Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031720\
Data File : BG044852.D
Acq On : 18 Mar 2020 3:45
Operator : CG/JU
Sample : L1917-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-G

Quant Time: Mar 18 04:38:41 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 16 17:37:15 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	101130	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	402198	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	269745	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	583753	20.00	ng	0.00
76) Chrysene-d12	21.69	240	487476	20.00	ng	-0.01
87) Perylene-d12	24.90	264	567874	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	373728	57.53	ng	0.00
7) Phenol-d6	7.20	99	352507	37.35	ng	0.00
23) Nitrobenzene-d5	9.20	82	751206	81.96	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	484472	137.17	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	1556728	82.64	ng	0.00
79) Terphenyl-d14	20.03	244	2178215	83.58	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	14.13	163	130788	6.088	ng	97

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

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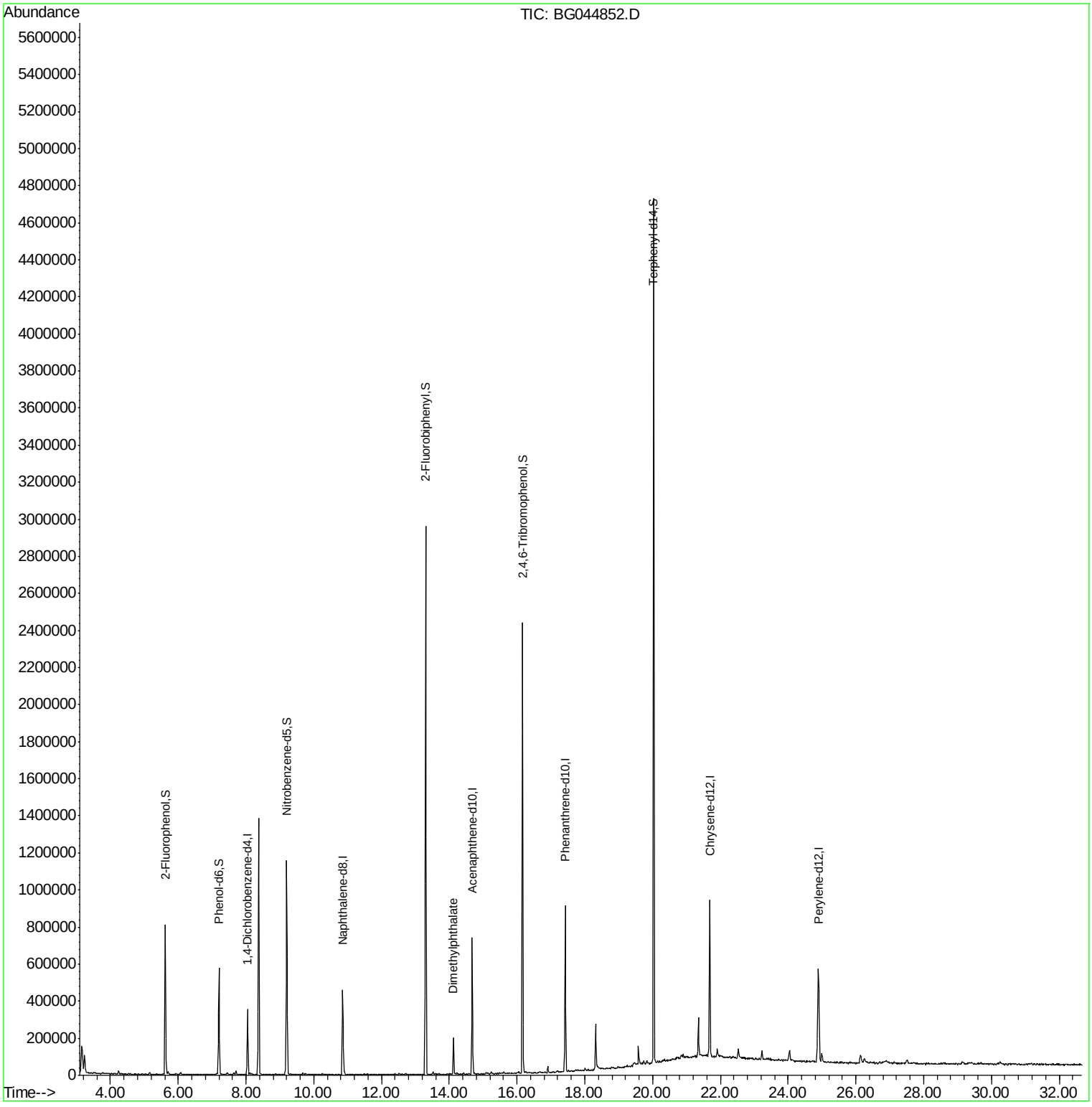
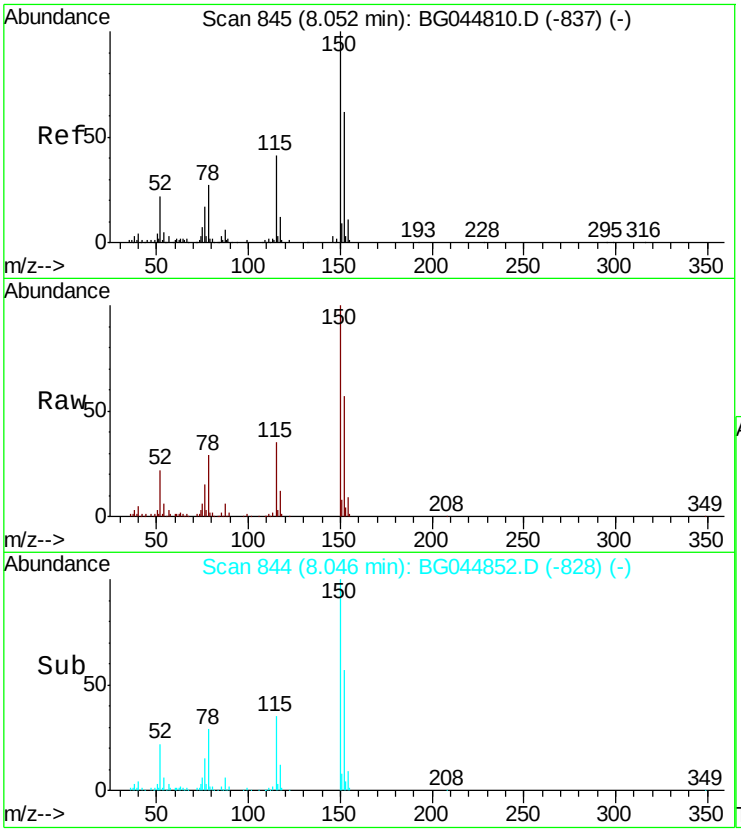


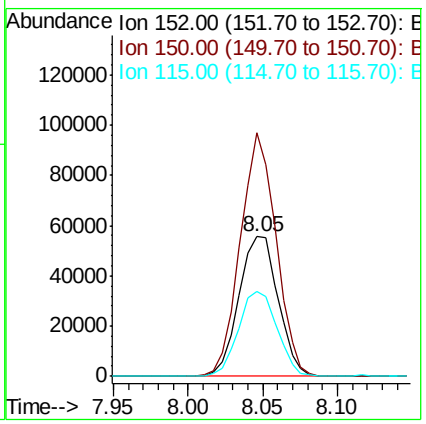


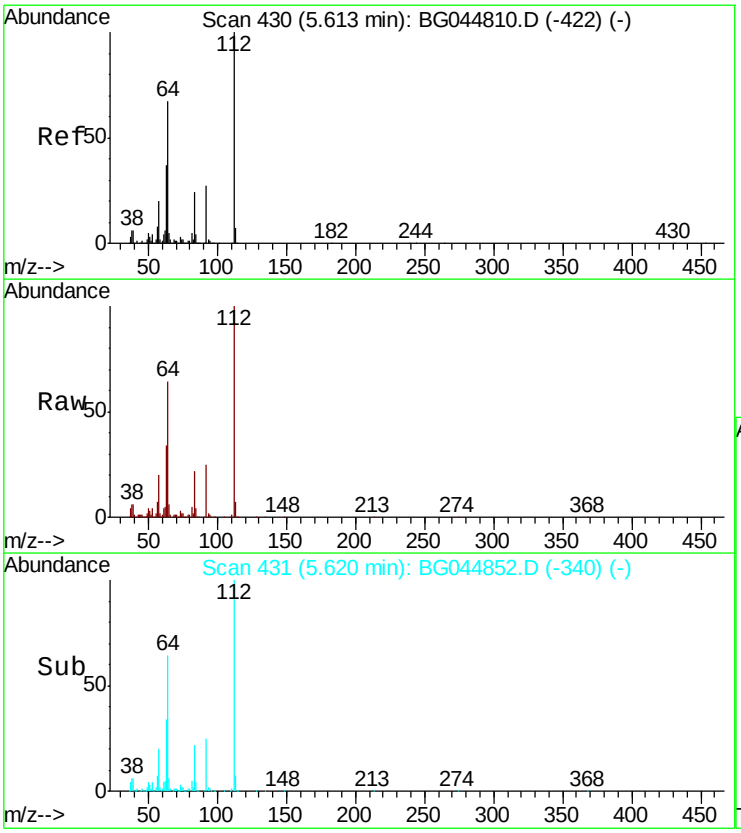
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG044852.D
Acq: 18 Mar 2020 3:45

Instrument :
BNA_G
ClientSampleId :
MH-G

Tgt Ion:152 Resp: 101130

Ion	Ratio	Lower	Upper
152	100		
150	174.4	128.8	193.2
115	60.6	52.6	79.0

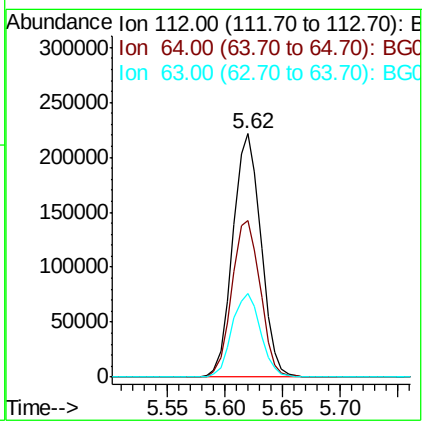


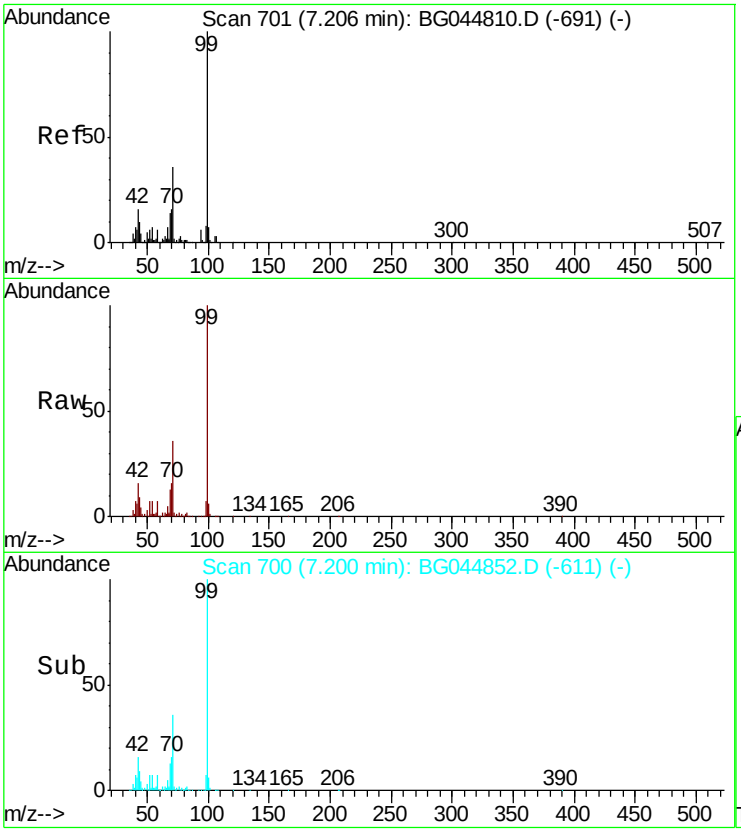


#5
2-Fluorophenol
Concen: 57.528 ng
RT: 5.62 min Scan# 431
Delta R.T. 0.01 min
Lab File: BG044852.D
Acq: 18 Mar 2020 3:45

Tgt Ion:112 Resp: 373728

Ion	Ratio	Lower	Upper
112	100		
64	64.3	53.4	80.2
63	34.2	29.4	44.2



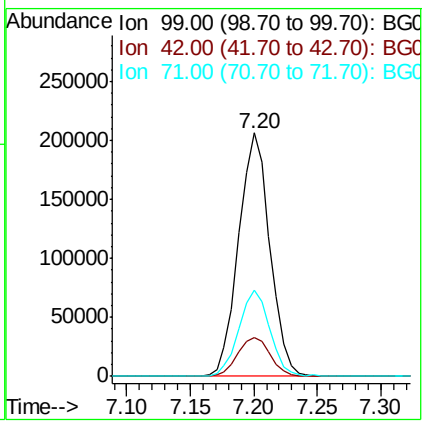


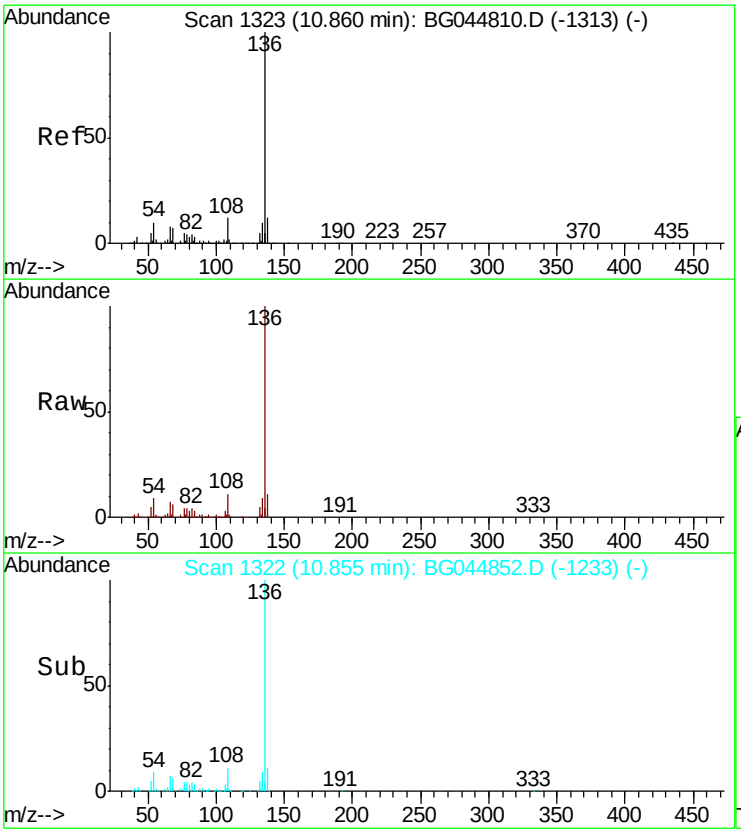
#7
Phenol-d6
Concen: 37.346 ng
RT: 7.20 min Scan# 700
Delta R.T. -0.01 min
Lab File: BG044852.D
Acq: 18 Mar 2020 3:45

Instrument :
BNA_G
ClientSampleId :
MH-G

Tgt Ion: 99 Resp: 352507

Ion	Ratio	Lower	Upper
99	100		
42	15.7	12.6	19.0
71	35.5	29.0	43.4

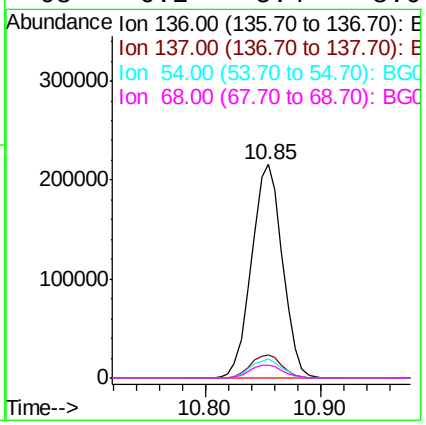


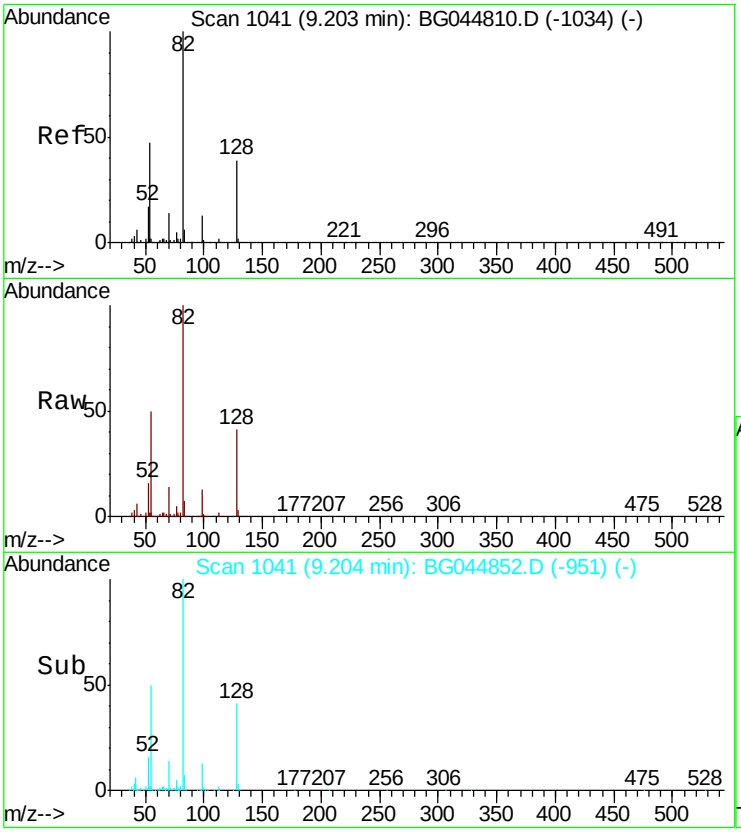


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BG044852.D
Acq: 18 Mar 2020 3:45

Tgt Ion:136 Resp: 402198

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.8	14.6
54	9.2	7.9	11.9
68	6.2	5.4	8.0



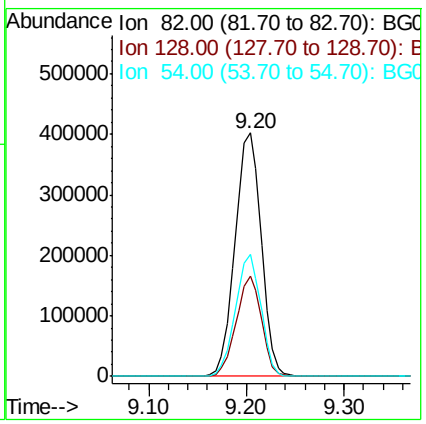


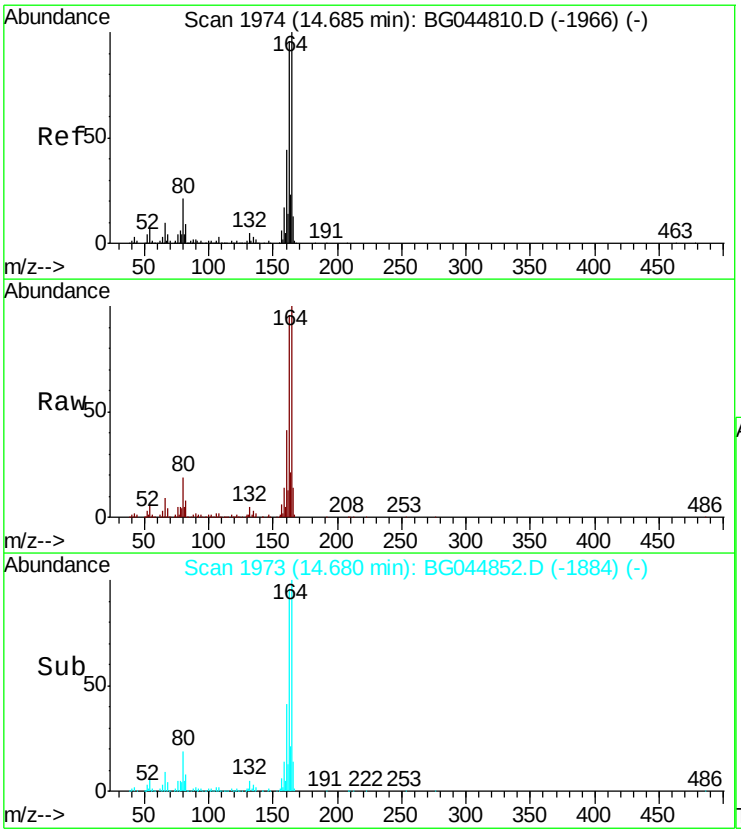
#23
Nitrobenzene-d5
Concen: 81.960 ng
RT: 9.20 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BG044852.D
Acq: 18 Mar 2020 3:45

Instrument :
BNA_G
ClientSampleId :
MH-G

Tgt Ion: 82 Resp: 751206

Ion	Ratio	Lower	Upper
82	100		
128	41.1	30.6	46.0
54	50.0	37.1	55.7

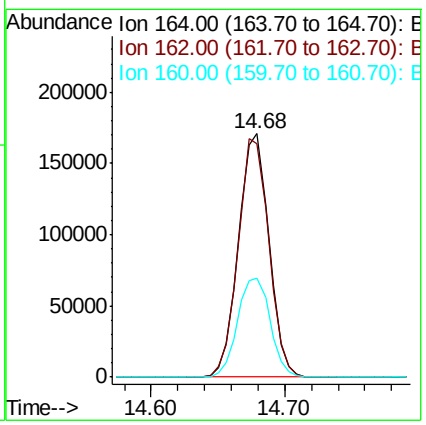


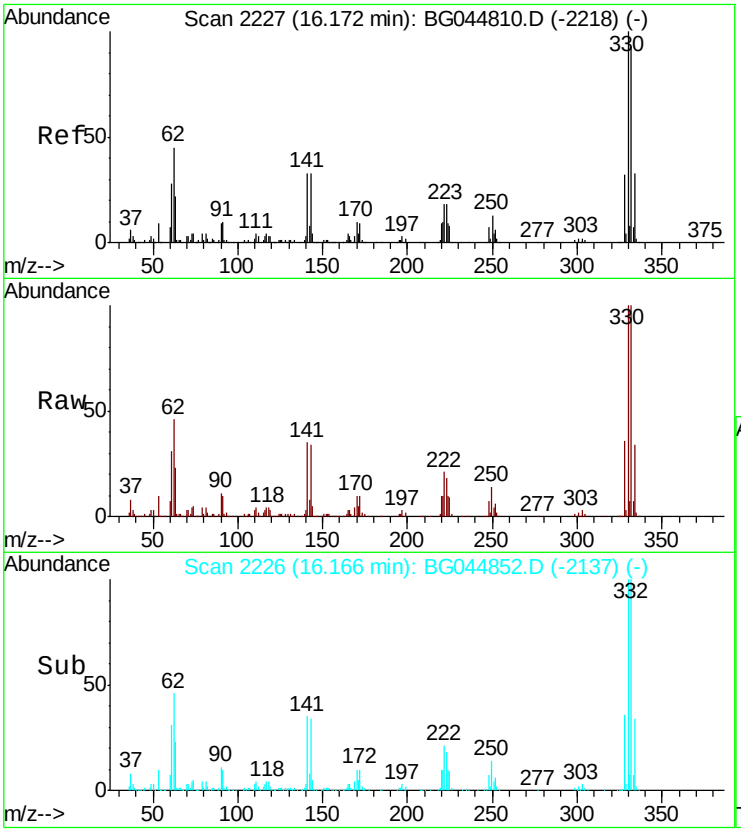


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.01 min
Lab File: BG044852.D
Acq: 18 Mar 2020 3:45

Tgt Ion:164 Resp: 269745

Ion	Ratio	Lower	Upper
164	100		
162	96.1	76.7	115.1
160	40.9	35.0	52.4



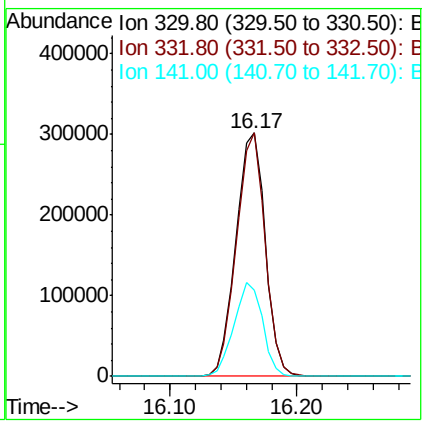


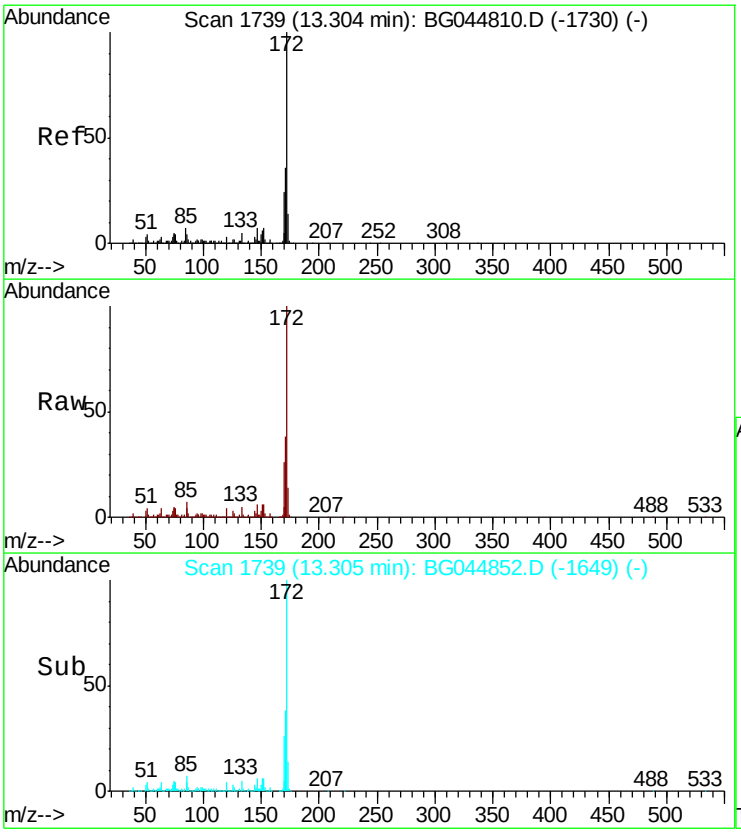
#42
2,4,6-Tribromophenol
Concen: 137.170 ng
RT: 16.17 min Scan# 2226
Delta R.T. -0.01 min
Lab File: BG044852.D
Acq: 18 Mar 2020 3:45

Instrument :
BNA_G
ClientSampleId :
MH-G

Tgt Ion:330 Resp: 484472

Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.8	116.6
141	37.4	29.5	44.3

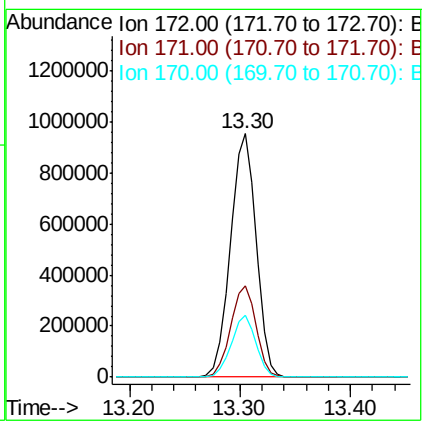


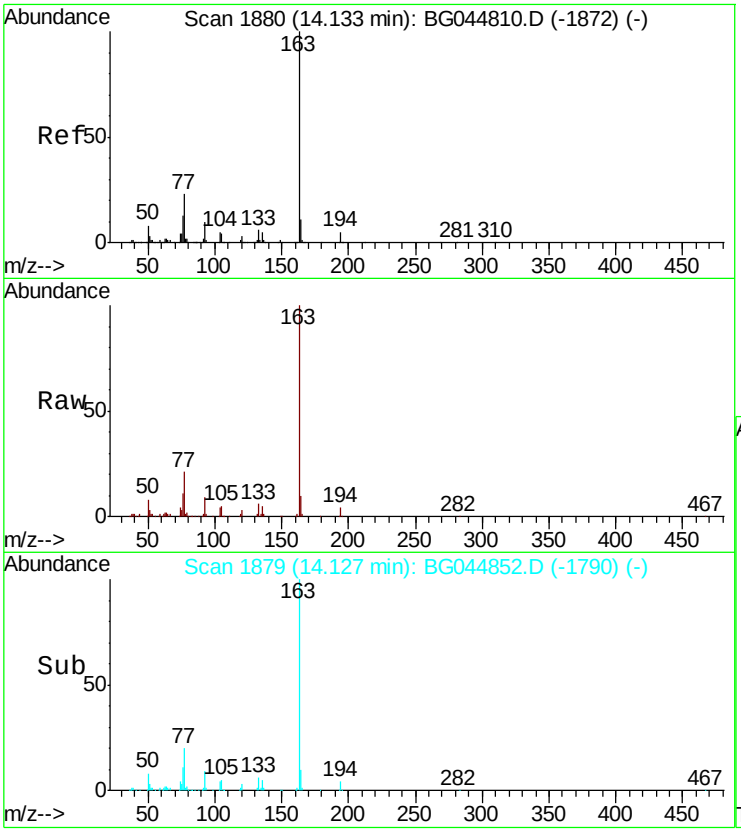


#45
2-Fluorobiphenyl
Concen: 82.644 ng
RT: 13.30 min Scan# 1739
Delta R.T. 0.00 min
Lab File: BG044852.D
Acq: 18 Mar 2020 3:45

Tgt Ion:172 Resp: 1556728

Ion	Ratio	Lower	Upper
172	100		
171	37.6	28.7	43.1
170	25.6	19.0	28.6



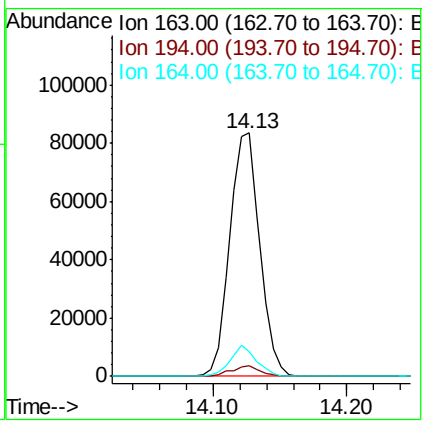


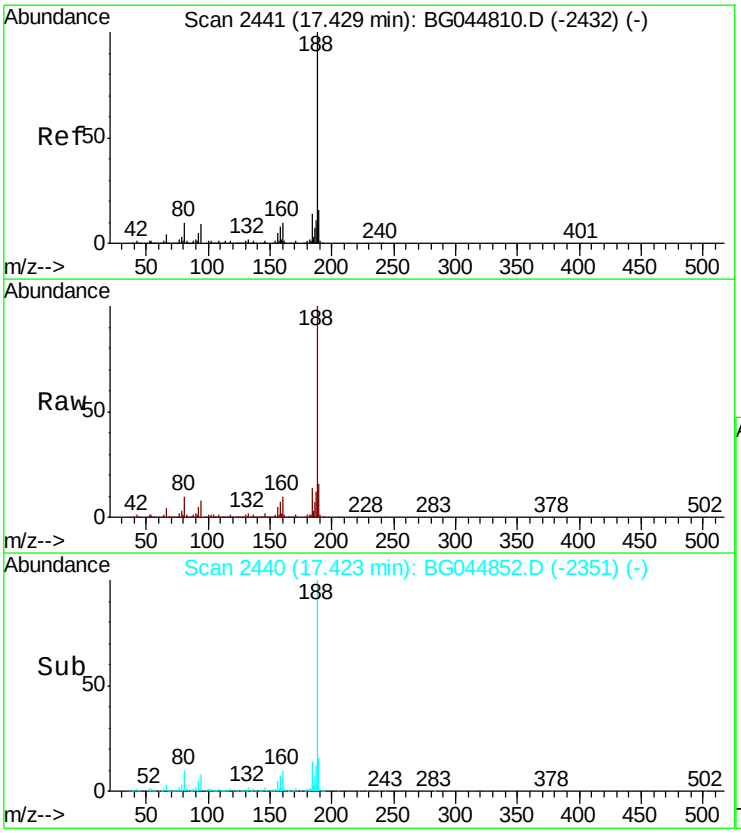
#50
Dimethylphthalate
Concen: 6.088 ng
RT: 14.13 min Scan# 1879
Delta R.T. -0.01 min
Lab File: BG044852.D
Acq: 18 Mar 2020 3:45

Instrument :
BNA_G
ClientSampleId :
MH-G

Tgt Ion:163 Resp: 130788

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.7	5.5
164	10.0	9.1	13.7

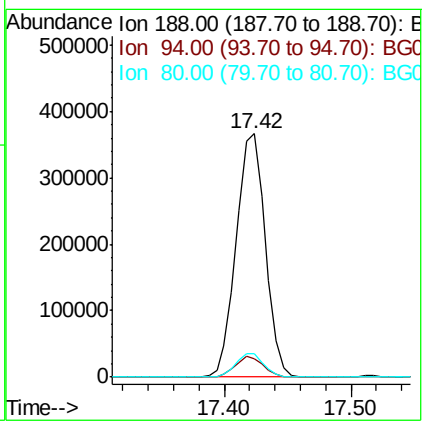


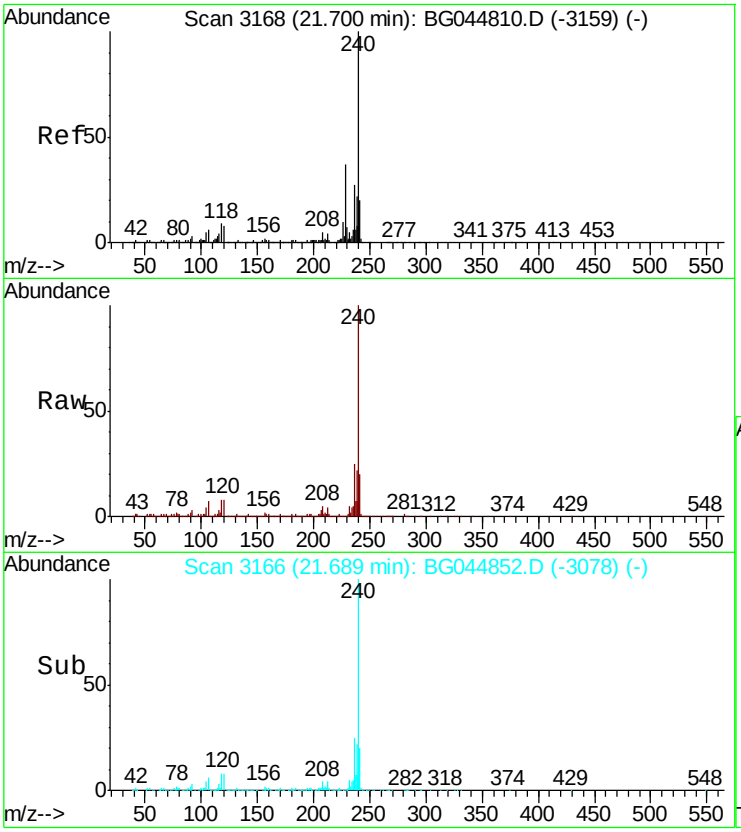


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2440
Delta R.T. -0.01 min
Lab File: BG044852.D
Acq: 18 Mar 2020 3:45

Tgt Ion:188 Resp: 583753

Ion	Ratio	Lower	Upper
188	100		
94	7.7	7.3	10.9
80	9.5	8.0	12.0



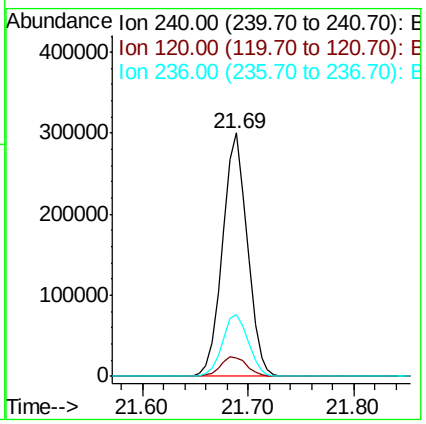


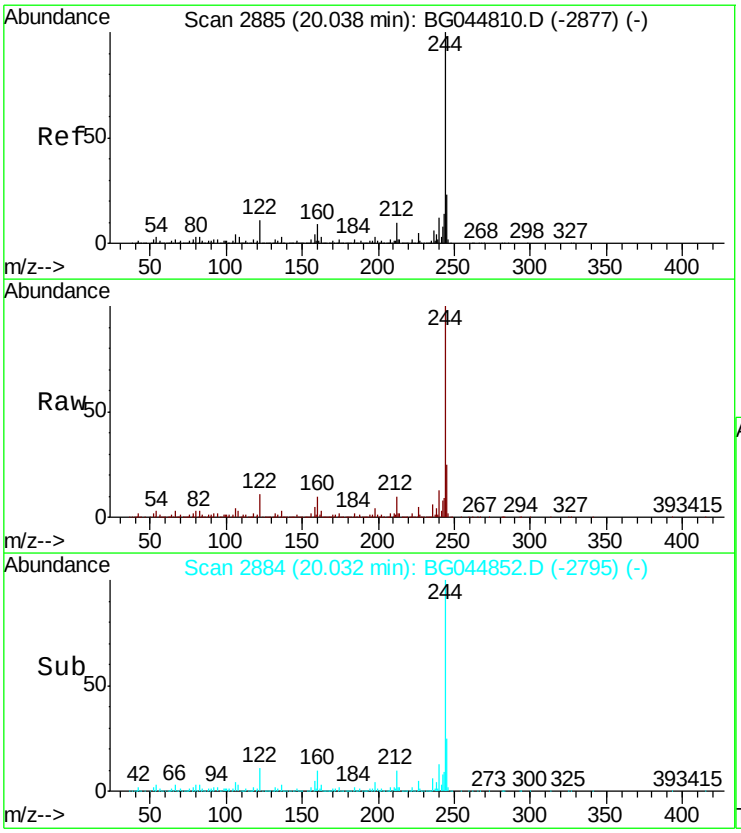
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.01 min
Lab File: BG044852.D
Acq: 18 Mar 2020 3:45

Instrument :
BNA_G
ClientSampleId :
MH-G

Tgt Ion:240 Resp: 487476

Ion	Ratio	Lower	Upper
240	100		
120	7.7	6.7	10.1
236	25.4	21.5	32.3

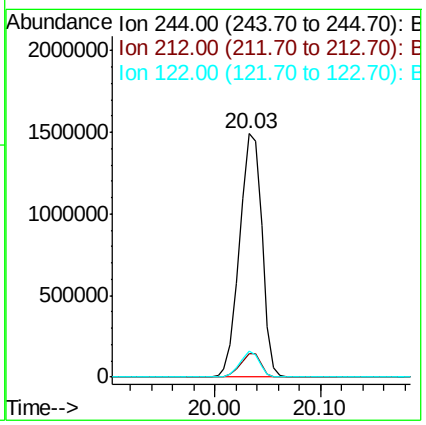


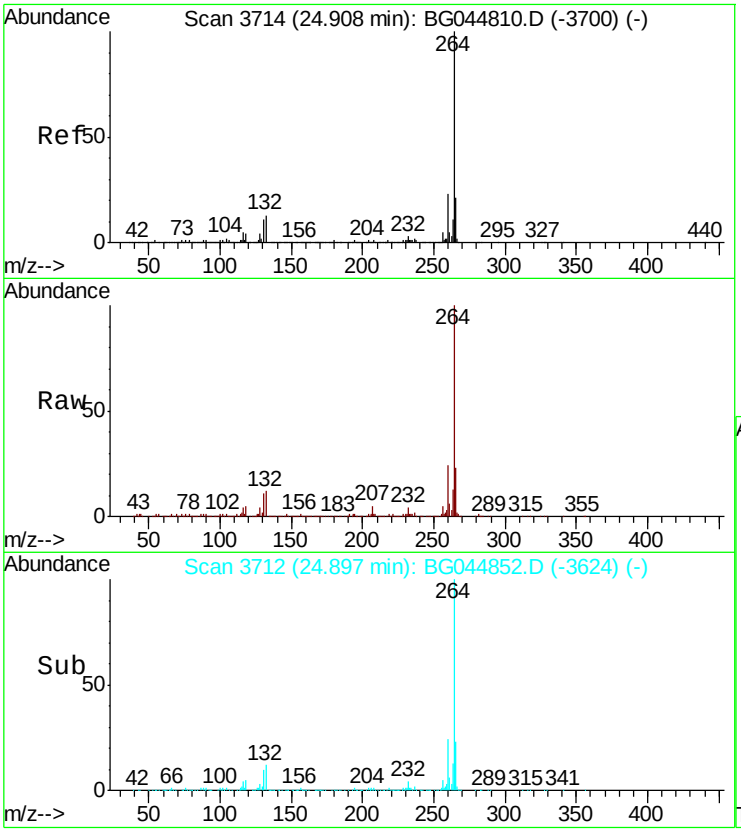


#79
Terphenyl-d14
Concen: 83.583 ng
RT: 20.03 min Scan# 2884
Delta R.T. -0.01 min
Lab File: BG044852.D
Acq: 18 Mar 2020 3:45

Tgt Ion:244 Resp: 2178215

Ion	Ratio	Lower	Upper
244	100		
212	9.7	7.7	11.5
122	10.8	8.6	12.8





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.90 min Scan# 3712
Delta R.T. -0.01 min
Lab File: BG044852.D
Acq: 18 Mar 2020 3:45

Instrument :
BNA_G
ClientSampleId :
MH-G

Tgt Ion:264 Resp: 567874

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.1	27.1
265	22.6	17.1	25.7