Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091219\
Data File : BG042798.D
Acq On : 13 Sep 2019 1:19
Operator : HP/JU
Sample : K4712-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-4-14-16

Quant Time: Sep 13 08:24:43 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 12 14:06:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	87543	20.00	ng		0.00
21) Naphthalene-d8	10.93	136	341980	20.00	ng		0.00
39) Acenaphthene-d10	14.74	164	234796	20.00	ng		0.00
64) Phenanthrene-d10	17.48	188	543289	20.00	ng		0.00
76) Chrysene-d12	21.75	240	558951	20.00	ng		-0.01
87) Perylene-d12	25.02	264	611783	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.68	112	335619	66.65	ng		0.00
7) Phenol-d6	7.26	99	317907	43.99	ng		0.00
23) Nitrobenzene-d5	9.28	82	615679	93.73	ng		0.00
42) 2,4,6-Tribromophenol	16.22	330	432840	138.56	ng		0.00
45) 2-Fluorobiphenyl	13.37	172	1336954	90.13	ng		0.00
79) Terphenyl-d14	20.09	244	2273484	90.15	ng		0.00
Target Compounds							Qvalue
10) Phenol	7.29	94	20109	2.713	ng		93
50) Dimethylphthalate	14.18	163	152960	8.696	ng	#	98
52) Acenaphthene	14.80	154	29348	2.162	ng		99

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

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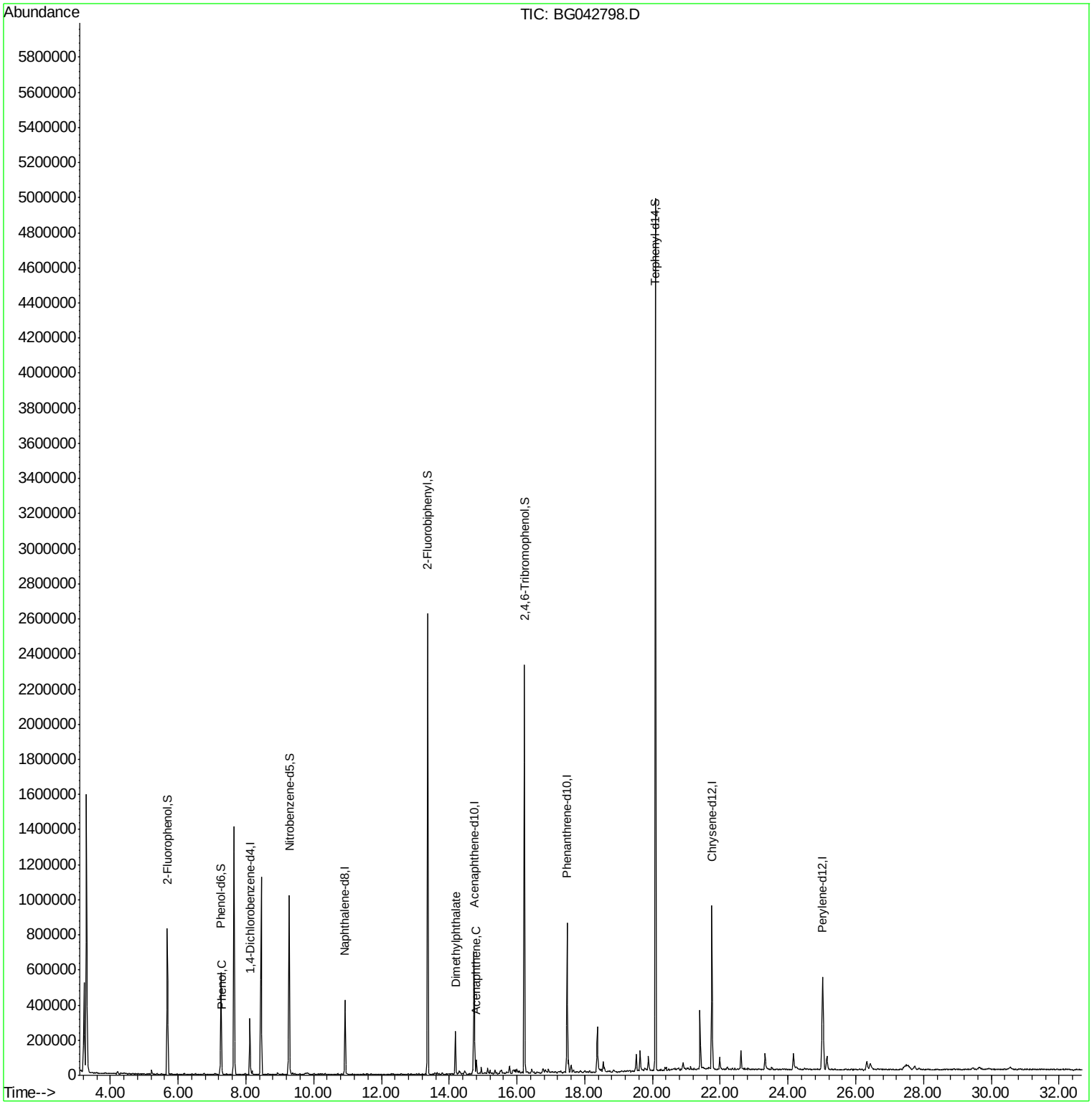
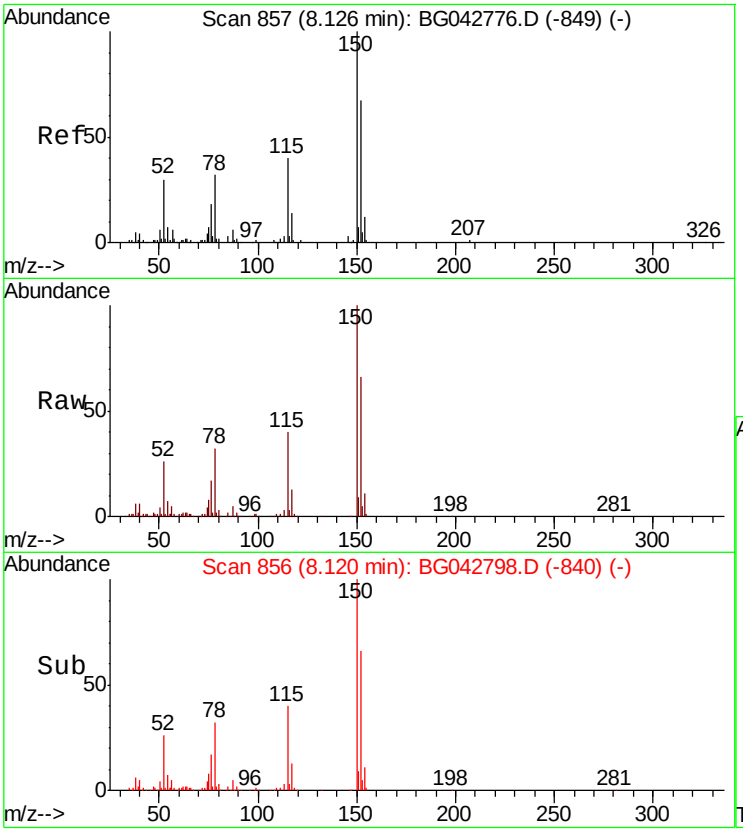


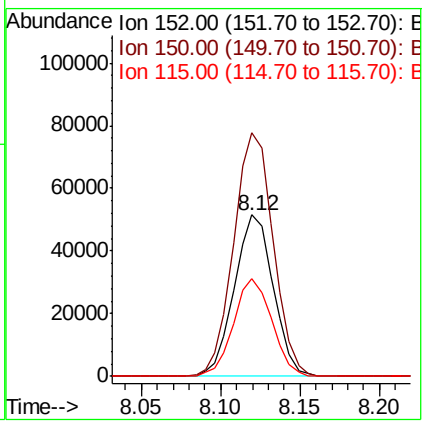


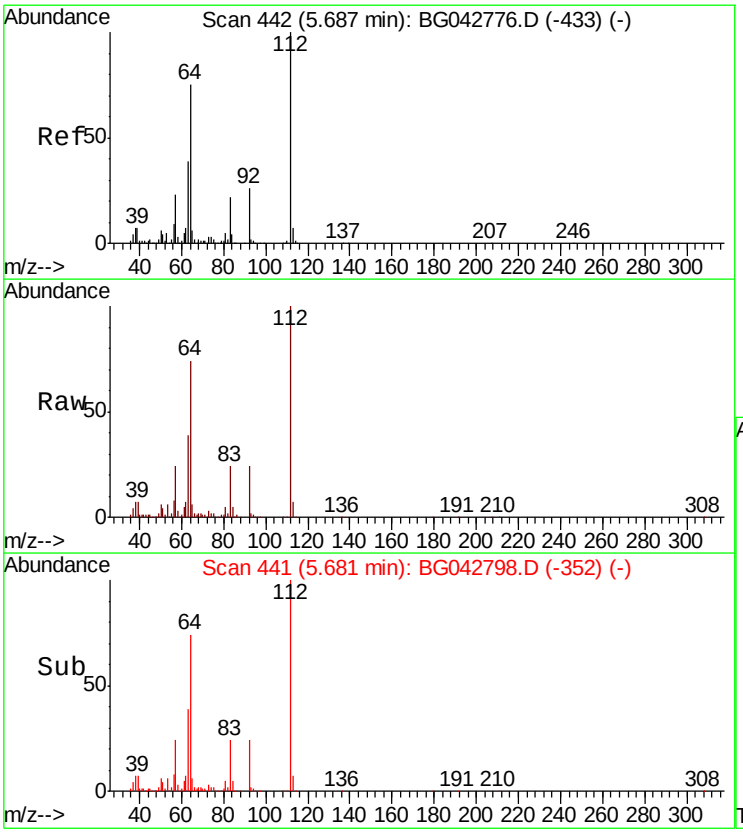
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BG042798.D
Acq: 13 Sep 2019 1:19

Instrument :
BNA_G
ClientSampleId :
SB-4-14-16

Tgt Ion:152 Resp: 87543

Ion	Ratio	Lower	Upper
152	100		
150	151.1	118.9	178.3
115	60.6	47.4	71.2

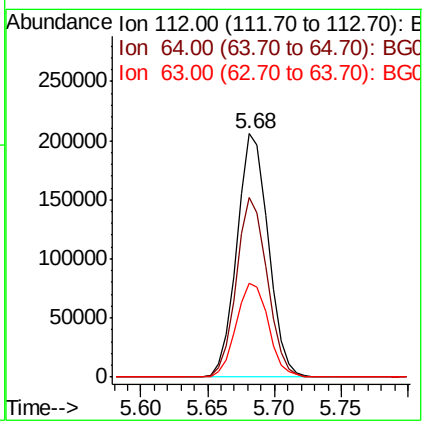


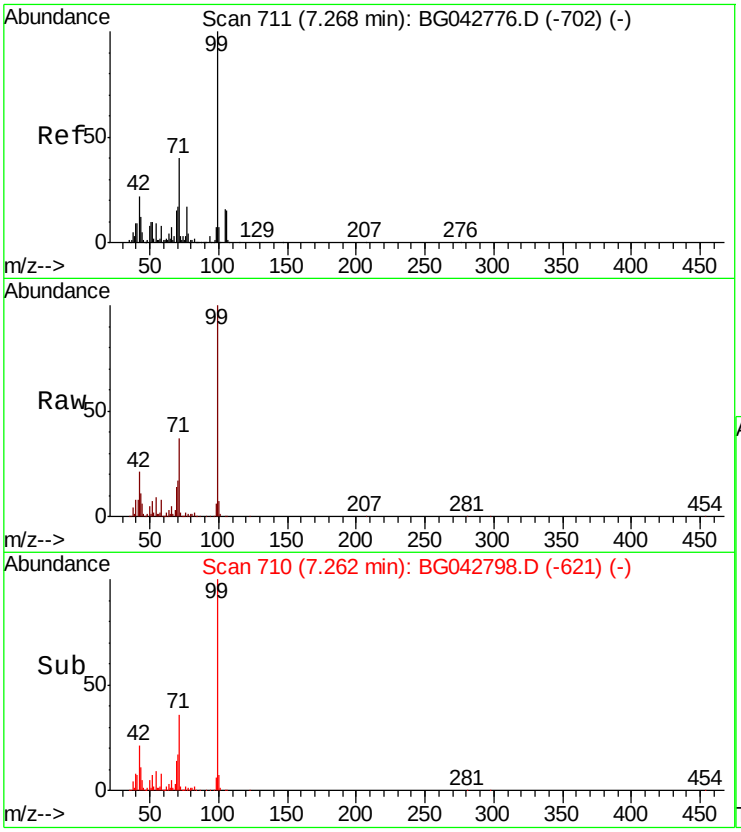


#5
2-Fluorophenol
Concen: 66.652 ng
RT: 5.68 min Scan# 441
Delta R.T. -0.01 min
Lab File: BG042798.D
Acq: 13 Sep 2019 1:19

Tgt Ion:112 Resp: 335619

Ion	Ratio	Lower	Upper
112	100		
64	74.0	60.2	90.2
63	38.5	31.2	46.8



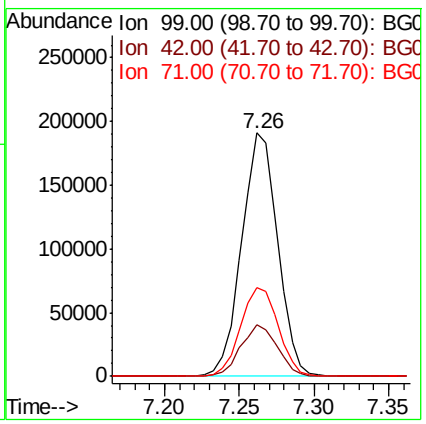


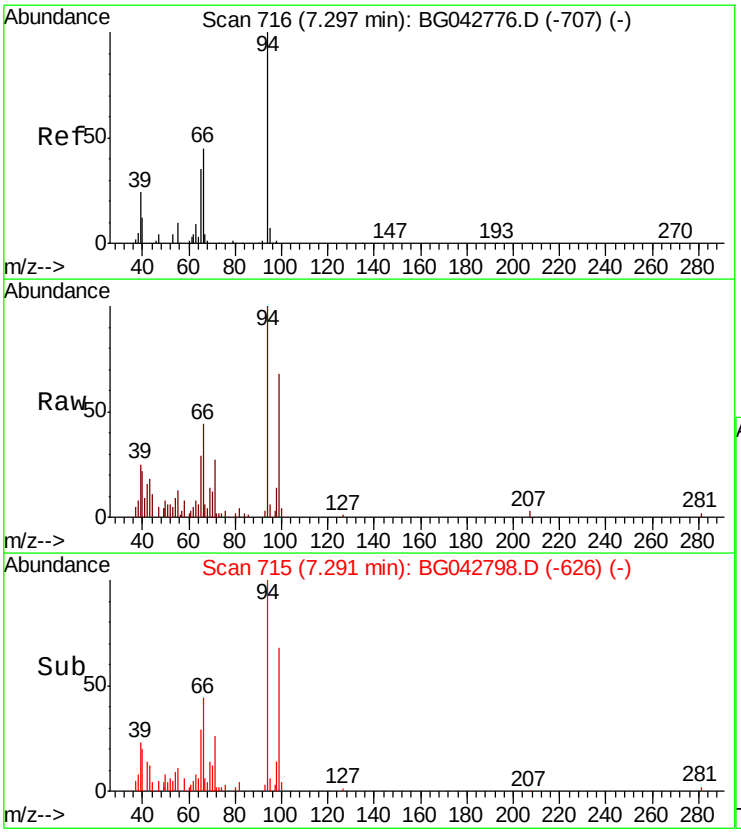
#7
Phenol-d6
Concen: 43.986 ng
RT: 7.26 min Scan# 710
Delta R.T. -0.01 min
Lab File: BG042798.D
Acq: 13 Sep 2019 1:19

Instrument :
BNA_G
ClientSampleId :
SB-4-14-16

Tgt Ion: 99 Resp: 317907

Ion	Ratio	Lower	Upper
99	100		
42	21.2	17.5	26.3
71	36.6	32.0	48.0

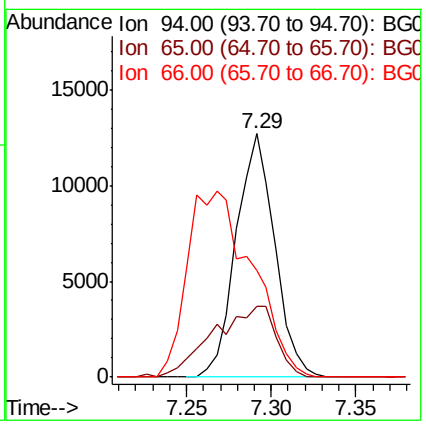


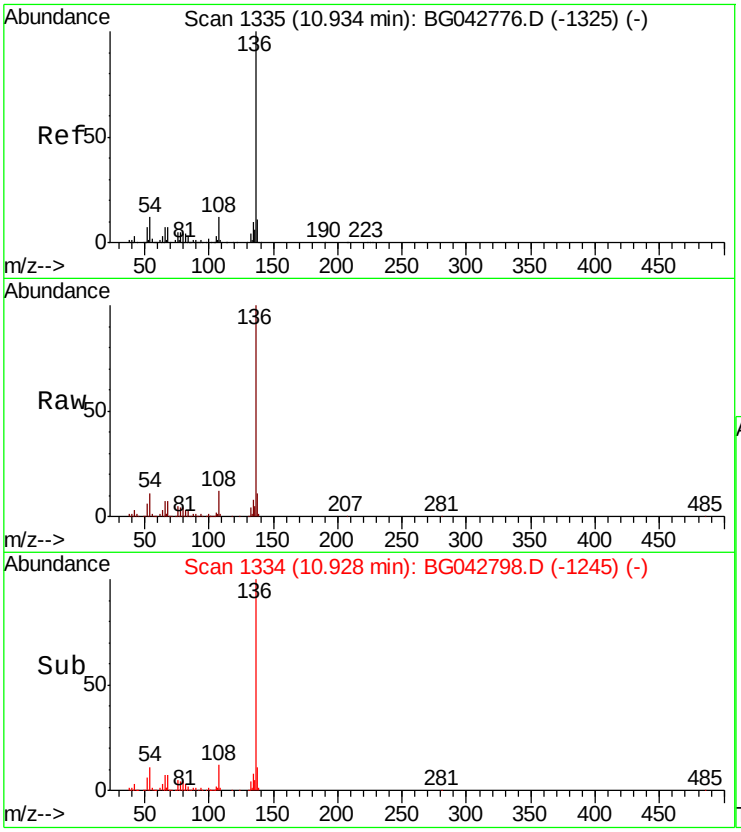


#10
Phenol
Concen: 2.713 ng
RT: 7.29 min Scan# 715
Delta R.T. -0.01 min
Lab File: BG042798.D
Acq: 13 Sep 2019 1:19

Tgt Ion: 94 Resp: 20109

Ion	Ratio	Lower	Upper
94	100		
65	29.1	15.0	55.0
66	43.6	26.1	66.1



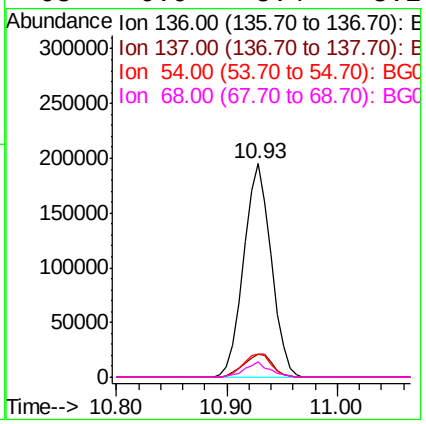


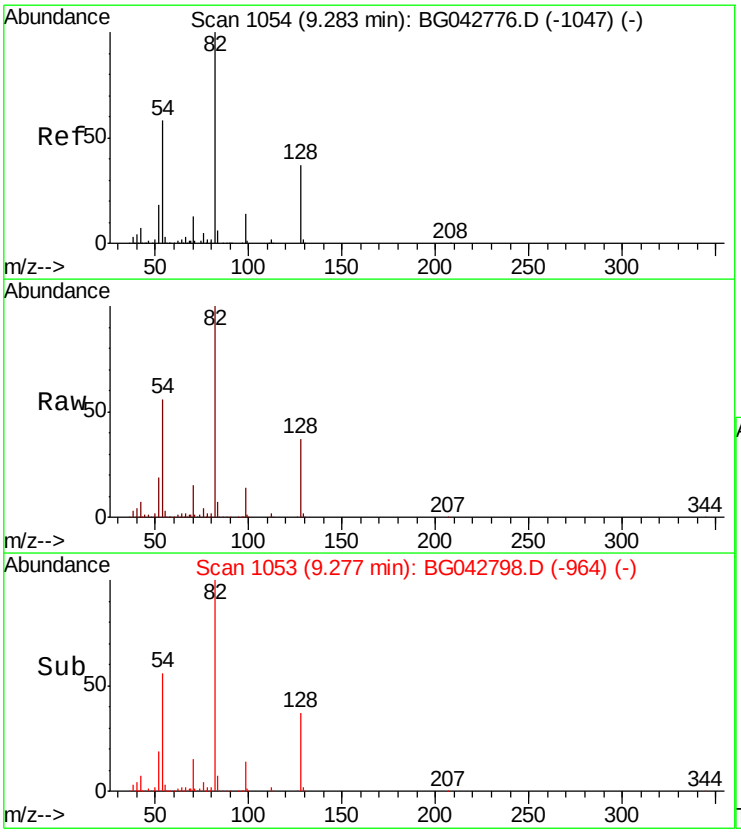
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BG042798.D
Acq: 13 Sep 2019 1:19

Instrument :
BNA_G
ClientSampleId :
SB-4-14-16

Tgt Ion:136 Resp: 341980

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.6
54	11.0	9.4	14.0
68	6.9	5.4	8.2

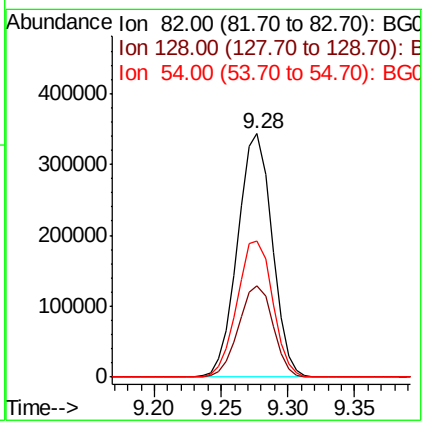


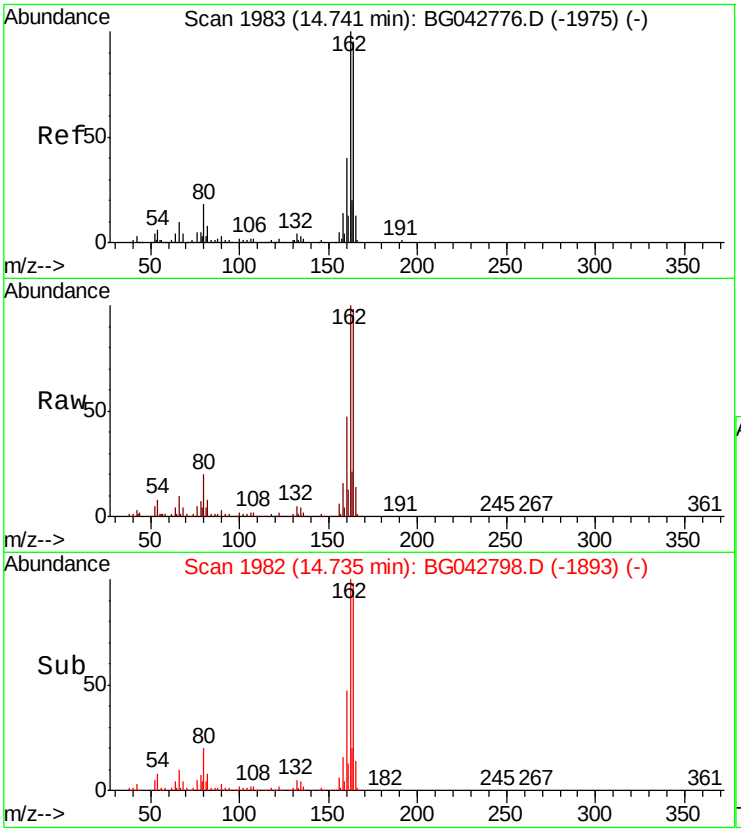


#23
Nitrobenzene-d5
Concen: 93.730 ng
RT: 9.28 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BG042798.D
Acq: 13 Sep 2019 1:19

Tgt Ion: 82 Resp: 615679

Ion	Ratio	Lower	Upper
82	100		
128	37.3	29.8	44.8
54	56.1	46.1	69.1



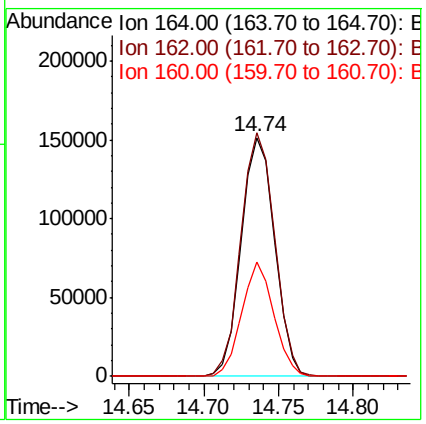


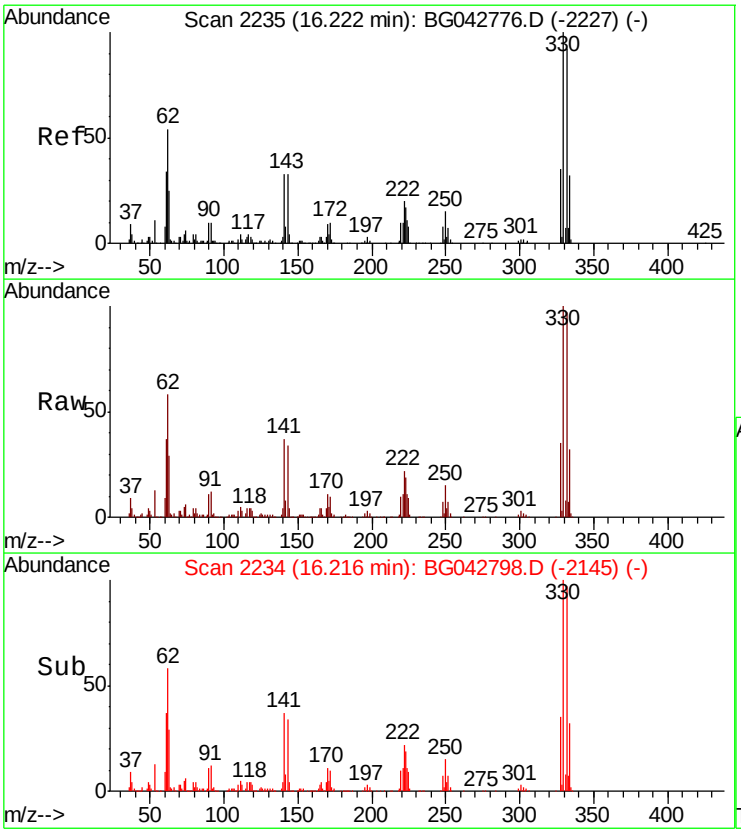
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.74 min Scan# 1982
Delta R.T. -0.01 min
Lab File: BG042798.D
Acq: 13 Sep 2019 1:19

Instrument :
BNA_G
ClientSampleId :
SB-4-14-16

Tgt Ion:164 Resp: 234796

Ion	Ratio	Lower	Upper
164	100		
162	101.8	84.6	126.8
160	47.8	34.2	51.2

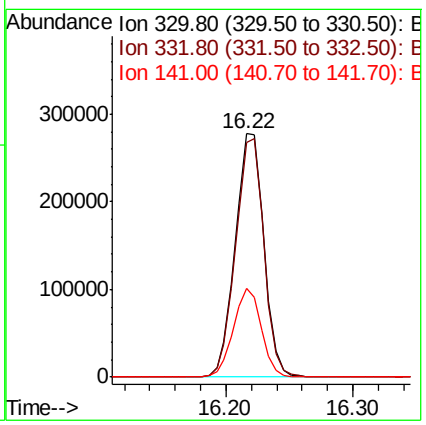


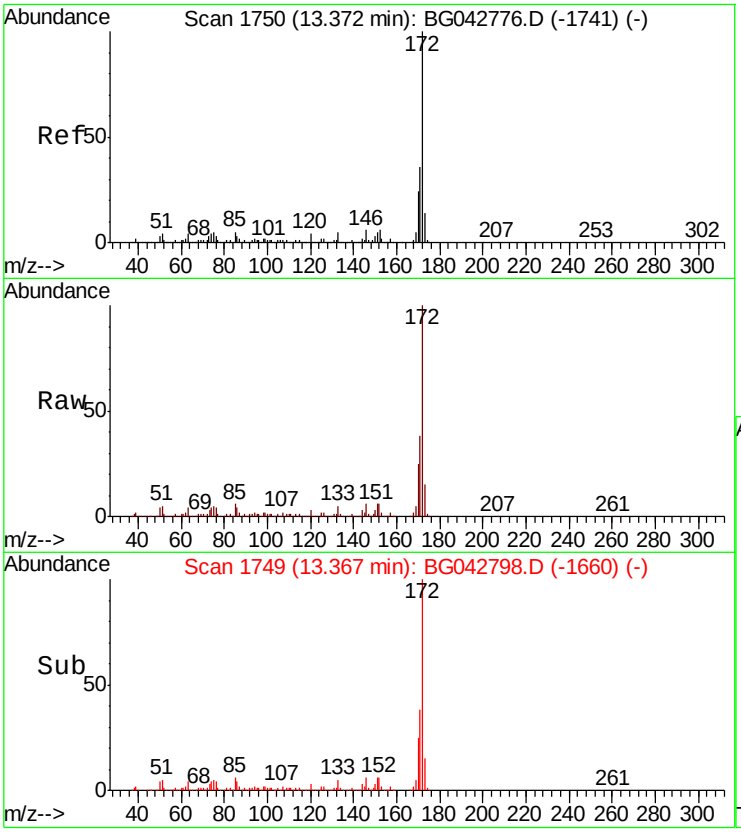


#42
2,4,6-Tribromophenol
Concen: 138.563 ng
RT: 16.22 min Scan# 2234
Delta R.T. -0.01 min
Lab File: BG042798.D
Acq: 13 Sep 2019 1:19

Tgt Ion:330 Resp: 432840

Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.7	115.1
141	35.5	27.0	40.6



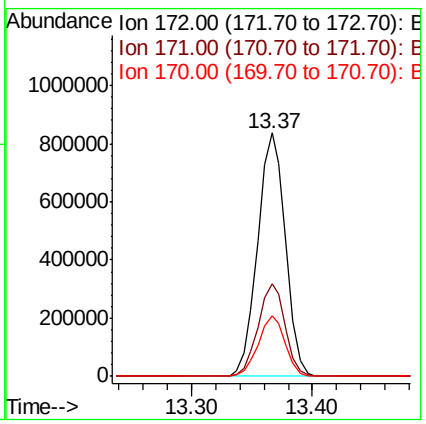


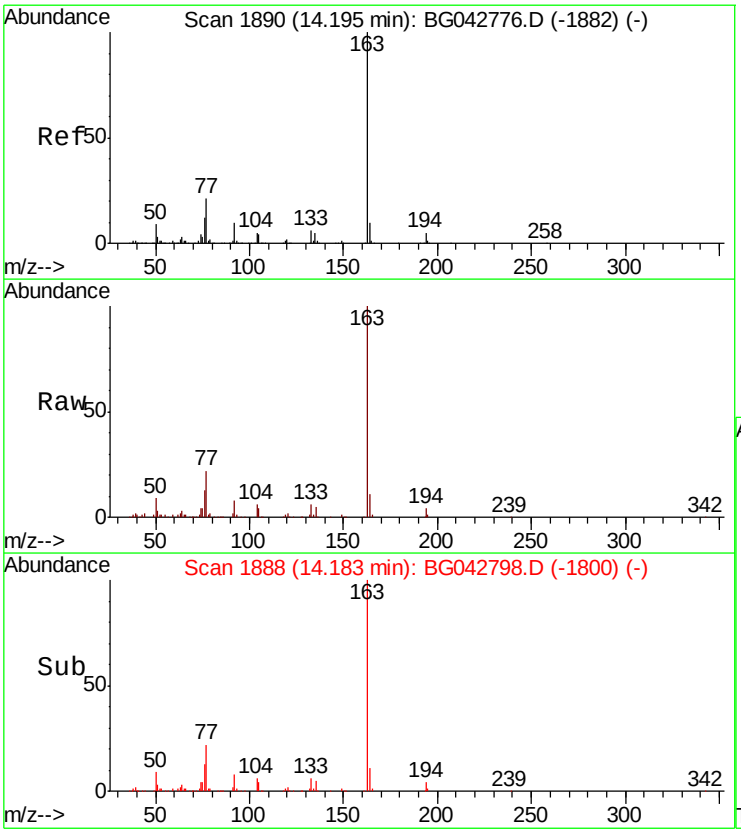
#45
2-Fluorobiphenyl
Concen: 90.134 ng
RT: 13.37 min Scan# 1749
Delta R.T. -0.01 min
Lab File: BG042798.D
Acq: 13 Sep 2019 1:19

Instrument :
BNA_G
ClientSampleId :
SB-4-14-16

Tgt Ion:172 Resp: 1336954

Ion	Ratio	Lower	Upper
172	100		
171	38.1	28.9	43.3
170	25.1	19.1	28.7

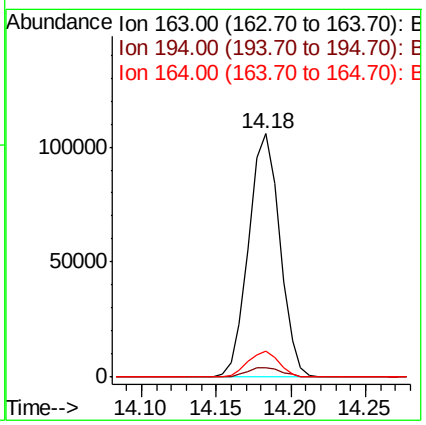


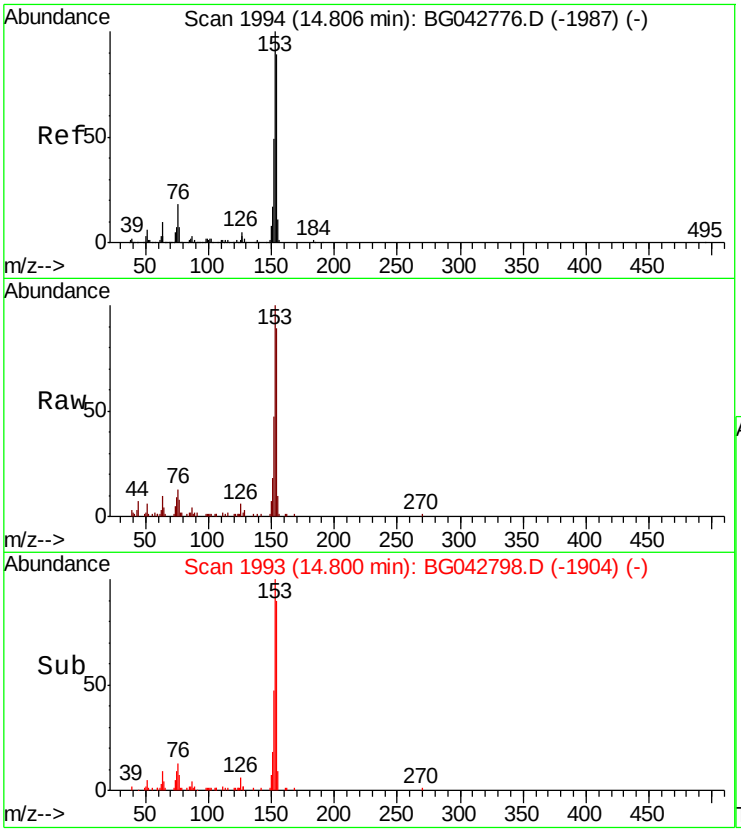


#50
Dimethylphthalate
Concen: 8.696 ng
RT: 14.18 min Scan# 1888
Delta R.T. -0.01 min
Lab File: BG042798.D
Acq: 13 Sep 2019 1:19

Tgt Ion:163 Resp: 152960

Ion	Ratio	Lower	Upper
163	100		
194	3.9	4.2	6.4#
164	10.6	8.4	12.6



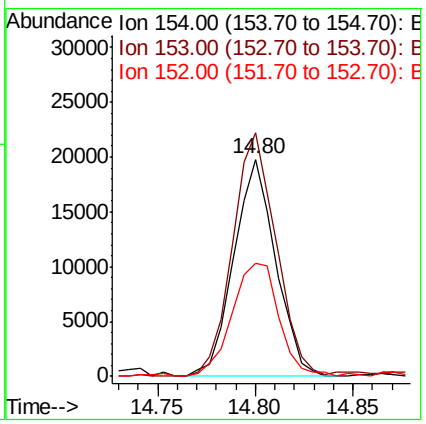


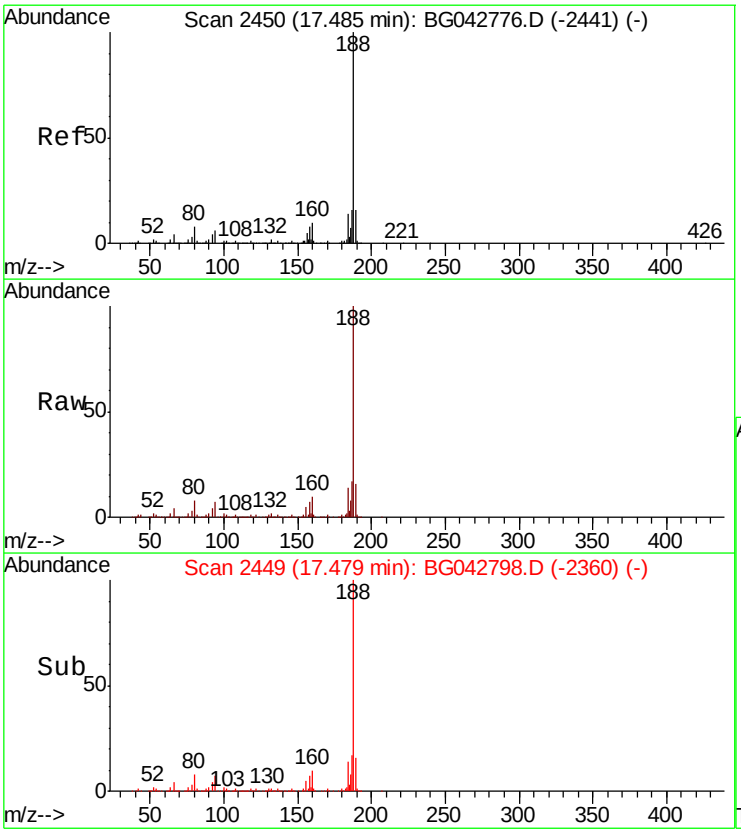
#52
Acenaphthene
Concen: 2.162 ng
RT: 14.80 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BG042798.D
Acq: 13 Sep 2019 1:19

Instrument :
BNA_G
ClientSampleId :
SB-4-14-16

Tgt Ion:154 Resp: 29348

Ion	Ratio	Lower	Upper
154	100		
153	112.3	89.4	134.2
152	52.3	43.5	65.3

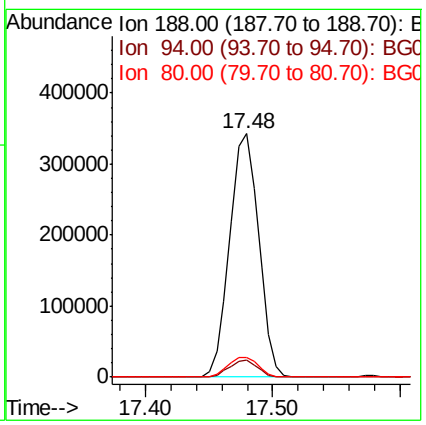


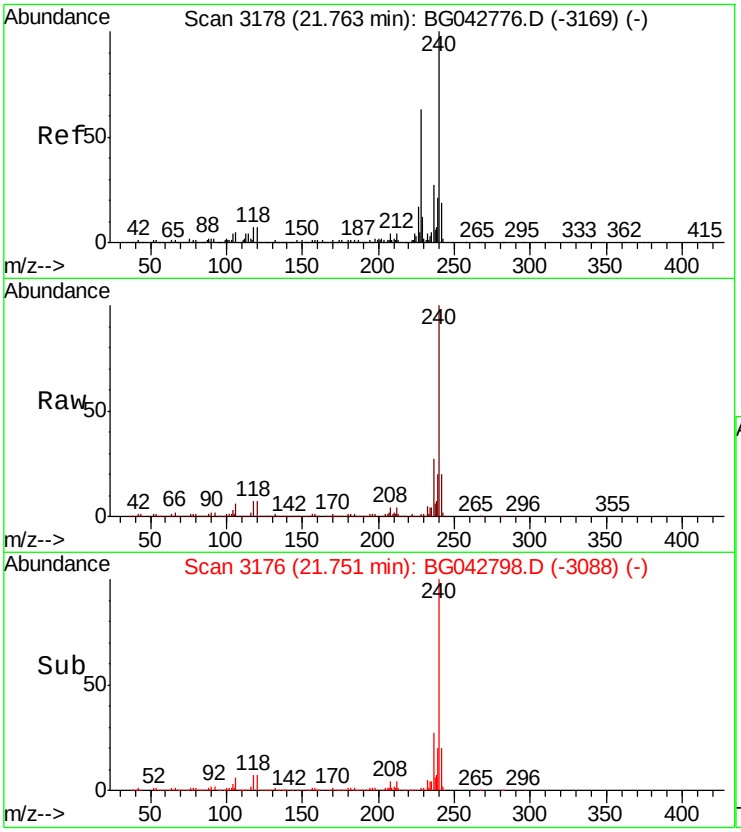


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2449
Delta R.T. -0.01 min
Lab File: BG042798.D
Acq: 13 Sep 2019 1:19

Tgt Ion:188 Resp: 543289

Ion	Ratio	Lower	Upper
188	100		
94	7.1	4.8	7.2
80	8.3	6.6	9.8



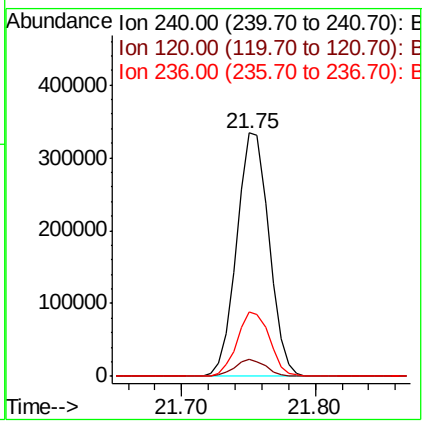


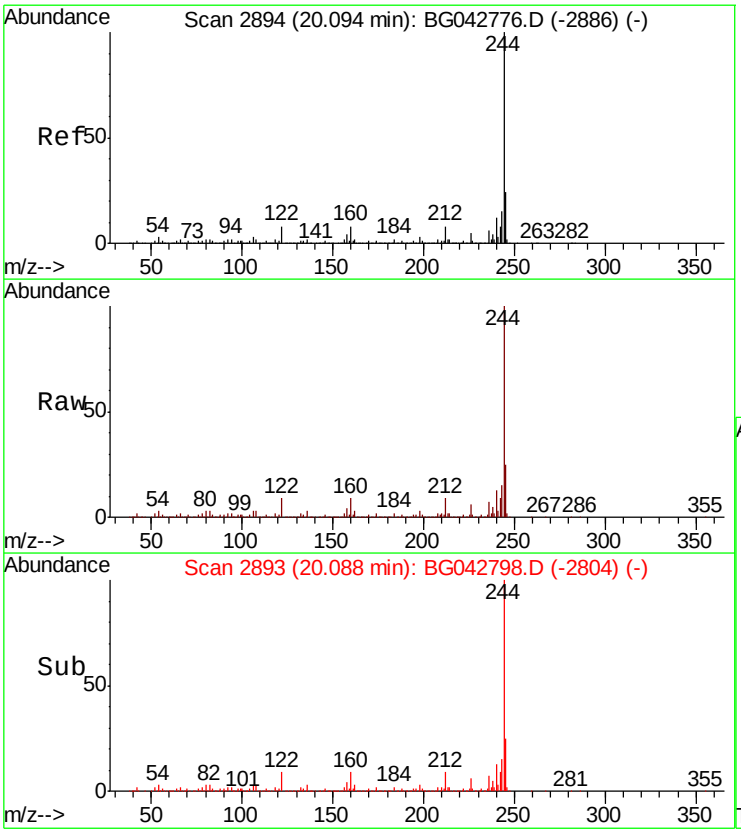
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3176
Delta R.T. -0.01 min
Lab File: BG042798.D
Acq: 13 Sep 2019 1:19

Instrument :
BNA_G
ClientSampleId :
SB-4-14-16

Tgt Ion:240 Resp: 558951

Ion	Ratio	Lower	Upper
240	100		
120	7.2	5.4	8.2
236	26.5	21.7	32.5

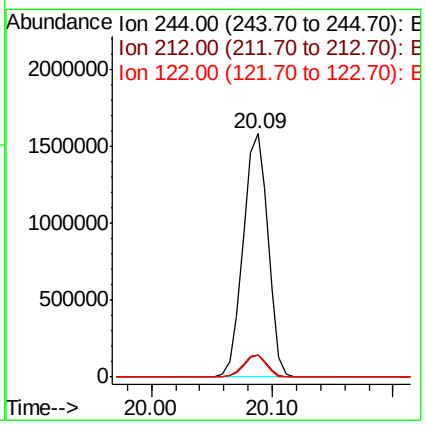


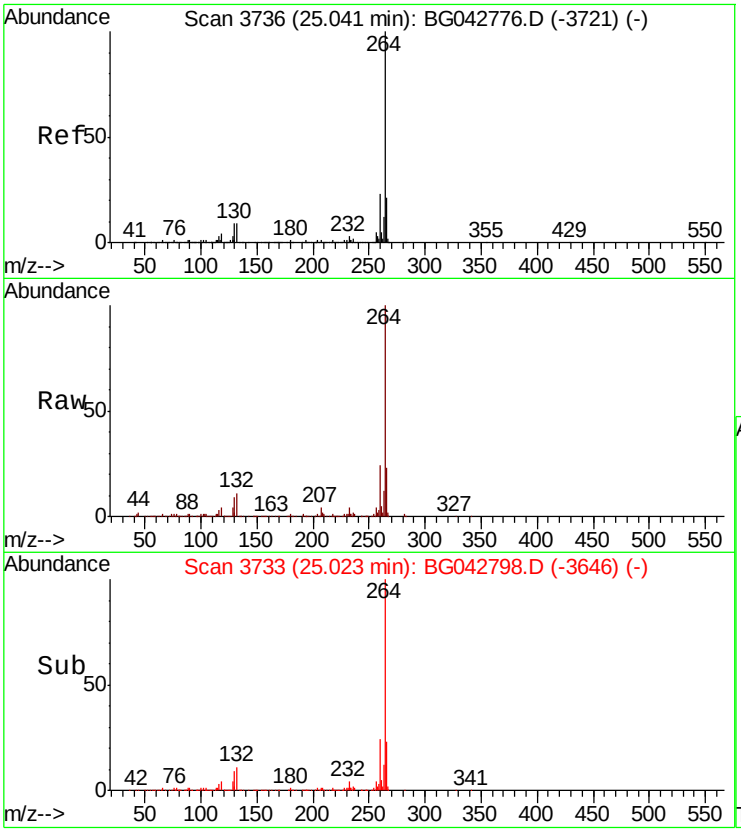


#79
Terphenyl-d14
Concen: 90.145 ng
RT: 20.09 min Scan# 2893
Delta R.T. -0.01 min
Lab File: BG042798.D
Acq: 13 Sep 2019 1:19

Tgt Ion:244 Resp: 2273484

Ion	Ratio	Lower	Upper
244	100		
212	9.3	6.6	10.0
122	9.0	6.2	9.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.02 min Scan# 3733
Delta R.T. -0.02 min
Lab File: BG042798.D
Acq: 13 Sep 2019 1:19

Instrument :
BNA_G
ClientSampleId :
SB-4-14-16

Tgt Ion:264 Resp: 611783

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.2	27.2
265	22.7	16.9	25.3