Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111519\
Data File : BG043668.D
Acq On : 16 Nov 2019 2:22
Operator : JU
Sample : K5828-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GE-MW-57A-2

Quant Time: Nov 16 05:30:40 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	20621	20.00	ng	-0.02
21) Naphthalene-d8	10.80	136	78293	20.00	ng	-0.01
39) Acenaphthene-d10	14.62	164	63719	20.00	ng	-0.02
64) Phenanthrene-d10	17.37	188	168885	20.00	ng	-0.02
76) Chrysene-d12	21.63	240	188591	20.00	ng	-0.03
87) Perylene-d12	24.82	264	221270	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	76419	67.91	ng	0.00
7) Phenol-d6	7.19	99	71828	44.36	ng	0.00
23) Nitrobenzene-d5	9.16	82	140624	92.60	ng	-0.02
42) 2,4,6-Tribromophenol	16.12	330	112120	92.46	ng	-0.01
45) 2-Fluorobiphenyl	13.25	172	422234	91.57	ng	-0.02
79) Terphenyl-d14	19.98	244	965980	96.09	ng	-0.02
Target Compounds						Qvalue
10) Phenol	7.21	94	7872	5.321	ng	90
50) Dimethylphthalate	14.08	163	24444	4.953	ng	99

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

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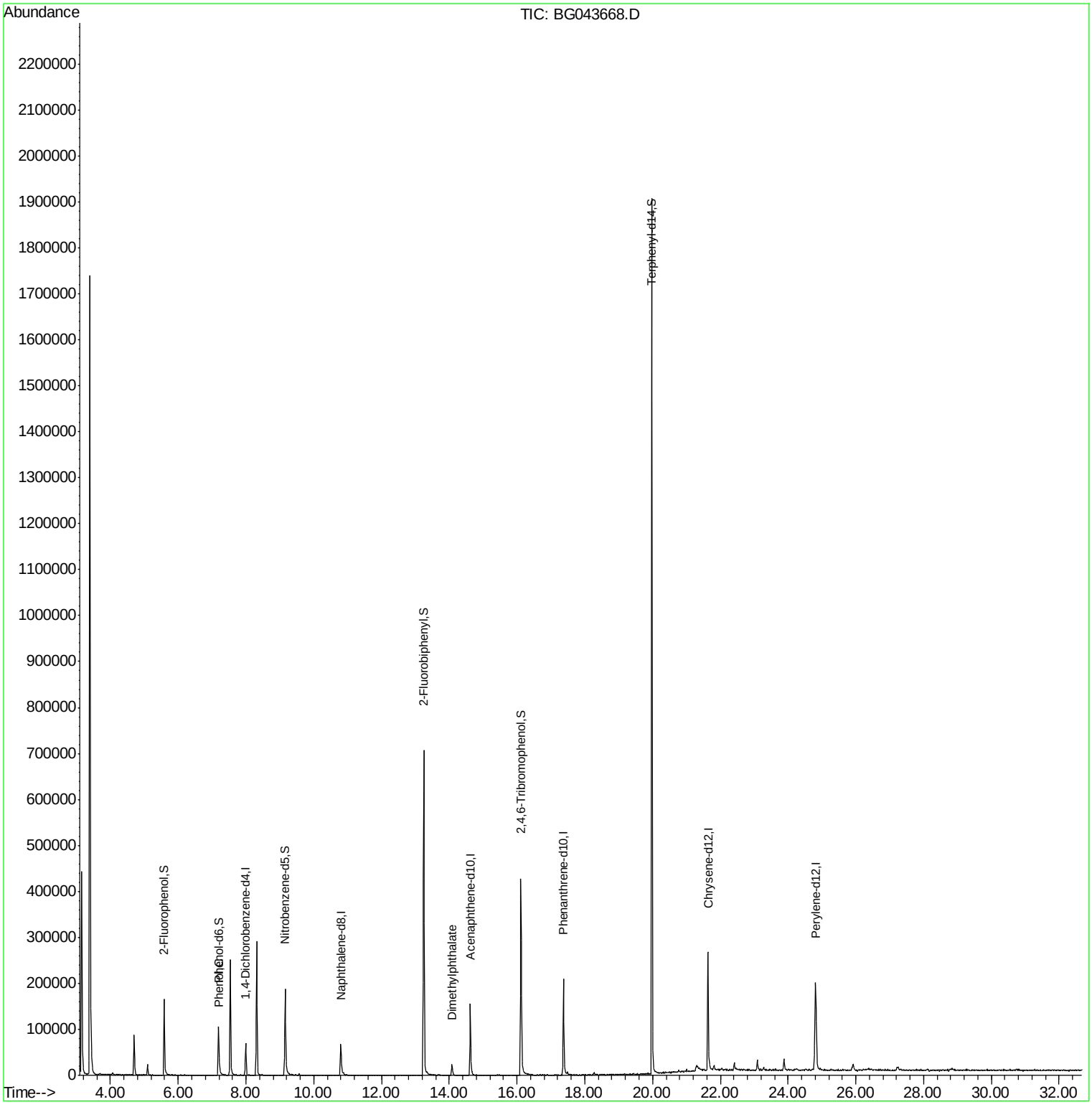
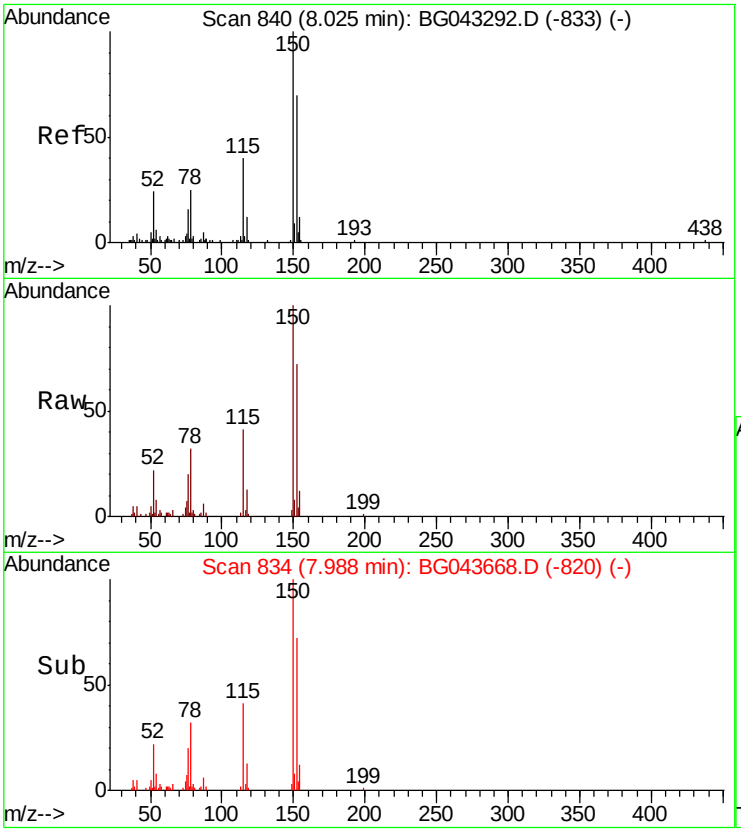


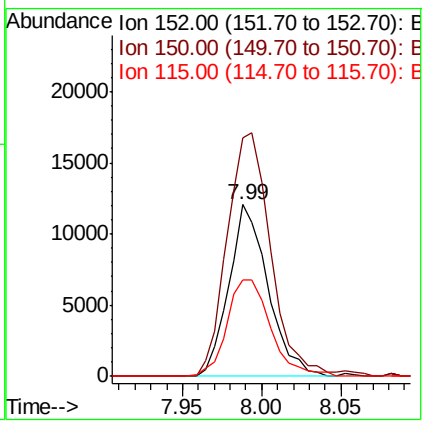


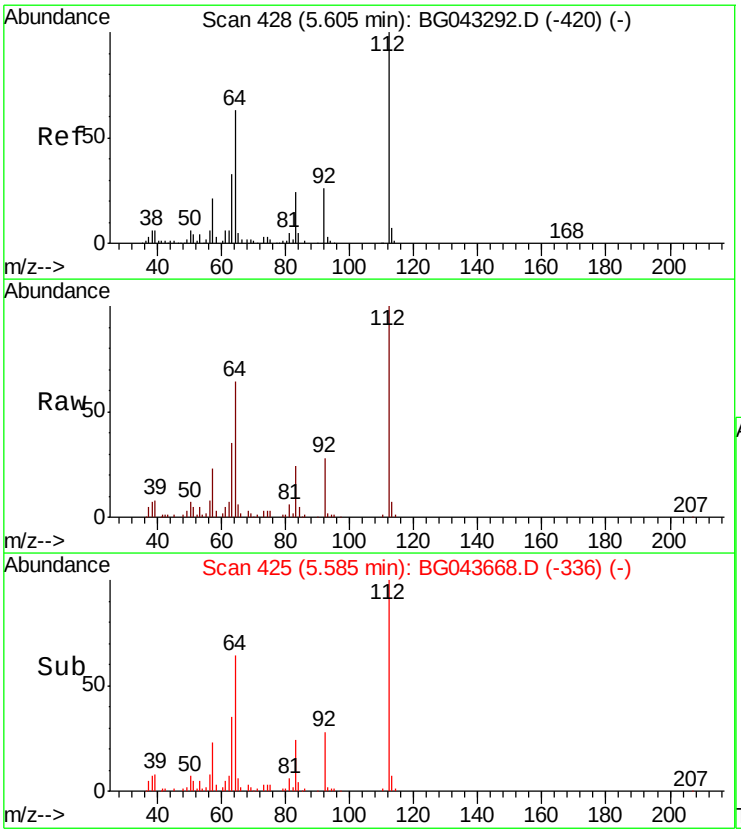
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 834
Delta R.T. -0.02 min
Lab File: BG043668.D
Acq: 16 Nov 2019 2:22

Instrument :
BNA_G
ClientSampleId :
GE-MW-57A-2

Tgt Ion:152 Resp: 20621

Ion	Ratio	Lower	Upper
152	100		
150	139.0	129.4	194.0
115	56.4	48.8	73.2

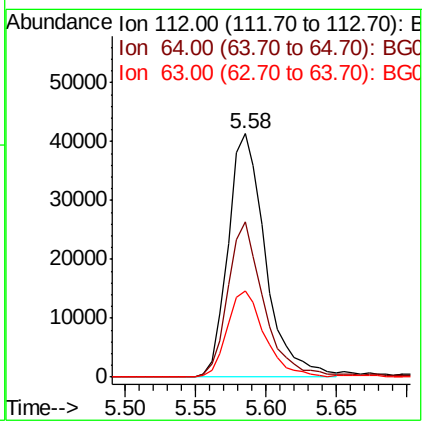


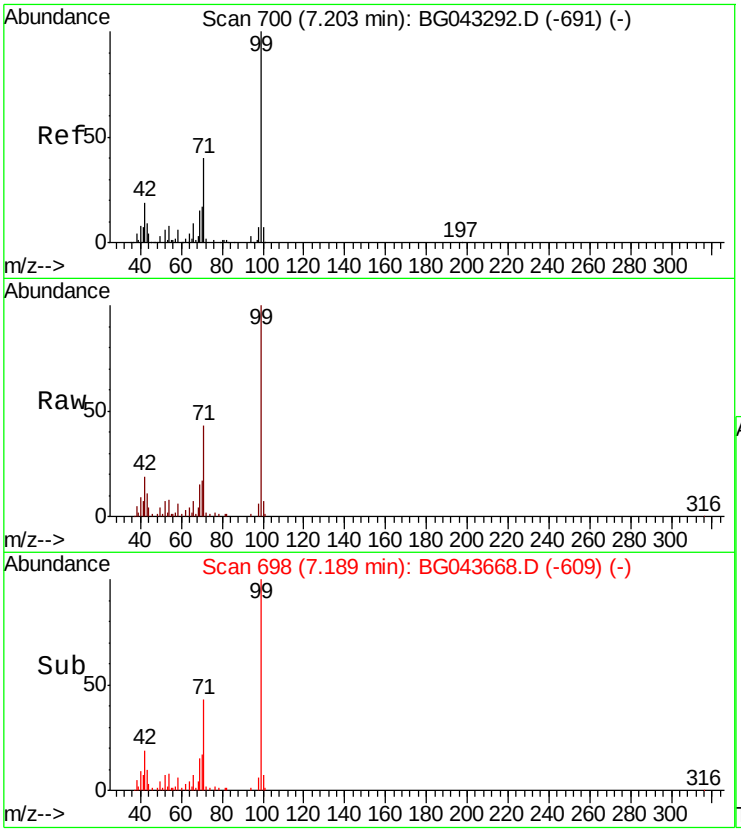


#5
2-Fluorophenol
Concen: 67.908 ng
RT: 5.58 min Scan# 425
Delta R.T. -0.01 min
Lab File: BG043668.D
Acq: 16 Nov 2019 2:22

Tgt Ion:112 Resp: 76419

Ion	Ratio	Lower	Upper
112	100		
64	63.9	50.0	75.0
63	35.4	26.6	40.0



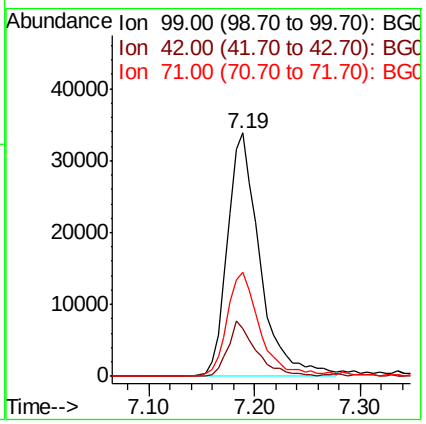


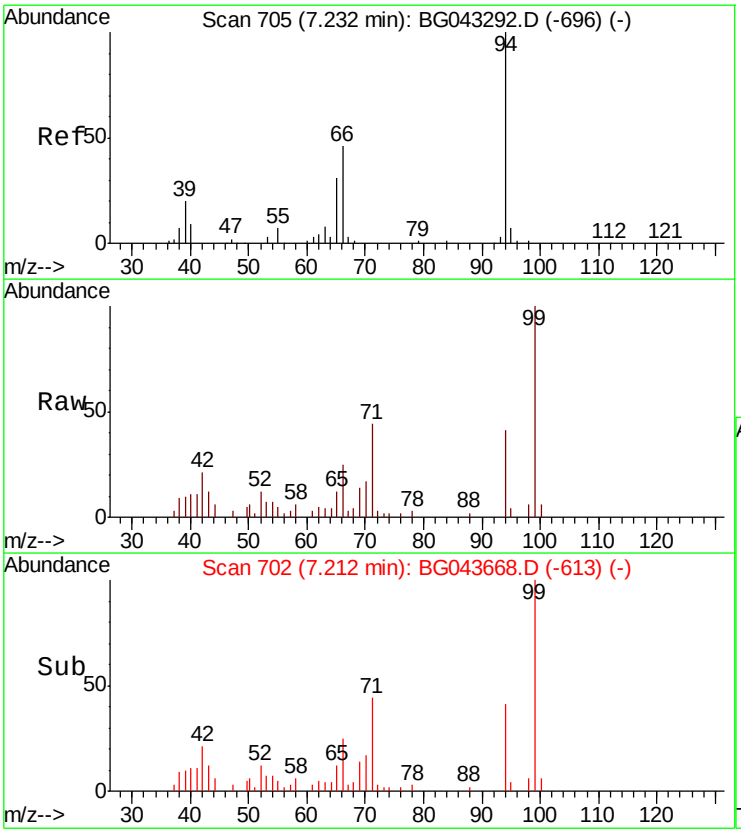
#7
Phenol-d6
Concen: 44.364 ng
RT: 7.19 min Scan# 698
Delta R.T. -0.01 min
Lab File: BG043668.D
Acq: 16 Nov 2019 2:22

Instrument :
BNA_G
ClientSampleId :
GE-MW-57A-2

Tgt Ion: 99 Resp: 71828

Ion	Ratio	Lower	Upper
99	100		
42	19.4	14.6	21.8
71	42.5	32.5	48.7

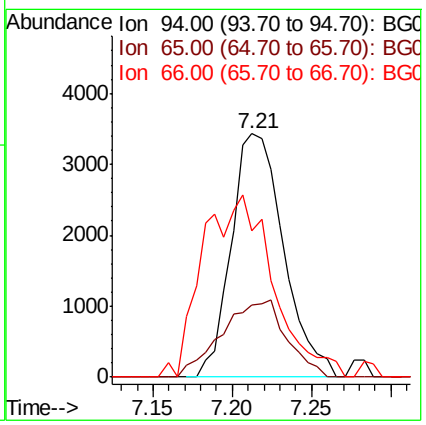


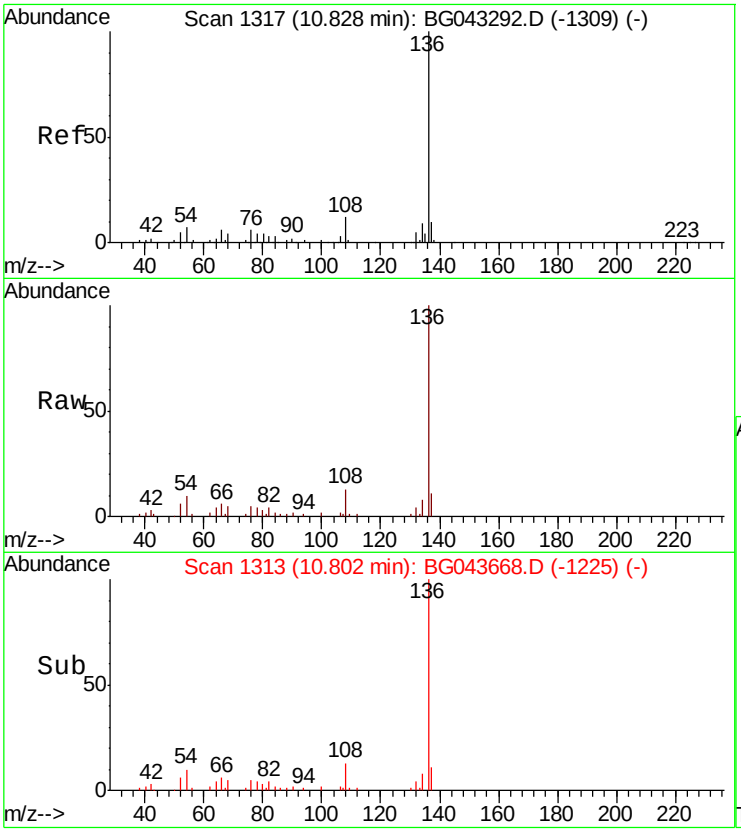


#10
Phenol
Concen: 5.321 ng
RT: 7.21 min Scan# 702
Delta R.T. -0.01 min
Lab File: BG043668.D
Acq: 16 Nov 2019 2:22

Tgt Ion: 94 Resp: 7872

Ion	Ratio	Lower	Upper
94	100		
65	29.6	12.6	52.6
66	60.1	30.7	70.7



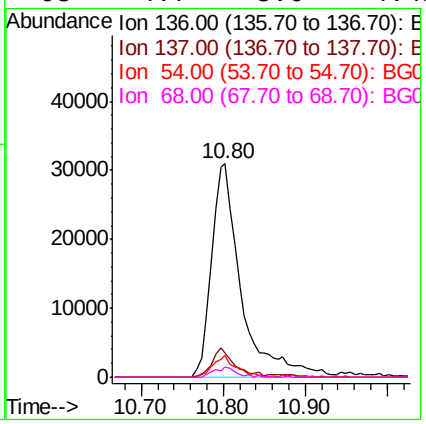


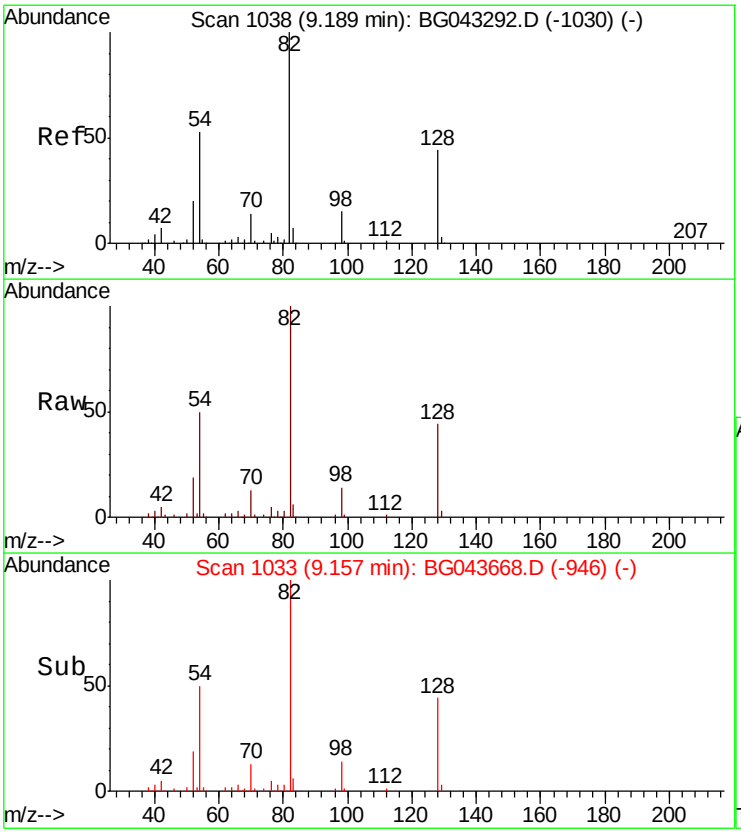
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BG043668.D
Acq: 16 Nov 2019 2:22

Instrument :
BNA_G
ClientSampleId :
GE-MW-57A-2

Tgt Ion:136 Resp: 78293

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.7	13.1
54	10.0	5.4	8.2#
68	4.7	3.0	4.4#

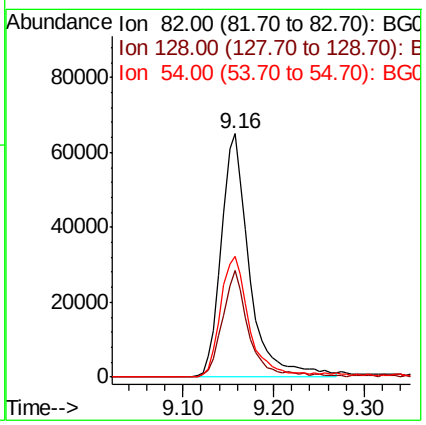


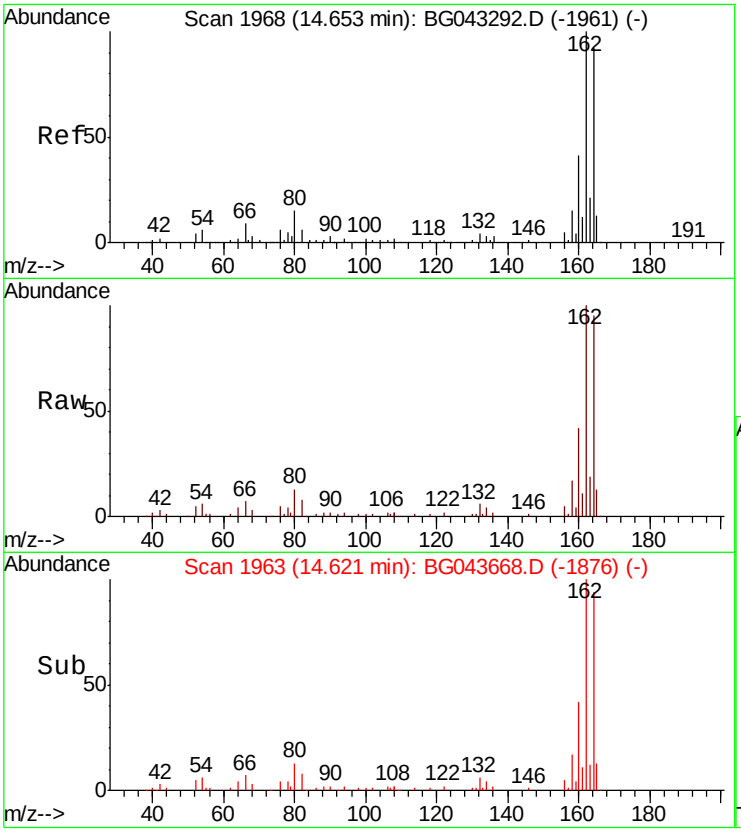


#23
Nitrobenzene-d5
Concen: 92.598 ng
RT: 9.16 min Scan# 1033
Delta R.T. -0.02 min
Lab File: BG043668.D
Acq: 16 Nov 2019 2:22

Tgt Ion: 82 Resp: 140624

Ion	Ratio	Lower	Upper
82	100		
128	44.0	35.0	52.6
54	49.6	40.2	60.2



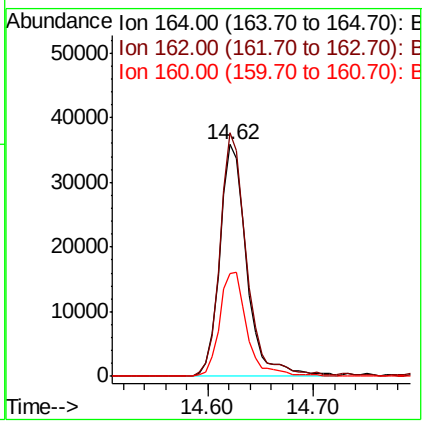


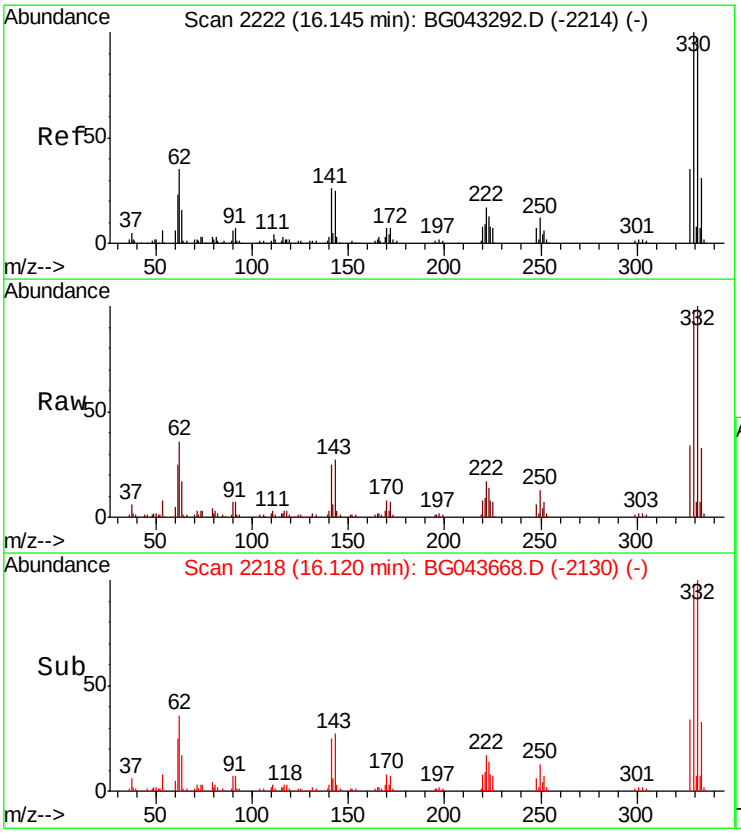
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.62 min Scan# 1963
Delta R.T. -0.02 min
Lab File: BG043668.D
Acq: 16 Nov 2019 2:22

Instrument :
BNA_G
ClientSampleId :
GE-MW-57A-2

Tgt Ion:164 Resp: 63719

Ion	Ratio	Lower	Upper
164	100		
162	105.0	83.5	125.3
160	44.4	36.5	54.7

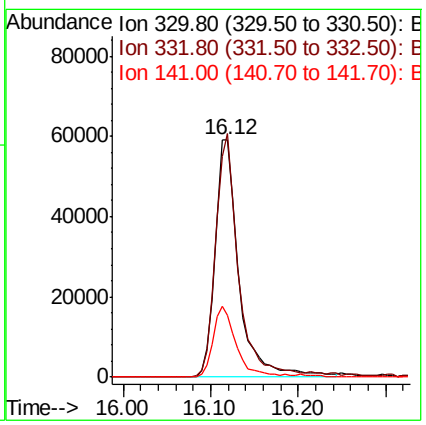


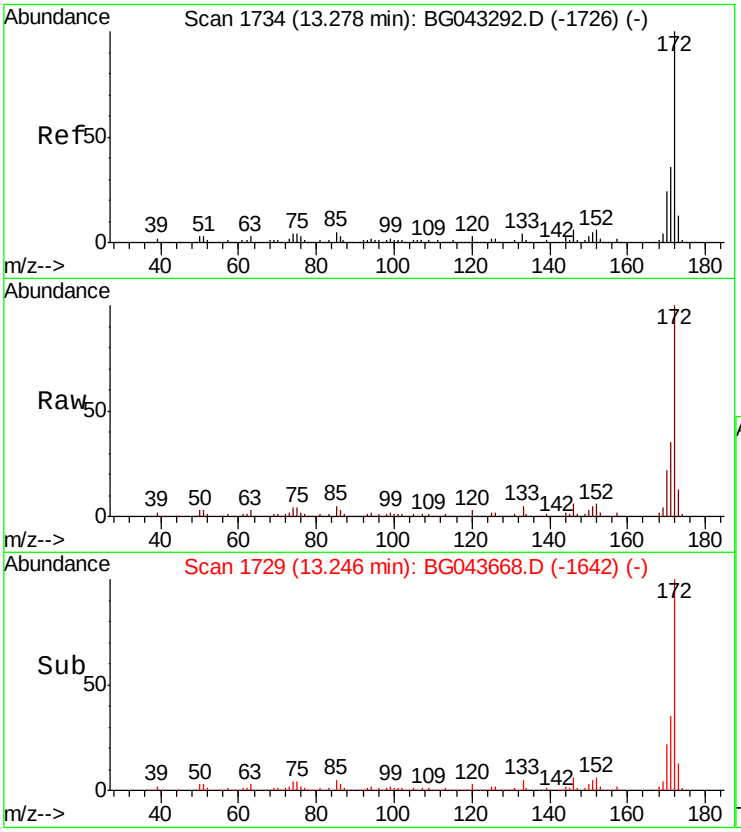


#42
2,4,6-Tribromophenol
Concen: 92.464 ng
RT: 16.12 min Scan# 2218
Delta R.T. -0.01 min
Lab File: BG043668.D
Acq: 16 Nov 2019 2:22

Tgt Ion:330 Resp: 112120

Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.4	116.0
141	29.9	22.8	34.2



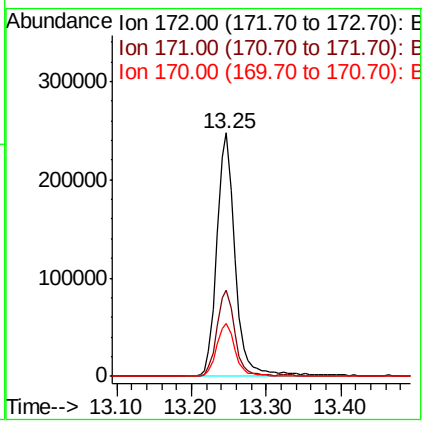


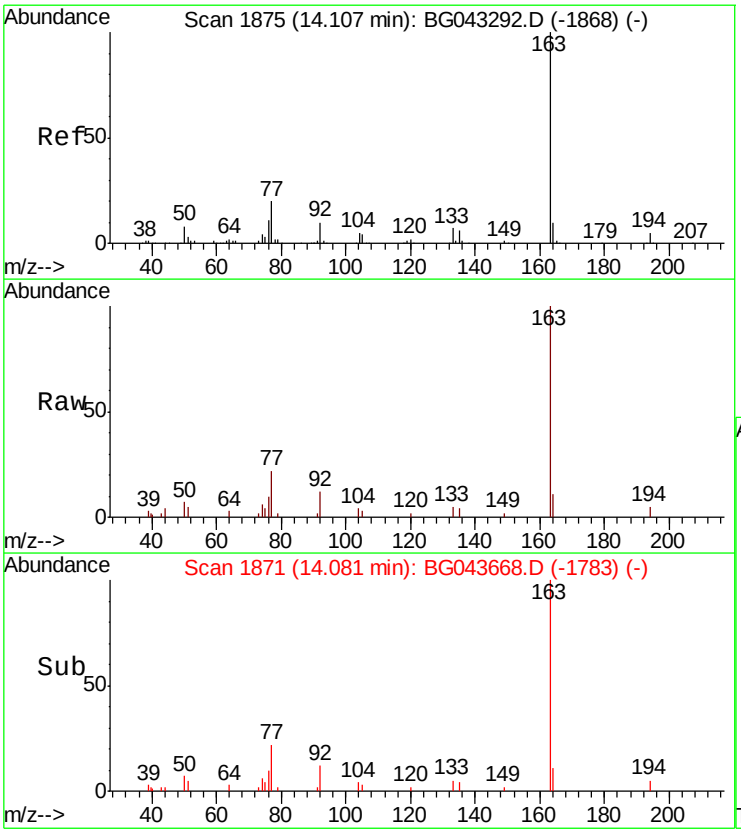
#45
2-Fluorobiphenyl
Concen: 91.565 ng
RT: 13.25 min Scan# 1729
Delta R.T. -0.02 min
Lab File: BG043668.D
Acq: 16 Nov 2019 2:22

Instrument :
BNA_G
ClientSampleId :
GE-MW-57A-2

Tgt Ion:172 Resp: 422234

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.9	43.3
170	21.7	18.5	27.7

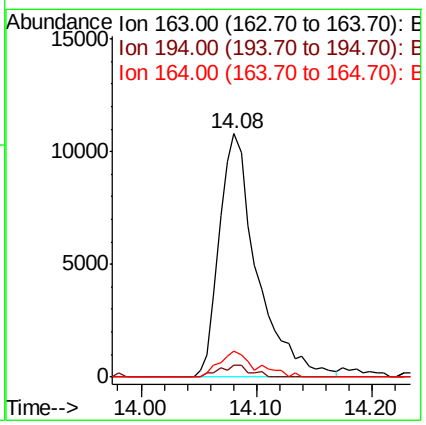


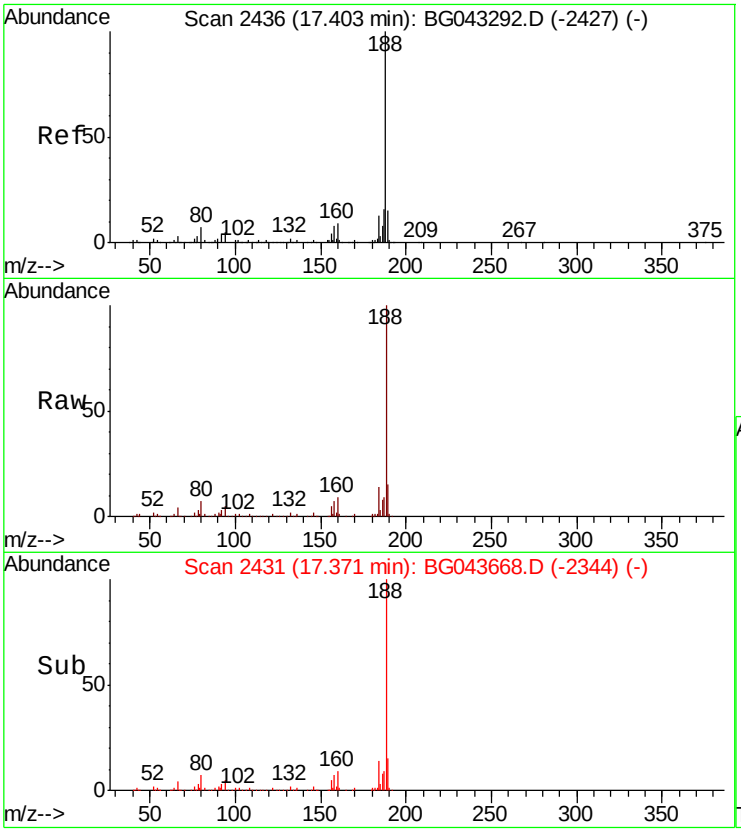


#50
Dimethylphthalate
Concen: 4.953 ng
RT: 14.08 min Scan# 1871
Delta R.T. -0.01 min
Lab File: BG043668.D
Acq: 16 Nov 2019 2:22

Tgt Ion:163 Resp: 24444

Ion	Ratio	Lower	Upper
163	100		
194	5.2	3.8	5.6
164	10.9	8.9	13.3



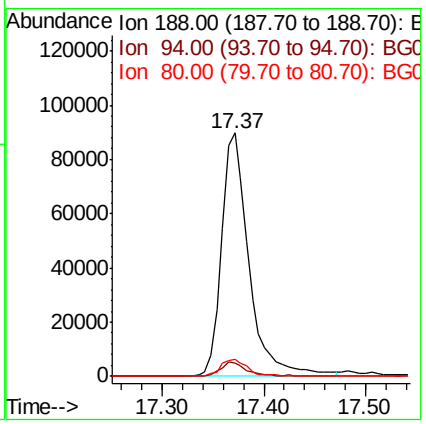


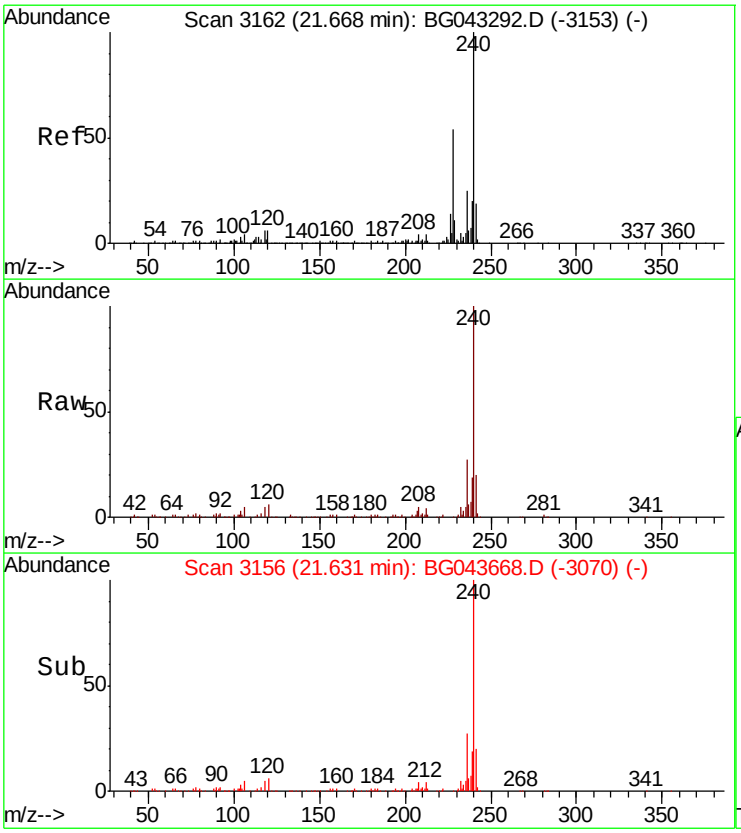
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.37 min Scan# 2431
Delta R.T. -0.02 min
Lab File: BG043668.D
Acq: 16 Nov 2019 2:22

Instrument :
BNA_G
ClientSampleId :
GE-MW-57A-2

Tgt Ion:188 Resp: 168885

Ion	Ratio	Lower	Upper
188	100		
94	5.2	4.2	6.4
80	7.2	4.5	6.7#

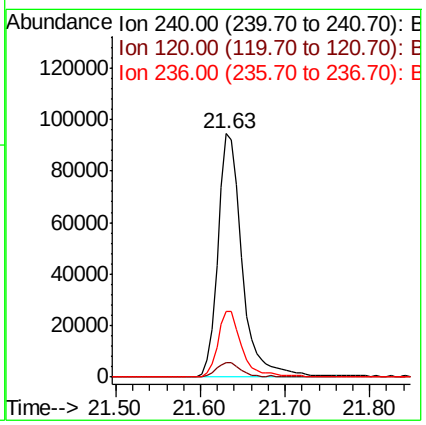


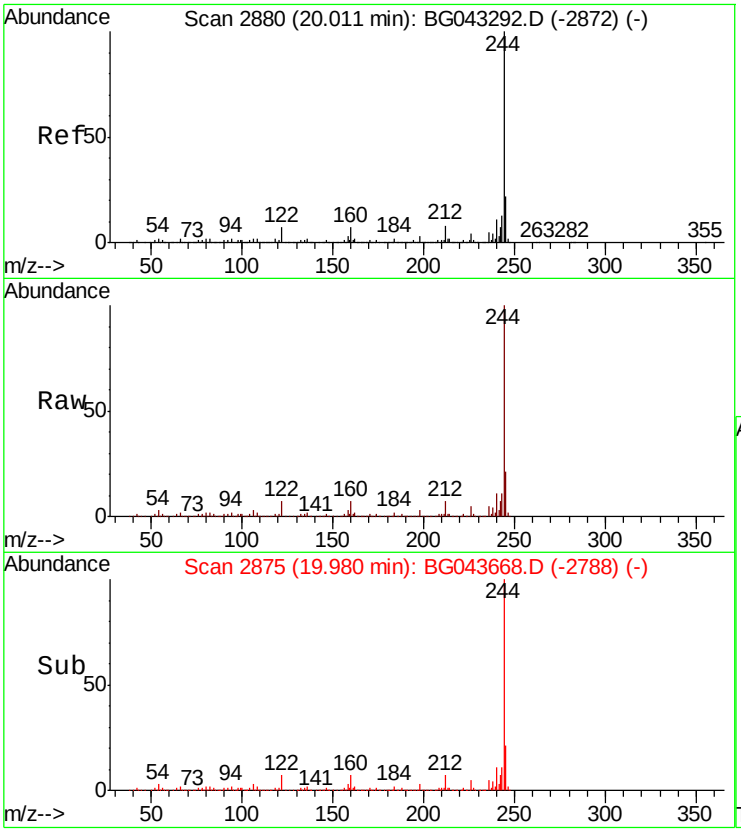


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.63 min Scan# 3156
Delta R.T. -0.03 min
Lab File: BG043668.D
Acq: 16 Nov 2019 2:22

Tgt Ion:240 Resp: 188591

Ion	Ratio	Lower	Upper
240	100		
120	5.9	4.6	6.8
236	27.1	19.8	29.8



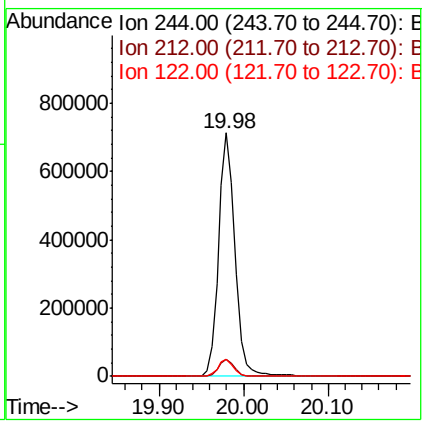


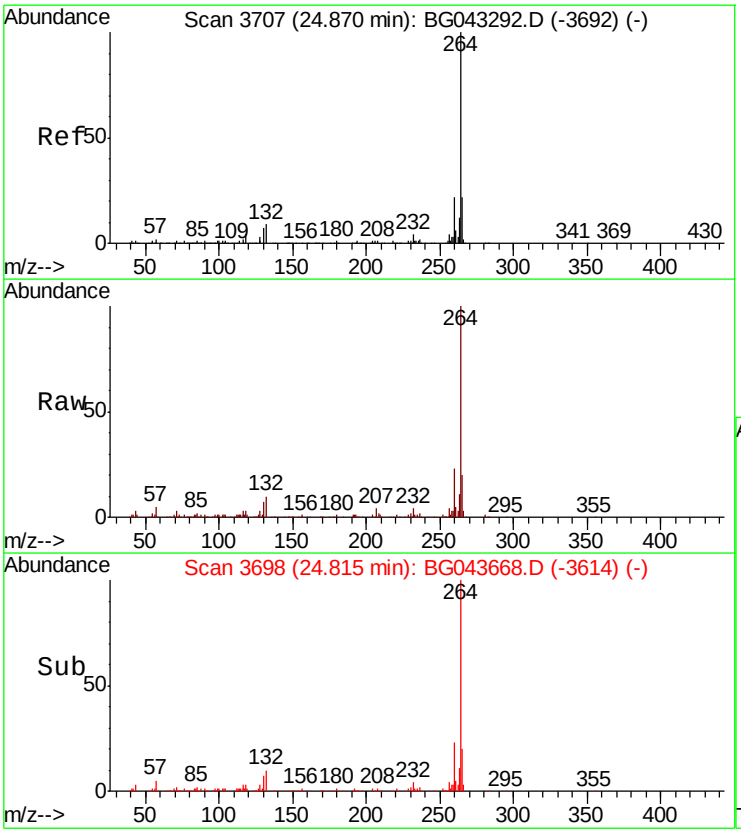
#79
Terphenyl-d14
Concen: 96.093 ng
RT: 19.98 min Scan# 2875
Delta R.T. -0.02 min
Lab File: BG043668.D
Acq: 16 Nov 2019 2:22

Instrument :
BNA_G
ClientSampleId :
GE-MW-57A-2

Tgt Ion:244 Resp: 965980

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.6
122	6.7	5.4	8.2





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.82 min Scan# 3698
Delta R.T. -0.04 min
Lab File: BG043668.D
Acq: 16 Nov 2019 2:22

Tgt Ion:264 Resp: 221270

Ion	Ratio	Lower	Upper
264	100		
260	23.3	17.5	26.3
265	20.5	17.4	26.0