Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012420\
Data File : BG044177.D
Acq On : 24 Jan 2020 11:53
Operator : CG/JU
Sample : PB126290BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB126290BL

Quant Time: Jan 27 04:14:47 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	71823	20.00	ng	-0.03
21) Naphthalene-d8	10.73	136	310031	20.00	ng	-0.03
39) Acenaphthene-d10	14.57	164	216820	20.00	ng	-0.03
64) Phenanthrene-d10	17.31	188	479578	20.00	ng	-0.03
76) Chrysene-d12	21.56	240	415095	20.00	ng	-0.03
87) Perylene-d12	24.67	264	464467	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	390505	99.83	ng	-0.03
7) Phenol-d6	7.10	99	509040	93.10	ng	-0.03
23) Nitrobenzene-d5	9.08	82	436388	75.30	ng	-0.04
42) 2,4,6-Tribromophenol	16.06	330	191531	84.41	ng	-0.03
45) 2-Fluorobiphenyl	13.19	172	1060382	88.61	ng	-0.03
79) Terphenyl-d14	19.92	244	1667850	101.90	ng	-0.03
Target Compounds						Qvalue

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

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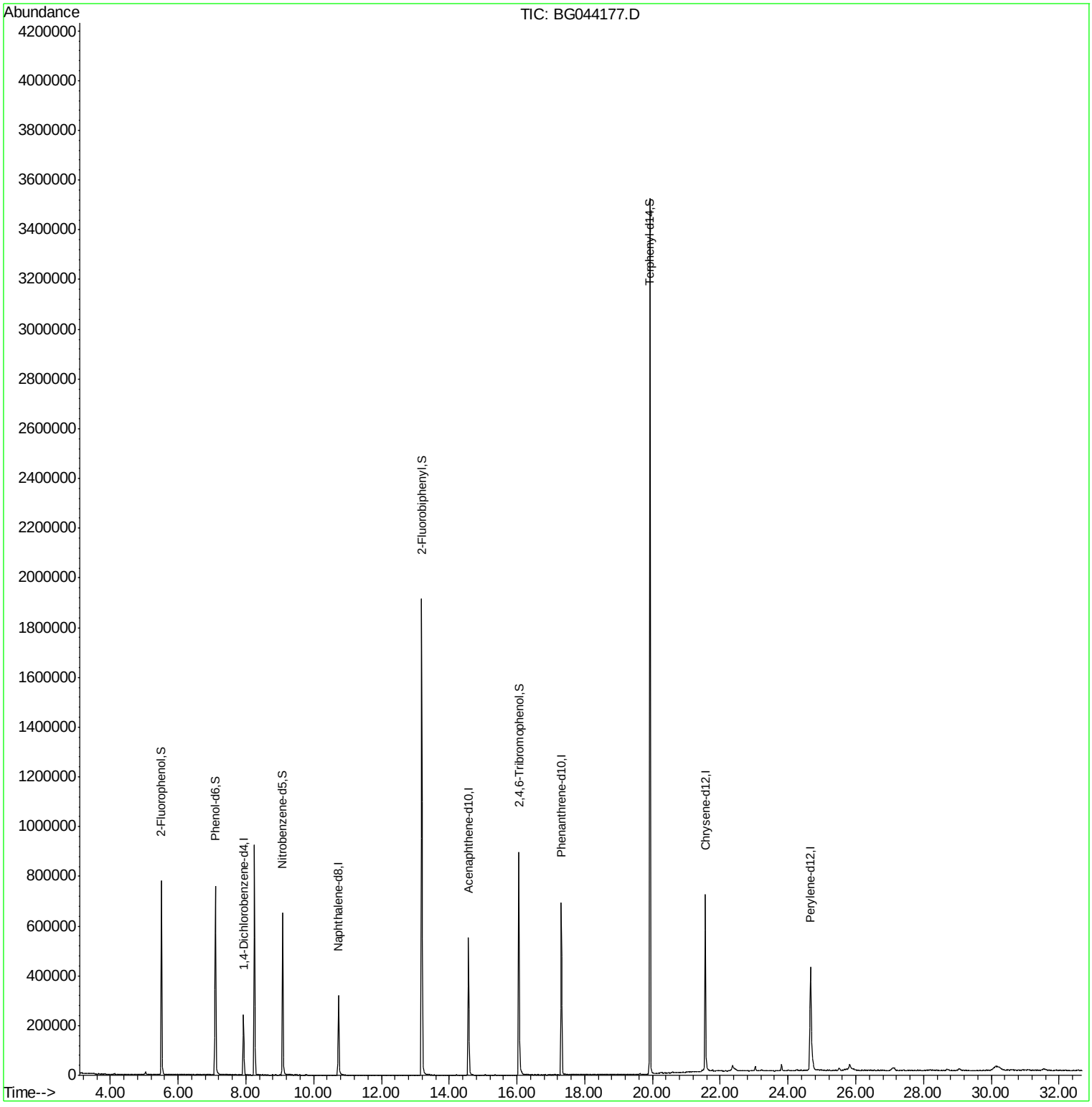
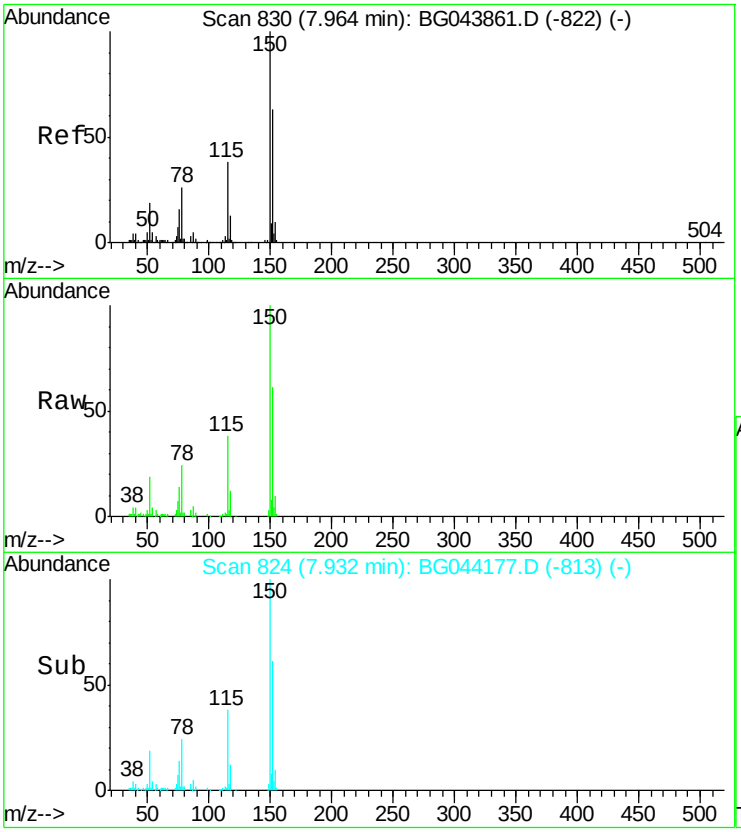


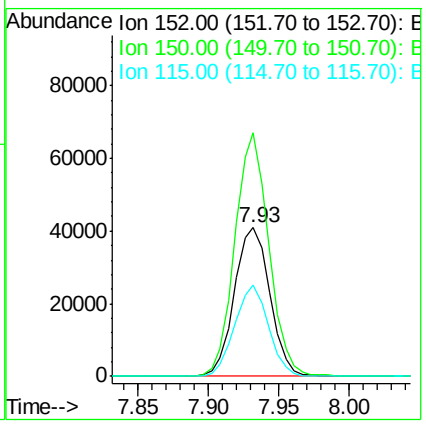


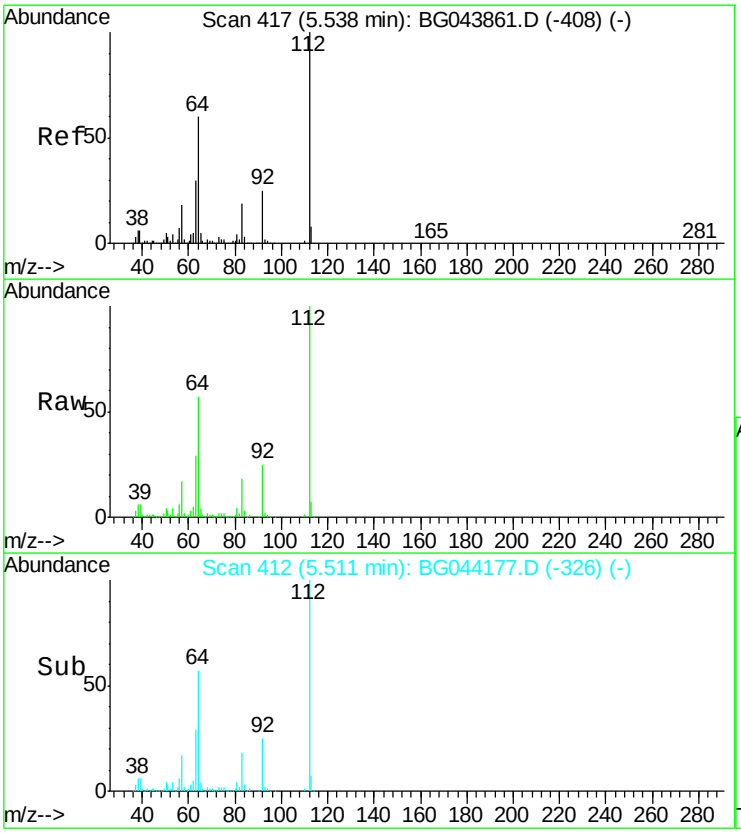
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.03 min
Lab File: BG044177.D
Acq: 24 Jan 2020 11:53

Instrument :
BNA_G
ClientSampleId :
PB126290BL

Tgt Ion:152 Resp: 71823

Ion	Ratio	Lower	Upper
152	100		
150	163.8	127.0	190.4
115	61.8	47.8	71.8

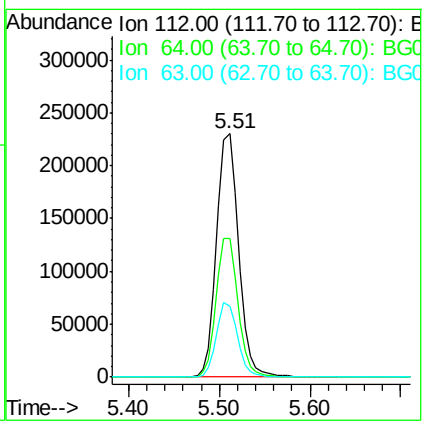


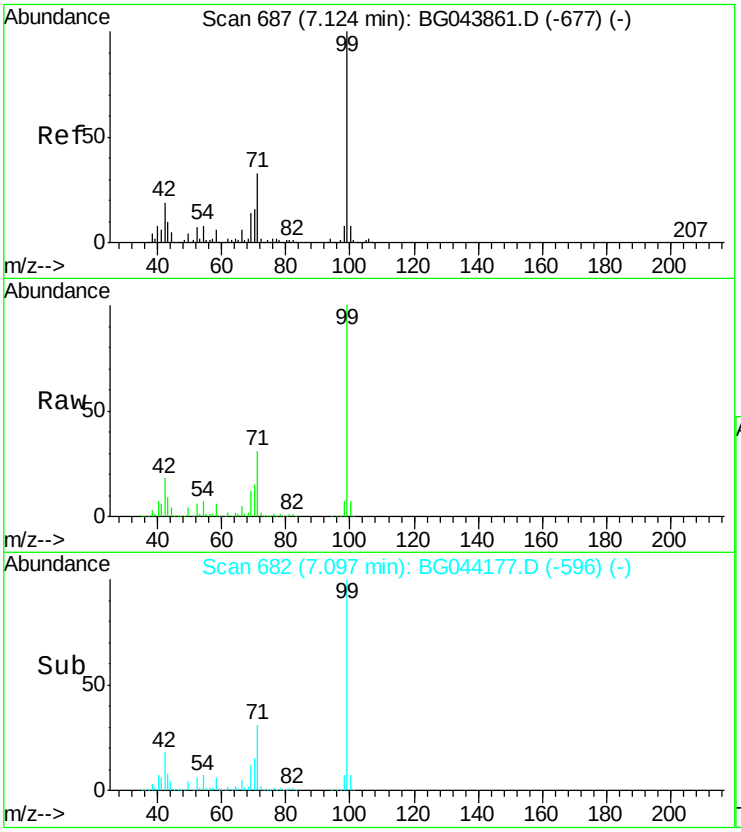


#5
2-Fluorophenol
Concen: 99.831 ng
RT: 5.51 min Scan# 412
Delta R.T. -0.03 min
Lab File: BG044177.D
Acq: 24 Jan 2020 11:53

Tgt Ion:112 Resp: 390505

Ion	Ratio	Lower	Upper
112	100		
64	56.9	47.8	71.6
63	29.3	24.3	36.5



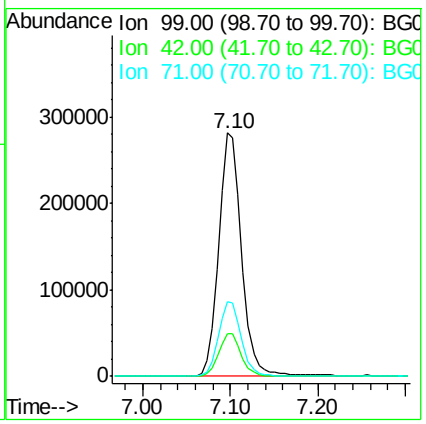


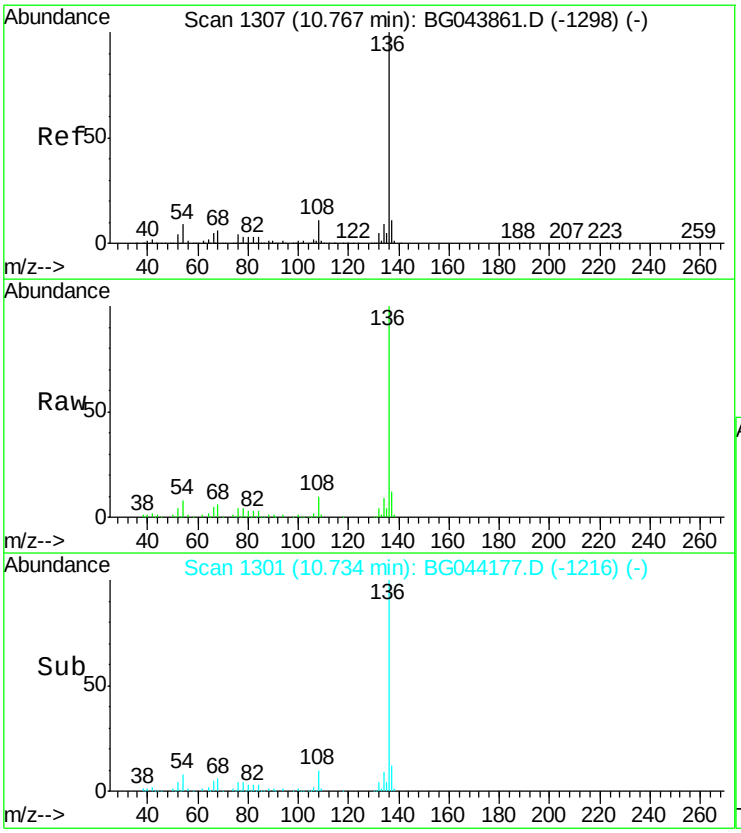
#7
Phenol-d6
Concen: 93.098 ng
RT: 7.10 min Scan# 682
Delta R.T. -0.03 min
Lab File: BG044177.D
Acq: 24 Jan 2020 11:53

Instrument :
BNA_G
ClientSampleId :
PB126290BL

Tgt Ion: 99 Resp: 509040

Ion	Ratio	Lower	Upper
99	100		
42	17.6	14.9	22.3
71	30.6	26.4	39.6

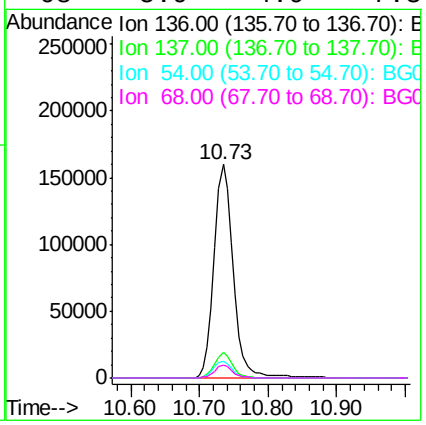


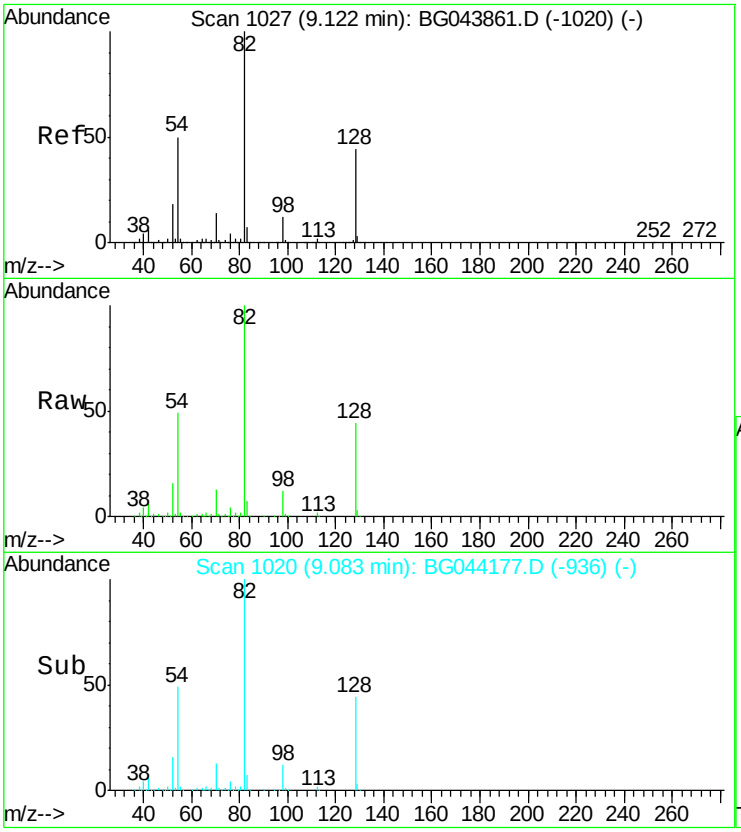


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1301
Delta R.T. -0.03 min
Lab File: BG044177.D
Acq: 24 Jan 2020 11:53

Tgt Ion:136 Resp: 310031

Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.8	13.2
54	7.5	7.0	10.4
68	5.9	4.9	7.3



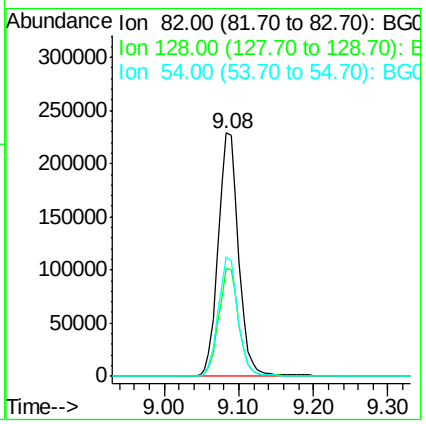


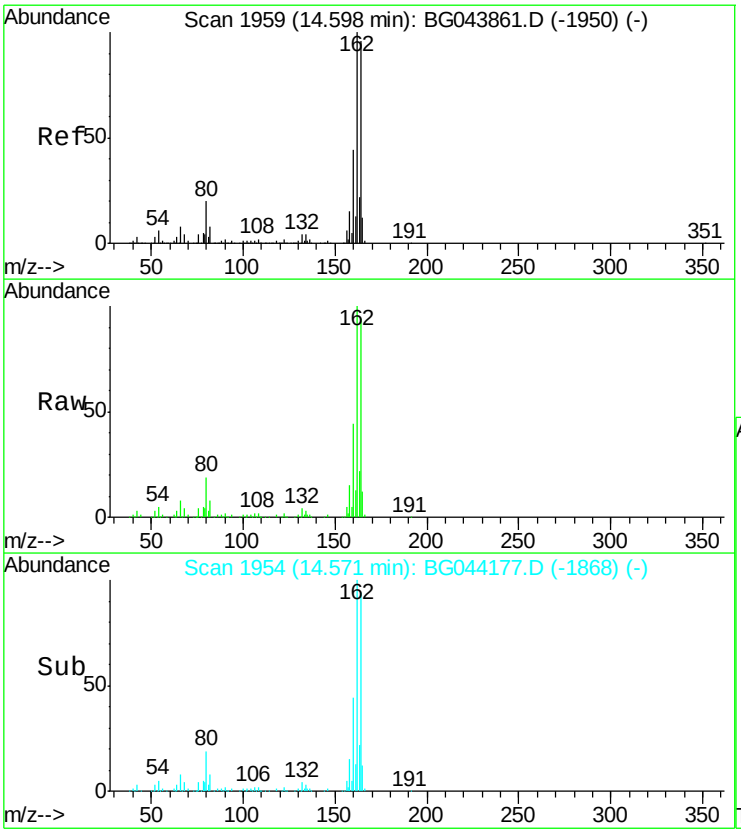
#23
Nitrobenzene-d5
Concen: 75.299 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.04 min
Lab File: BG044177.D
Acq: 24 Jan 2020 11:53

Instrument :
BNA_G
ClientSampleId :
PB126290BL

Tgt Ion: 82 Resp: 436388

Ion	Ratio	Lower	Upper
82	100		
128	44.4	35.1	52.7
54	48.9	40.1	60.1

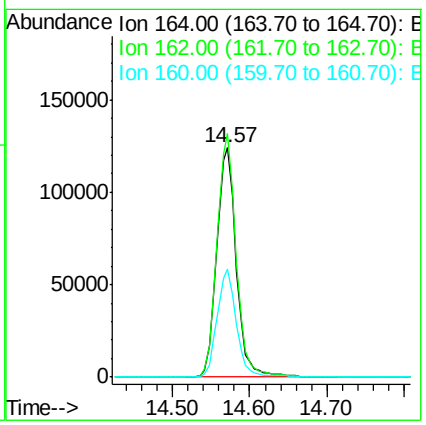


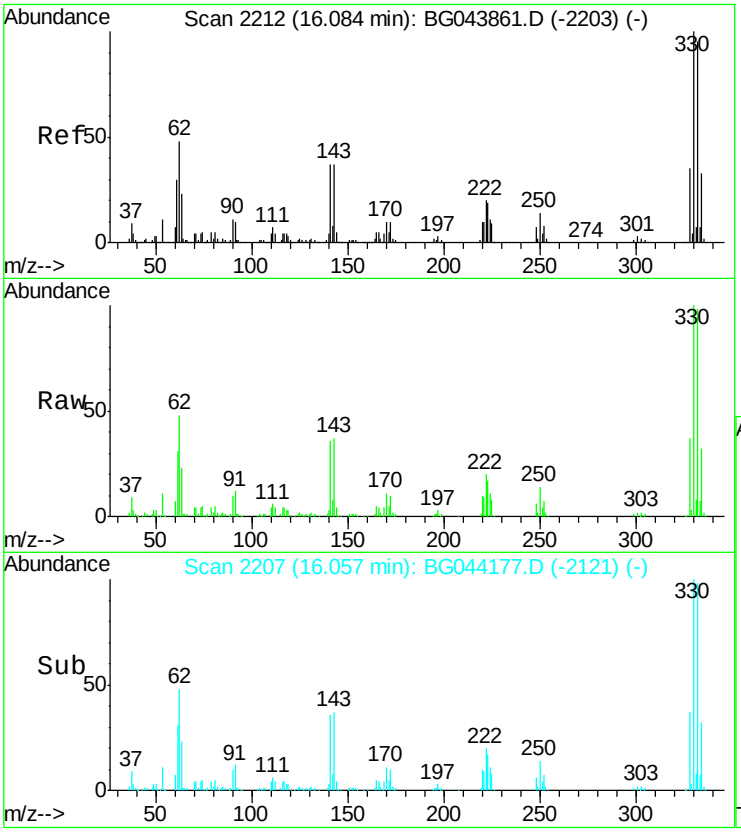


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.57 min Scan# 1954
Delta R.T. -0.03 min
Lab File: BG044177.D
Acq: 24 Jan 2020 11:53

Tgt Ion:164 Resp: 216820

Ion	Ratio	Lower	Upper
164	100		
162	106.2	83.0	124.4
160	46.9	36.1	54.1



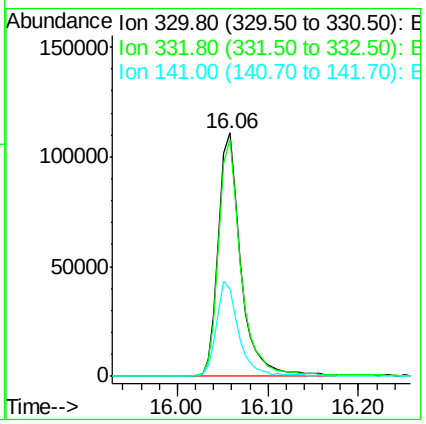


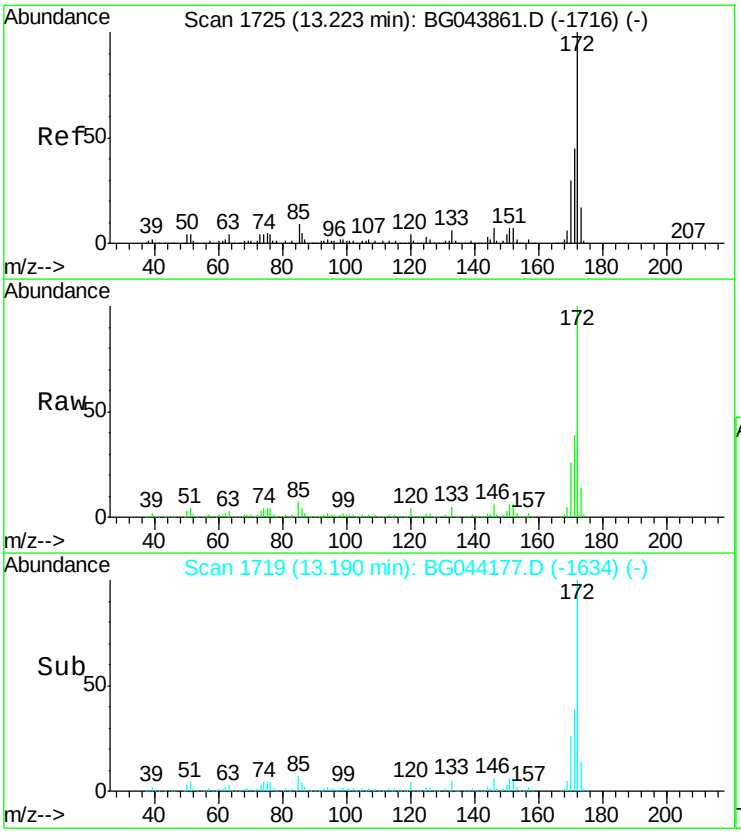
#42
2,4,6-Tribromophenol
Concen: 84.413 ng
RT: 16.06 min Scan# 2207
Delta R.T. -0.03 min
Lab File: BG044177.D
Acq: 24 Jan 2020 11:53

Instrument :
BNA_G
ClientSampleId :
PB126290BL

Tgt Ion:330 Resp: 191531

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.2	115.8
141	38.7	33.1	49.7

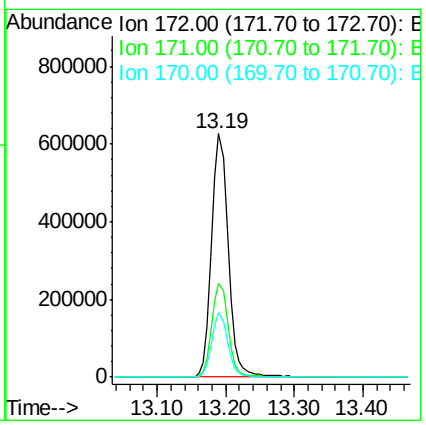


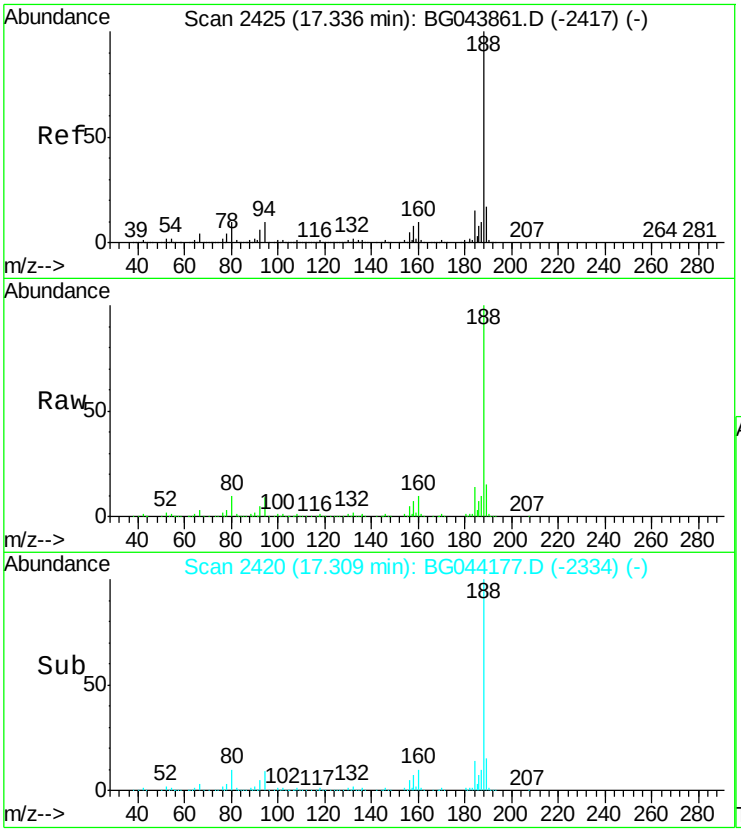


#45
2-Fluorobiphenyl
Concen: 88.607 ng
RT: 13.19 min Scan# 1719
Delta R.T. -0.03 min
Lab File: BG044177.D
Acq: 24 Jan 2020 11:53

Tgt Ion:172 Resp: 1060382

Ion	Ratio	Lower	Upper
172	100		
171	38.6	35.8	53.8
170	26.3	24.2	36.4



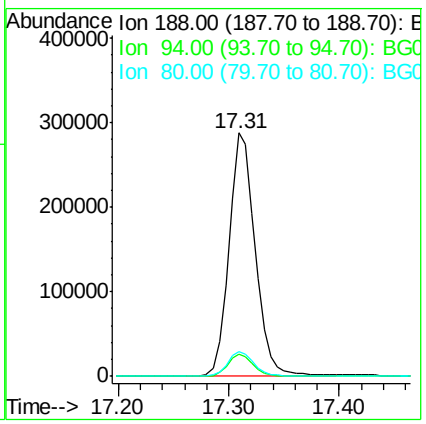


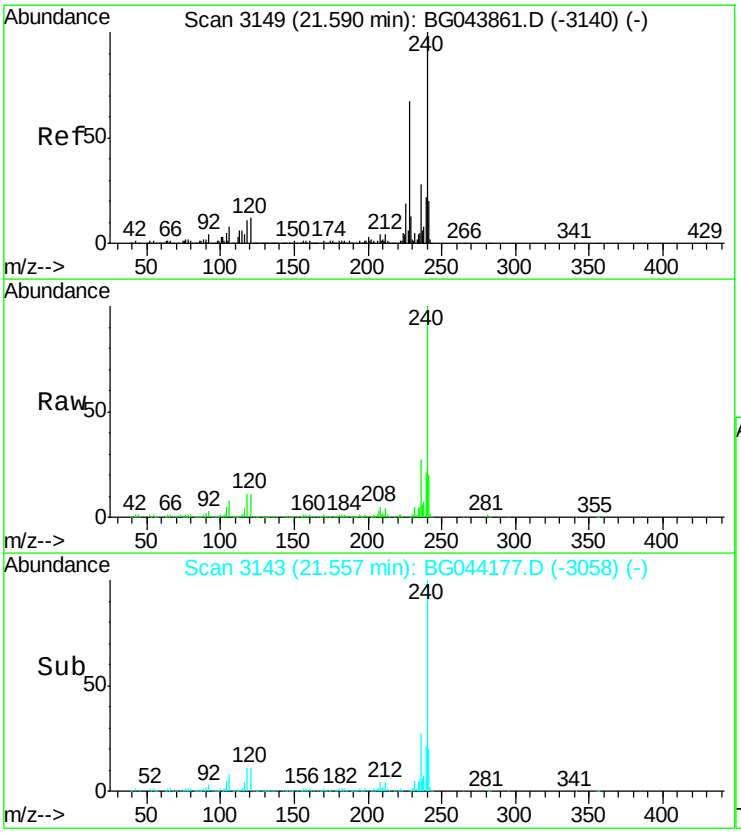
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.31 min Scan# 2420
Delta R.T. -0.03 min
Lab File: BG044177.D
Acq: 24 Jan 2020 11:53

Instrument :
BNA_G
ClientSampleId :
PB126290BL

Tgt Ion:188 Resp: 479578

Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.9	11.9
80	10.1	8.2	12.4

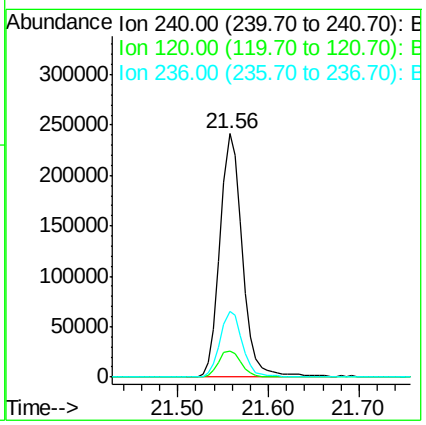


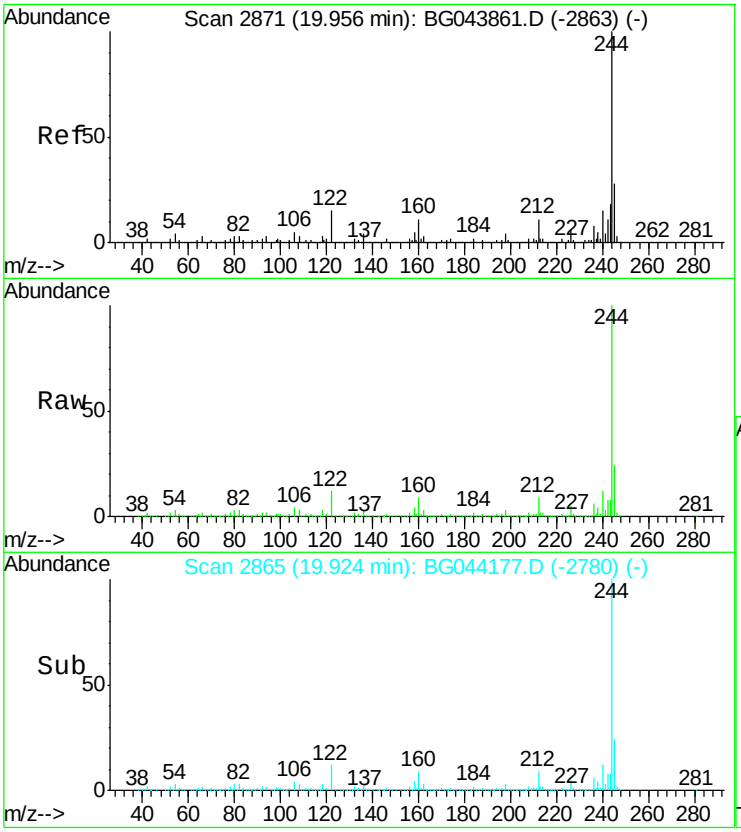


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.56 min Scan# 3143
Delta R.T. -0.03 min
Lab File: BG044177.D
Acq: 24 Jan 2020 11:53

Tgt Ion:240 Resp: 415095

Ion	Ratio	Lower	Upper
240	100		
120	10.9	9.6	14.4
236	26.8	22.2	33.2



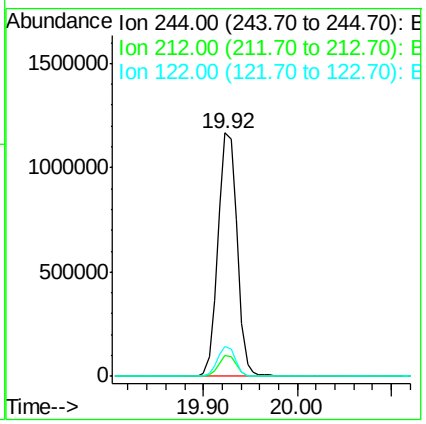


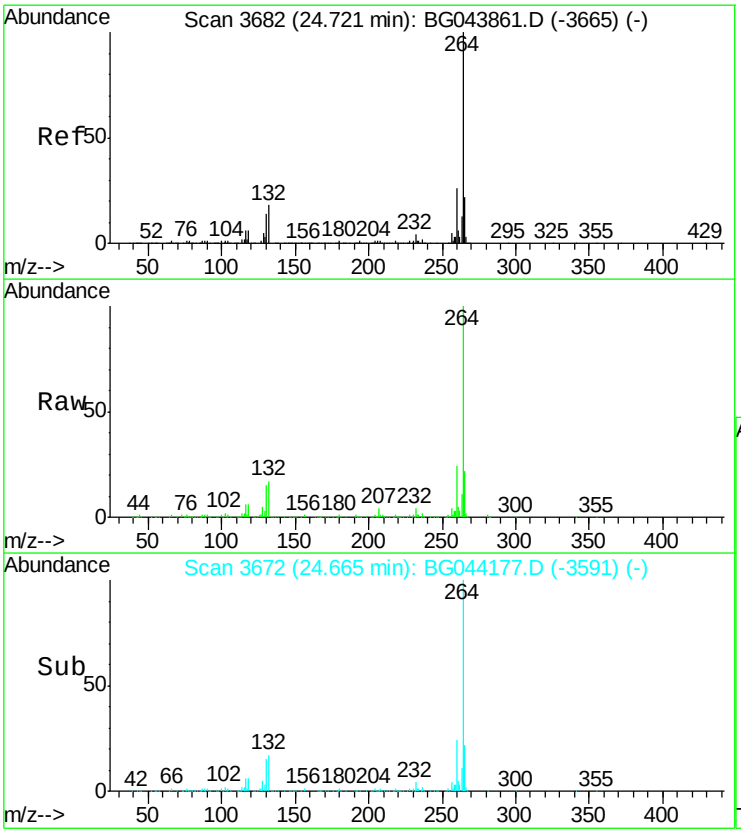
#79
Terphenyl-d14
Concen: 101.903 ng
RT: 19.92 min Scan# 2865
Delta R.T. -0.03 min
Lab File: BG044177.D
Acq: 24 Jan 2020 11:53

Instrument :
BNA_G
ClientSampleId :
PB126290BL

Tgt Ion:244 Resp: 1667850

Ion	Ratio	Lower	Upper
244	100		
212	8.8	8.6	13.0
122	12.3	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: BG044177.D
Acq: 24 Jan 2020 11:53

Tgt Ion:264 Resp: 464467

Ion	Ratio	Lower	Upper
264	100		
260	23.9	20.4	30.6
265	21.7	17.4	26.2