Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041719\
Data File : BG040549.D
Acq On : 18 Apr 2019 3:54
Operator : JU/SJ
Sample : PB118988TB
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Apr 18 05:58:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Apr 13 00:33:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	54787	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	205130	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	119151	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	326984	20.00	ng	0.00
76) Chrysene-d12	21.69	240	368382	20.00	ng	0.00
87) Perylene-d12	24.97	264	398267	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	408301	123.89	ng	0.00
7) Phenol-d6	7.20	99	551150	121.01	ng	0.00
23) Nitrobenzene-d5	9.22	82	327019	84.74	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	166285	129.13	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	707882	88.03	ng	0.00
79) Terphenyl-d14	20.02	244	1404743	85.79	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.22	70	41893	12.829	ng	# 74
51) 2,6-Dinitrotoluene	14.67	165	15676	7.487	ng	# 24
57) 2,4-Dinitrotoluene	14.67	165	15676	5.388	ng	# 24

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

Quantitation Report (Not Reviewed)

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Data File : BG040549.D
Acq On : 18 Apr 2019 3:54
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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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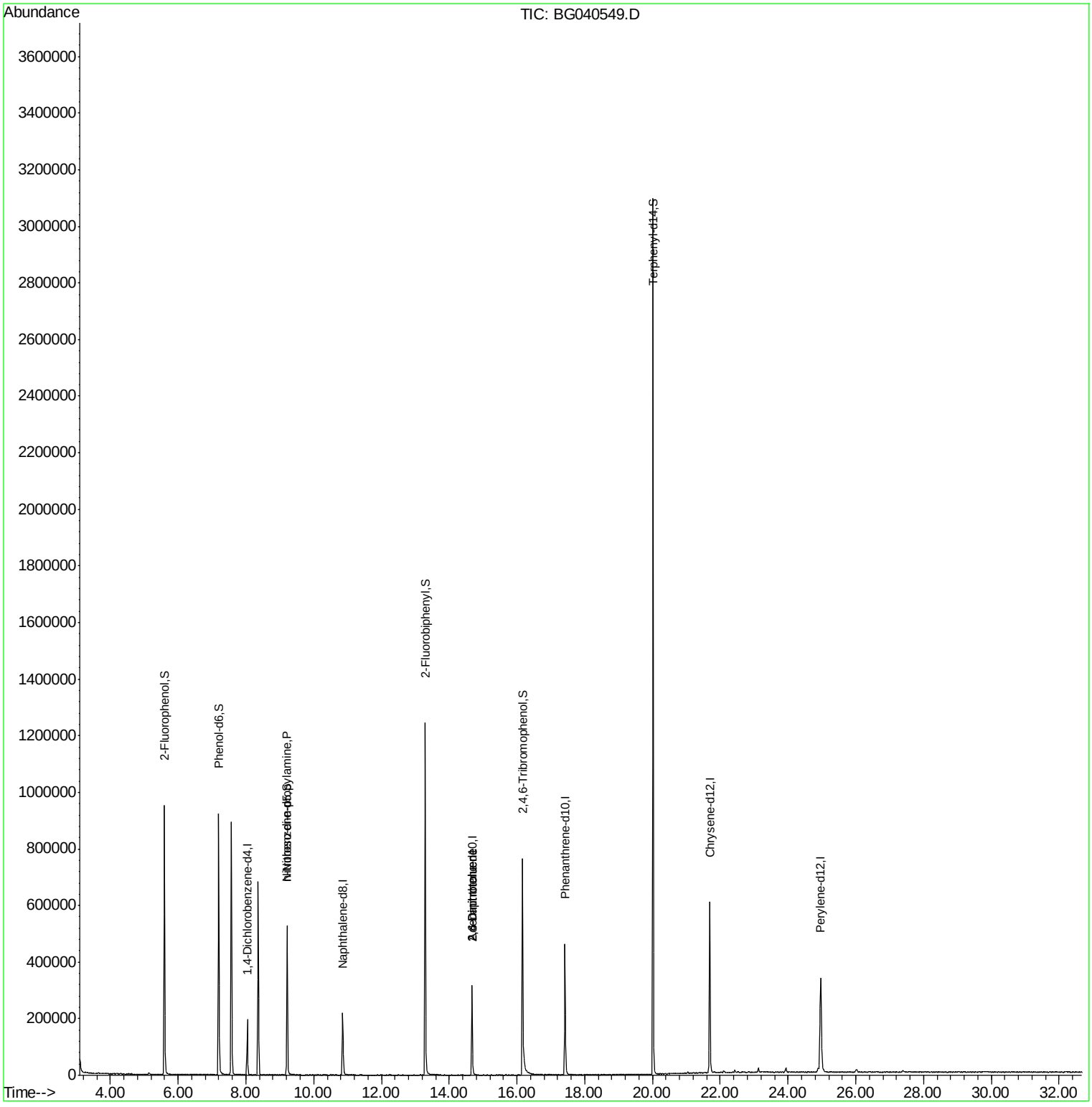
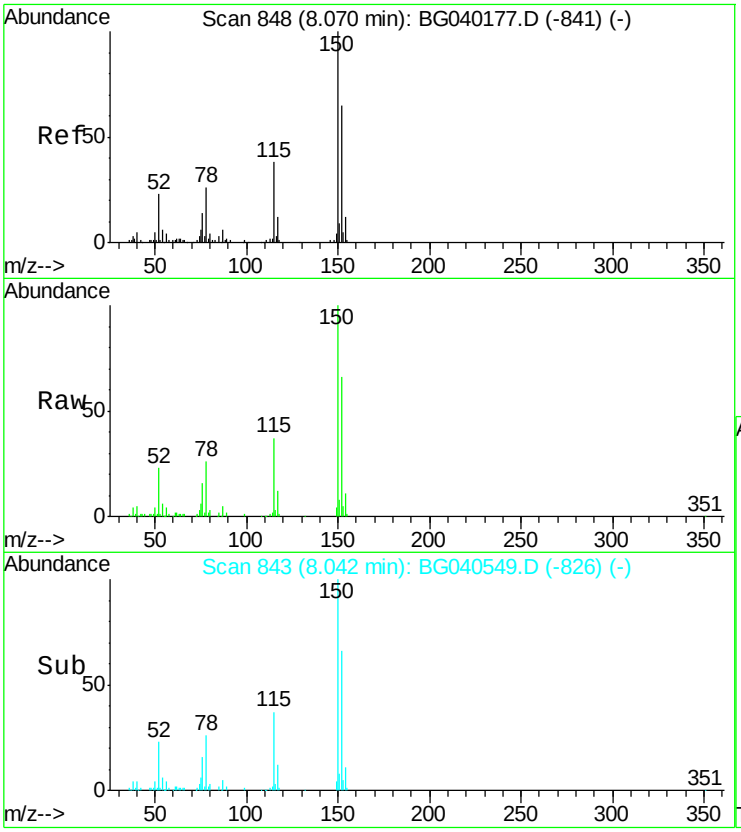


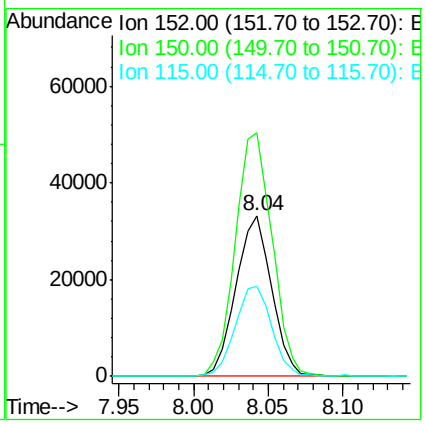


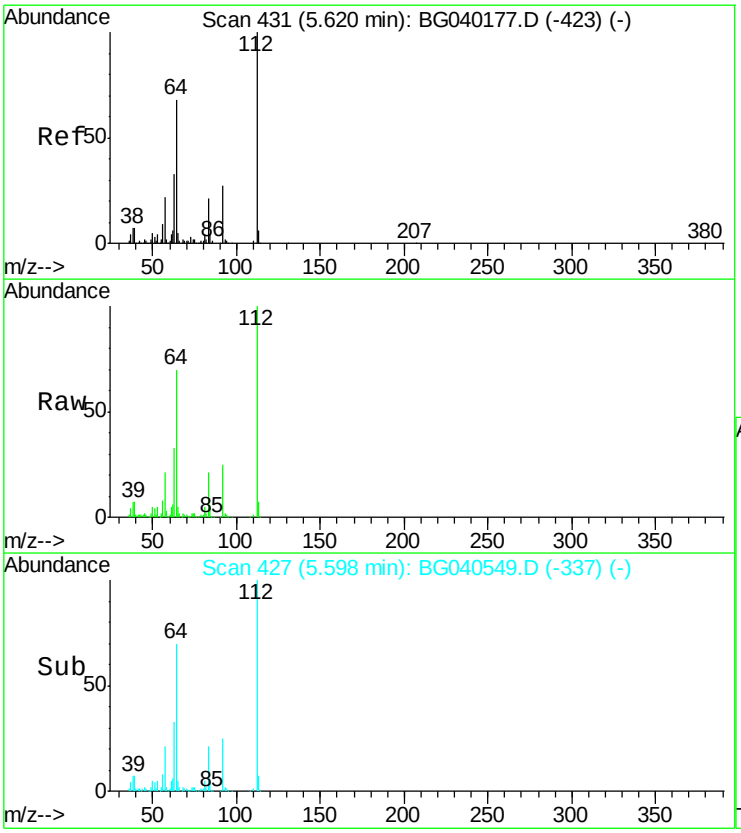
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.00 min
Lab File: BG040549.D
Acq: 18 Apr 2019 3:54

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 54787

Ion	Ratio	Lower	Upper
152	100		
150	151.3	123.7	185.5
115	56.1	46.9	70.3

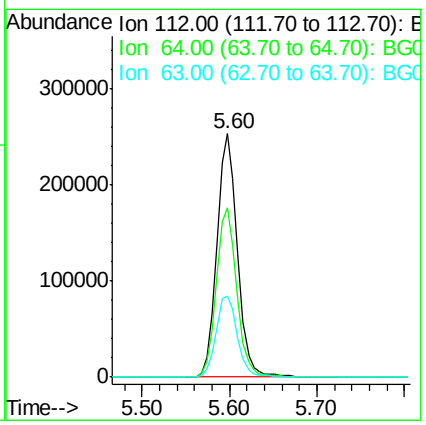


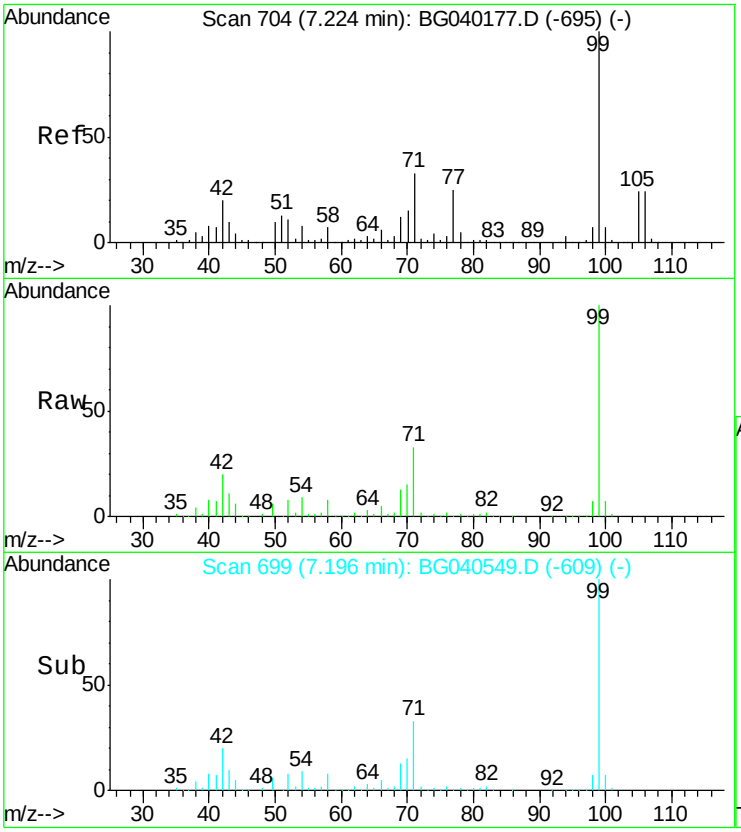


#5
2-Fluorophenol
Concen: 123.892 ng
RT: 5.60 min Scan# 427
Delta R.T. -0.00 min
Lab File: BG040549.D
Acq: 18 Apr 2019 3:54

Tgt Ion:112 Resp: 408301

Ion	Ratio	Lower	Upper
112	100		
64	69.6	54.2	81.2
63	33.4	26.4	39.6



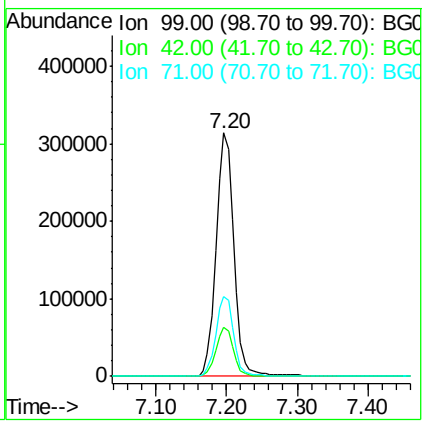


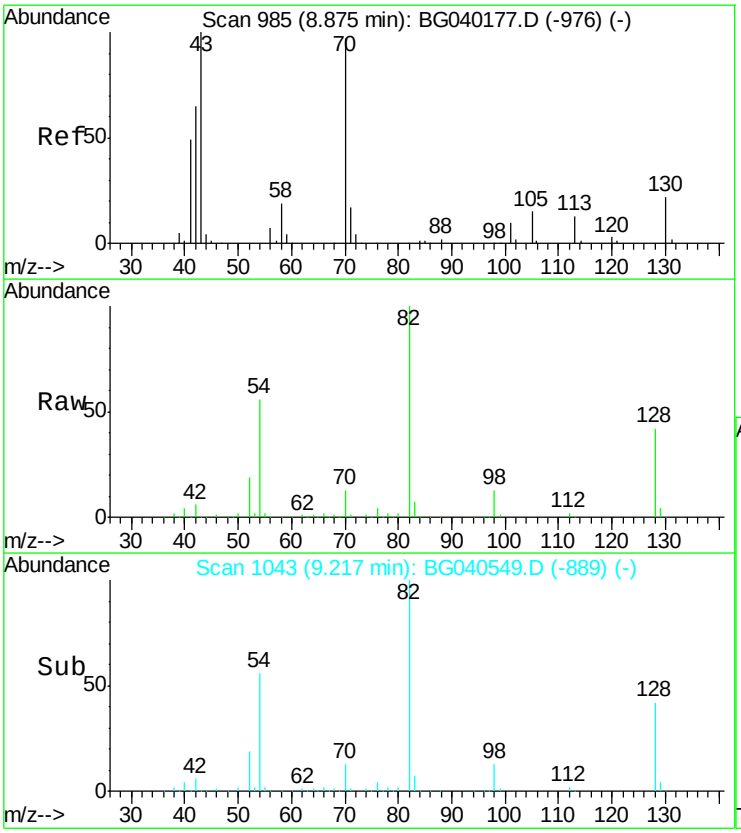
#7
Phenol-d6
Concen: 121.009 ng
RT: 7.20 min Scan# 699
Delta R.T. -0.00 min
Lab File: BG040549.D
Acq: 18 Apr 2019 3:54

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 551150

Ion	Ratio	Lower	Upper
99	100		
42	20.1	16.2	24.2
71	33.0	26.8	40.2

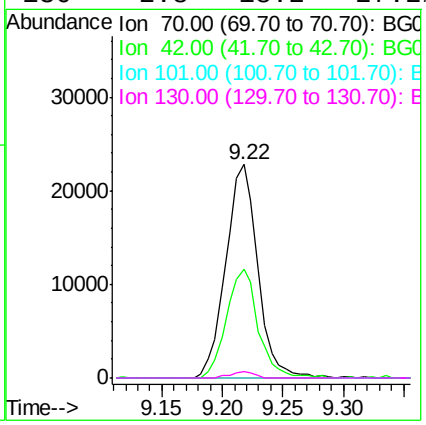


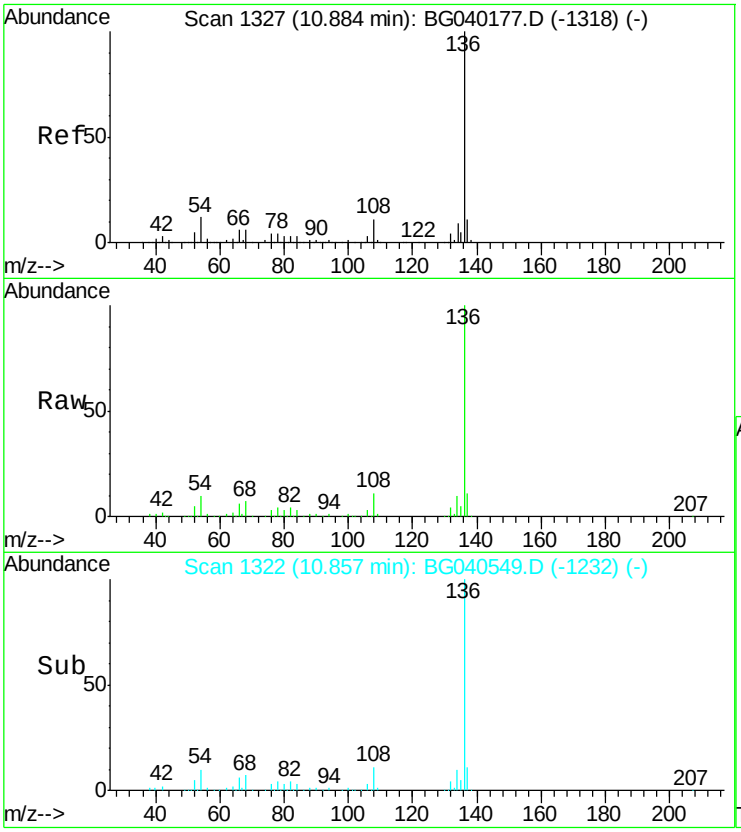


#19
n-Nitroso-di-n-propylamine
Concen: 12.829 ng
RT: 9.22 min Scan# 1043
Delta R.T. 0.37 min
Lab File: BG040549.D
Acq: 18 Apr 2019 3:54

Tgt Ion: 70 Resp: 41893

Ion	Ratio	Lower	Upper
70	100		
42	50.7	54.0	81.0#
101	0.0	8.6	13.0#
130	2.8	18.2	27.2#



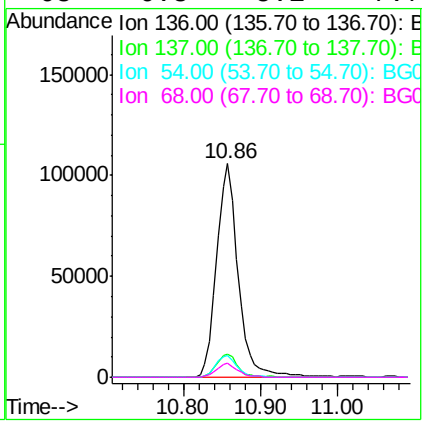


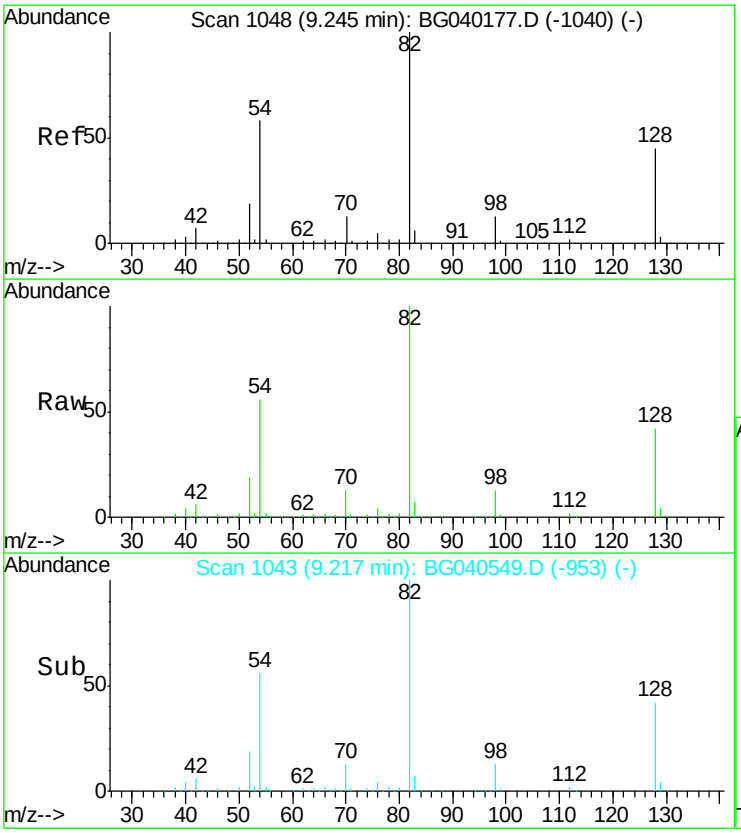
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BG040549.D
Acq: 18 Apr 2019 3:54

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 205130

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	10.0	9.6	14.4
68	6.8	5.1	7.7

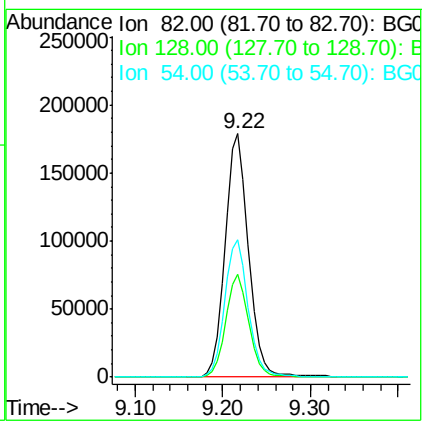


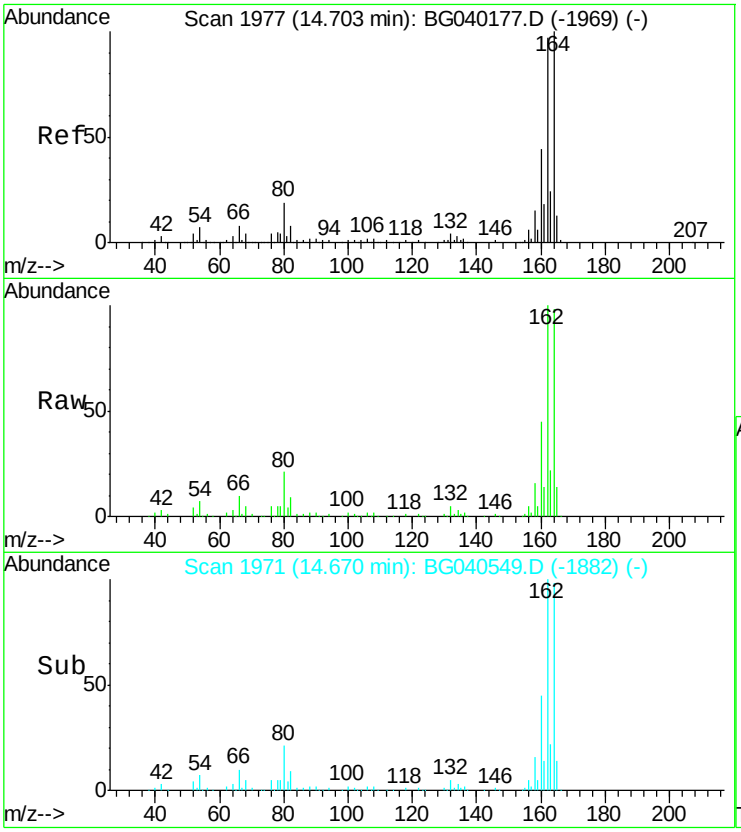


#23
Nitrobenzene-d5
Concen: 84.737 ng
RT: 9.22 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BG040549.D
Acq: 18 Apr 2019 3:54

Tgt Ion: 82 Resp: 327019

Ion	Ratio	Lower	Upper
82	100		
128	42.2	35.8	53.8
54	56.3	46.2	69.2



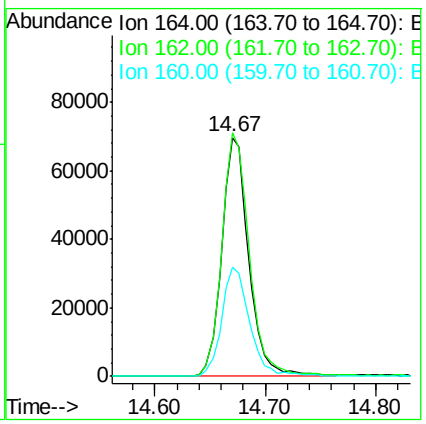


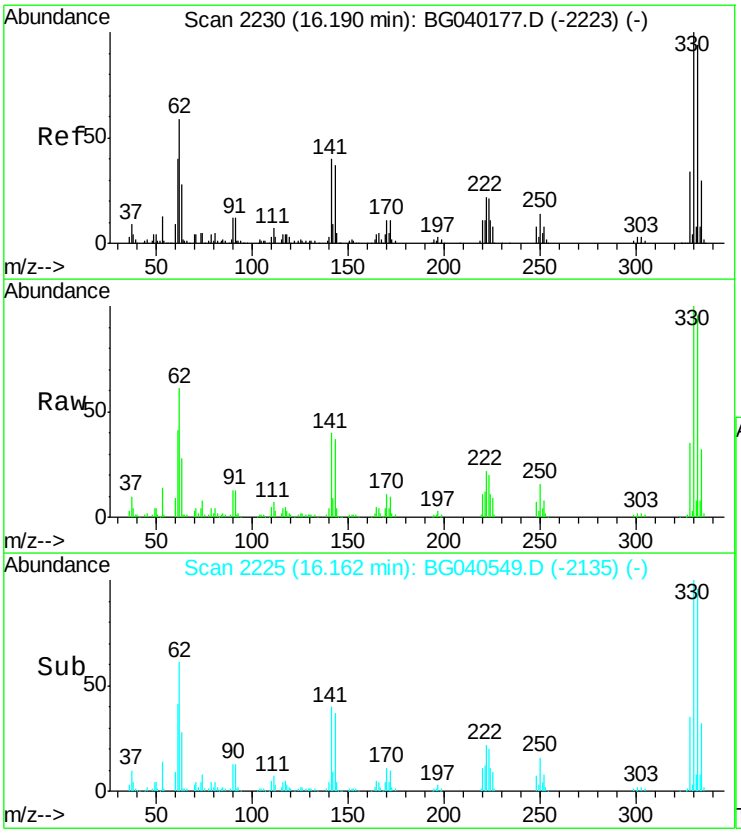
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1971
Delta R.T. -0.01 min
Lab File: BG040549.D
Acq: 18 Apr 2019 3:54

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 119151

Ion	Ratio	Lower	Upper
164	100		
162	102.0	77.4	116.2
160	45.9	35.3	52.9

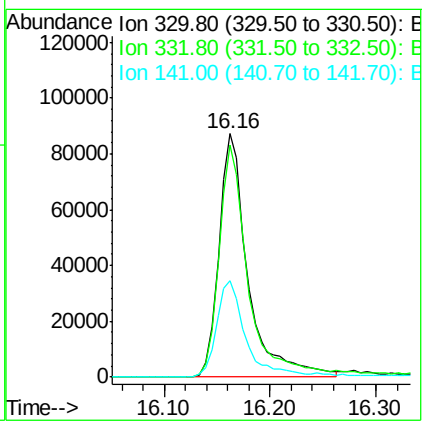


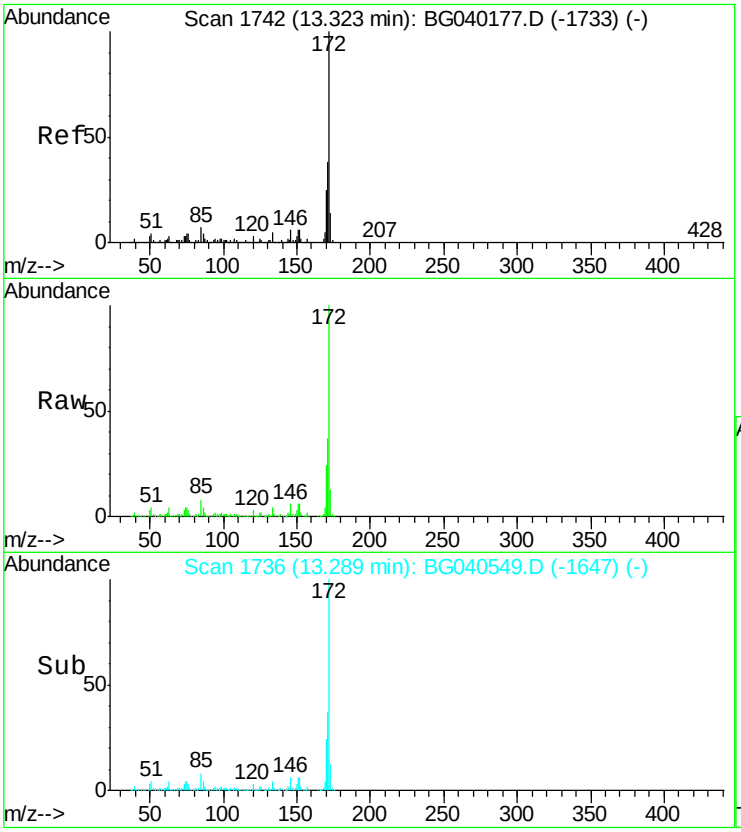


#42
2,4,6-Tribromophenol
Concen: 129.132 ng
RT: 16.16 min Scan# 2225
Delta R.T. -0.00 min
Lab File: BG040549.D
Acq: 18 Apr 2019 3:54

Tgt Ion:330 Resp: 166285

Ion	Ratio	Lower	Upper
330	100		
332	98.4	76.6	115.0
141	39.7	32.6	48.8



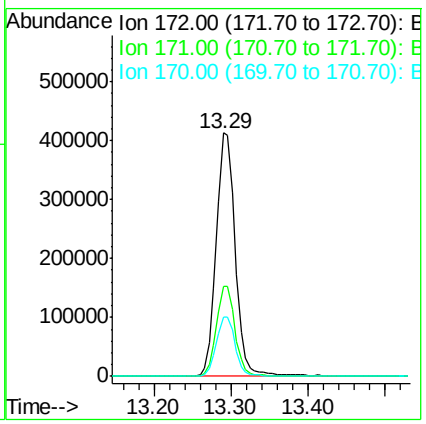


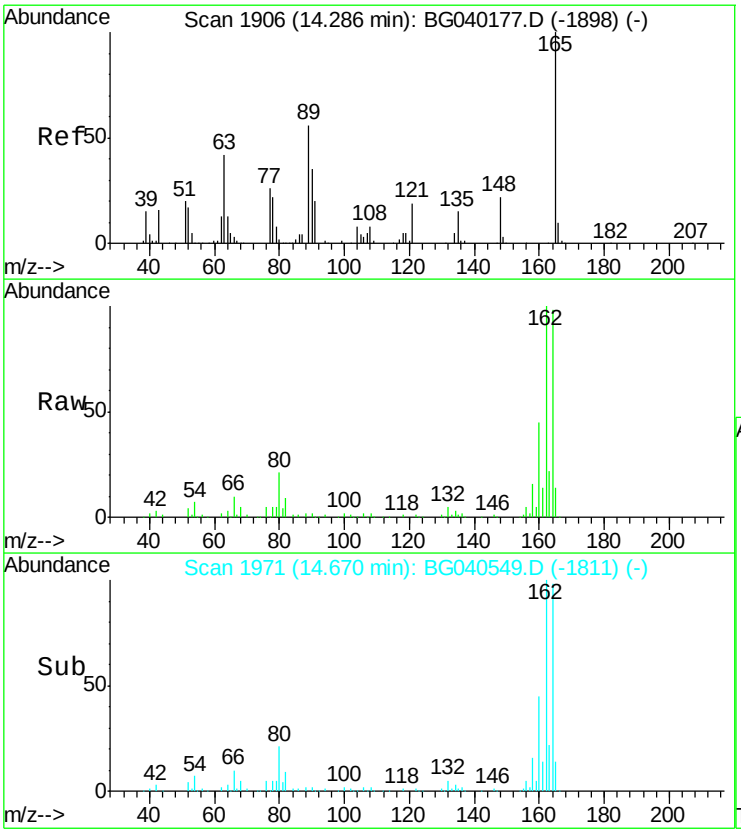
#45
2-Fluorobiphenyl
Concen: 88.032 ng
RT: 13.29 min Scan# 1736
Delta R.T. -0.01 min
Lab File: BG040549.D
Acq: 18 Apr 2019 3:54

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 707882

Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.5	45.7
170	24.4	20.1	30.1

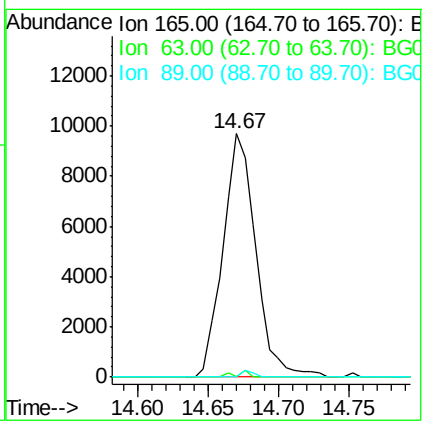


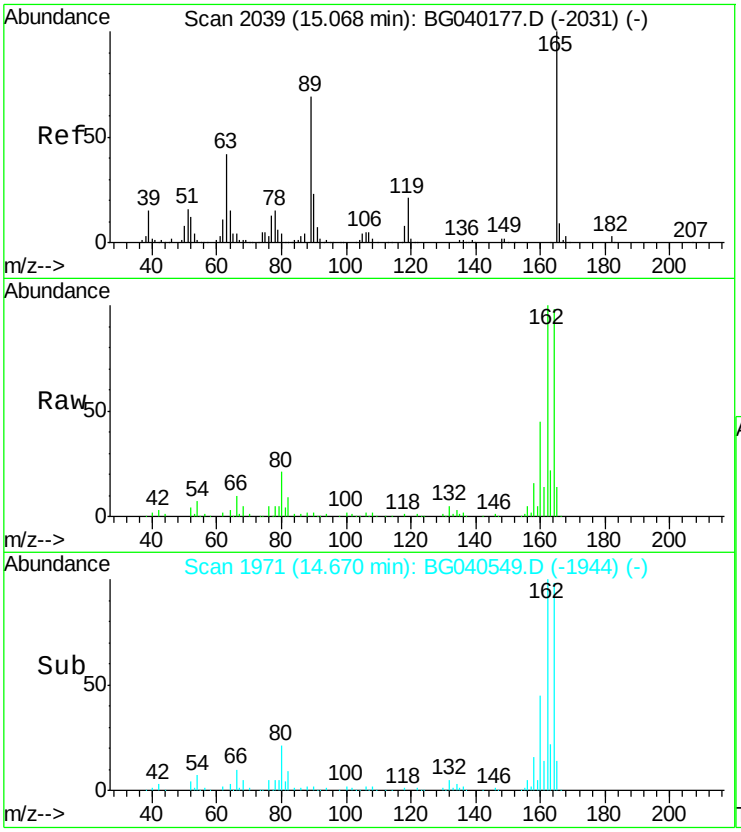


#51
2,6-Dinitrotoluene
Concen: 7.487 ng
RT: 14.67 min Scan# 1971
Delta R.T. 0.41 min
Lab File: BG040549.D
Acq: 18 Apr 2019 3:54

Tgt Ion:165 Resp: 15676

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.1	66.1#
89	0.0	44.9	67.3#



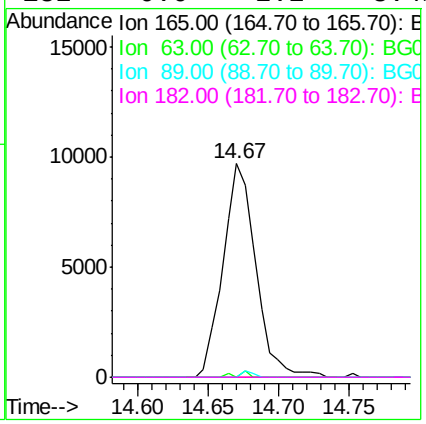


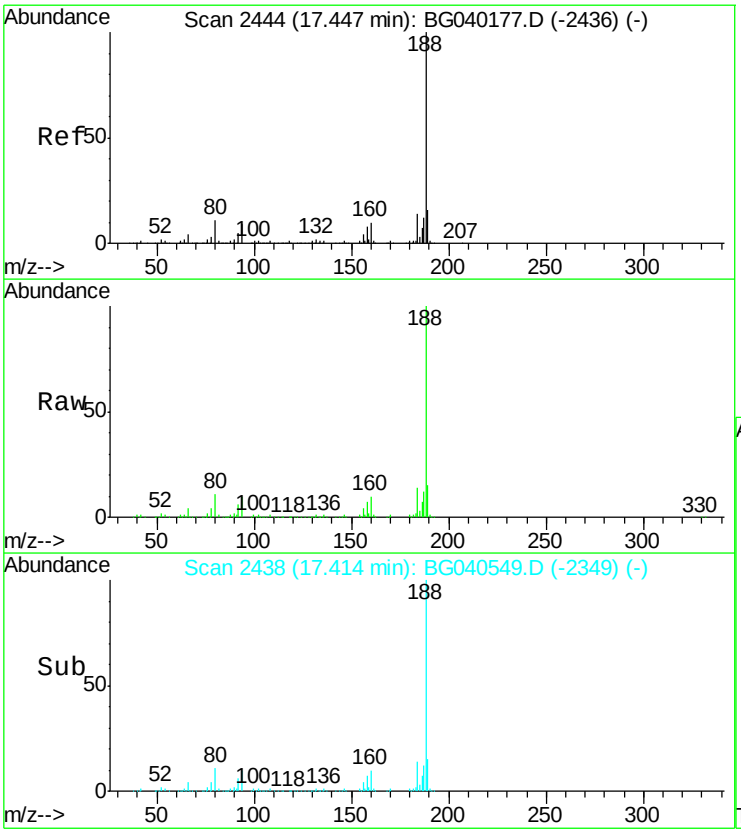
#57
2,4-Dinitrotoluene
Concen: 5.388 ng
RT: 14.67 min Scan# 1971
Delta R.T. -0.37 min
Lab File: BG040549.D
Acq: 18 Apr 2019 3:54

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 15676

Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.8	50.6#
89	0.0	55.4	83.2#
182	0.0	2.2	3.4#

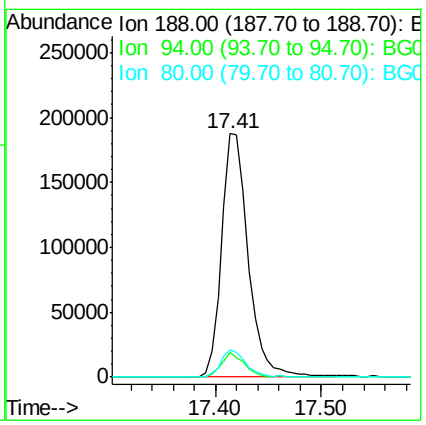


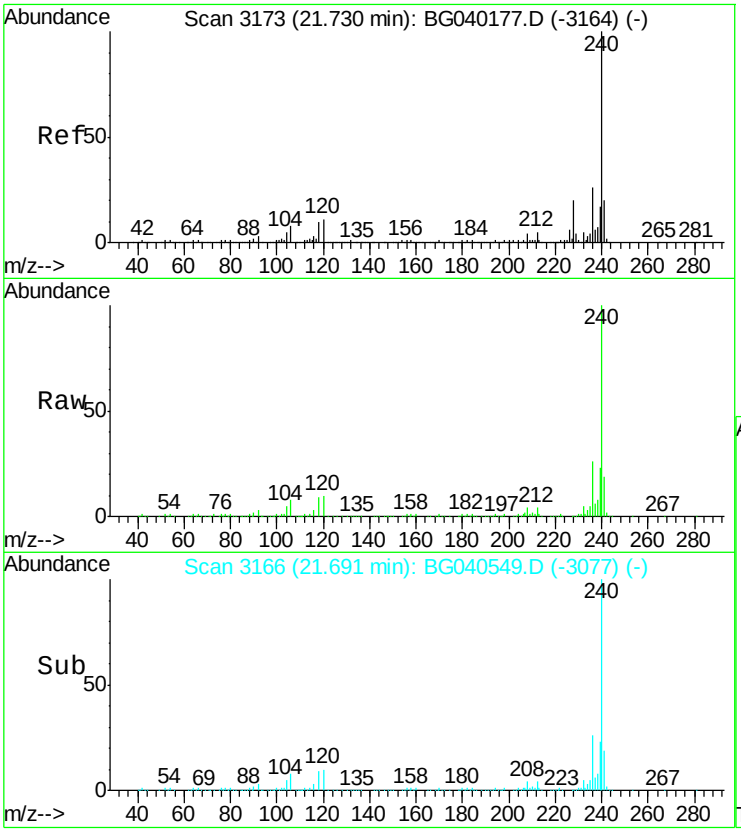


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG040549.D
Acq: 18 Apr 2019 3:54

Tgt Ion:188 Resp: 326984

Ion	Ratio	Lower	Upper
188	100		
94	10.2	7.0	10.4
80	11.2	8.6	13.0



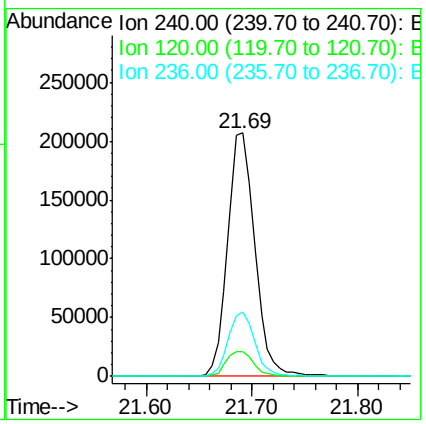


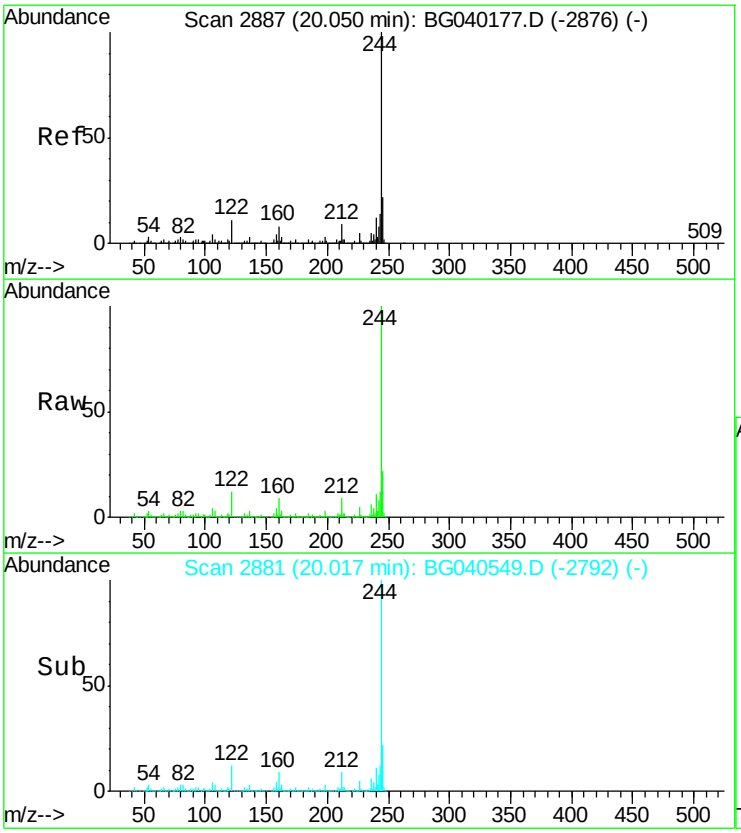
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.01 min
Lab File: BG040549.D
Acq: 18 Apr 2019 3:54

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 368382

Ion	Ratio	Lower	Upper
240	100		
120	10.4	8.4	12.6
236	26.3	20.8	31.2

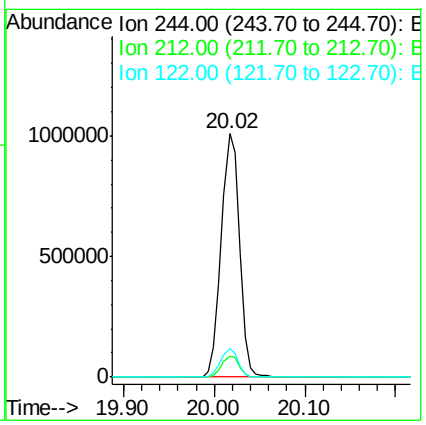


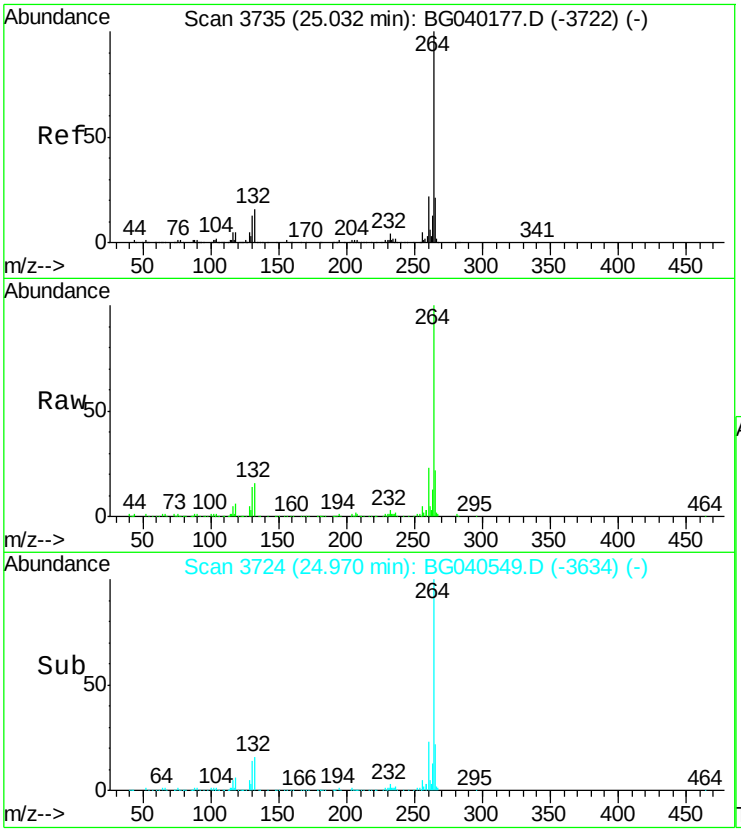


#79
Terphenyl-d14
Concen: 85.786 ng
RT: 20.02 min Scan# 2881
Delta R.T. -0.01 min
Lab File: BG040549.D
Acq: 18 Apr 2019 3:54

Tgt Ion:244 Resp: 1404743

Ion	Ratio	Lower	Upper
244	100		
212	8.8	7.0	10.6
122	11.7	8.5	12.7





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.97 min Scan# 3724
Delta R.T. -0.00 min
Lab File: BG040549.D
Acq: 18 Apr 2019 3:54

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 398267

Ion	Ratio	Lower	Upper
264	100		
260	23.1	17.9	26.9
265	22.0	16.8	25.2