Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012020\
Data File : BG044108.D
Acq On : 20 Jan 2020 21:38
Operator : JU
Sample : L1165-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : QVD-GW-01-45

Quant Time: Jan 21 07:04:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	75351	20.00	ng	-0.03
21) Naphthalene-d8	10.73	136	342771	20.00	ng	-0.03
39) Acenaphthene-d10	14.57	164	241101	20.00	ng	-0.03
64) Phenanthrene-d10	17.31	188	523838	20.00	ng	-0.03
76) Chrysene-d12	21.56	240	449023	20.00	ng	-0.03
87) Perylene-d12	24.67	264	499318	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	288288	70.25	ng	-0.03
7) Phenol-d6	7.10	99	256442	44.70	ng	-0.03
23) Nitrobenzene-d5	9.08	82	540368	84.33	ng	-0.04
42) 2,4,6-Tribromophenol	16.06	330	380115	150.66	ng	-0.03
45) 2-Fluorobiphenyl	13.19	172	1273607	95.71	ng	-0.03
79) Terphenyl-d14	19.92	244	1860401	106.47	ng	-0.03
Target Compounds						Qvalue
50) Dimethylphthalate	14.02	163	100086	5.846	ng	95

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

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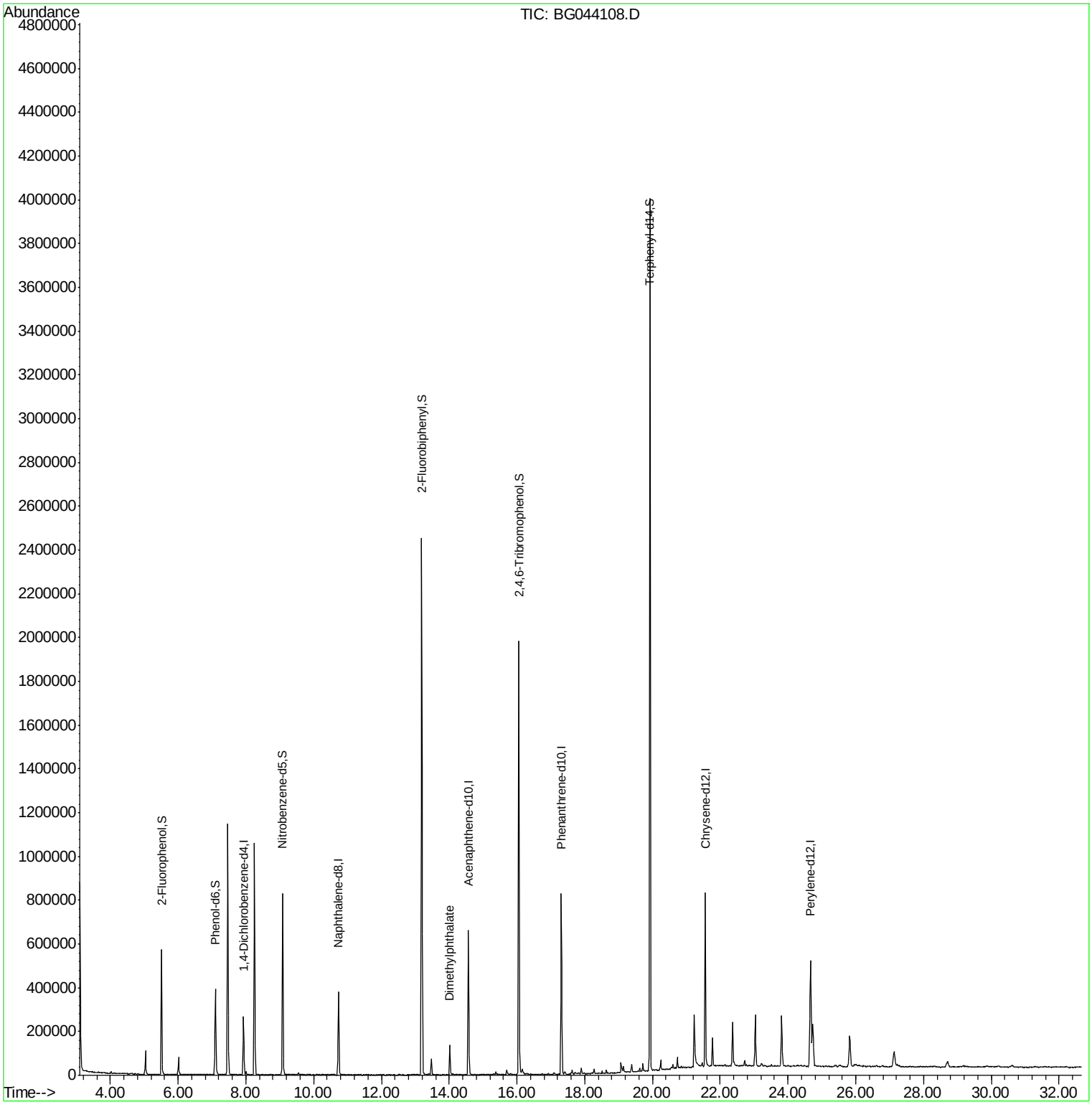
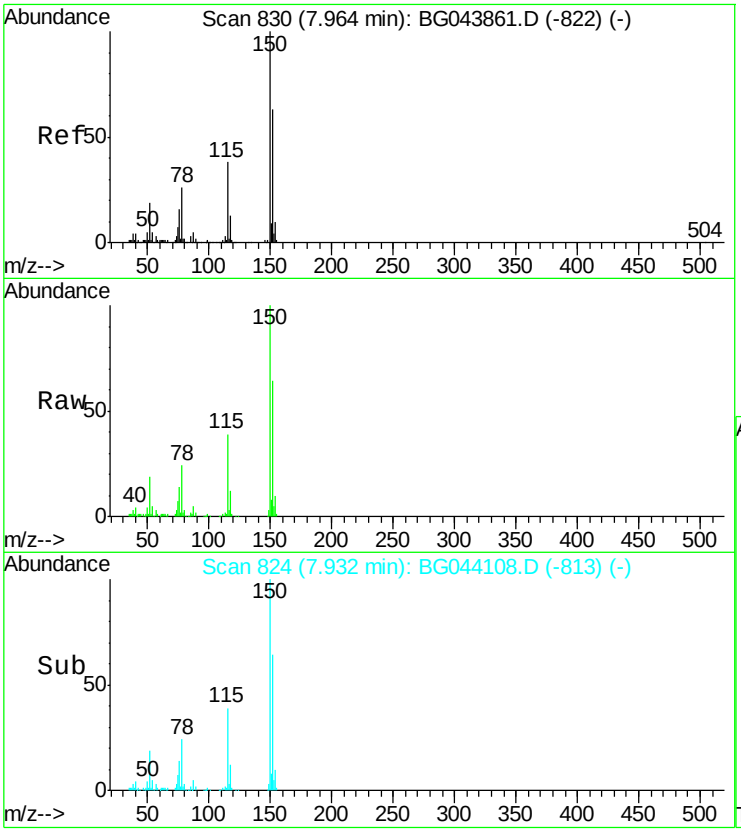


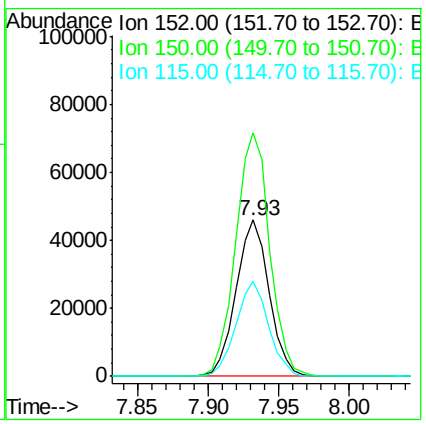


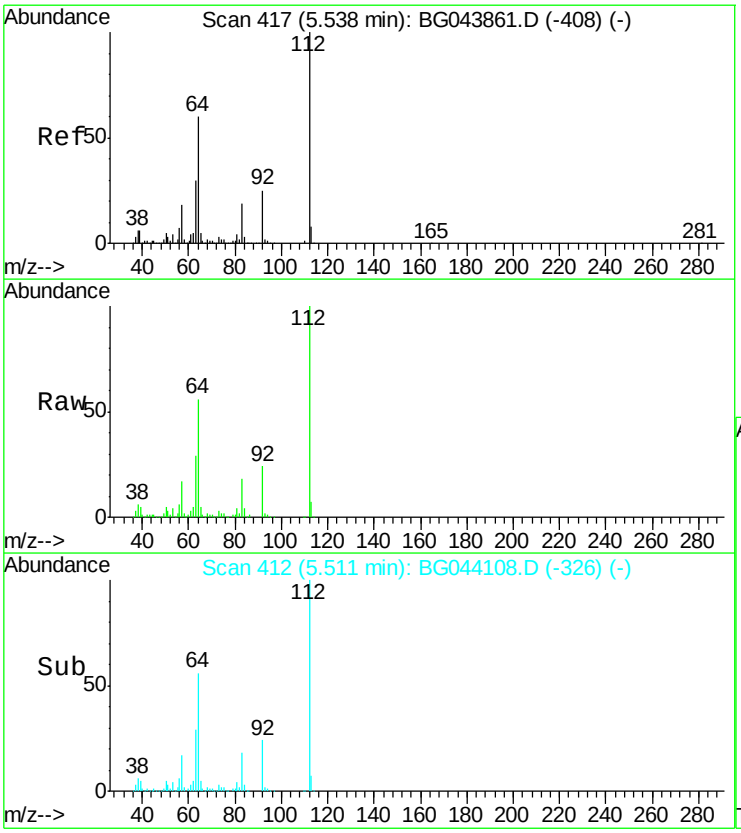
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.03 min
Lab File: BG044108.D
Acq: 20 Jan 2020 21:38

Instrument :
BNA_G
ClientSampleId :
QVD-GW-01-45

Tgt Ion:152 Resp: 75351

Ion	Ratio	Lower	Upper
152	100		
150	155.9	127.0	190.4
115	61.1	47.8	71.8

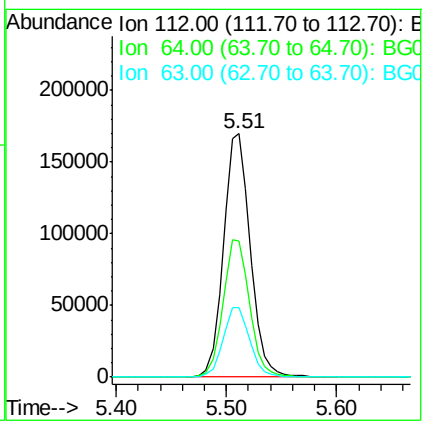


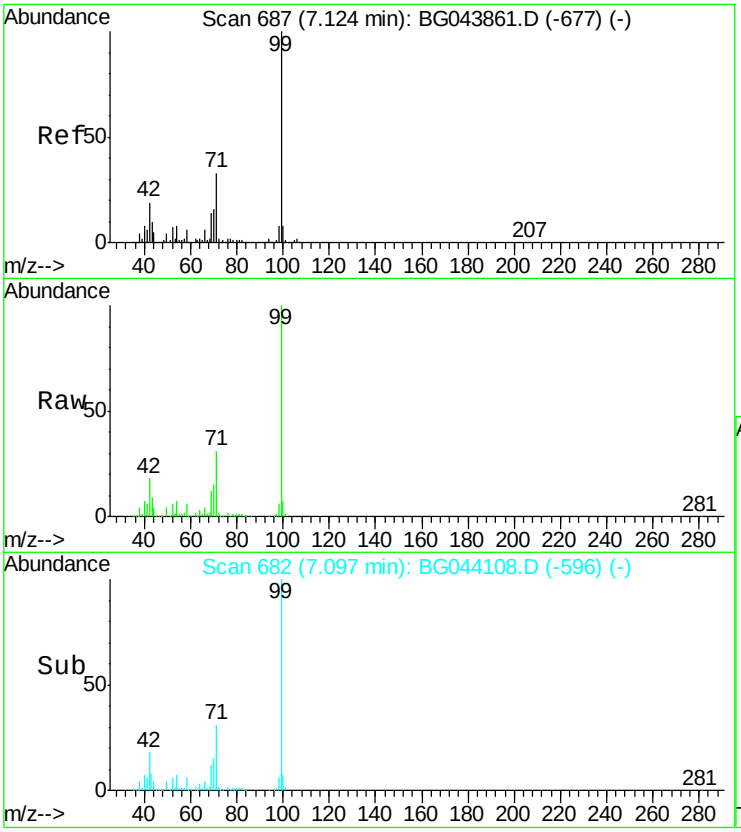


#5
2-Fluorophenol
Concen: 70.249 ng
RT: 5.51 min Scan# 412
Delta R.T. -0.03 min
Lab File: BG044108.D
Acq: 20 Jan 2020 21:38

Tgt Ion:112 Resp: 288288

Ion	Ratio	Lower	Upper
112	100		
64	55.9	47.8	71.6
63	28.8	24.3	36.5



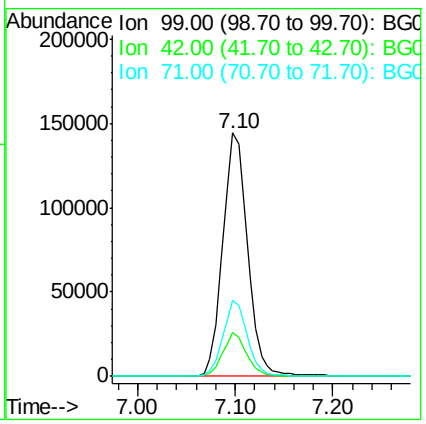


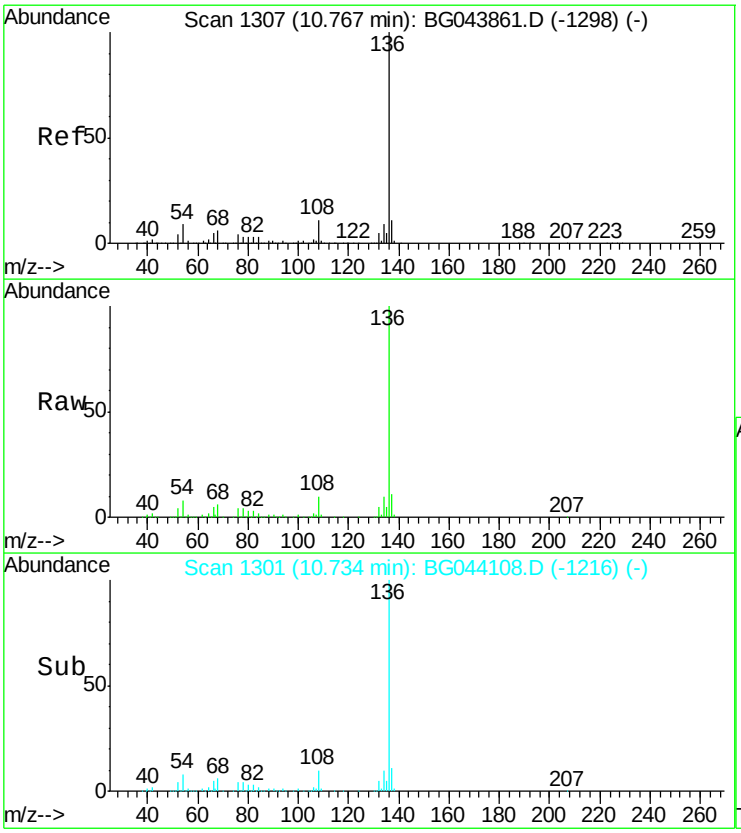
#7
Phenol-d6
Concen: 44.704 ng
RT: 7.10 min Scan# 682
Delta R.T. -0.03 min
Lab File: BG044108.D
Acq: 20 Jan 2020 21:38

Instrument :
BNA_G
ClientSampleId :
QVD-GW-01-45

Tgt Ion: 99 Resp: 256442

Ion	Ratio	Lower	Upper
99	100		
42	17.8	14.9	22.3
71	31.0	26.4	39.6

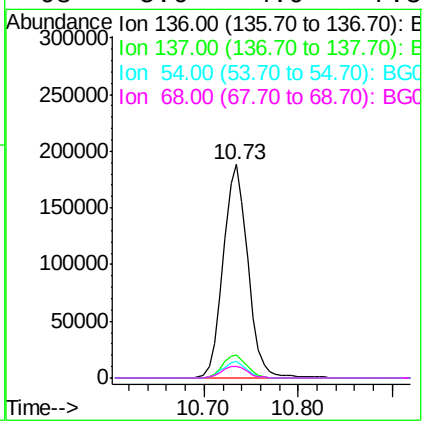


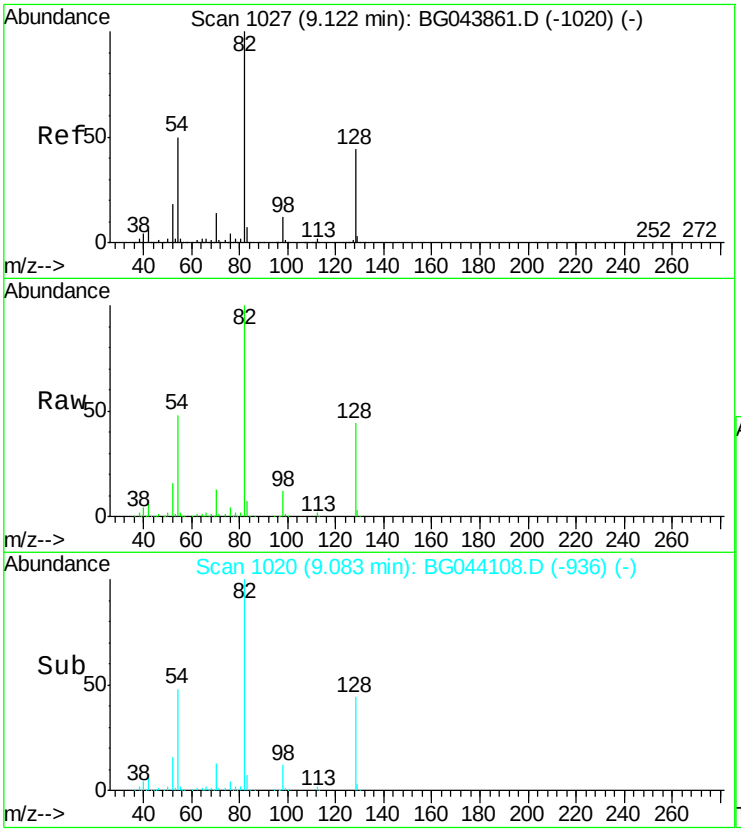


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1301
Delta R.T. -0.03 min
Lab File: BG044108.D
Acq: 20 Jan 2020 21:38

Tgt Ion:136 Resp: 342771

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	7.8	7.0	10.4
68	5.6	4.9	7.3



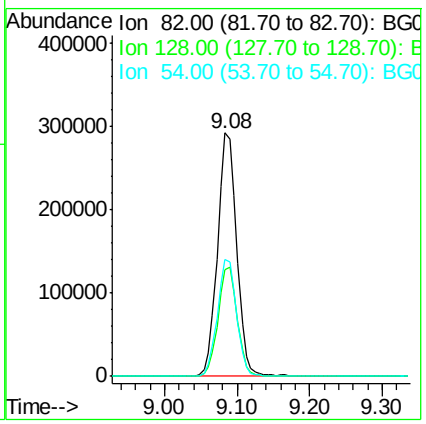


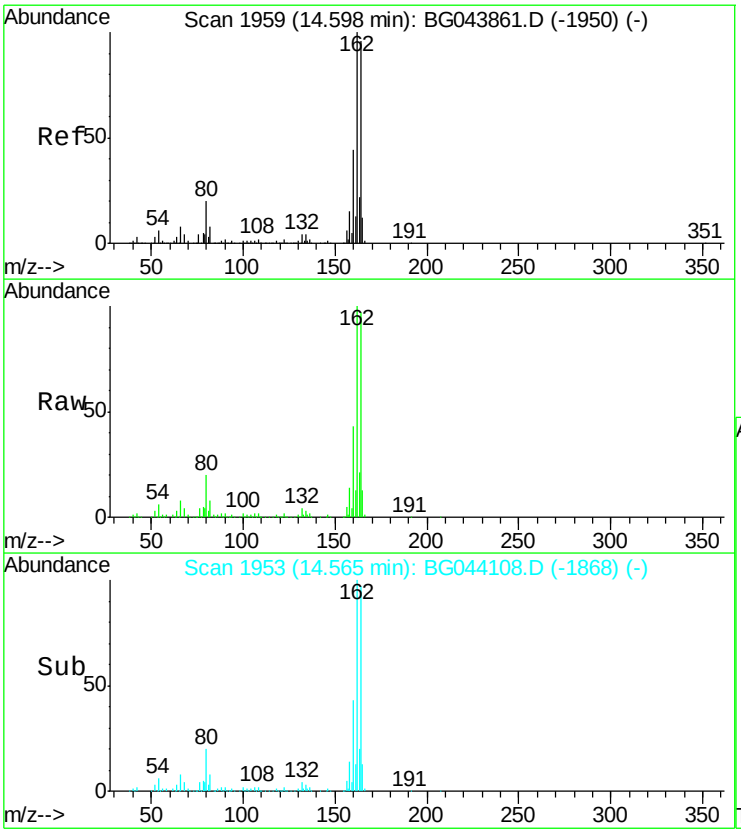
#23
Nitrobenzene-d5
Concen: 84.335 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.04 min
Lab File: BG044108.D
Acq: 20 Jan 2020 21:38

Instrument :
BNA_G
ClientSampleId :
QVD-GW-01-45

Tgt Ion: 82 Resp: 540368

Ion	Ratio	Lower	Upper
82	100		
128	43.8	35.1	52.7
54	48.1	40.1	60.1

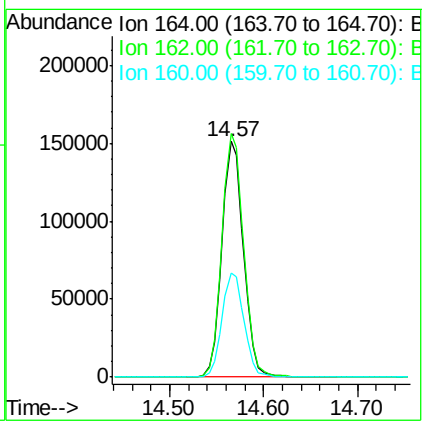


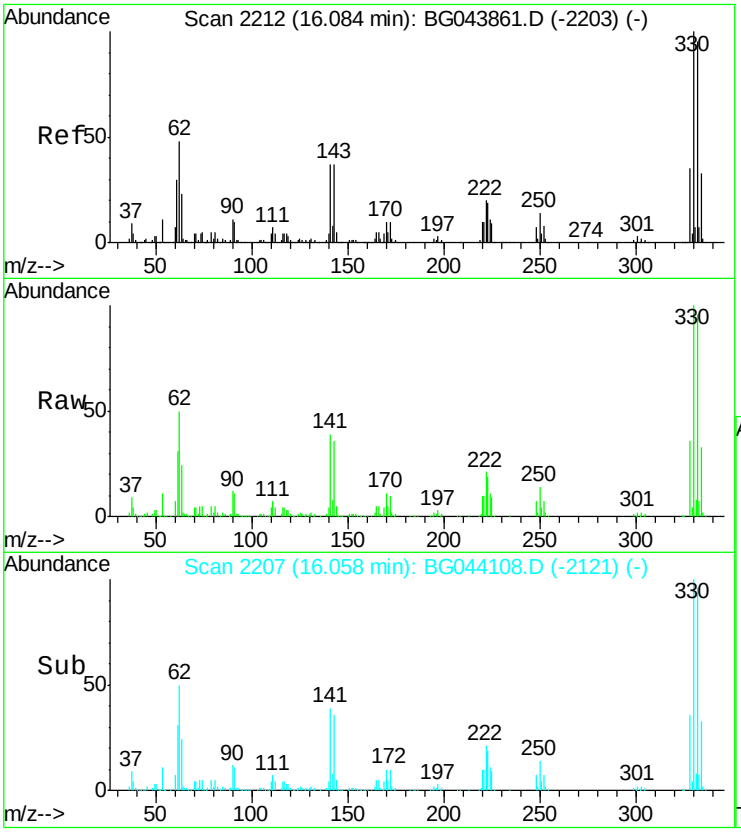


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.57 min Scan# 1953
Delta R.T. -0.03 min
Lab File: BG044108.D
Acq: 20 Jan 2020 21:38

Tgt Ion:164 Resp: 241101

Ion	Ratio	Lower	Upper
164	100		
162	103.2	83.0	124.4
160	44.3	36.1	54.1



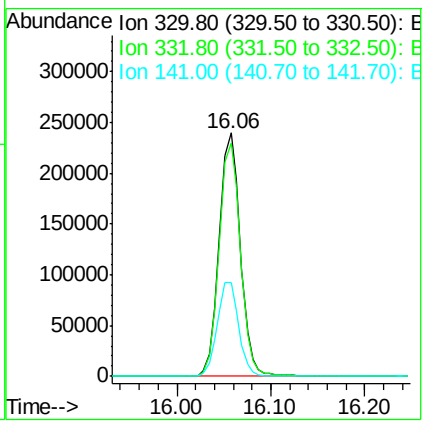


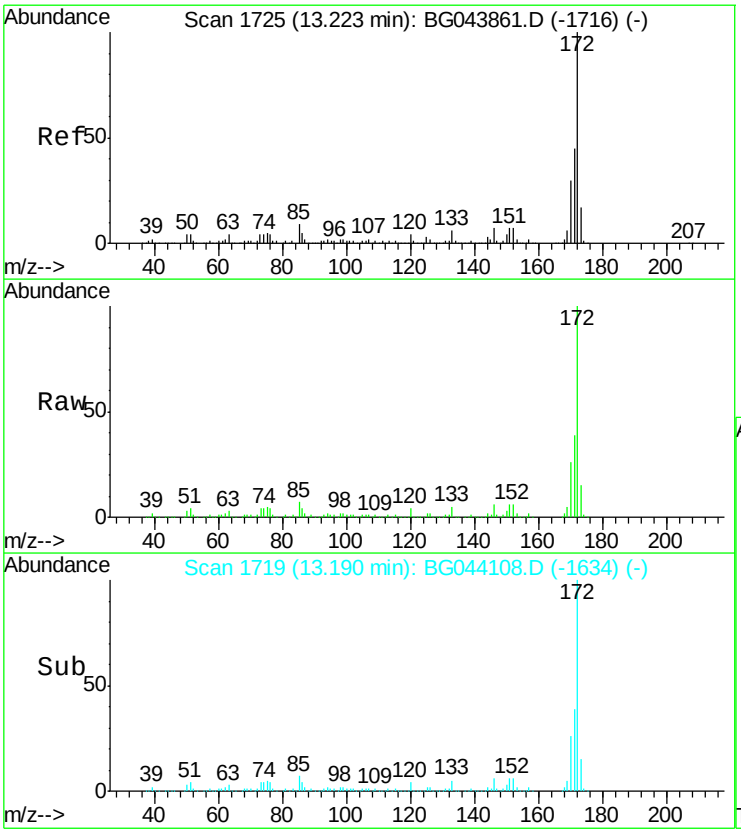
#42
2,4,6-Tribromophenol
Concen: 150.656 ng
RT: 16.06 min Scan# 2207
Delta R.T. -0.03 min
Lab File: BG044108.D
Acq: 20 Jan 2020 21:38

Instrument :
BNA_G
ClientSampleId :
QVD-GW-01-45

Tgt Ion:330 Resp: 380115

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.2	115.8
141	39.0	33.1	49.7

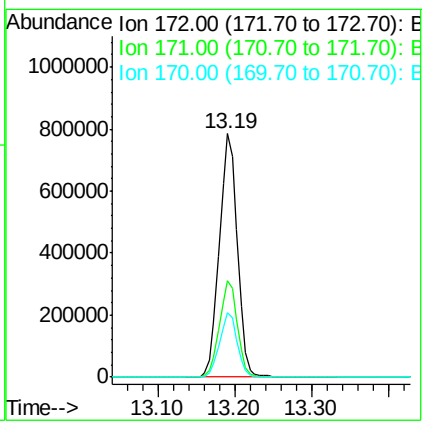


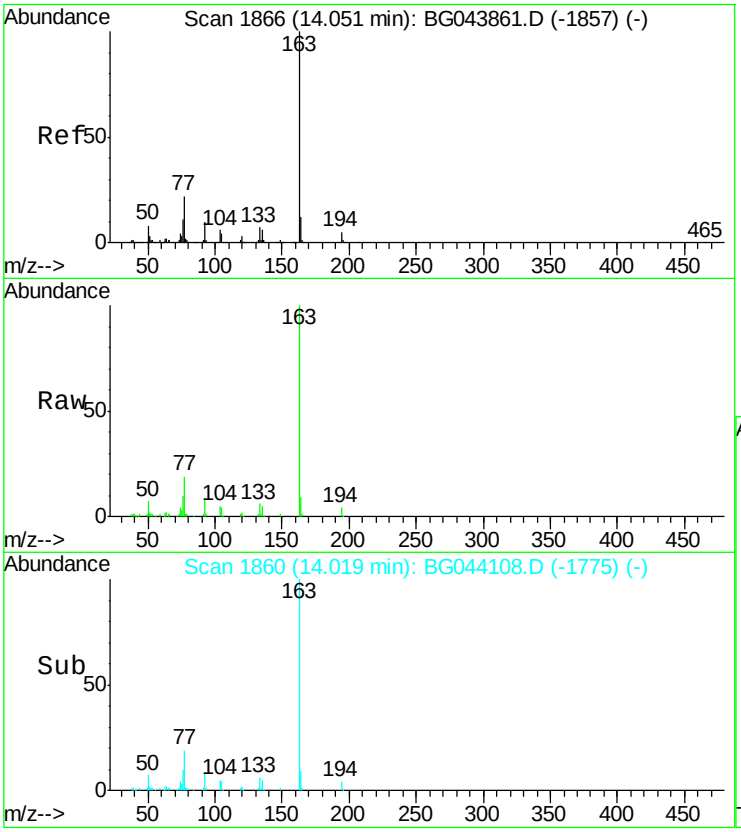


#45
2-Fluorobiphenyl
Concen: 95.706 ng
RT: 13.19 min Scan# 1719
Delta R.T. -0.03 min
Lab File: BG044108.D
Acq: 20 Jan 2020 21:38

Tgt Ion:172 Resp: 1273607

Ion	Ratio	Lower	Upper
172	100		
171	39.4	35.8	53.8
170	26.3	24.2	36.4



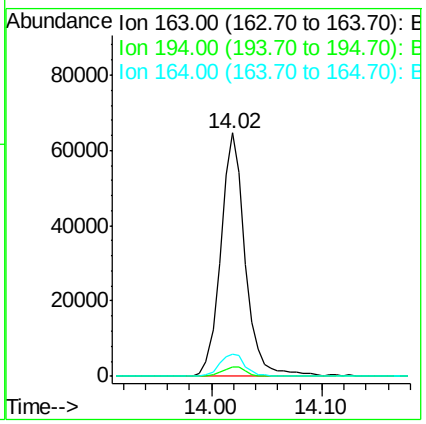


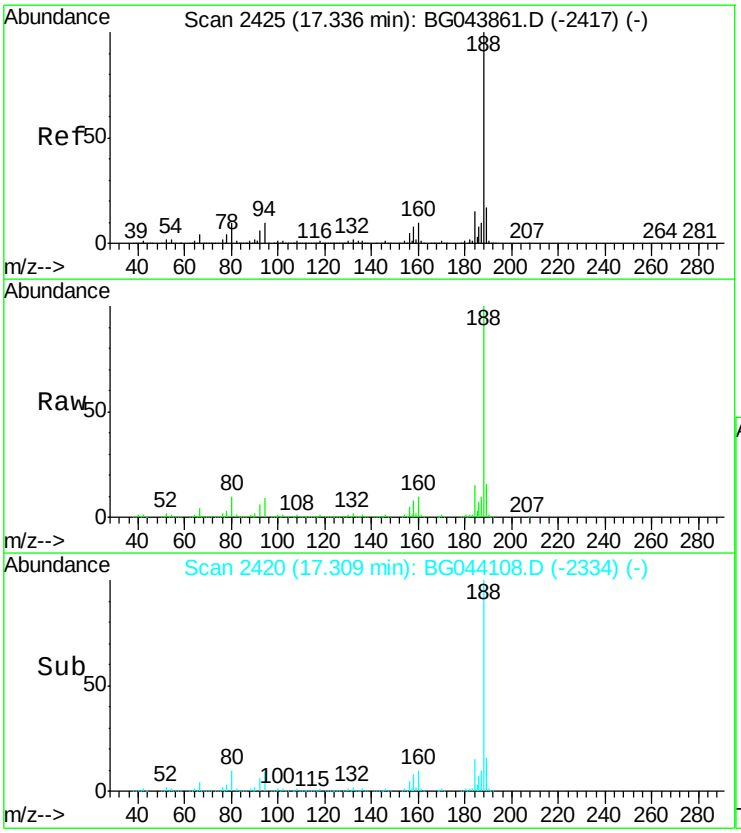
#50
Dimethylphthalate
Concen: 5.846 ng
RT: 14.02 min Scan# 1860
Delta R.T. -0.03 min
Lab File: BG044108.D
Acq: 20 Jan 2020 21:38

Instrument :
BNA_G
ClientSampleId :
QVD-GW-01-45

Tgt Ion:163 Resp: 100086

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.7	5.5
164	9.3	9.3	13.9

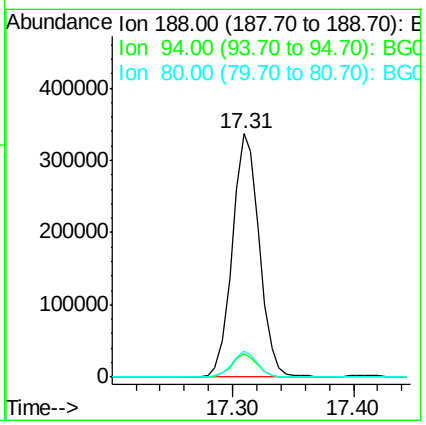


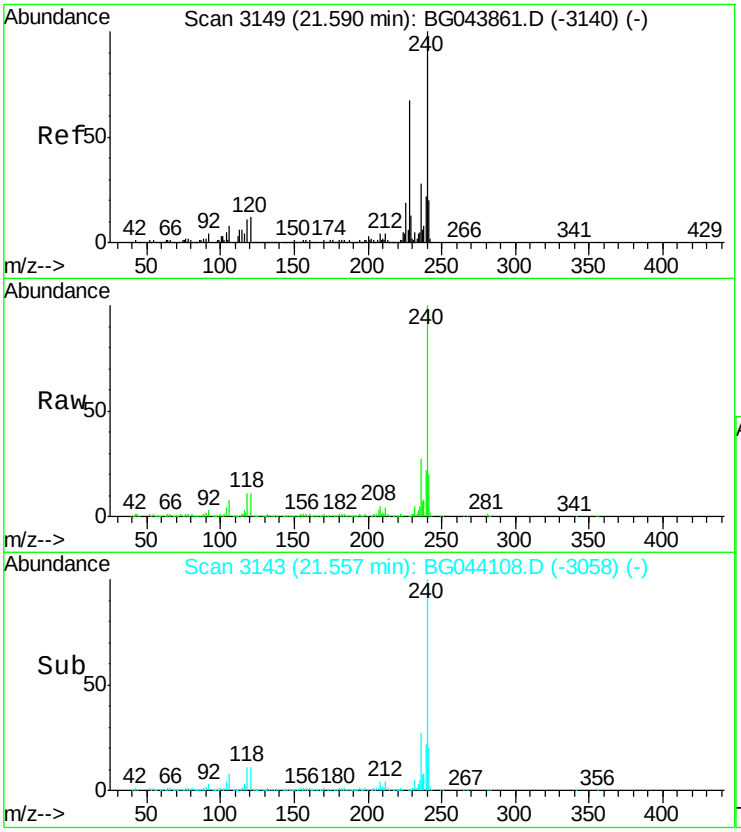


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.31 min Scan# 2420
Delta R.T. -0.03 min
Lab File: BG044108.D
Acq: 20 Jan 2020 21:38

Tgt Ion:188 Resp: 523838

Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.9	11.9
80	10.5	8.2	12.4



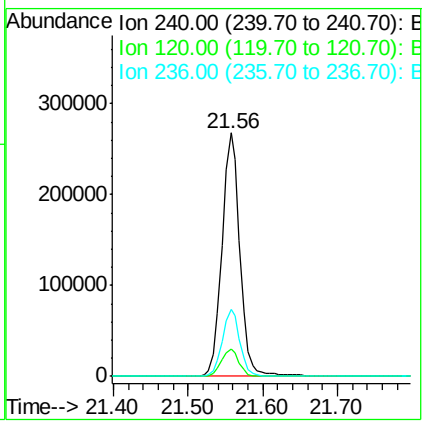


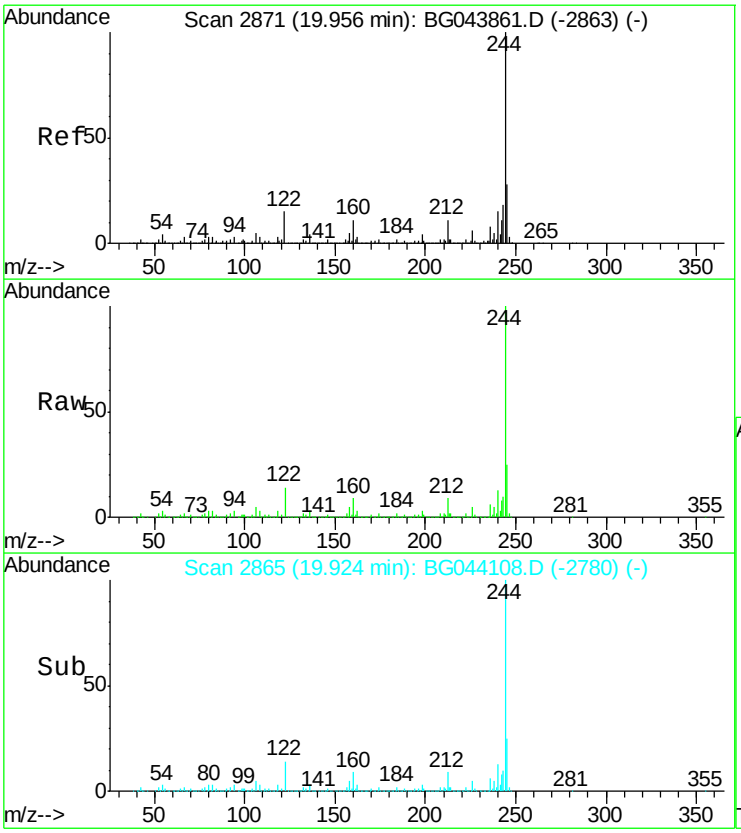
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.56 min Scan# 3143
Delta R.T. -0.03 min
Lab File: BG044108.D
Acq: 20 Jan 2020 21:38

Instrument :
BNA_G
ClientSampleId :
QVD-GW-01-45

Tgt Ion:240 Resp: 449023

Ion	Ratio	Lower	Upper
240	100		
120	11.4	9.6	14.4
236	27.3	22.2	33.2

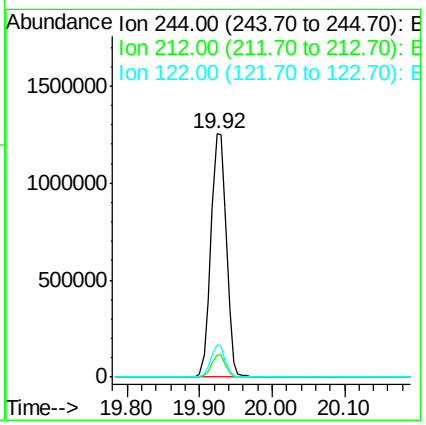


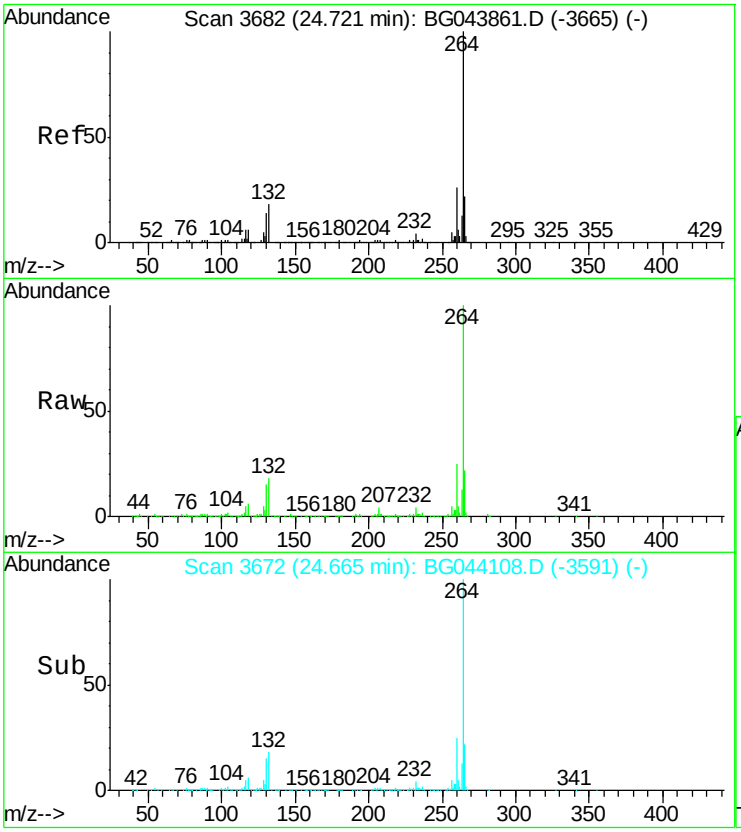


#79
Terphenyl-d14
Concen: 106.471 ng
RT: 19.92 min Scan# 2865
Delta R.T. -0.03 min
Lab File: BG044108.D
Acq: 20 Jan 2020 21:38

Tgt Ion:244 Resp: 1860401

Ion	Ratio	Lower	Upper
244	100		
212	9.2	8.6	13.0
122	13.6	11.9	17.9





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.67 min Scan# 3672
Delta R.T. -0.06 min
Lab File: BG044108.D
Acq: 20 Jan 2020 21:38

Instrument :
BNA_G
ClientSampleId :
QVD-GW-01-45

Tgt Ion:264 Resp: 499318

Ion	Ratio	Lower	Upper
264	100		
260	25.3	20.4	30.6
265	22.4	17.4	26.2