Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051120\
Data File : BG045326.D
Acq On : 12 May 2020 11:57
Operator : CG/JU
Sample : L2554-01 5X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DRUM-1-7

Quant Time: May 12 12:41:37 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 11 13:27:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	78940	20.00	ng	0.00
21) Naphthalene-d8	10.78	136	331754	20.00	ng	0.00
39) Acenaphthene-d10	14.62	164	212708	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	398077	20.00	ng	0.00
76) Chrysene-d12	21.64	240	379584	20.00	ng	0.00
87) Perylene-d12	24.81	264	414219	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	76930	16.09	ng	0.00
7) Phenol-d6	7.14	99	119310	16.79	ng	0.00
23) Nitrobenzene-d5	9.13	82	83278	11.45	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	49491	15.06	ng	0.00
45) 2-Fluorobiphenyl	13.24	172	207963	14.34	ng	0.00
79) Terphenyl-d14	19.99	244	267989	15.39	ng	0.00
Target Compounds						Qvalue

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

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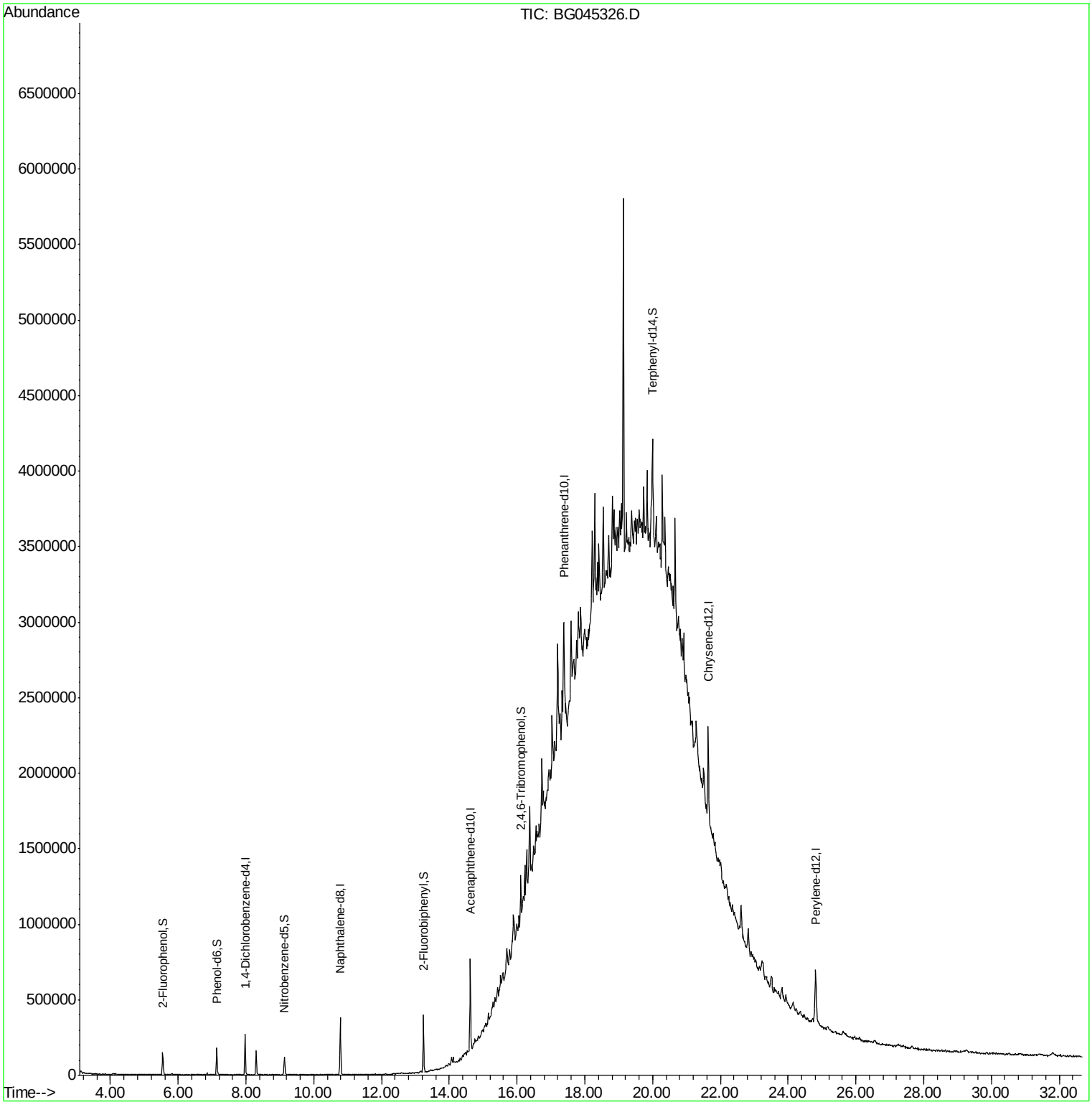
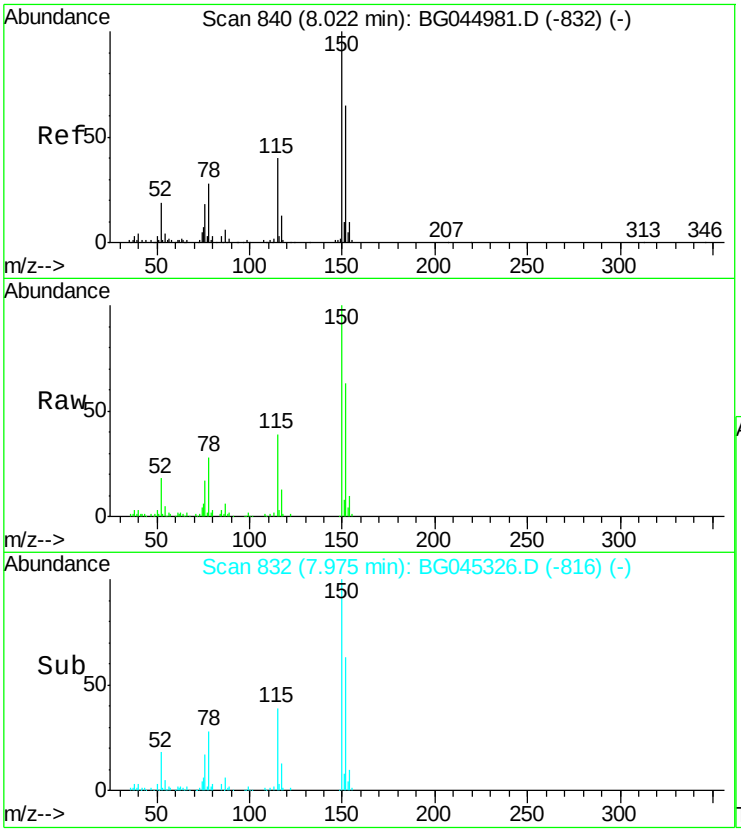


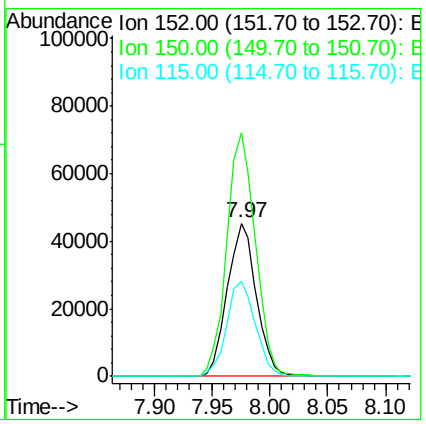


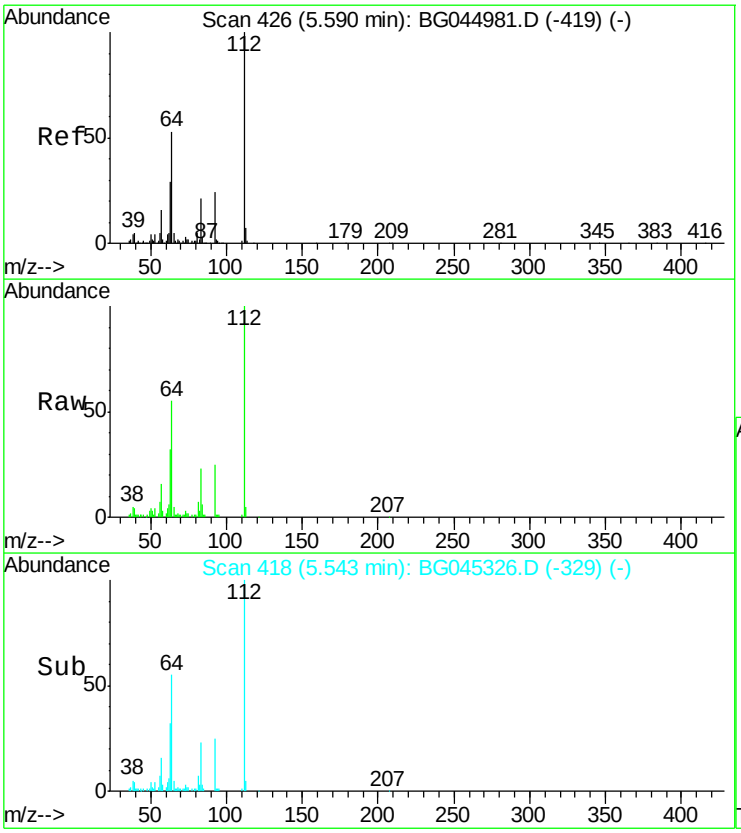
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.97 min Scan# 832
Delta R.T. -0.01 min
Lab File: BG045326.D
Acq: 12 May 2020 11:57

Instrument :
BNA_G
ClientSampleId :
DRUM-1-7

Tgt Ion:152 Resp: 78940

Ion	Ratio	Lower	Upper
152	100		
150	159.1	123.6	185.4
115	62.1	49.1	73.7

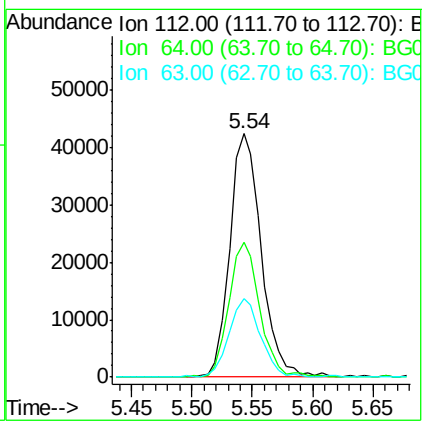


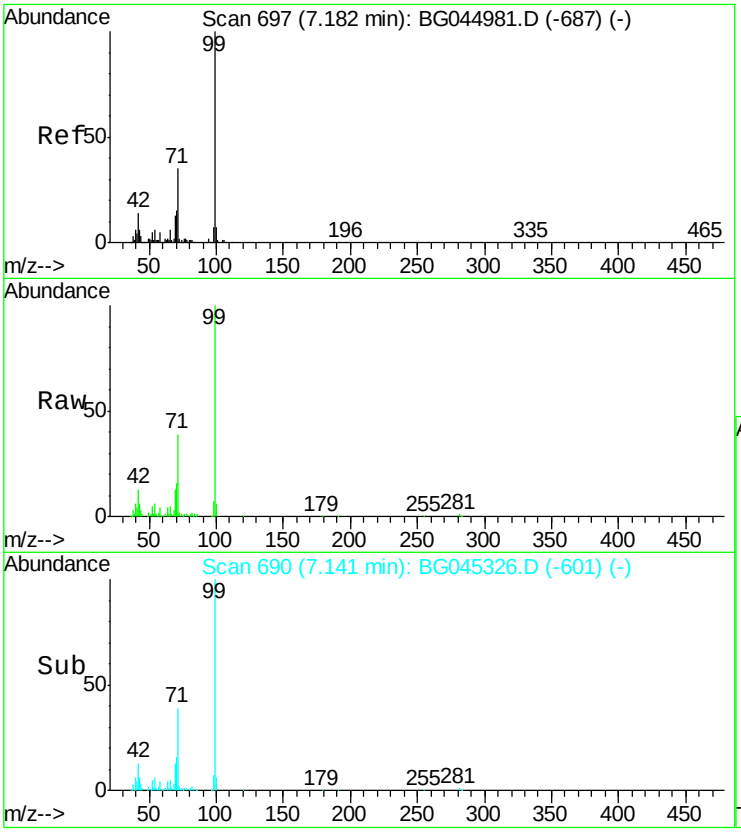


#5
2-Fluorophenol
Concen: 16.09 ng
RT: 5.54 min Scan# 418
Delta R.T. -0.01 min
Lab File: BG045326.D
Acq: 12 May 2020 11:57

Tgt Ion:112 Resp: 76930

Ion	Ratio	Lower	Upper
112	100		
64	55.2	42.4	63.6
63	32.1	23.1	34.7



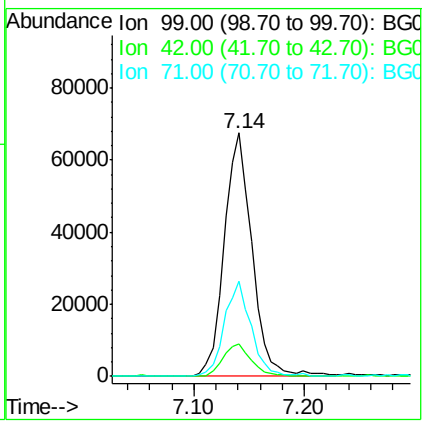


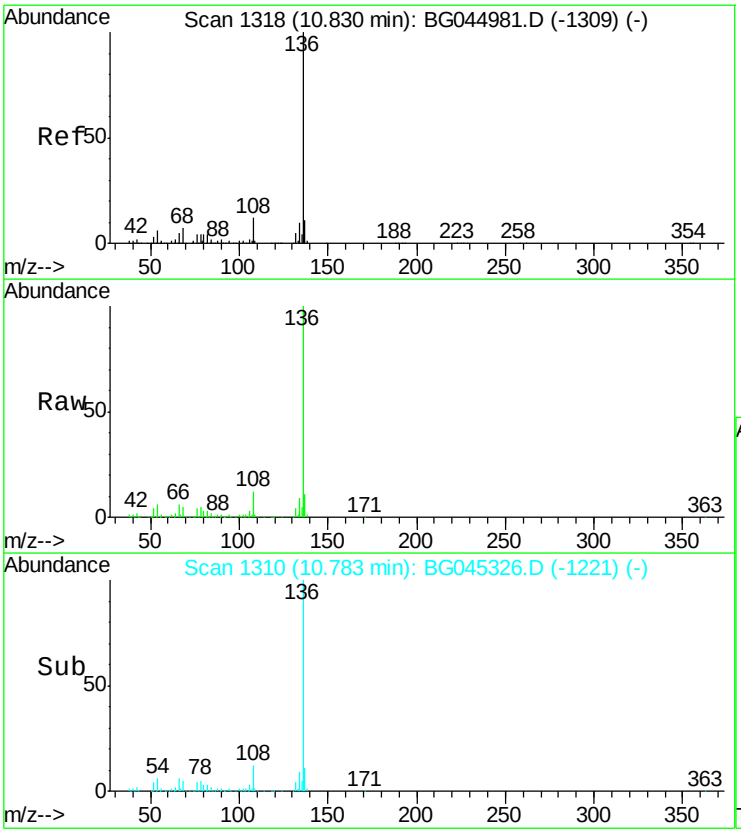
#7
Phenol-d6
Concen: 16.79 ng
RT: 7.14 min Scan# 690
Delta R.T. -0.01 min
Lab File: BG045326.D
Acq: 12 May 2020 11:57

Instrument :
BNA_G
ClientSampleId :
DRUM-1-7

Tgt Ion: 99 Resp: 119310

Ion	Ratio	Lower	Upper
99	100		
42	13.1	11.3	16.9
71	39.1	28.3	42.5

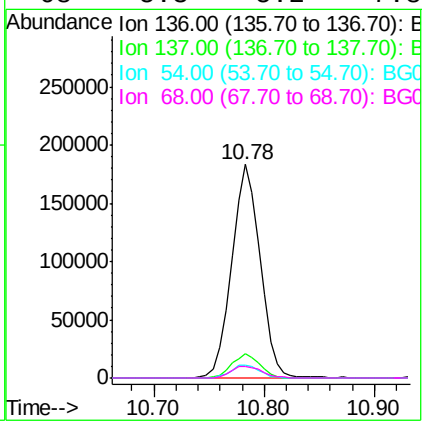


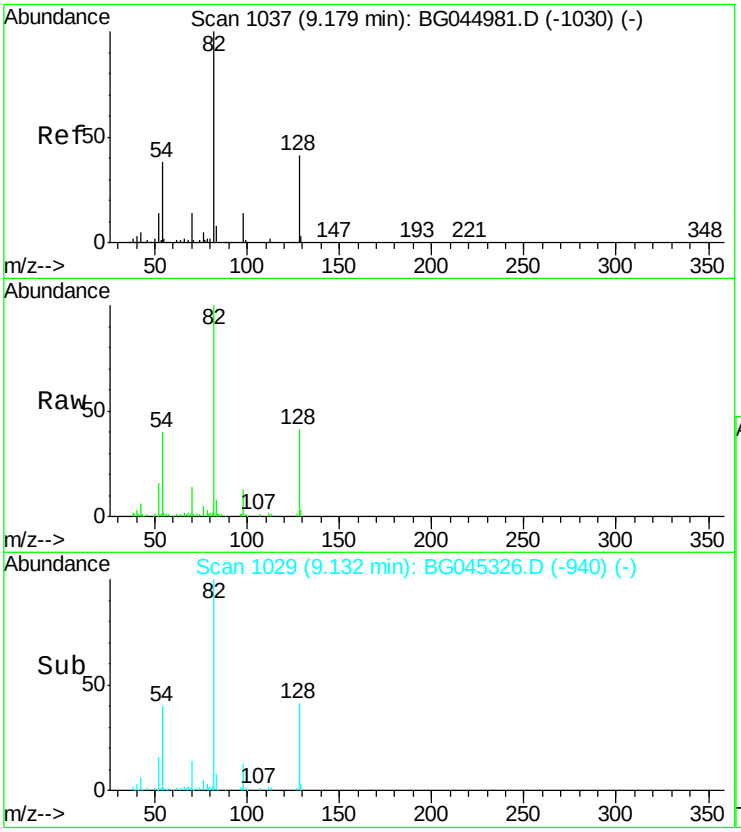


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.78 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BG045326.D
Acq: 12 May 2020 11:57

Tgt Ion:136 Resp: 331754

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	13.0
54	5.9	4.8	7.2
68	5.3	5.2	7.8



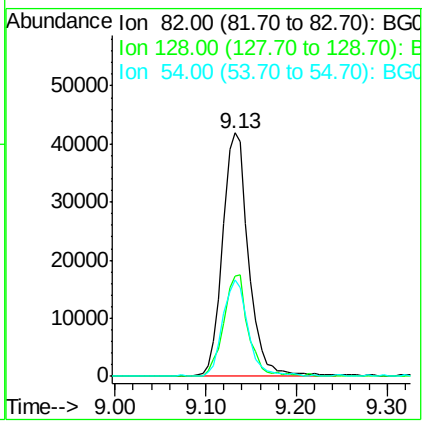


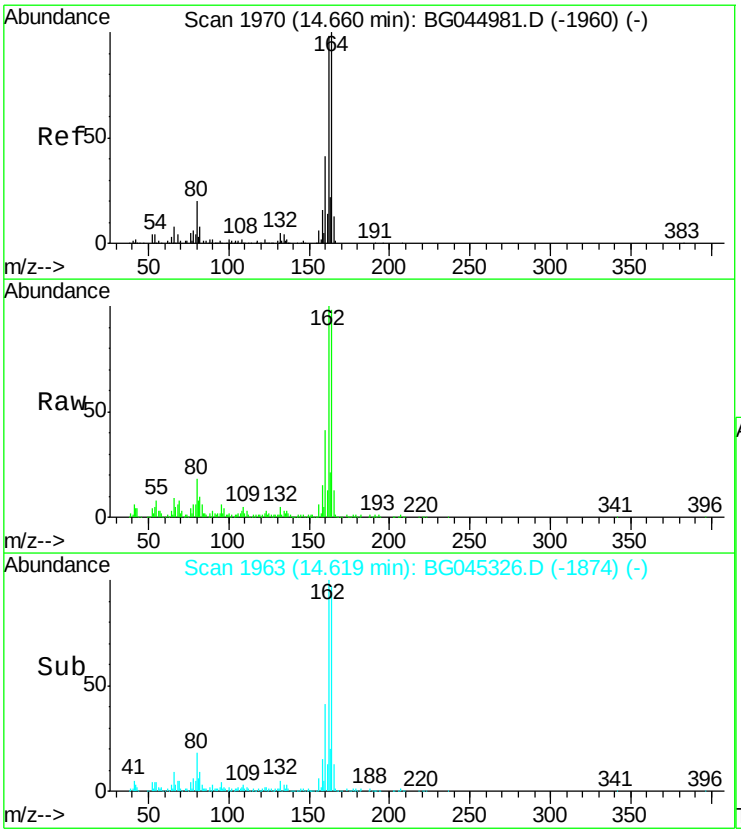
#23
Nitrobenzene-d5
Concen: 11.45 ng
RT: 9.13 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG045326.D
Acq: 12 May 2020 11:57

Instrument :
BNA_G
ClientSampleId :
DRUM-1-7

Tgt Ion: 82 Resp: 83278

Ion	Ratio	Lower	Upper
82	100		
128	41.3	33.0	49.4
54	39.9	30.4	45.6

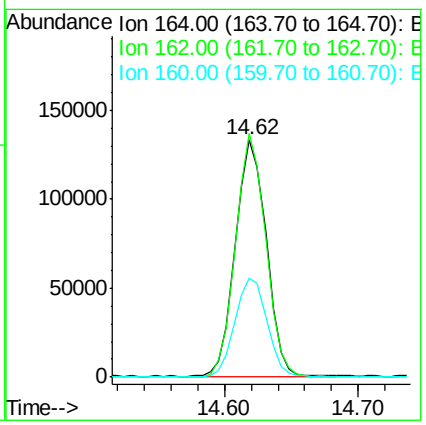


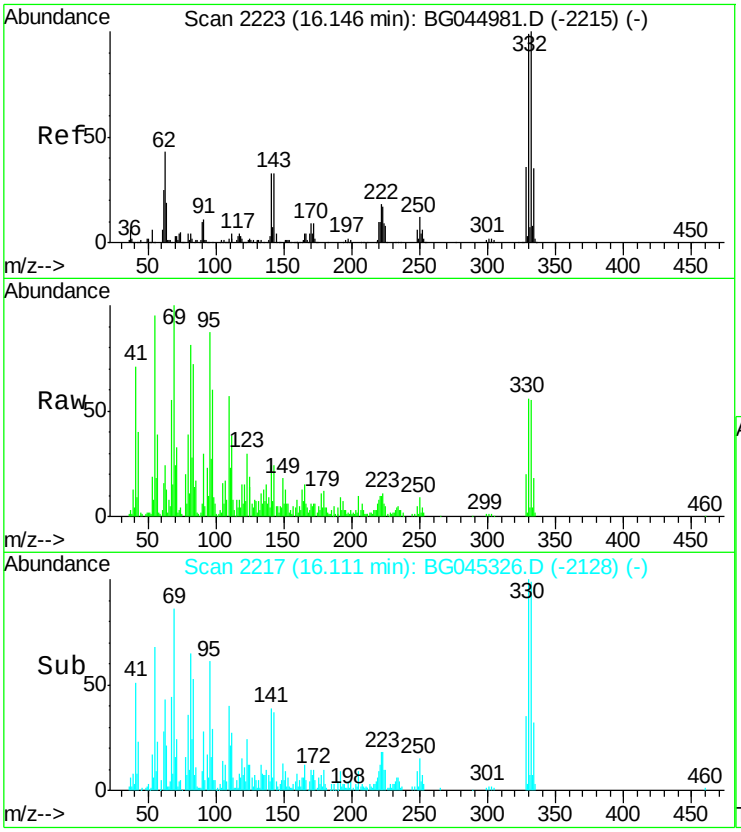


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.62 min Scan# 1963
Delta R.T. -0.01 min
Lab File: BG045326.D
Acq: 12 May 2020 11:57

Tgt Ion:164 Resp: 212708

Ion	Ratio	Lower	Upper
164	100		
162	102.5	78.7	118.1
160	41.9	32.8	49.2



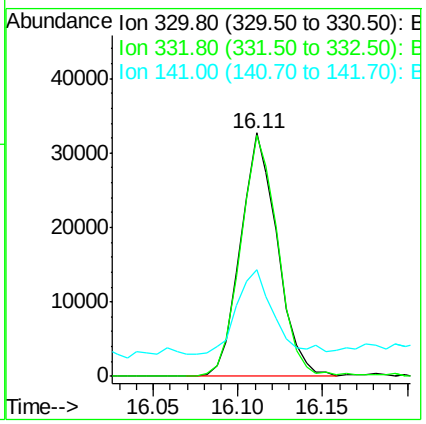


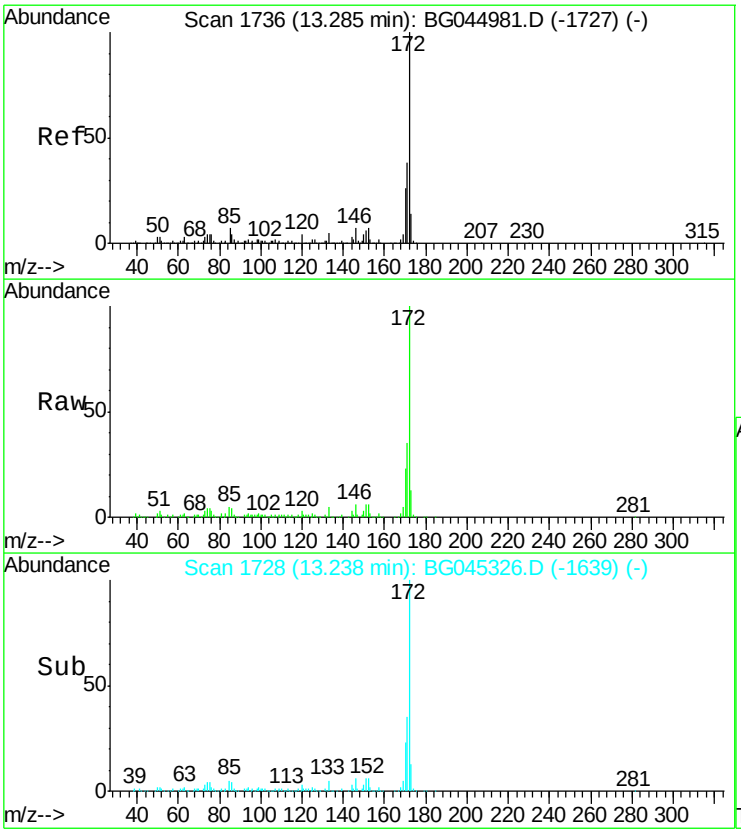
#42
2,4,6-Tribromophenol
Concen: 15.06 ng
RT: 16.11 min Scan# 2217
Delta R.T. -0.01 min
Lab File: BG045326.D
Acq: 12 May 2020 11:57

Instrument :
BNA_G
ClientSampleId :
DRUM-1-7

Tgt Ion:330 Resp: 49491

Ion	Ratio	Lower	Upper
330	100		
332	100.3	79.1	118.7
141	34.7	27.1	40.7

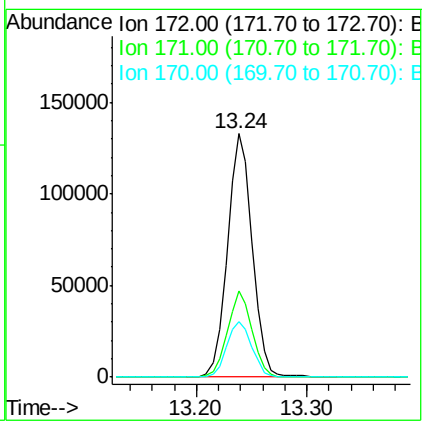


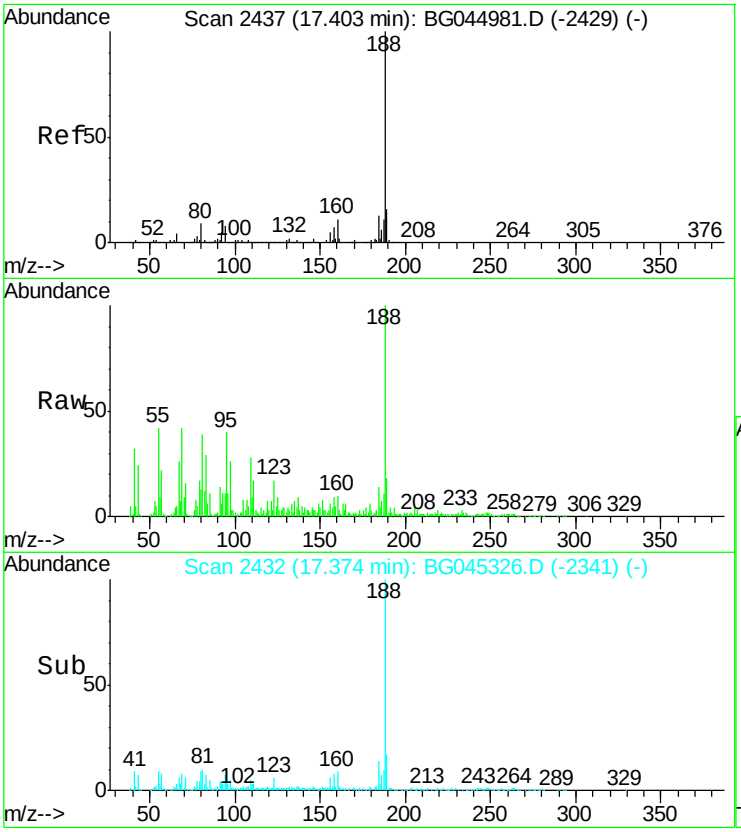


#45
2-Fluorobiphenyl
Concen: 14.34 ng
RT: 13.24 min Scan# 1728
Delta R.T. -0.01 min
Lab File: BG045326.D
Acq: 12 May 2020 11:57

Tgt Ion:172 Resp: 207963

Ion	Ratio	Lower	Upper
172	100		
171	35.3	30.6	46.0
170	22.6	20.5	30.7



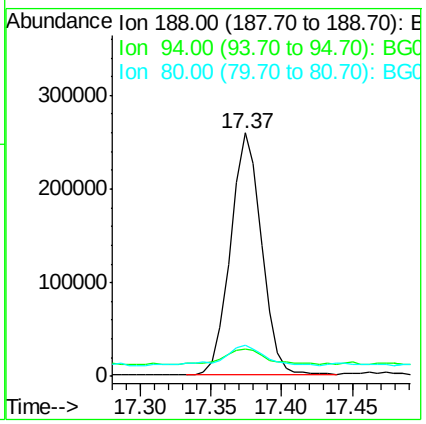


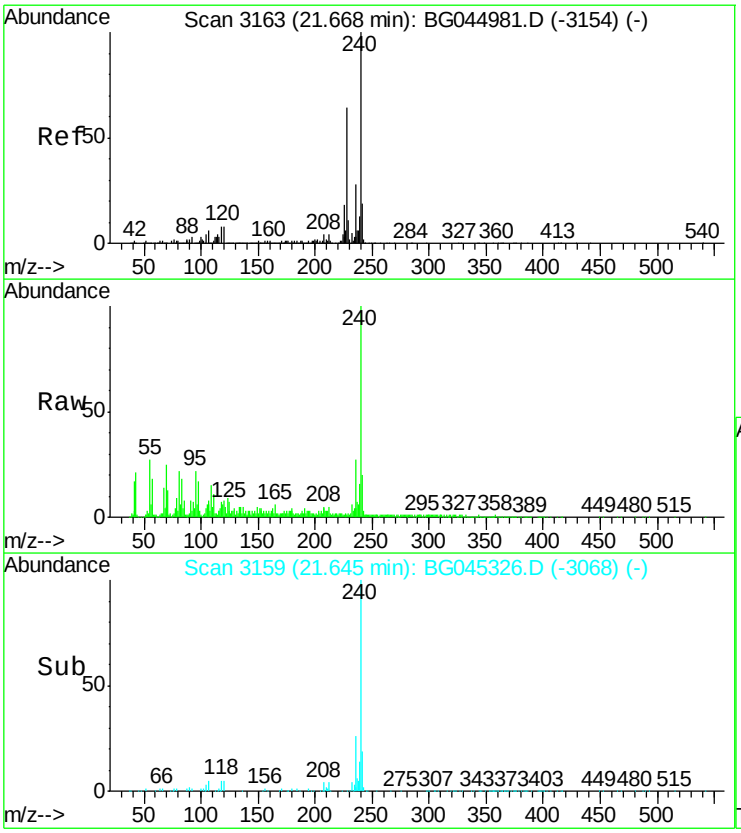
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.37 min Scan# 2432
Delta R.T. 0.00 min
Lab File: BG045326.D
Acq: 12 May 2020 11:57

Instrument :
BNA_G
ClientSampleId :
DRUM-1-7

Tgt Ion:188 Resp: 398077

Ion	Ratio	Lower	Upper
188	100		
94	11.1	6.2	9.4#
80	12.6	7.0	10.6#

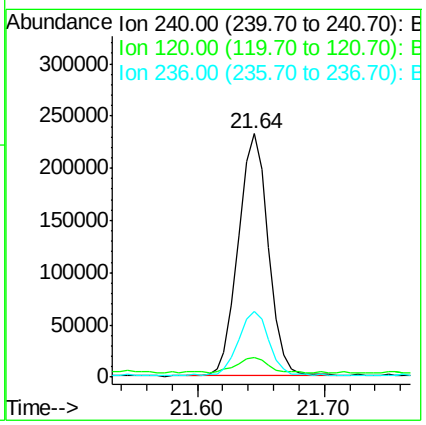


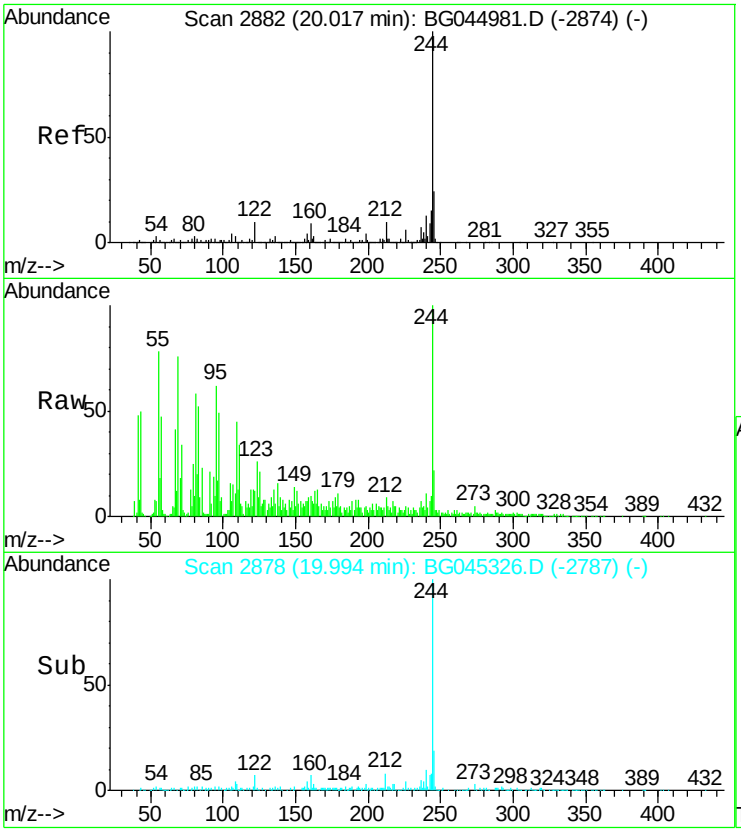


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.64 min Scan# 3159
Delta R.T. 0.00 min
Lab File: BG045326.D
Acq: 12 May 2020 11:57

Tgt Ion:240 Resp: 379584

Ion	Ratio	Lower	Upper
240	100		
120	8.1	6.6	10.0
236	27.1	22.2	33.2



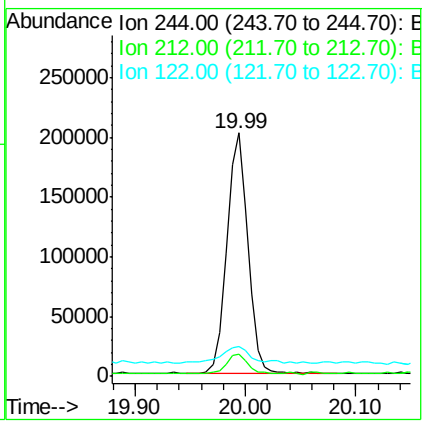


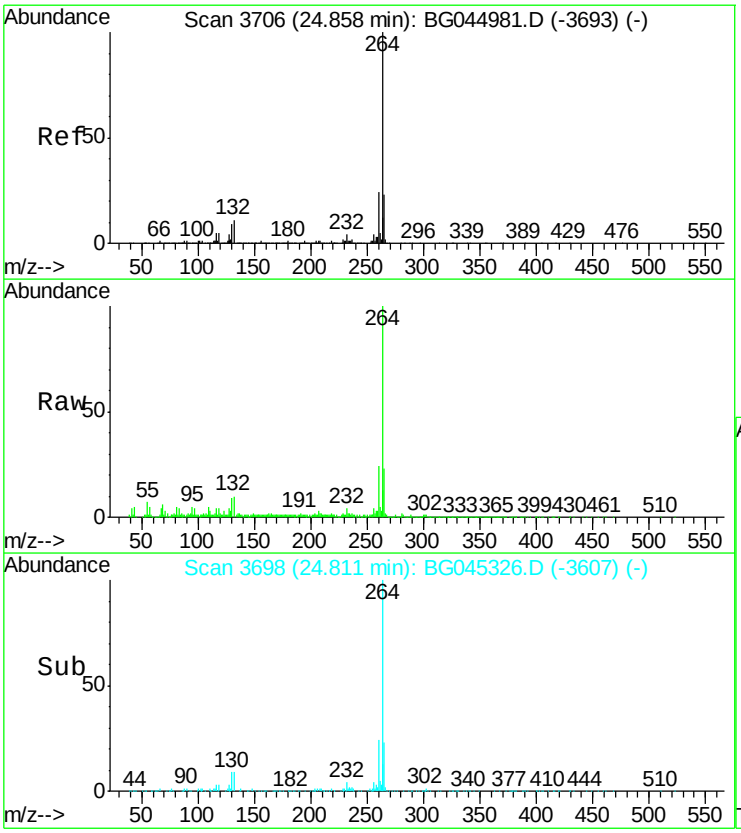
#79
Terphenyl-d14
Concen: 15.39 ng
RT: 19.99 min Scan# 2878
Delta R.T. 0.00 min
Lab File: BG045326.D
Acq: 12 May 2020 11:57

Instrument :
BNA_G
ClientSampleId :
DRUM-1-7

Tgt Ion:244 Resp: 267989

Ion	Ratio	Lower	Upper
244	100		
212	9.3	7.9	11.9
122	12.1	7.7	11.5#





#87
Perylene-d12
Concen: 20.00 ng
RT: 24.81 min Scan# 3698
Delta R.T. 0.00 min
Lab File: BG045326.D
Acq: 12 May 2020 11:57

Tgt Ion:264 Resp: 414219

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	23.1	19.0	28.4