Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090519\
Data File : BG042729.D
Acq On : 5 Sep 2019 20:40
Operator : HP/JU
Sample : K4680-27
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Sep 06 06:46:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 22 14:29:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	45194	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	167228	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	127602	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	320158	20.00	ng	0.00
76) Chrysene-d12	21.69	240	365177	20.00	ng	0.00
87) Perylene-d12	24.93	264	428064	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	190087	85.18	ng	0.00
7) Phenol-d6	7.16	99	214967	71.32	ng	0.00
23) Nitrobenzene-d5	9.17	82	158642	65.56	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	197521	108.91	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	546124	72.39	ng	0.00
79) Terphenyl-d14	20.02	244	1196406	70.83	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.14	88	4566	4.903	ng	# 1
19) n-Nitroso-di-n-propylamine	9.17	70	20468	10.481	ng	# 79
51) 2,6-Dinitrotoluene	14.65	165	16244	7.612	ng	# 36
57) 2,4-Dinitrotoluene	14.65	165	16244	5.315	ng	# 38
67) 4-Bromophenyl-phenylether	16.15	248	12855	3.165	ng	# 1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090519\
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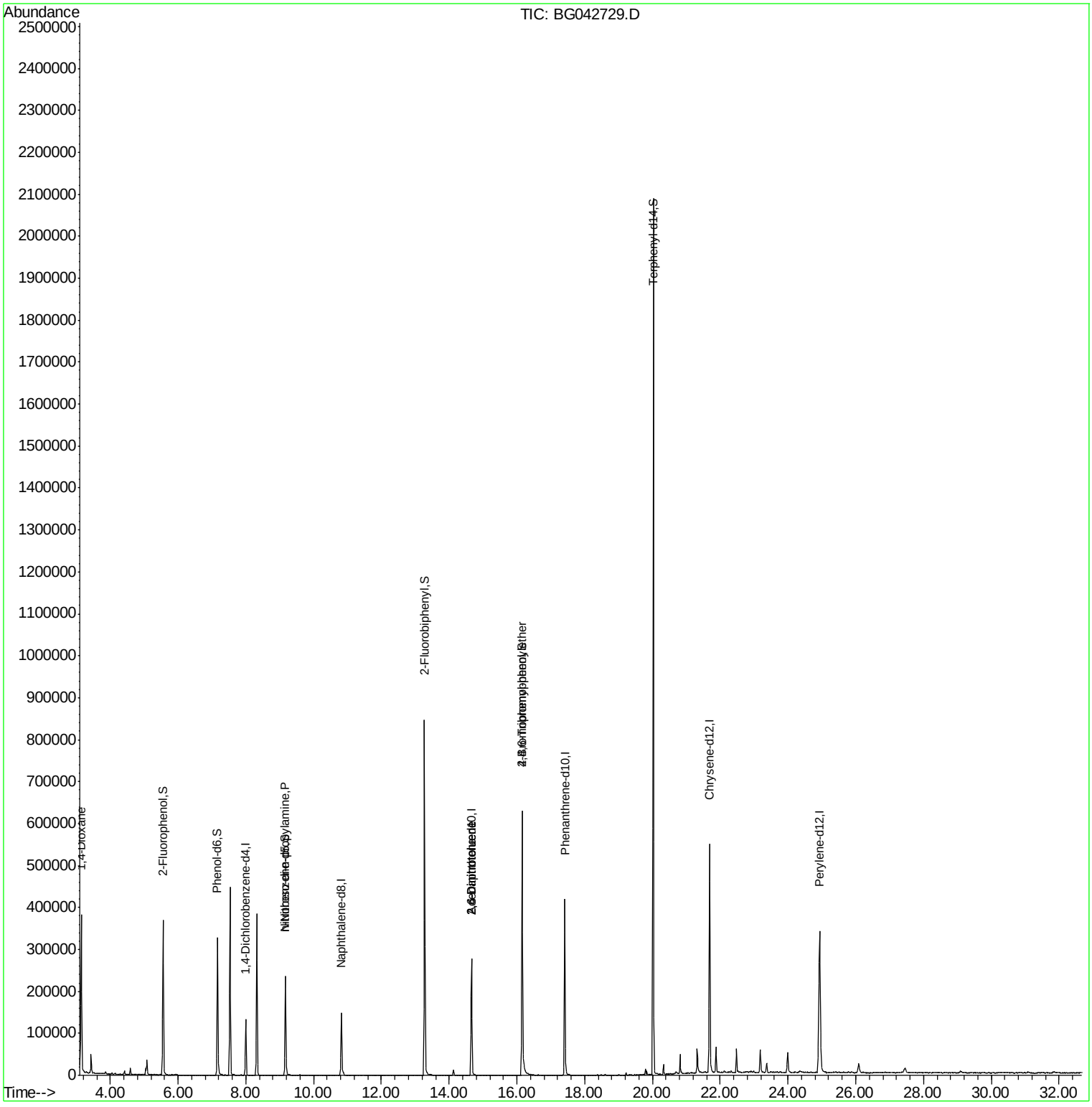
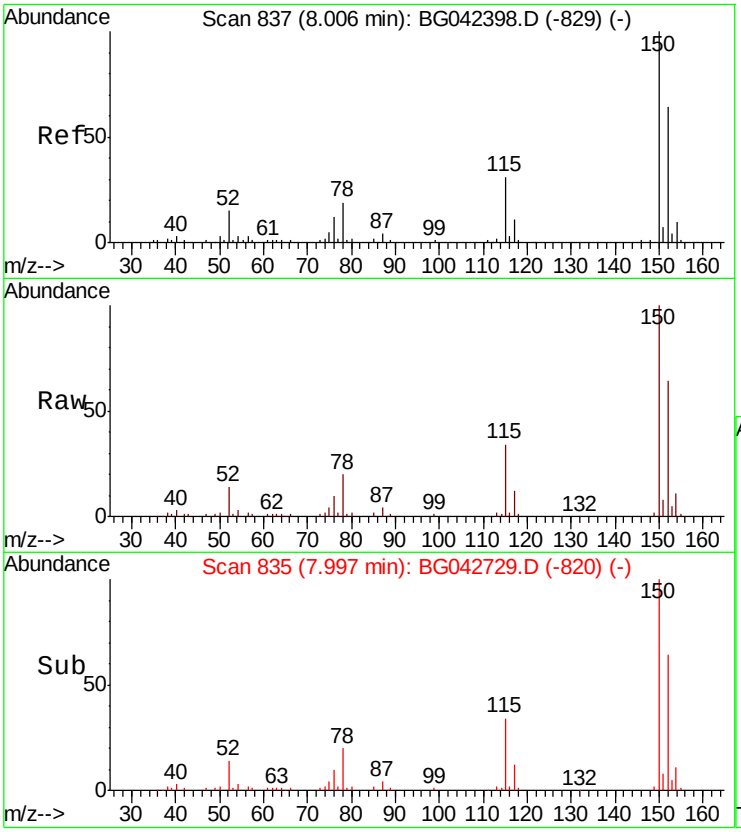
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 22 14:29:15 2019
Response via : Initial Calibration



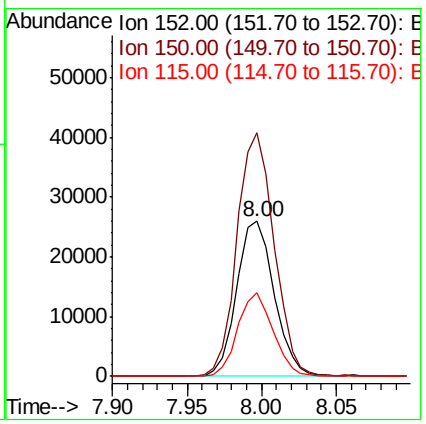


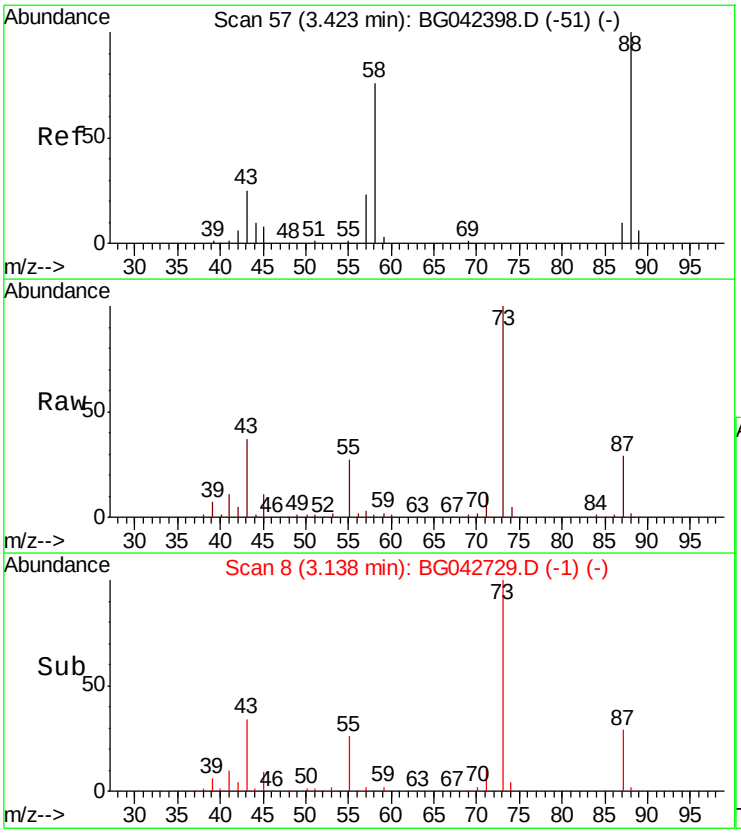
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG042729.D
Acq: 5 Sep 2019 20:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 45194

Ion	Ratio	Lower	Upper
152	100		
150	157.0	125.4	188.0
115	54.0	38.5	57.7

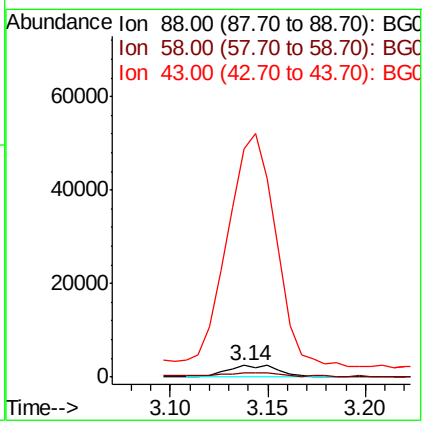


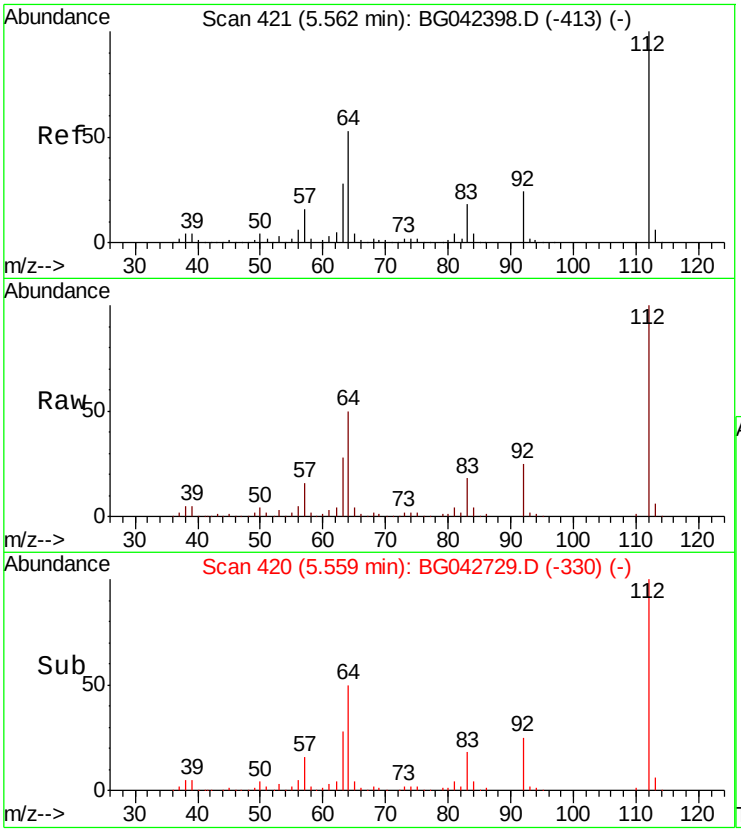


#2
1,4-Dioxane
Concen: 4.903 ng
RT: 3.14 min Scan# 8
Delta R.T. -0.29 min
Lab File: BG042729.D
Acq: 5 Sep 2019 20:40

Tgt Ion: 88 Resp: 4566

Ion	Ratio	Lower	Upper
88	100		
58	26.5	58.3	87.5#
43	1867.4	20.2	30.2#



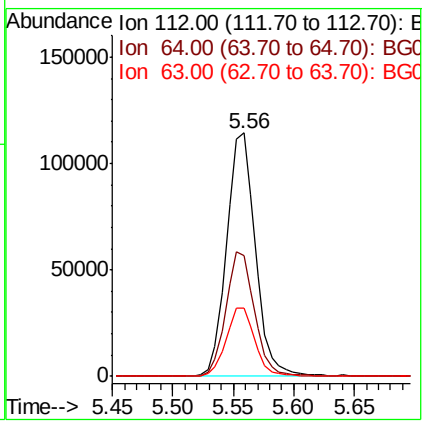


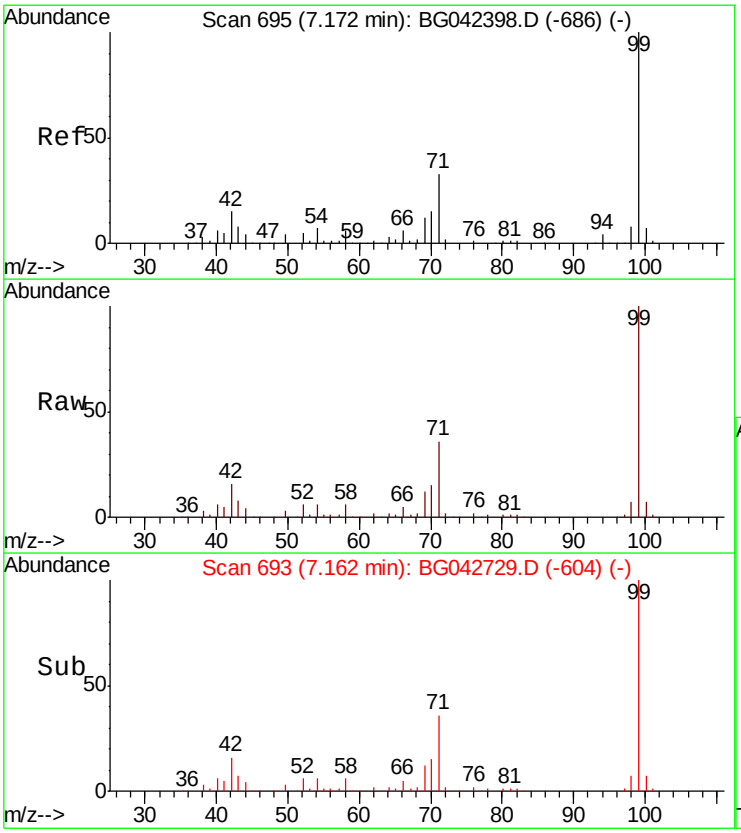
#5
2-Fluorophenol
Concen: 85.184 ng
RT: 5.56 min Scan# 420
Delta R.T. -0.00 min
Lab File: BG042729.D
Acq: 5 Sep 2019 20:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:112 Resp: 190087

Ion	Ratio	Lower	Upper
112	100		
64	49.7	42.8	64.2
63	27.9	22.7	34.1

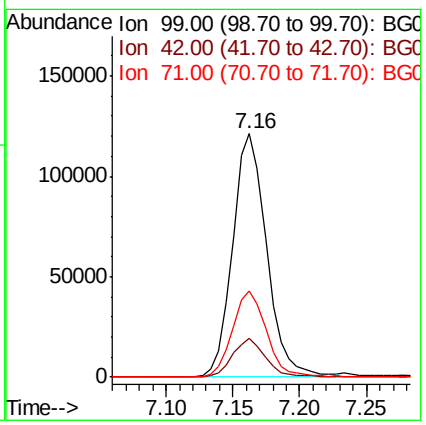


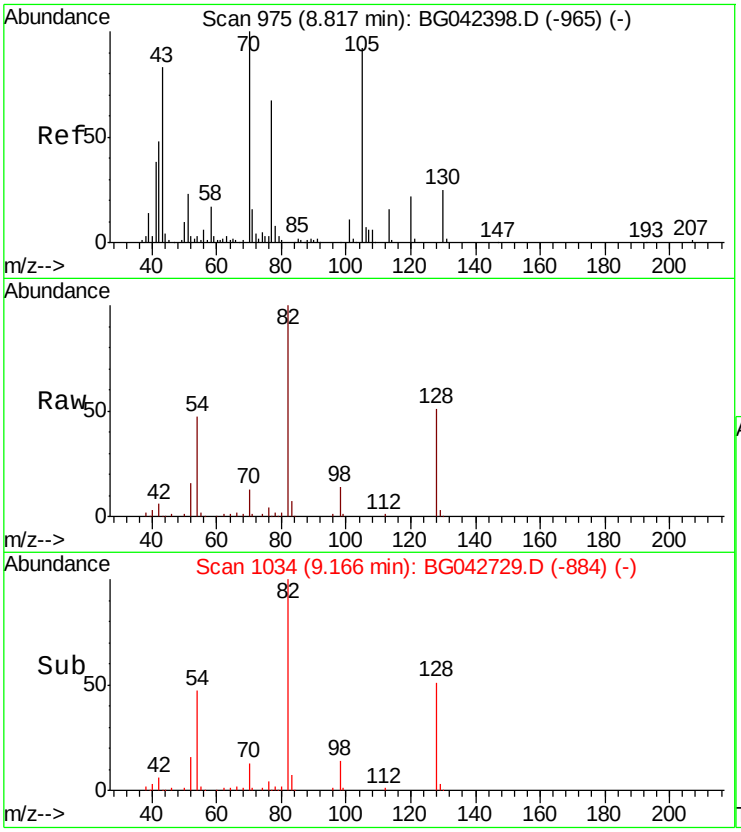


#7
Phenol-d6
Concen: 71.317 ng
RT: 7.16 min Scan# 693
Delta R.T. -0.01 min
Lab File: BG042729.D
Acq: 5 Sep 2019 20:40

Tgt Ion: 99 Resp: 214967

Ion	Ratio	Lower	Upper
99	100		
42	15.8	12.0	18.0
71	35.6	26.3	39.5



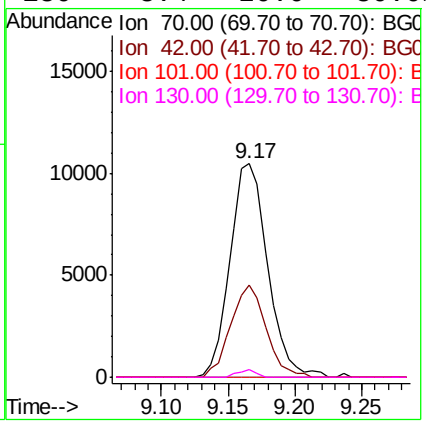


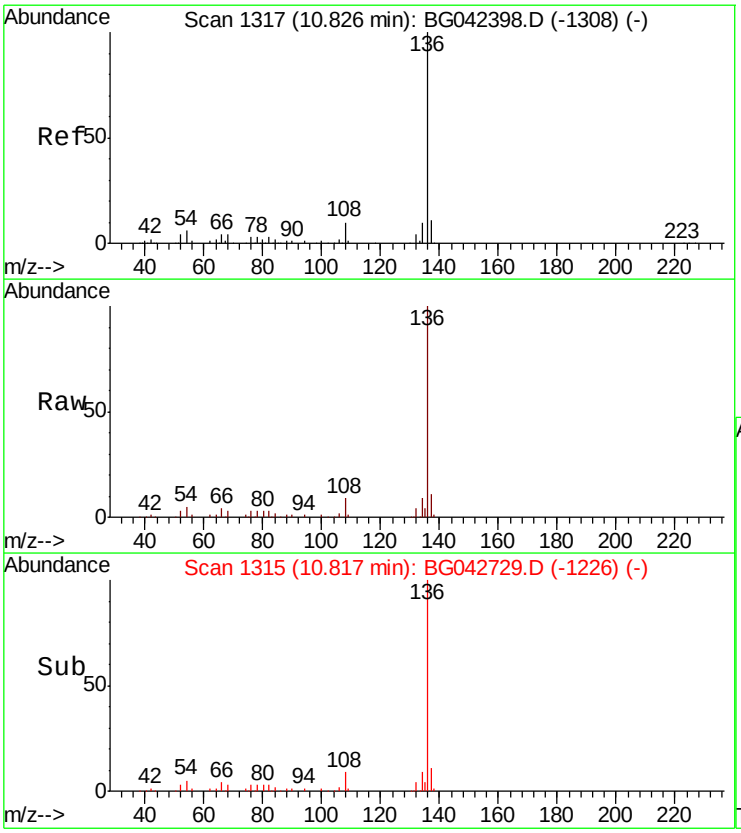
#19
n-Nitroso-di-n-propylamine
Concen: 10.481 ng
RT: 9.17 min Scan# 1034
Delta R.T. 0.35 min
Lab File: BG042729.D
Acq: 5 Sep 2019 20:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 20468

Ion	Ratio	Lower	Upper
70	100		
42	43.2	38.8	58.2
101	0.0	9.0	13.6#
130	3.4	20.0	30.0#

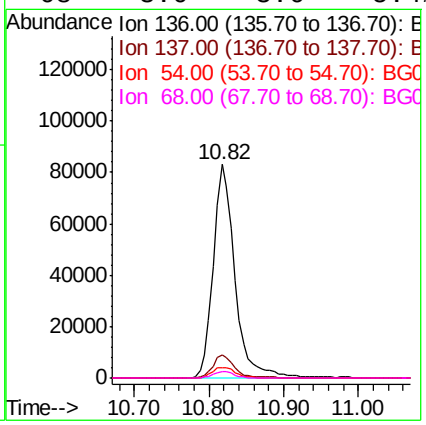


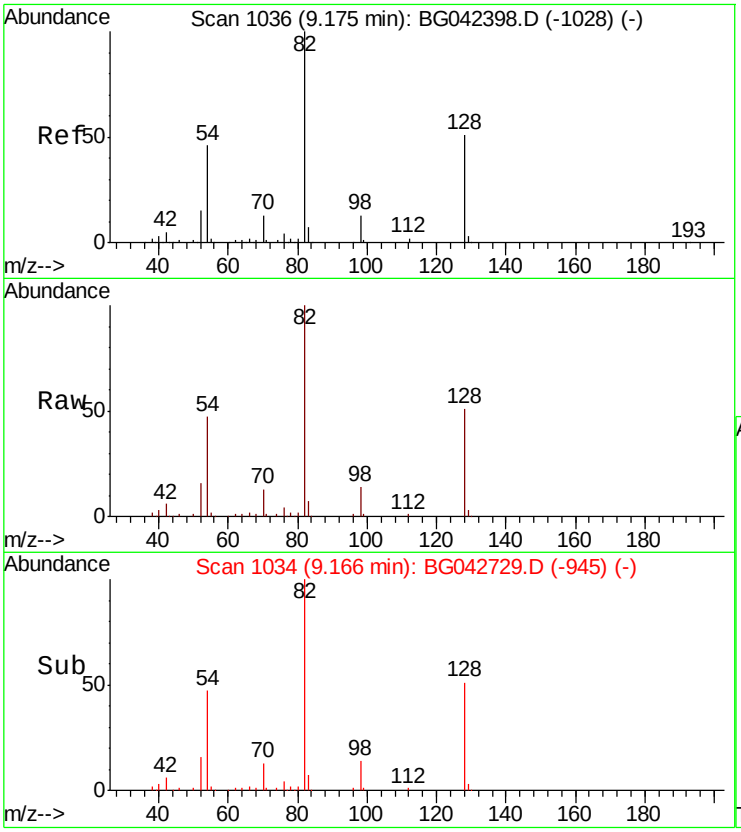


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BG042729.D
Acq: 5 Sep 2019 20:40

Tgt Ion:136 Resp: 167228

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	4.8	4.9	7.3#
68	3.0	3.6	5.4#



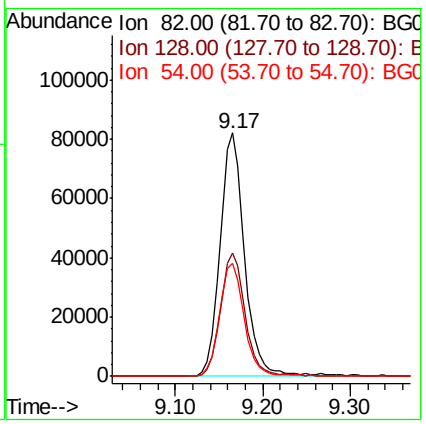


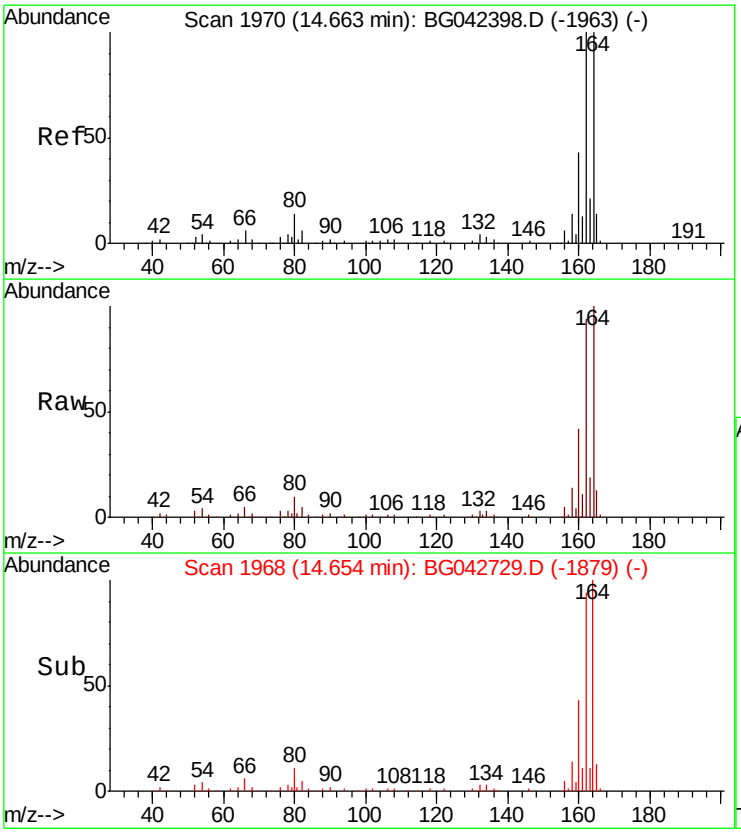
#23
Nitrobenzene-d5
Concen: 65.556 ng
RT: 9.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042729.D
Acq: 5 Sep 2019 20:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 158642

Ion	Ratio	Lower	Upper
82	100		
128	50.7	40.7	61.1
54	46.6	36.3	54.5

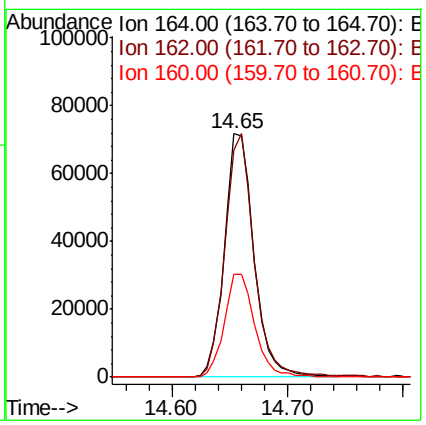


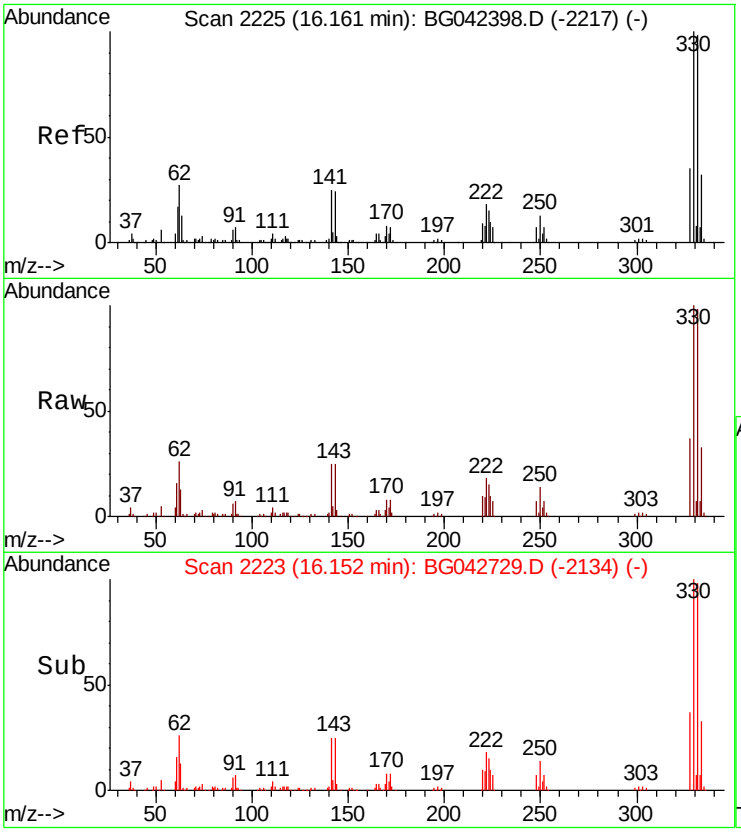


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.01 min
Lab File: BG042729.D
Acq: 5 Sep 2019 20:40

Tgt Ion:164 Resp: 127602

Ion	Ratio	Lower	Upper
164	100		
162	93.5	79.9	119.9
160	42.3	34.3	51.5



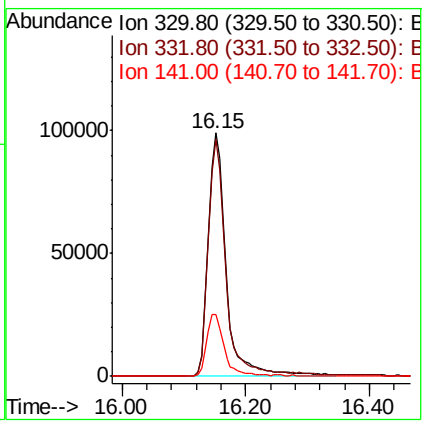


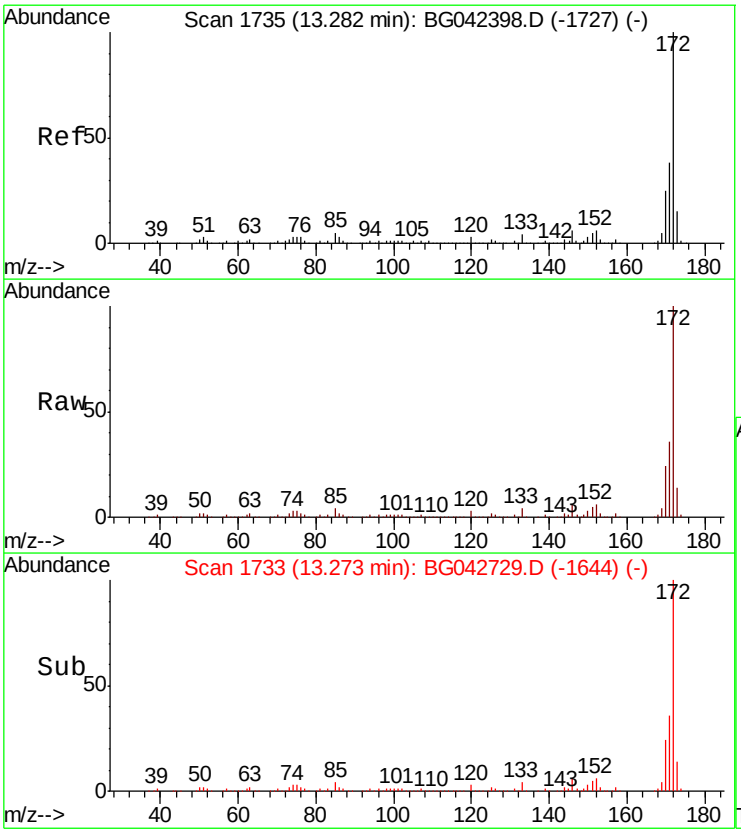
#42
2,4,6-Tribromophenol
Concen: 108.908 ng
RT: 16.15 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BG042729.D
Acq: 5 Sep 2019 20:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 197521

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.4	116.0
141	24.9	21.4	32.0

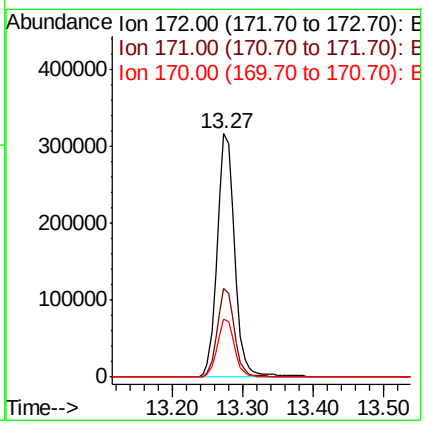


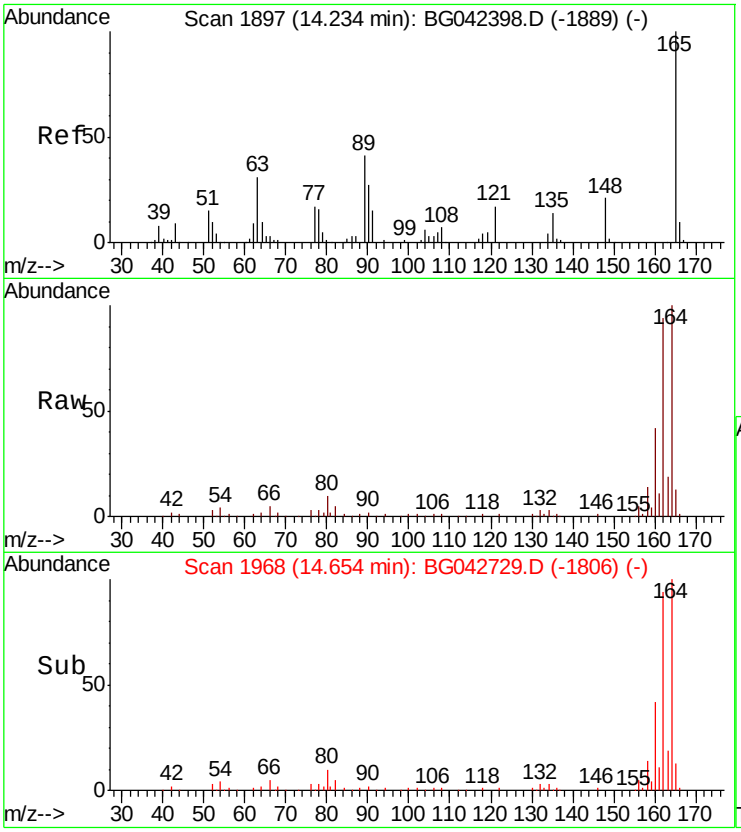


#45
2-Fluorobiphenyl
Concen: 72.385 ng
RT: 13.27 min Scan# 1733
Delta R.T. -0.01 min
Lab File: BG042729.D
Acq: 5 Sep 2019 20:40

Tgt Ion:172 Resp: 546124

Ion	Ratio	Lower	Upper
172	100		
171	36.3	30.5	45.7
170	23.7	20.2	30.2



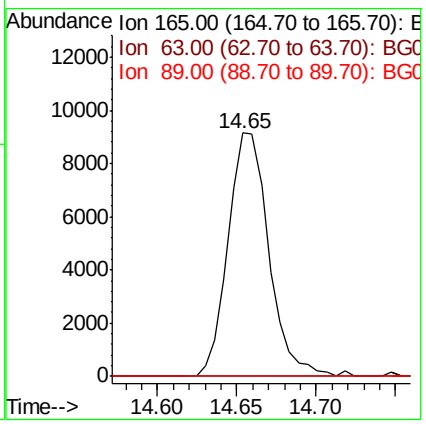


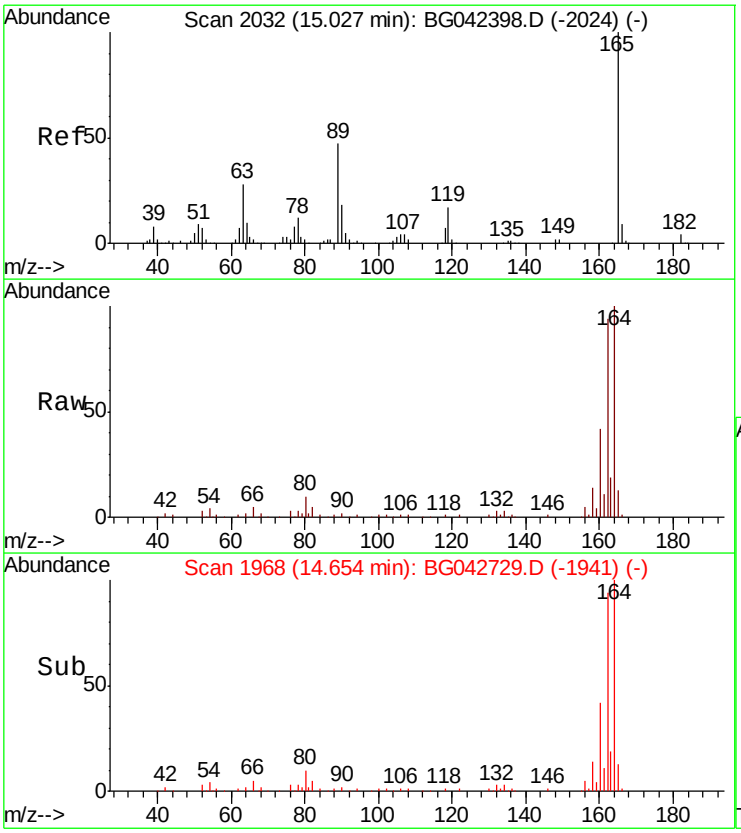
#51
2,6-Dinitrotoluene
Concen: 7.612 ng
RT: 14.65 min Scan# 1968
Delta R.T. 0.42 min
Lab File: BG042729.D
Acq: 5 Sep 2019 20:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 16244

Ion	Ratio	Lower	Upper
165	100		
63	0.0	30.6	45.8#
89	0.0	32.6	49.0#

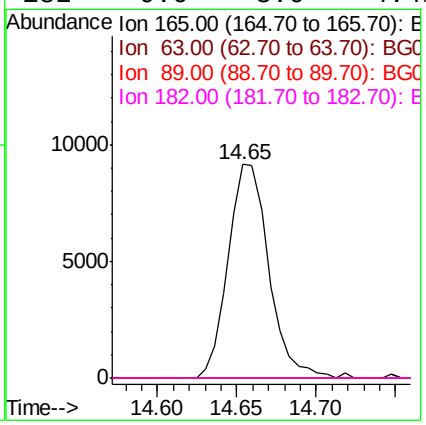


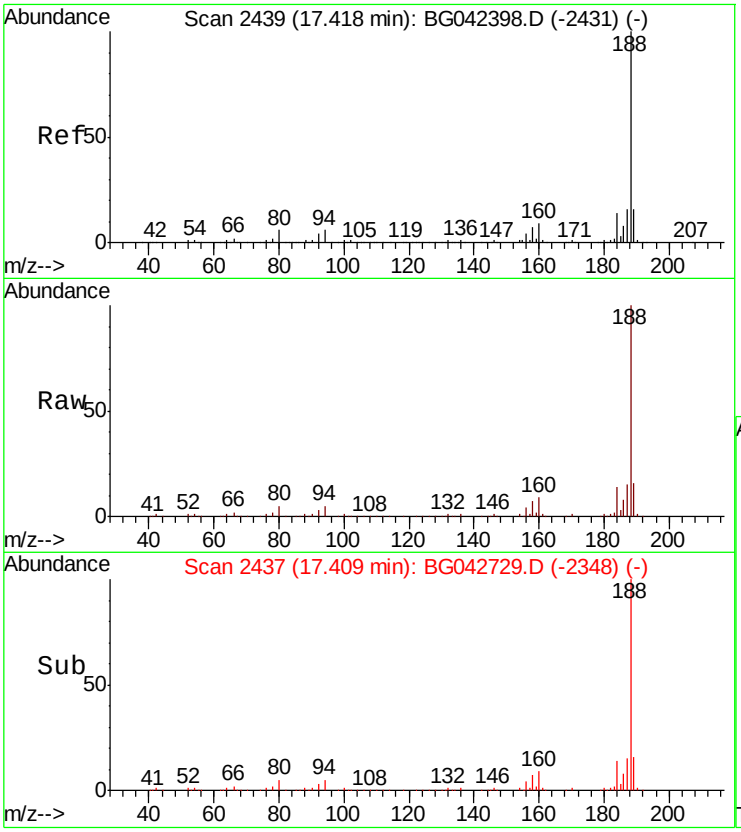


#57
2,4-Dinitrotoluene
Concen: 5.315 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.37 min
Lab File: BG042729.D
Acq: 5 Sep 2019 20:40

Tgt Ion:165 Resp: 16244

Ion	Ratio	Lower	Upper
165	100		
63	0.0	22.5	33.7#
89	0.0	37.8	56.6#
182	0.0	3.0	4.4#



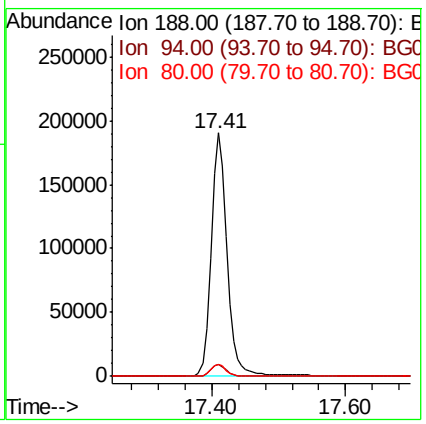


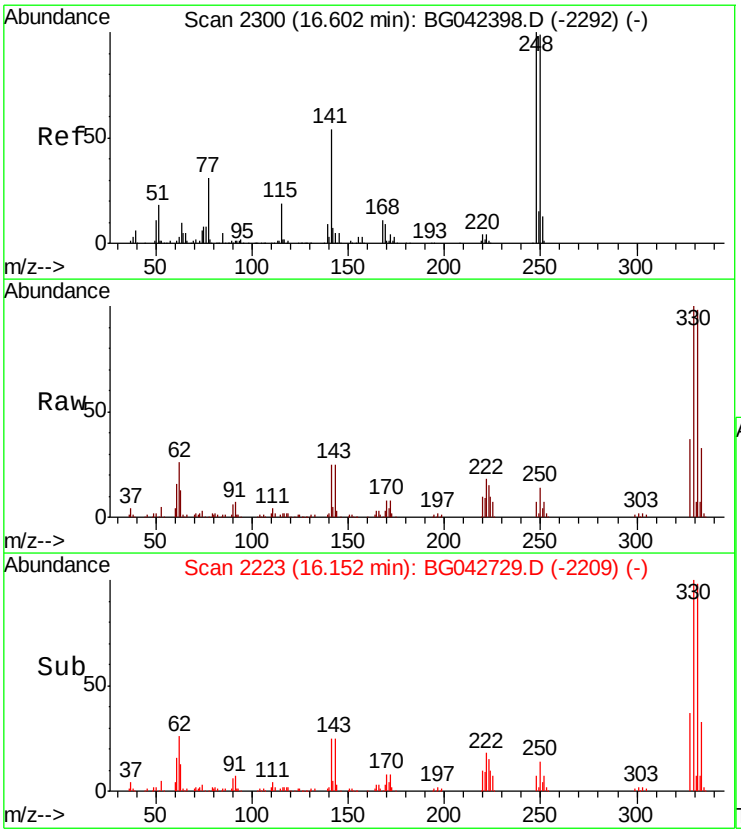
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BG042729.D
Acq: 5 Sep 2019 20:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 320158

Ion	Ratio	Lower	Upper
188	100		
94	4.8	4.5	6.7
80	4.9	4.9	7.3

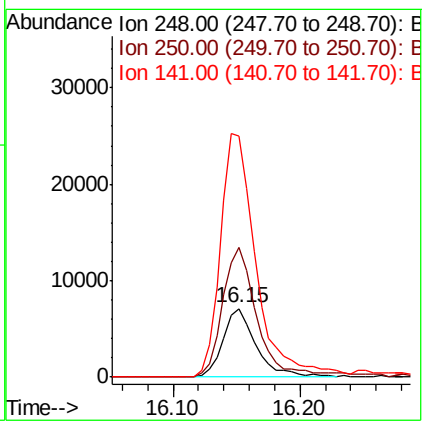


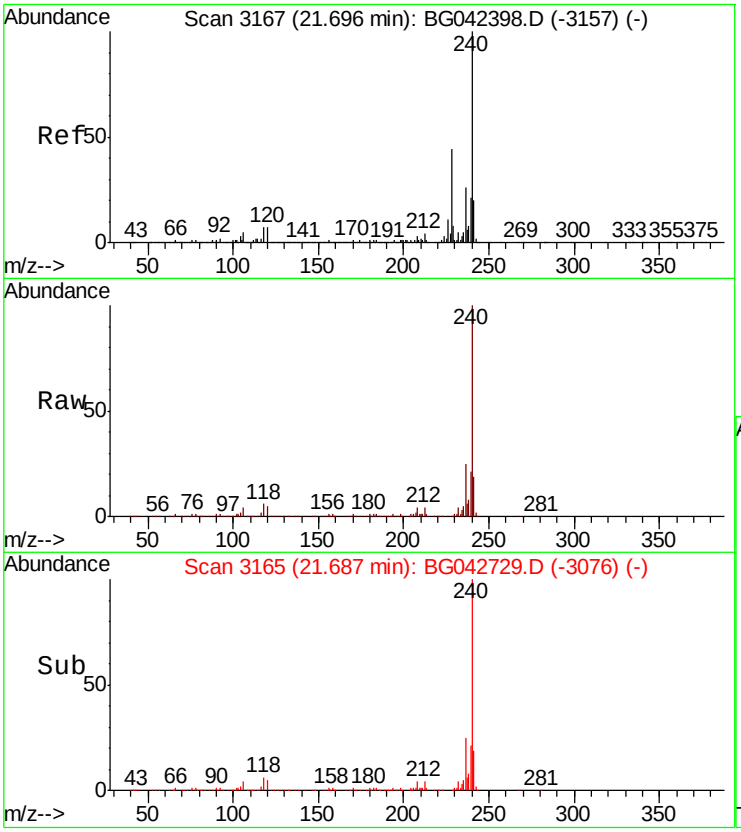


#67
4-Bromophenyl-phenylether
Concen: 3.165 ng
RT: 16.15 min Scan# 2223
Delta R.T. -0.45 min
Lab File: BG042729.D
Acq: 5 Sep 2019 20:40

Tgt Ion:248 Resp: 12855

Ion	Ratio	Lower	Upper
248	100		
250	190.0	78.9	118.3#
141	352.0	43.3	64.9#



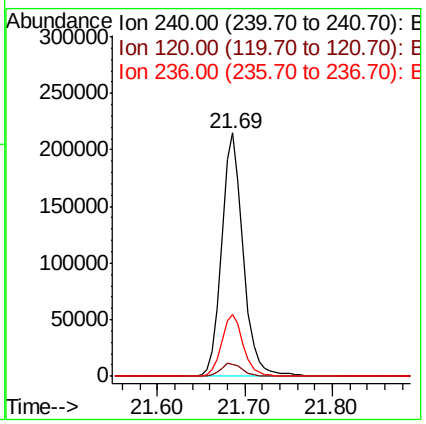


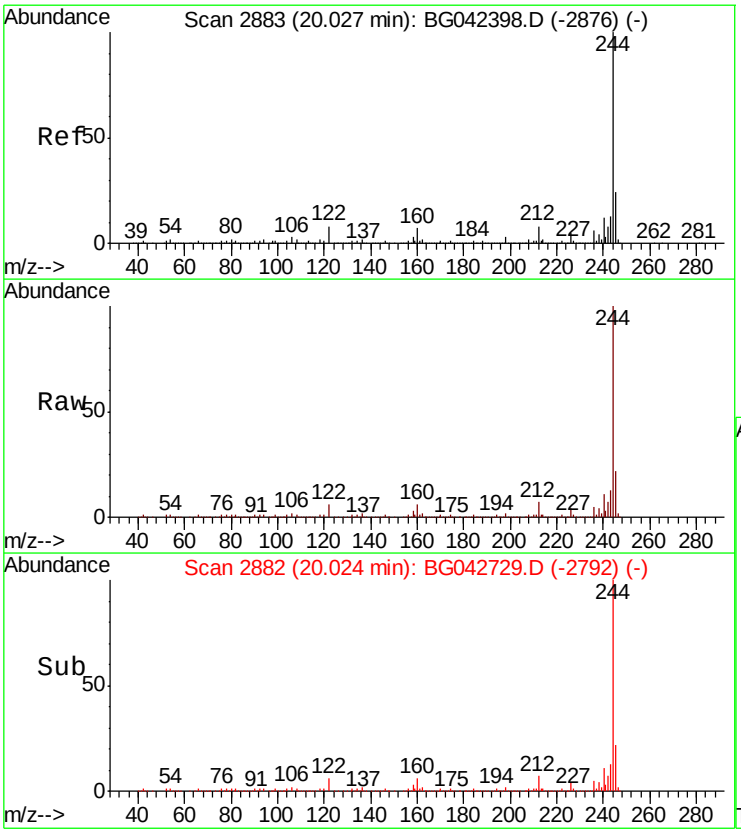
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3165
Delta R.T. -0.01 min
Lab File: BG042729.D
Acq: 5 Sep 2019 20:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 365177

Ion	Ratio	Lower	Upper
240	100		
120	5.0	5.7	8.5#
236	25.5	21.0	31.4

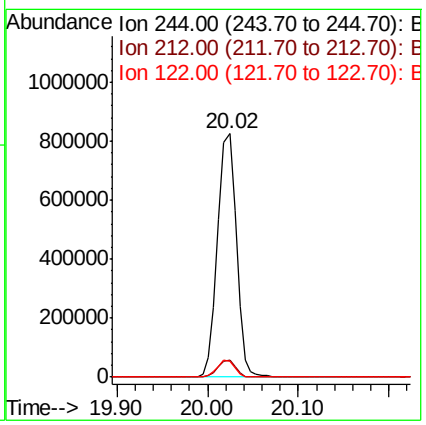


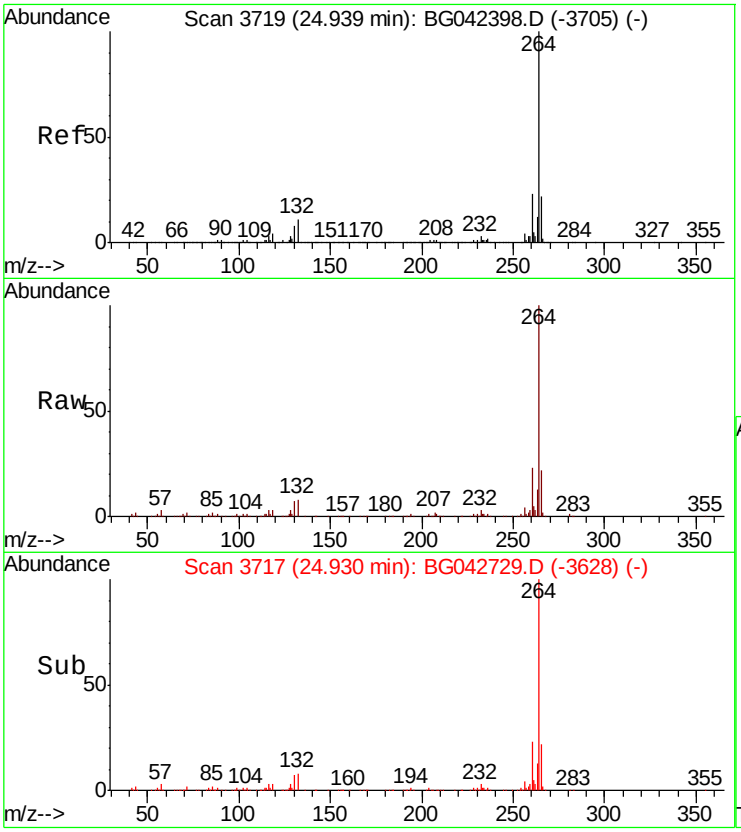


#79
Terphenyl-d14
Concen: 70.830 ng
RT: 20.02 min Scan# 2882
Delta R.T. -0.00 min
Lab File: BG042729.D
Acq: 5 Sep 2019 20:40

Tgt Ion:244 Resp: 1196406

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	6.3	6.7	10.1#





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.93 min Scan# 3717
Delta R.T. -0.01 min
Lab File: BG042729.D
Acq: 5 Sep 2019 20:40

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 428064

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.5	27.7
265	22.4	17.6	26.4