Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111519\
Data File : BG043664.D
Acq On : 15 Nov 2019 23:46
Operator : JU
Sample : K5804-01DL 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
GE-MW-58-1SDL

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Quant Time: Nov 16 02:34:24 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	27272	20.00	ng	-0.01
21) Naphthalene-d8	10.80	136	114514	20.00	ng	-0.02
39) Acenaphthene-d10	14.62	164	87315	20.00	ng	-0.02
64) Phenanthrene-d10	17.37	188	225700	20.00	ng	-0.02
76) Chrysene-d12	21.64	240	257080	20.00	ng	-0.02
87) Perylene-d12	24.82	264	298613	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	7303	4.91	ng	0.00
7) Phenol-d6	7.21	99	5100	2.38	ng	0.01
23) Nitrobenzene-d5	9.16	82	11562	5.21	ng	-0.01
42) 2,4,6-Tribromophenol	16.14	330	8206	4.94	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	42504	6.73	ng	-0.01
79) Terphenyl-d14	19.98	244	101738	7.42	ng	-0.02
Target Compounds						Qvalue
31) Naphthalene	10.85	128	174556	30.030	ng	99
37) 2-Methylnaphthalene	12.46	142	28468	6.383	ng	89
38) 1-Methylnaphthalene	12.67	142	17773m	4.188	ng	

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

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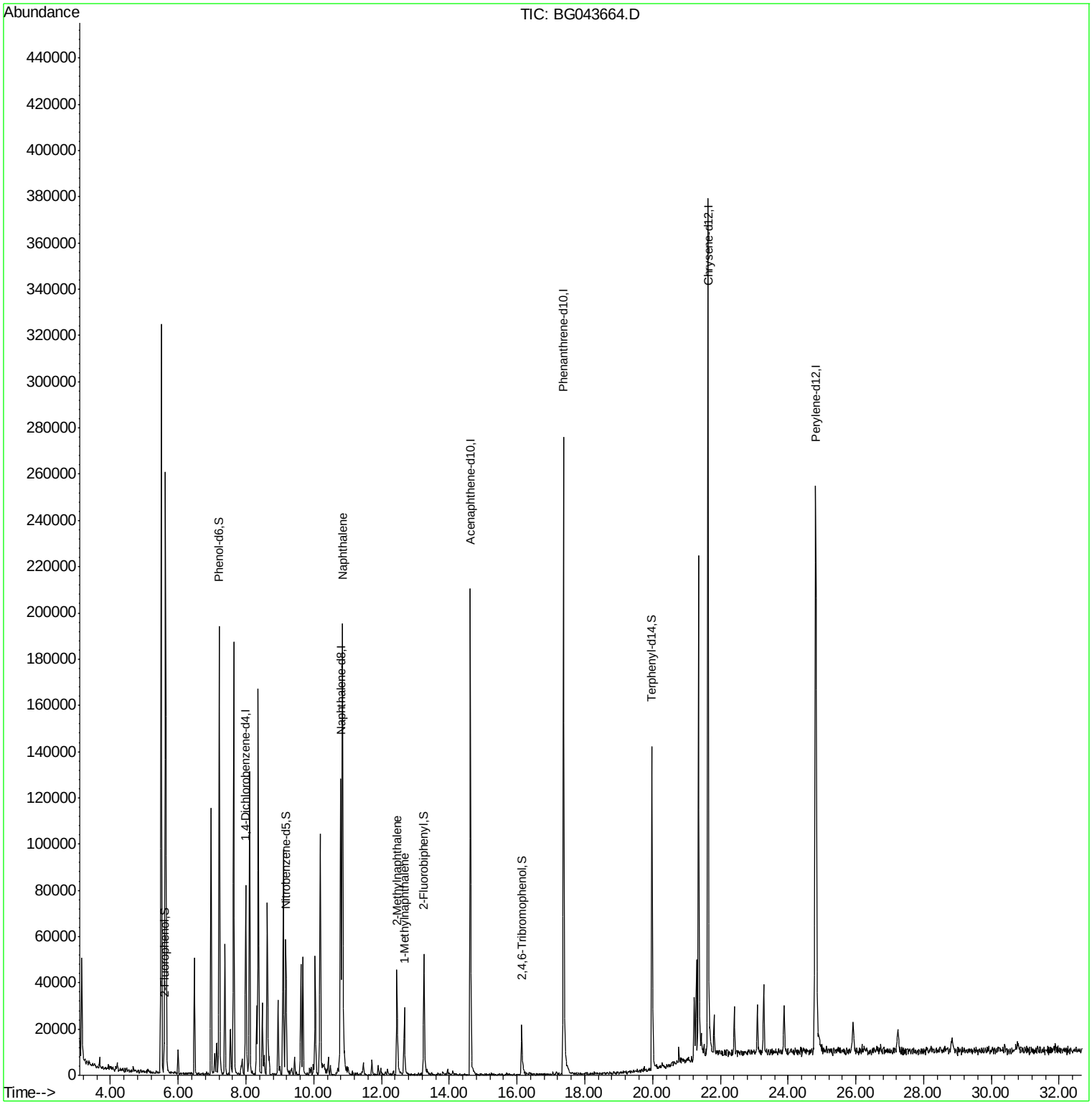
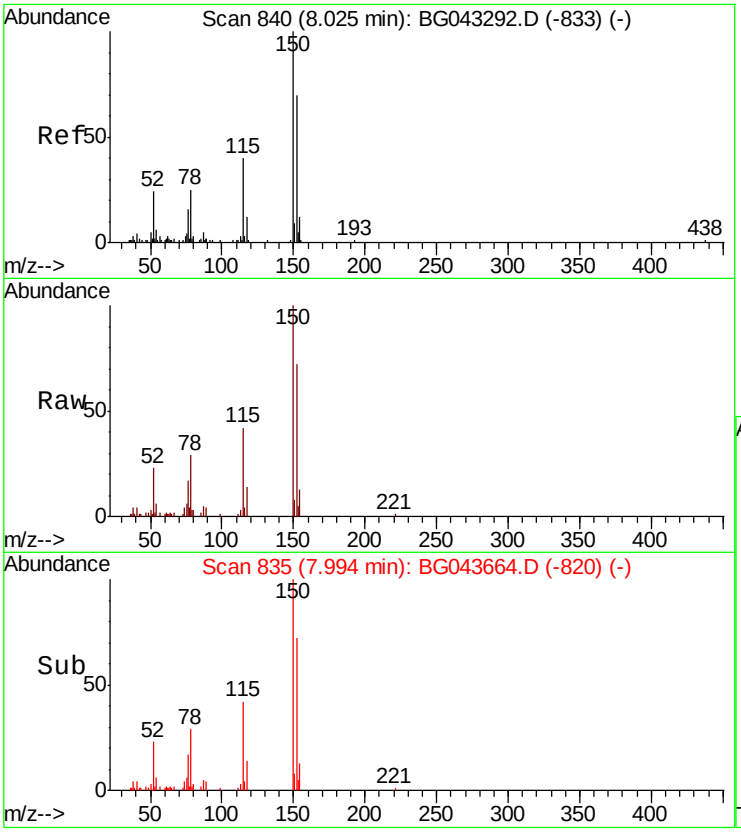
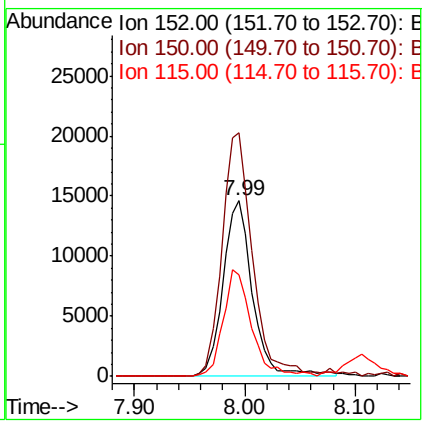




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG043664.D
Acq: 15 Nov 2019 23:46

Tgt Ion:152 Resp: 27272

Ion	Ratio	Lower	Upper
152	100		
150	138.6	129.4	194.0
115	57.8	48.8	73.2



Instrument :
BNA_G
ClientSampleId :
GE-MW-58-1SDL

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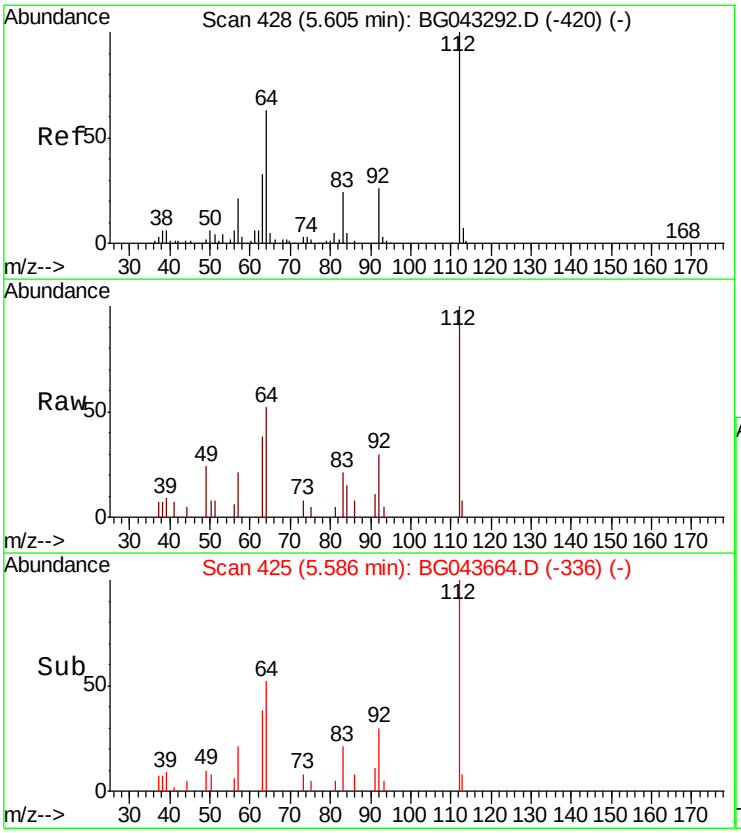
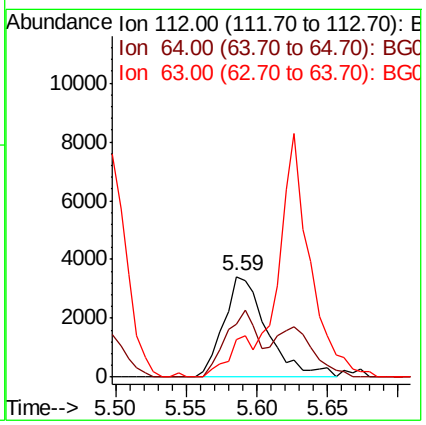
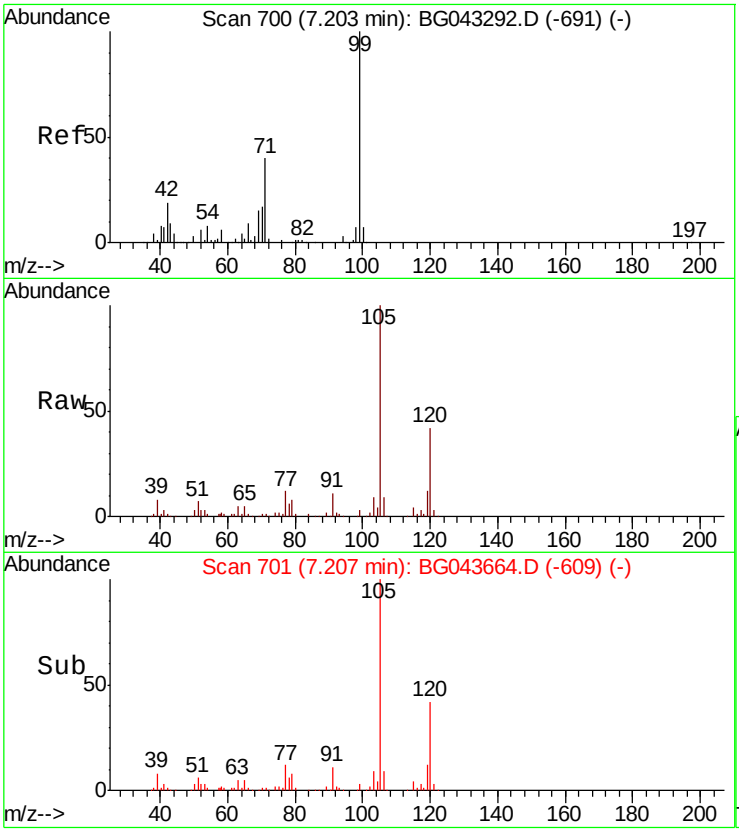


#5
2-Fluorophenol
Concen: 4.907 ng
RT: 5.59 min Scan# 425
Delta R.T. -0.01 min
Lab File: BG043664.D
Acq: 15 Nov 2019 23:46

Tgt Ion:112 Resp: 7303

Ion	Ratio	Lower	Upper
112	100		
64	52.2	50.0	75.0
63	38.0	26.6	40.0

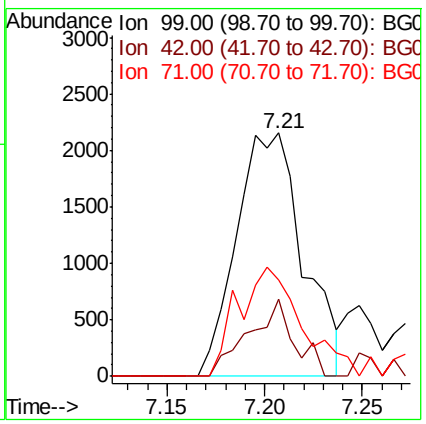




#7
Phenol-d6
Concen: 2.382 ng
RT: 7.21 min Scan# 701
Delta R.T. 0.01 min
Lab File: BG043664.D
Acq: 15 Nov 2019 23:46

Tgt Ion: 99 Resp: 5100

Ion	Ratio	Lower	Upper
99	100		
42	31.7	14.6	21.8#
71	39.8	32.5	48.7



Instrument :
BNA_G
ClientSampleId :
GE-MW-58-1SDL

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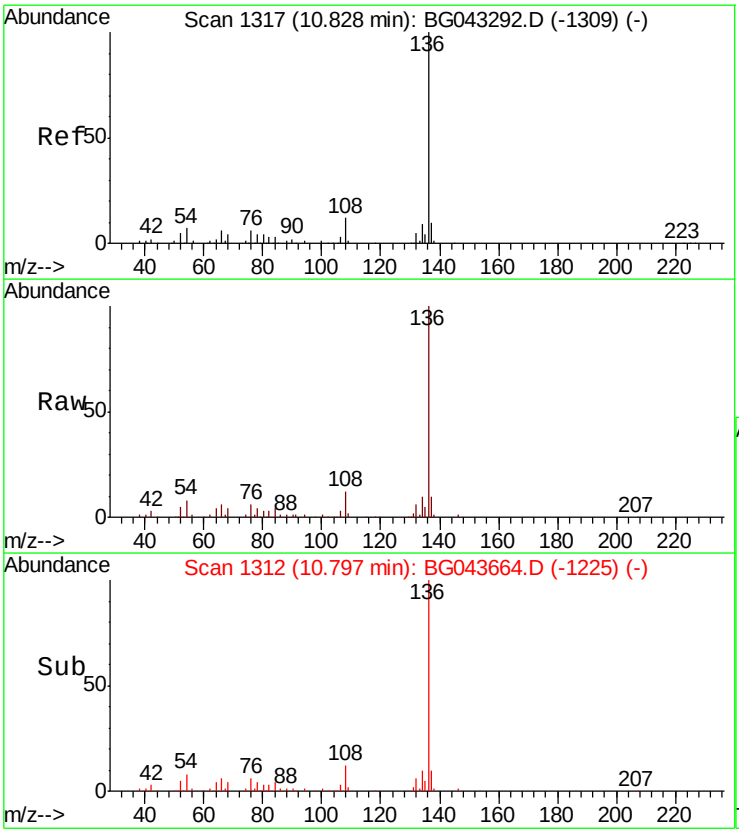
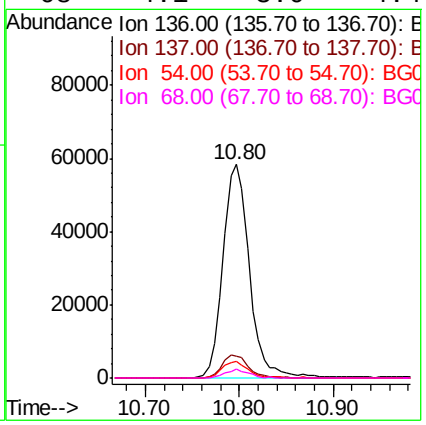
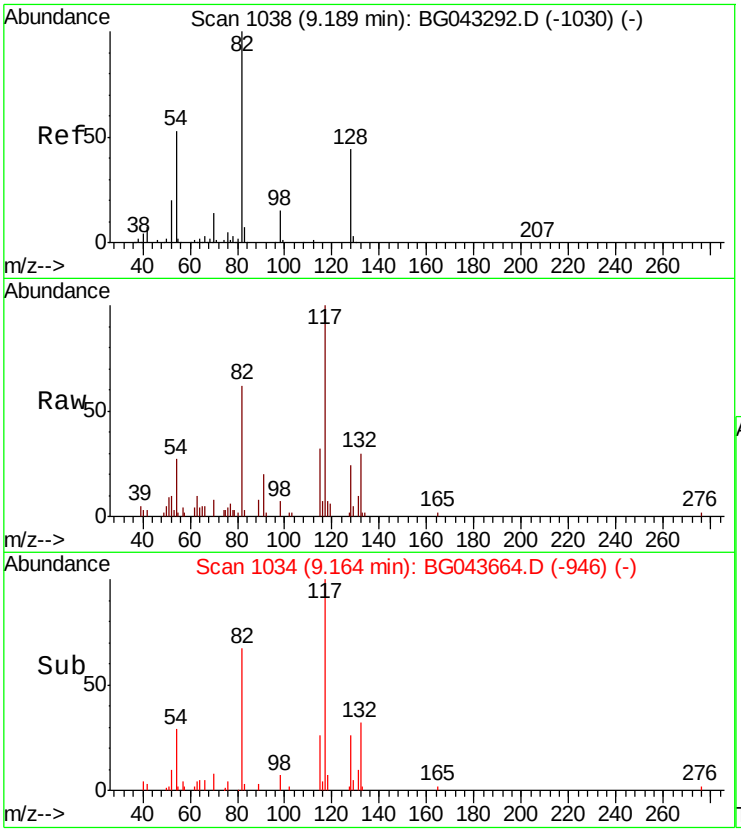


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1312
Delta R.T. -0.02 min
Lab File: BG043664.D
Acq: 15 Nov 2019 23:46

Tgt Ion:136 Resp: 114514

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.7	13.1
54	8.0	5.4	8.2
68	4.1	3.0	4.4

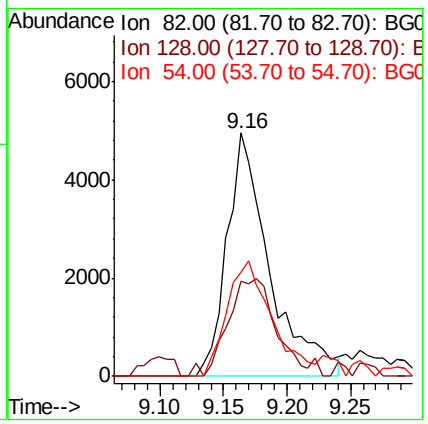




#23
Nitrobenzene-d5
Concen: 5.205 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG043664.D
Acq: 15 Nov 2019 23:46

Tgt Ion: 82 Resp: 11562

Ion	Ratio	Lower	Upper
82	100		
128	39.0	35.0	52.6
54	42.9	40.2	60.2



Instrument :
BNA_G
ClientSampleId :
GE-MW-58-1SDL

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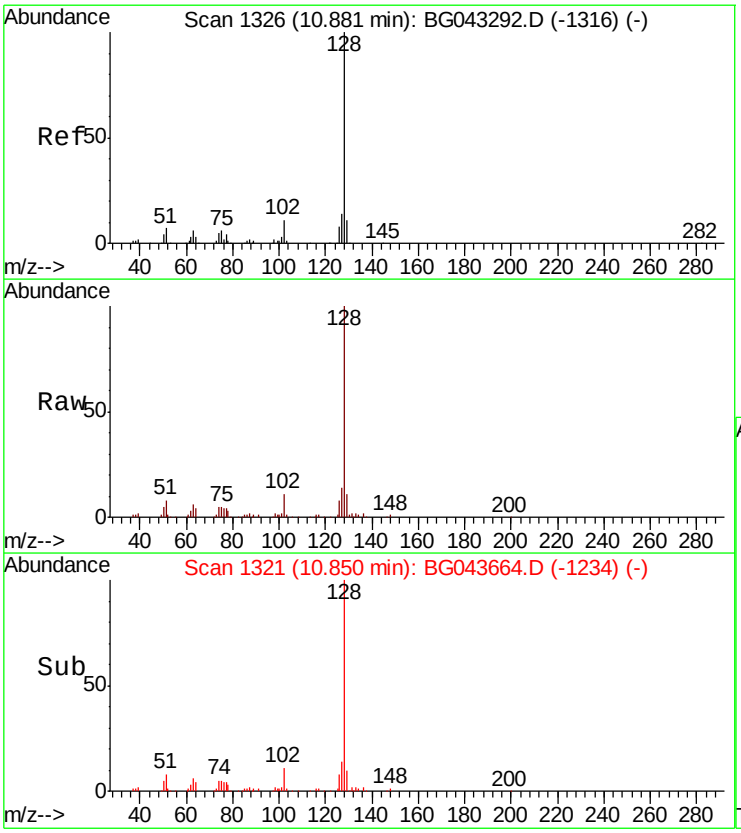
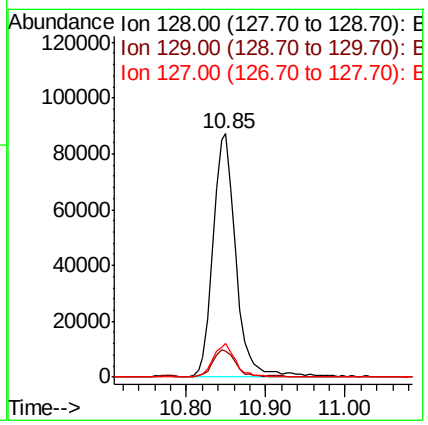
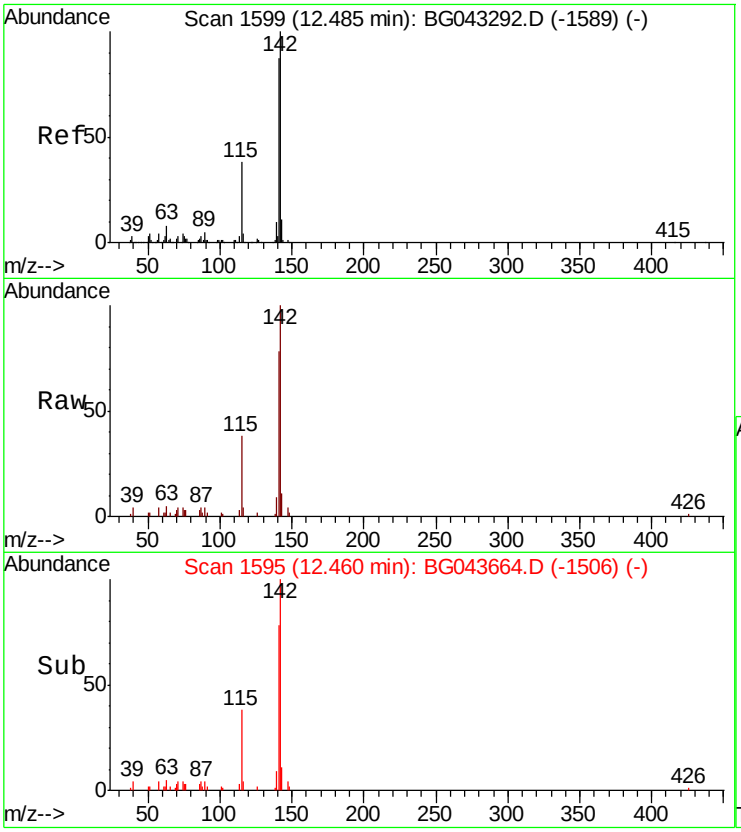


#31
Naphthalene
Concen: 30.030 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.02 min
Lab File: BG043664.D
Acq: 15 Nov 2019 23:46

Tgt Ion:128 Resp: 174556

Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.4	14.0
127	13.6	11.1	16.7

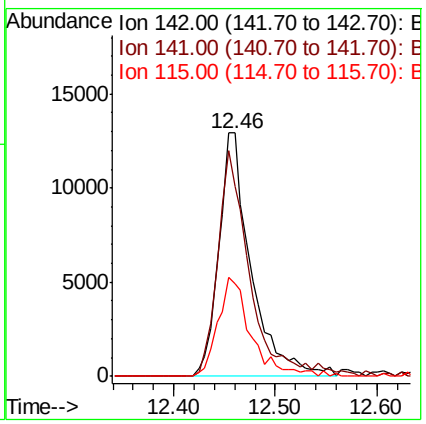




#37
2-Methylnaphthalene
Concen: 6.383 ng
RT: 12.46 min Scan# 1595
Delta R.T. -0.01 min
Lab File: BG043664.D
Acq: 15 Nov 2019 23:46

Tgt Ion:142 Resp: 28468

Ion	Ratio	Lower	Upper
142	100		
141	77.7	72.2	108.2
115	38.0	33.2	49.8



Instrument :
BNA_G
ClientSampleId :
GE-MW-58-1SDL

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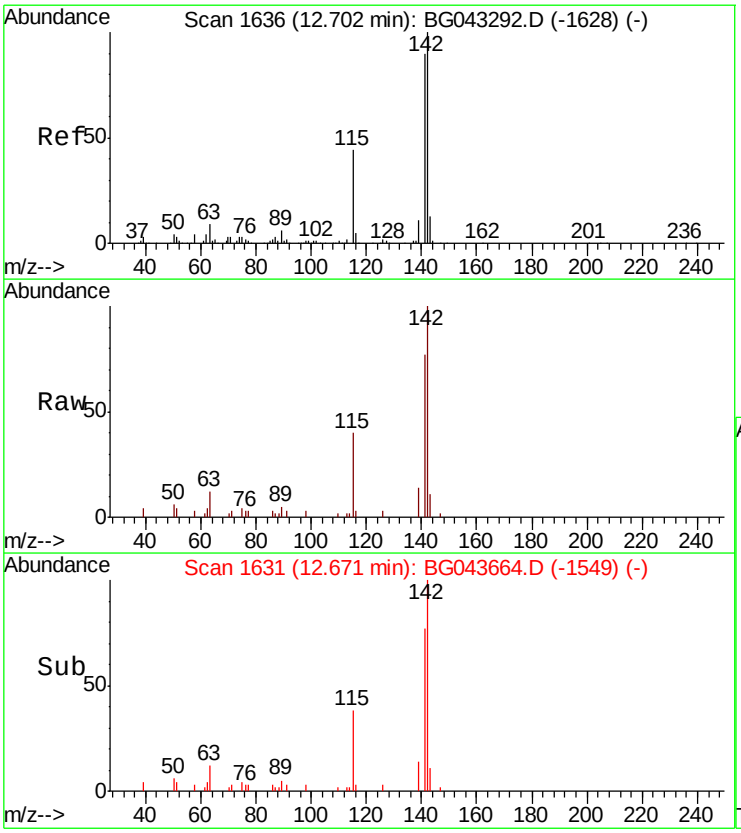
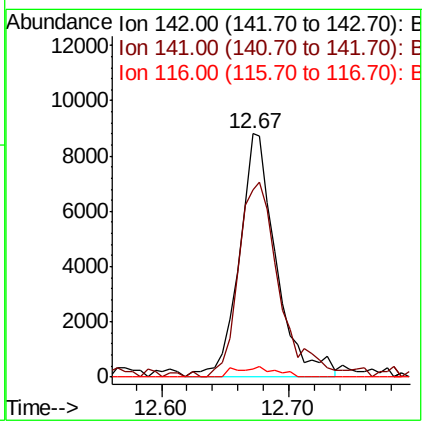
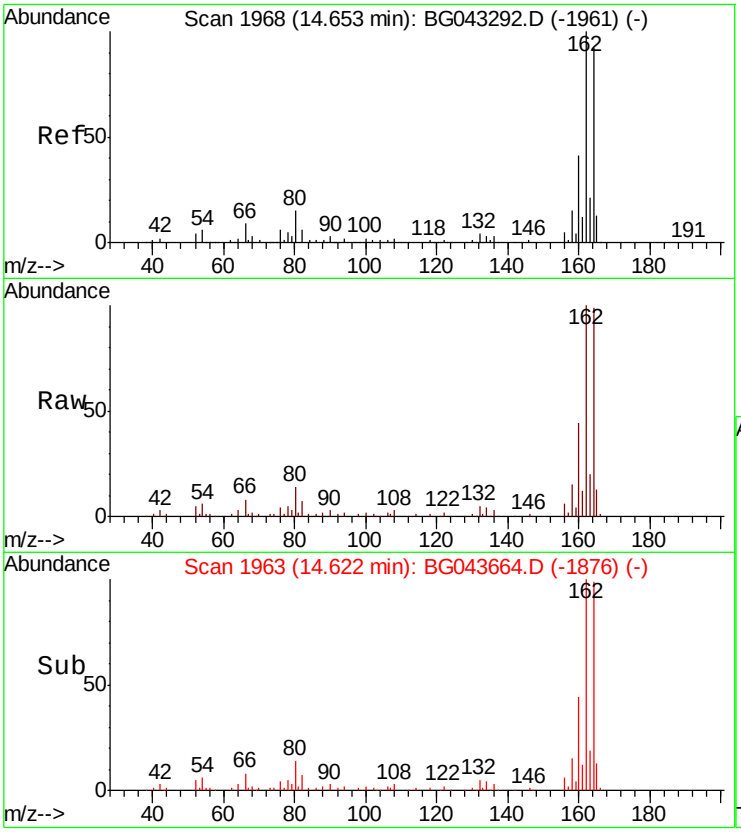


#38
1-Methylnaphthalene
Concen: 4.188 ng m
RT: 12.67 min Scan# 1631
Delta R.T. -0.02 min
Lab File: BG043664.D
Acq: 15 Nov 2019 23:46

Tgt Ion:142 Resp: 17773

Ion	Ratio	Lower	Upper
142	100		
141	77.1	73.2	109.8
116	3.3	3.6	5.4#

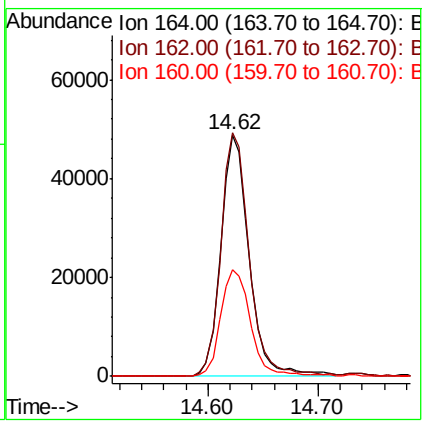




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.62 min Scan# 1963
Delta R.T. -0.02 min
Lab File: BG043664.D
Acq: 15 Nov 2019 23:46

Tgt Ion:164 Resp: 87315

Ion	Ratio	Lower	Upper
164	100		
162	101.0	83.5	125.3
160	44.0	36.5	54.7



Instrument :
BNA_G
ClientSampleId :
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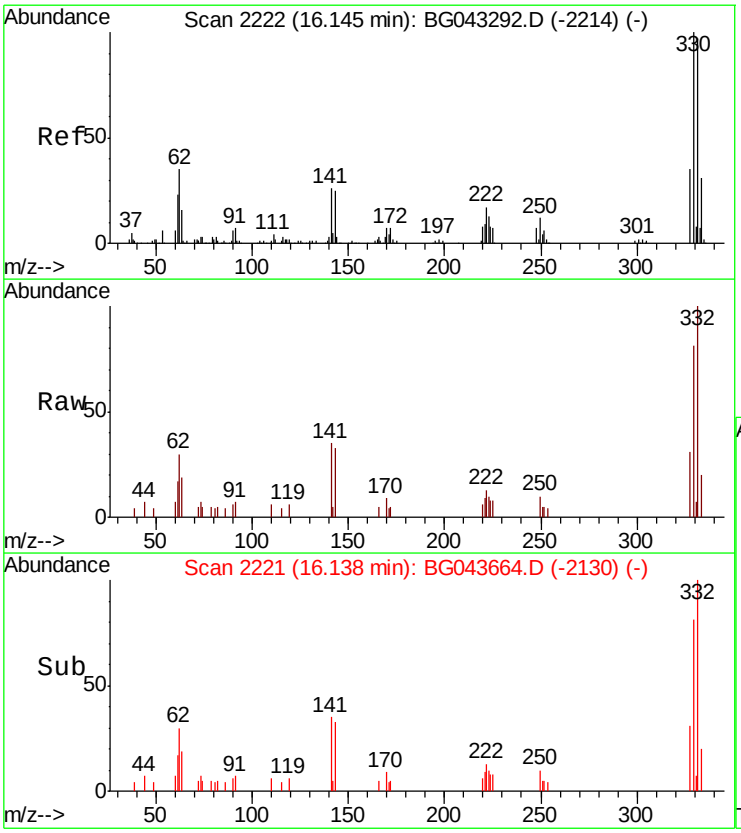
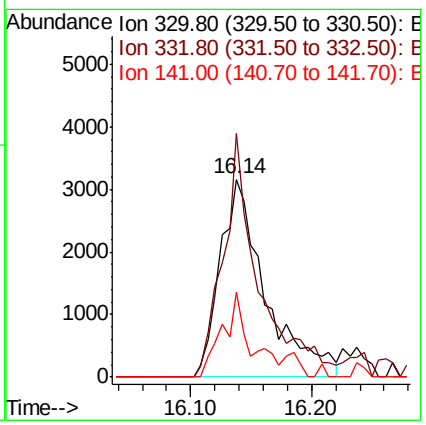
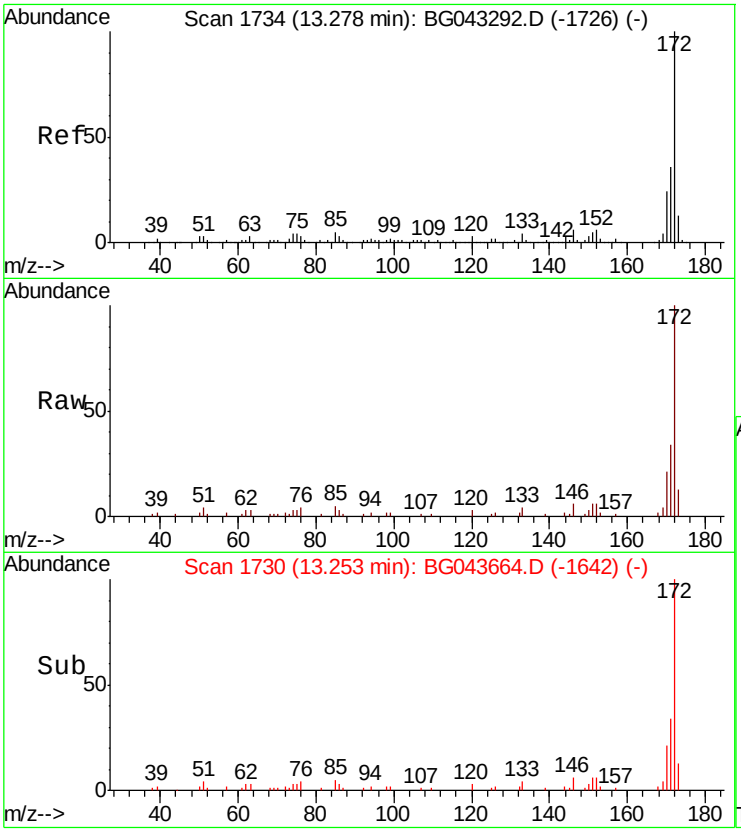


#42
2,4,6-Tribromophenol
Concen: 4.939 ng
RT: 16.14 min Scan# 2221
Delta R.T. 0.00 min
Lab File: BG043664.D
Acq: 15 Nov 2019 23:46

Tgt Ion:330 Resp: 8206

Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.4	116.0
141	26.4	22.8	34.2

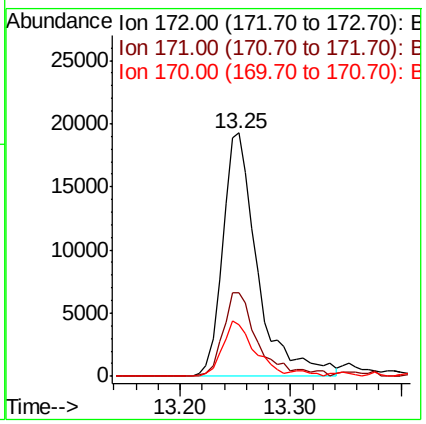




#45
2-Fluorobiphenyl
Concen: 6.726 ng
RT: 13.25 min Scan# 1730
Delta R.T. -0.01 min
Lab File: BG043664.D
Acq: 15 Nov 2019 23:46

Tgt Ion:172 Resp: 42504

Ion	Ratio	Lower	Upper
172	100		
171	34.1	28.9	43.3
170	21.2	18.5	27.7



Instrument :
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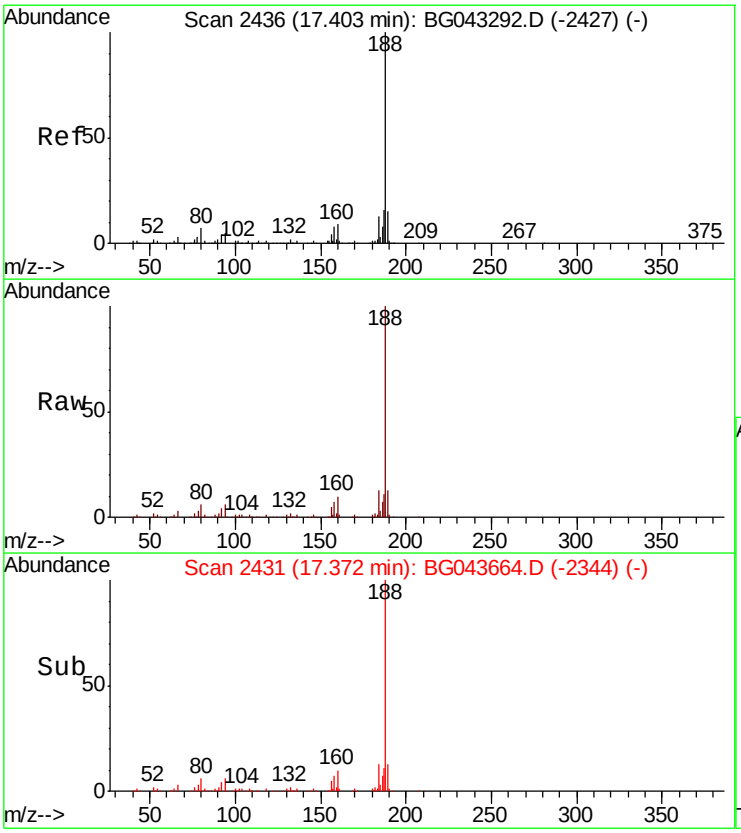
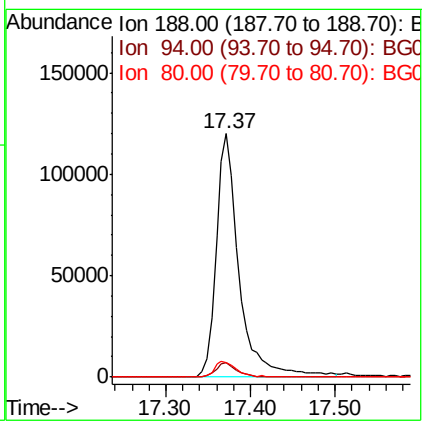
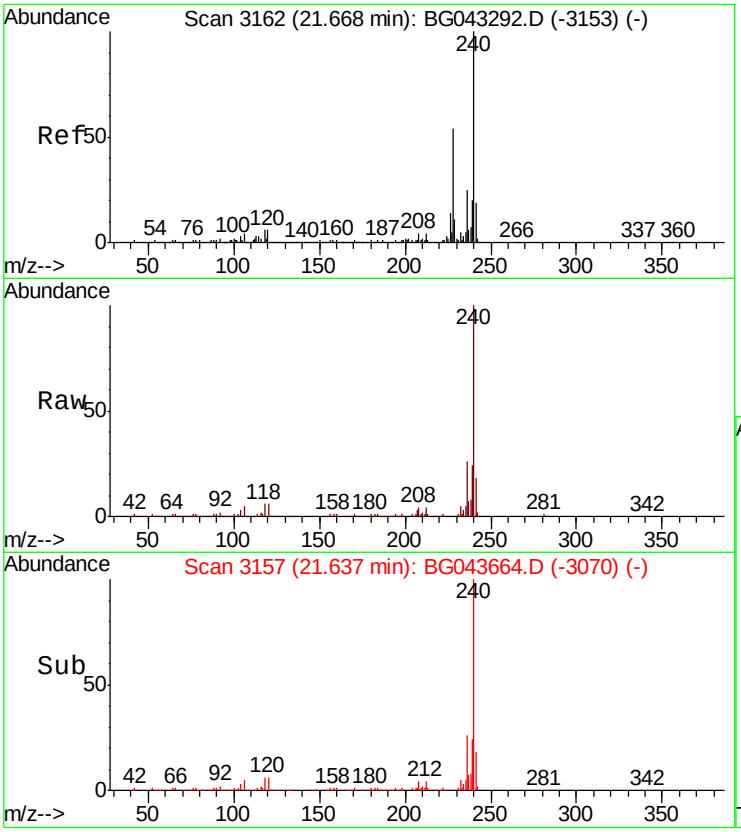


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.37 min Scan# 2431
Delta R.T. -0.02 min
Lab File: BG043664.D
Acq: 15 Nov 2019 23:46

Tgt Ion:188 Resp: 225700

Ion	Ratio	Lower	Upper
188	100		
94	5.8	4.2	6.4
80	6.0	4.5	6.7

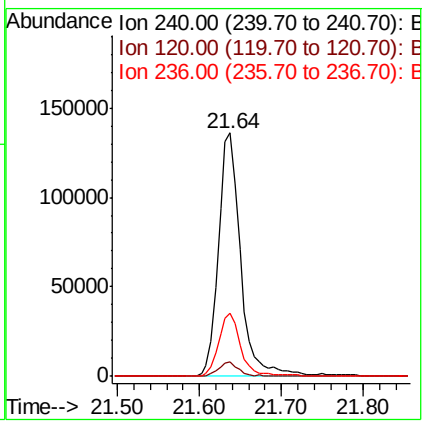




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.64 min Scan# 3157
Delta R.T. -0.02 min
Lab File: BG043664.D
Acq: 15 Nov 2019 23:46

Tgt Ion:240 Resp: 257080

Ion	Ratio	Lower	Upper
240	100		
120	6.2	4.6	6.8
236	25.7	19.8	29.8



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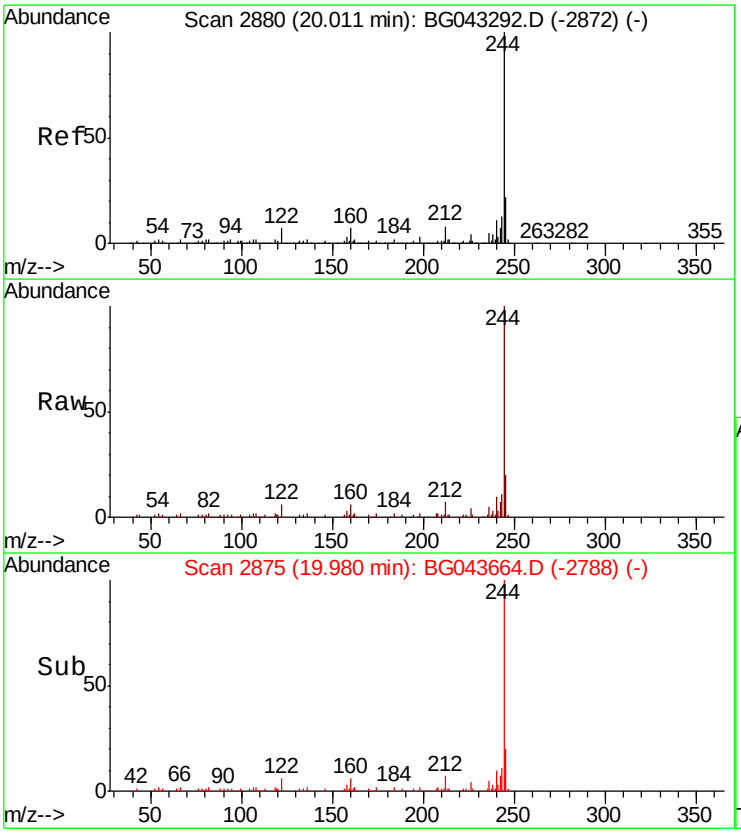
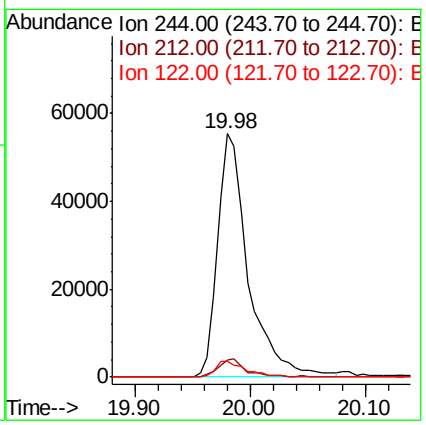
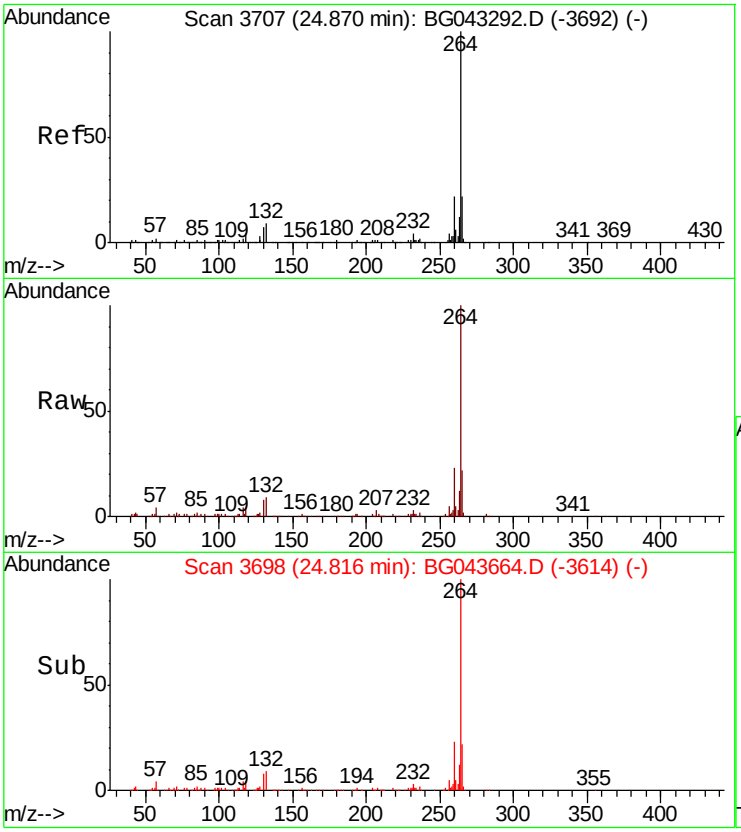


#79
Terphenyl-d14
Concen: 7.424 ng
RT: 19.98 min Scan# 2875
Delta R.T. -0.02 min
Lab File: BG043664.D
Acq: 15 Nov 2019 23:46

Tgt Ion:244 Resp: 101738

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.6
122	6.5	5.4	8.2

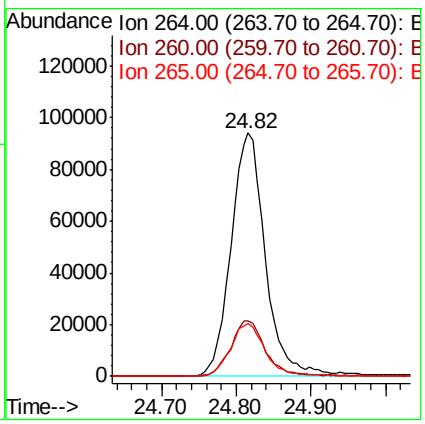




#87
Perylene-d12
Concen: 20.000 ng
RT: 24.82 min Scan# 3698
Delta R.T. -0.04 min
Lab File: BG043664.D
Acq: 15 Nov 2019 23:46

Tgt Ion:264 Resp: 298613

Ion	Ratio	Lower	Upper
264	100		
260	22.8	17.5	26.3
265	21.9	17.4	26.0



Instrument :
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ClientSampleId :
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