Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090519\
Data File : BG042735.D
Acq On : 6 Sep 2019 00:30
Operator : HP/JU
Sample : K4683-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 20190666-FIELD-DUPLICATE

Quant Time: Sep 06 07:42:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 22 14:29:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	30631	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	111014	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	79880	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	190448	20.00	ng	0.00
76) Chrysene-d12	21.69	240	226532	20.00	ng	0.00
87) Perylene-d12	24.93	264	267717	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	250402	165.56	ng	0.00
7) Phenol-d6	7.16	99	323920	158.56	ng	0.00
23) Nitrobenzene-d5	9.17	82	182939	113.88	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	213462	188.01	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	609429	129.03	ng	0.00
79) Terphenyl-d14	20.02	244	1185930	113.18	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.19	94	6789	3.268	ng	# 67
50) Dimethylphthalate	14.11	163	49306	8.555	ng	97
84) Bis(2-ethylhexyl)phthalate	21.56	149	31260	4.122	ng	97

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

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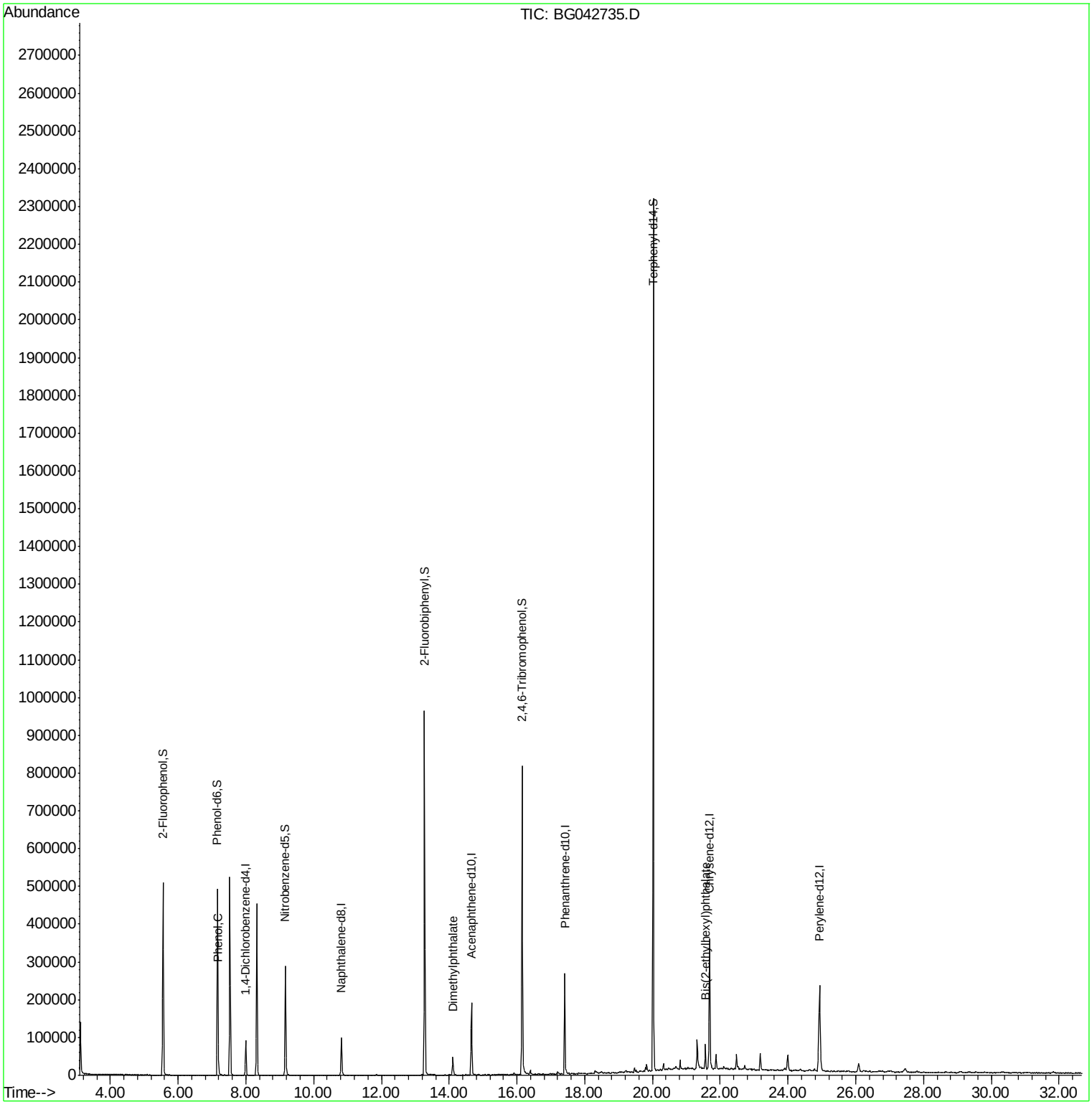
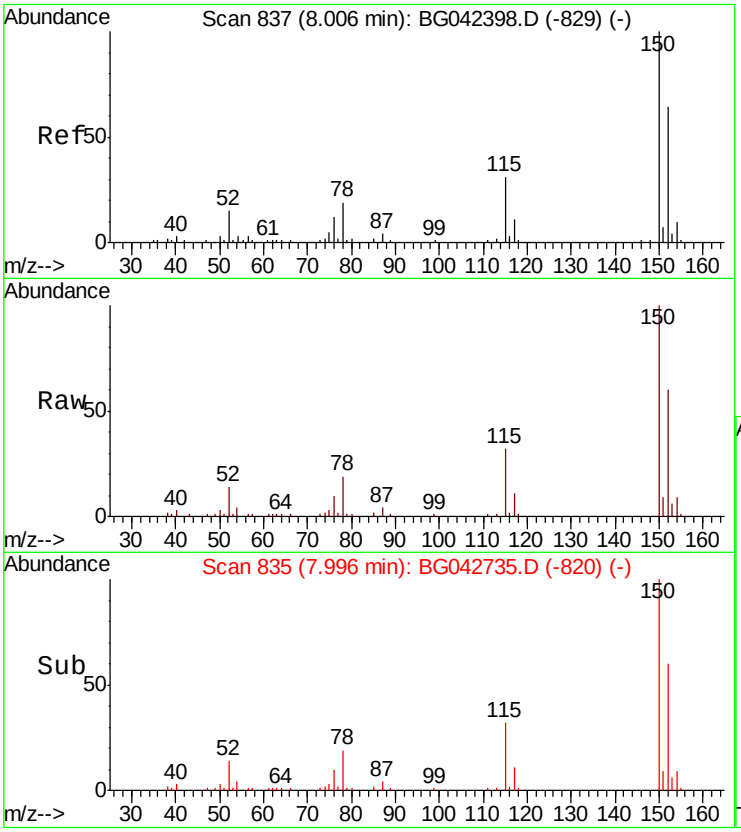


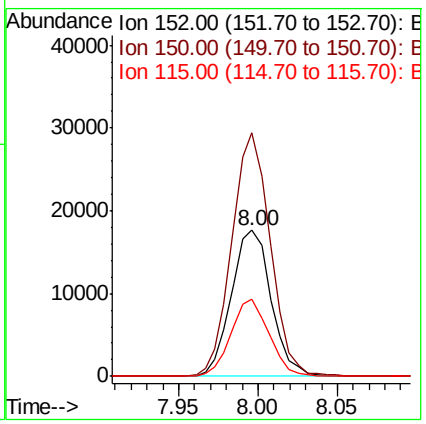


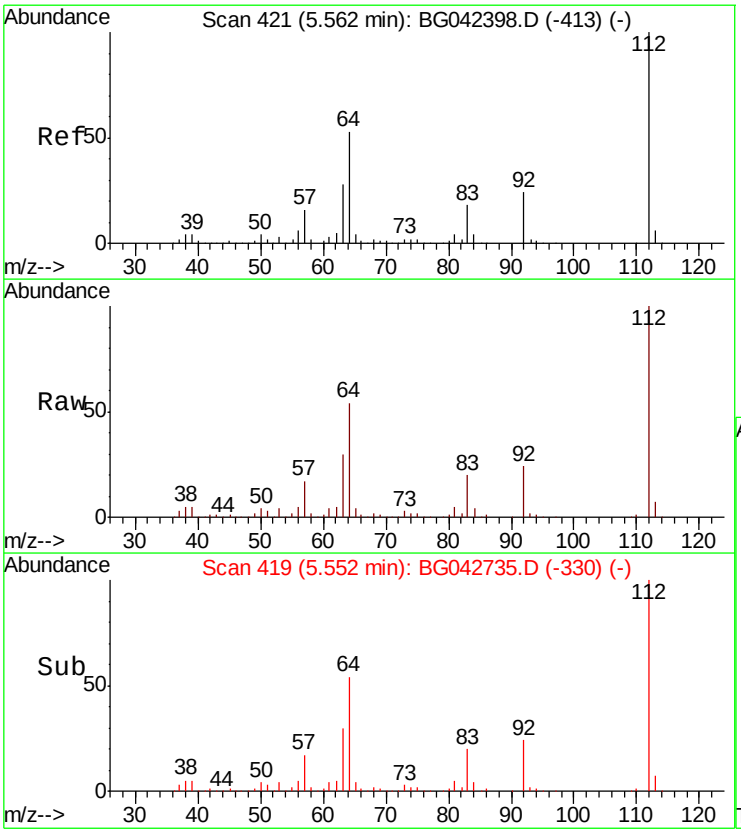
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG042735.D
Acq: 6 Sep 2019 00:30

Instrument :
BNA_G
ClientSampleId :
20190666-FIELD-DUPLICATE

Tgt Ion:152 Resp: 30631

Ion	Ratio	Lower	Upper
152	100		
150	166.5	125.4	188.0
115	53.2	38.5	57.7

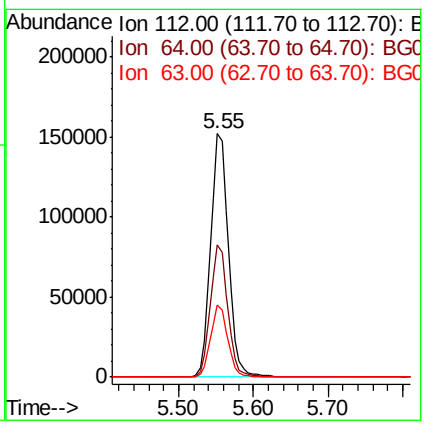


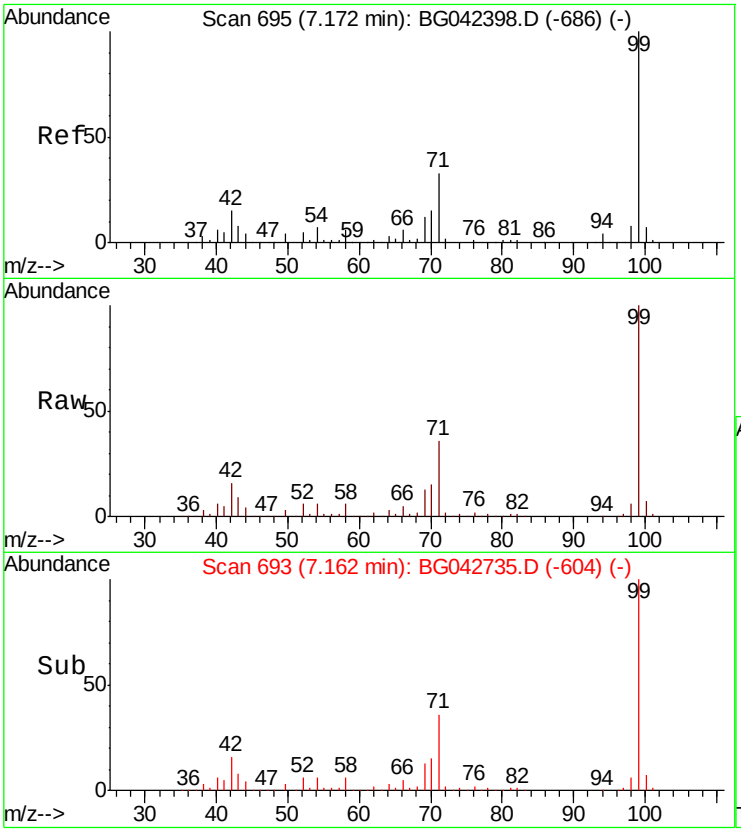


#5
2-Fluorophenol
Concen: 165.563 ng
RT: 5.55 min Scan# 419
Delta R.T. -0.01 min
Lab File: BG042735.D
Acq: 6 Sep 2019 00:30

Tgt Ion:112 Resp: 250402

Ion	Ratio	Lower	Upper
112	100		
64	54.2	42.8	64.2
63	29.9	22.7	34.1



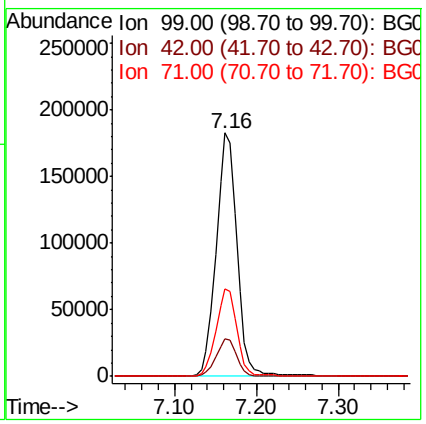


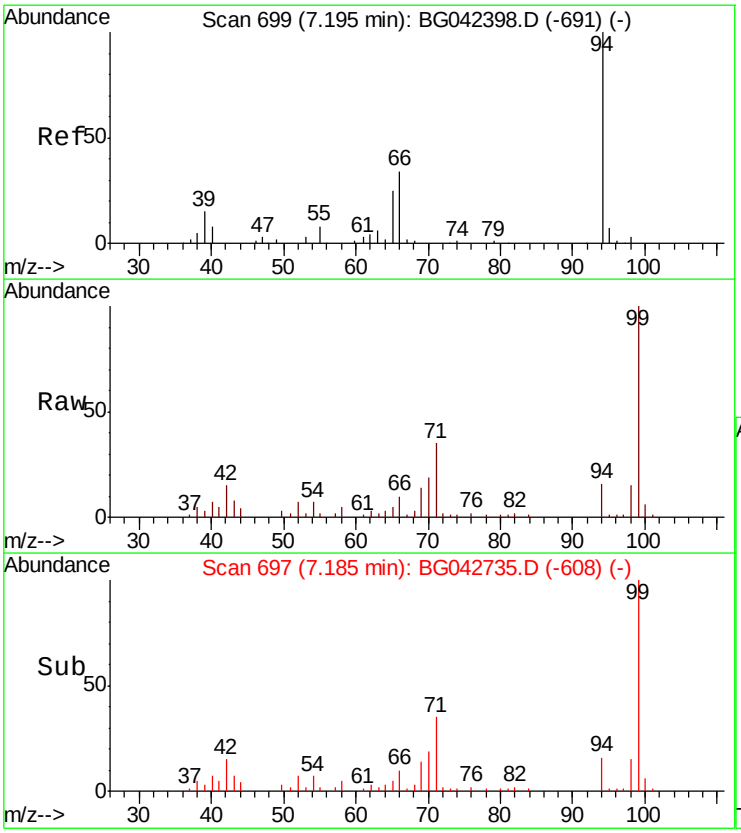
#7
Phenol-d6
Concen: 158.556 ng
RT: 7.16 min Scan# 693
Delta R.T. -0.01 min
Lab File: BG042735.D
Acq: 6 Sep 2019 00:30

Instrument :
BNA_G
ClientSampleId :
20190666-FIELD-DUPLICATE

Tgt Ion: 99 Resp: 323920

Ion	Ratio	Lower	Upper
99	100		
42	15.5	12.0	18.0
71	36.0	26.3	39.5

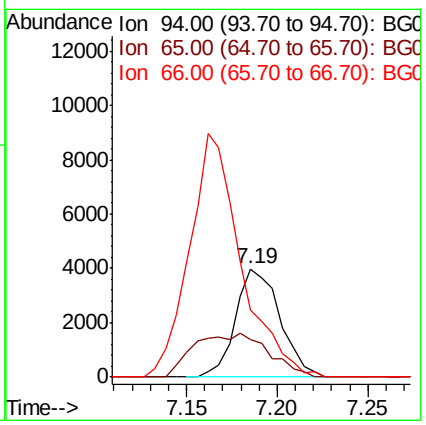


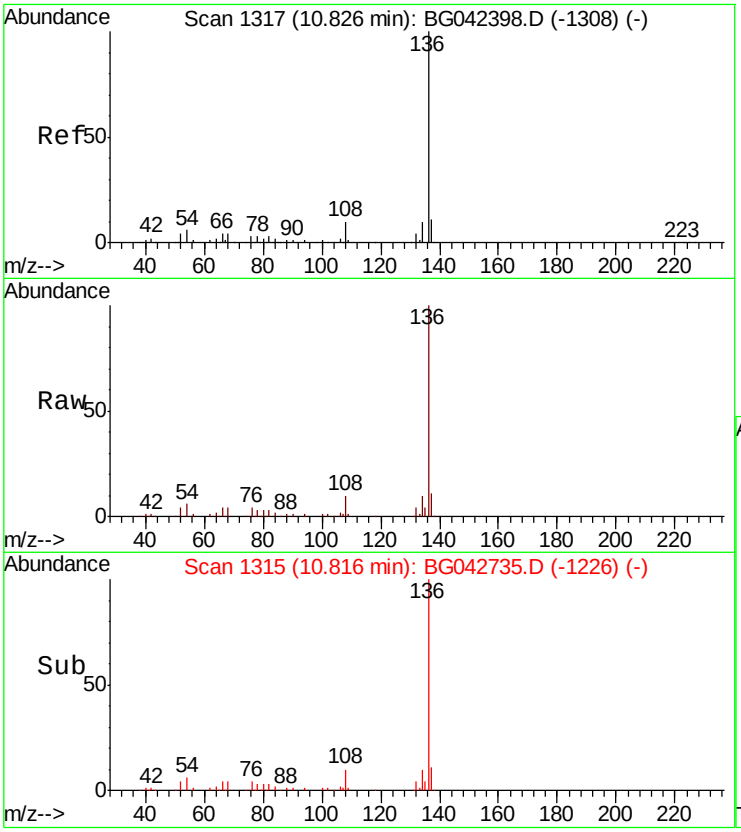


#10
Phenol
Concen: 3.268 ng
RT: 7.19 min Scan# 697
Delta R.T. -0.01 min
Lab File: BG042735.D
Acq: 6 Sep 2019 00:30

Tgt Ion: 94 Resp: 6789

Ion	Ratio	Lower	Upper
94	100		
65	34.5	5.6	45.6
66	61.8	16.0	56.0#



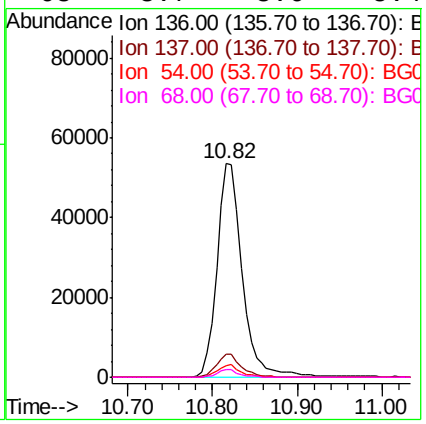


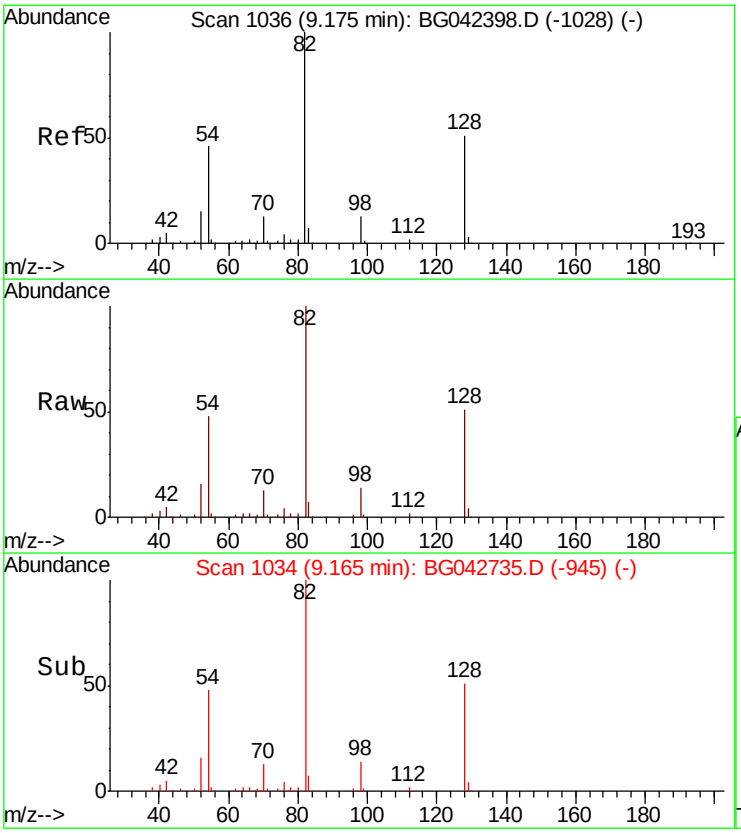
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BG042735.D
Acq: 6 Sep 2019 00:30

Instrument :
BNA_G
ClientSampleId :
20190666-FIELD-DUPLICATE

Tgt Ion:136 Resp: 111014

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	5.5	4.9	7.3
68	3.7	3.6	5.4

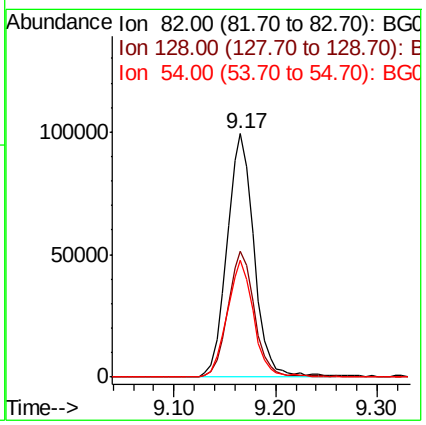


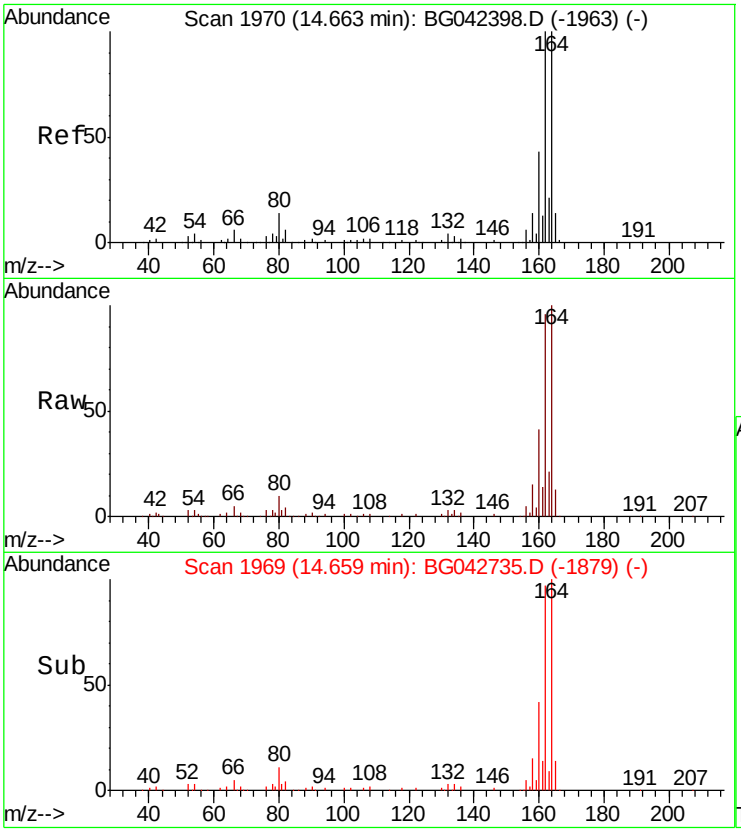


#23
Nitrobenzene-d5
Concen: 113.876 ng
RT: 9.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042735.D
Acq: 6 Sep 2019 00:30

Tgt Ion: 82 Resp: 182939

Ion	Ratio	Lower	Upper
82	100		
128	51.5	40.7	61.1
54	48.2	36.3	54.5



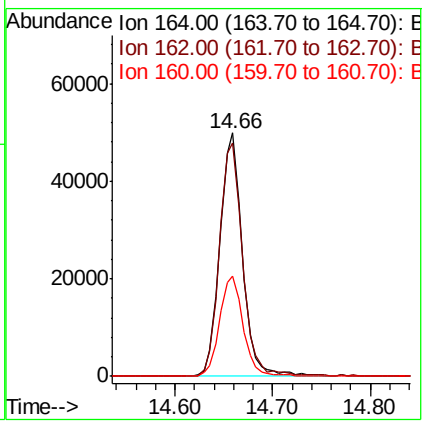


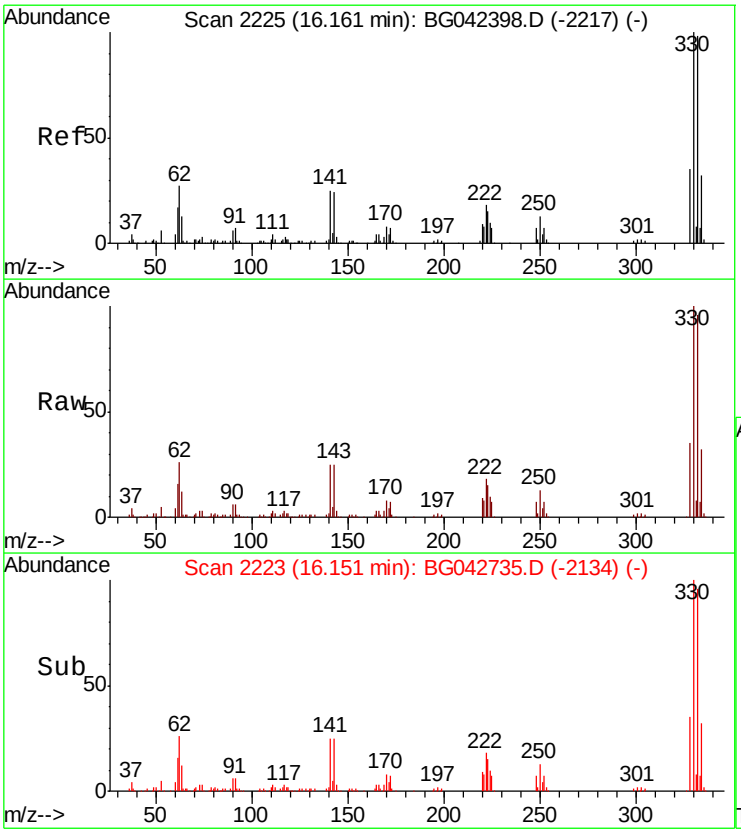
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.00 min
Lab File: BG042735.D
Acq: 6 Sep 2019 00:30

Instrument :
BNA_G
ClientSampleId :
20190666-FIELD-DUPLICATE

Tgt Ion:164 Resp: 79880

Ion	Ratio	Lower	Upper
164	100		
162	95.7	79.9	119.9
160	41.3	34.3	51.5

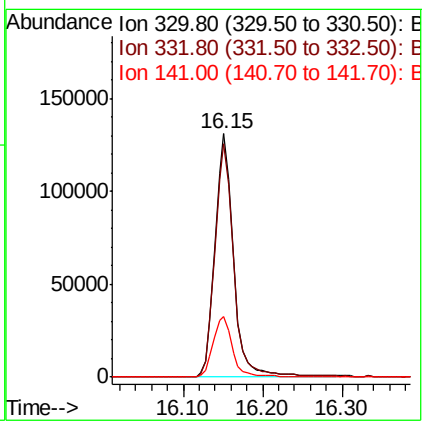


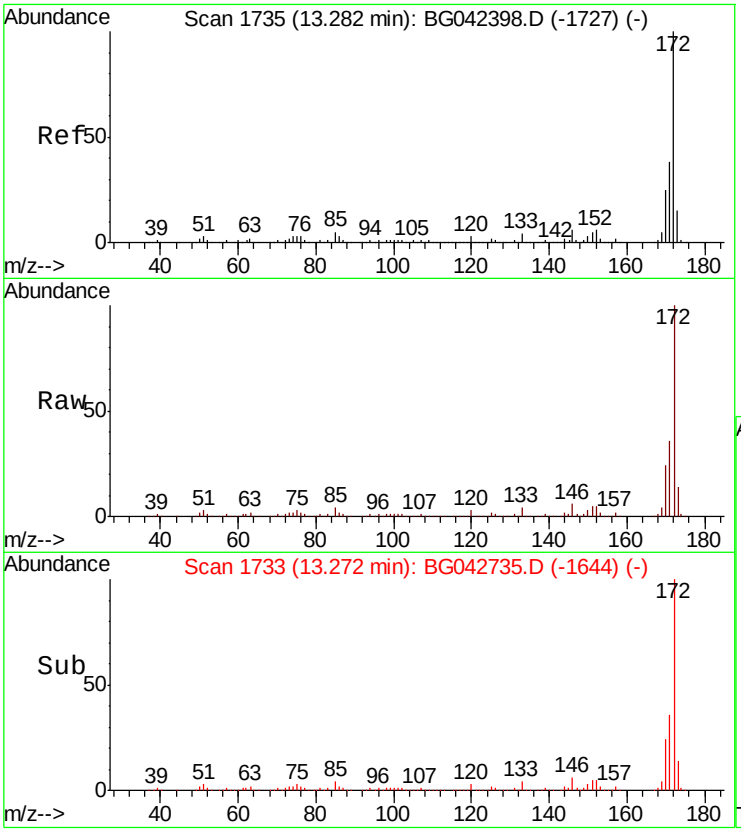


#42
2,4,6-Tribromophenol
Concen: 188.012 ng
RT: 16.15 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BG042735.D
Acq: 6 Sep 2019 00:30

Tgt Ion:330 Resp: 213462

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.4	116.0
141	26.2	21.4	32.0



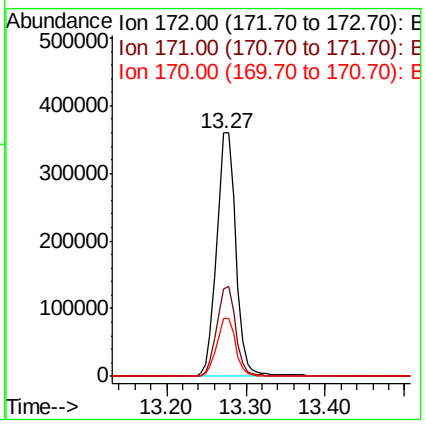


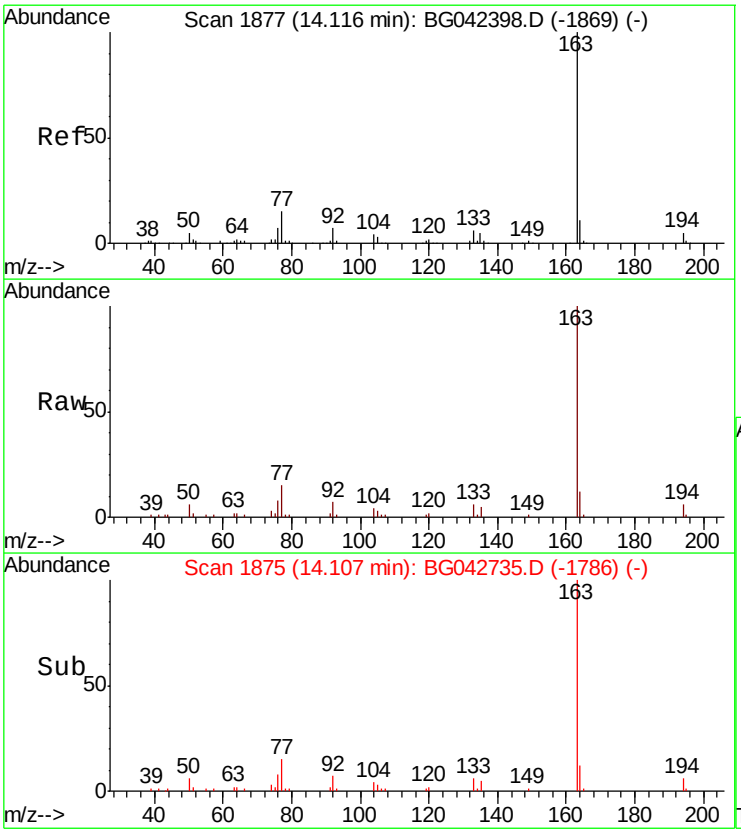
#45
2-Fluorobiphenyl
Concen: 129.033 ng
RT: 13.27 min Scan# 1733
Delta R.T. -0.01 min
Lab File: BG042735.D
Acq: 6 Sep 2019 00:30

Instrument :
BNA_G
ClientSampleId :
20190666-FIELD-DUPLICATE

Tgt Ion:172 Resp: 609429

Ion	Ratio	Lower	Upper
172	100		
171	35.9	30.5	45.7
170	24.0	20.2	30.2

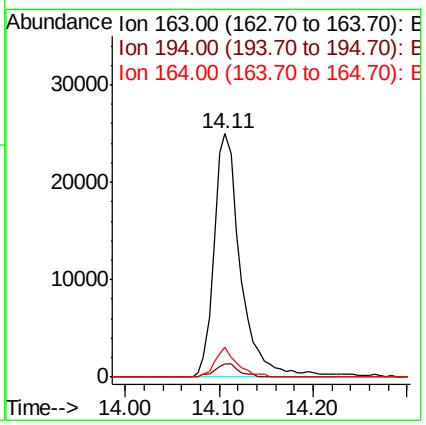


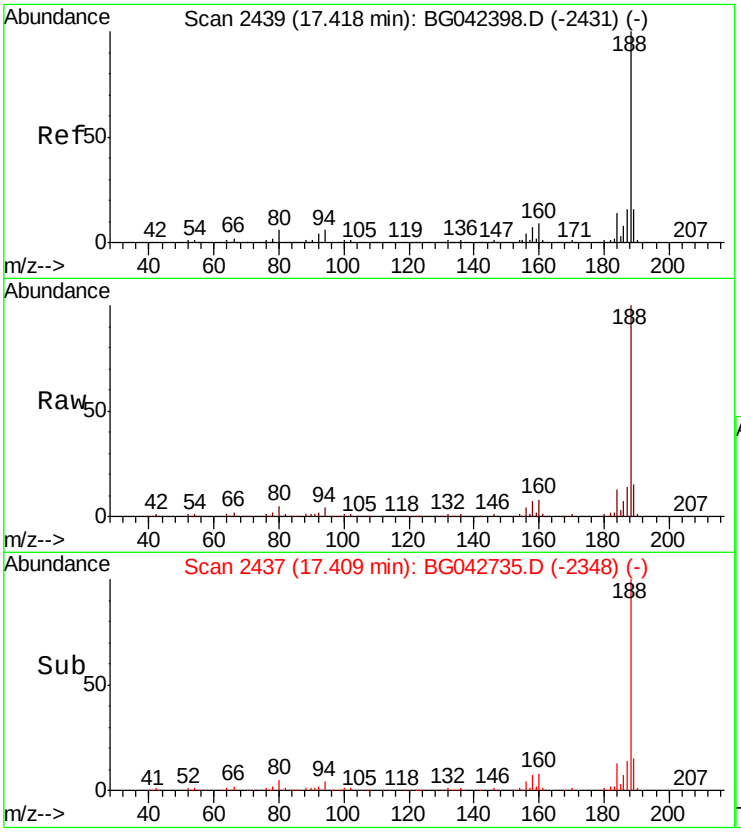


#50
Dimethylphthalate
Concen: 8.555 ng
RT: 14.11 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BG042735.D
Acq: 6 Sep 2019 00:30

Tgt Ion:163 Resp: 49306

Ion	Ratio	Lower	Upper
163	100		
194	5.7	4.2	6.2
164	12.1	8.8	13.2



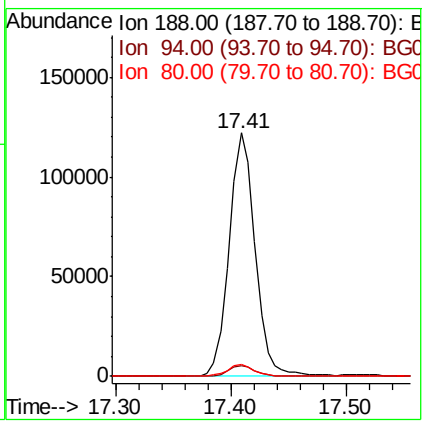


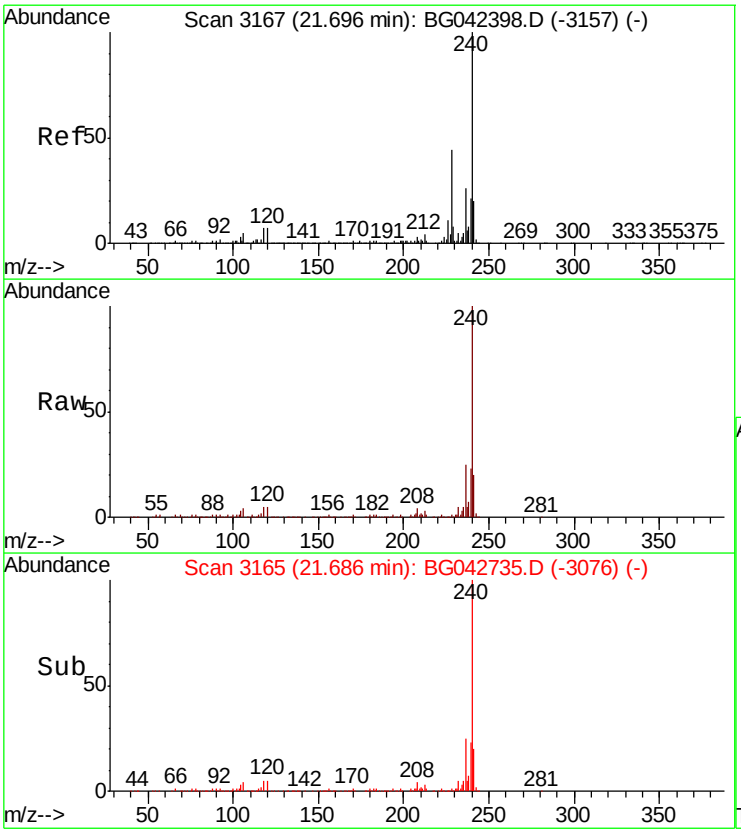
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BG042735.D
Acq: 6 Sep 2019 00:30

Instrument :
BNA_G
ClientSampleId :
20190666-FIELD-DUPLICATE

Tgt Ion:188 Resp: 190448

Ion	Ratio	Lower	Upper
188	100		
94	4.5	4.5	6.7
80	4.8	4.9	7.3#

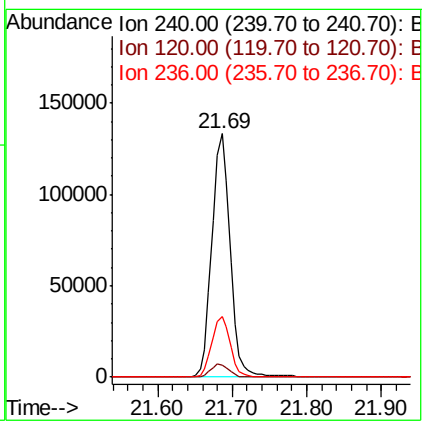


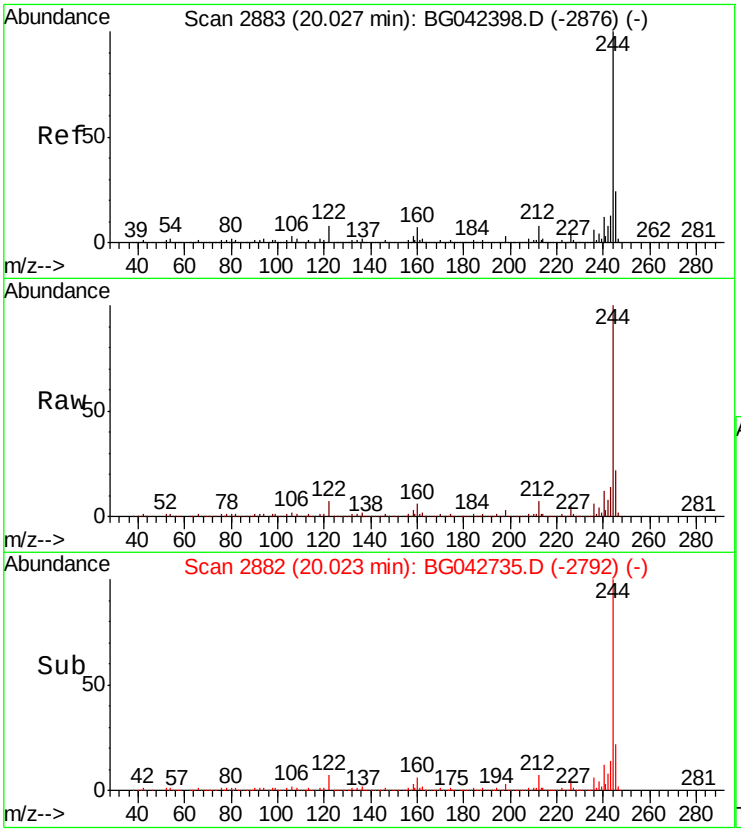


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3165
Delta R.T. -0.01 min
Lab File: BG042735.D
Acq: 6 Sep 2019 00:30

Tgt Ion:240 Resp: 226532

Ion	Ratio	Lower	Upper
240	100		
120	5.1	5.7	8.5#
236	24.9	21.0	31.4



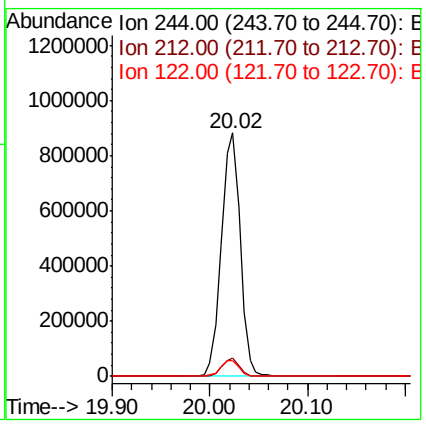


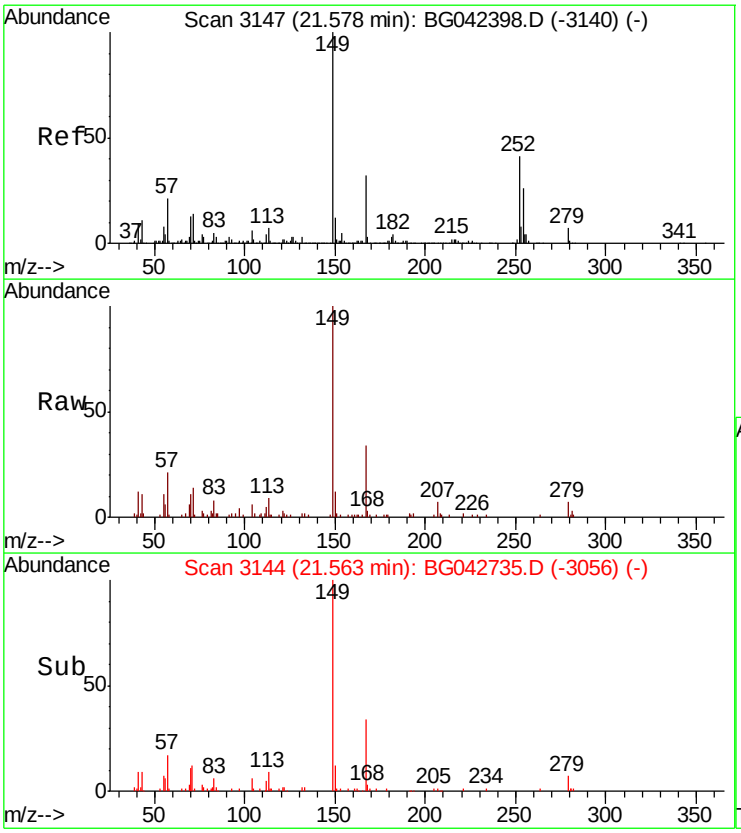
#79
Terphenyl-d14
Concen: 113.180 ng
RT: 20.02 min Scan# 2882
Delta R.T. -0.00 min
Lab File: BG042735.D
Acq: 6 Sep 2019 00:30

Instrument :
BNA_G
ClientSampleId :
20190666-FIELD-DUPLICATE

Tgt Ion:244 Resp: 1185930

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	6.7	6.7	10.1#

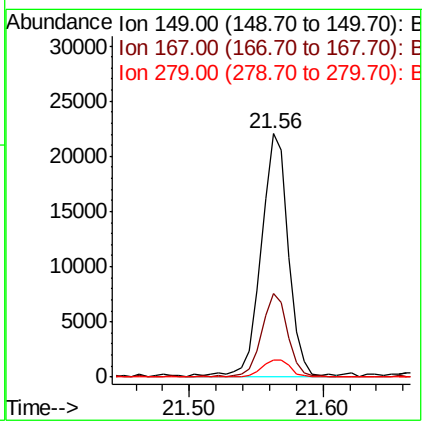


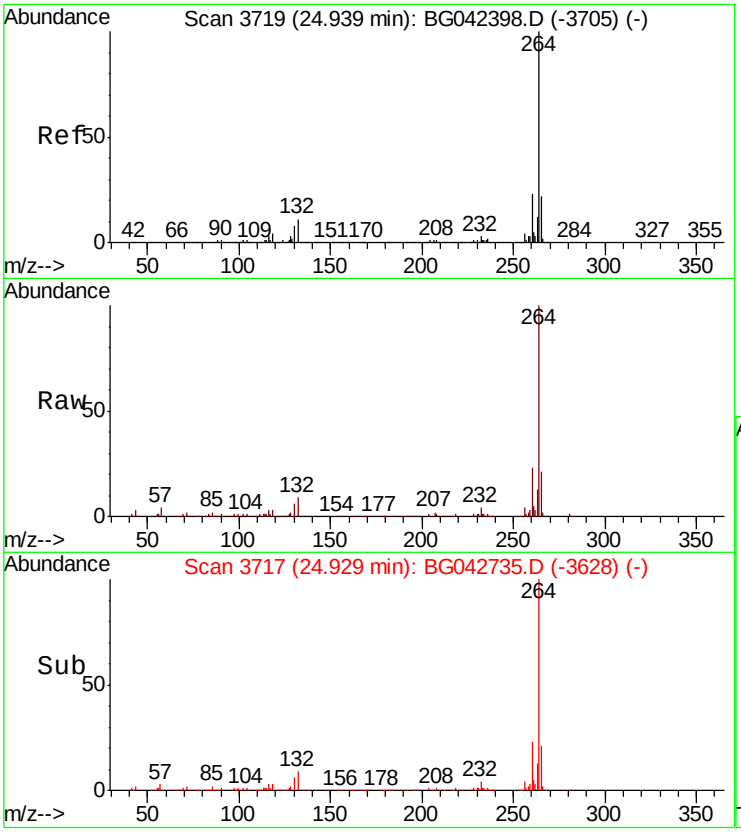


#84
Bis(2-ethylhexyl)phthalate
Concen: 4.122 ng
RT: 21.56 min Scan# 3144
Delta R.T. -0.02 min
Lab File: BG042735.D
Acq: 6 Sep 2019 00:30

Tgt Ion:149 Resp: 31260

Ion	Ratio	Lower	Upper
149	100		
167	34.2	26.0	39.0
279	6.9	5.4	8.0





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.93 min Scan# 3717
Delta R.T. -0.01 min
Lab File: BG042735.D
Acq: 6 Sep 2019 00:30

Instrument :
BNA_G
ClientSampleId :
20190666-FIELD-DUPLICATE

Tgt Ion:264 Resp: 267717

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.5	27.7
265	21.3	17.6	26.4