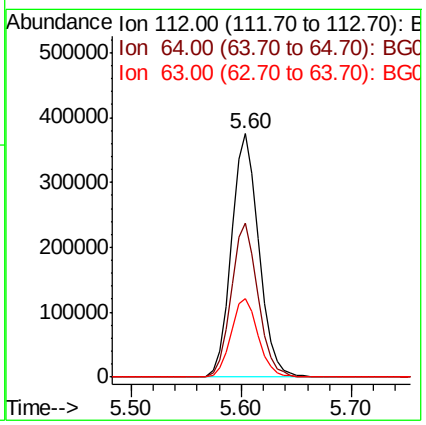


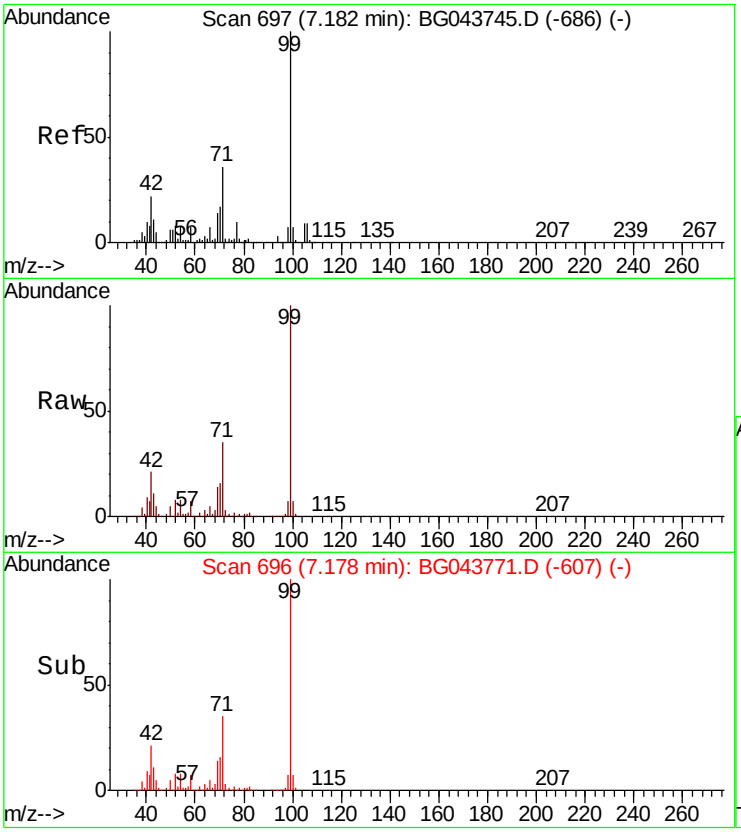


#5
2-Fluorophenol
Concen: 159.597 ng
RT: 5.60 min Scan# 428
Delta R.T. 0.00 min
Lab File: BG043771.D
Acq: 25 Nov 2019 16:17

Tgt Ion:112 Resp: 651117

Ion	Ratio	Lower	Upper
112	100		
64	63.2	51.7	77.5
63	32.1	26.8	40.2



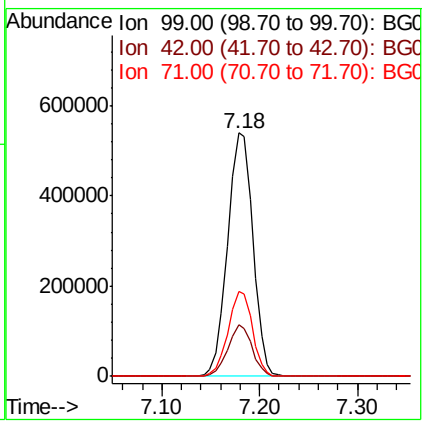


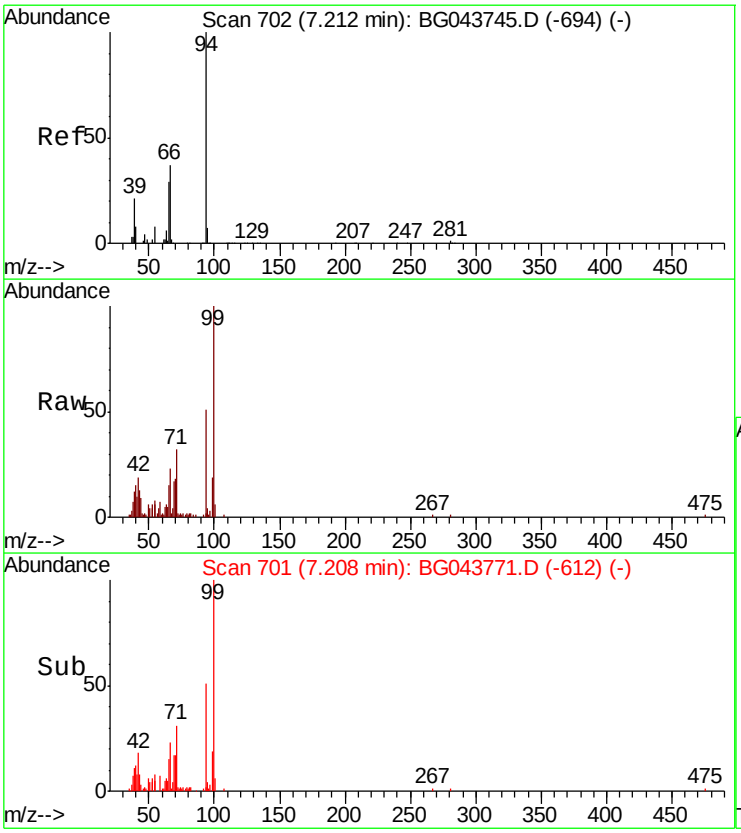
#7
Phenol-d6
Concen: 164.090 ng
RT: 7.18 min Scan# 696
Delta R.T. -0.00 min
Lab File: BG043771.D
Acq: 25 Nov 2019 16:17

Instrument :
BNA_G
ClientSampleId :
HD-01-112119

Tgt Ion: 99 Resp: 973154

Ion	Ratio	Lower	Upper
99	100		
42	21.0	17.4	26.0
71	35.0	29.5	44.3

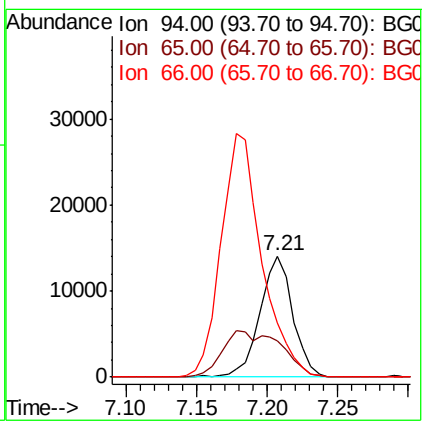


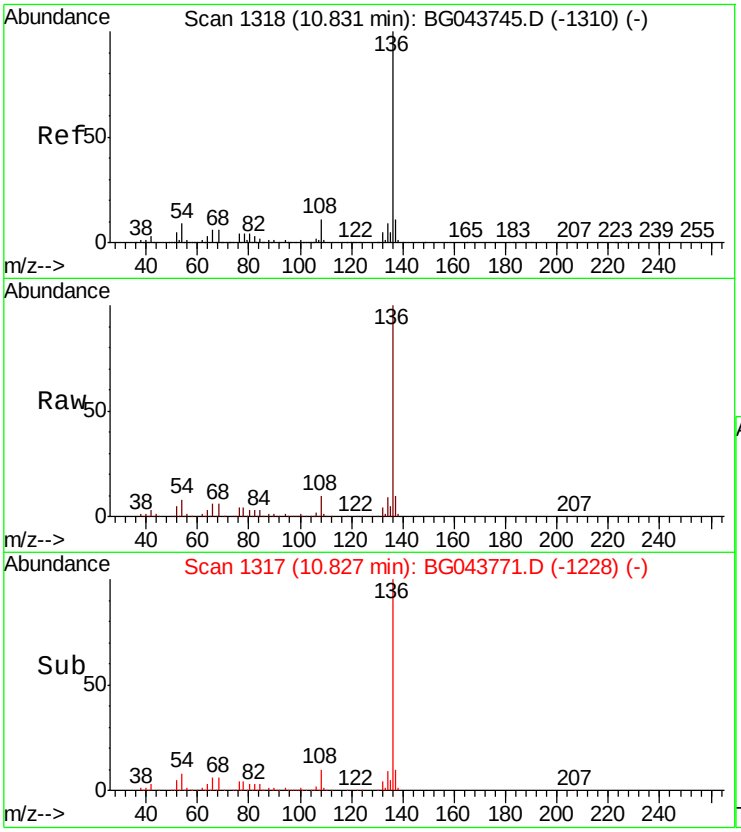


#10
Phenol
Concen: 3.765 ng
RT: 7.21 min Scan# 701
Delta R.T. -0.00 min
Lab File: BG043771.D
Acq: 25 Nov 2019 16:17

Tgt Ion: 94 Resp: 22922

Ion	Ratio	Lower	Upper
94	100		
65	30.1	10.3	50.3
66	44.3	20.5	60.5



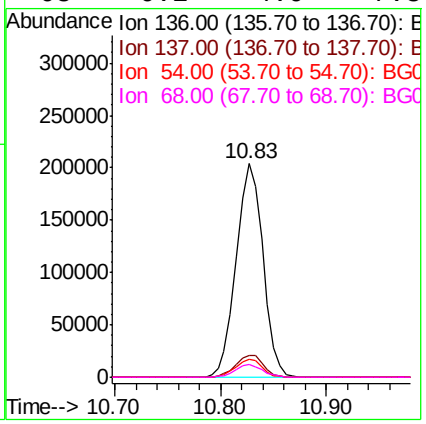


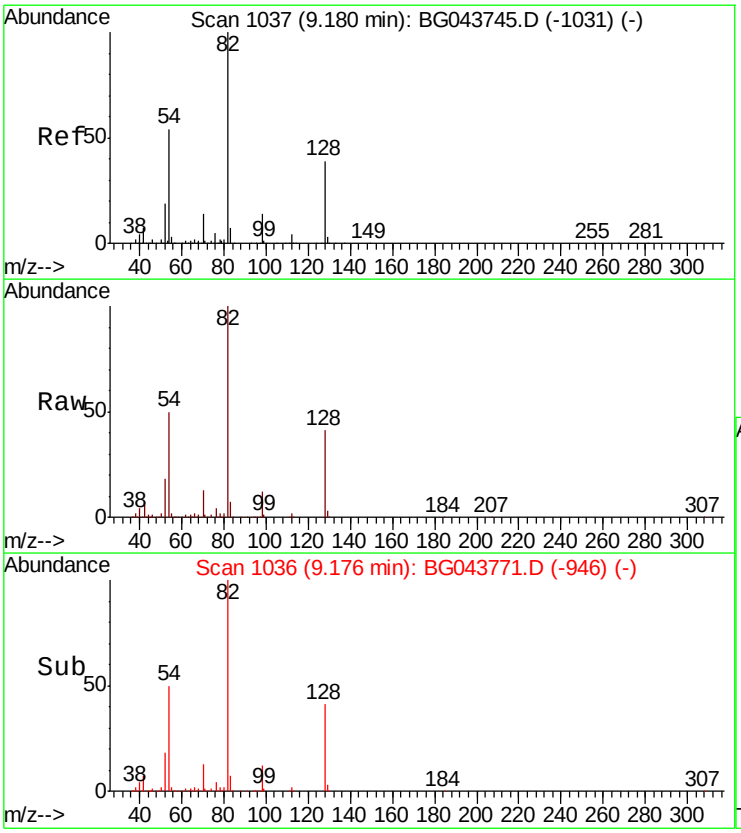
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BG043771.D
Acq: 25 Nov 2019 16:17

Instrument :
BNA_G
ClientSampleId :
HD-01-112119

Tgt Ion:136 Resp: 357885

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.8	13.2
54	8.5	7.5	11.3
68	6.2	4.9	7.3

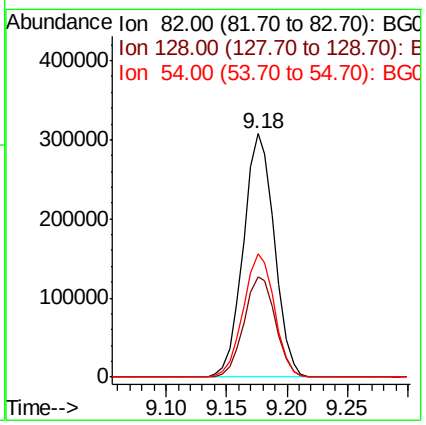


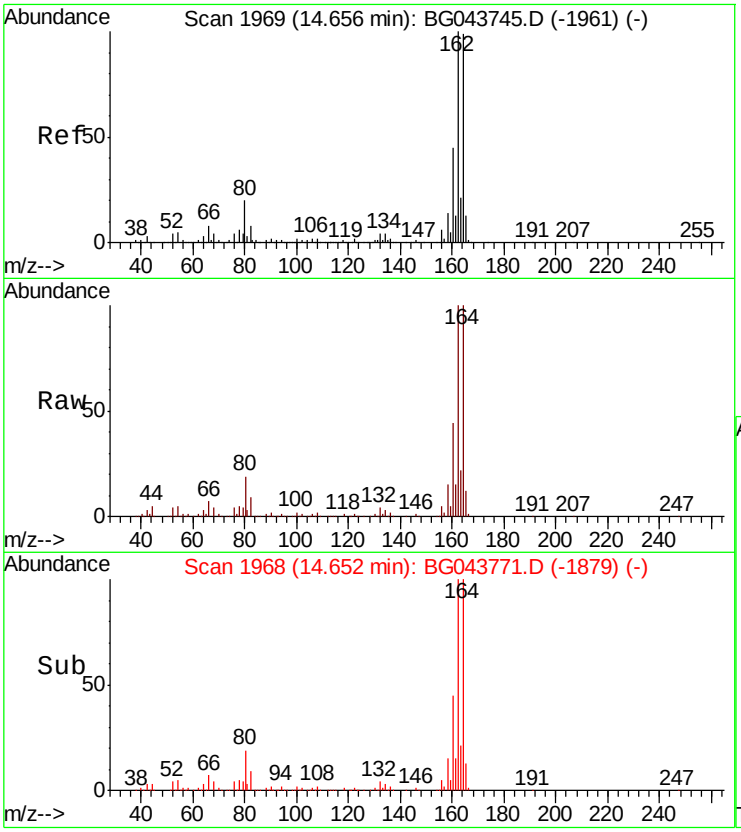


#23
Nitrobenzene-d5
Concen: 84.785 ng
RT: 9.18 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BG043771.D
Acq: 25 Nov 2019 16:17

Tgt Ion: 82 Resp: 551873

Ion	Ratio	Lower	Upper
82	100		
128	41.1	31.3	46.9
54	50.5	42.7	64.1



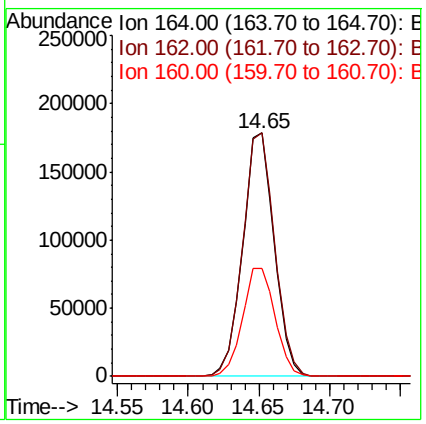


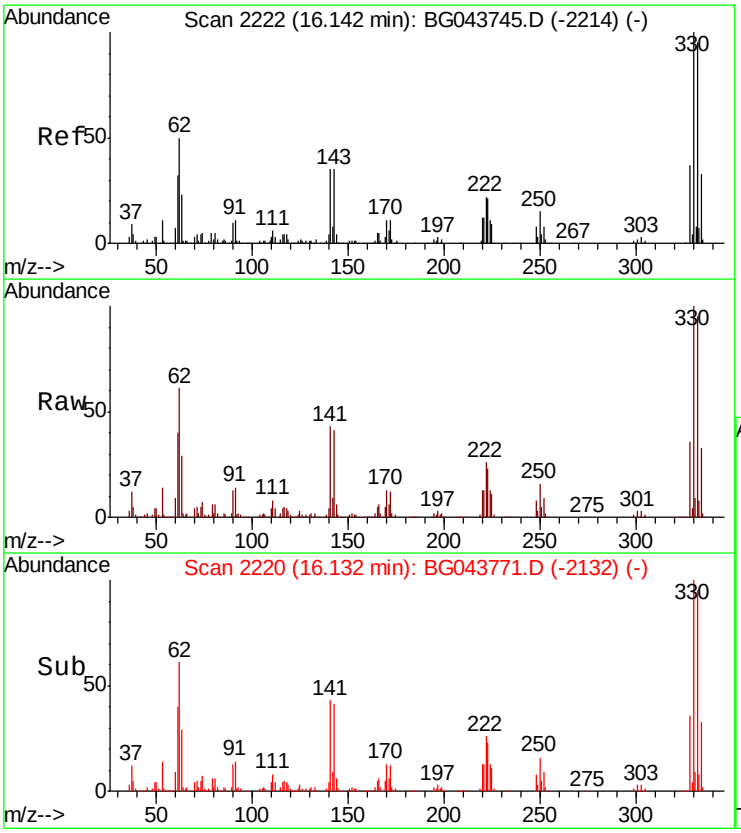
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.00 min
Lab File: BG043771.D
Acq: 25 Nov 2019 16:17

Instrument :
BNA_G
ClientSampleId :
HD-01-112119

Tgt Ion:164 Resp: 278805

Ion	Ratio	Lower	Upper
164	100		
162	99.8	80.6	121.0
160	44.5	36.3	54.5

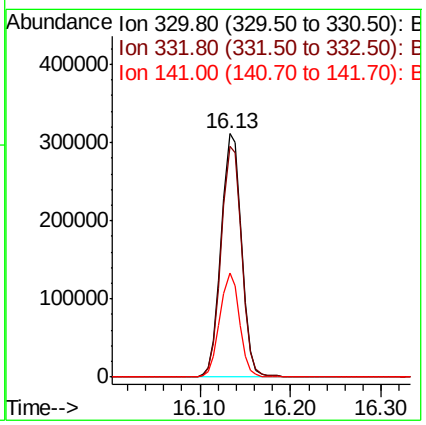


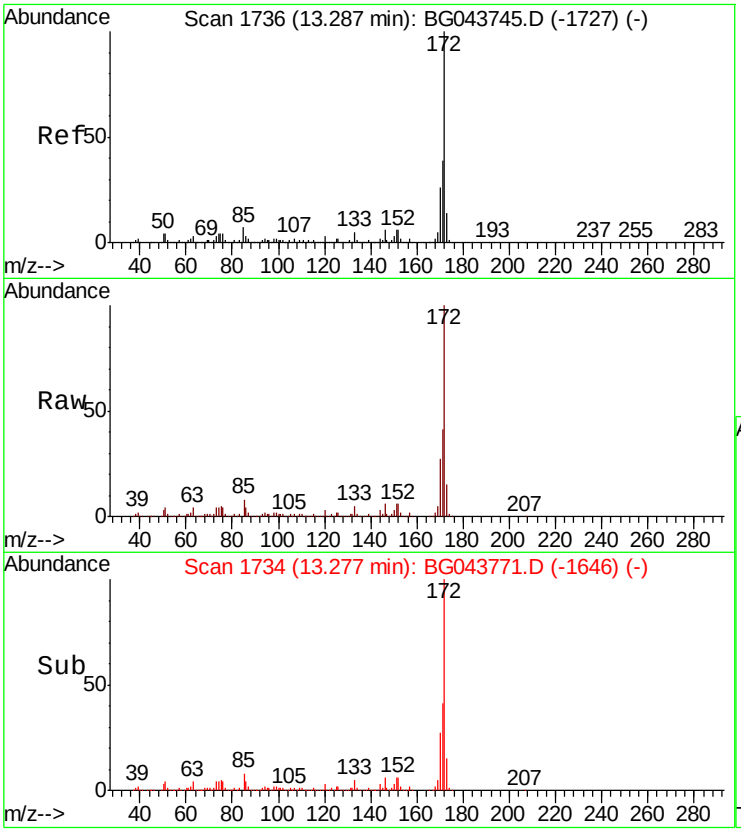


#42
2,4,6-Tribromophenol
Concen: 144.971 ng
RT: 16.13 min Scan# 2220
Delta R.T. -0.01 min
Lab File: BG043771.D
Acq: 25 Nov 2019 16:17

Tgt Ion:330 Resp: 487510

Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.3	115.9
141	41.1	31.4	47.2



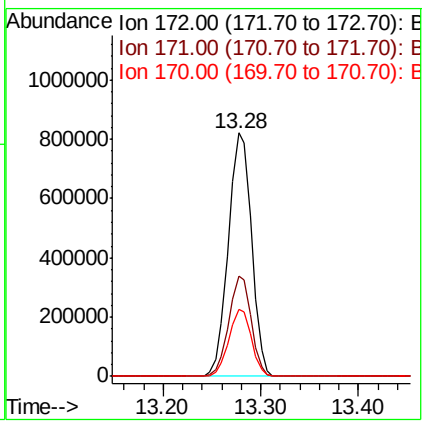


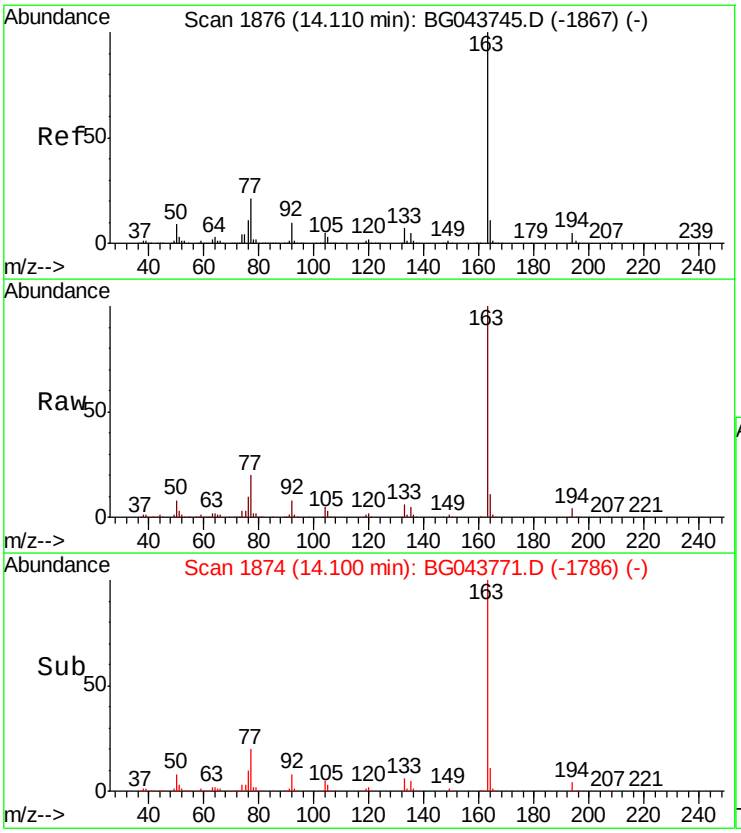
#45
2-Fluorobiphenyl
Concen: 79.860 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.01 min
Lab File: BG043771.D
Acq: 25 Nov 2019 16:17

Instrument :
BNA_G
ClientSampleId :
HD-01-112119

Tgt Ion:172 Resp: 1354510

Ion	Ratio	Lower	Upper
172	100		
171	41.0	31.0	46.6
170	27.3	21.0	31.4

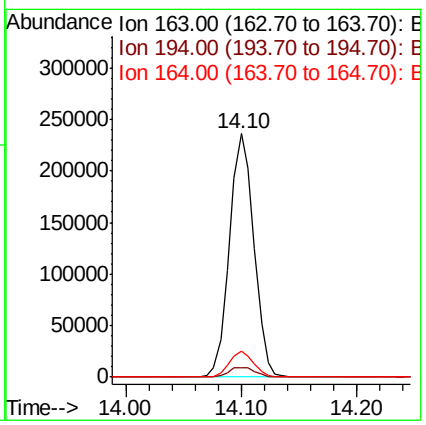


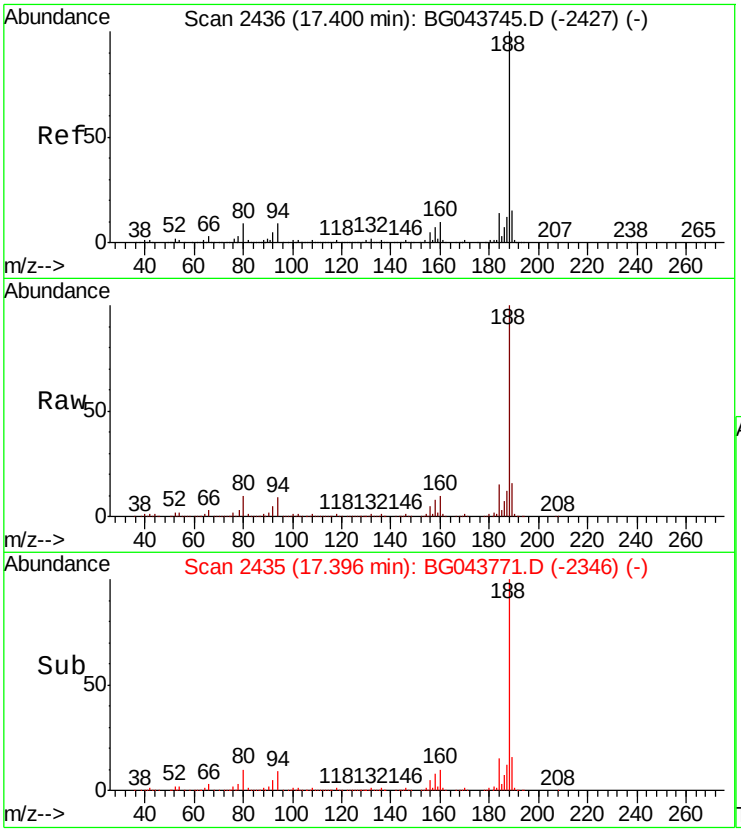


#50
Dimethylphthalate
Concen: 15.623 ng
RT: 14.10 min Scan# 1874
Delta R.T. -0.01 min
Lab File: BG043771.D
Acq: 25 Nov 2019 16:17

Tgt Ion:163 Resp: 345046

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.7	5.5
164	10.7	8.7	13.1



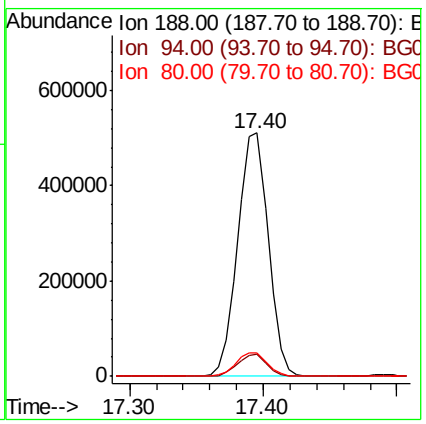


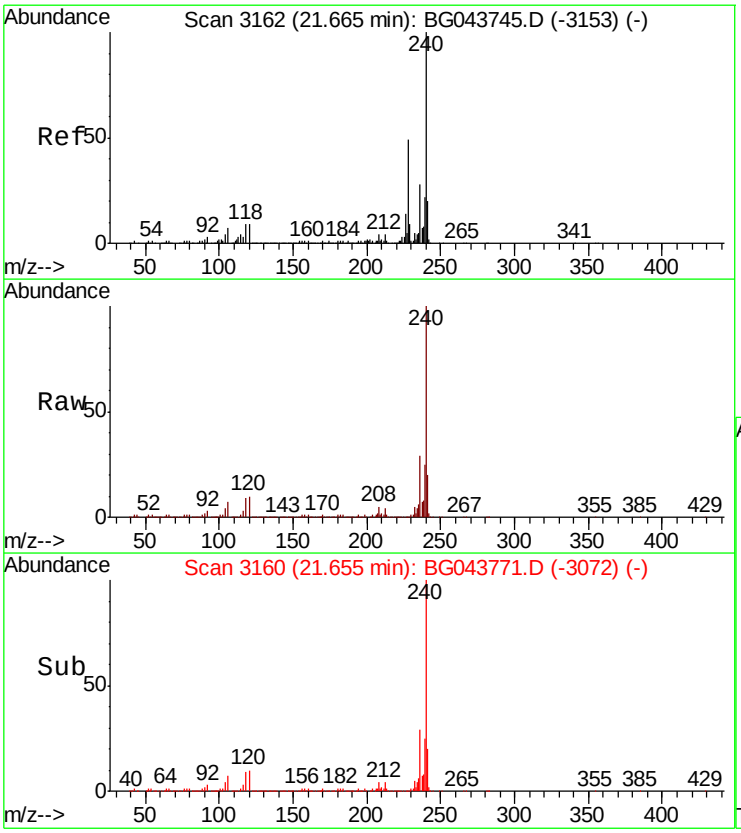
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2435
Delta R.T. -0.00 min
Lab File: BG043771.D
Acq: 25 Nov 2019 16:17

Instrument :
BNA_G
ClientSampleId :
HD-01-112119

Tgt Ion:188 Resp: 807474

Ion	Ratio	Lower	Upper
188	100		
94	8.9	6.9	10.3
80	9.7	7.5	11.3

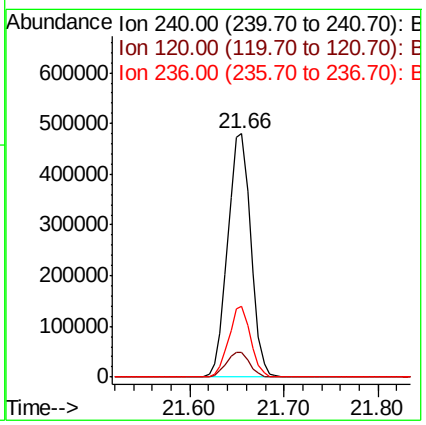


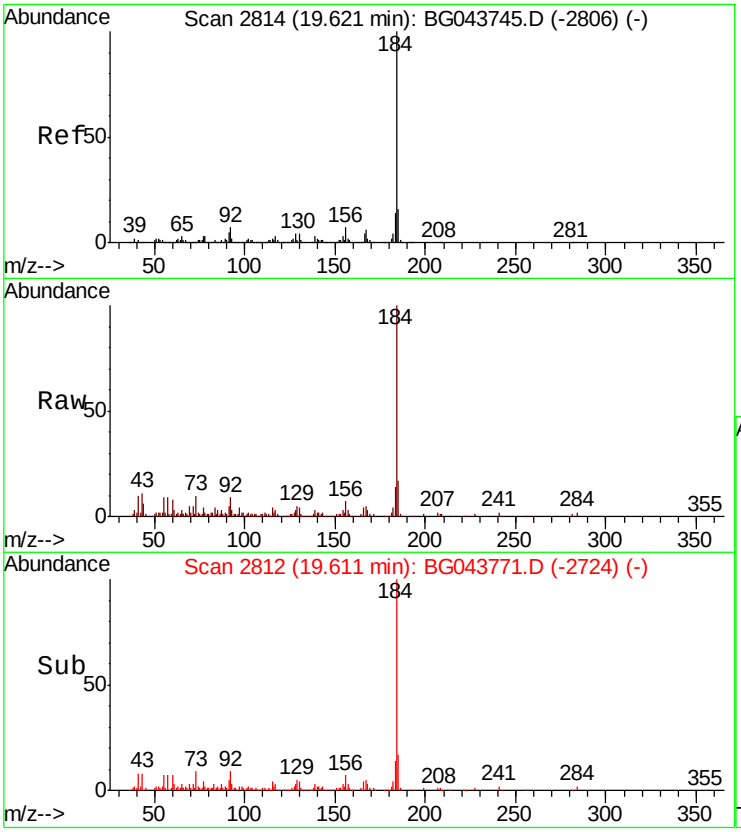


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3160
Delta R.T. -0.01 min
Lab File: BG043771.D
Acq: 25 Nov 2019 16:17

Tgt Ion:240 Resp: 817972

Ion	Ratio	Lower	Upper
240	100		
120	10.0	7.5	11.3
236	28.9	22.6	34.0



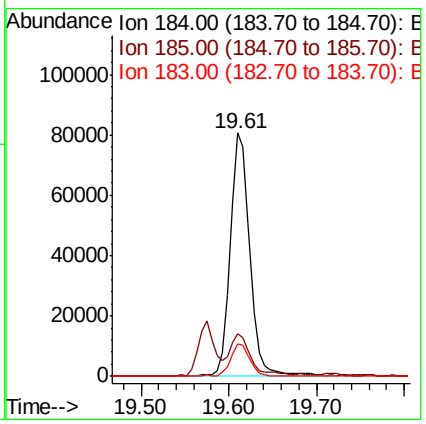


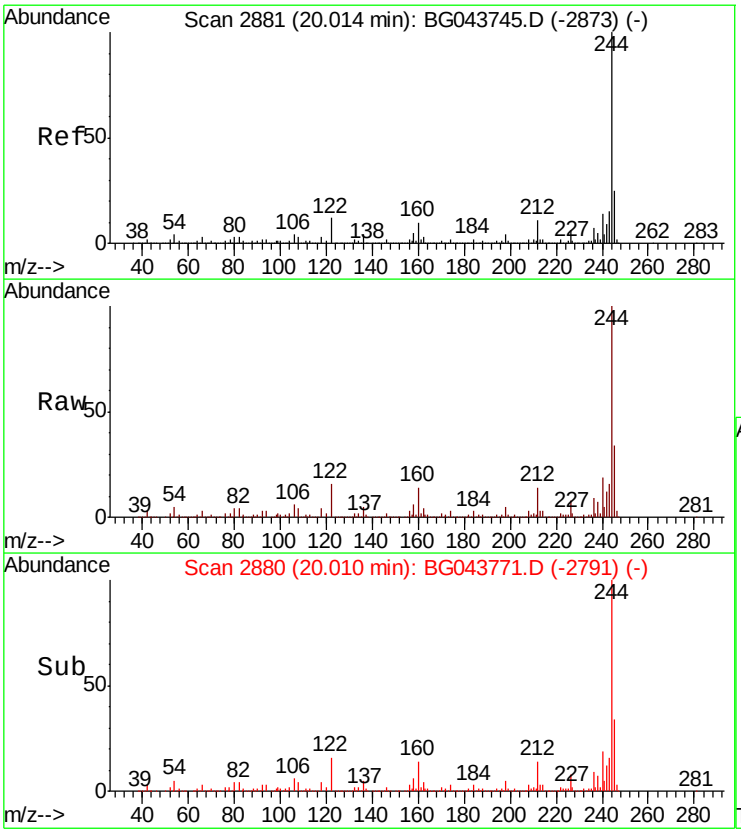
#77
Benzidine
Concen: 5.056 ng
RT: 19.61 min Scan# 2812
Delta R.T. -0.01 min
Lab File: BG043771.D
Acq: 25 Nov 2019 16:17

Instrument :
BNA_G
ClientSampleId :
HD-01-112119

Tgt Ion:184 Resp: 120810

Ion	Ratio	Lower	Upper
184	100		
185	17.4	12.8	19.2
183	13.5	11.3	16.9

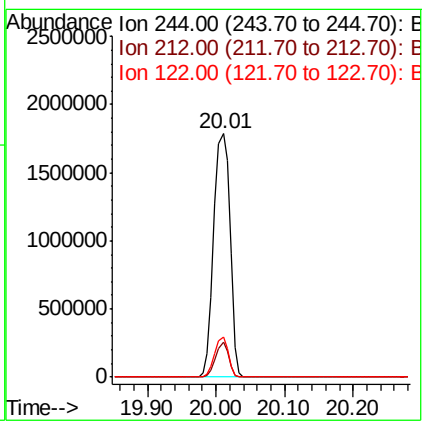


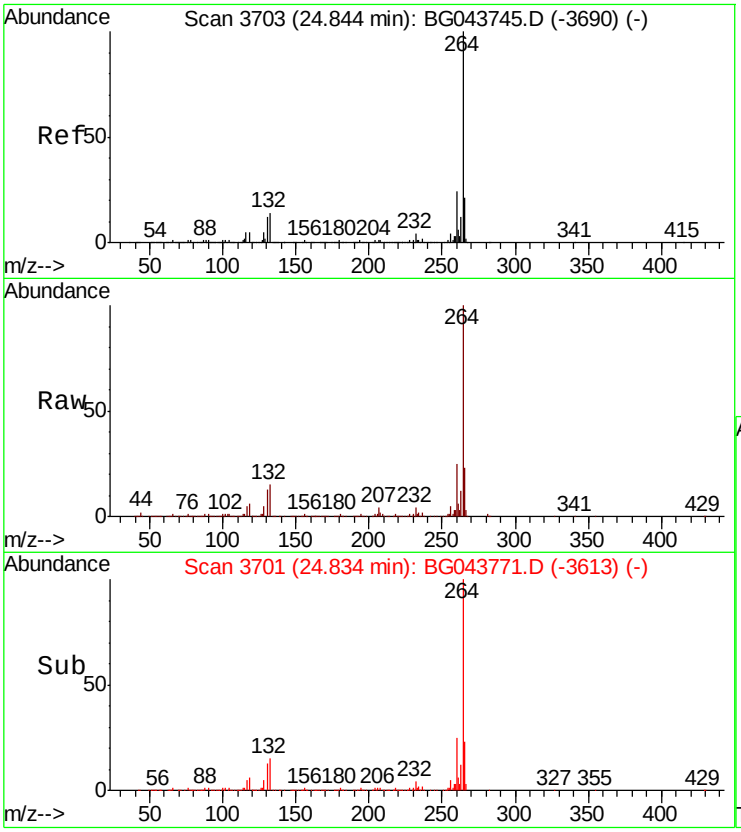


#79
Terphenyl-d14
Concen: 81.445 ng
RT: 20.01 min Scan# 2880
Delta R.T. -0.00 min
Lab File: BG043771.D
Acq: 25 Nov 2019 16:17

Tgt Ion:244 Resp: 2948261

Ion	Ratio	Lower	Upper
244	100		
212	14.1	8.5	12.7#
122	16.4	9.5	14.3#





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.83 min Scan# 3701
Delta R.T. -0.01 min
Lab File: BG043771.D
Acq: 25 Nov 2019 16:17

Instrument :
BNA_G
ClientSampleId :
HD-01-112119

Tgt Ion:264 Resp: 752630

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.4	29.2
265	22.6	17.0	25.6