Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG093019\
Data File : BG042956.D
Acq On : 1 Oct 2019 00:40
Operator : JU
Sample : K5054-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PAT-091019-B

Quant Time: Oct 01 07:59:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 25 15:35:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	64788	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	246458	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	172904	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	430685	20.00	ng	0.00
76) Chrysene-d12	21.70	240	470582	20.00	ng	-0.01
87) Perylene-d12	24.92	264	242992	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	478910	131.92	ng	0.00
7) Phenol-d6	7.24	99	697127	133.35	ng	0.00
23) Nitrobenzene-d5	9.23	82	435643	85.92	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	401105	134.91	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	1063581	89.17	ng	0.00
79) Terphenyl-d14	20.04	244	2132852	96.58	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	10.12	122	14661	9.178	ng	97
49) Acenaphthylene	14.41	152	30183	2.007	ng	100
50) Dimethylphthalate	14.14	163	81024	6.254	ng	# 97

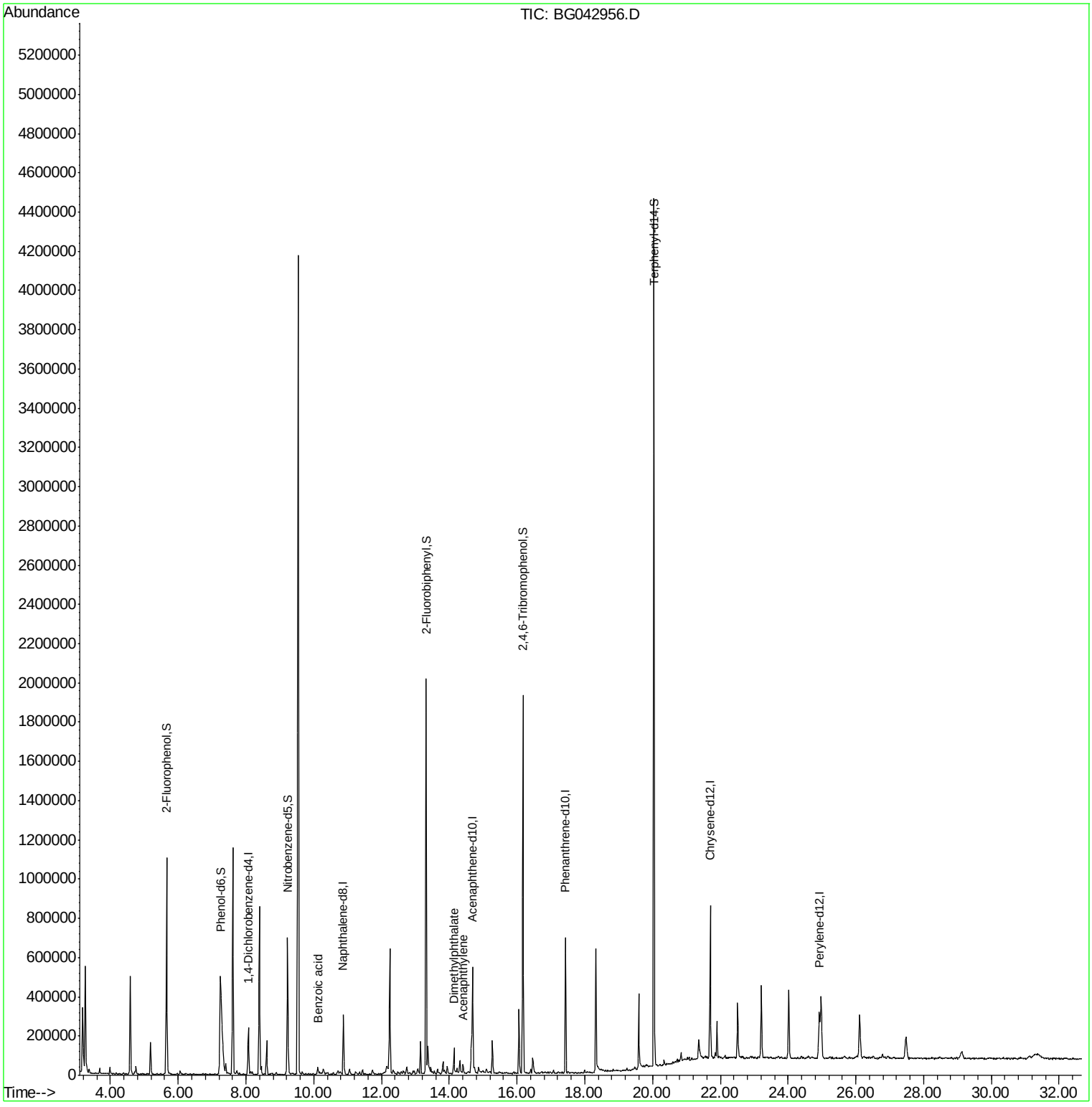
(#) = qualifier out of range (m) = manual integration (+) = signals summed

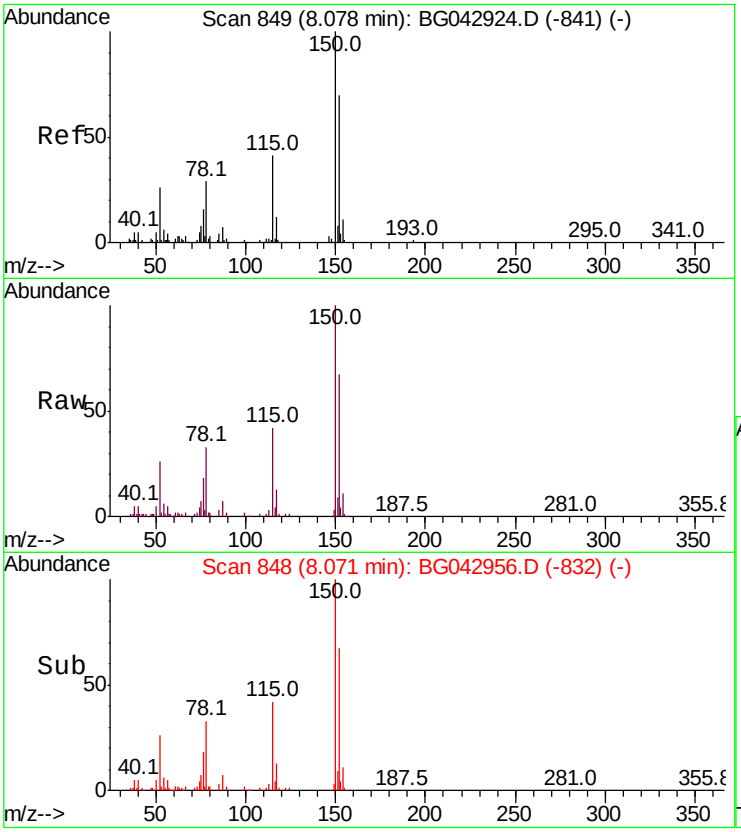
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG093019\
Data File : BG042956.D
Acq On : 1 Oct 2019 00:40
Operator : JU
Sample : K5054-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PAT-091019-B

Quant Time: Oct 01 07:59:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 25 15:35:52 2019
Response via : Initial Calibration



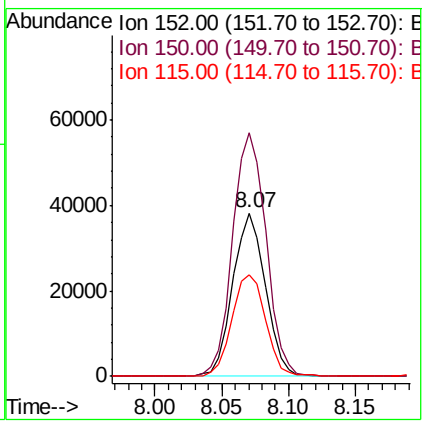


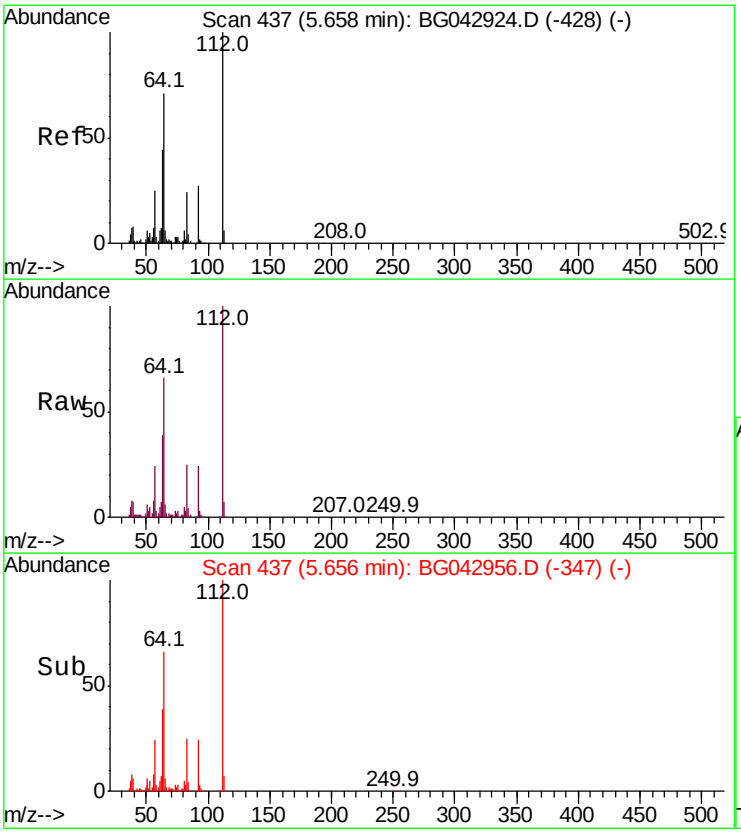
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BG042956.D
Acq: 1 Oct 2019 00:40

Instrument :
BNA_G
ClientSampleId :
PAT-091019-B

Tgt Ion:152 Resp: 64788

Ion	Ratio	Lower	Upper
152	100		
150	149.4	115.0	172.4
115	62.3	47.0	70.6

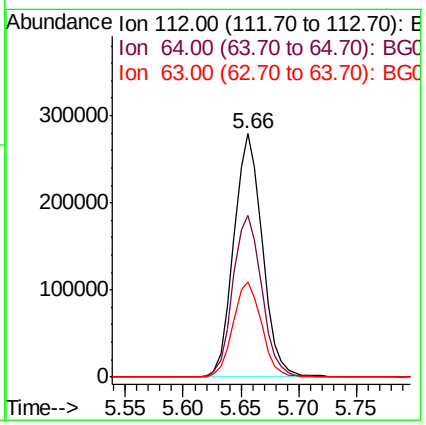


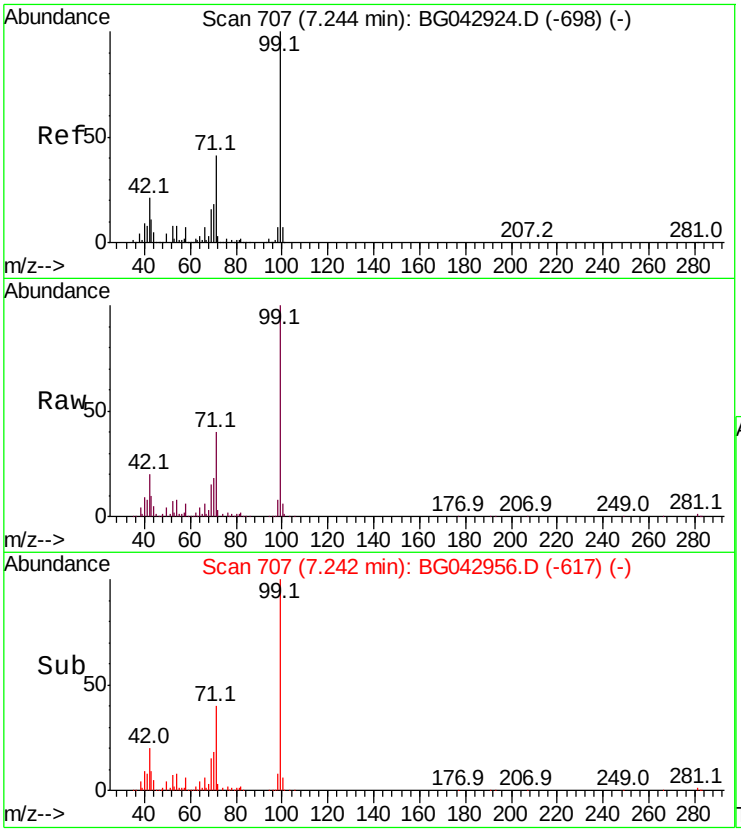


#5
2-Fluorophenol
Concen: 131.918 ng
RT: 5.66 min Scan# 437
Delta R.T. -0.00 min
Lab File: BG042956.D
Acq: 1 Oct 2019 00:40

Tgt Ion:112 Resp: 478910

Ion	Ratio	Lower	Upper
112	100		
64	66.4	56.6	84.8
63	39.3	35.1	52.7



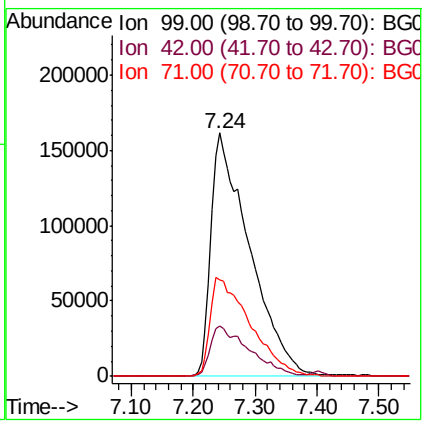


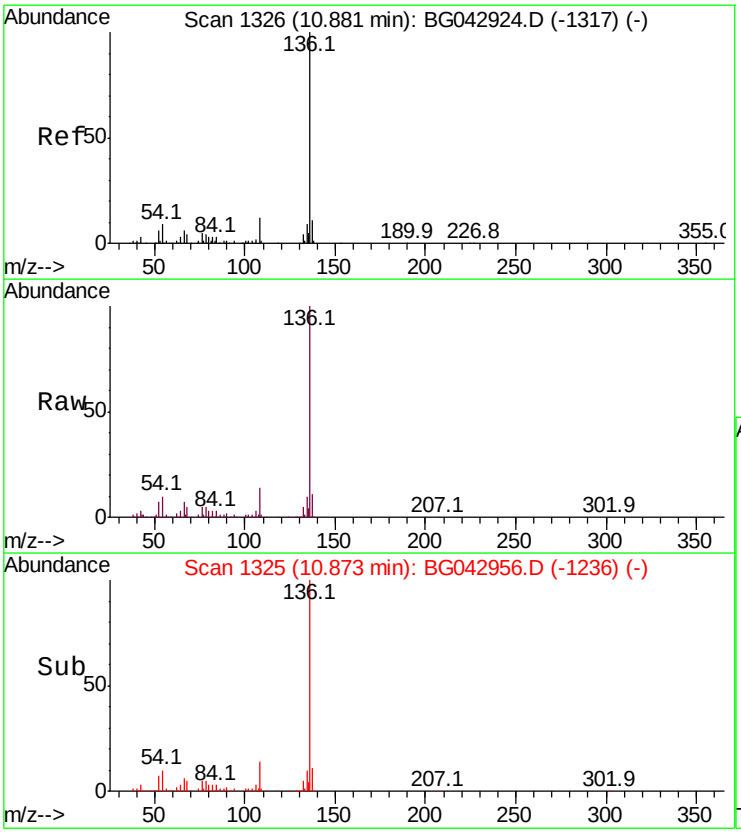
#7
Phenol-d6
Concen: 133.347 ng
RT: 7.24 min Scan# 707
Delta R.T. -0.00 min
Lab File: BG042956.D
Acq: 1 Oct 2019 00:40

Instrument :
BNA_G
ClientSampleId :
PAT-091019-B

Tgt Ion: 99 Resp: 697127

Ion	Ratio	Lower	Upper
99	100		
42	20.4	17.2	25.8
71	39.9	33.1	49.7

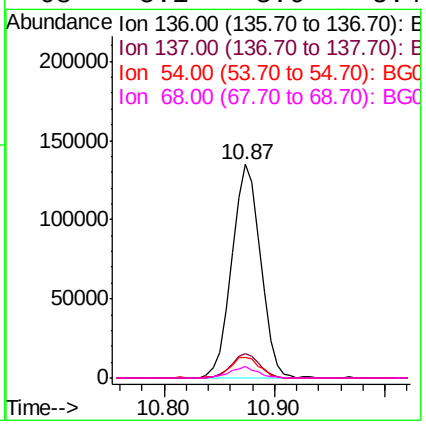


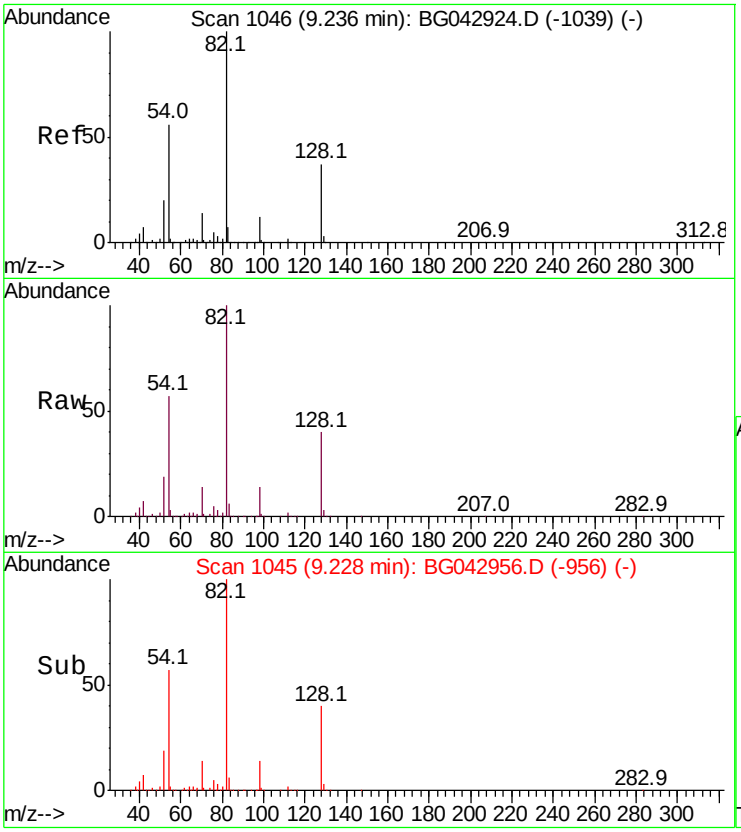


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG042956.D
Acq: 1 Oct 2019 00:40

Tgt Ion:136 Resp: 246458

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.5	12.7
54	9.5	7.4	11.2
68	5.1	3.6	5.4



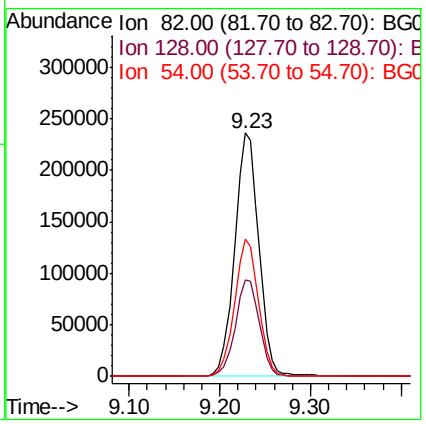


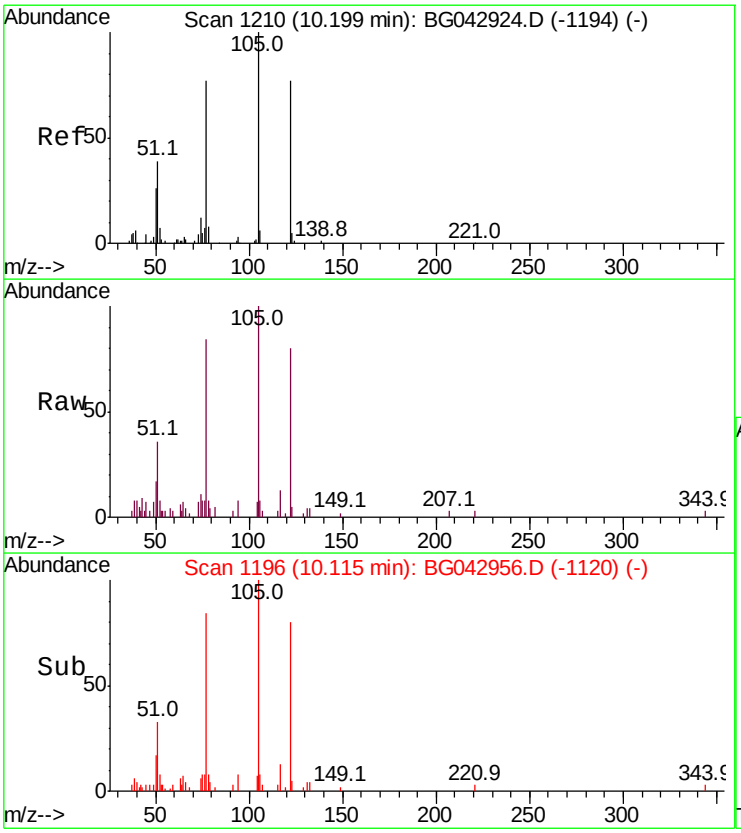
#23
Nitrobenzene-d5
Concen: 85.915 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BG042956.D
Acq: 1 Oct 2019 00:40

Instrument :
BNA_G
ClientSampleId :
PAT-091019-B

Tgt Ion: 82 Resp: 435643

Ion	Ratio	Lower	Upper
82	100		
128	39.7	29.5	44.3
54	56.6	44.6	67.0

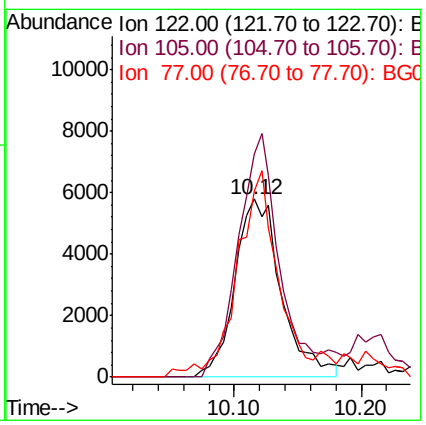


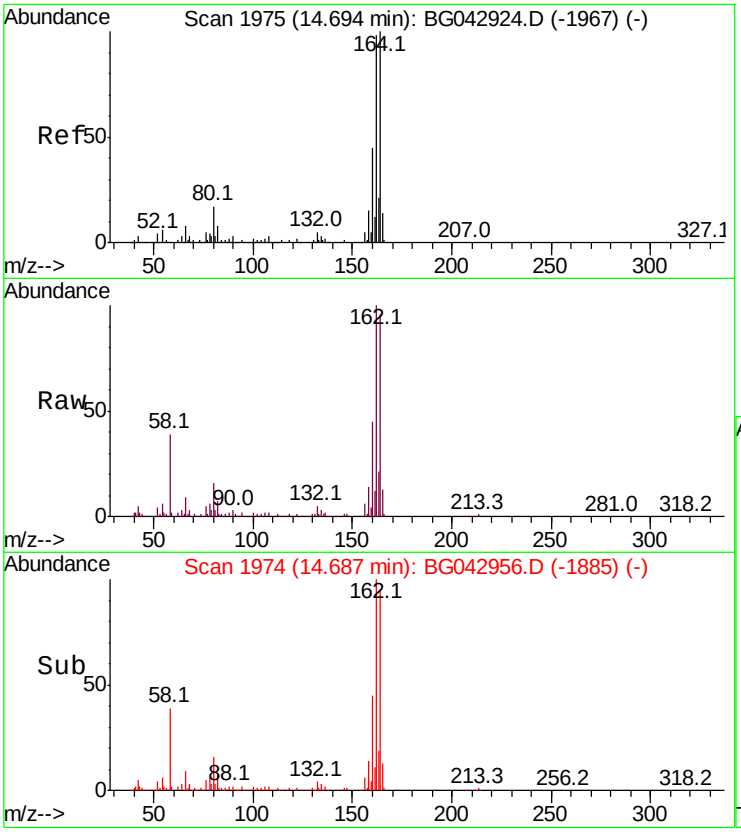


#32
Benzoic acid
Concen: 9.178 ng
RT: 10.12 min Scan# 1196
Delta R.T. -0.08 min
Lab File: BG042956.D
Acq: 1 Oct 2019 00:40

Tgt Ion:122 Resp: 14661

Ion	Ratio	Lower	Upper
122	100		
105	125.2	107.5	147.5
77	104.7	79.8	119.8



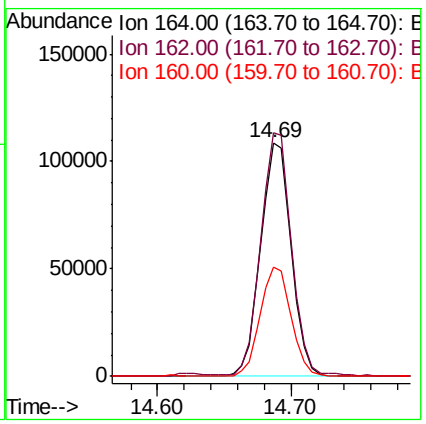


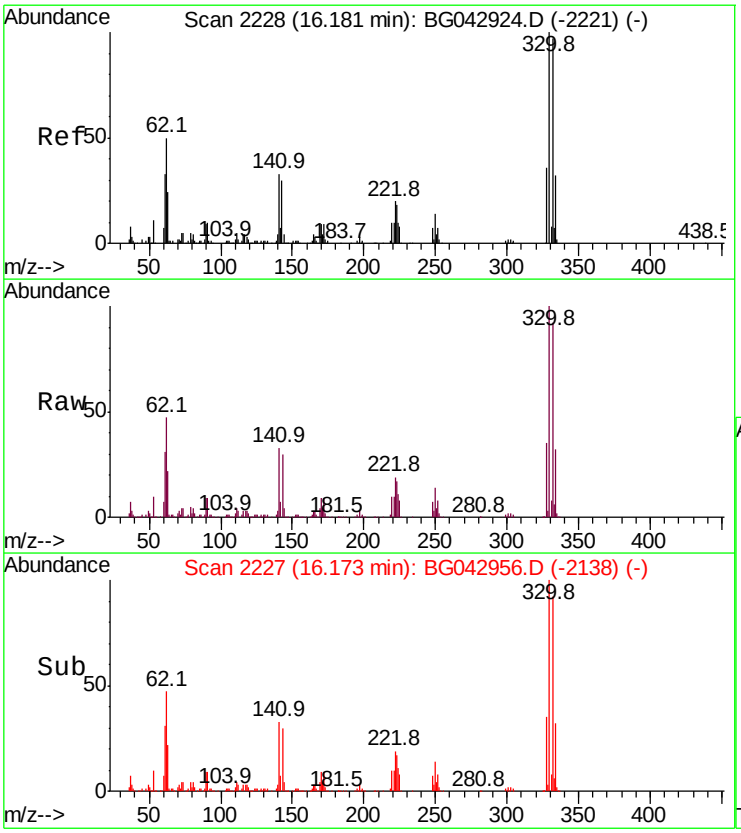
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BG042956.D
Acq: 1 Oct 2019 00:40

Instrument :
BNA_G
ClientSampleId :
PAT-091019-B

Tgt Ion:164 Resp: 172904

Ion	Ratio	Lower	Upper
164	100		
162	104.1	78.5	117.7
160	46.9	35.9	53.9

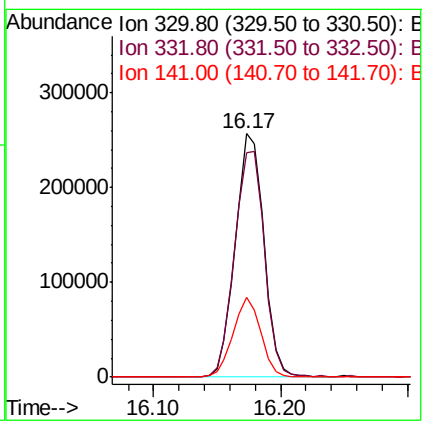


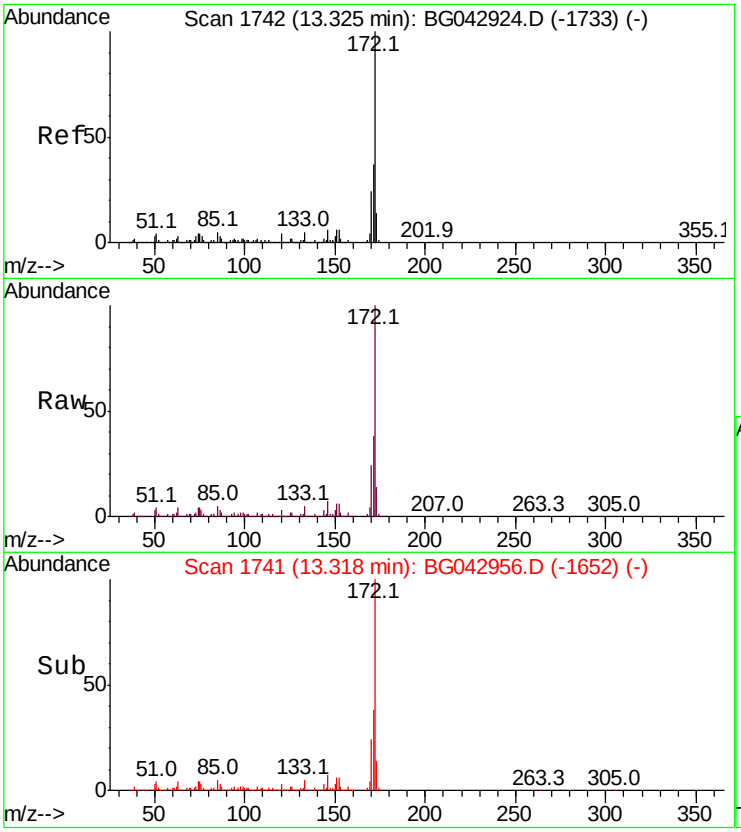


#42
2,4,6-Tribromophenol
Concen: 134.907 ng
RT: 16.17 min Scan# 2227
Delta R.T. -0.01 min
Lab File: BG042956.D
Acq: 1 Oct 2019 00:40

Tgt Ion:330 Resp: 401105

Ion	Ratio	Lower	Upper
330	100		
332	96.9	78.2	117.2
141	31.5	26.0	39.0



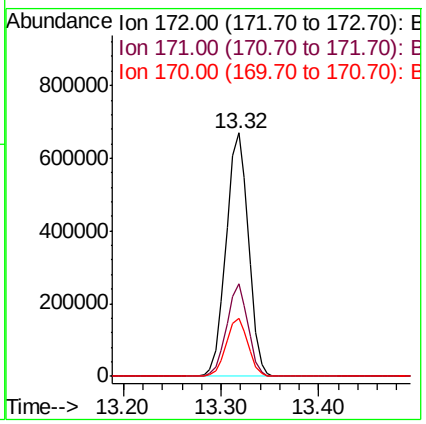


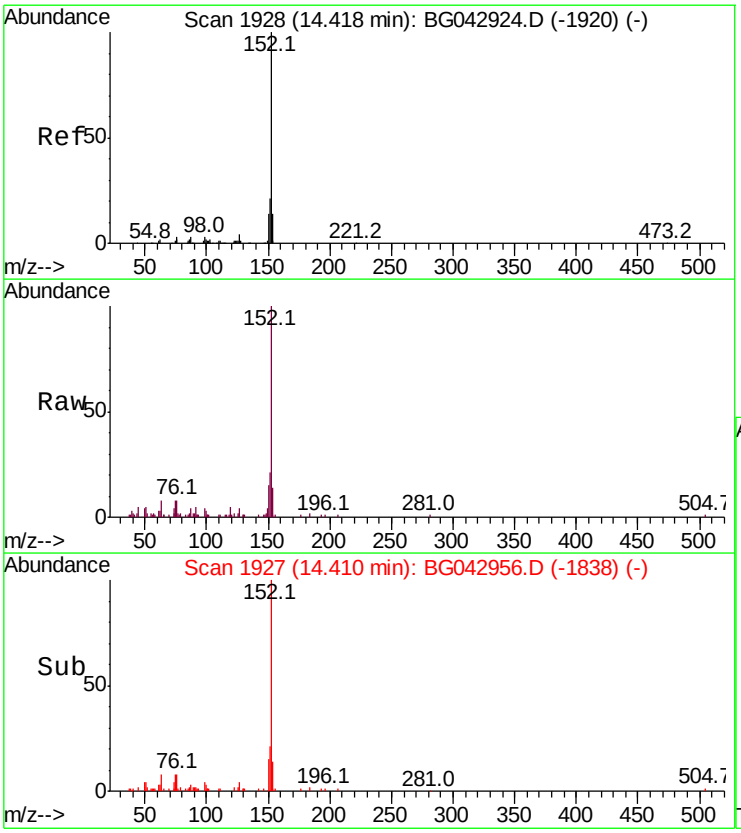
#45
2-Fluorobiphenyl
Concen: 89.175 ng
RT: 13.32 min Scan# 1741
Delta R.T. -0.01 min
Lab File: BG042956.D
Acq: 1 Oct 2019 00:40

Instrument :
BNA_G
ClientSampleId :
PAT-091019-B

Tgt Ion:172 Resp: 1063581

Ion	Ratio	Lower	Upper
172	100		
171	37.9	29.6	44.4
170	23.7	19.6	29.4

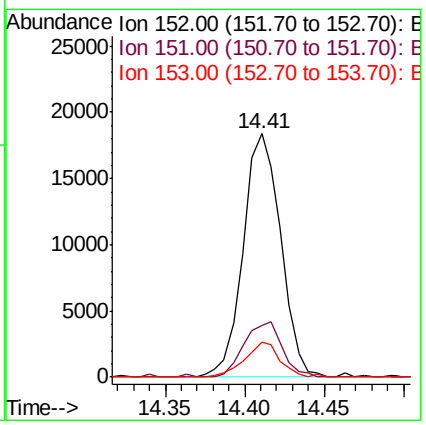


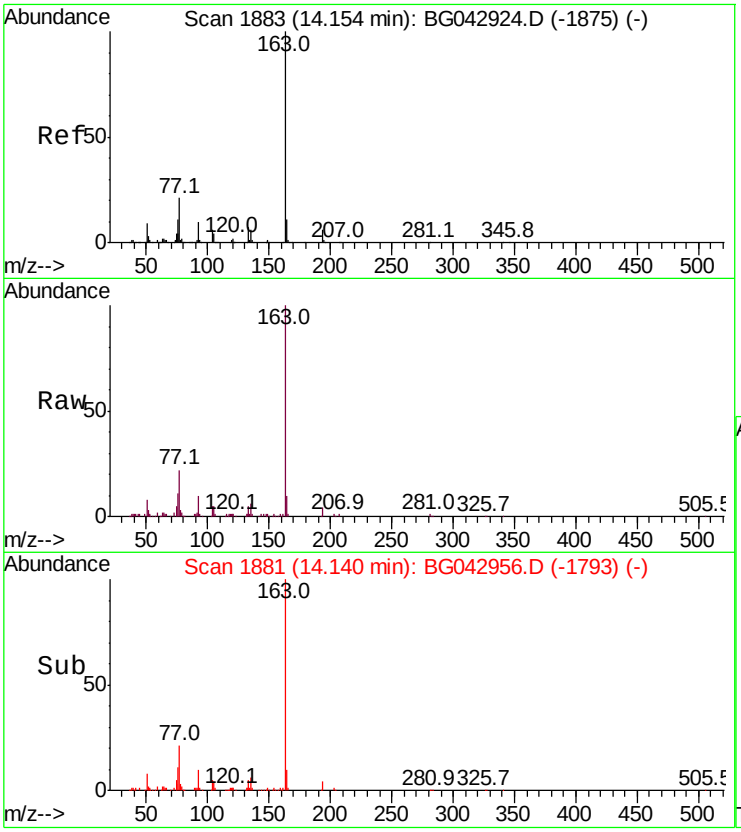


#49
Acenaphthylene
Concen: 2.007 ng
RT: 14.41 min Scan# 1927
Delta R.T. -0.01 min
Lab File: BG042956.D
Acq: 1 Oct 2019 00:40

Tgt Ion:152 Resp: 30183

Ion	Ratio	Lower	Upper
152	100		
151	21.1	16.8	25.2
153	14.4	11.3	16.9



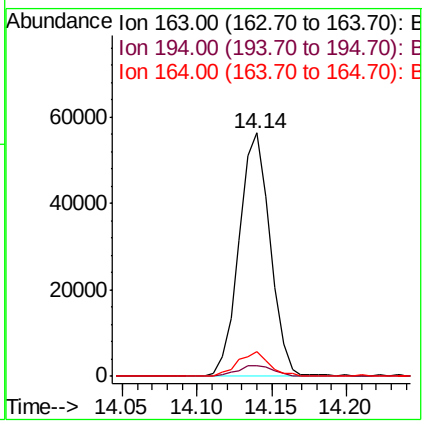


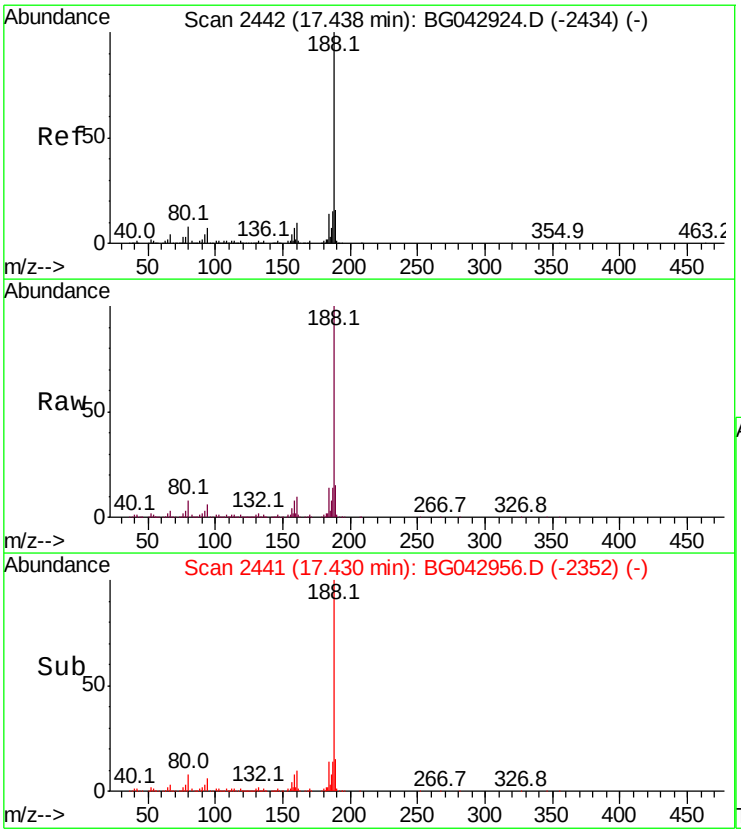
#50
Dimethylphthalate
Concen: 6.254 ng
RT: 14.14 min Scan# 1881
Delta R.T. -0.01 min
Lab File: BG042956.D
Acq: 1 Oct 2019 00:40

Instrument :
BNA_G
ClientSampleId :
PAT-091019-B

Tgt Ion:163 Resp: 81024

Ion	Ratio	Lower	Upper
163	100		
194	4.3	4.4	6.6#
164	9.9	8.6	12.8

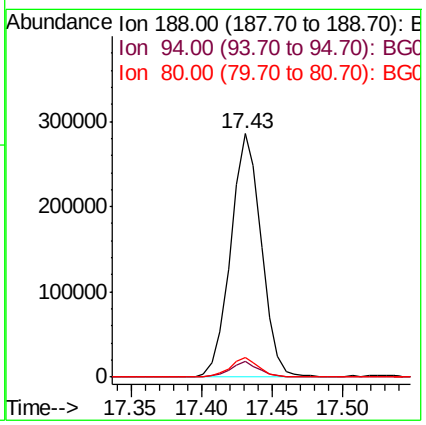


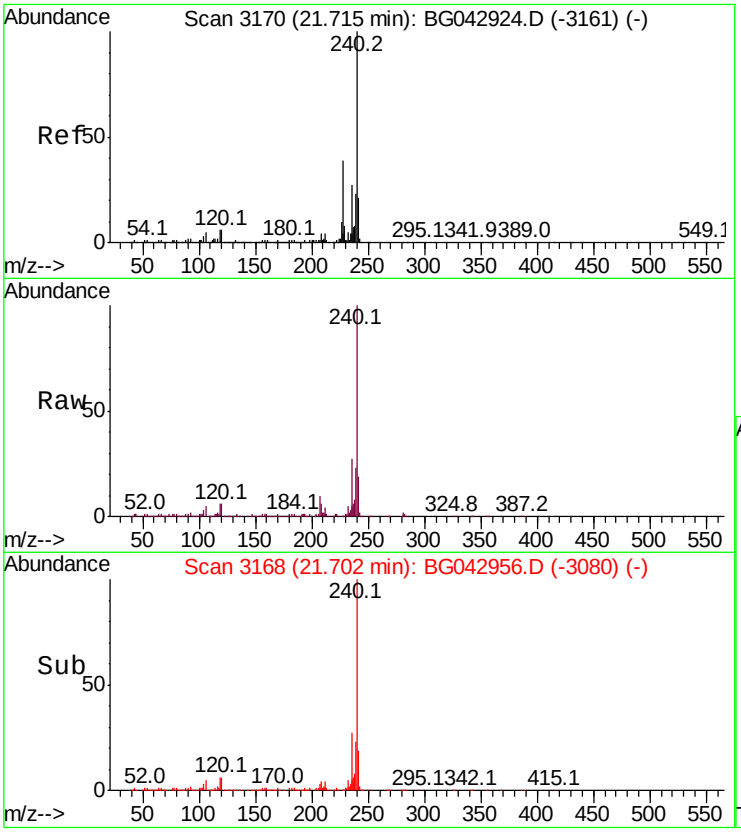


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.01 min
Lab File: BG042956.D
Acq: 1 Oct 2019 00:40

Tgt Ion:188 Resp: 430685

Ion	Ratio	Lower	Upper
188	100		
94	6.3	5.7	8.5
80	8.3	6.5	9.7



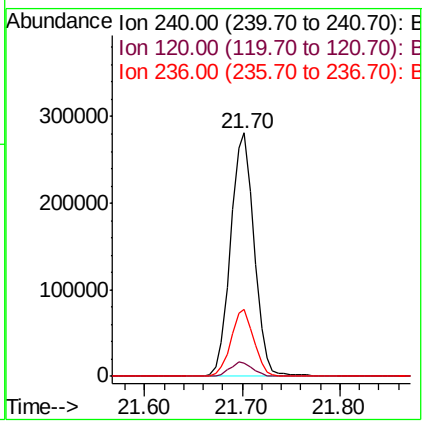


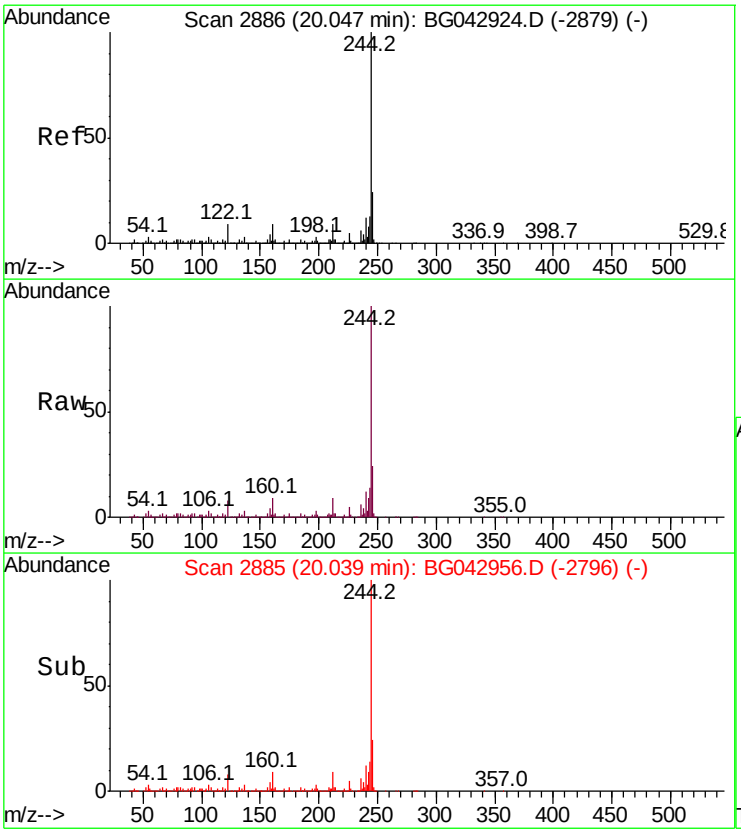
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3168
Delta R.T. -0.01 min
Lab File: BG042956.D
Acq: 1 Oct 2019 00:40

Instrument :
BNA_G
ClientSampleId :
PAT-091019-B

Tgt Ion:240 Resp: 470582

Ion	Ratio	Lower	Upper
240	100		
120	5.6	4.8	7.2
236	27.4	21.4	32.0

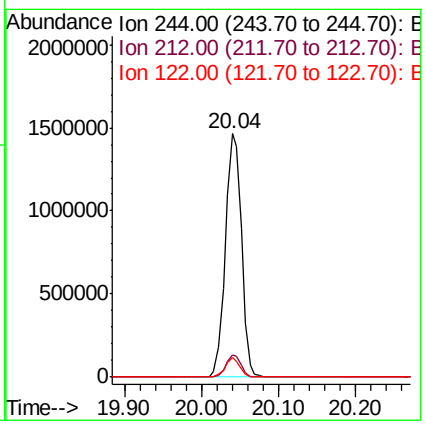


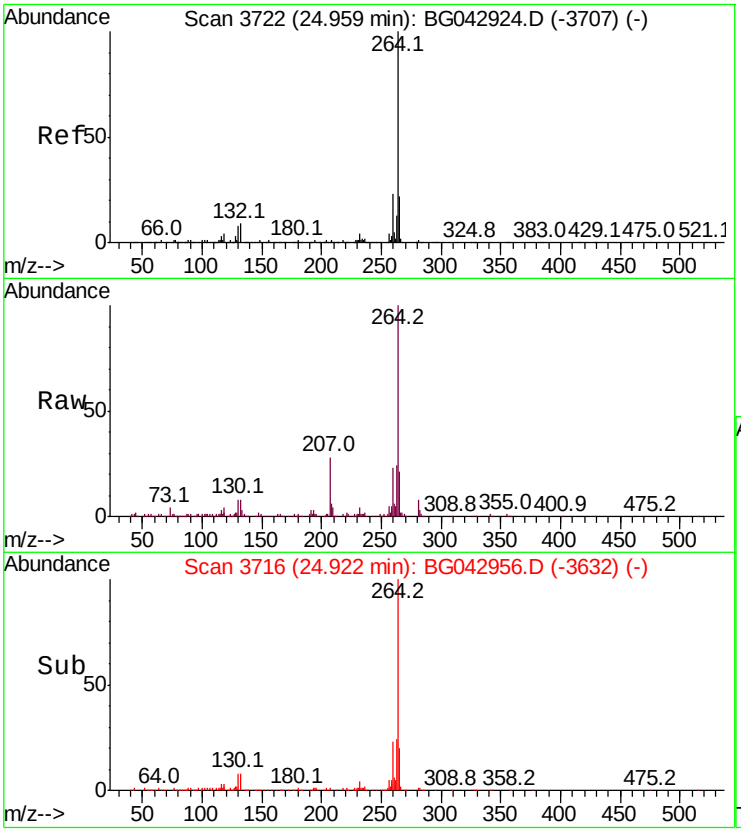


#79
Terphenyl-d14
Concen: 96.579 ng
RT: 20.04 min Scan# 2885
Delta R.T. -0.01 min
Lab File: BG042956.D
Acq: 1 Oct 2019 00:40

Tgt Ion:244 Resp: 2132852

Ion	Ratio	Lower	Upper
244	100		
212	9.1	7.4	11.0
122	8.1	7.0	10.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.92 min Scan# 3716
Delta R.T. -0.04 min
Lab File: BG042956.D
Acq: 1 Oct 2019 00:40

Instrument :
BNA_G
ClientSampleId :
PAT-091019-B

Tgt Ion:264 Resp: 242992

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.7	28.1
265	20.6	17.7	26.5