Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050219\
Data File : BG040710.D
Acq On : 2 May 2019 17:06
Operator : JU/SJ
Sample : PB119403BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB119403BL

Quant Time: May 03 05:56:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:35:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	36874	20.00	ng	-0.01
21) Naphthalene-d8	10.97	136	149628	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	109916	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	319503	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	334823	20.00	ng	-0.02
87) Perylene-d12	25.16	264	341391	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	346843	165.81	ng	-0.01
7) Phenol-d6	7.28	99	513560	159.45	ng	-0.01
23) Nitrobenzene-d5	9.32	82	349411	107.90	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	269918	178.66	ng	-0.01
45) 2-Fluorobiphenyl	13.40	172	783647	102.96	ng	-0.02
79) Terphenyl-d14	20.12	244	1663851	110.09	ng	-0.02
Target Compounds						Qvalue

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

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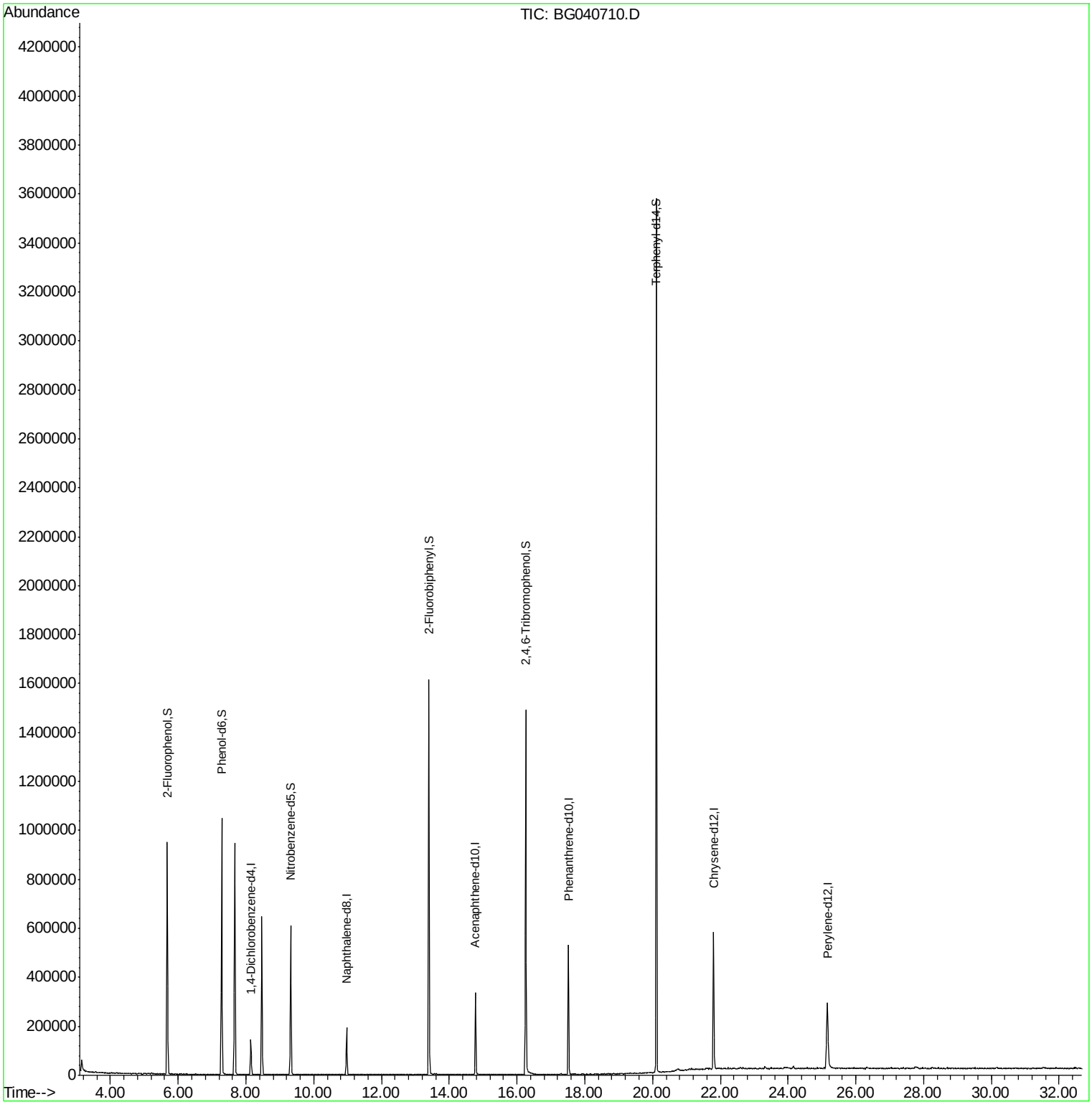
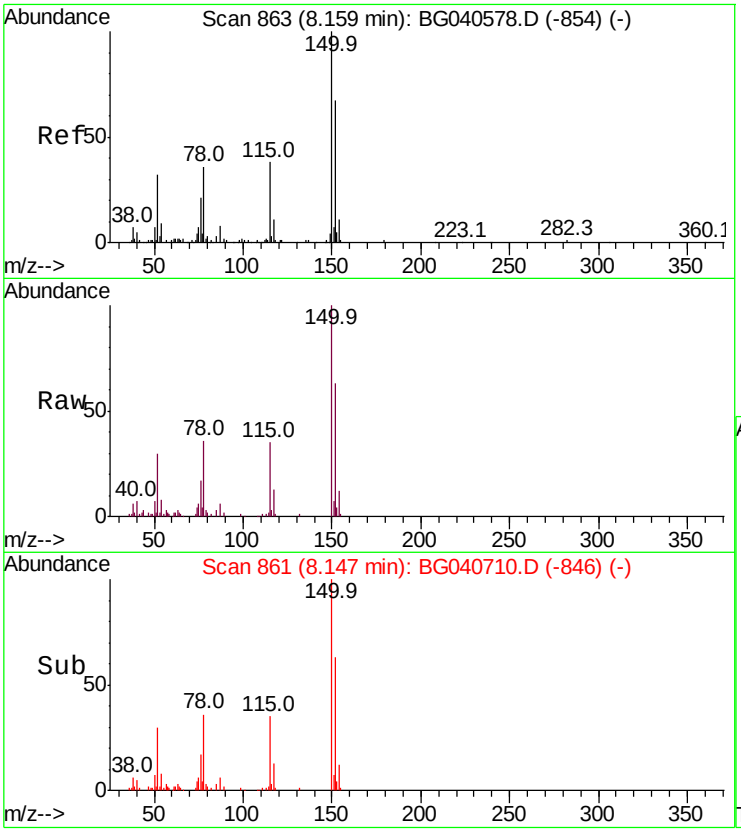


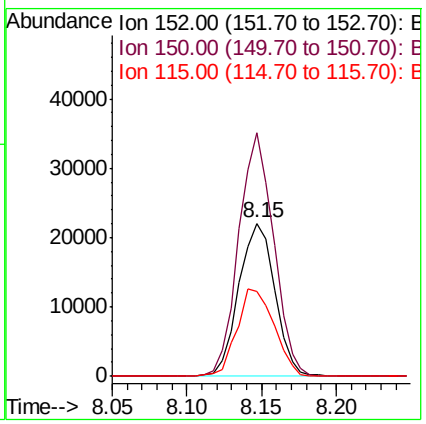


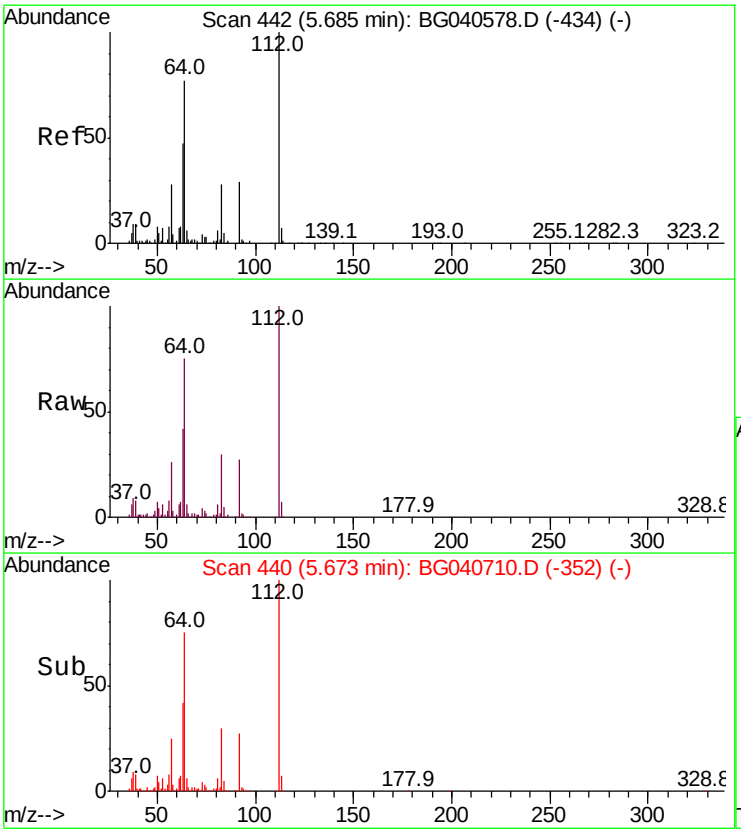
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: BG040710.D
Acq: 2 May 2019 17:06

Instrument :
BNA_G
ClientSampleId :
PB119403BL

Tgt Ion:152 Resp: 36874

Ion	Ratio	Lower	Upper
152	100		
150	159.0	120.2	180.2
115	55.4	46.2	69.2

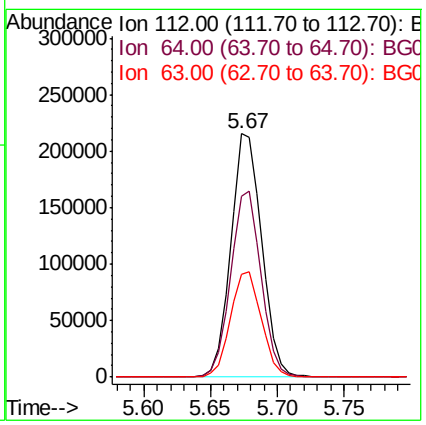


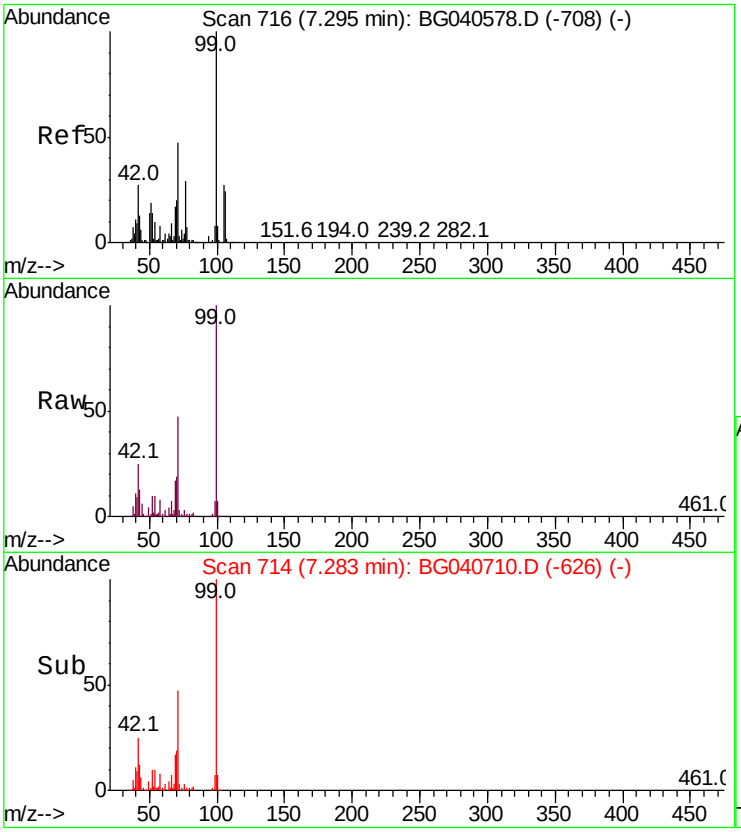


#5
2-Fluorophenol
Concen: 165.809 ng
RT: 5.67 min Scan# 440
Delta R.T. -0.01 min
Lab File: BG040710.D
Acq: 2 May 2019 17:06

Tgt Ion:112 Resp: 346843

Ion	Ratio	Lower	Upper
112	100		
64	74.5	61.4	92.0
63	42.2	37.8	56.6



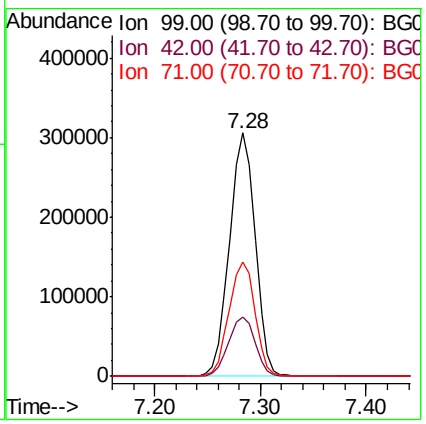


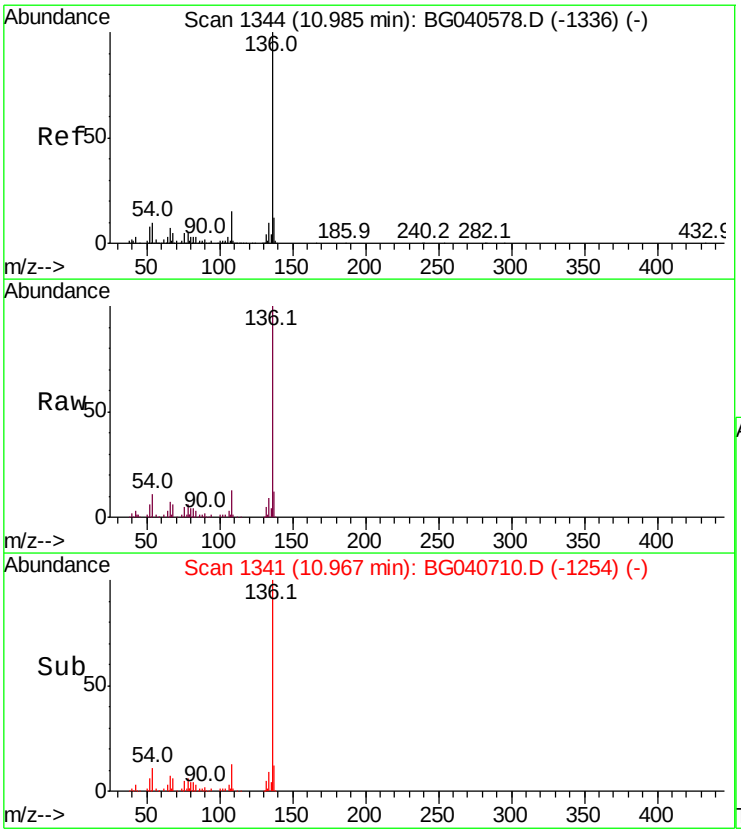
#7
Phenol-d6
Concen: 159.450 ng
RT: 7.28 min Scan# 714
Delta R.T. -0.01 min
Lab File: BG040710.D
Acq: 2 May 2019 17:06

Instrument :
BNA_G
ClientSampleId :
PB119403BL

Tgt Ion: 99 Resp: 513560

Ion	Ratio	Lower	Upper
99	100		
42	24.5	21.8	32.8
71	46.8	38.6	57.8

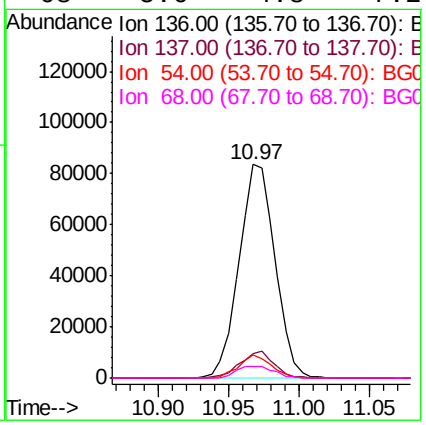


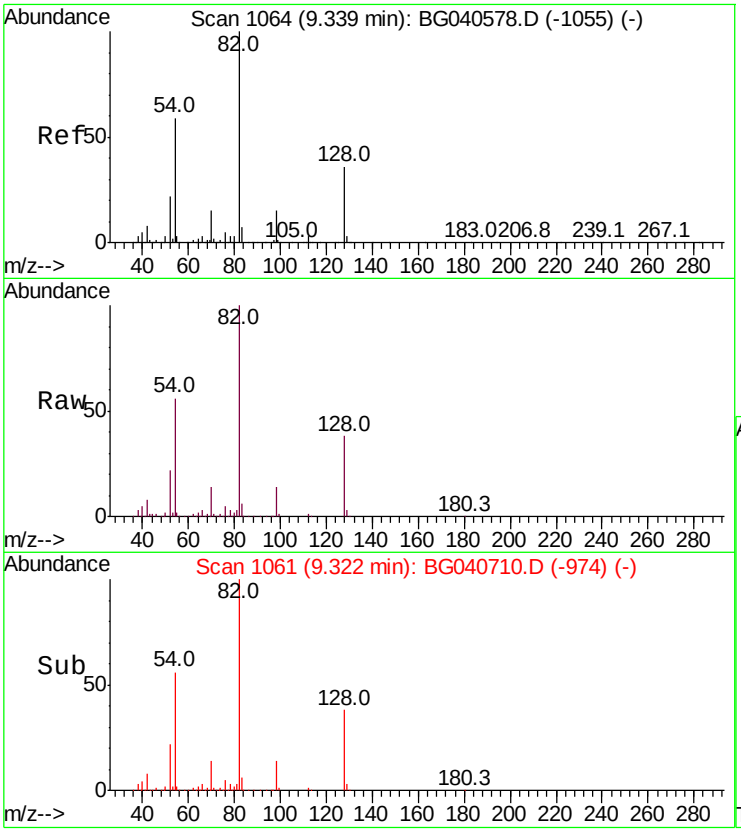


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BG040710.D
Acq: 2 May 2019 17:06

Tgt Ion:136 Resp: 149628

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.7	14.5
54	10.8	8.6	12.8
68	5.6	4.8	7.2



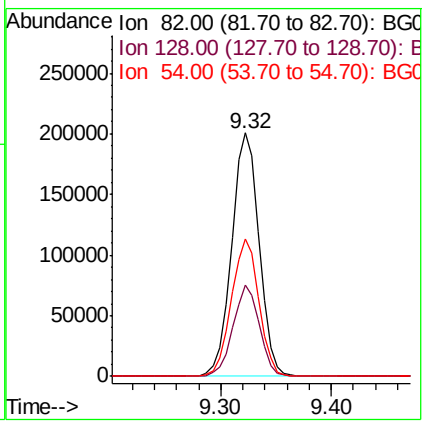


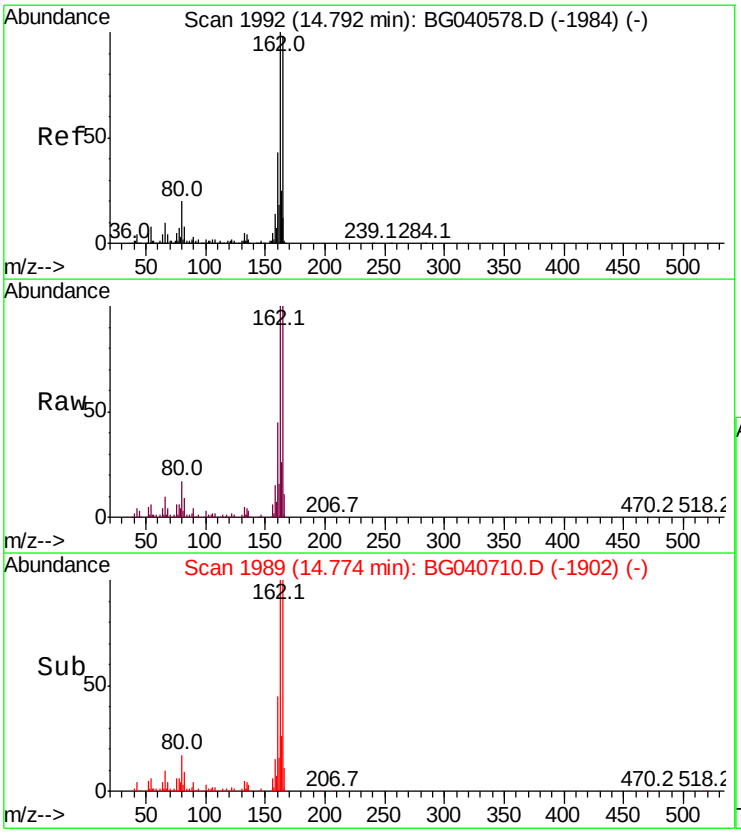
#23
Nitrobenzene-d5
Concen: 107.901 ng
RT: 9.32 min Scan# 1061
Delta R.T. -0.02 min
Lab File: BG040710.D
Acq: 2 May 2019 17:06

Instrument :
BNA_G
ClientSampleId :
PB119403BL

Tgt Ion: 82 Resp: 349411

Ion	Ratio	Lower	Upper
82	100		
128	37.5	28.9	43.3
54	56.4	47.2	70.8

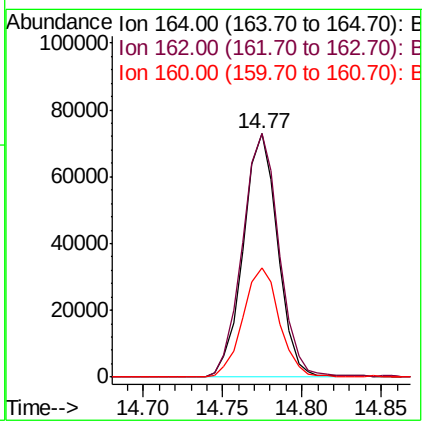


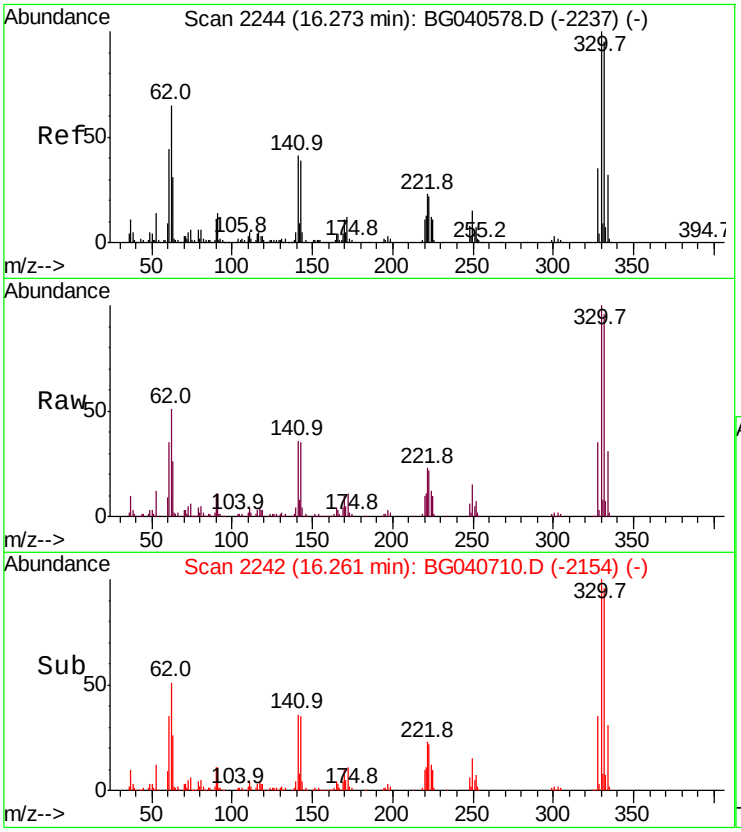


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1989
Delta R.T. -0.02 min
Lab File: BG040710.D
Acq: 2 May 2019 17:06

Tgt Ion:164 Resp: 109916

Ion	Ratio	Lower	Upper
164	100		
162	100.2	81.9	122.9
160	44.9	35.4	53.2



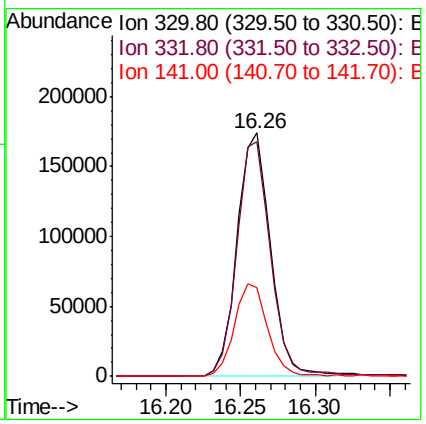


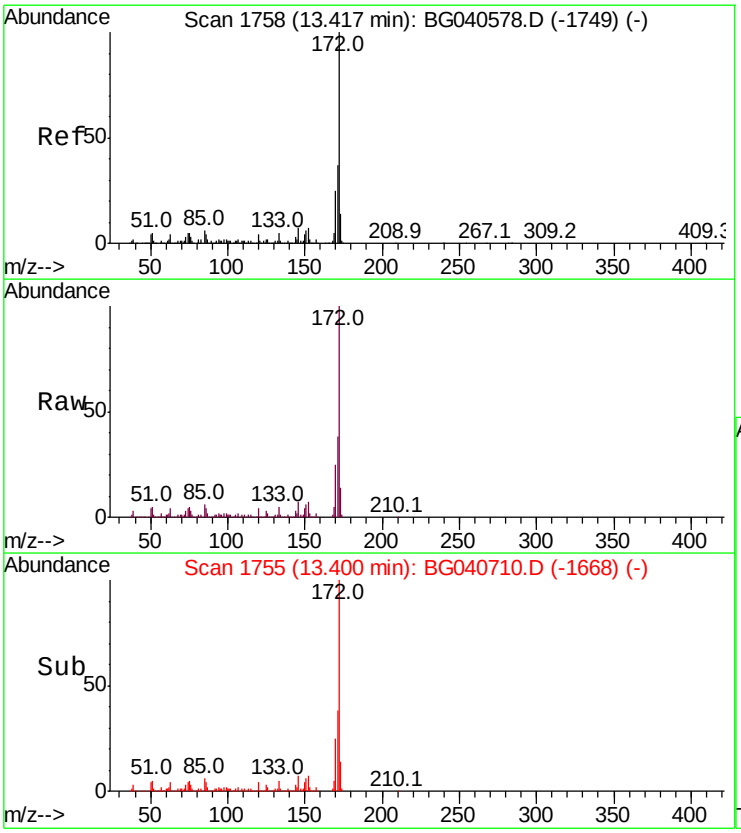
#42
2,4,6-Tribromophenol
Concen: 178.657 ng
RT: 16.26 min Scan# 2242
Delta R.T. -0.01 min
Lab File: BG040710.D
Acq: 2 May 2019 17:06

Instrument :
BNA_G
ClientSampleId :
PB119403BL

Tgt Ion:330 Resp: 269918

Ion	Ratio	Lower	Upper
330	100		
332	97.6	75.9	113.9
141	38.1	32.4	48.6

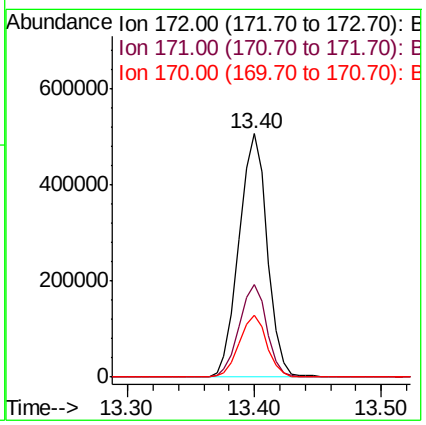


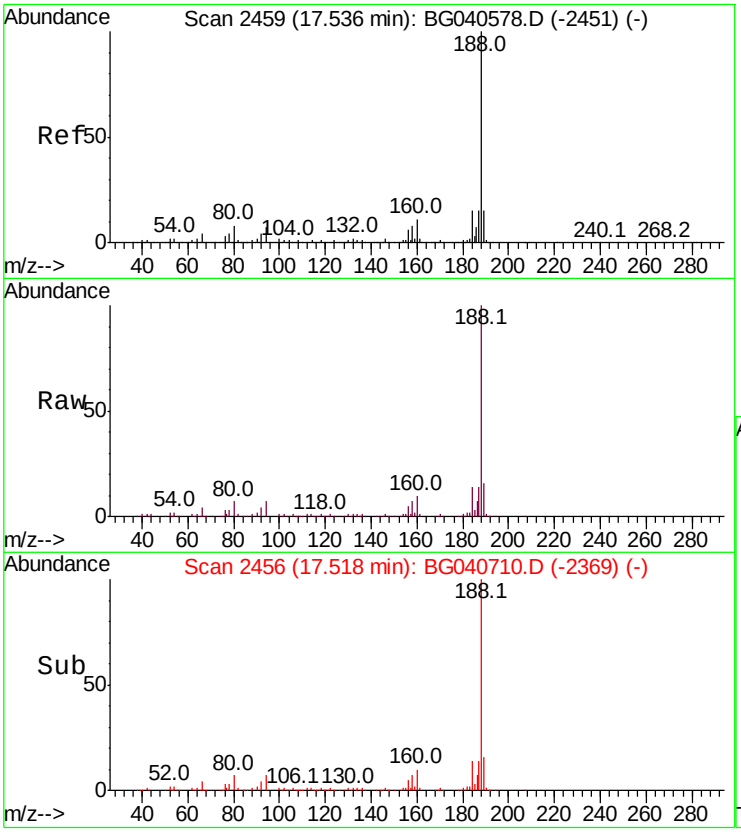


#45
2-Fluorobiphenyl
Concen: 102.964 ng
RT: 13.40 min Scan# 1755
Delta R.T. -0.02 min
Lab File: BG040710.D
Acq: 2 May 2019 17:06

Tgt Ion:172 Resp: 783647

Ion	Ratio	Lower	Upper
172	100		
171	38.2	29.4	44.2
170	25.4	19.9	29.9



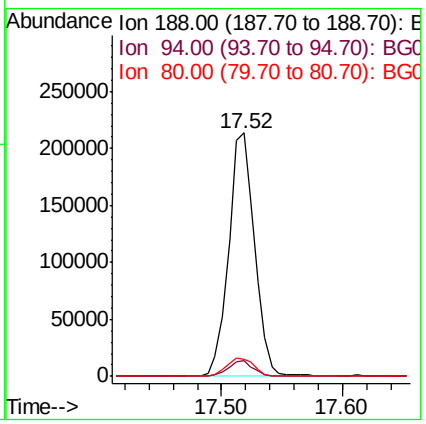


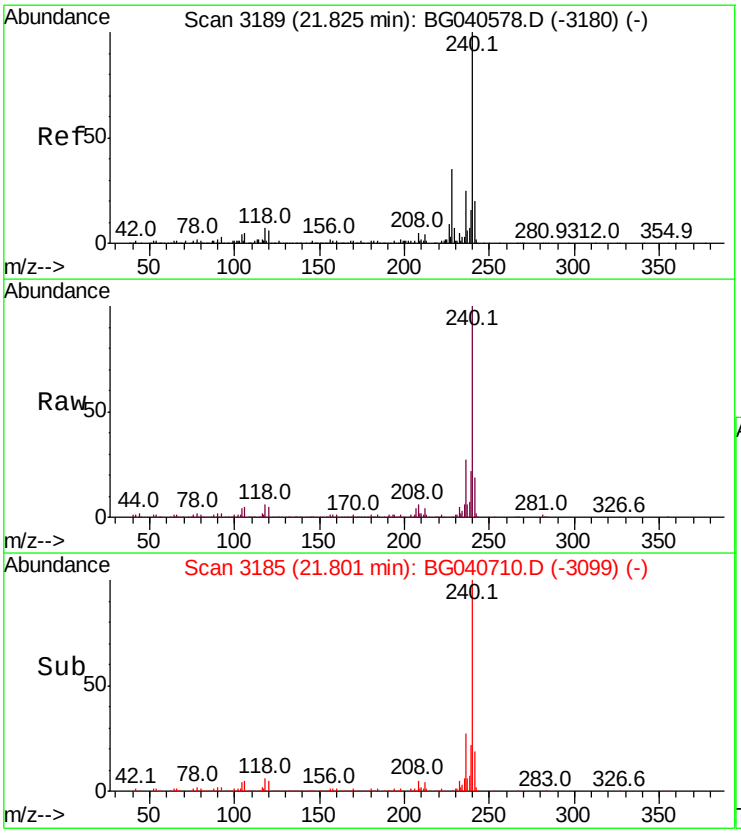
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2456
Delta R.T. -0.02 min
Lab File: BG040710.D
Acq: 2 May 2019 17:06

Instrument :
BNA_G
ClientSampleId :
PB119403BL

Tgt Ion:188 Resp: 319503

Ion	Ratio	Lower	Upper
188	100		
94	6.6	5.6	8.4
80	7.1	6.4	9.6

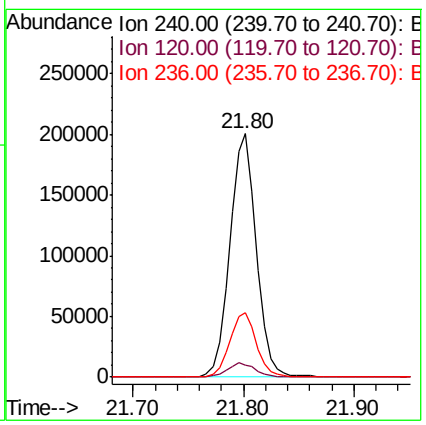


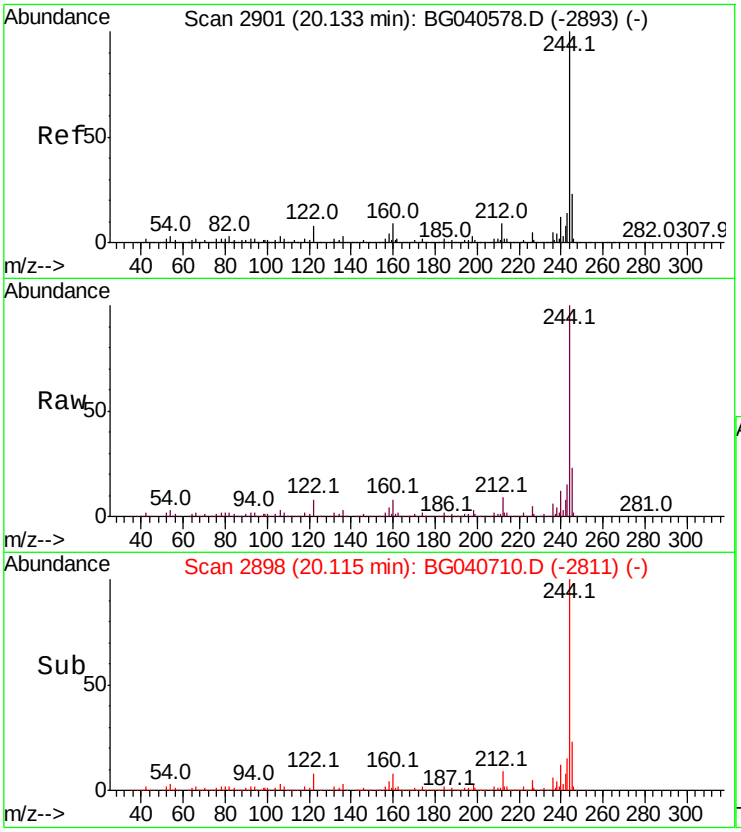


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3185
Delta R.T. -0.02 min
Lab File: BG040710.D
Acq: 2 May 2019 17:06

Tgt Ion:240 Resp: 334823

Ion	Ratio	Lower	Upper
240	100		
120	4.9	5.0	7.6#
236	26.7	20.3	30.5



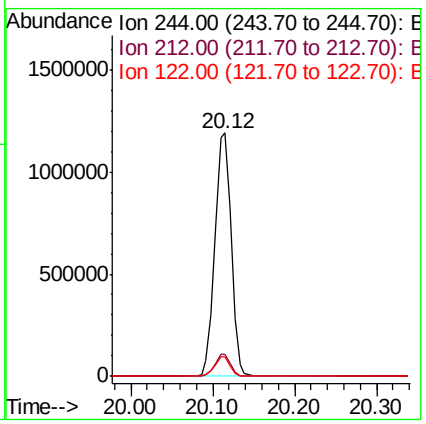


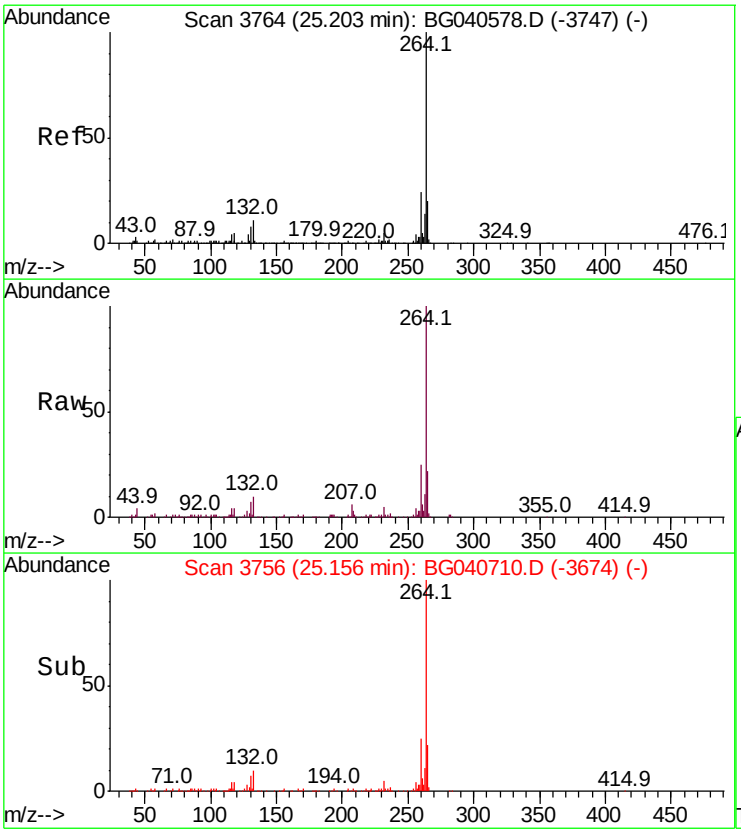
#79
Terphenyl-d14
Concen: 110.092 ng
RT: 20.12 min Scan# 2898
Delta R.T. -0.02 min
Lab File: BG040710.D
Acq: 2 May 2019 17:06

Instrument :
BNA_G
ClientSampleId :
PB119403BL

Tgt Ion:244 Resp: 1663851

Ion	Ratio	Lower	Upper
244	100		
212	9.1	7.2	10.8
122	7.9	6.6	10.0





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.16 min Scan# 3756
Delta R.T. -0.05 min
Lab File: BG040710.D
Acq: 2 May 2019 17:06

Tgt Ion:264 Resp: 341391

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.2	28.8
265	21.7	16.6	25.0