Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111819\
Data File : BG043688.D
Acq On : 19 Nov 2019 00:49
Operator : JU
Sample : K5833-08
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 7-(12-14)

Quant Time: Nov 19 02:58:32 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	7.99	152	28198	20.00	ng	-0.02
21) Naphthalene-d8	10.80	136	94282	20.00	ng	-0.02
39) Acenaphthene-d10	14.62	164	72876	20.00	ng	-0.02
64) Phenanthrene-d10	17.37	188	186728	20.00	ng	-0.02
76) Chrysene-d12	21.63	240	205617	20.00	ng	-0.02
87) Perylene-d12	24.82	264	245104	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	150675	97.92	ng	0.00
7) Phenol-d6	7.19	99	216971	98.00	ng	-0.01
23) Nitrobenzene-d5	9.15	82	122828	67.16	ng	-0.02
42) 2,4,6-Tribromophenol	16.12	330	132009	95.19	ng	-0.02
45) 2-Fluorobiphenyl	13.24	172	363705	68.96	ng	-0.02
79) Terphenyl-d14	19.98	244	760863	69.42	ng	-0.02
Target Compounds						Qvalue
10) Phenol	7.21	94	8784	4.342	ng	# 55
50) Dimethylphthalate	14.08	163	38612	6.840	ng	# 98

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

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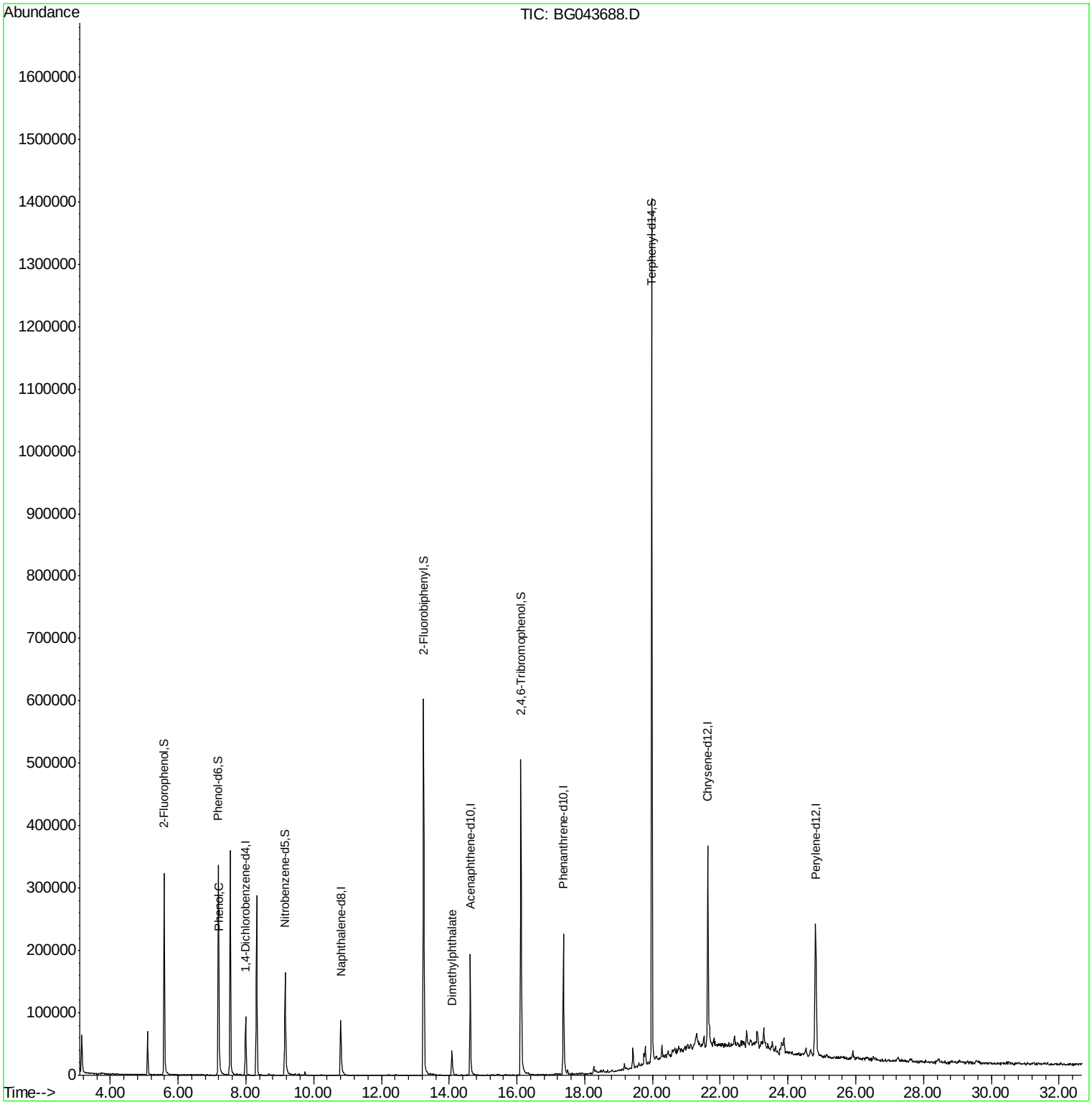
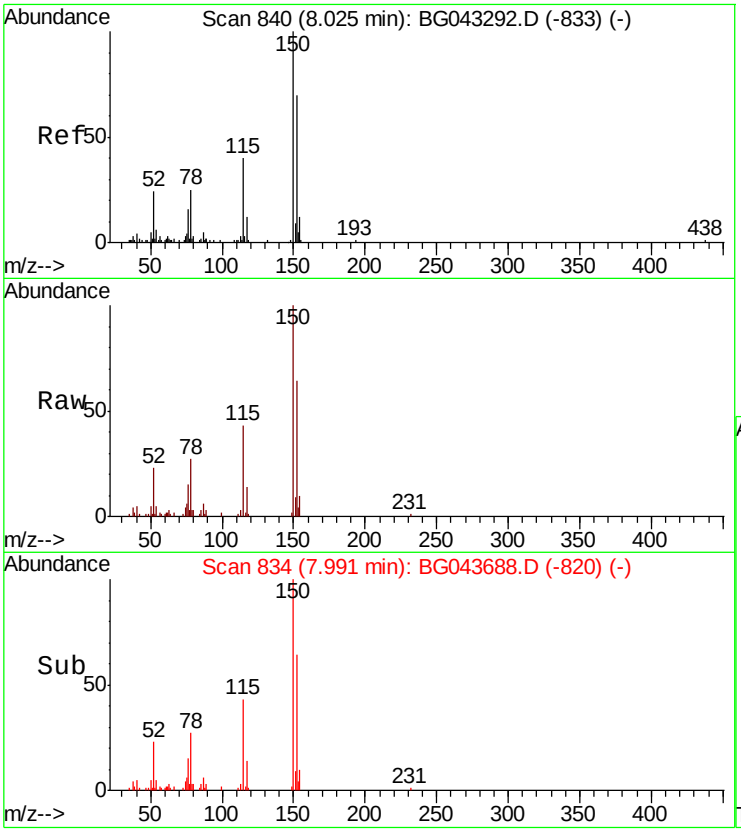


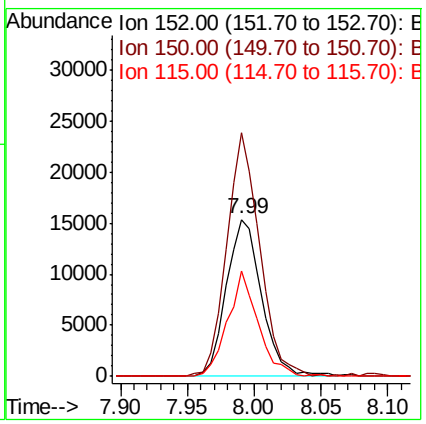


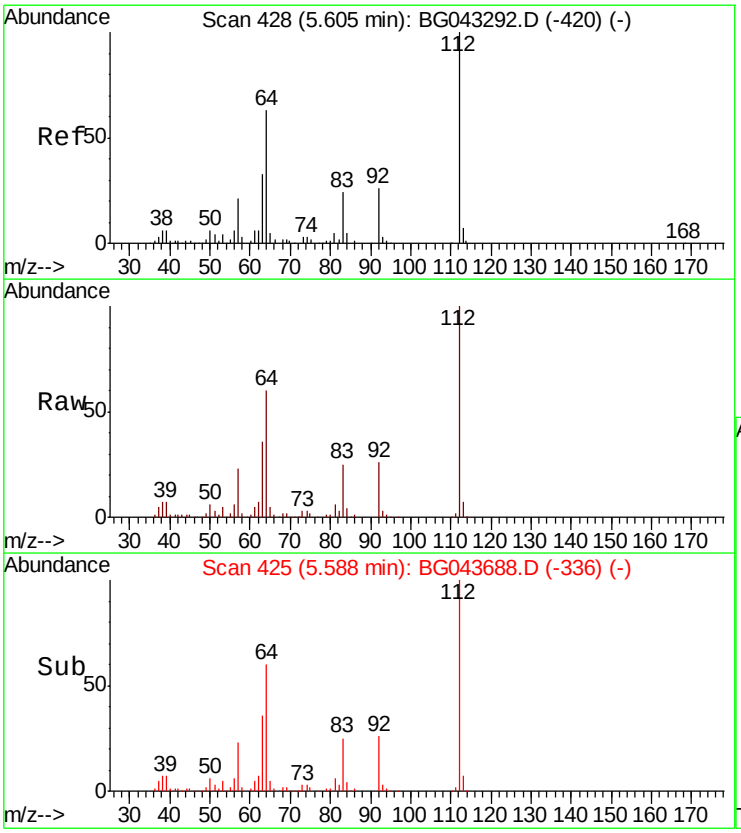
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 834
Delta R.T. -0.02 min
Lab File: BG043688.D
Acq: 19 Nov 2019 00:49

Instrument :
BNA_G
ClientSampleId :
7-(12-14)

Tgt Ion:152 Resp: 28198

Ion	Ratio	Lower	Upper
152	100		
150	155.5	129.4	194.0
115	67.4	48.8	73.2

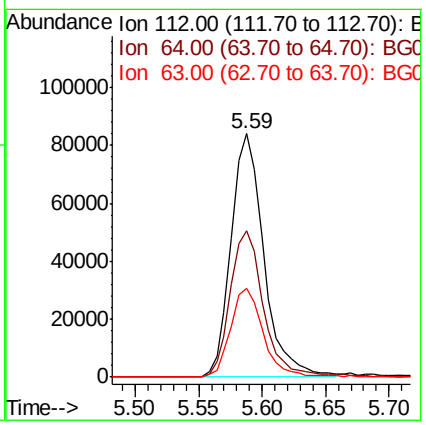


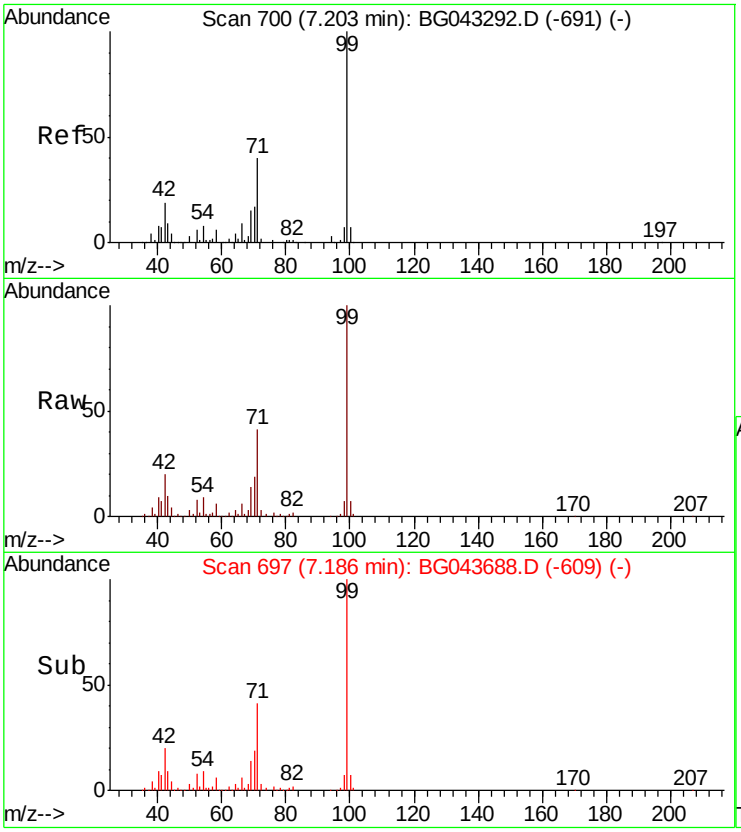


#5
2-Fluorophenol
Concen: 97.916 ng
RT: 5.59 min Scan# 425
Delta R.T. -0.01 min
Lab File: BG043688.D
Acq: 19 Nov 2019 00:49

Tgt Ion:112 Resp: 150675

Ion	Ratio	Lower	Upper
112	100		
64	60.3	50.0	75.0
63	36.4	26.6	40.0



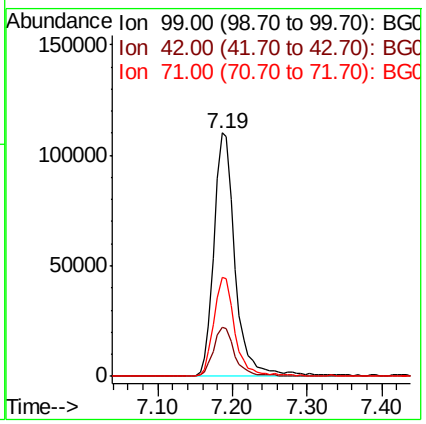


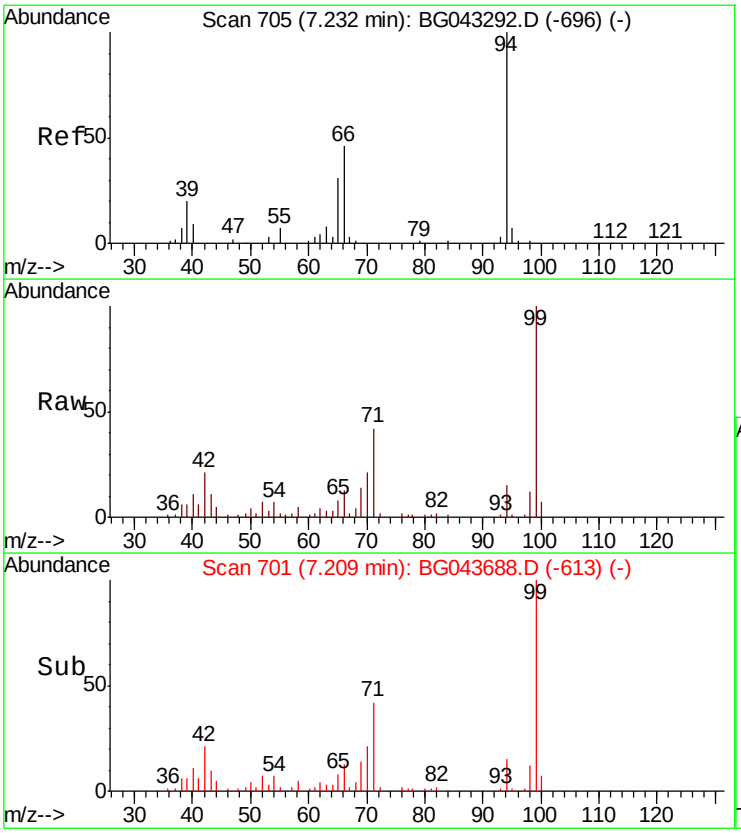
#7
Phenol-d6
Concen: 98.000 ng
RT: 7.19 min Scan# 697
Delta R.T. -0.01 min
Lab File: BG043688.D
Acq: 19 Nov 2019 00:49

Instrument :
BNA_G
ClientSampleId :
7-(12-14)

Tgt Ion: 99 Resp: 216971

Ion	Ratio	Lower	Upper
99	100		
42	20.2	14.6	21.8
71	40.6	32.5	48.7

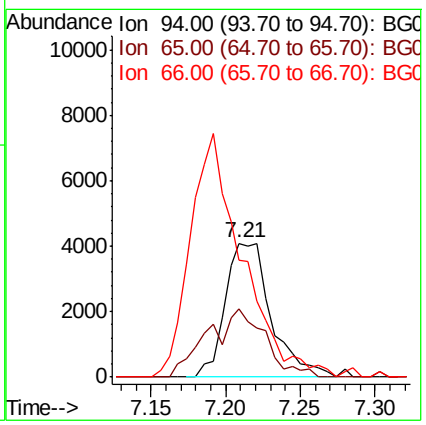


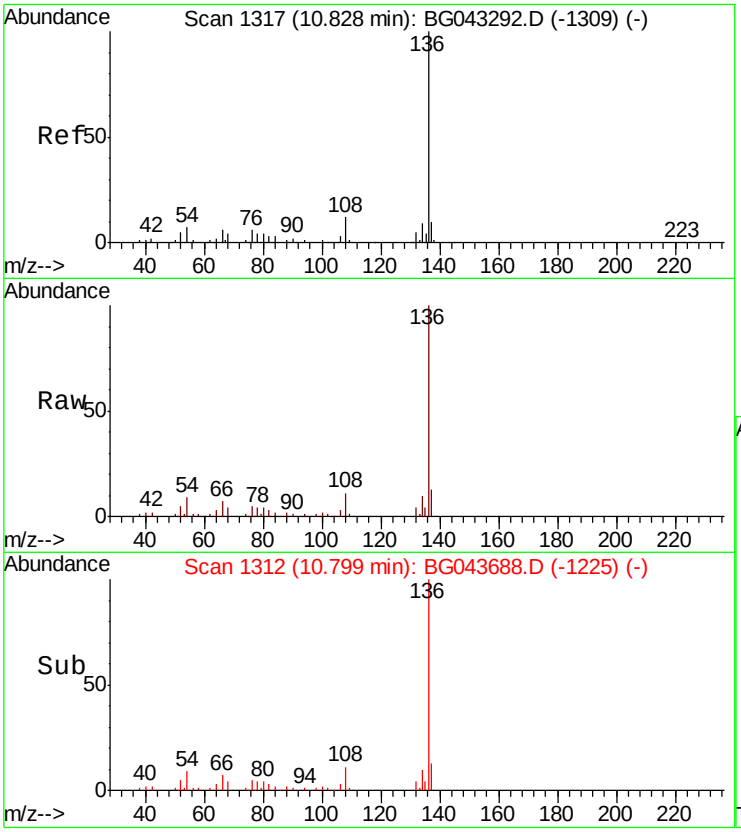


#10
Phenol
Concen: 4.342 ng
RT: 7.21 min Scan# 701
Delta R.T. -0.01 min
Lab File: BG043688.D
Acq: 19 Nov 2019 00:49

Tgt Ion: 94 Resp: 8784

Ion	Ratio	Lower	Upper
94	100		
65	51.1	12.6	52.6
66	87.2	30.7	70.7#



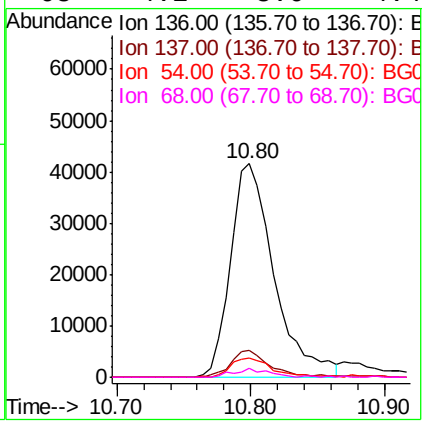


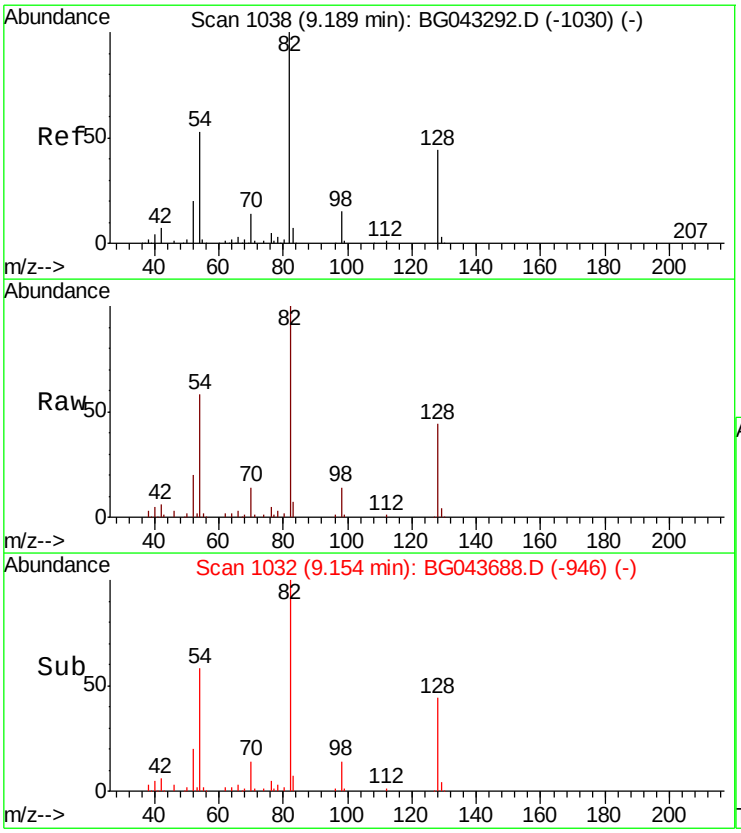
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1312
Delta R.T. -0.02 min
Lab File: BG043688.D
Acq: 19 Nov 2019 00:49

Instrument :
BNA_G
ClientSampleId :
7-(12-14)

Tgt Ion:136 Resp: 94282

Ion	Ratio	Lower	Upper
136	100		
137	12.6	8.7	13.1
54	9.2	5.4	8.2#
68	4.2	3.0	4.4

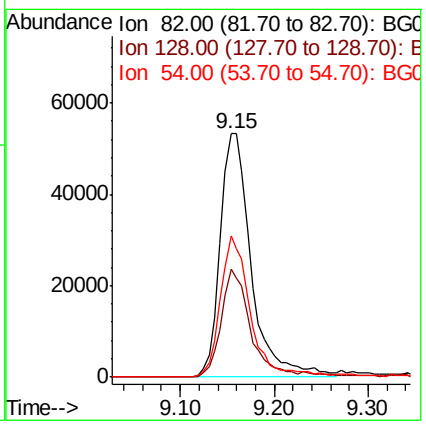


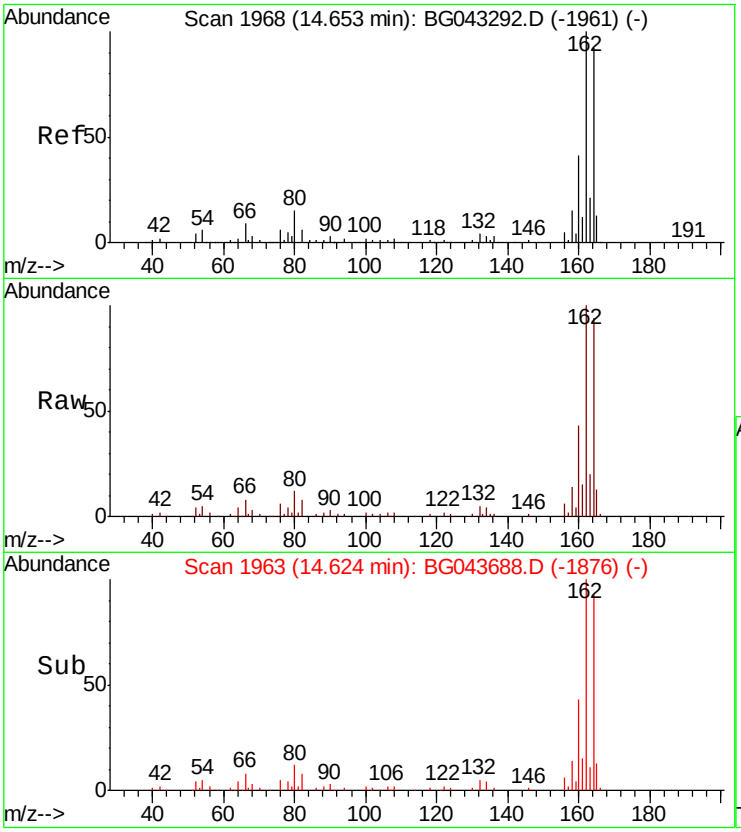


#23
Nitrobenzene-d5
Concen: 67.164 ng
RT: 9.15 min Scan# 1032
Delta R.T. -0.02 min
Lab File: BG043688.D
Acq: 19 Nov 2019 00:49

Tgt Ion: 82 Resp: 122828

Ion	Ratio	Lower	Upper
82	100		
128	44.2	35.0	52.6
54	58.0	40.2	60.2



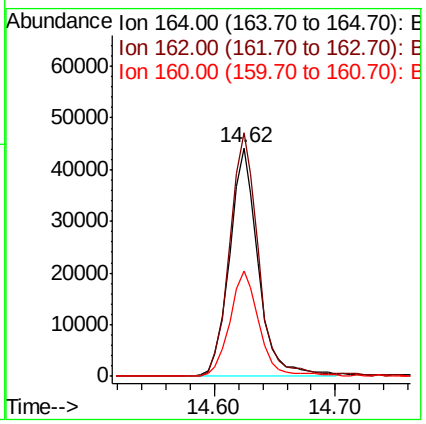


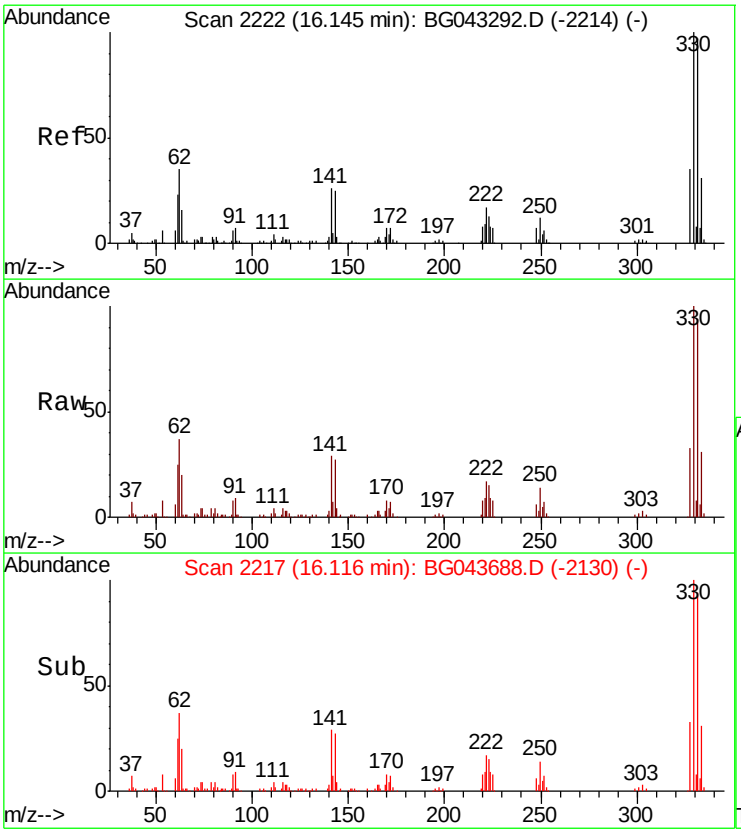
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.62 min Scan# 1963
Delta R.T. -0.02 min
Lab File: BG043688.D
Acq: 19 Nov 2019 00:49

Instrument :
BNA_G
ClientSampleId :
7-(12-14)

Tgt Ion:164 Resp: 72876

Ion	Ratio	Lower	Upper
164	100		
162	106.5	83.5	125.3
160	46.0	36.5	54.7

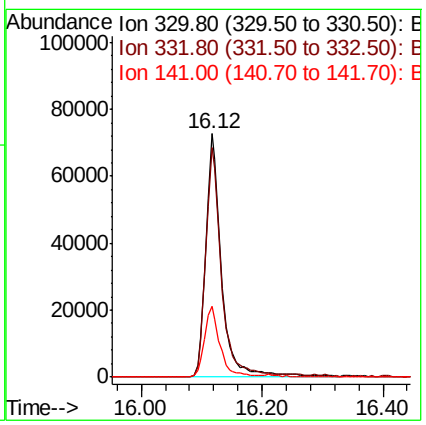


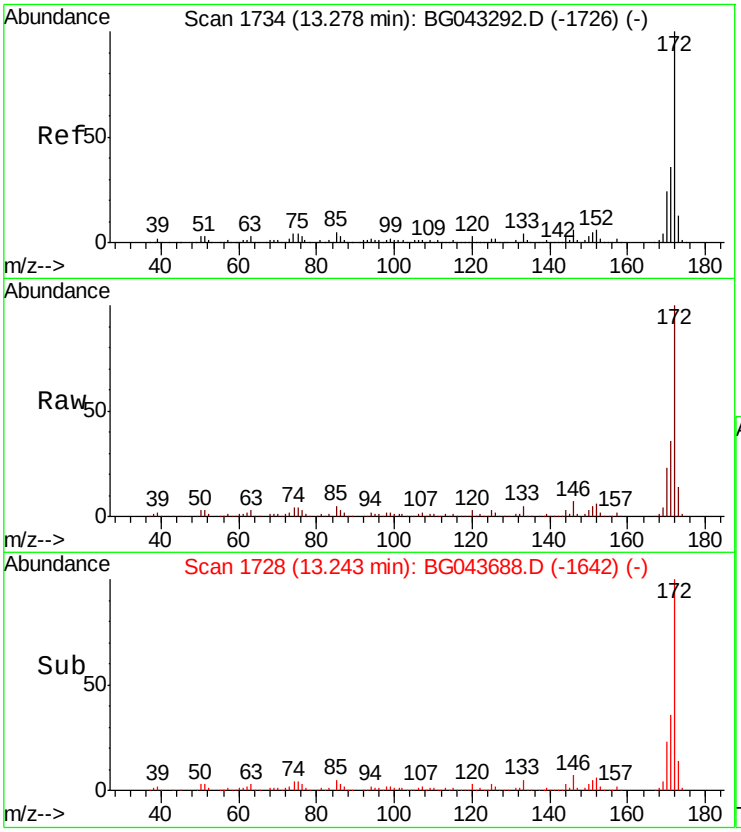


#42
2,4,6-Tribromophenol
Concen: 95.187 ng
RT: 16.12 min Scan# 2217
Delta R.T. -0.02 min
Lab File: BG043688.D
Acq: 19 Nov 2019 00:49

Tgt Ion:330 Resp: 132009

Ion	Ratio	Lower	Upper
330	100		
332	94.5	77.4	116.0
141	29.0	22.8	34.2



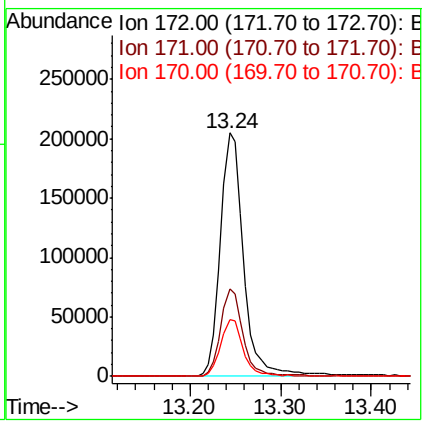


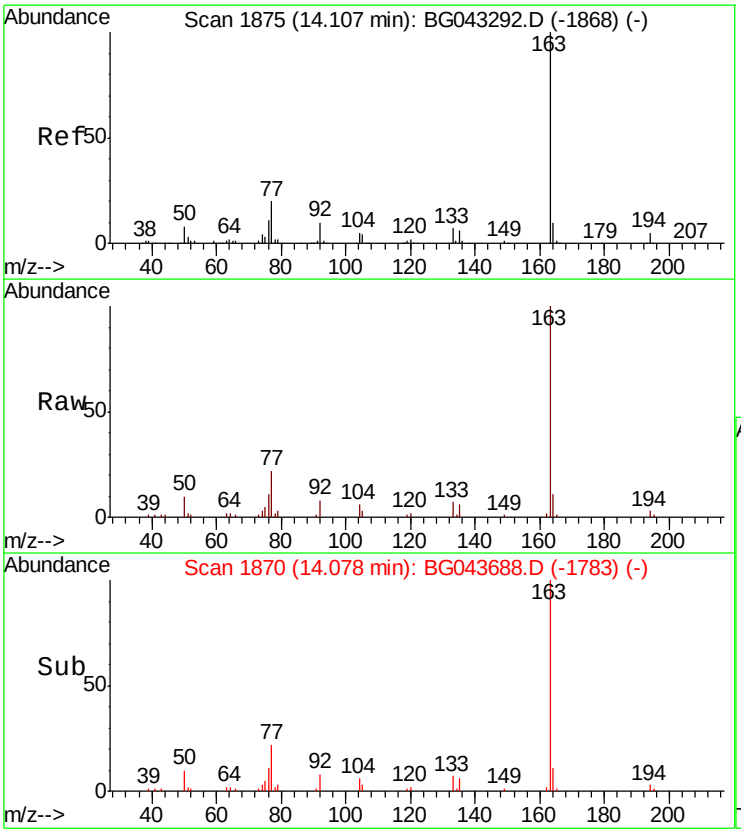
#45
2-Fluorobiphenyl
Concen: 68.962 ng
RT: 13.24 min Scan# 1728
Delta R.T. -0.02 min
Lab File: BG043688.D
Acq: 19 Nov 2019 00:49

Instrument :
BNA_G
ClientSampleId :
7-(12-14)

Tgt Ion:172 Resp: 363705

Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.9	43.3
170	23.2	18.5	27.7

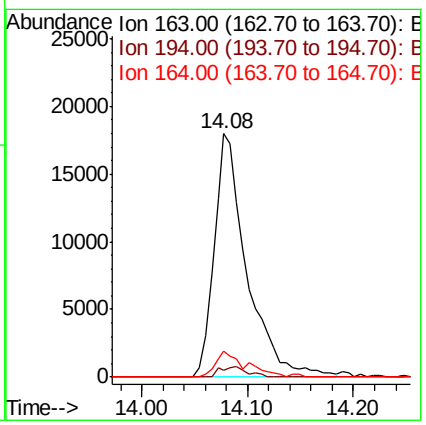


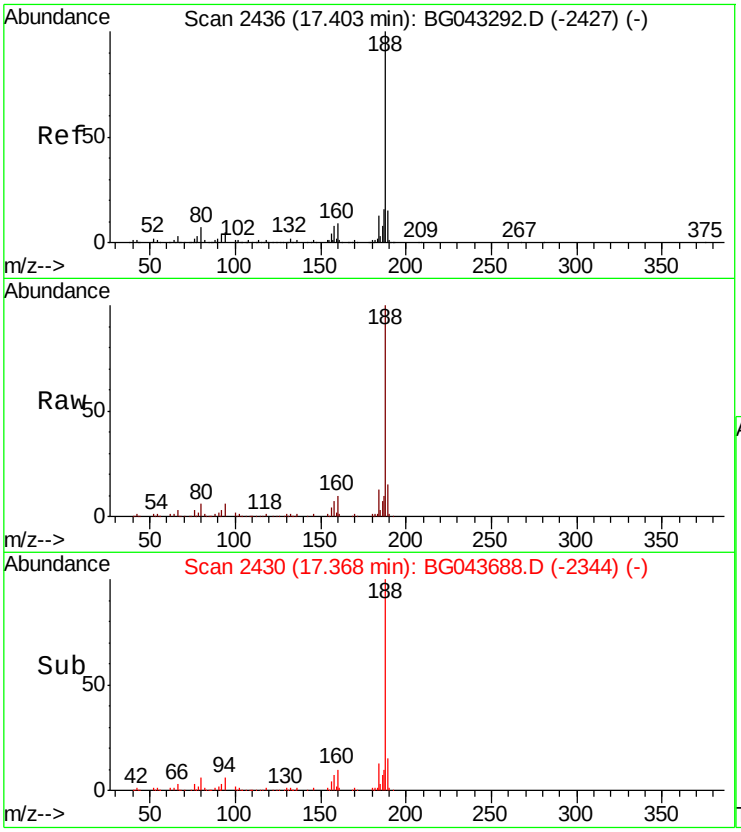


#50
Dimethylphthalate
Concen: 6.840 ng
RT: 14.08 min Scan# 1870
Delta R.T. -0.02 min
Lab File: BG043688.D
Acq: 19 Nov 2019 00:49

Tgt Ion:163 Resp: 38612

Ion	Ratio	Lower	Upper
163	100		
194	2.8	3.8	5.6#
164	10.8	8.9	13.3



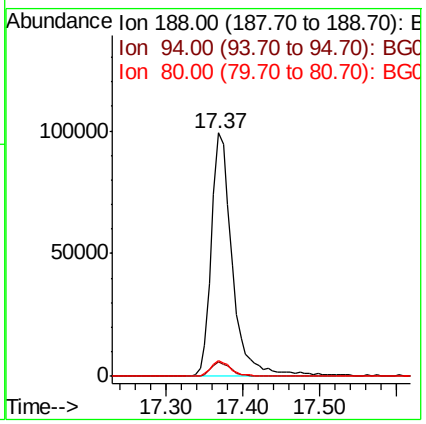


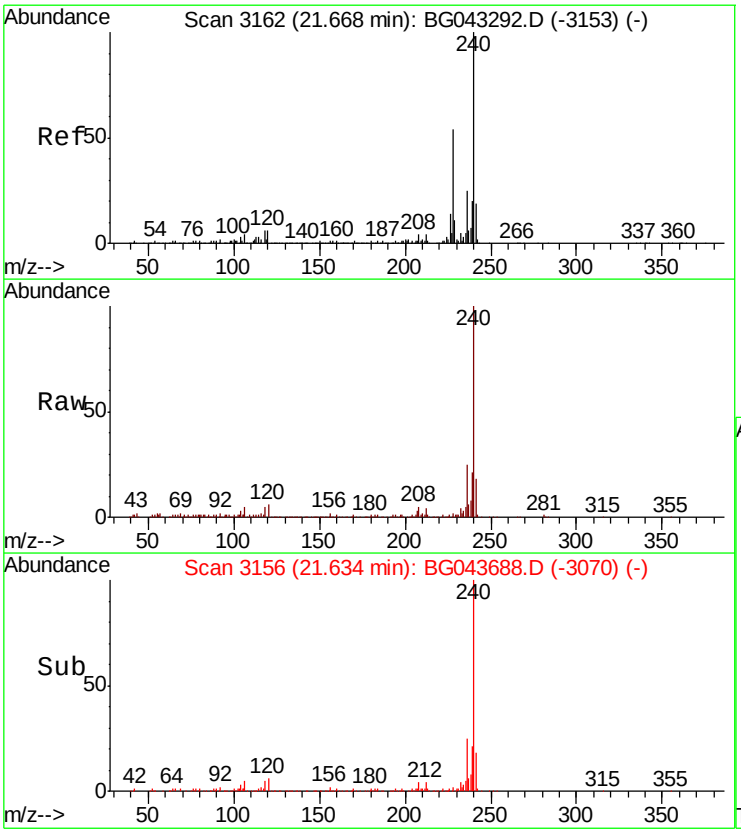
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.37 min Scan# 2430
Delta R.T. -0.02 min
Lab File: BG043688.D
Acq: 19 Nov 2019 00:49

Instrument :
BNA_G
ClientSampleId :
7-(12-14)

Tgt Ion:188 Resp: 186728

Ion	Ratio	Lower	Upper
188	100		
94	5.9	4.2	6.4
80	6.2	4.5	6.7

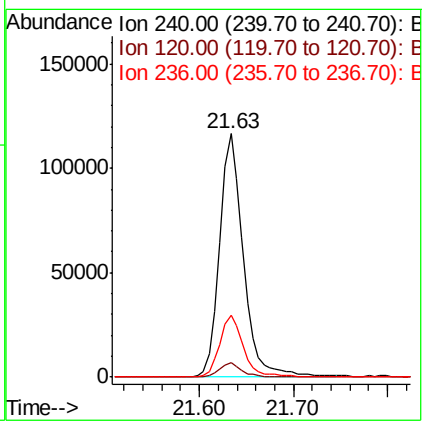


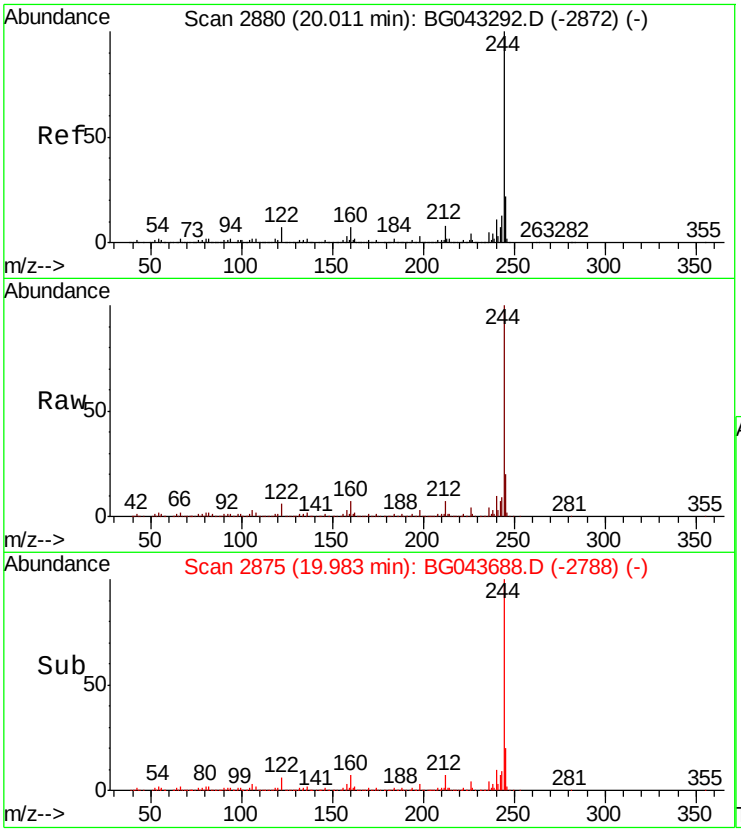


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.63 min Scan# 3156
Delta R.T. -0.02 min
Lab File: BG043688.D
Acq: 19 Nov 2019 00:49

Tgt Ion:240 Resp: 205617

Ion	Ratio	Lower	Upper
240	100		
120	5.9	4.6	6.8
236	25.2	19.8	29.8



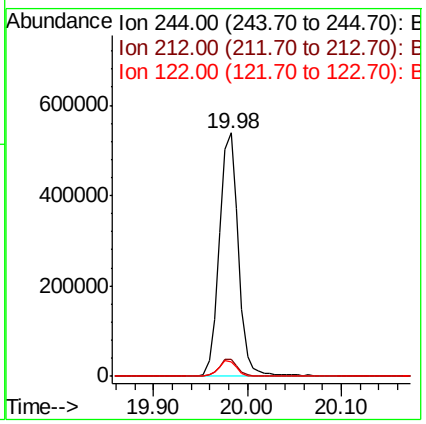


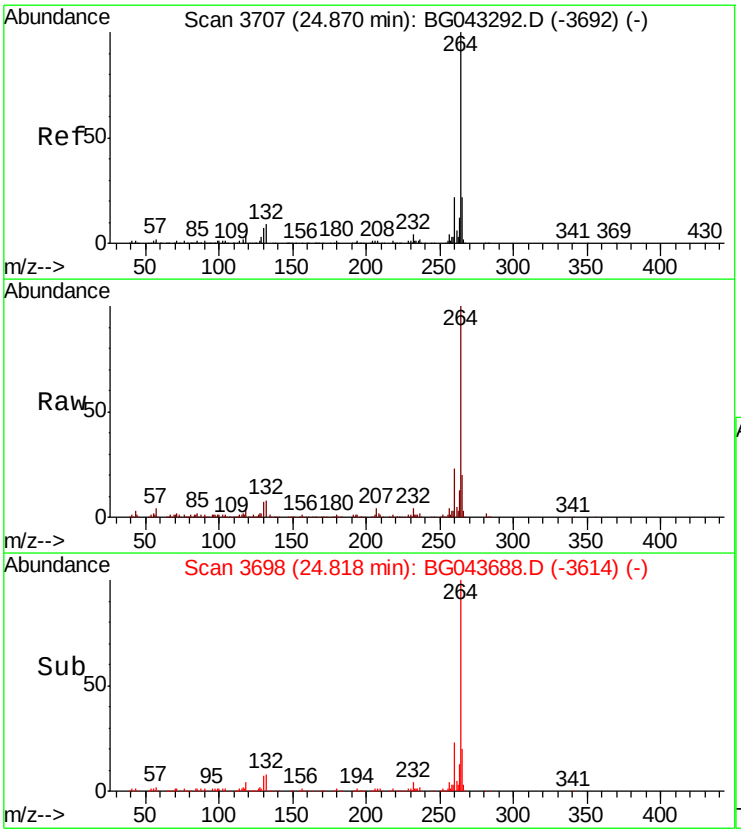
#79
Terphenyl-d14
Concen: 69.421 ng
RT: 19.98 min Scan# 2875
Delta R.T. -0.02 min
Lab File: BG043688.D
Acq: 19 Nov 2019 00:49

Instrument :
BNA_G
ClientSampleId :
7-(12-14)

Tgt Ion:244 Resp: 760863

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.6
122	6.0	5.4	8.2





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.82 min Scan# 3698
Delta R.T. -0.03 min
Lab File: BG043688.D
Acq: 19 Nov 2019 00:49

Tgt Ion:264 Resp: 245104

Ion	Ratio	Lower	Upper
264	100		
260	23.2	17.5	26.3
265	19.6	17.4	26.0