Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112519\
Data File : BG043772.D
Acq On : 25 Nov 2019 16:56
Operator : JU
Sample : K5670-12
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OK-01-112119

Quant Time: Nov 26 00:47:18 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	8.03	152	65640	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	315250	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	259848	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	775716	20.00	ng	0.00
76) Chrysene-d12	21.65	240	827648	20.00	ng	-0.01
87) Perylene-d12	24.83	264	758587	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	596761	163.44	ng	0.00
7) Phenol-d6	7.18	99	879798	165.76	ng	0.00
23) Nitrobenzene-d5	9.18	82	501091	87.39	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	467361	149.12	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1263471	79.93	ng	-0.01
79) Terphenyl-d14	20.01	244	2889445	78.89	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.21	94	21733	3.989	ng	96
50) Dimethylphthalate	14.10	163	298359	14.495	ng	99
77) Benzidine	19.61	184	79087	3.271	ng	98

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

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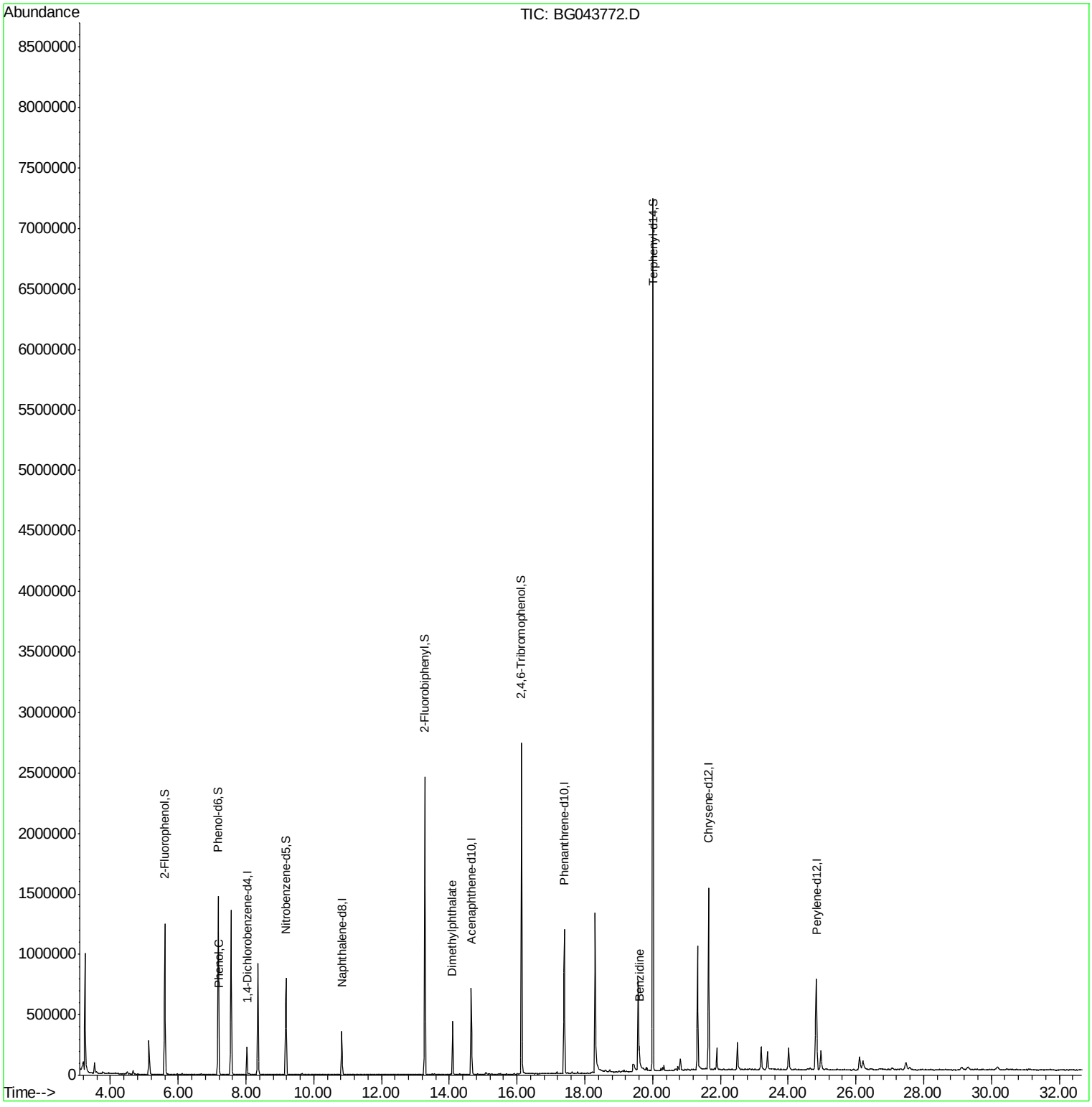
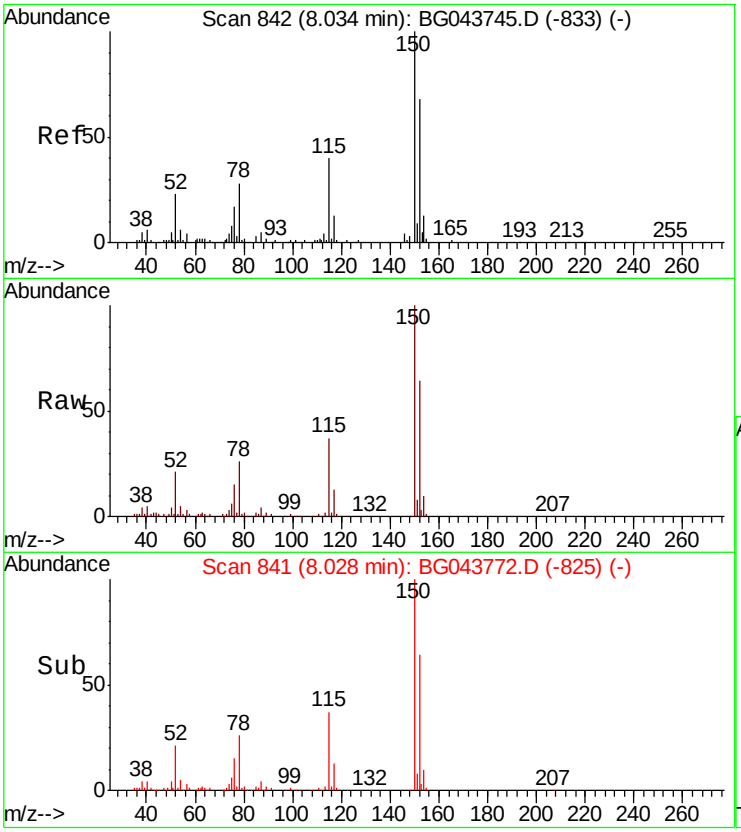


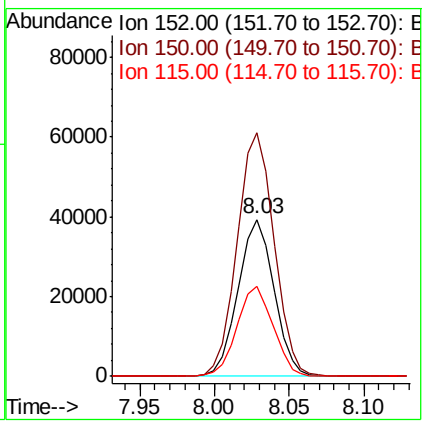


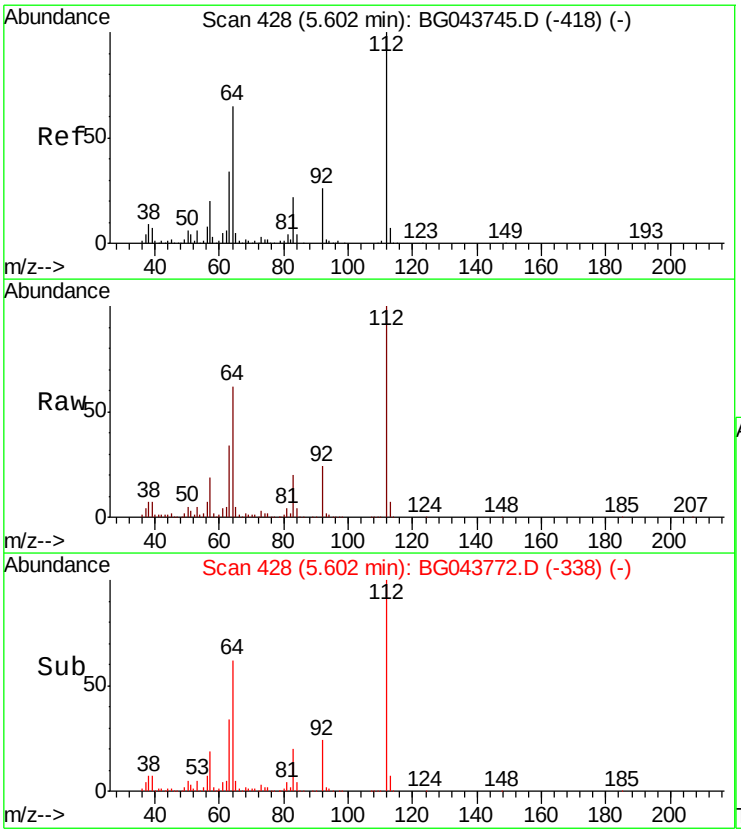
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.01 min
Lab File: BG043772.D
Acq: 25 Nov 2019 16:56

Instrument :
BNA_G
ClientSampleId :
OK-01-112119

Tgt Ion:152 Resp: 65640

Ion	Ratio	Lower	Upper
152	100		
150	155.3	117.8	176.8
115	57.5	47.0	70.4

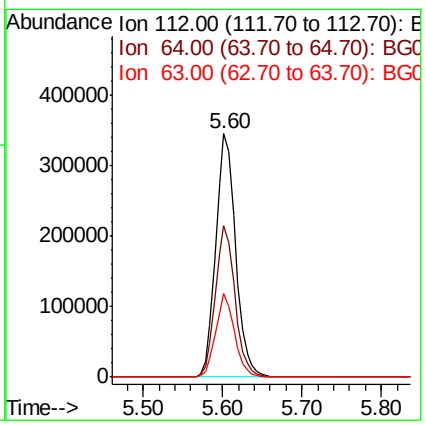


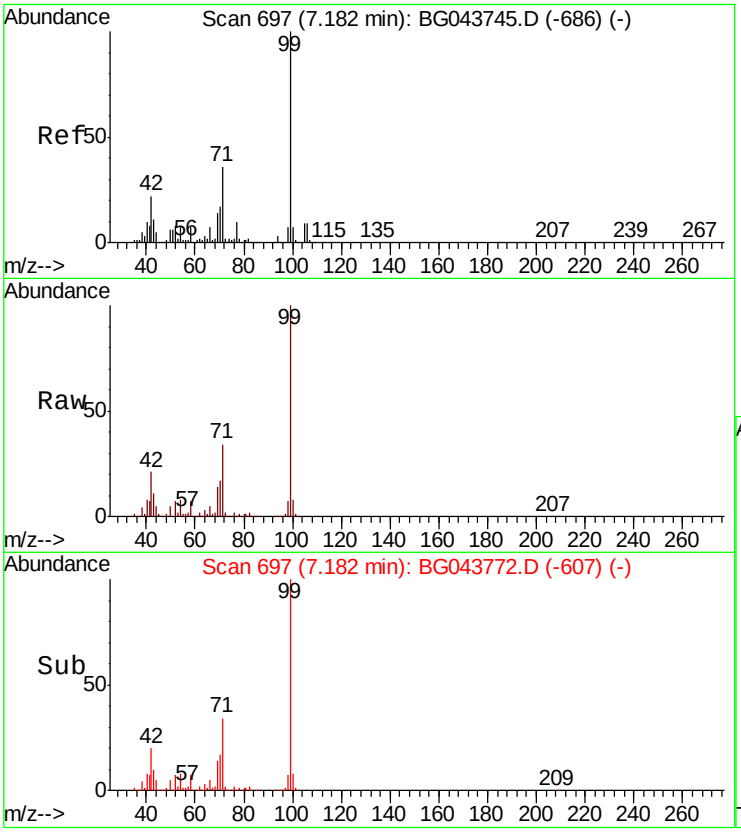


#5
2-Fluorophenol
Concen: 163.444 ng
RT: 5.60 min Scan# 428
Delta R.T. 0.00 min
Lab File: BG043772.D
Acq: 25 Nov 2019 16:56

Tgt Ion:112 Resp: 596761

Ion	Ratio	Lower	Upper
112	100		
64	62.0	51.7	77.5
63	34.3	26.8	40.2



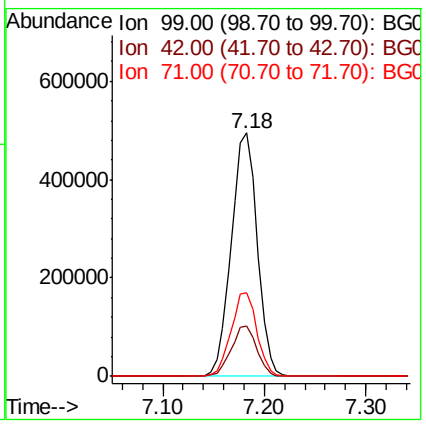


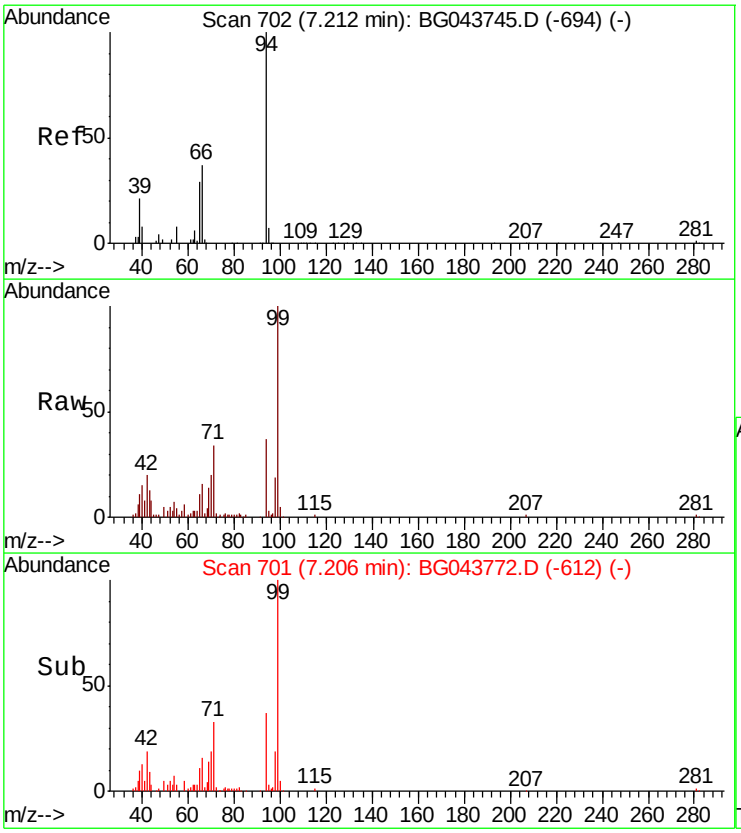
#7
Phenol-d6
Concen: 165.762 ng
RT: 7.18 min Scan# 697
Delta R.T. 0.00 min
Lab File: BG043772.D
Acq: 25 Nov 2019 16:56

Instrument :
BNA_G
ClientSampleId :
OK-01-112119

Tgt Ion: 99 Resp: 879798

Ion	Ratio	Lower	Upper
99	100		
42	20.5	17.4	26.0
71	34.3	29.5	44.3

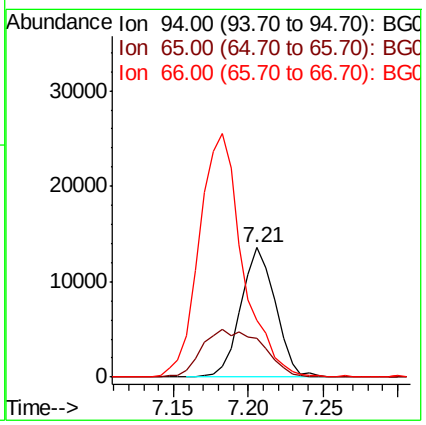


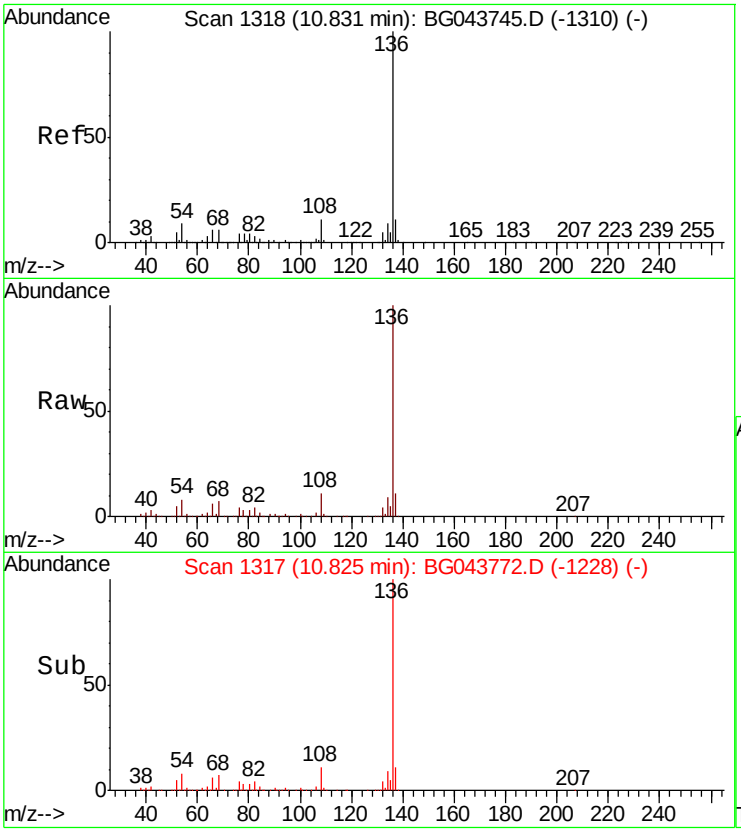


#10
Phenol
Concen: 3.989 ng
RT: 7.21 min Scan# 701
Delta R.T. -0.01 min
Lab File: BG043772.D
Acq: 25 Nov 2019 16:56

Tgt Ion: 94 Resp: 21733

Ion	Ratio	Lower	Upper
94	100		
65	29.5	10.3	50.3
66	43.9	20.5	60.5



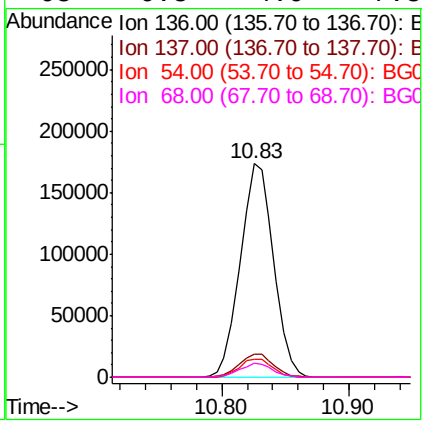


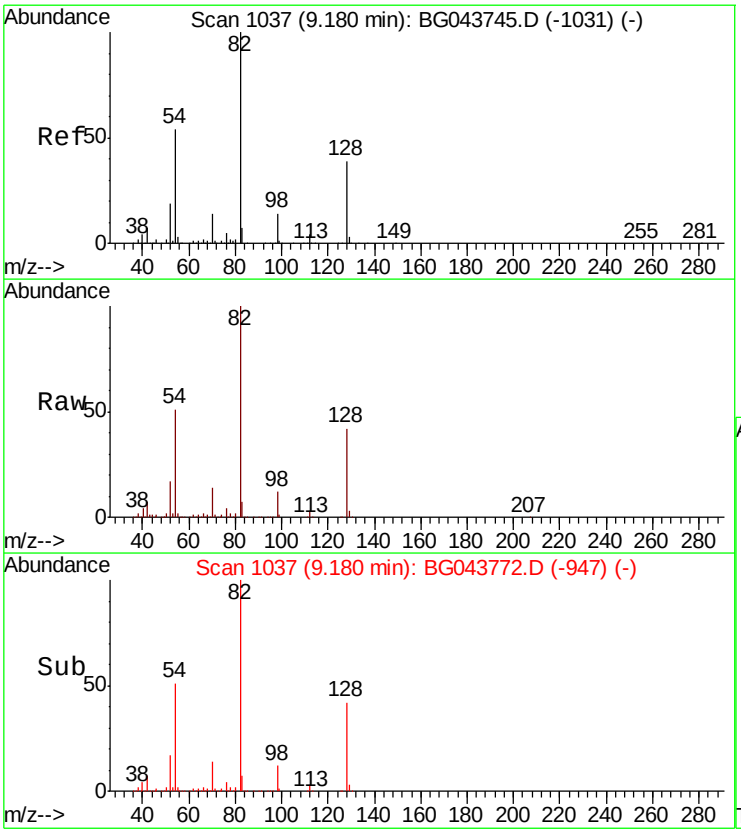
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BG043772.D
Acq: 25 Nov 2019 16:56

Instrument :
BNA_G
ClientSampleId :
OK-01-112119

Tgt Ion:136 Resp: 315250

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	8.2	7.5	11.3
68	6.8	4.9	7.3

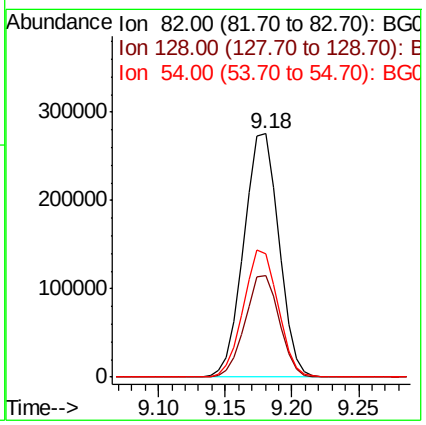


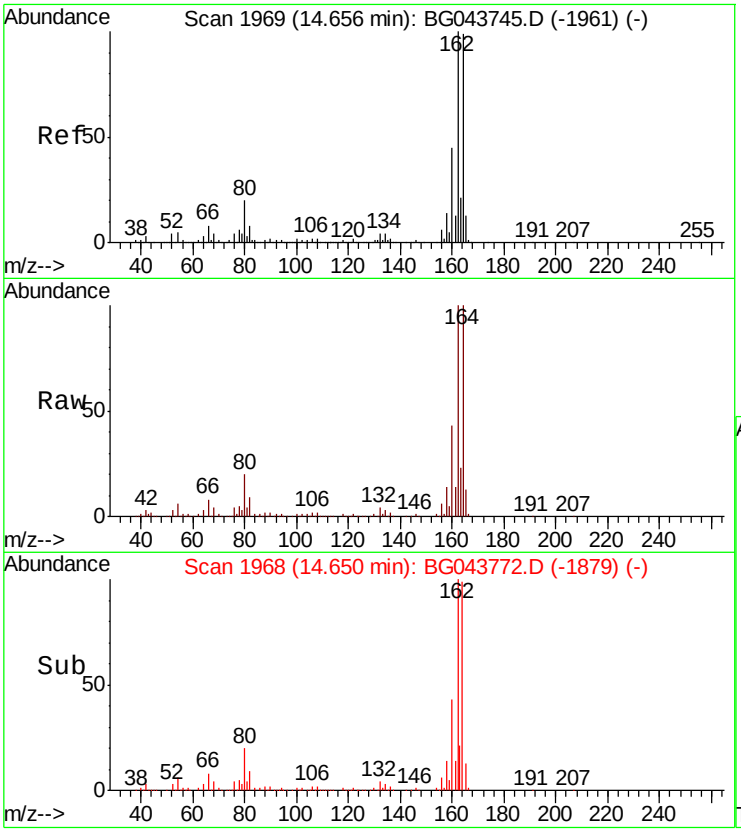


#23
Nitrobenzene-d5
Concen: 87.395 ng
RT: 9.18 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BG043772.D
Acq: 25 Nov 2019 16:56

Tgt Ion: 82 Resp: 501091

Ion	Ratio	Lower	Upper
82	100		
128	41.7	31.3	46.9
54	50.8	42.7	64.1



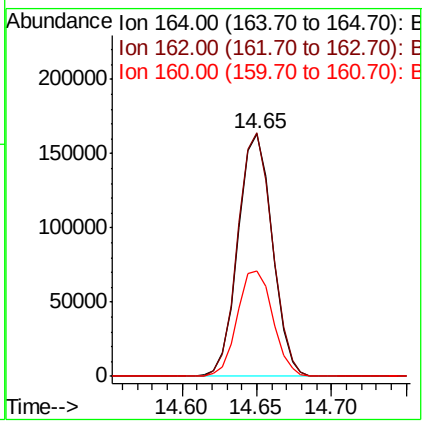


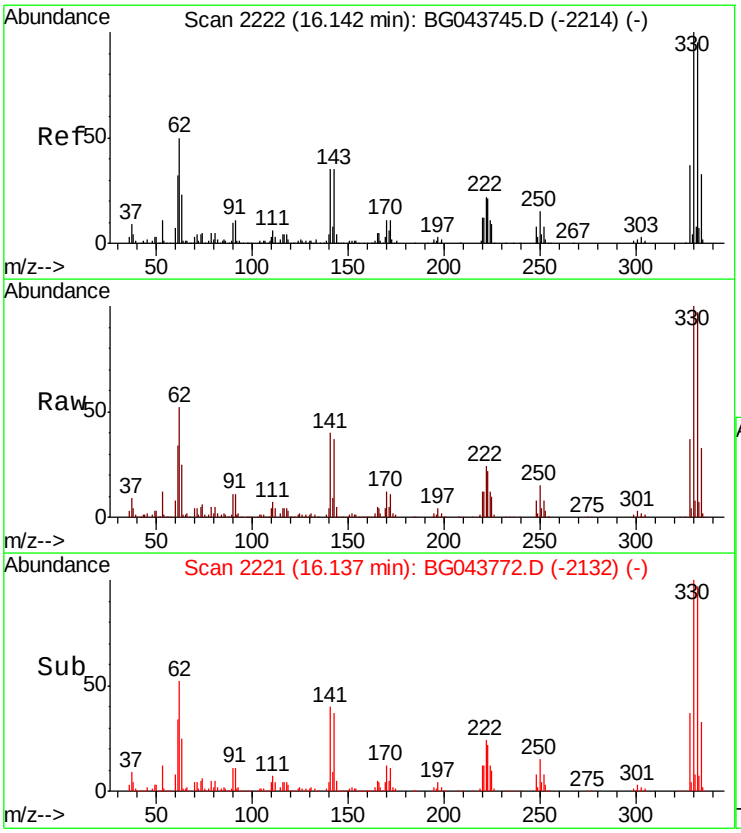
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.01 min
Lab File: BG043772.D
Acq: 25 Nov 2019 16:56

Instrument :
BNA_G
ClientSampleId :
OK-01-112119

Tgt Ion:164 Resp: 259848

Ion	Ratio	Lower	Upper
164	100		
162	100.4	80.6	121.0
160	43.7	36.3	54.5

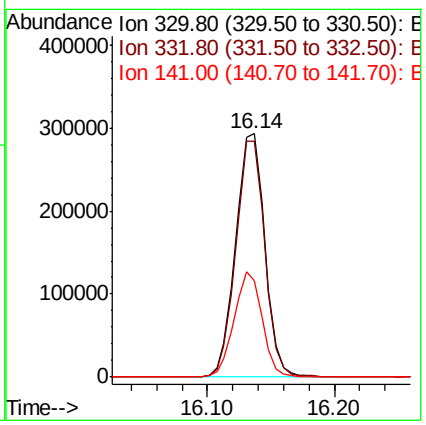


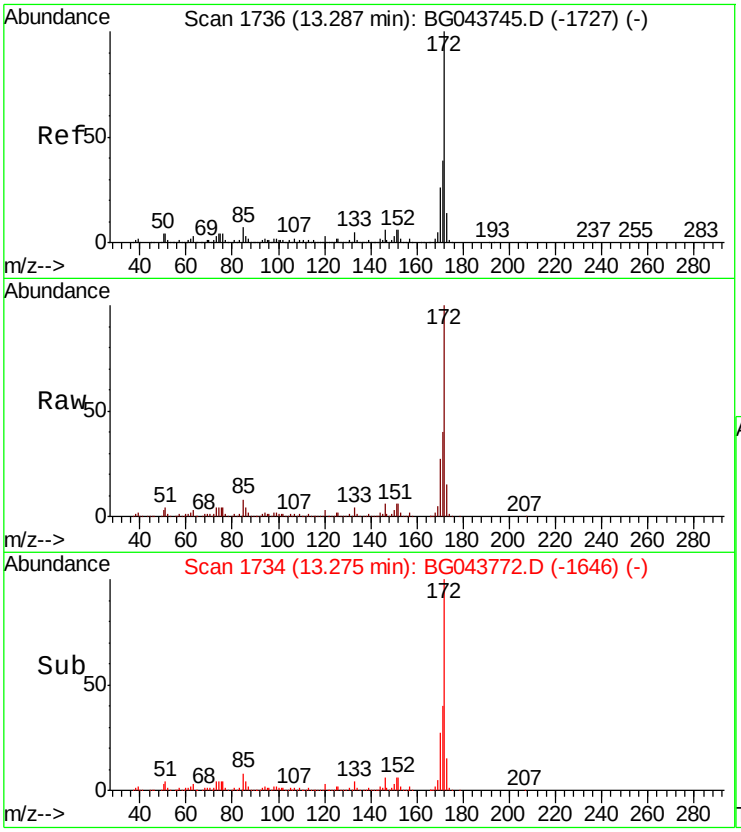


#42
2,4,6-Tribromophenol
Concen: 149.118 ng
RT: 16.14 min Scan# 2221
Delta R.T. -0.01 min
Lab File: BG043772.D
Acq: 25 Nov 2019 16:56

Tgt Ion:330 Resp: 467361

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.3	115.9
141	41.7	31.4	47.2



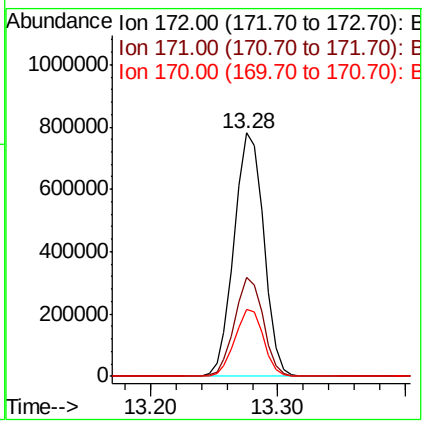


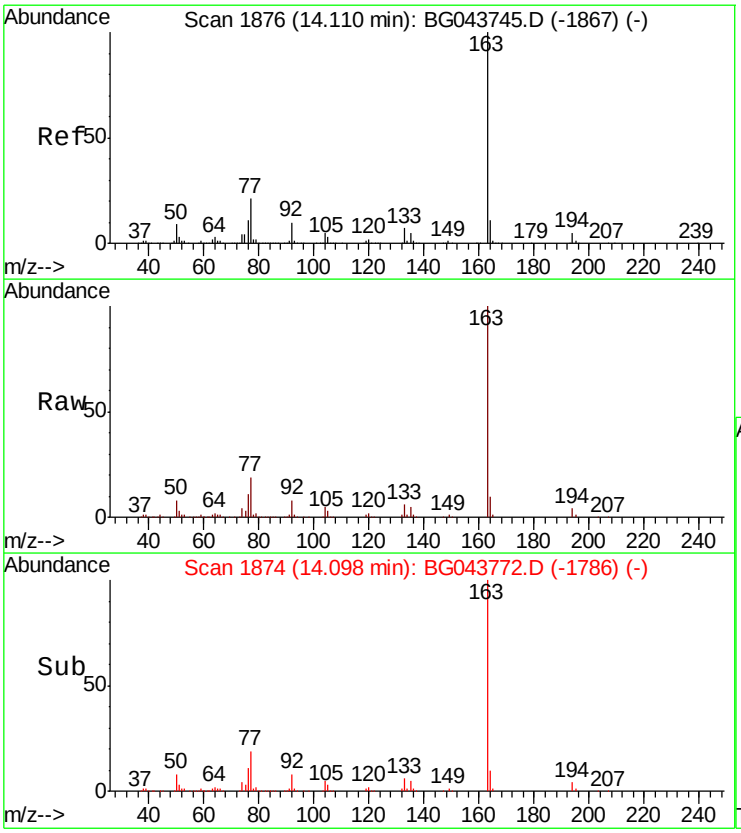
#45
2-Fluorobiphenyl
Concen: 79.927 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.01 min
Lab File: BG043772.D
Acq: 25 Nov 2019 16:56

Instrument :
BNA_G
ClientSampleId :
OK-01-112119

Tgt Ion:172 Resp: 1263471

Ion	Ratio	Lower	Upper
172	100		
171	40.4	31.0	46.6
170	27.4	21.0	31.4

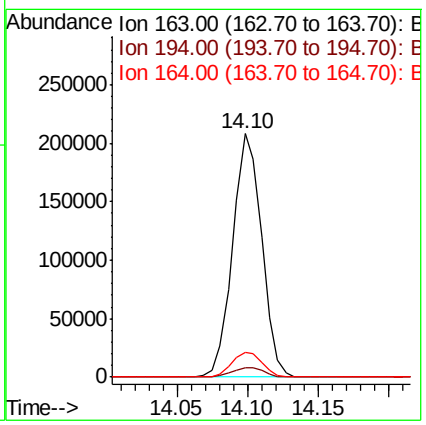


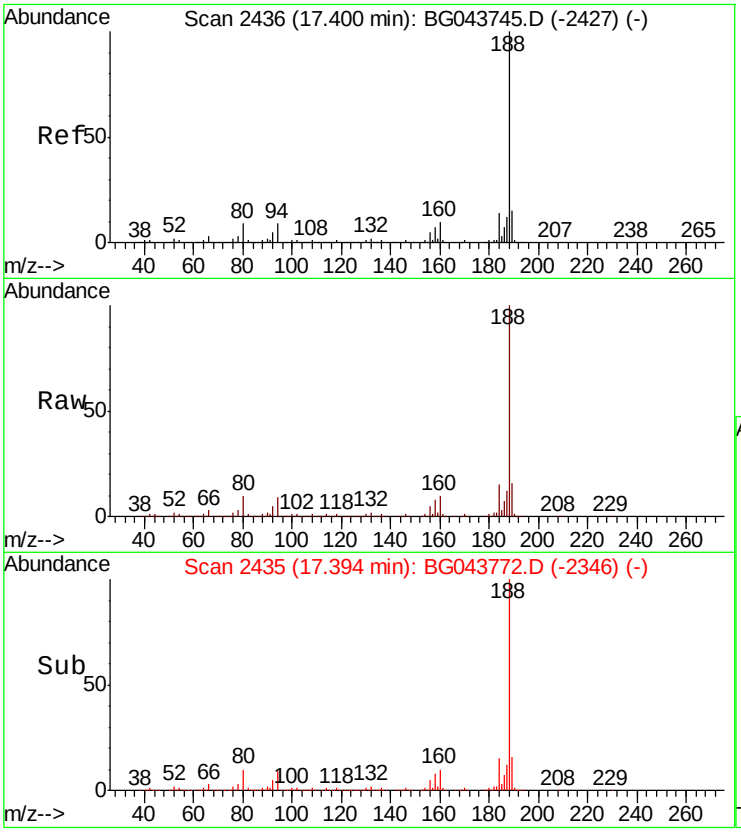


#50
Dimethylphthalate
Concen: 14.495 ng
RT: 14.10 min Scan# 1874
Delta R.T. -0.01 min
Lab File: BG043772.D
Acq: 25 Nov 2019 16:56

Tgt Ion:163 Resp: 298359

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.7	5.5
164	10.4	8.7	13.1



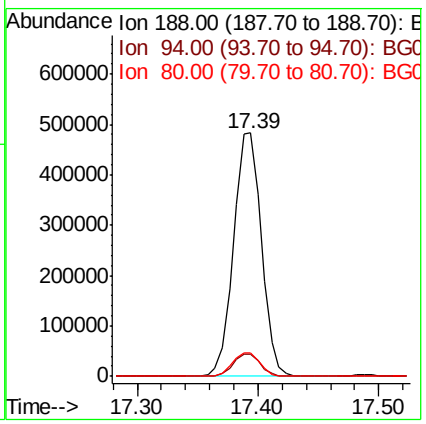


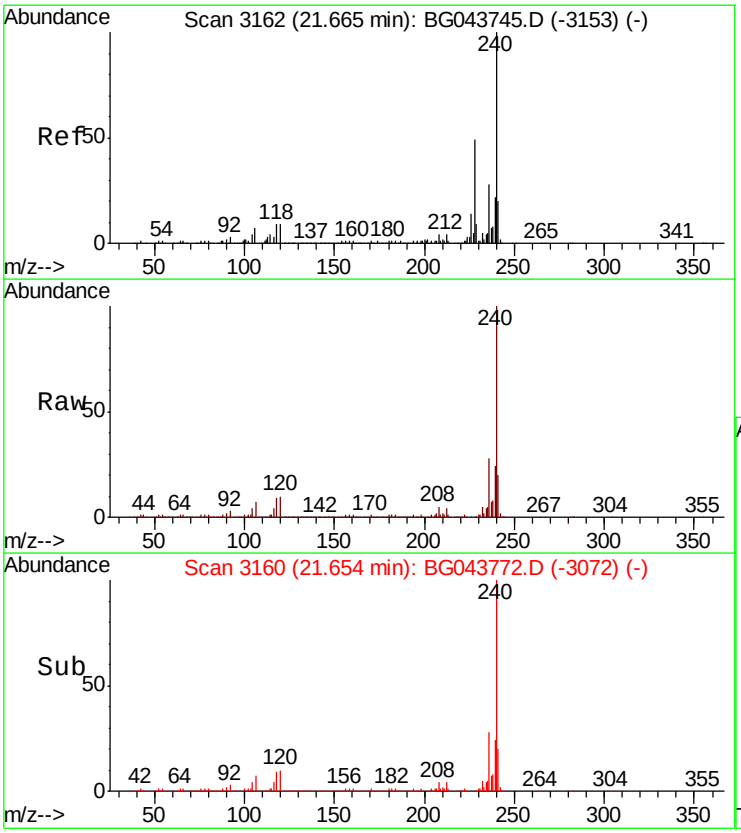
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BG043772.D
Acq: 25 Nov 2019 16:56

Instrument :
BNA_G
ClientSampleId :
OK-01-112119

Tgt Ion:188 Resp: 775716

Ion	Ratio	Lower	Upper
188	100		
94	9.0	6.9	10.3
80	9.8	7.5	11.3

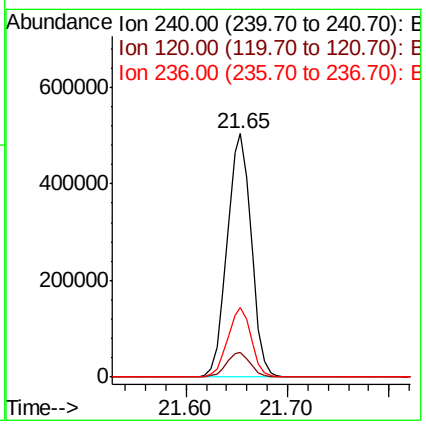


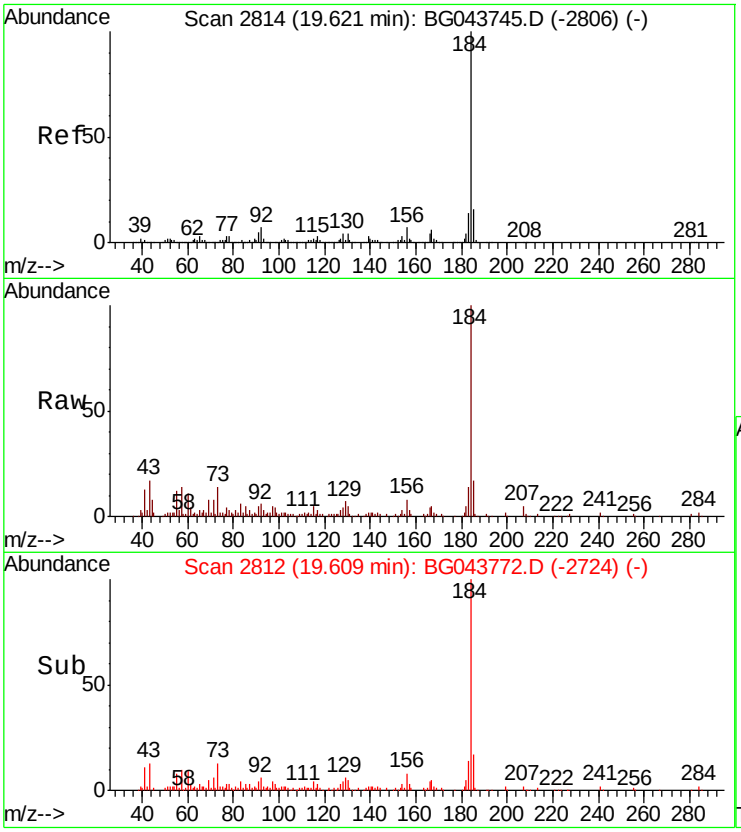


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.65 min Scan# 3160
Delta R.T. -0.01 min
Lab File: BG043772.D
Acq: 25 Nov 2019 16:56

Tgt Ion:240 Resp: 827648

Ion	Ratio	Lower	Upper
240	100		
120	10.2	7.5	11.3
236	28.3	22.6	34.0



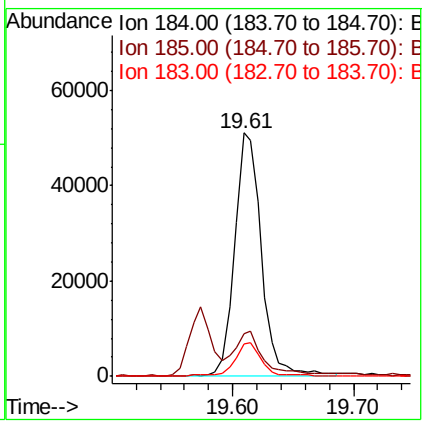


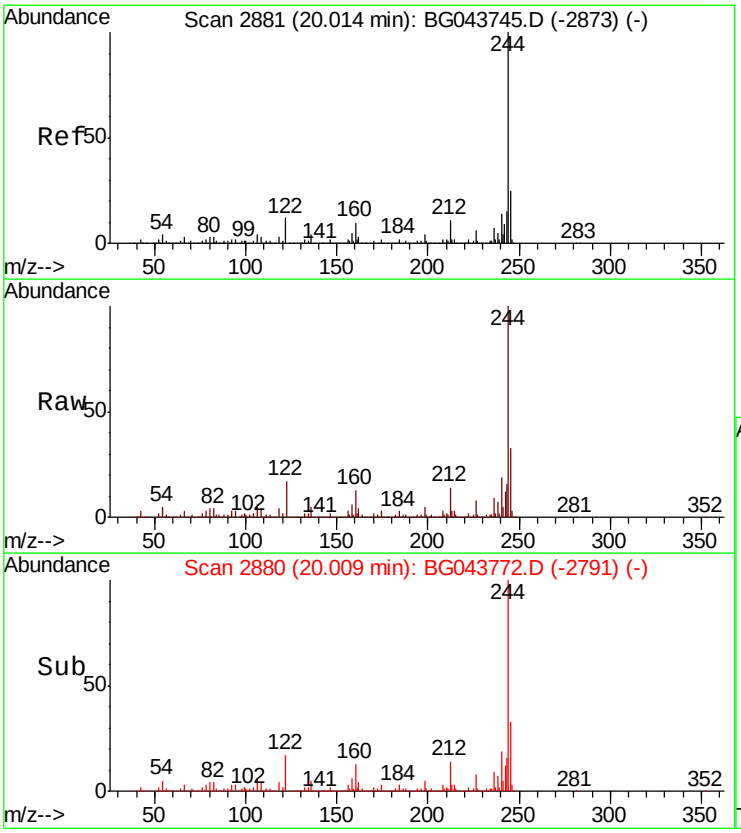
#77
Benzidine
Concen: 3.271 ng
RT: 19.61 min Scan# 2812
Delta R.T. -0.01 min
Lab File: BG043772.D
Acq: 25 Nov 2019 16:56

Instrument :
BNA_G
ClientSampleId :
OK-01-112119

Tgt Ion:184 Resp: 79087

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

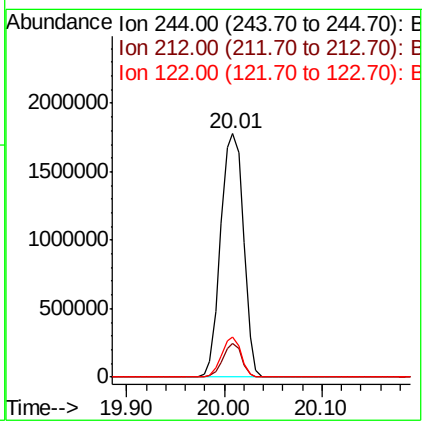


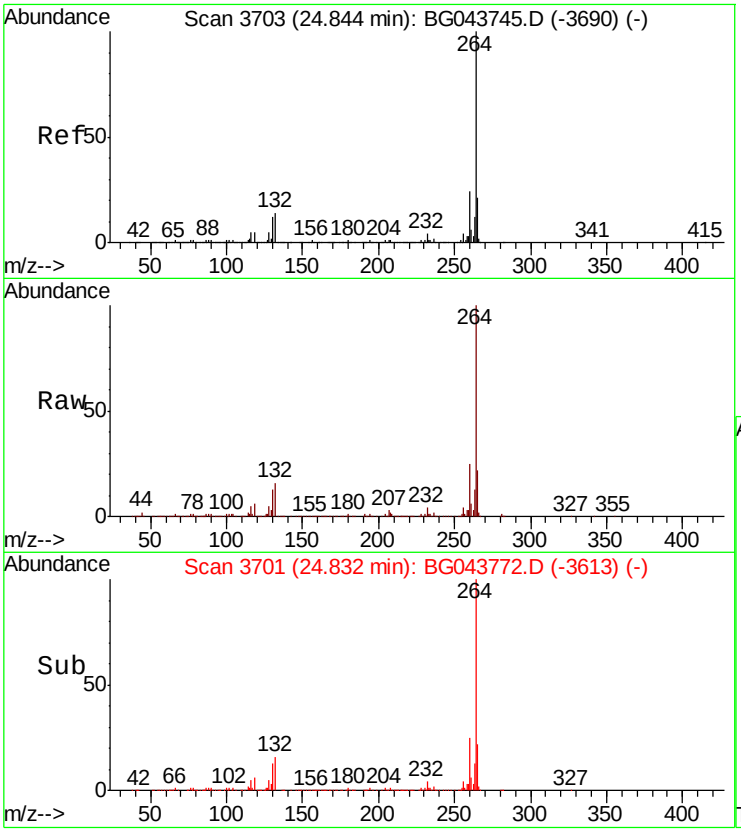


#79
Terphenyl-d14
Concen: 78.887 ng
RT: 20.01 min Scan# 2880
Delta R.T. -0.01 min
Lab File: BG043772.D
Acq: 25 Nov 2019 16:56

Tgt Ion:244 Resp: 2889445

Ion	Ratio	Lower	Upper
244	100		
212	14.0	8.5	12.7#
122	16.7	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: BG043772.D
Acq: 25 Nov 2019 16:56

Instrument :
BNA_G
ClientSampleId :
OK-01-112119

Tgt Ion:264 Resp: 758587

Ion	Ratio	Lower	Upper
264	100		
260	25.4	19.4	29.2
265	21.8	17.0	25.6