Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110819\
Data File : BG043578.D
Acq On : 8 Nov 2019 20:37
Operator : JU
Sample : K5742-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-22-(14-15)

Quant Time: Nov 11 00:33:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 04 15:22:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	31735	20.00	ng		0.00
21) Naphthalene-d8	10.81	136	118090	20.00	ng		0.00
39) Acenaphthene-d10	14.63	164	85696	20.00	ng		0.00
64) Phenanthrene-d10	17.38	188	206459	20.00	ng		-0.01
76) Chrysene-d12	21.65	240	208828	20.00	ng		0.00
87) Perylene-d12	24.84	264	239987	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	155913	90.03	ng		0.01
7) Phenol-d6	7.21	99	221710	88.98	ng		0.01
23) Nitrobenzene-d5	9.17	82	137690	60.11	ng		0.00
42) 2,4,6-Tribromophenol	16.13	330	139090	85.29	ng		0.00
45) 2-Fluorobiphenyl	13.26	172	362873	58.51	ng		0.00
79) Terphenyl-d14	19.99	244	715879	64.31	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	7.15	77	7578	6.188	ng	#	1
10) Phenol	7.23	94	8085	3.551	ng	#	38
18) Hexachloroethane	9.11	117	22121	25.300	ng	#	1
22) Acetophenone	8.80	105	37407	12.369	ng	#	56
31) Naphthalene	10.86	128	149411	24.926	ng		98
37) 2-Methylnaphthalene	12.47	142	212540	46.212	ng		99
38) 1-Methylnaphthalene	12.68	142	103252	23.595	ng		99
50) Dimethylphthalate	14.09	163	40042	6.032	ng	#	95
67) 4-Bromophenyl-phenylether	16.13	248	8630	3.106	ng	#	1
77) Benzidine	19.99	184	9473	2.254	ng	#	92

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

Quantitation Report (Not Reviewed)

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SB-22-(14-15)

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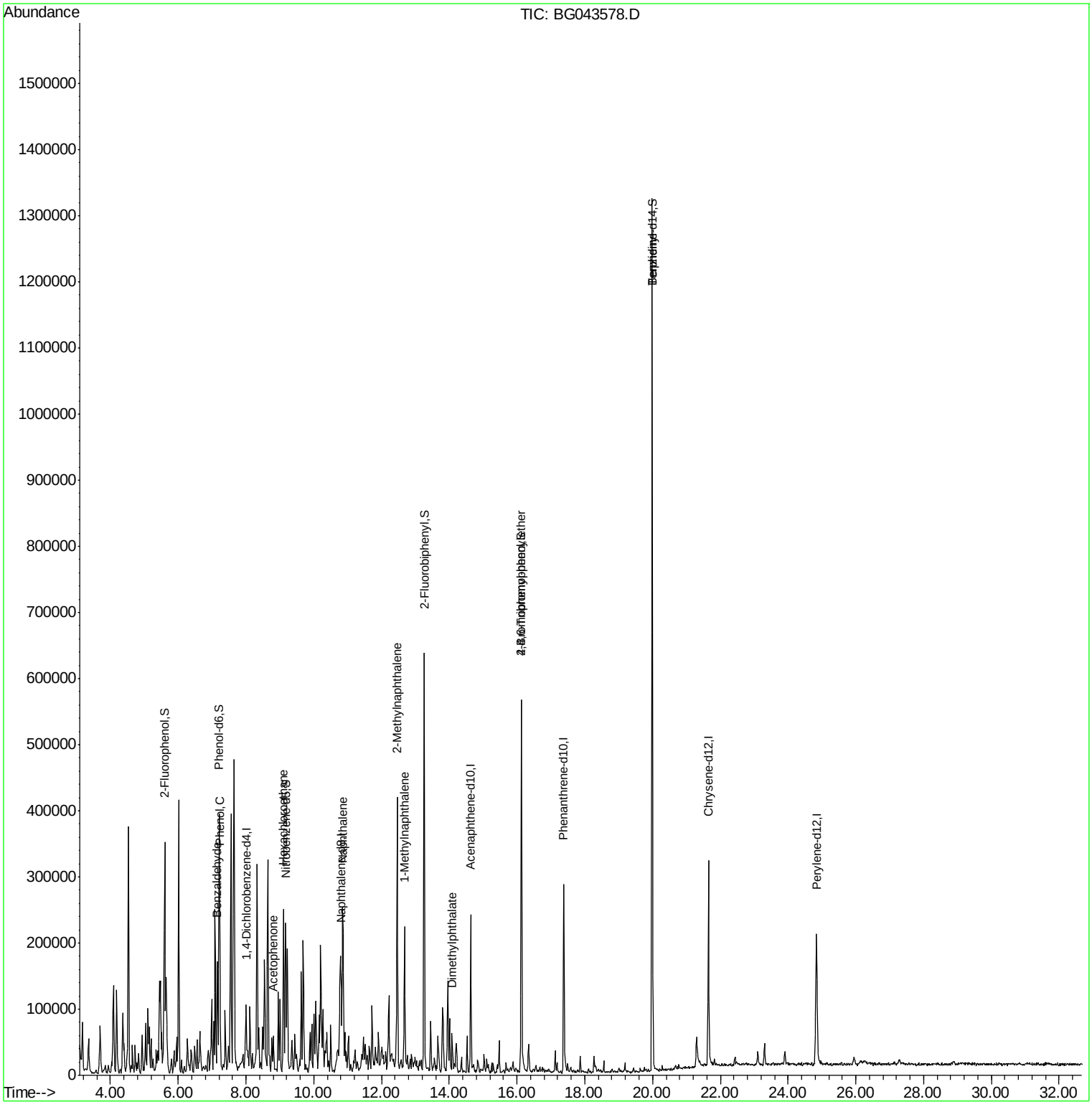
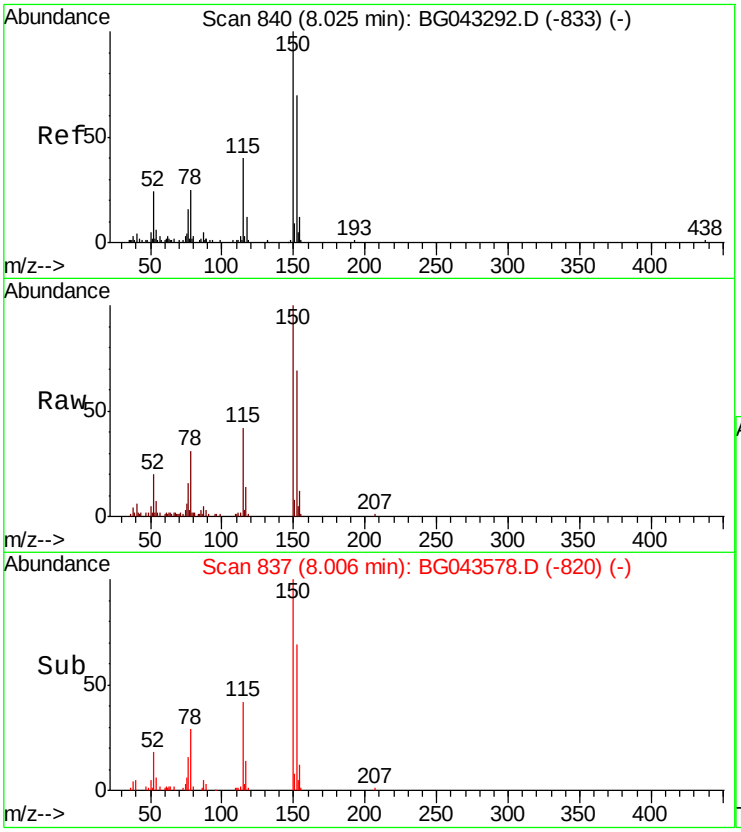


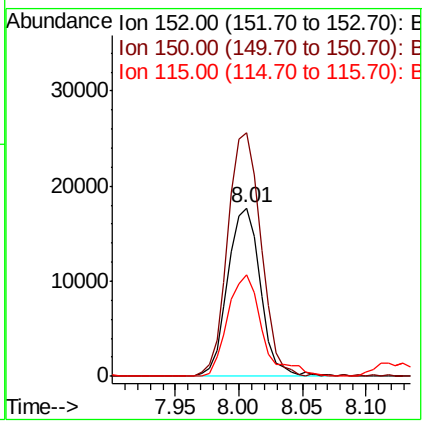


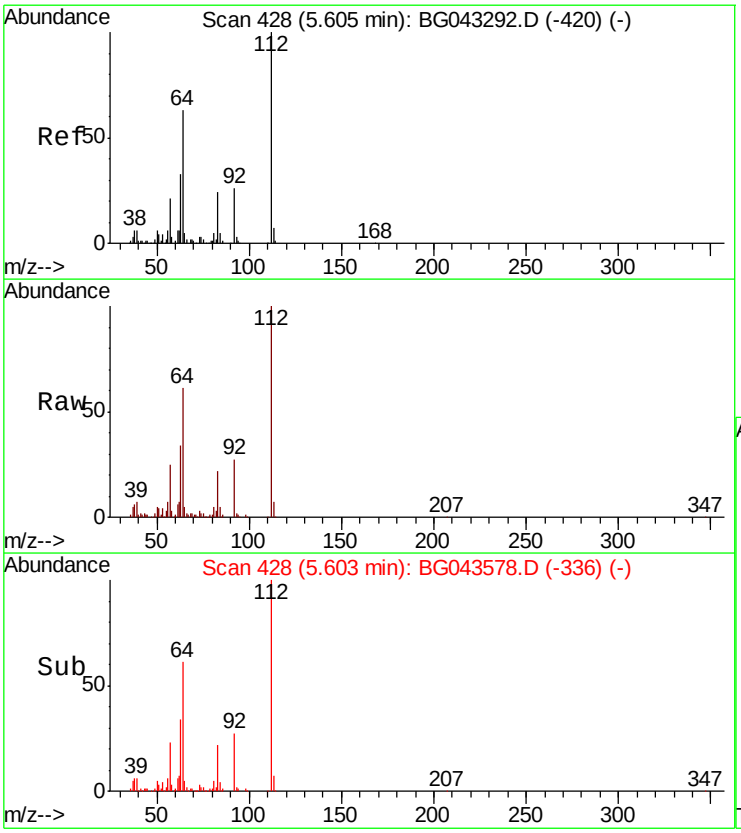
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.00 min
Lab File: BG043578.D
Acq: 8 Nov 2019 20:37

Instrument :
BNA_G
ClientSampleId :
SB-22-(14-15)

Tgt Ion:152 Resp: 31735

Ion	Ratio	Lower	Upper
152	100		
150	144.3	129.4	194.0
115	60.3	48.8	73.2

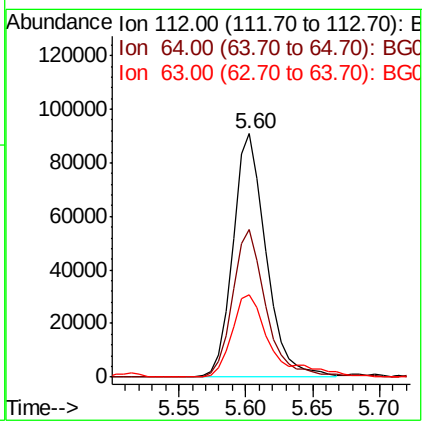


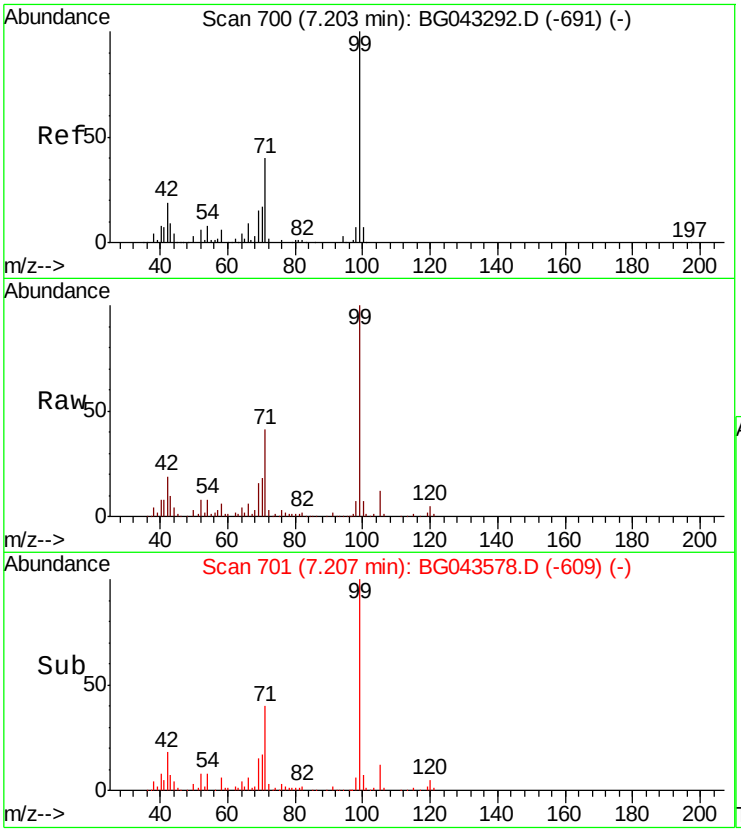


#5
2-Fluorophenol
Concen: 90.028 ng
RT: 5.60 min Scan# 428
Delta R.T. 0.01 min
Lab File: BG043578.D
Acq: 8 Nov 2019 20:37

Tgt Ion:112 Resp: 155913

Ion	Ratio	Lower	Upper
112	100		
64	60.7	50.0	75.0
63	33.6	26.6	40.0



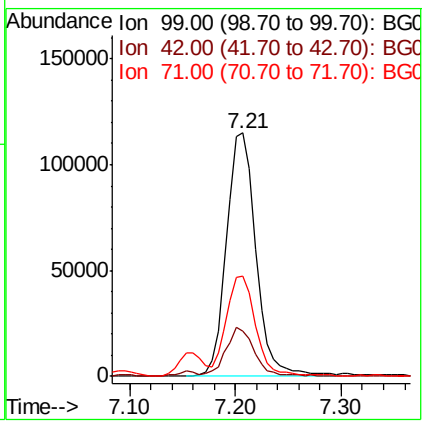


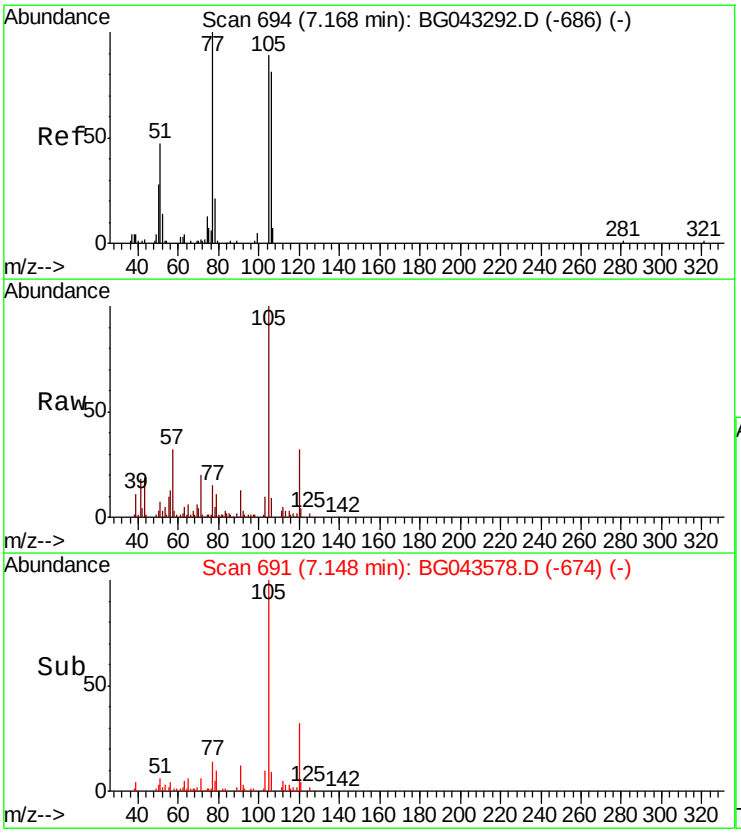
#7
Phenol-d6
Concen: 88.979 ng
RT: 7.21 min Scan# 701
Delta R.T. 0.01 min
Lab File: BG043578.D
Acq: 8 Nov 2019 20:37

Instrument :
BNA_G
ClientSampleId :
SB-22-(14-15)

Tgt Ion: 99 Resp: 221710

Ion	Ratio	Lower	Upper
99	100		
42	18.6	14.6	21.8
71	41.1	32.5	48.7

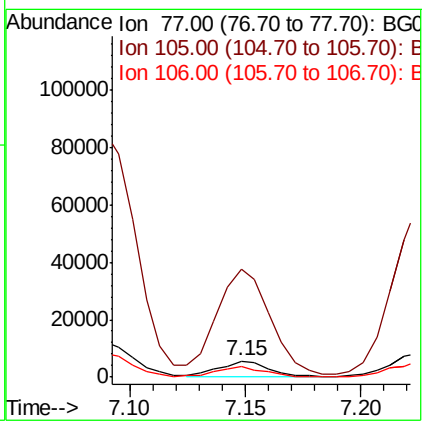


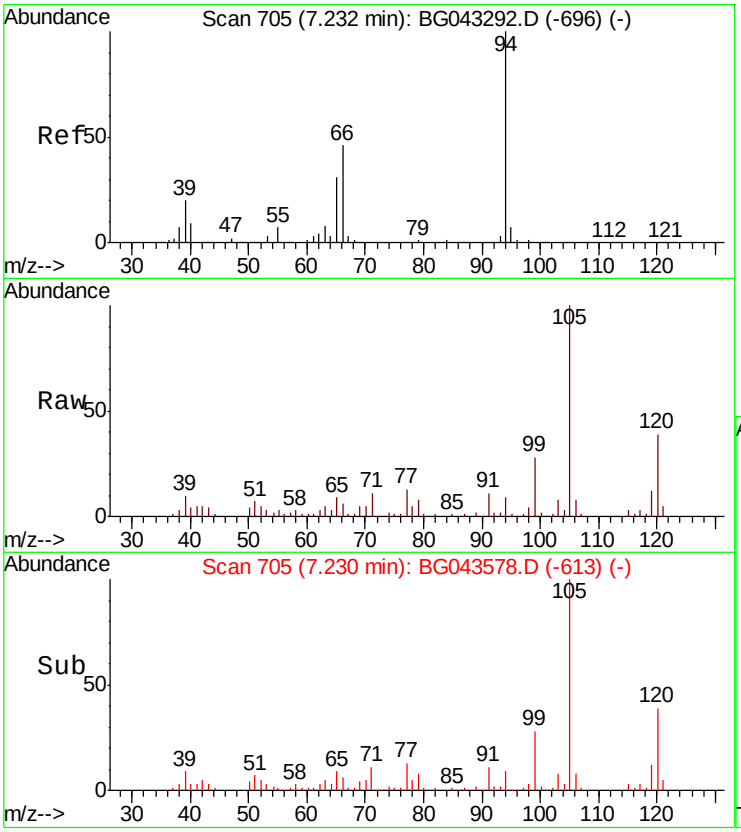


#9
Benzaldehyde
Concen: 6.188 ng
RT: 7.15 min Scan# 691
Delta R.T. -0.00 min
Lab File: BG043578.D
Acq: 8 Nov 2019 20:37

Tgt Ion: 77 Resp: 7578

Ion	Ratio	Lower	Upper
77	100		
105	684.9	68.6	108.6#
106	64.8	69.9	109.9#



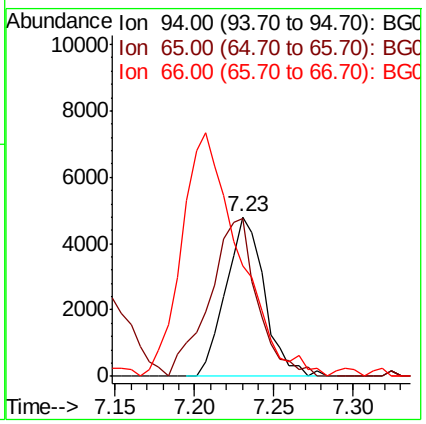


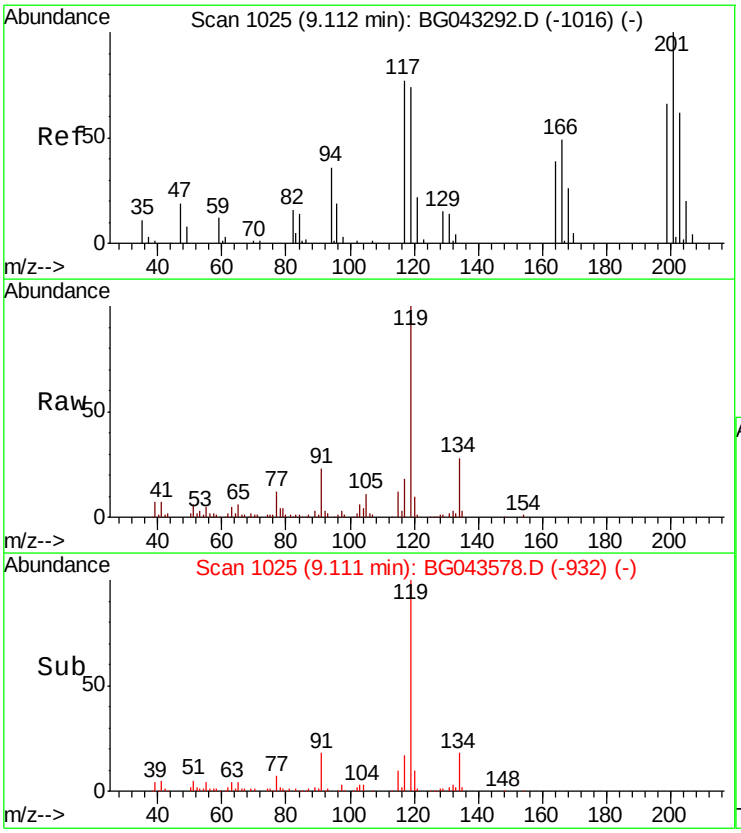
#10
Phenol
Concen: 3.551 ng
RT: 7.23 min Scan# 705
Delta R.T. 0.01 min
Lab File: BG043578.D
Acq: 8 Nov 2019 20:37

Instrument :
BNA_G
ClientSampleId :
SB-22-(14-15)

Tgt Ion: 94 Resp: 8085

Ion	Ratio	Lower	Upper
94	100		
65	99.0	12.6	52.6#
66	69.2	30.7	70.7

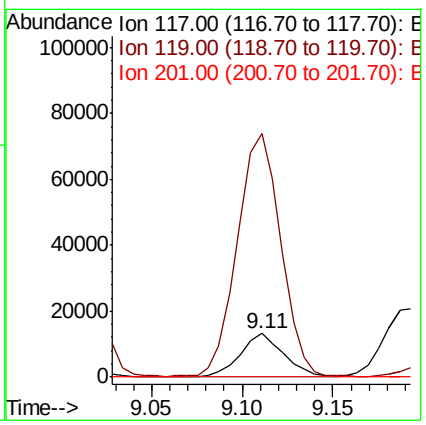


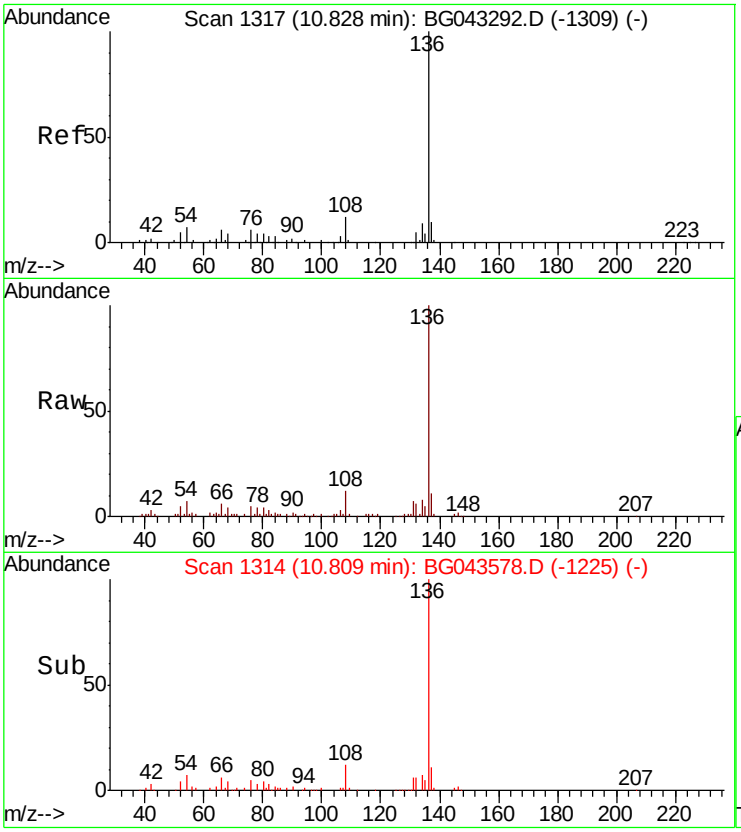


#18
Hexachloroethane
Concen: 25.300 ng
RT: 9.11 min Scan# 1025
Delta R.T. 0.02 min
Lab File: BG043578.D
Acq: 8 Nov 2019 20:37

Tgt Ion:117 Resp: 22121

Ion	Ratio	Lower	Upper
117	100		
119	559.2	79.0	118.4#
201	0.0	105.4	158.2#



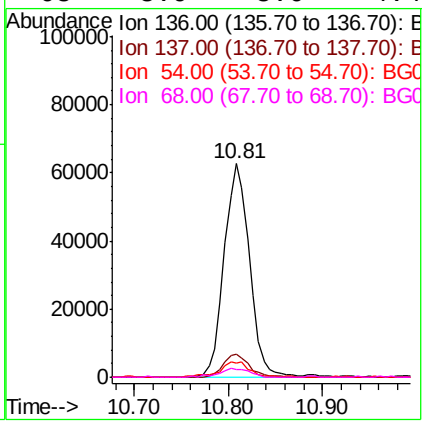


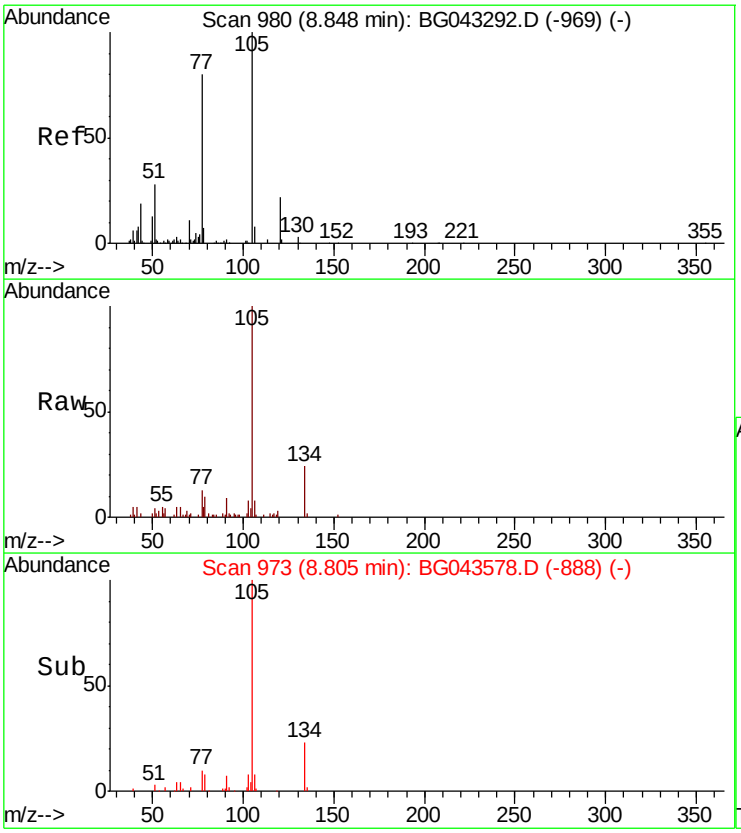
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BG043578.D
Acq: 8 Nov 2019 20:37

Instrument :
BNA_G
ClientSampleId :
SB-22-(14-15)

Tgt Ion:136 Resp: 118090

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	6.8	5.4	8.2
68	3.9	3.0	4.4

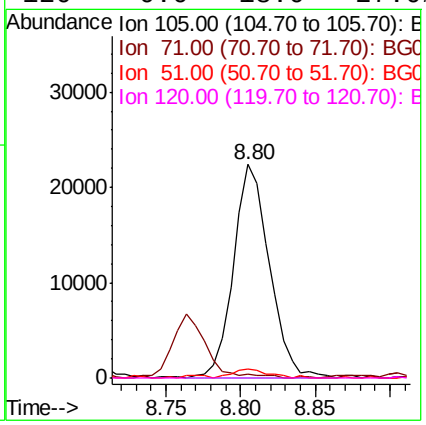


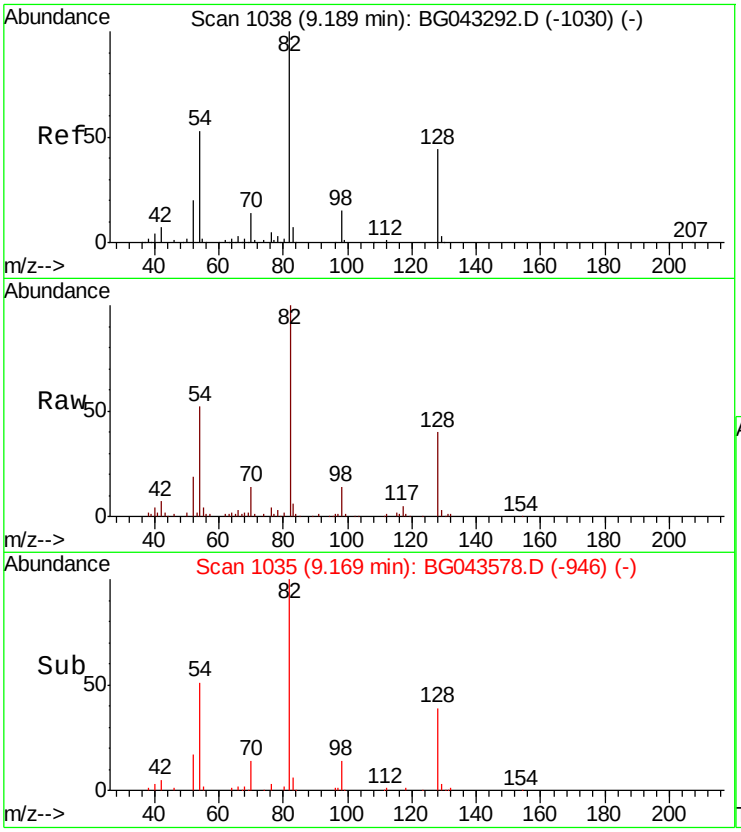


#22
Acetophenone
Concen: 12.369 ng
RT: 8.80 min Scan# 973
Delta R.T. -0.03 min
Lab File: BG043578.D
Acq: 8 Nov 2019 20:37

Tgt Ion:105 Resp: 37407

Ion	Ratio	Lower	Upper
105	100		
71	1.7	0.8	1.2#
51	4.1	21.0	31.4#
120	0.0	18.0	27.0#



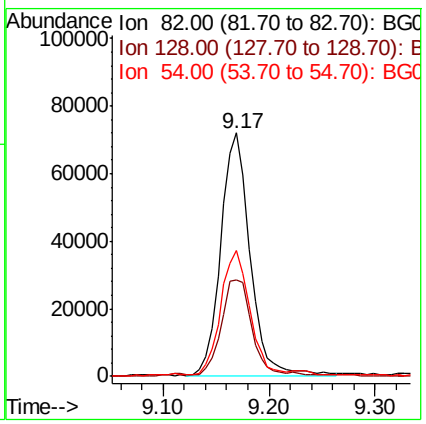


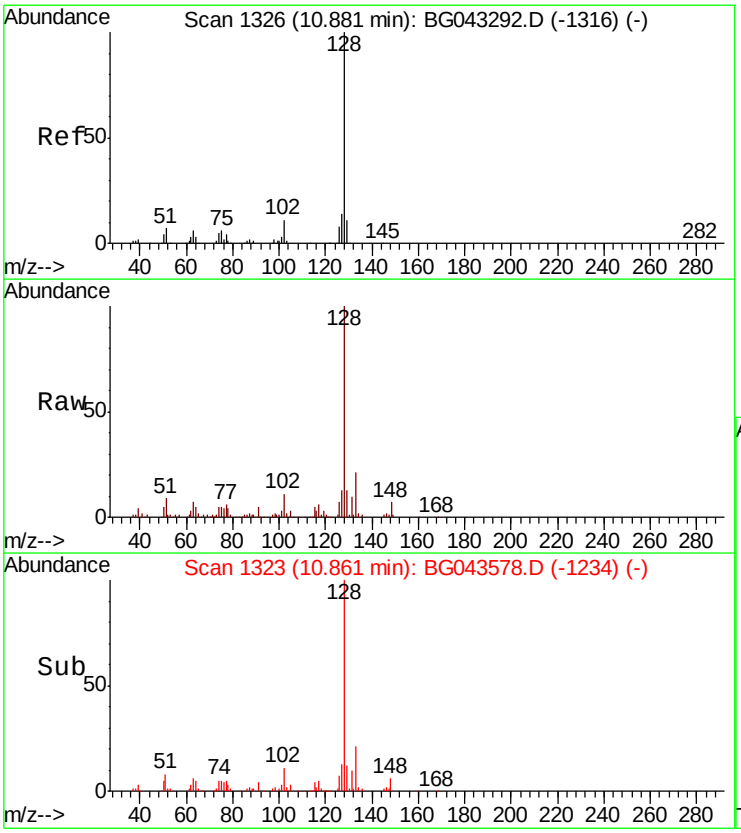
#23
Nitrobenzene-d5
Concen: 60.111 ng
RT: 9.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BG043578.D
Acq: 8 Nov 2019 20:37

Instrument :
BNA_G
ClientSampleId :
SB-22-(14-15)

Tgt Ion: 82 Resp: 137690

Ion	Ratio	Lower	Upper
82	100		
128	39.6	35.0	52.6
54	51.6	40.2	60.2

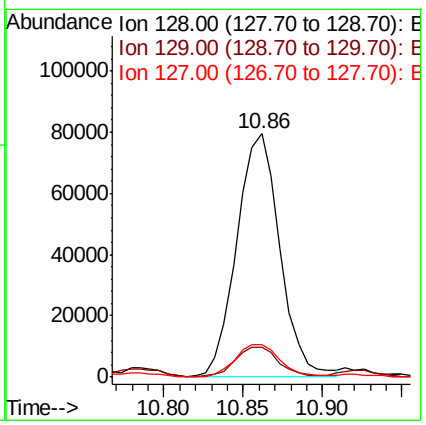


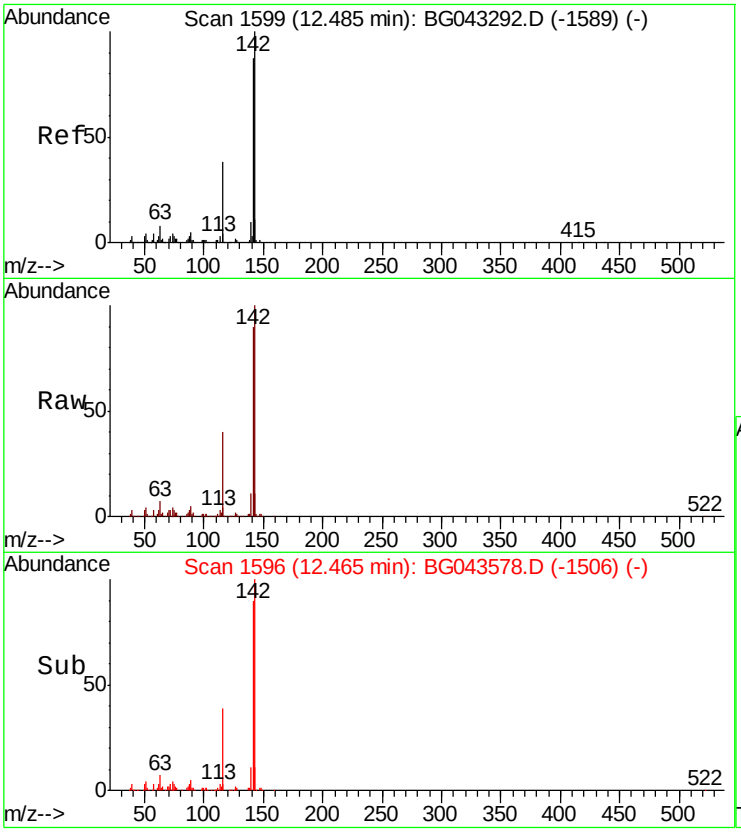


#31
Naphthalene
Concen: 24.926 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BG043578.D
Acq: 8 Nov 2019 20:37

Tgt Ion:128 Resp: 149411

Ion	Ratio	Lower	Upper
128	100		
129	12.5	9.4	14.0
127	13.4	11.1	16.7



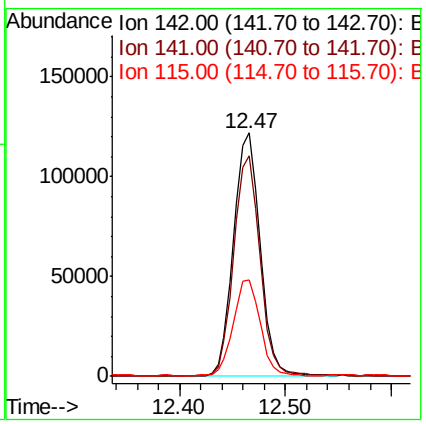


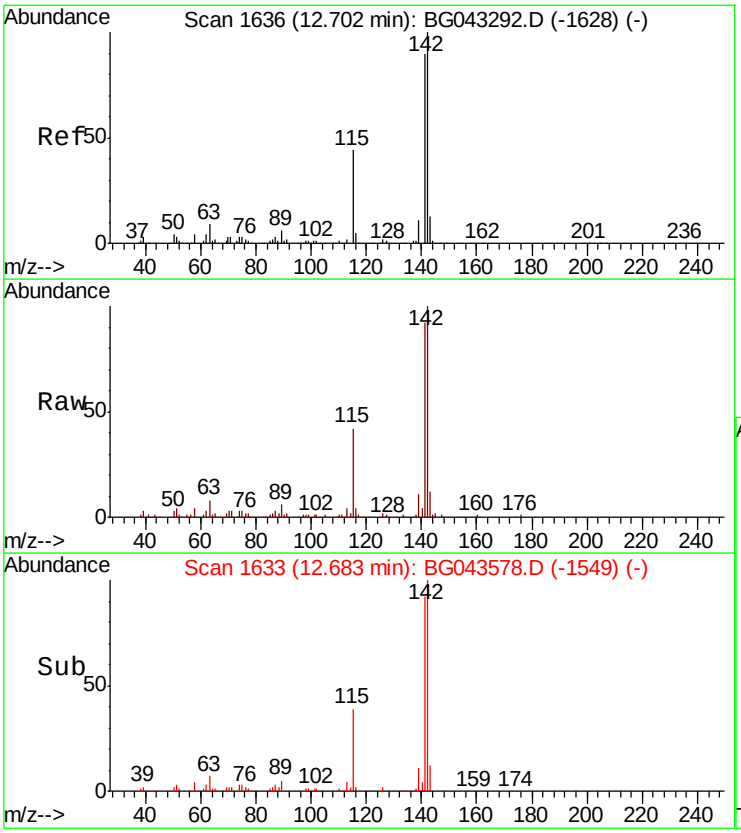
#37
2-Methylnaphthalene
Concen: 46.212 ng
RT: 12.47 min Scan# 1596
Delta R.T. -0.00 min
Lab File: BG043578.D
Acq: 8 Nov 2019 20:37

Instrument :
BNA_G
ClientSampleId :
SB-22-(14-15)

Tgt Ion:142 Resp: 212540

Ion	Ratio	Lower	Upper
142	100		
141	90.5	72.2	108.2
115	39.8	33.2	49.8

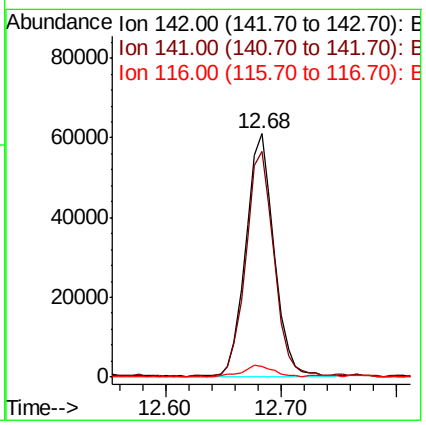


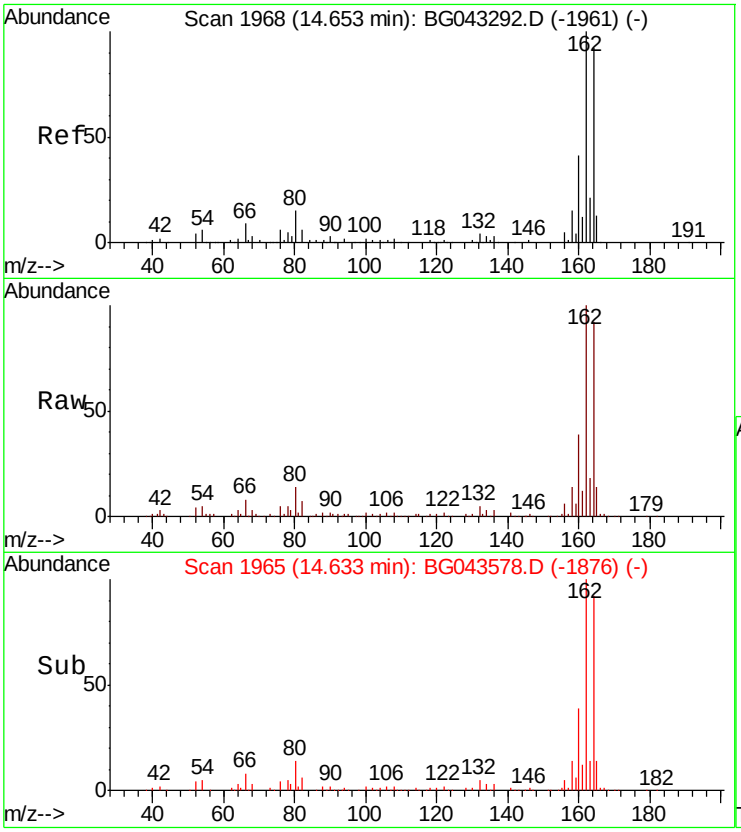


#38
1-Methylnaphthalene
Concen: 23.595 ng
RT: 12.68 min Scan# 1633
Delta R.T. -0.01 min
Lab File: BG043578.D
Acq: 8 Nov 2019 20:37

Tgt Ion:142 Resp: 103252

Ion	Ratio	Lower	Upper
142	100		
141	92.4	73.2	109.8
116	4.2	3.6	5.4



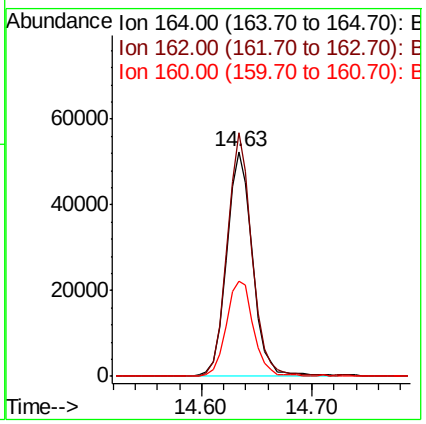


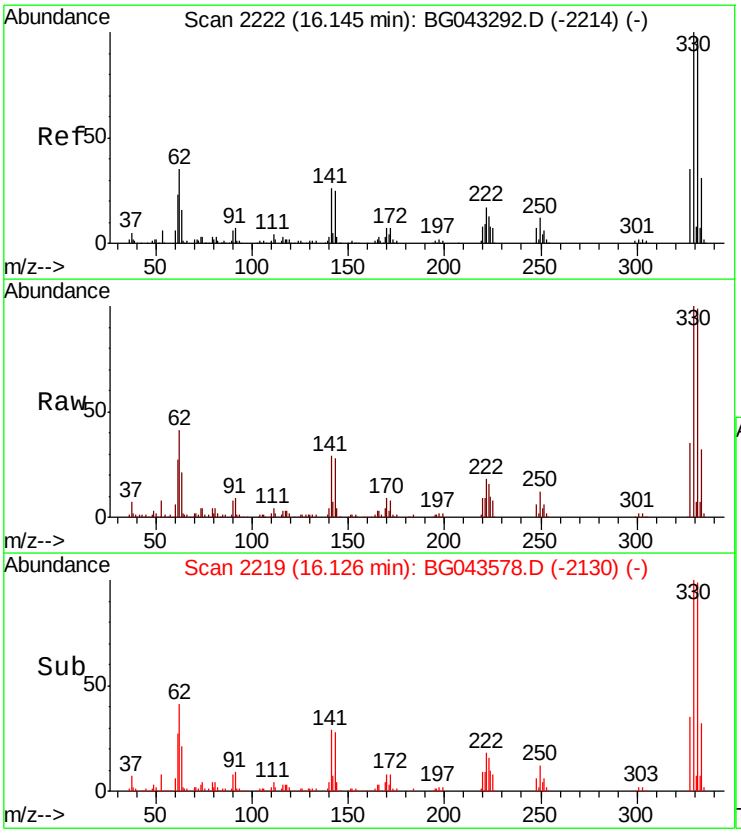
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1965
Delta R.T. -0.01 min
Lab File: BG043578.D
Acq: 8 Nov 2019 20:37

Instrument :
BNA_G
ClientSampleId :
SB-22-(14-15)

Tgt Ion:164 Resp: 85696

Ion	Ratio	Lower	Upper
164	100		
162	108.5	83.5	125.3
160	42.6	36.5	54.7

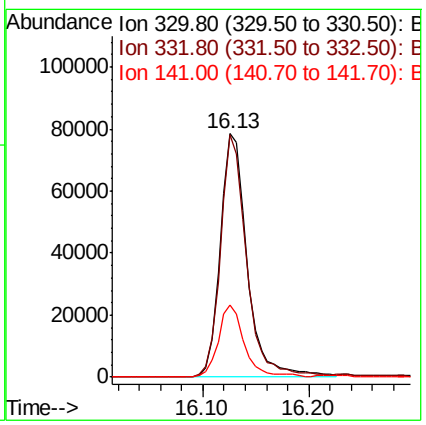


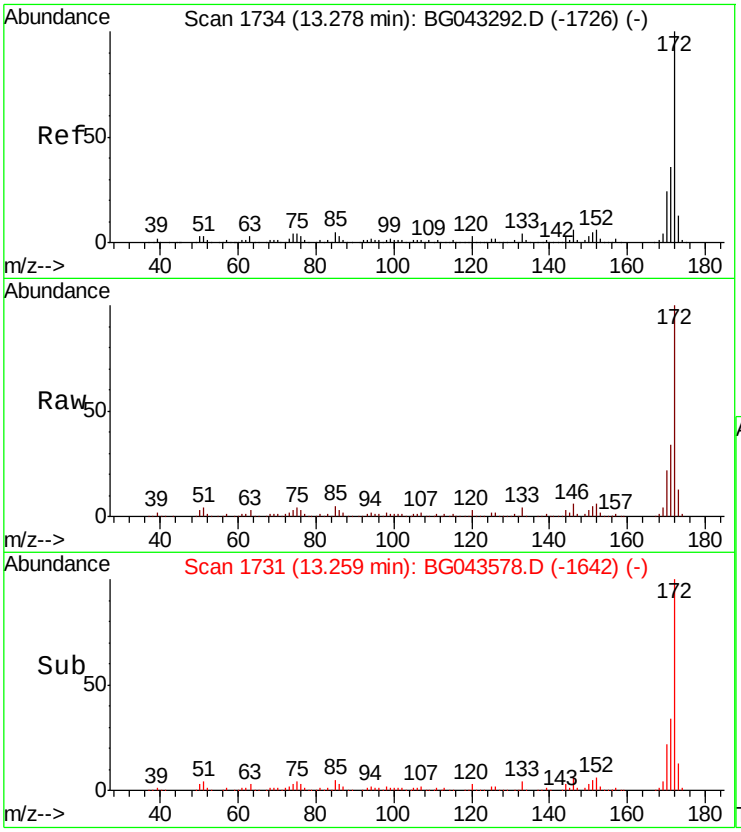


#42
2,4,6-Tribromophenol
Concen: 85.290 ng
RT: 16.13 min Scan# 2219
Delta R.T. -0.01 min
Lab File: BG043578.D
Acq: 8 Nov 2019 20:37

Tgt Ion:330 Resp: 139090

Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.4	116.0
141	28.7	22.8	34.2



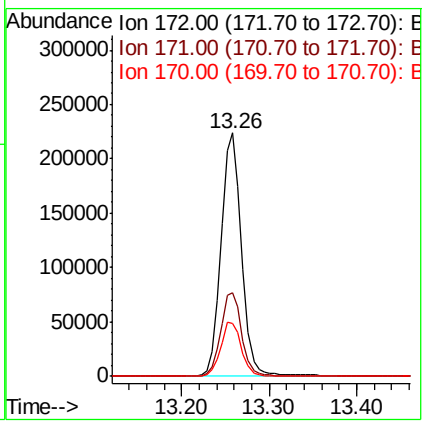


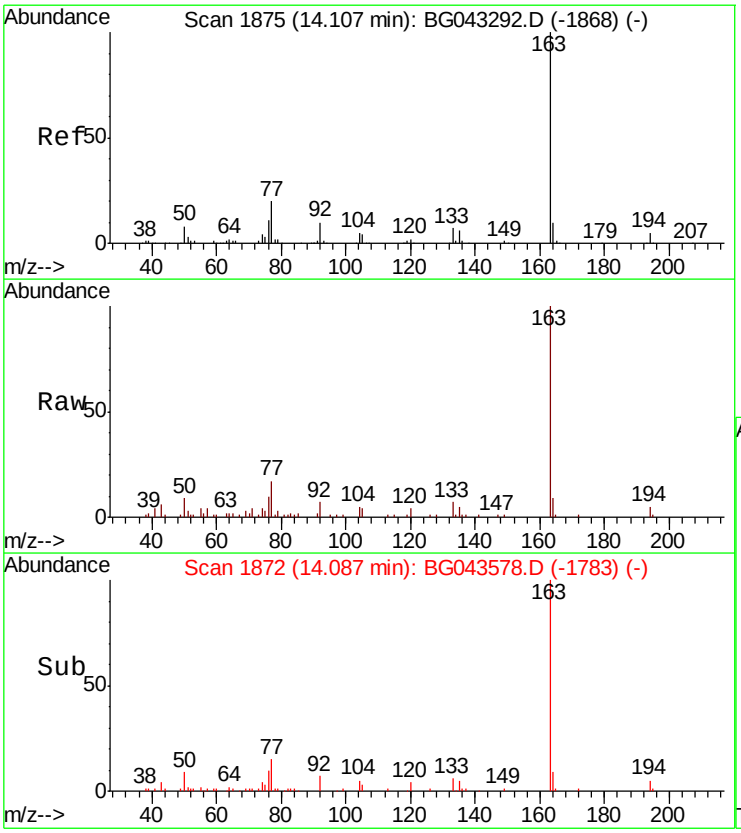
#45
2-Fluorobiphenyl
Concen: 58.511 ng
RT: 13.26 min Scan# 1731
Delta R.T. -0.01 min
Lab File: BG043578.D
Acq: 8 Nov 2019 20:37

Instrument :
BNA_G
ClientSampleId :
SB-22-(14-15)

Tgt Ion:172 Resp: 362873

Ion	Ratio	Lower	Upper
172	100		
171	34.2	28.9	43.3
170	21.7	18.5	27.7

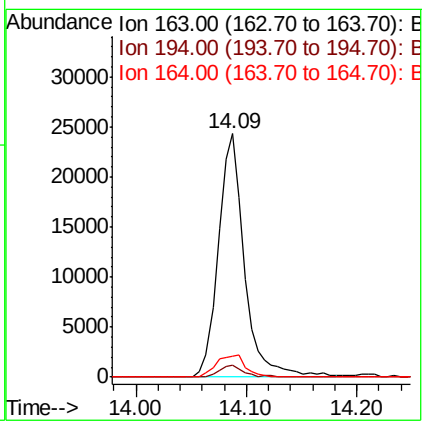


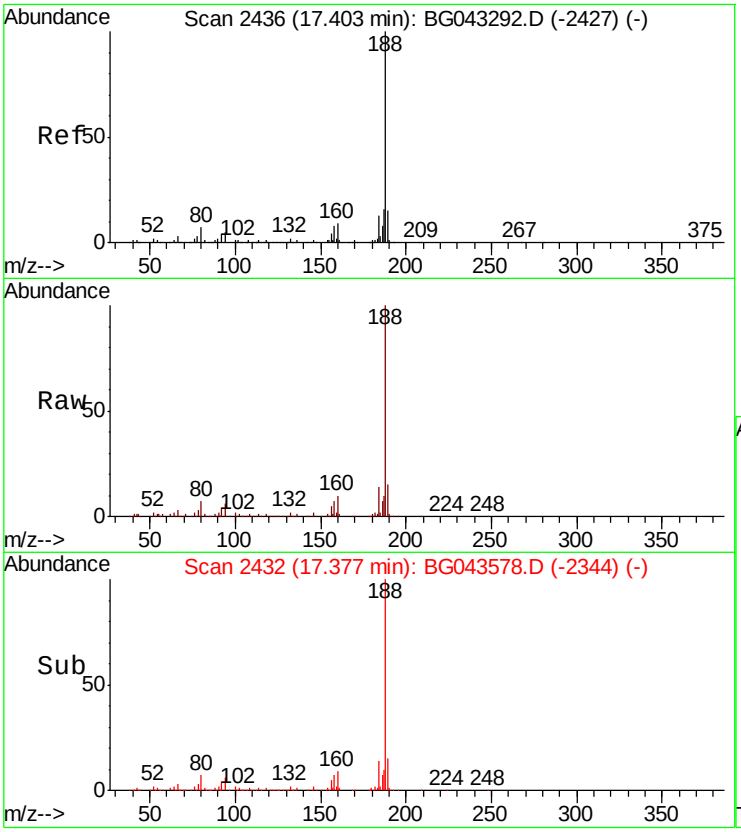


#50
Dimethylphthalate
Concen: 6.032 ng
RT: 14.09 min Scan# 1872
Delta R.T. -0.01 min
Lab File: BG043578.D
Acq: 8 Nov 2019 20:37

Tgt Ion:163 Resp: 40042

Ion	Ratio	Lower	Upper
163	100		
194	4.9	3.8	5.6
164	8.7	8.9	13.3#



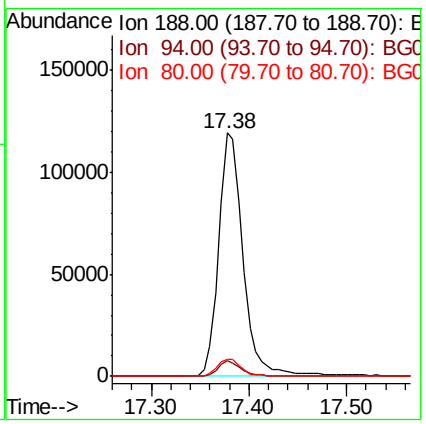


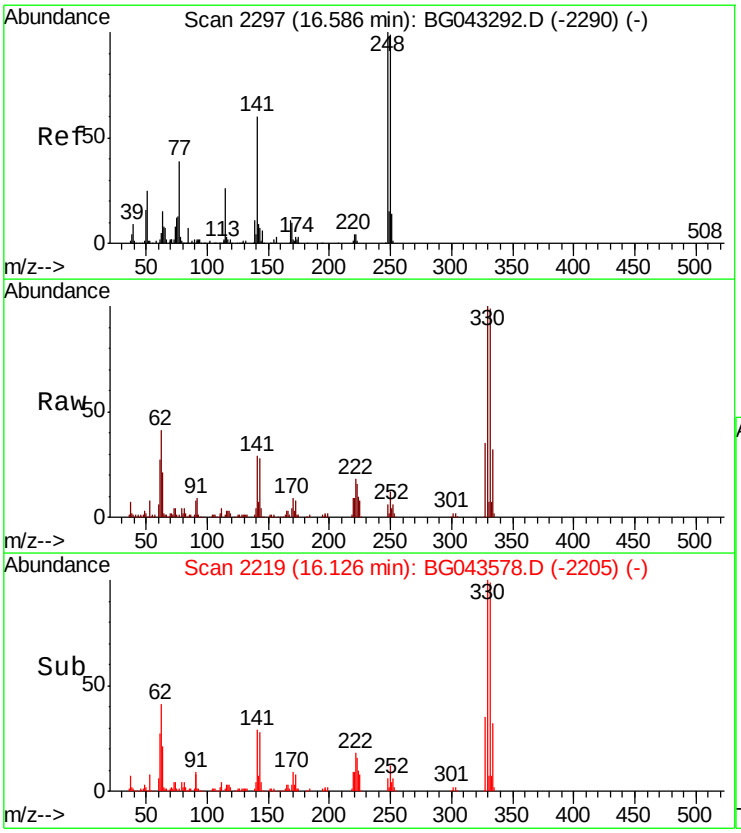
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2432
Delta R.T. -0.01 min
Lab File: BG043578.D
Acq: 8 Nov 2019 20:37

Instrument :
BNA_G
ClientSampleId :
SB-22-(14-15)

Tgt Ion:188 Resp: 206459

Ion	Ratio	Lower	Upper
188	100		
94	6.3	4.2	6.4
80	6.8	4.5	6.7#

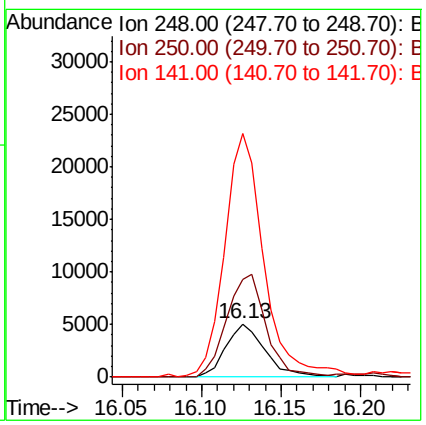


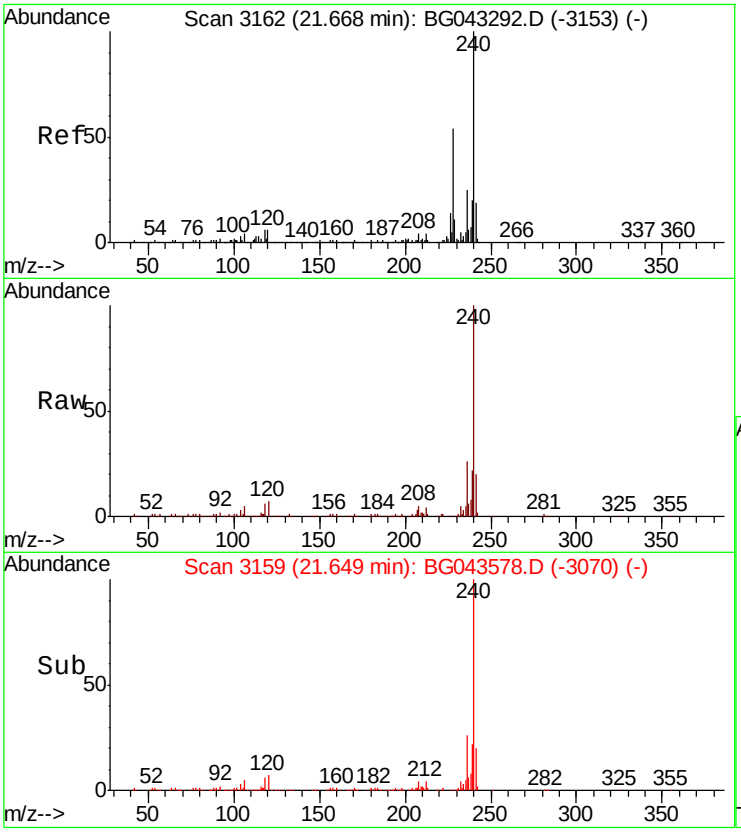


#67
4-Bromophenyl-phenylether
Concen: 3.106 ng
RT: 16.13 min Scan# 2219
Delta R.T. -0.45 min
Lab File: BG043578.D
Acq: 8 Nov 2019 20:37

Tgt Ion:248 Resp: 8630

Ion	Ratio	Lower	Upper
248	100		
250	184.4	77.0	115.4#
141	457.2	47.5	71.3#



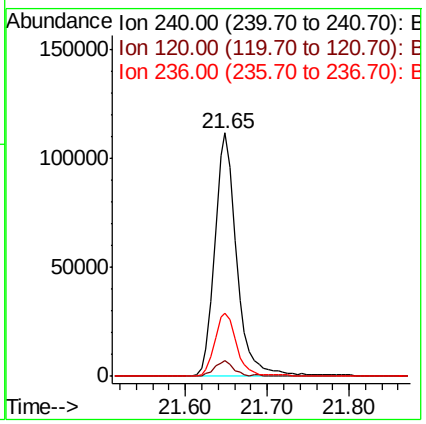


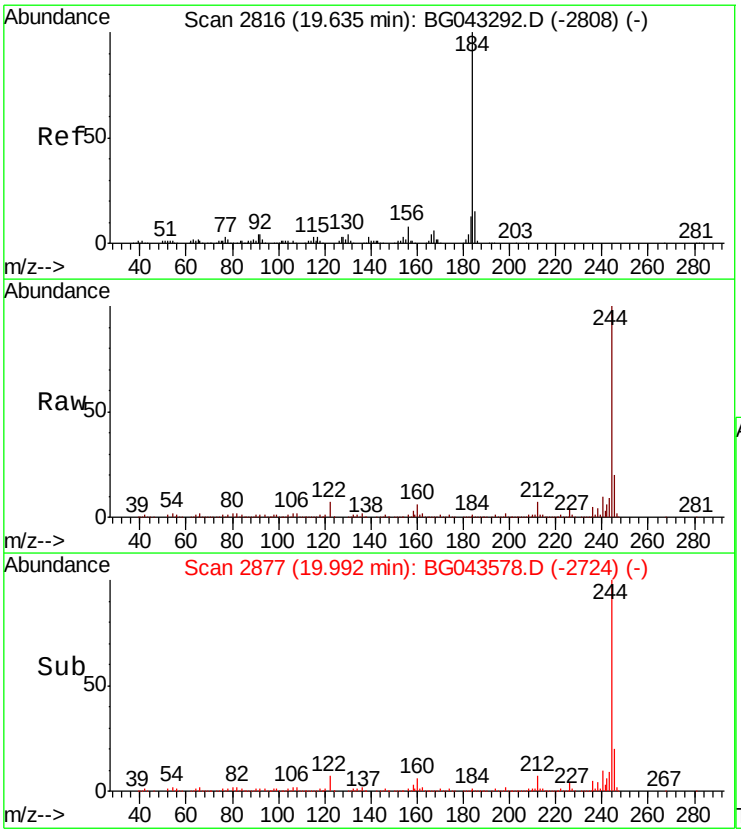
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.65 min Scan# 3159
Delta R.T. -0.01 min
Lab File: BG043578.D
Acq: 8 Nov 2019 20:37

Instrument :
BNA_G
ClientSampleId :
SB-22-(14-15)

Tgt Ion:240 Resp: 208828

Ion	Ratio	Lower	Upper
240	100		
120	6.6	4.6	6.8
236	25.8	19.8	29.8

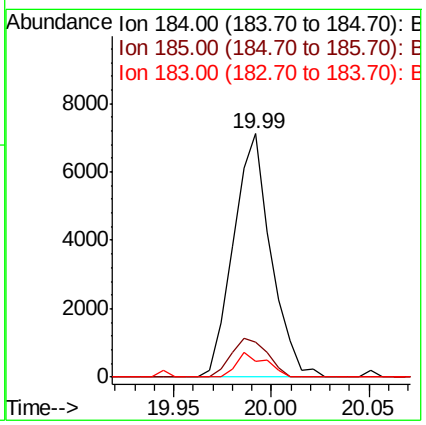


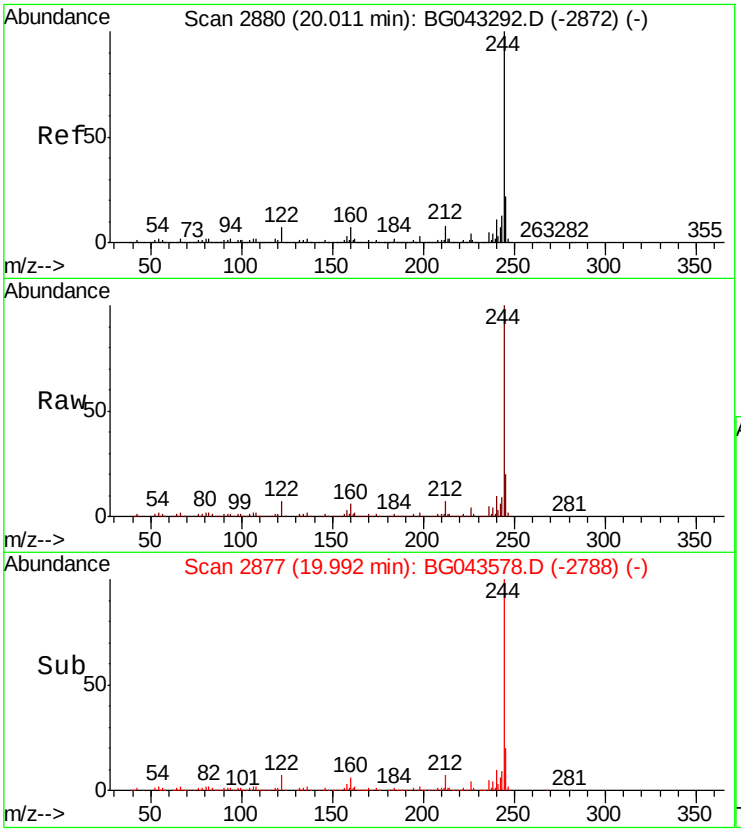


#77
Benzidine
Concen: 2.254 ng
RT: 19.99 min Scan# 2877
Delta R.T. 0.37 min
Lab File: BG043578.D
Acq: 8 Nov 2019 20:37

Tgt Ion:184 Resp: 9473

Ion	Ratio	Lower	Upper
184	100		
185	14.2	11.0	16.4
183	6.4	10.0	15.0#



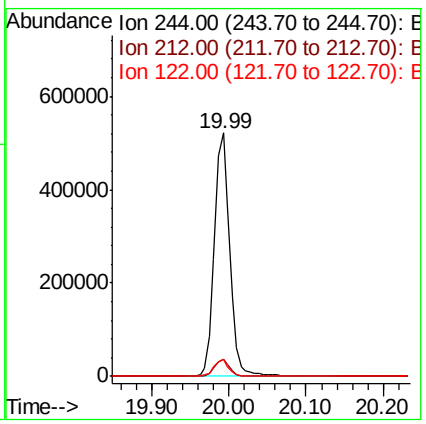


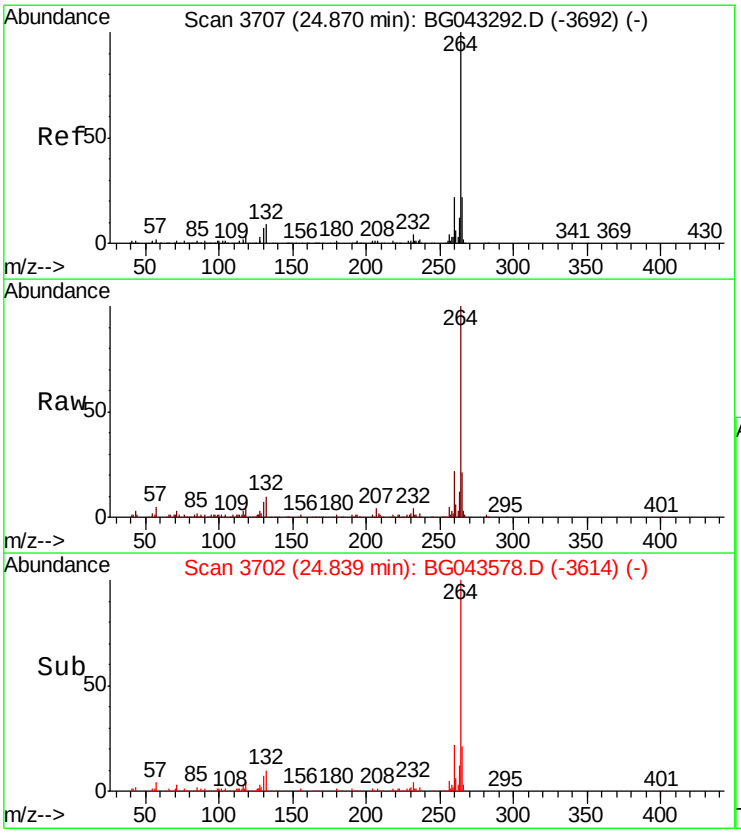
#79
Terphenyl-d14
Concen: 64.313 ng
RT: 19.99 min Scan# 2877
Delta R.T. -0.01 min
Lab File: BG043578.D
Acq: 8 Nov 2019 20:37

Instrument :
BNA_G
ClientSampleId :
SB-22-(14-15)

Tgt Ion:244 Resp: 715879

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.8	8.6
122	6.8	5.4	8.2





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.84 min Scan# 3702
Delta R.T. -0.01 min
Lab File: BG043578.D
Acq: 8 Nov 2019 20:37

Tgt Ion:264 Resp: 239987

Ion	Ratio	Lower	Upper
264	100		
260	22.3	17.5	26.3
265	21.4	17.4	26.0