Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111119\
Data File : BG043598.D
Acq On : 12 Nov 2019 00:30
Operator : JU
Sample : K5760-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RBR-50

Quant Time: Nov 12 07:52:03 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	8.00	152	33930	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	133158	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	99286	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	232985	20.00	ng	-0.01
76) Chrysene-d12	21.64	240	202908	20.00	ng	-0.01
87) Perylene-d12	24.83	264	242710	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	137680	74.36	ng	0.00
7) Phenol-d6	7.20	99	125045	46.94	ng	0.00
23) Nitrobenzene-d5	9.16	82	203000	78.60	ng	-0.01
42) 2,4,6-Tribromophenol	16.13	330	202315	107.08	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	537279	74.78	ng	-0.01
79) Terphenyl-d14	19.99	244	756900	69.98	ng	-0.01
Target Compounds						Qvalue
10) Phenol	7.22	94	18884	7.757	ng	94
50) Dimethylphthalate	14.08	163	94644	12.307	ng	100

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

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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RBR-50

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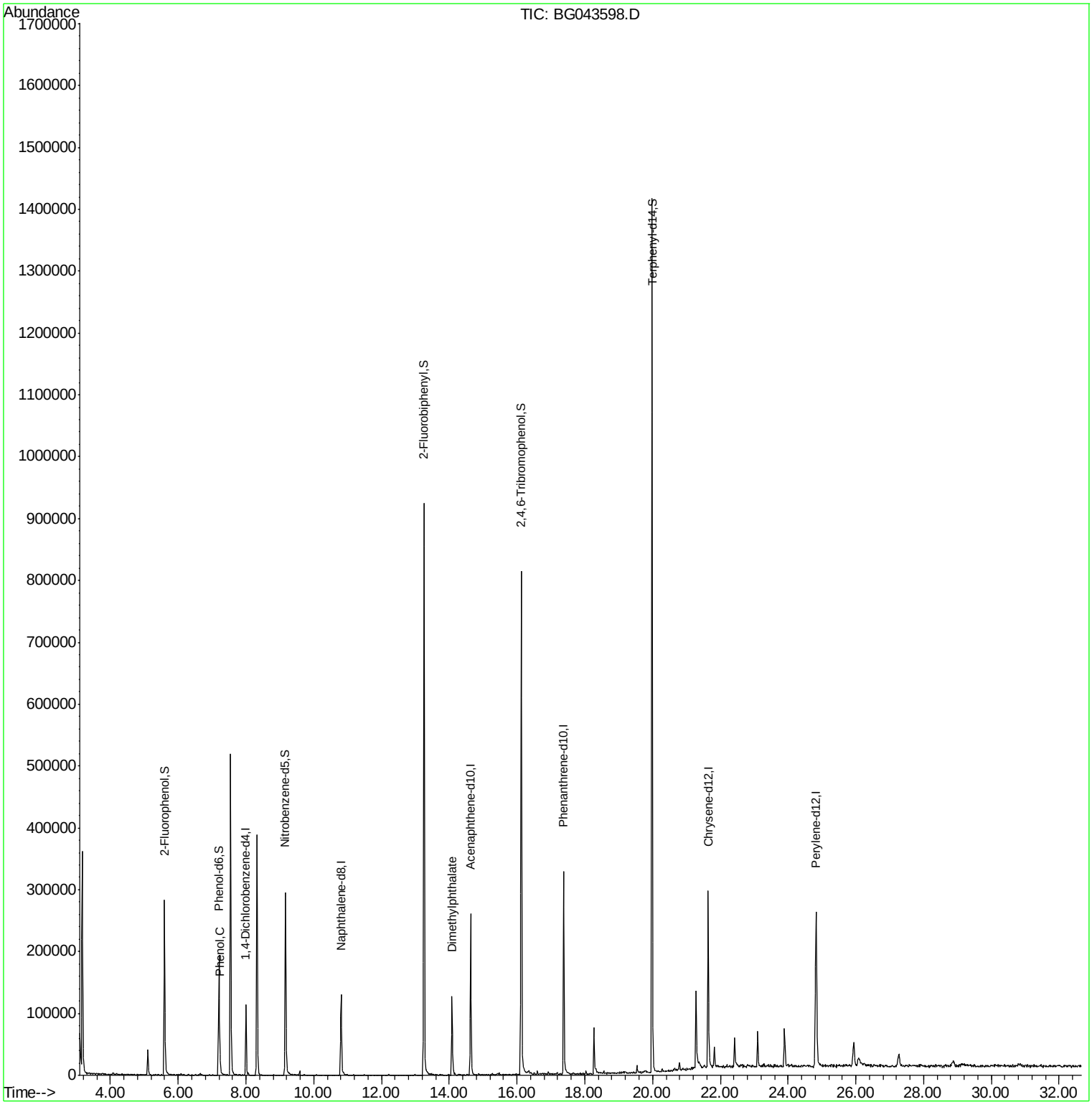
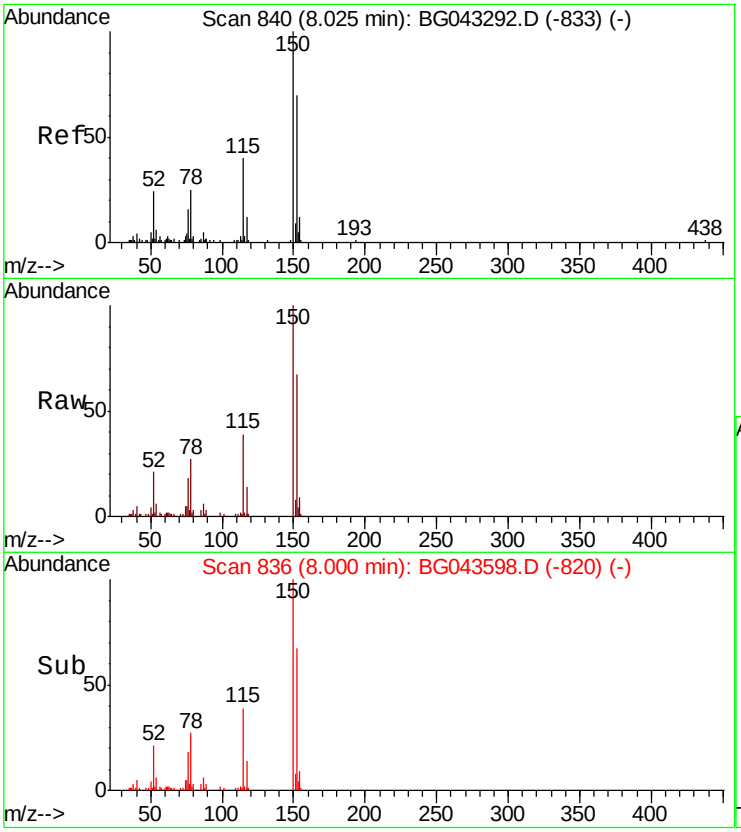


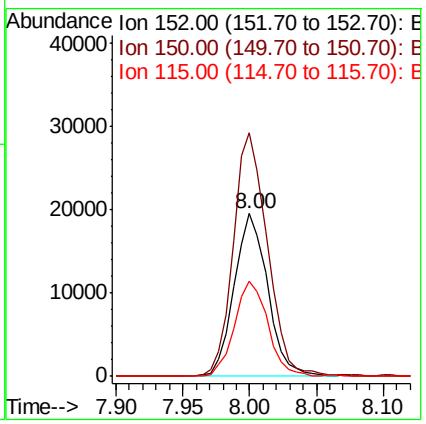


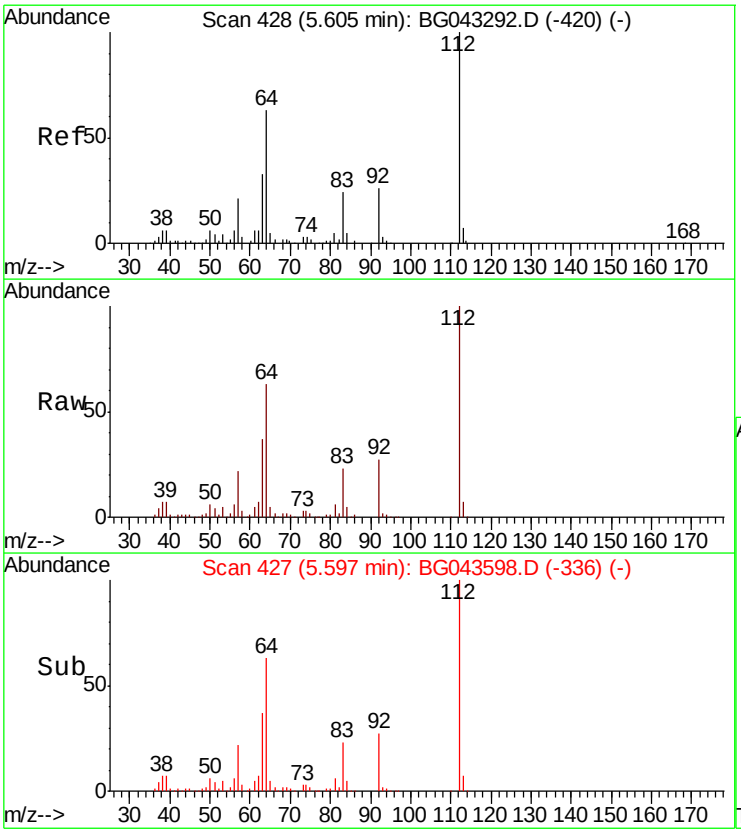
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG043598.D
Acq: 12 Nov 2019 00:30

Instrument :
BNA_G
ClientSampleId :
RBR-50

Tgt Ion:152 Resp: 33930

Ion	Ratio	Lower	Upper
152	100		
150	149.5	129.4	194.0
115	58.5	48.8	73.2

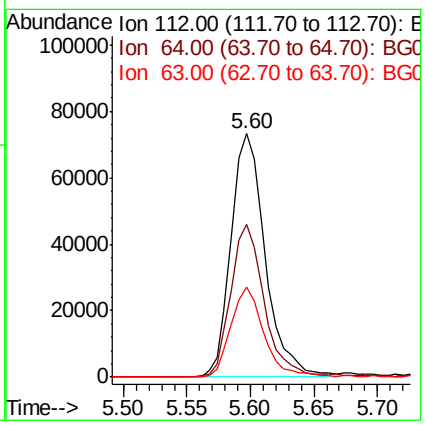


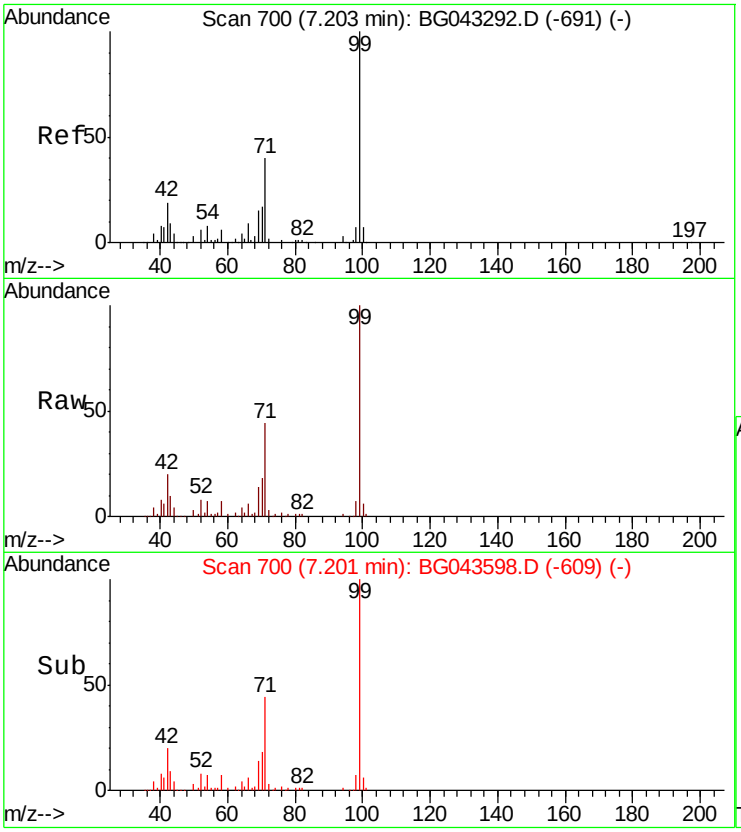


#5
2-Fluorophenol
Concen: 74.356 ng
RT: 5.60 min Scan# 427
Delta R.T. 0.00 min
Lab File: BG043598.D
Acq: 12 Nov 2019 00:30

Tgt Ion:112 Resp: 137680

Ion	Ratio	Lower	Upper
112	100		
64	62.9	50.0	75.0
63	37.1	26.6	40.0



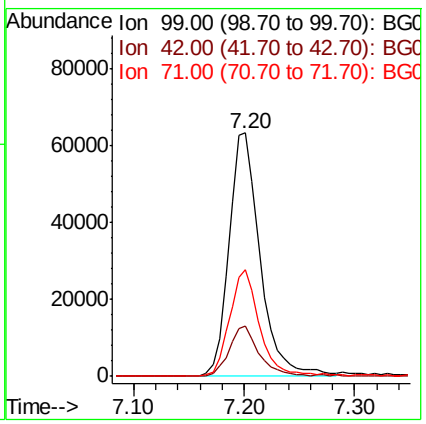


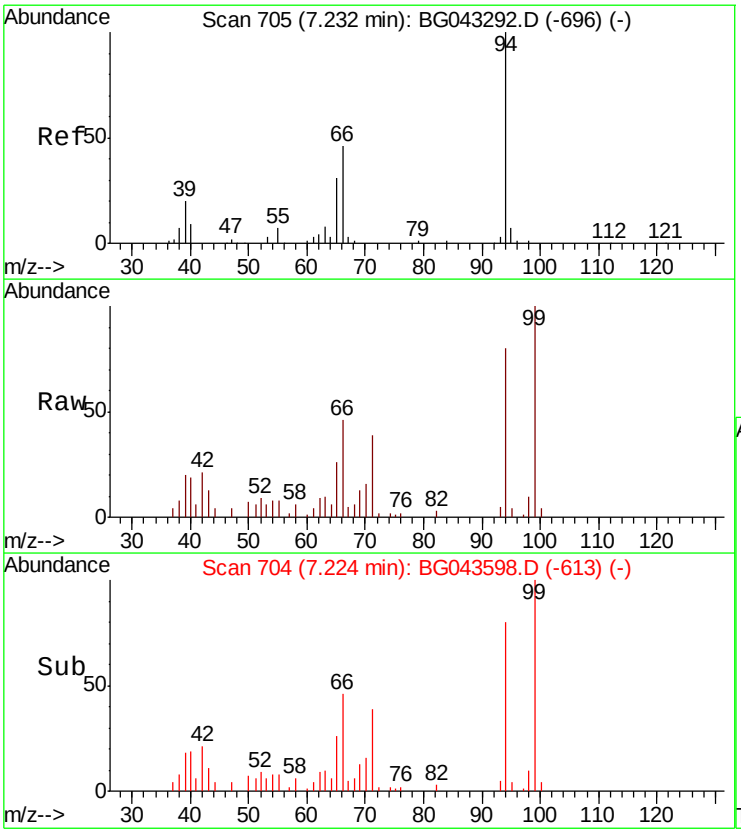
#7
Phenol-d6
Concen: 46.938 ng
RT: 7.20 min Scan# 700
Delta R.T. 0.00 min
Lab File: BG043598.D
Acq: 12 Nov 2019 00:30

Instrument :
BNA_G
ClientSampleId :
RBR-50

Tgt Ion: 99 Resp: 125045

Ion	Ratio	Lower	Upper
99	100		
42	20.5	14.6	21.8
71	43.9	32.5	48.7

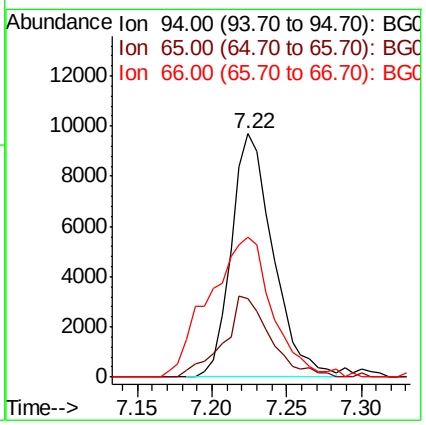


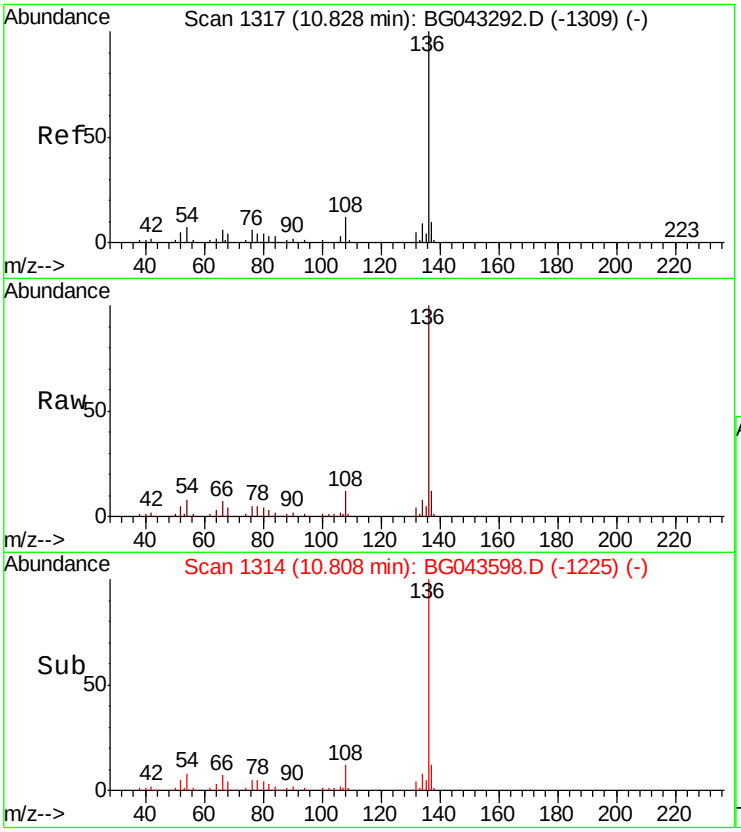


#10
Phenol
Concen: 7.757 ng
RT: 7.22 min Scan# 704
Delta R.T. 0.00 min
Lab File: BG043598.D
Acq: 12 Nov 2019 00:30

Tgt Ion: 94 Resp: 18884

Ion	Ratio	Lower	Upper
94	100		
65	32.3	12.6	52.6
66	57.6	30.7	70.7



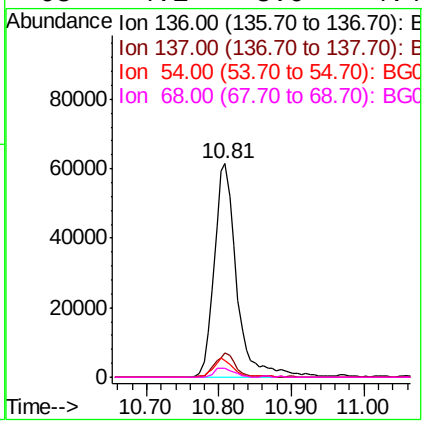


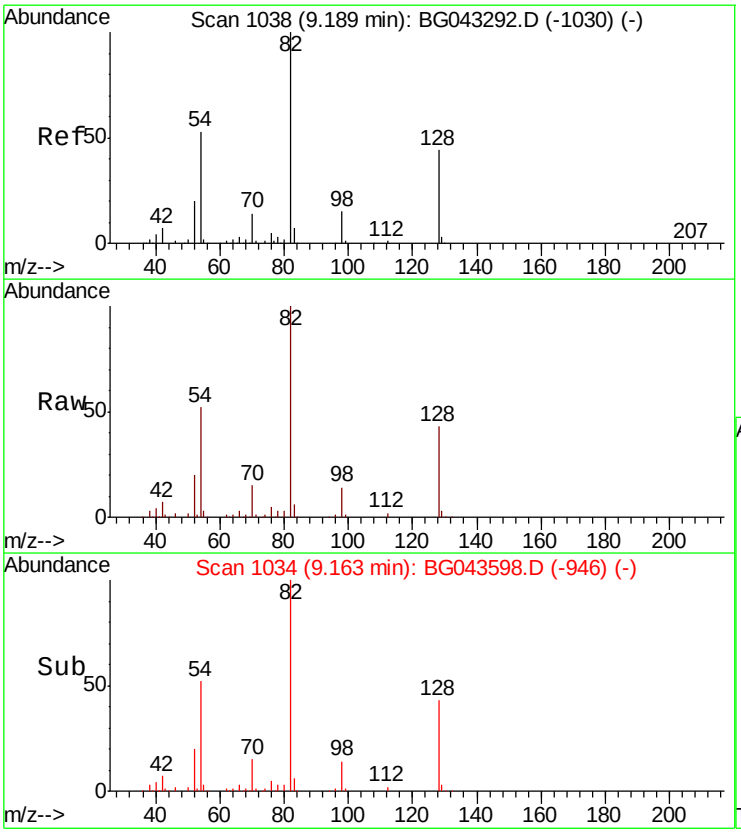
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BG043598.D
Acq: 12 Nov 2019 00:30

Instrument :
BNA_G
ClientSampleId :
RBR-50

Tgt Ion:136 Resp: 133158

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.7	13.1
54	7.8	5.4	8.2
68	4.1	3.0	4.4

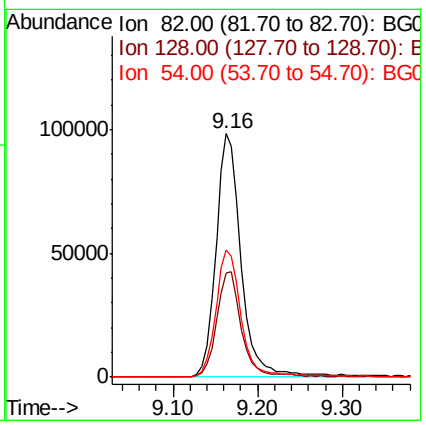


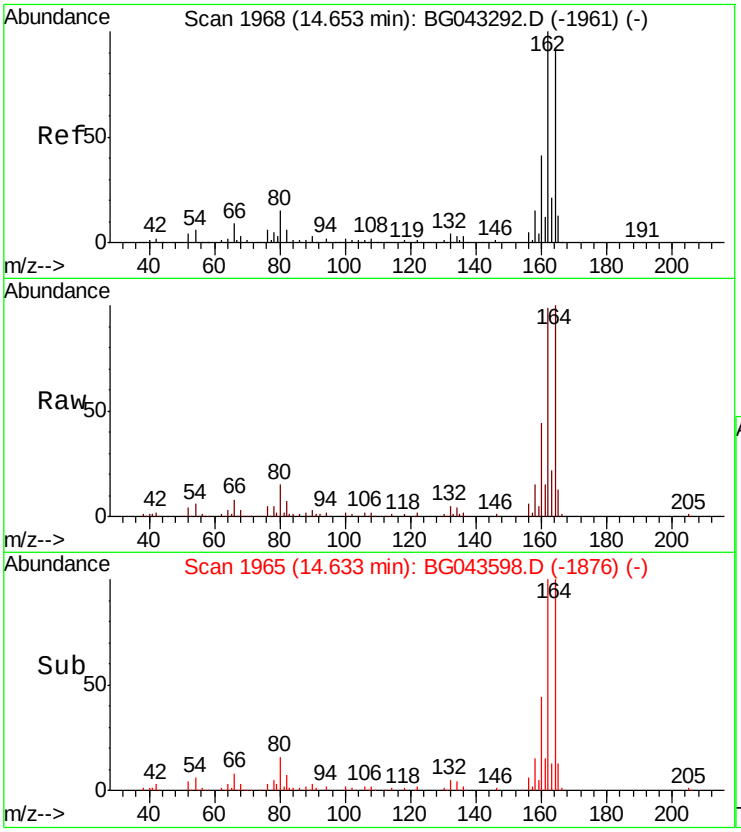


#23
Nitrobenzene-d5
Concen: 78.595 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG043598.D
Acq: 12 Nov 2019 00:30

Tgt Ion: 82 Resp: 203000

Ion	Ratio	Lower	Upper
82	100		
128	42.5	35.0	52.6
54	52.2	40.2	60.2



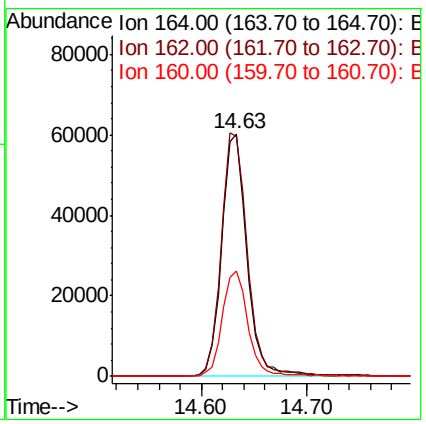


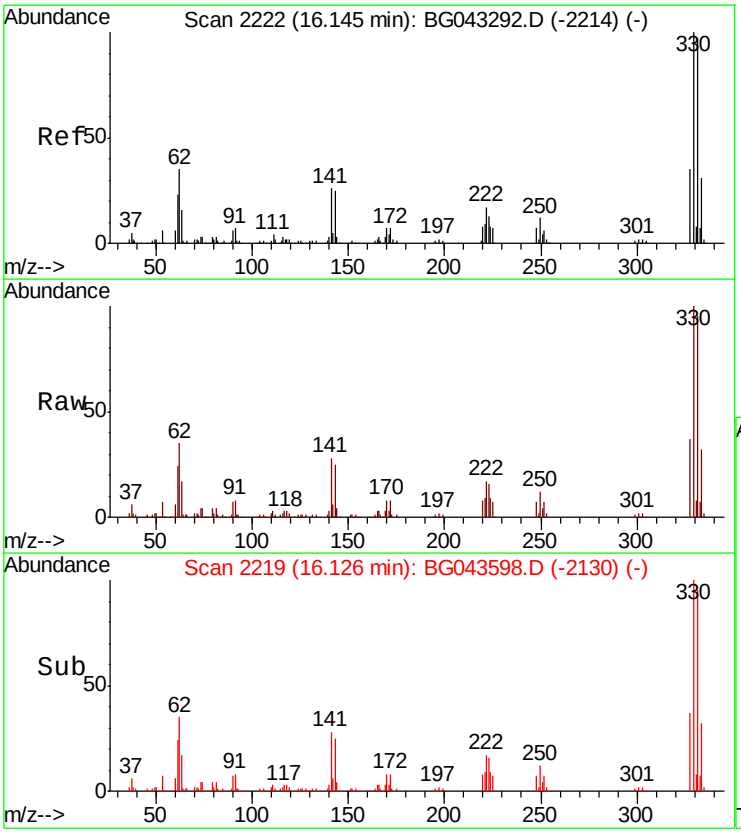
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1965
Delta R.T. -0.01 min
Lab File: BG043598.D
Acq: 12 Nov 2019 00:30

Instrument :
BNA_G
ClientSampleId :
RBR-50

Tgt Ion:164 Resp: 99286

Ion	Ratio	Lower	Upper
164	100		
162	99.2	83.5	125.3
160	43.6	36.5	54.7

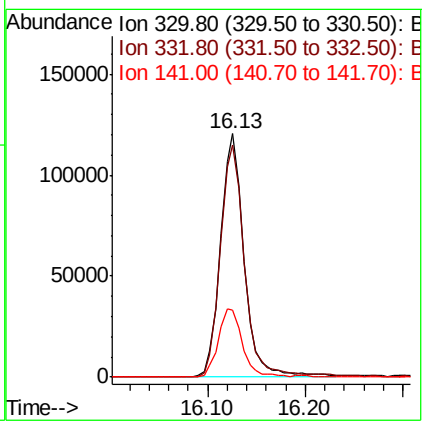


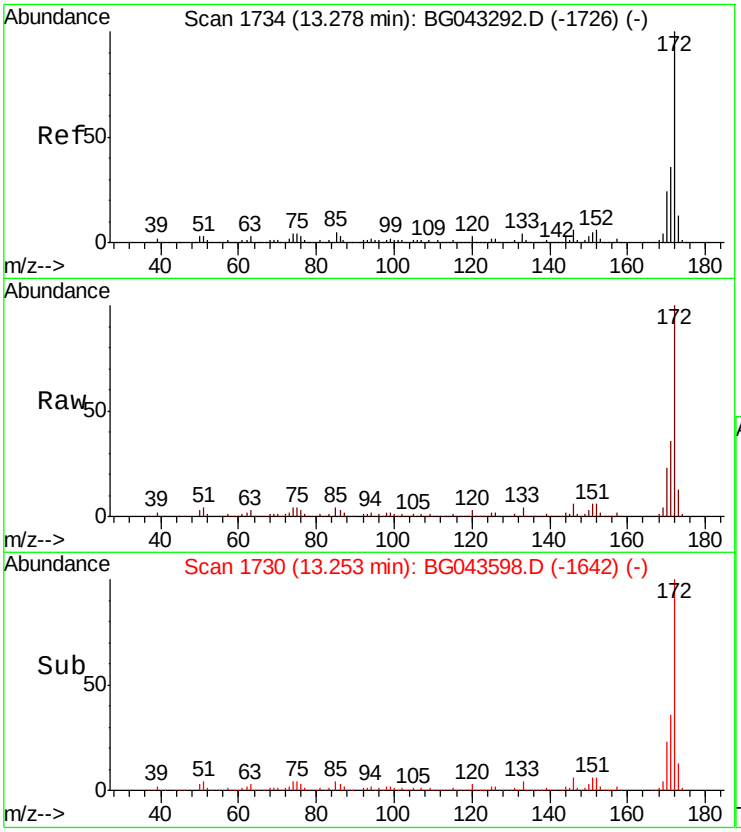


#42
2,4,6-Tribromophenol
Concen: 107.078 ng
RT: 16.13 min Scan# 2219
Delta R.T. -0.01 min
Lab File: BG043598.D
Acq: 12 Nov 2019 00:30

Tgt Ion:330 Resp: 202315

Ion	Ratio	Lower	Upper
330	100		
332	98.7	77.4	116.0
141	28.7	22.8	34.2



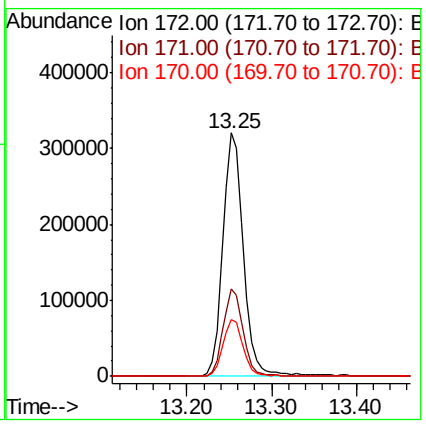


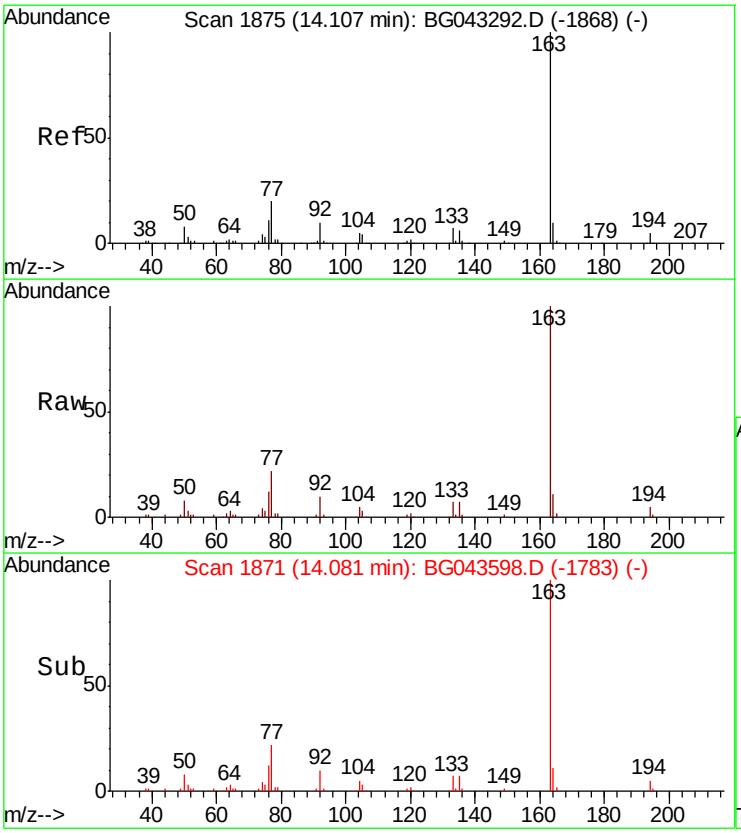
#45
2-Fluorobiphenyl
Concen: 74.775 ng
RT: 13.25 min Scan# 1730
Delta R.T. -0.01 min
Lab File: BG043598.D
Acq: 12 Nov 2019 00:30

Instrument :
BNA_G
ClientSampleId :
RBR-50

Tgt Ion:172 Resp: 537279

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.9	43.3
170	23.2	18.5	27.7

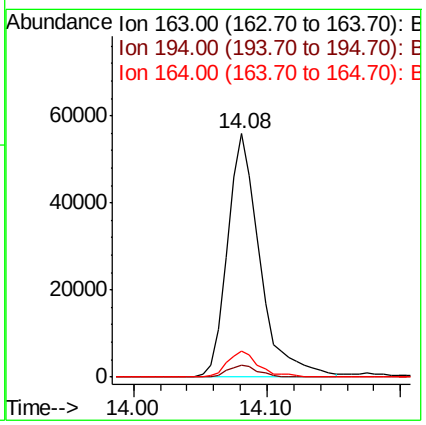


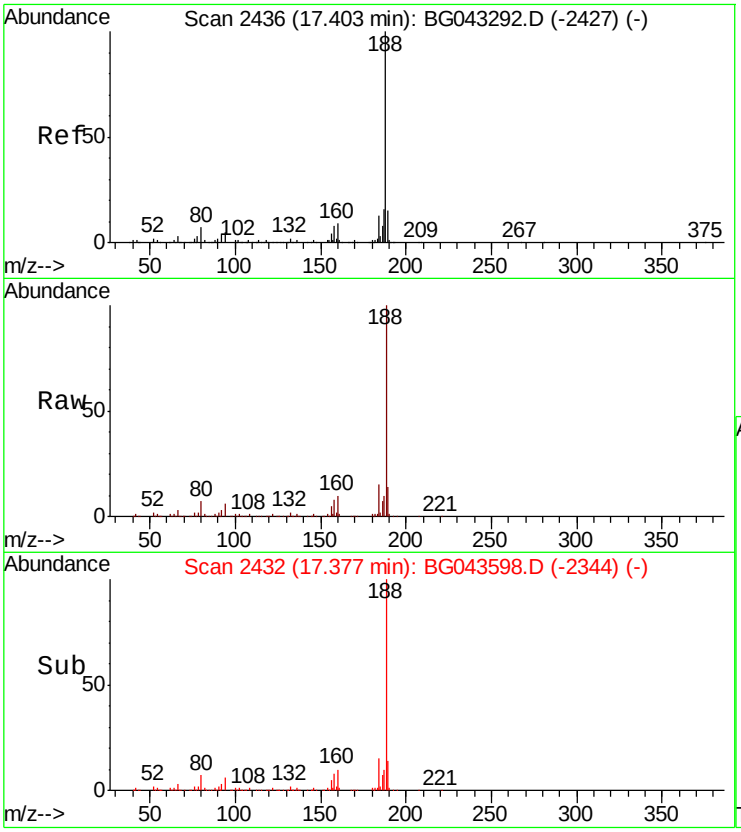


#50
Dimethylphthalate
Concen: 12.307 ng
RT: 14.08 min Scan# 1871
Delta R.T. -0.01 min
Lab File: BG043598.D
Acq: 12 Nov 2019 00:30

Tgt Ion:163 Resp: 94644

Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.8	5.6
164	10.9	8.9	13.3



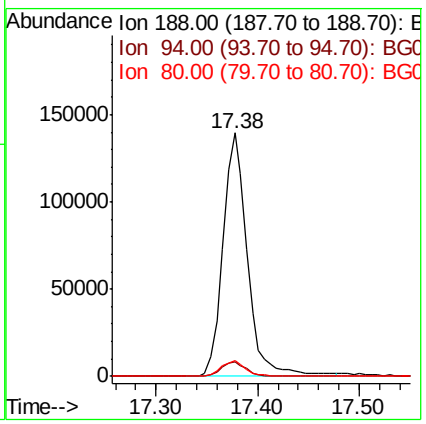


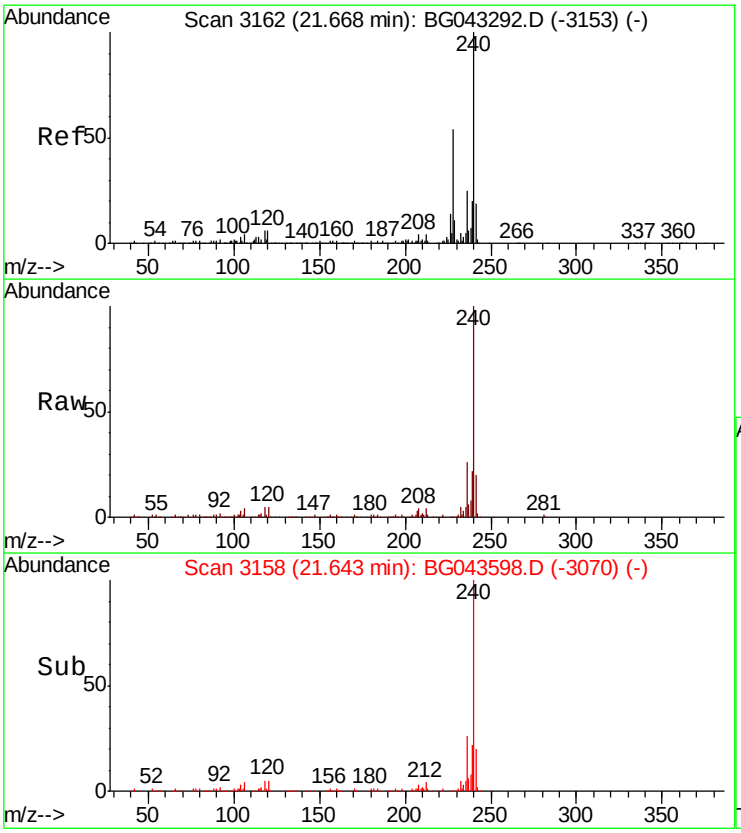
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2432
Delta R.T. -0.01 min
Lab File: BG043598.D
Acq: 12 Nov 2019 00:30

Instrument :
BNA_G
ClientSampleId :
RBR-50

Tgt Ion:188 Resp: 232985

Ion	Ratio	Lower	Upper
188	100		
94	6.0	4.2	6.4
80	6.5	4.5	6.7

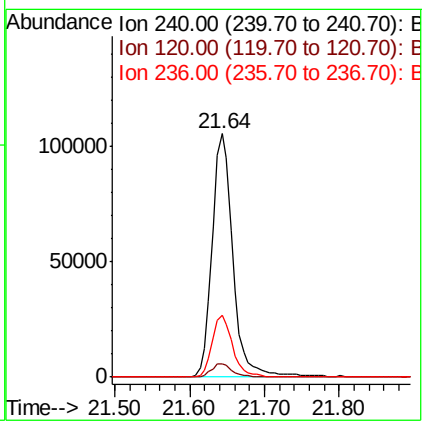


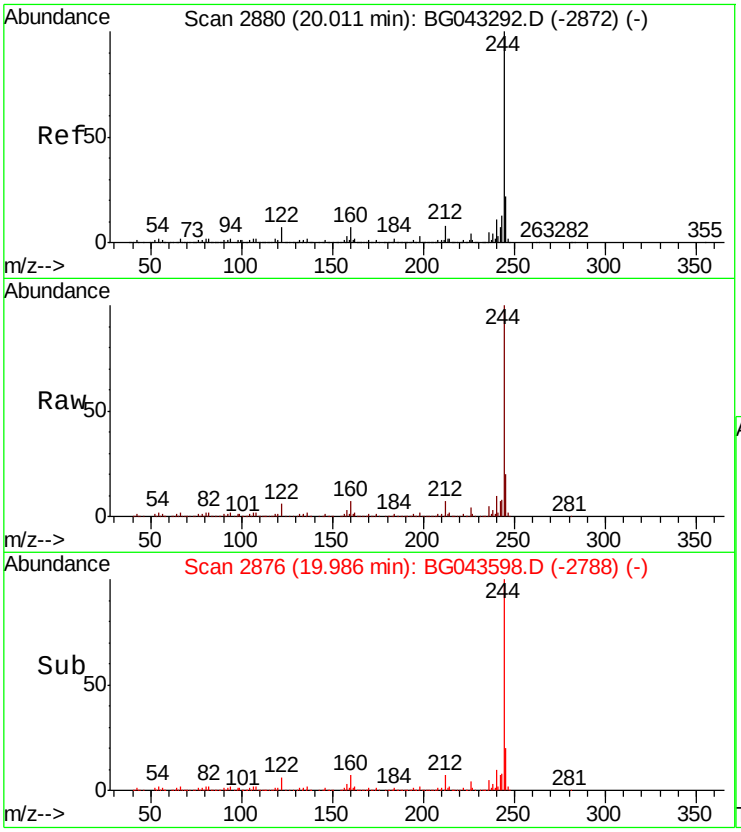


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.64 min Scan# 3158
Delta R.T. -0.01 min
Lab File: BG043598.D
Acq: 12 Nov 2019 00:30

Tgt Ion:240 Resp: 202908

Ion	Ratio	Lower	Upper
240	100		
120	5.4	4.6	6.8
236	25.5	19.8	29.8



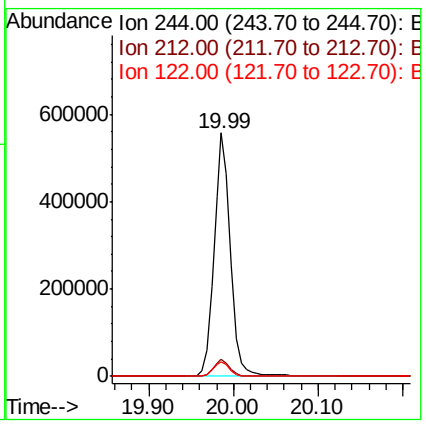


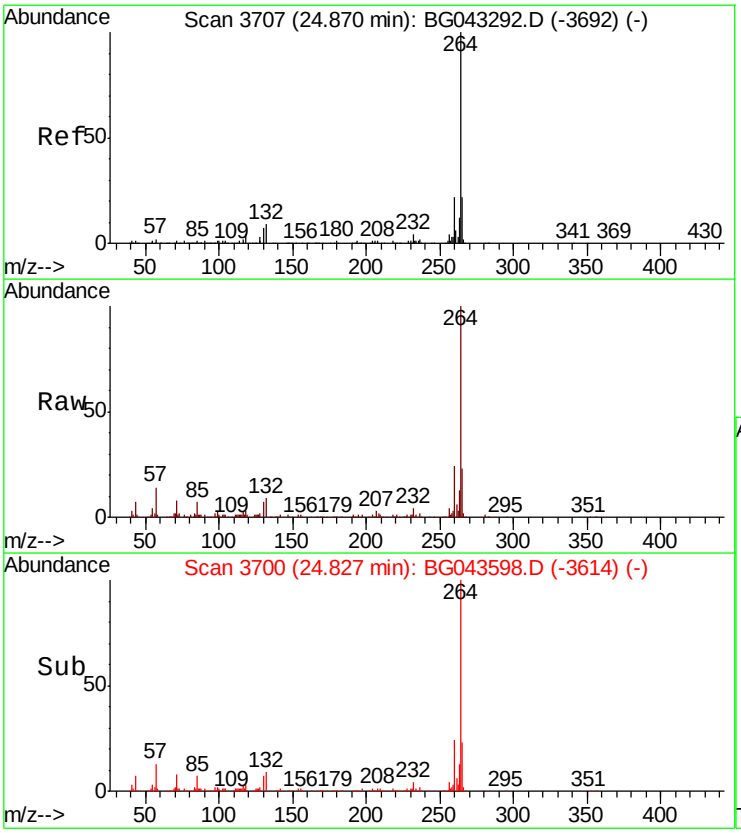
#79
Terphenyl-d14
Concen: 69.982 ng
RT: 19.99 min Scan# 2876
Delta R.T. -0.01 min
Lab File: BG043598.D
Acq: 12 Nov 2019 00:30

Instrument :
BNA_G
ClientSampleId :
RBR-50

Tgt Ion:244 Resp: 756900

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.6
122	6.2	5.4	8.2





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.83 min Scan# 3700
Delta R.T. -0.03 min
Lab File: BG043598.D
Acq: 12 Nov 2019 00:30

Tgt Ion:264 Resp: 242710

Ion	Ratio	Lower	Upper
264	100		
260	23.8	17.5	26.3
265	23.0	17.4	26.0