Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042619\
Data File : BG040628.D
Acq On : 26 Apr 2019 14:19
Operator : JU/SJ
Sample : K2582-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Apr 27 02:02:41 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	8.16	152	52720	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	225961	20.00	ng	0.00
39) Acenaphthene-d10	14.79	164	167335	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	413559	20.00	ng	0.00
76) Chrysene-d12	21.82	240	405314	20.00	ng	0.00
87) Perylene-d12	25.19	264	434732	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	302662	101.20	ng	0.00
7) Phenol-d6	7.29	99	484188	105.15	ng	0.00
23) Nitrobenzene-d5	9.33	82	335377	68.58	ng	0.00
42) 2,4,6-Tribromophenol	16.27	330	234012	101.74	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	677275	58.45	ng	0.00
79) Terphenyl-d14	20.13	244	1149310	62.82	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.29	77	1476	Below Cal	#	6
19) n-Nitroso-di-n-propylamine	9.33	70	49842	12.024	ng #	77
50) Dimethylphthalate	14.23	163	76591	5.471	ng	99
57) 2,4-Dinitrotoluene	14.79	165	20825	5.609	ng #	16
65) 4,6-Dinitro-2-methylphenol	15.53	198	54	7.124	ng #	28
67) 4-Bromophenyl-phenylether	16.27	248	16650	3.232	ng #	1
74) Di-n-butylphthalate	18.47	149	73556	2.987	ng	100
75) Fluoranthene	19.57	202	73614	2.652	ng	97
77) Benzidine	20.13	184	23767	2.142	ng #	92
78) Pyrene	19.93	202	72139	2.840	ng	98
88) Benzo(b)fluoranthene	24.12	252	69471	2.615	ng	99
89) Benzo(k)fluoranthene	24.12	252	69471	2.800	ng	98

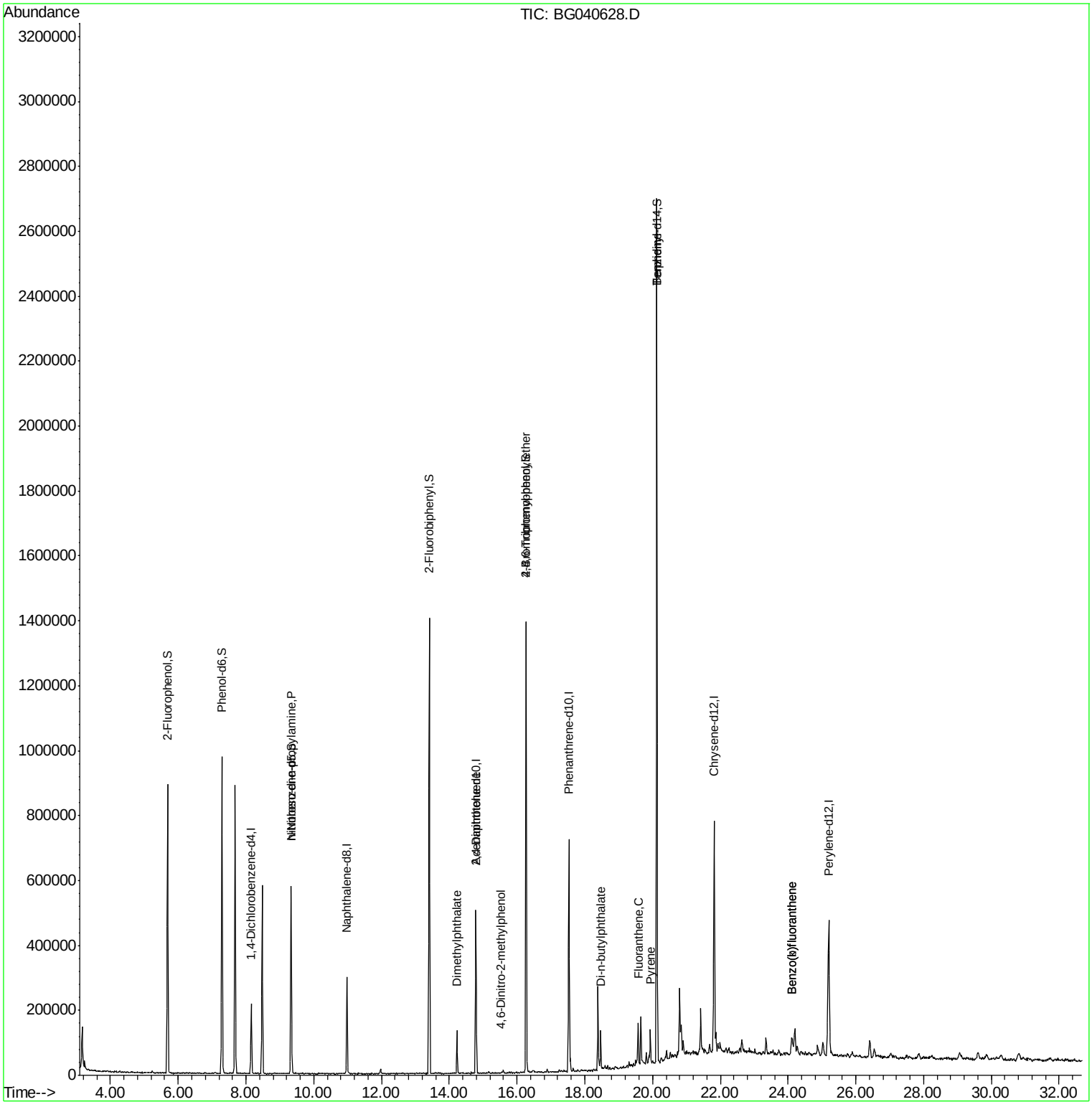
(#) = qualifier out of range (m) = manual integration (+) = signals summed

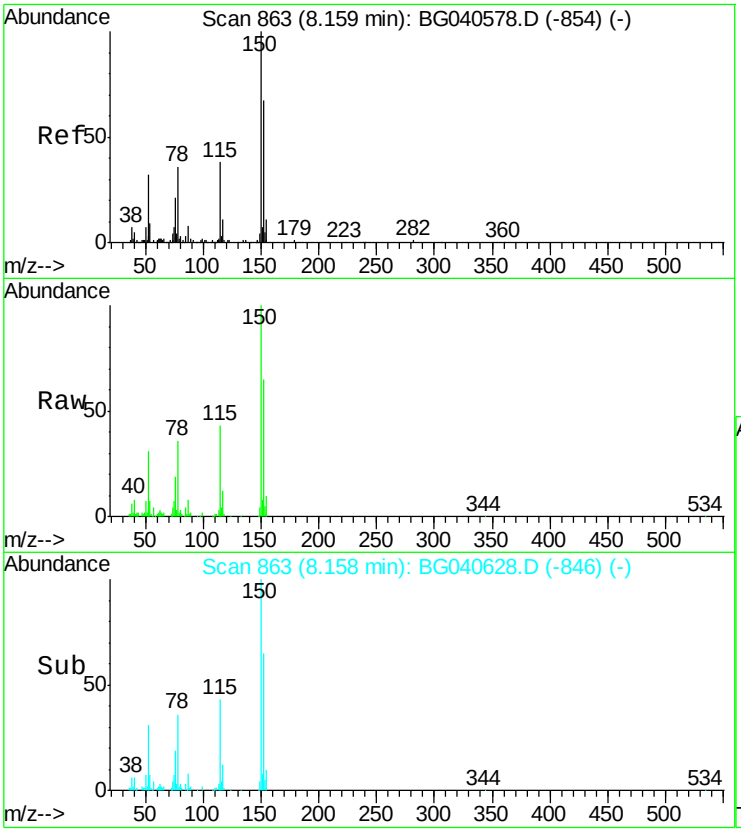
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042619\
Data File : BG040628.D
Acq On : 26 Apr 2019 14:19
Operator : JU/SJ
Sample : K2582-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Apr 27 02:02:41 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



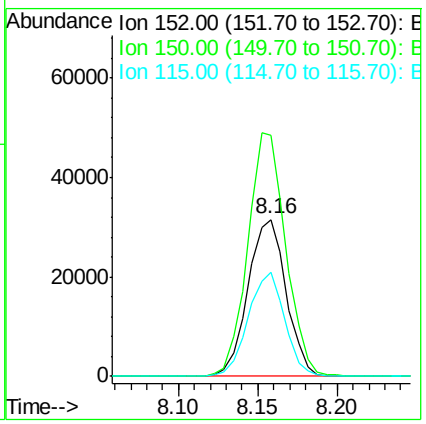


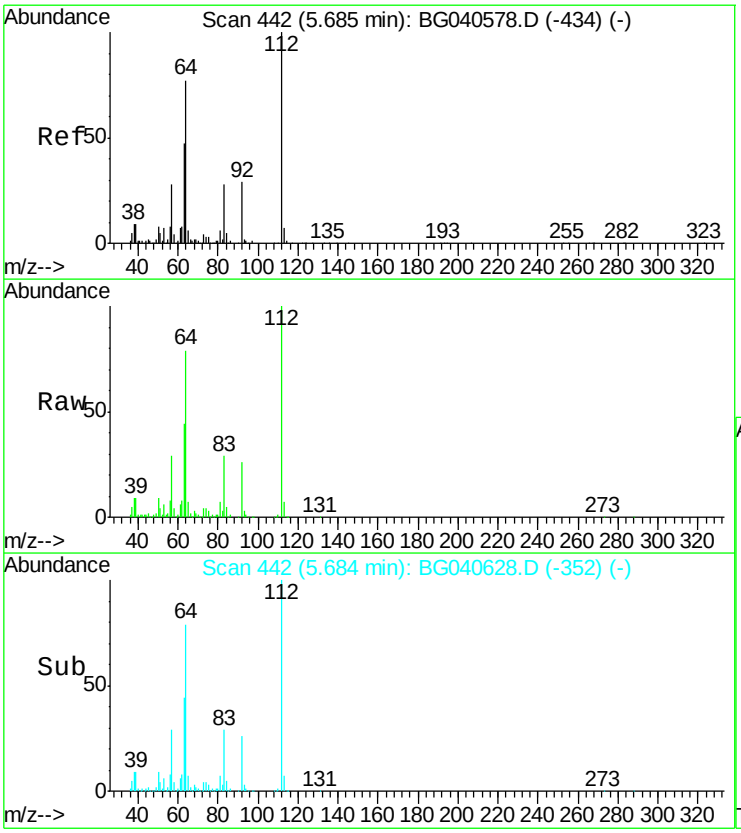
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: BG040628.D
Acq: 26 Apr 2019 14:19

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 52720

Ion	Ratio	Lower	Upper
152	100		
150	153.5	120.2	180.2
115	66.1	46.2	69.2

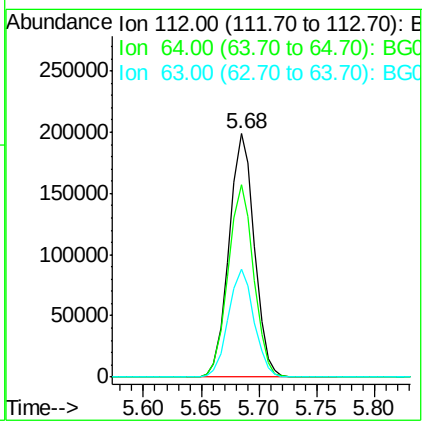


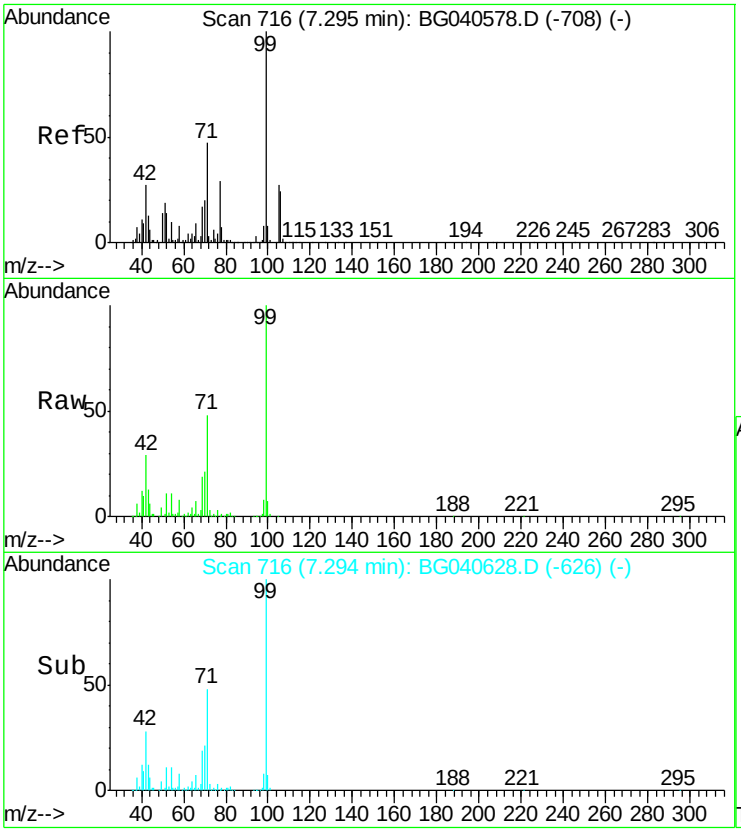


#5
2-Fluorophenol
Concen: 101.199 ng
RT: 5.68 min Scan# 442
Delta R.T. 0.00 min
Lab File: BG040628.D
Acq: 26 Apr 2019 14:19

Tgt Ion:112 Resp: 302662

Ion	Ratio	Lower	Upper
112	100		
64	79.1	61.4	92.0
63	44.5	37.8	56.6



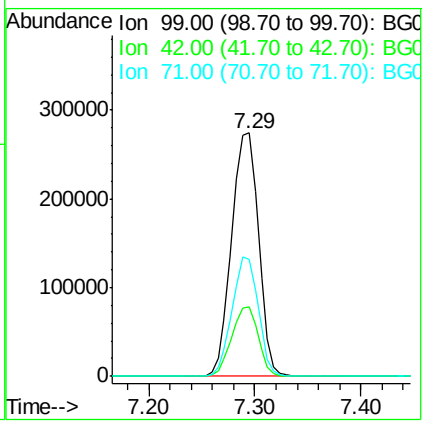


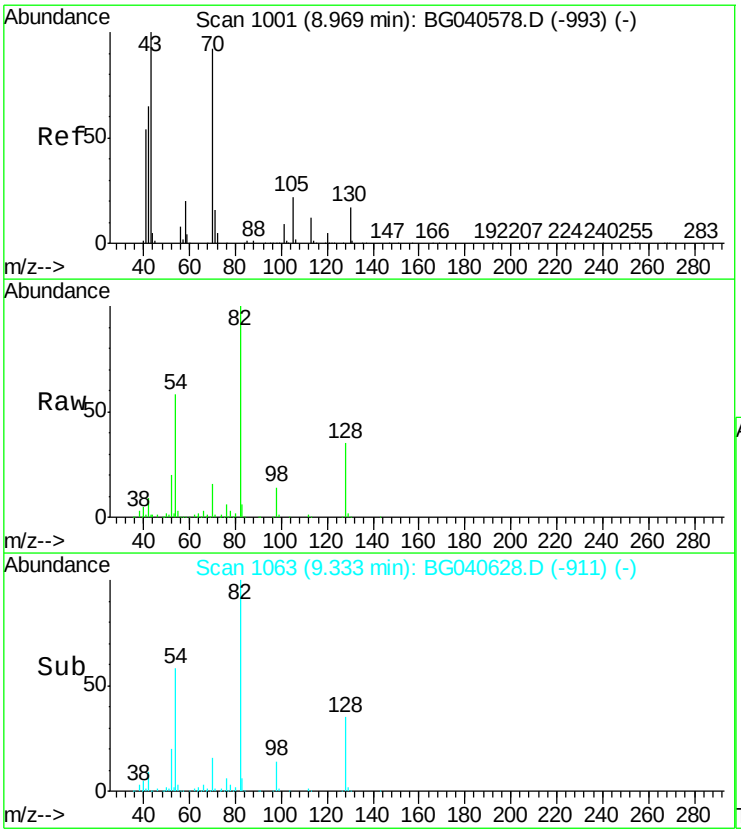
#7
Phenol-d6
Concen: 105.146 ng
RT: 7.29 min Scan# 716
Delta R.T. -0.00 min
Lab File: BG040628.D
Acq: 26 Apr 2019 14:19

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 484188

Ion	Ratio	Lower	Upper
99	100		
42	28.5	21.8	32.8
71	47.9	38.6	57.8

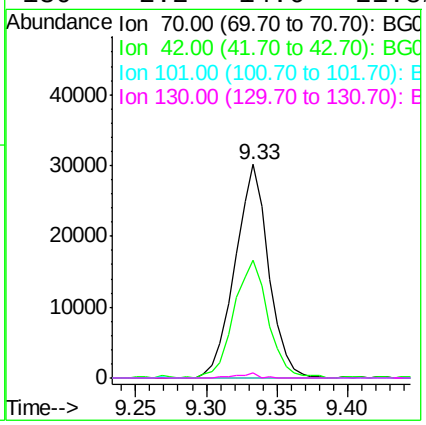


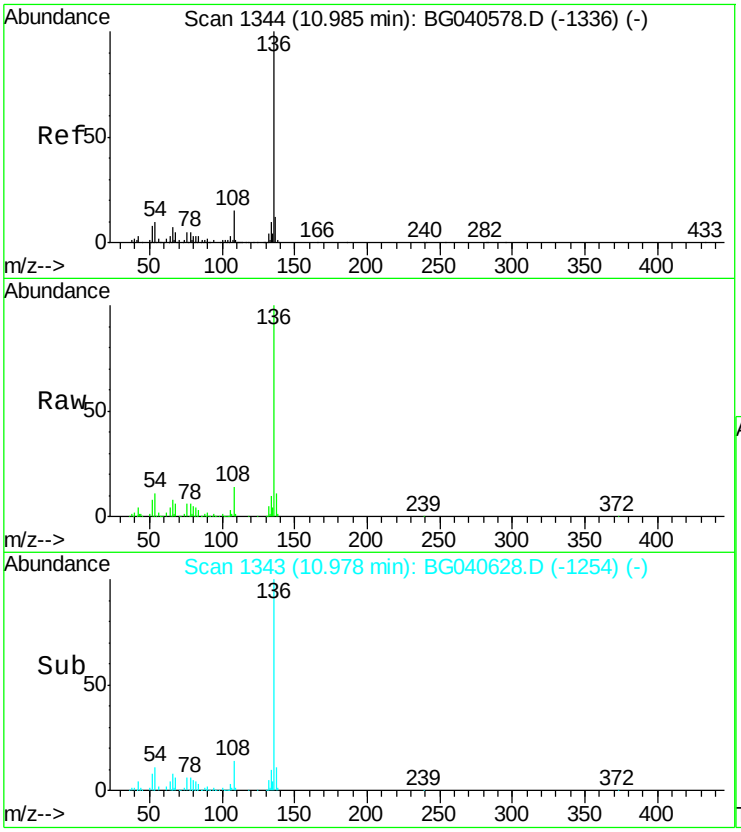


#19
n-Nitroso-di-n-propylamine
Concen: 12.024 ng
RT: 9.33 min Scan# 1063
Delta R.T. 0.36 min
Lab File: BG040628.D
Acq: 26 Apr 2019 14:19

Tgt Ion: 70 Resp: 49842

Ion	Ratio	Lower	Upper
70	100		
42	55.2	57.1	85.7#
101	0.0	7.8	11.8#
130	2.2	14.6	21.8#



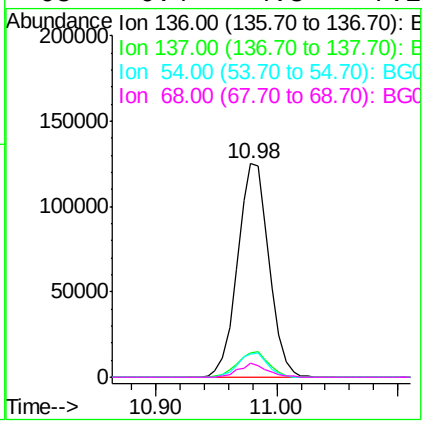


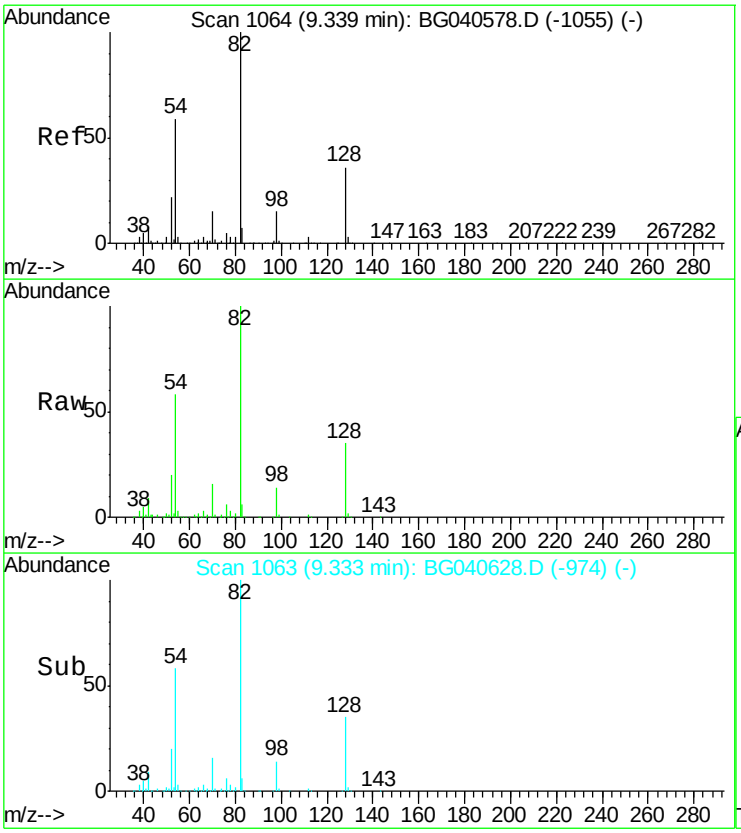
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG040628.D
Acq: 26 Apr 2019 14:19

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 225961

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.7	14.5
54	11.0	8.6	12.8
68	6.4	4.8	7.2

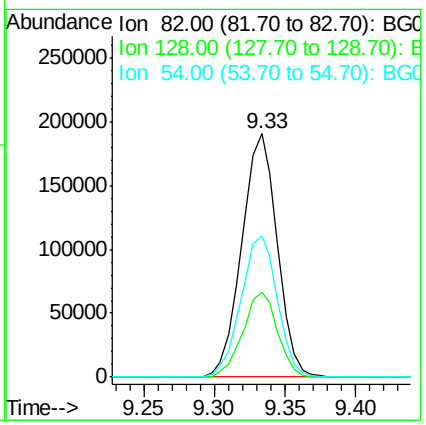


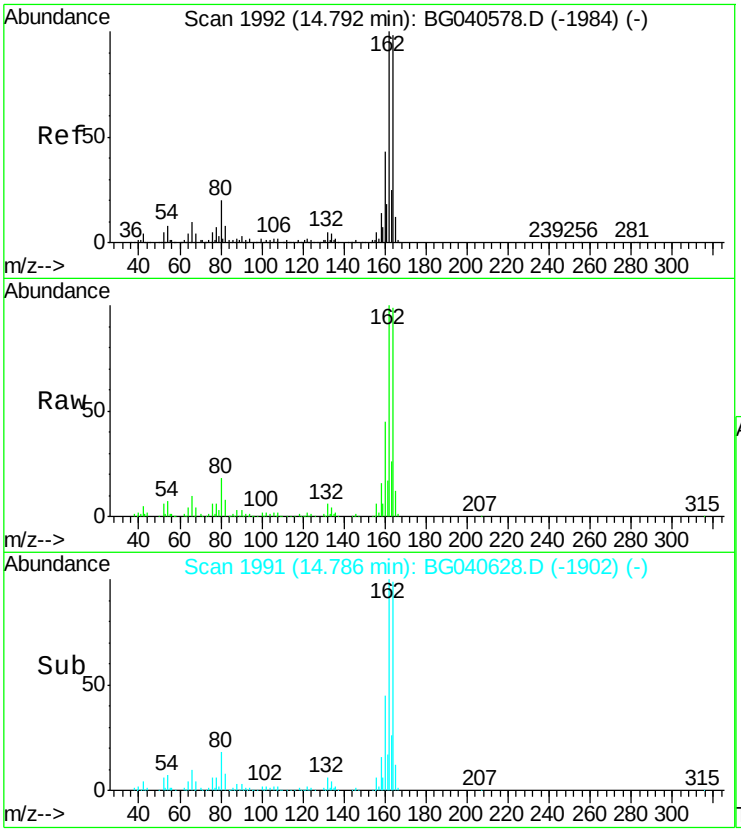


#23
Nitrobenzene-d5
Concen: 68.580 ng
RT: 9.33 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BG040628.D
Acq: 26 Apr 2019 14:19

Tgt Ion: 82 Resp: 335377

Ion	Ratio	Lower	Upper
82	100		
128	34.6	28.9	43.3
54	58.0	47.2	70.8



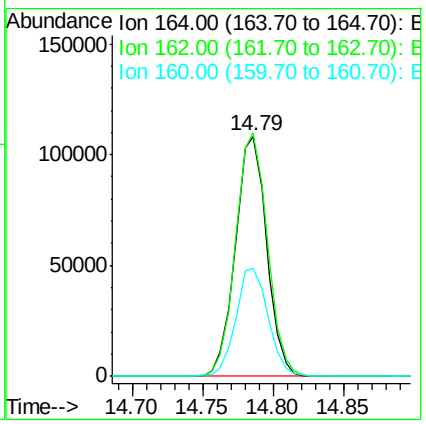


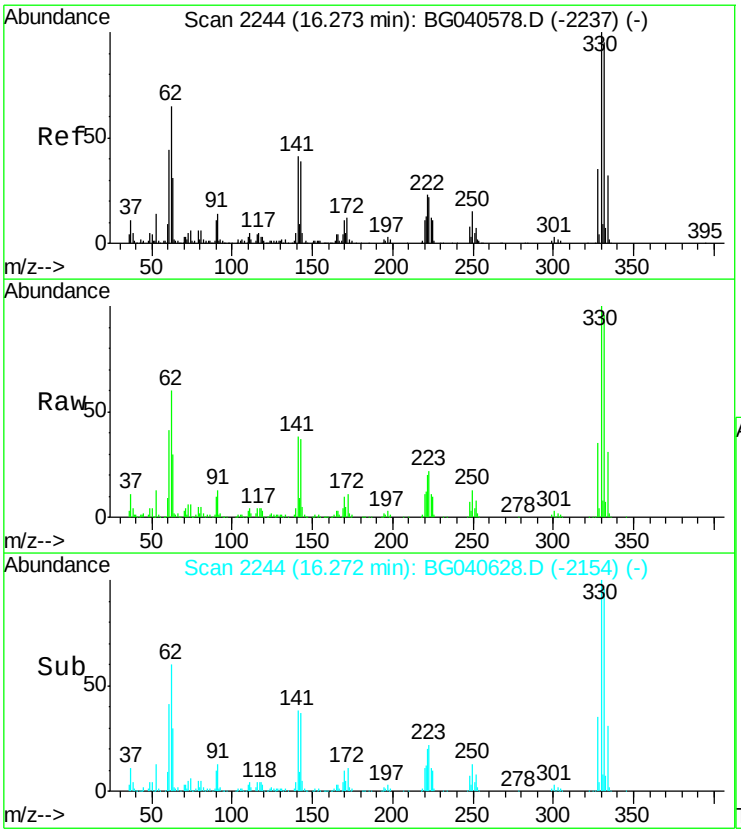
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1991
Delta R.T. -0.01 min
Lab File: BG040628.D
Acq: 26 Apr 2019 14:19

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 167335

Ion	Ratio	Lower	Upper
164	100		
162	101.4	81.9	122.9
160	45.2	35.4	53.2

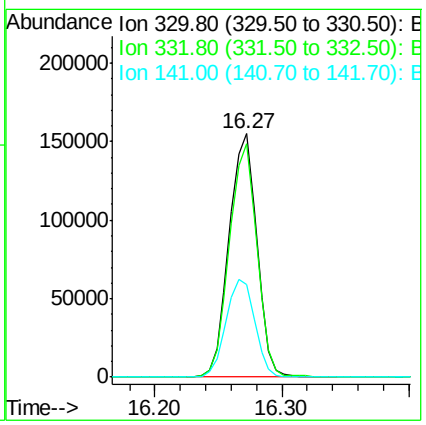


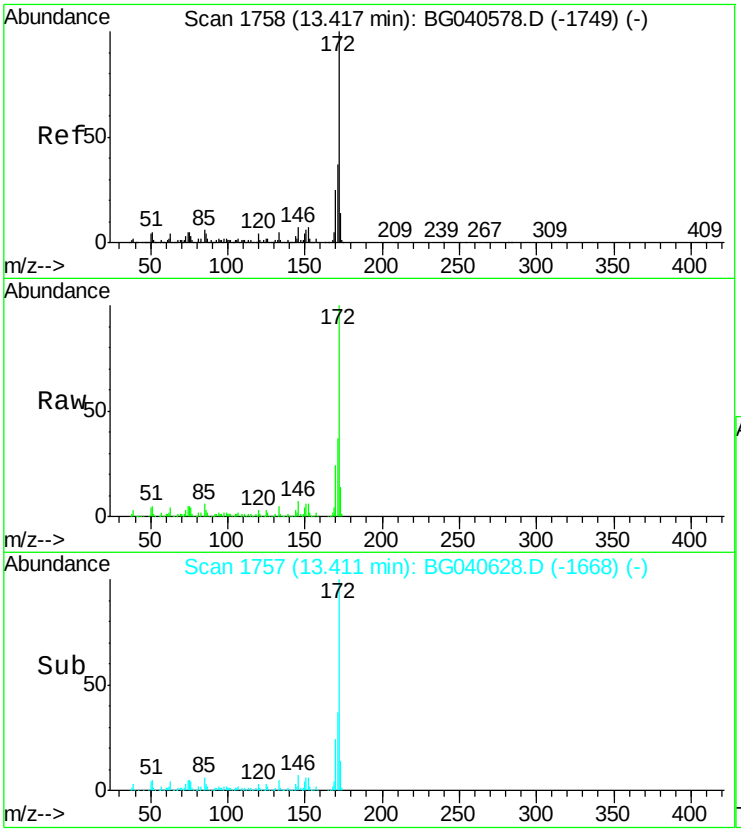


#42
2,4,6-Tribromophenol
Concen: 101.742 ng
RT: 16.27 min Scan# 2244
Delta R.T. -0.00 min
Lab File: BG040628.D
Acq: 26 Apr 2019 14:19

Tgt Ion:330 Resp: 234012

Ion	Ratio	Lower	Upper
330	100		
332	95.4	75.9	113.9
141	42.0	32.4	48.6



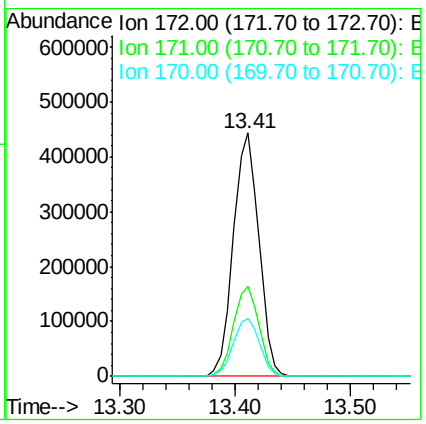


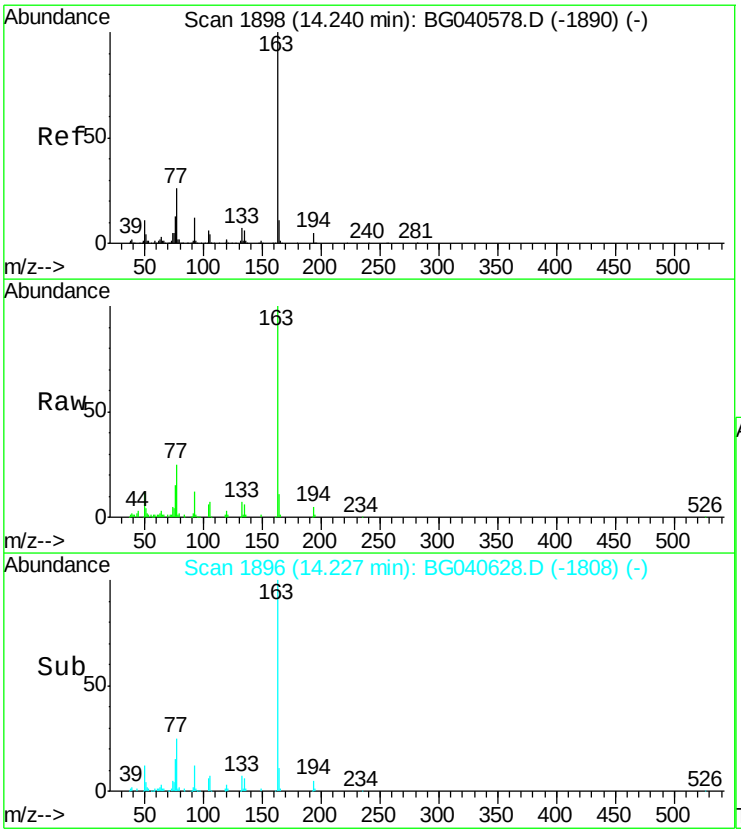
#45
2-Fluorobiphenyl
Concen: 58.453 ng
RT: 13.41 min Scan# 1757
Delta R.T. -0.01 min
Lab File: BG040628.D
Acq: 26 Apr 2019 14:19

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 677275

Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.4	44.2
170	23.9	19.9	29.9

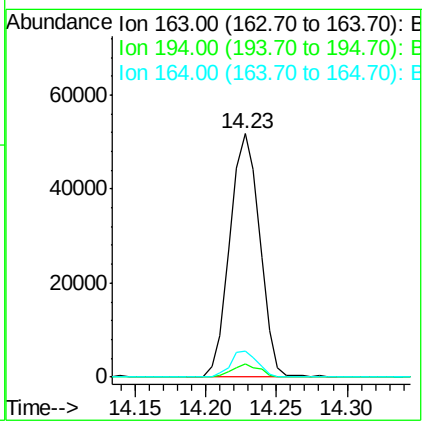


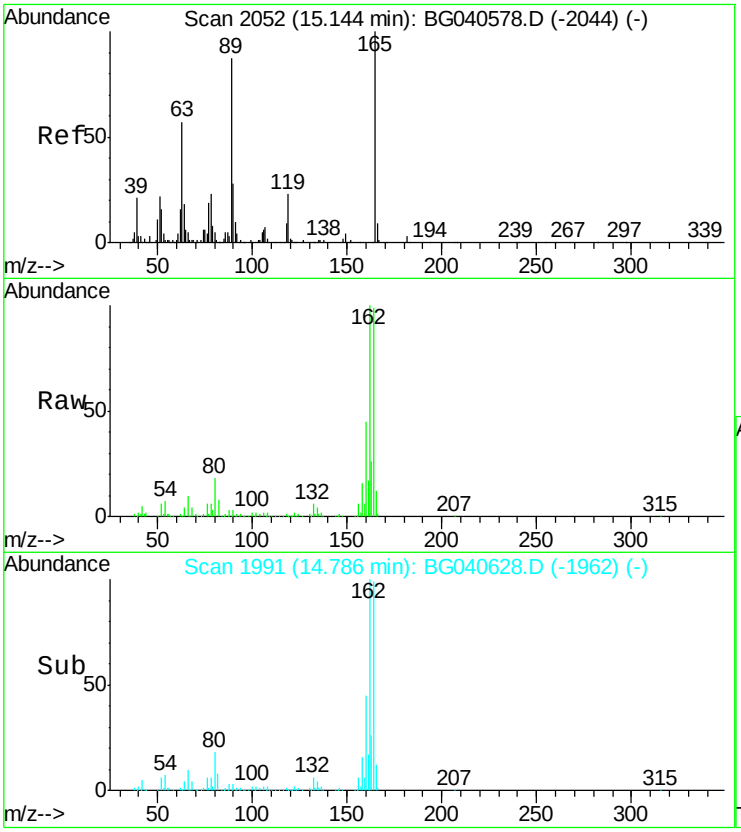


#50
Dimethylphthalate
Concen: 5.471 ng
RT: 14.23 min Scan# 1896
Delta R.T. -0.01 min
Lab File: BG040628.D
Acq: 26 Apr 2019 14:19

Tgt Ion:163 Resp: 76591

Ion	Ratio	Lower	Upper
163	100		
194	5.2	3.8	5.8
164	10.6	8.8	13.2



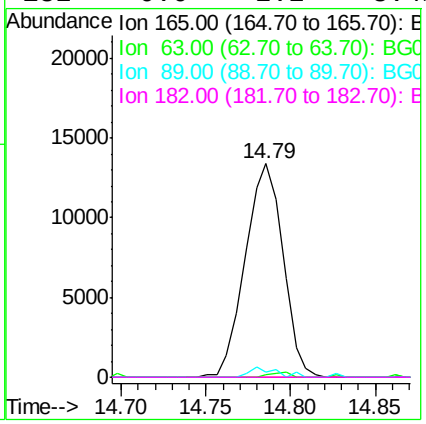


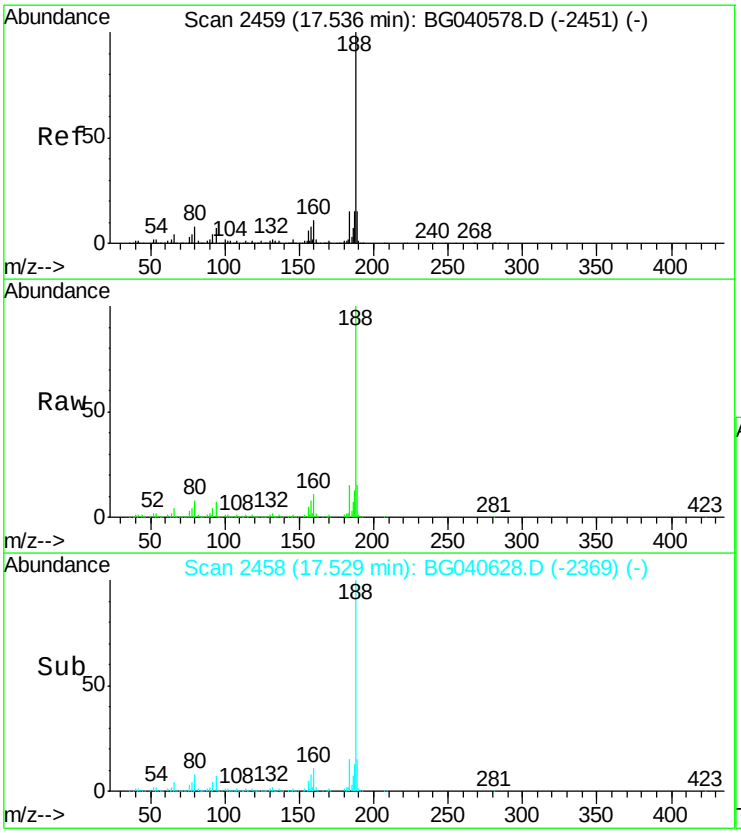
#57
2,4-Dinitrotoluene
Concen: 5.609 ng
RT: 14.79 min Scan# 1991
Delta R.T. -0.36 min
Lab File: BG040628.D
Acq: 26 Apr 2019 14:19

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 20825

Ion	Ratio	Lower	Upper
165	100		
63	1.4	45.8	68.8#
89	2.6	69.4	104.2#
182	0.0	2.2	3.4#

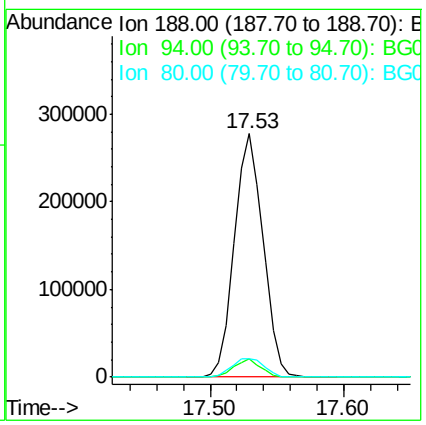


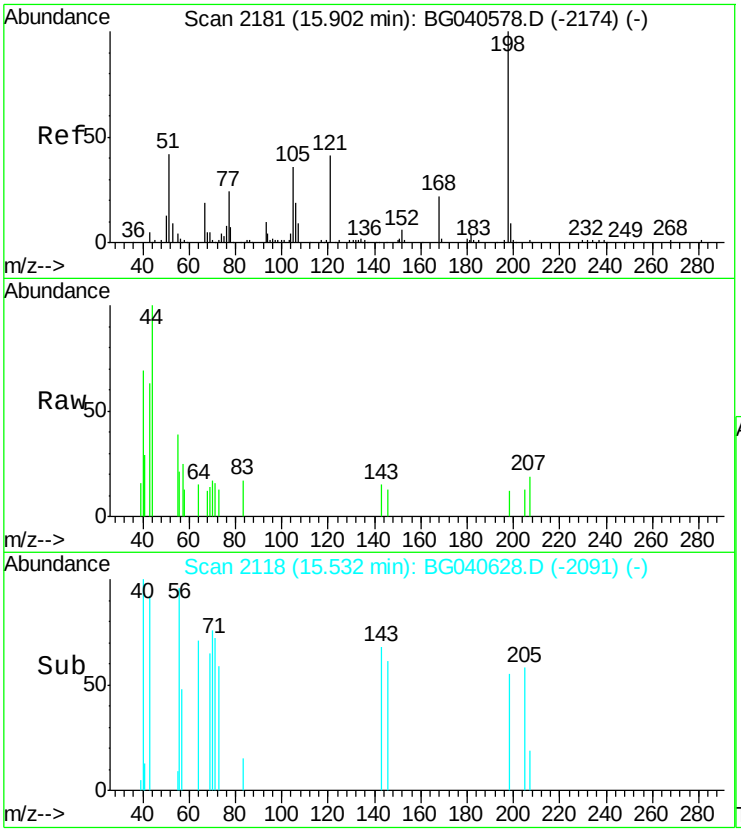


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.53 min Scan# 2458
Delta R.T. -0.01 min
Lab File: BG040628.D
Acq: 26 Apr 2019 14:19

Tgt Ion:188 Resp: 413559

Ion	Ratio	Lower	Upper
188	100		
94	7.4	5.6	8.4
80	7.7	6.4	9.6



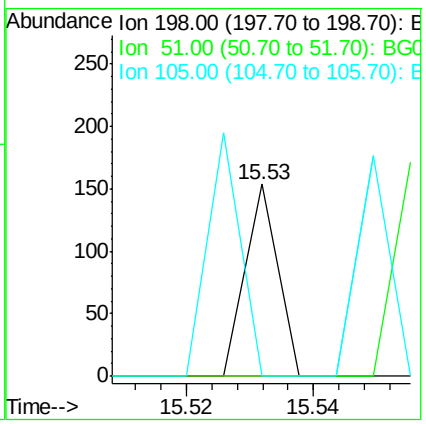


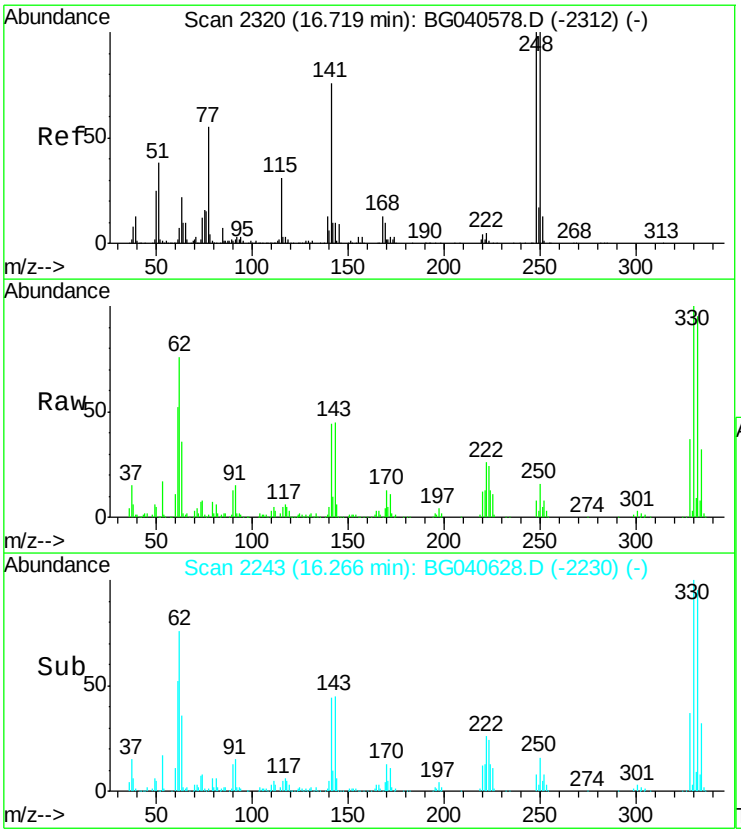
#65
4,6-Dinitro-2-methylphenol
Concen: 7.124 ng
RT: 15.53 min Scan# 2118
Delta R.T. -0.37 min
Lab File: BG040628.D
Acq: 26 Apr 2019 14:19

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:198 Resp: 54

Ion	Ratio	Lower	Upper
198	100		
51	0.0	35.9	75.9#
105	0.0	21.2	61.2#

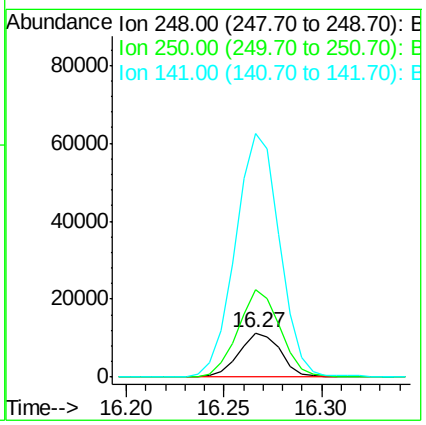


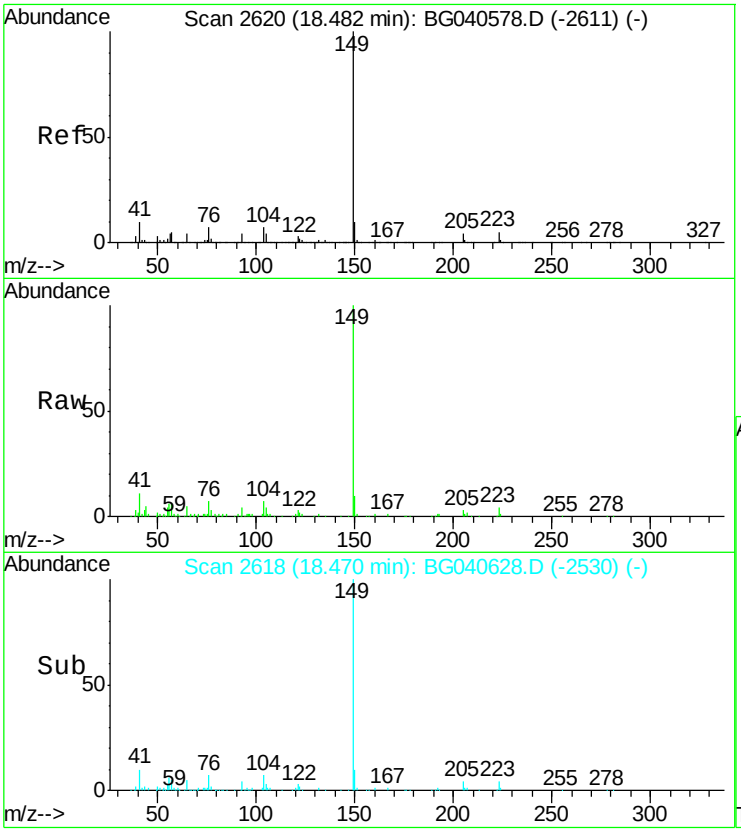


#67
4-Bromophenyl-phenylether
Concen: 3.232 ng
RT: 16.27 min Scan# 2243
Delta R.T. -0.45 min
Lab File: BG040628.D
Acq: 26 Apr 2019 14:19

Tgt Ion:248 Resp: 16650

Ion	Ratio	Lower	Upper
248	100		
250	197.3	79.8	119.6#
141	549.3	60.8	91.2#



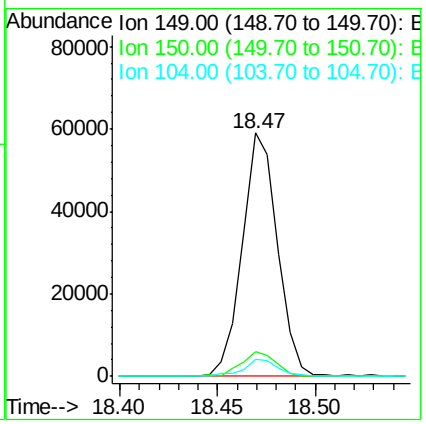


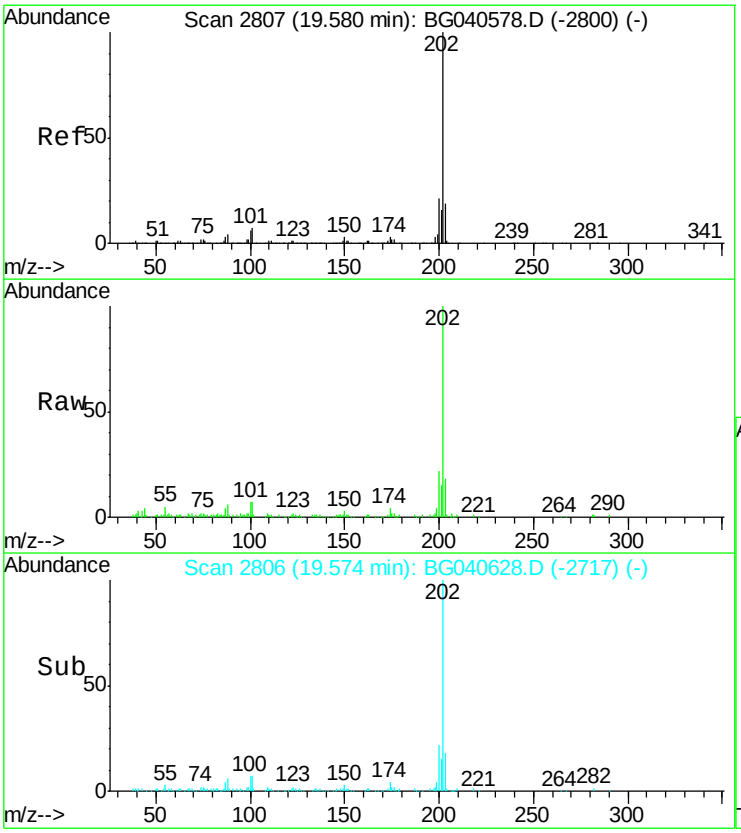
#74
Di-n-butylphthalate
Concen: 2.987 ng
RT: 18.47 min Scan# 2618
Delta R.T. -0.01 min
Lab File: BG040628.D
Acq: 26 Apr 2019 14:19

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:149 Resp: 73556

Ion	Ratio	Lower	Upper
149	100		
150	10.0	8.2	12.2
104	6.8	5.4	8.2

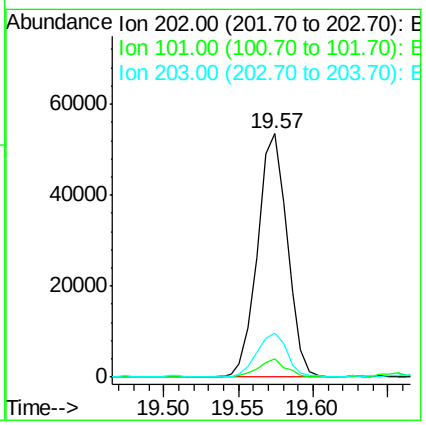


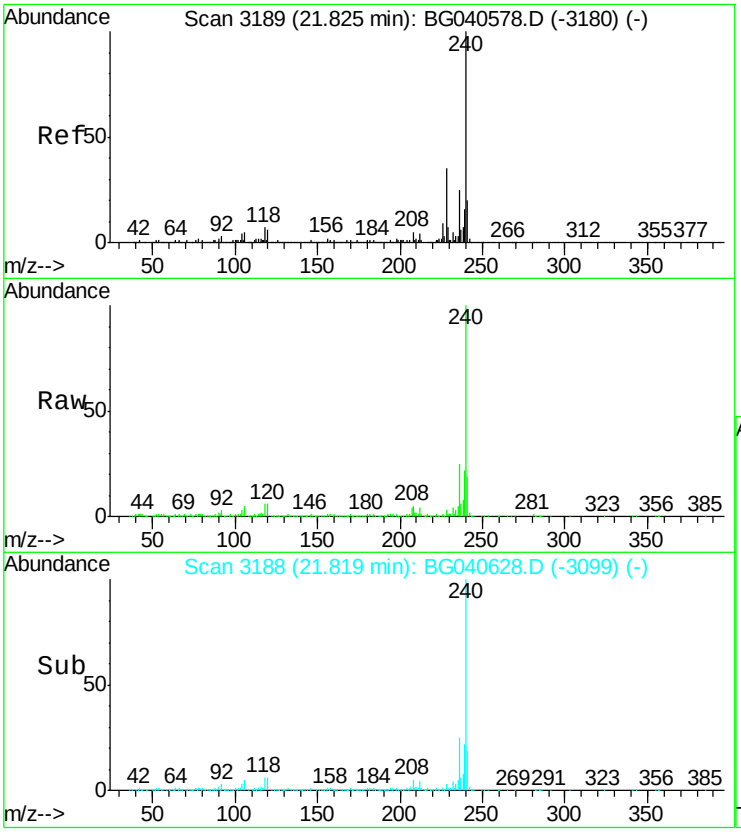


#75
Fluoranthene
Concen: 2.652 ng
RT: 19.57 min Scan# 2806
Delta R.T. -0.01 min
Lab File: BG040628.D
Acq: 26 Apr 2019 14:19

Tgt Ion:202 Resp: 73614

Ion	Ratio	Lower	Upper
202	100		
101	8.4	0.0	27.5
203	17.9	0.0	39.3



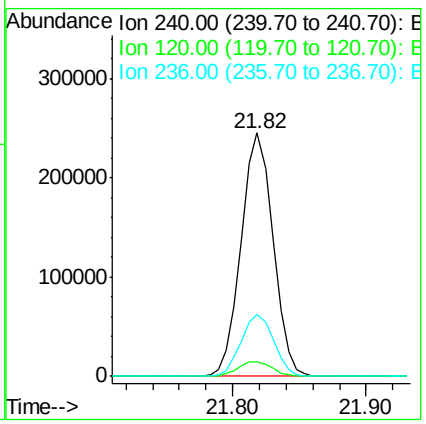


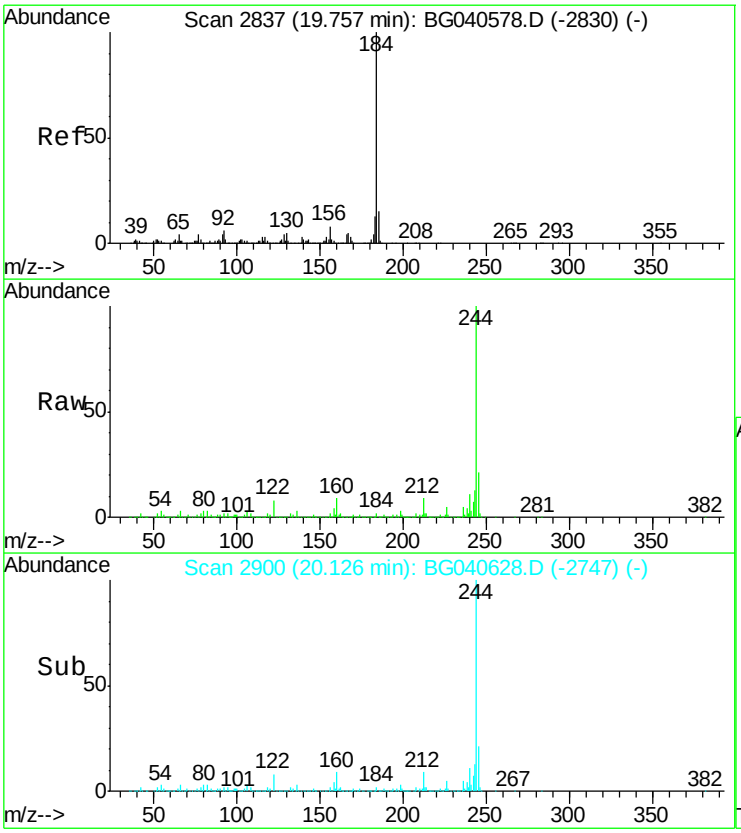
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.82 min Scan# 3188
Delta R.T. -0.01 min
Lab File: BG040628.D
Acq: 26 Apr 2019 14:19

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 405314

Ion	Ratio	Lower	Upper
240	100		
120	6.1	5.0	7.6
236	25.3	20.3	30.5

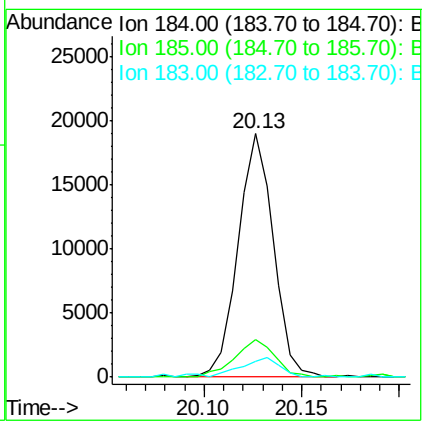


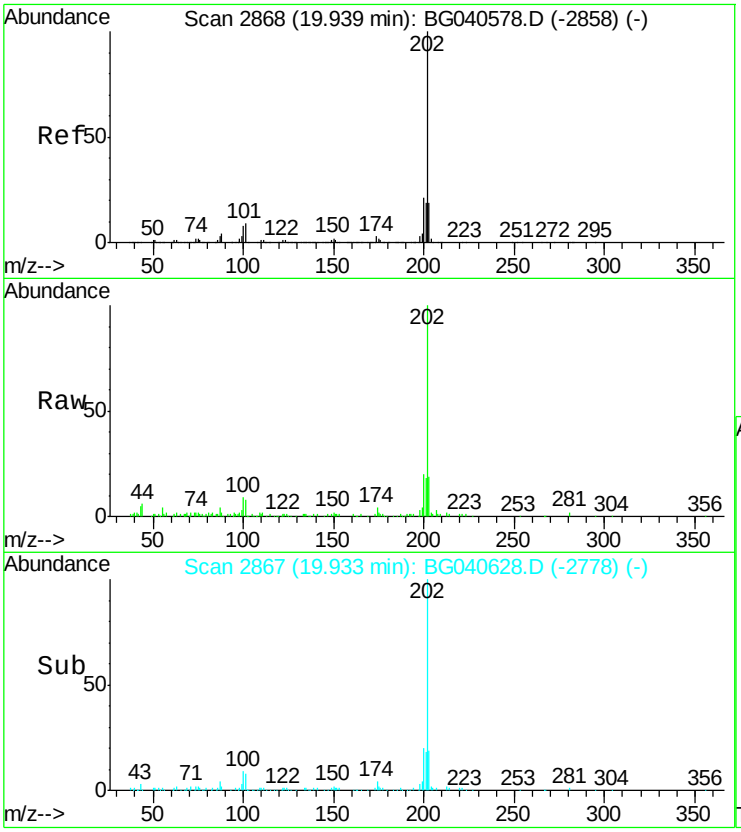


#77
Benzidine
Concen: 2.142 ng
RT: 20.13 min Scan# 2900
Delta R.T. 0.37 min
Lab File: BG040628.D
Acq: 26 Apr 2019 14:19

Tgt Ion:184 Resp: 23767

Ion	Ratio	Lower	Upper
184	100		
185	15.4	11.8	17.8
183	6.3	10.2	15.2#



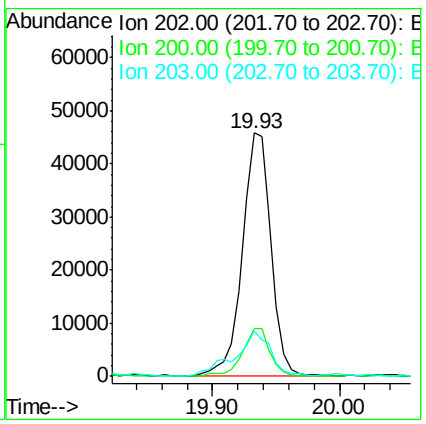


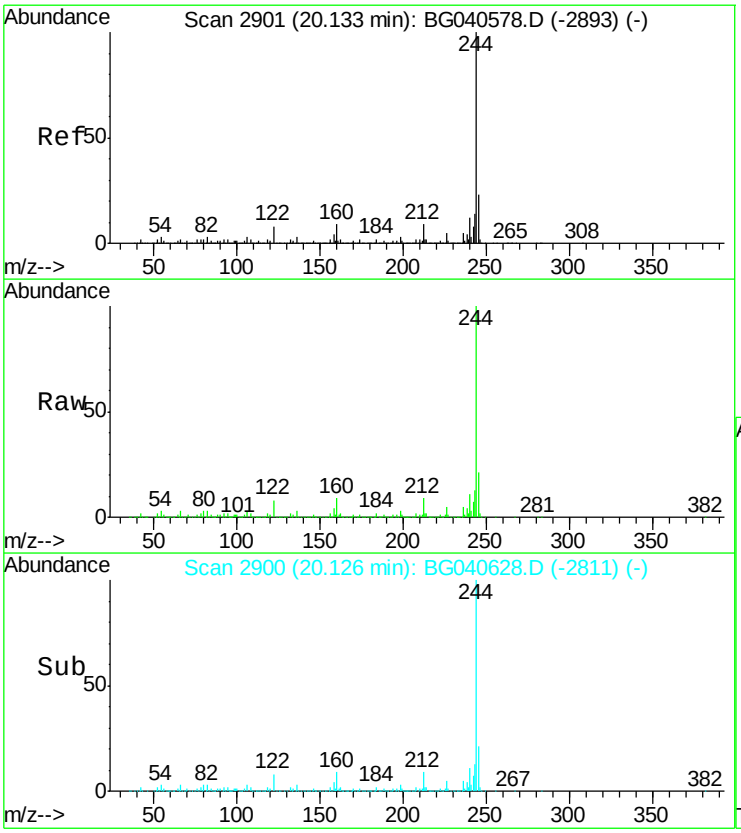
#78
Pyrene
Concen: 2.840 ng
RT: 19.93 min Scan# 2867
Delta R.T. -0.01 min
Lab File: BG040628.D
Acq: 26 Apr 2019 14:19

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 72139

Ion	Ratio	Lower	Upper
202	100		
200	19.9	17.2	25.8
203	18.5	15.0	22.4

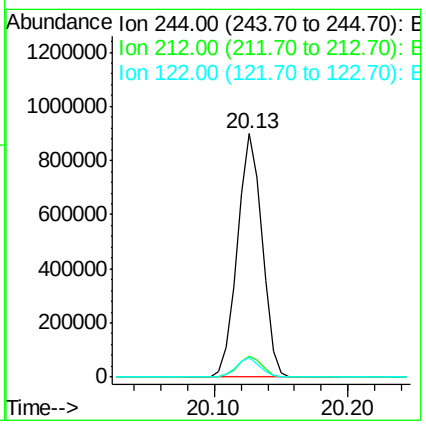


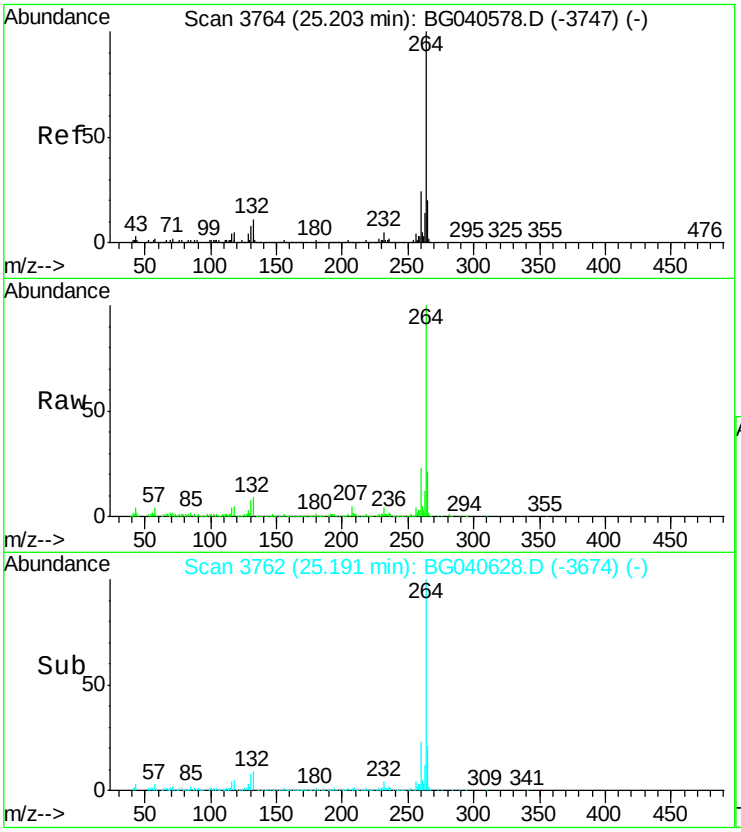


#79
Terphenyl-d14
Concen: 62.821 ng
RT: 20.13 min Scan# 2900
Delta R.T. -0.01 min
Lab File: BG040628.D
Acq: 26 Apr 2019 14:19

Tgt Ion:244 Resp: 1149310

Ion	Ratio	Lower	Upper
244	100		
212	8.7	7.2	10.8
122	7.9	6.6	10.0



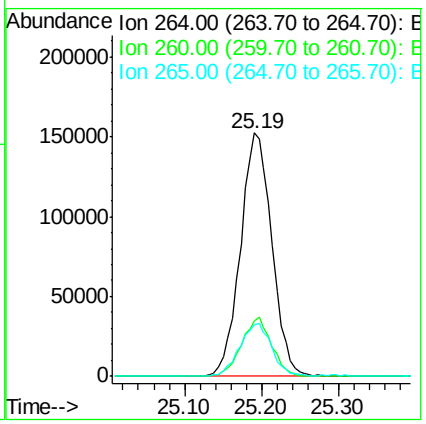


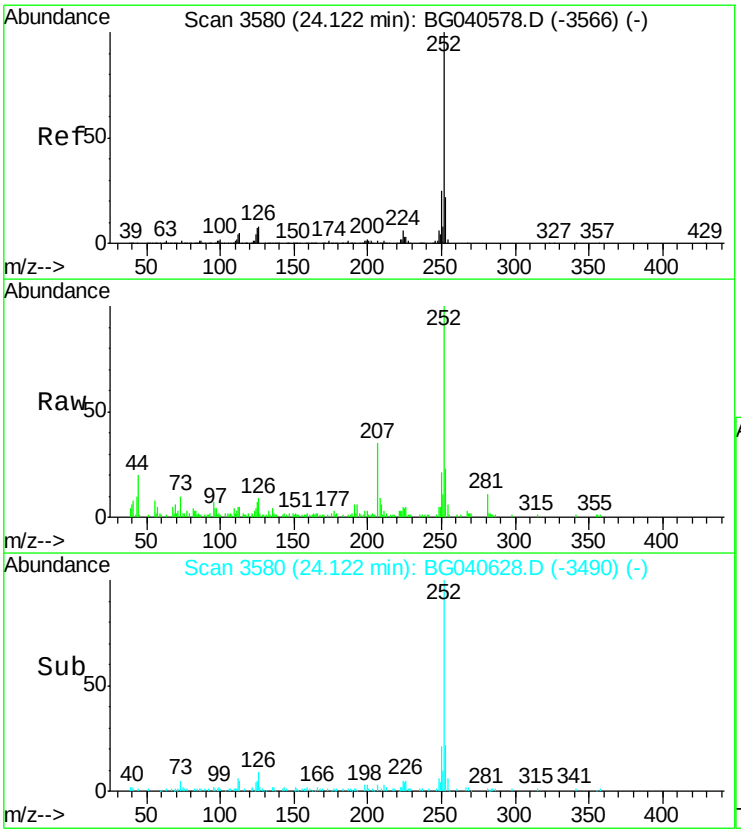
#87
Perylene-d12
Concen: 20.000 ng
RT: 25.19 min Scan# 3762
Delta R.T. -0.01 min
Lab File: BG040628.D
Acq: 26 Apr 2019 14:19

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 434732

Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.2	28.8
265	21.2	16.6	25.0

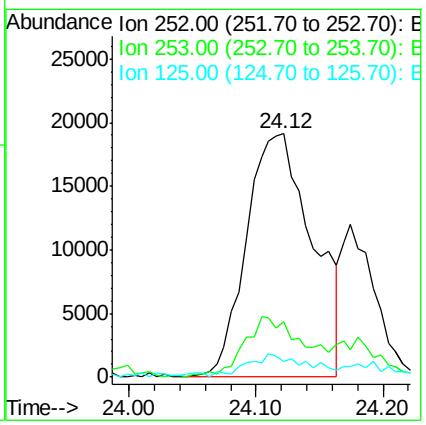


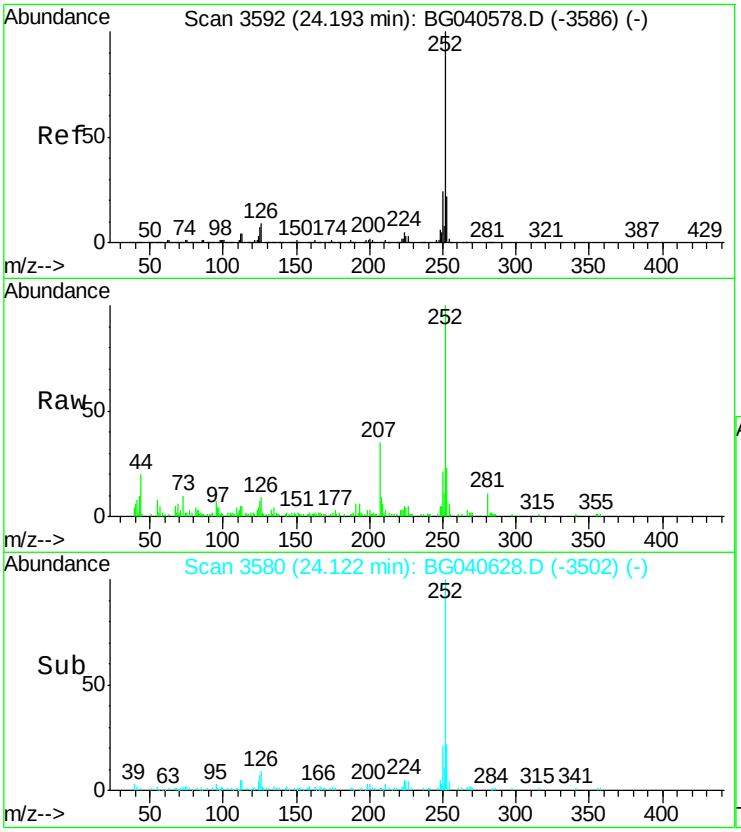


#88
Benzo(b)fluoranthene
Concen: 2.615 ng
RT: 24.12 min Scan# 3580
Delta R.T. -0.00 min
Lab File: BG040628.D
Acq: 26 Apr 2019 14:19

Tgt Ion:252 Resp: 69471

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.6	26.4
125	6.5	5.4	8.0





#89
Benzo(k)fluoranthene
Concen: 2.800 ng
RT: 24.12 min Scan# 3580
Delta R.T. -0.07 min
Lab File: BG040628.D
Acq: 26 Apr 2019 14:19

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 69471

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.6	26.4
125	6.5	5.5	8.3