Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091719\
Data File : BG042880.D
Acq On : 17 Sep 2019 23:13
Operator : HP/JU
Sample : K4859-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Sep 18 01:54:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 12 14:06:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	48501	20.00	ng	-0.02
21) Naphthalene-d8	10.91	136	187913	20.00	ng	-0.02
39) Acenaphthene-d10	14.72	164	145589	20.00	ng	-0.02
64) Phenanthrene-d10	17.46	188	356244	20.00	ng	-0.02
76) Chrysene-d12	21.74	240	314535	20.00	ng	-0.02
87) Perylene-d12	25.00	264	325662	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	54	0.02	ng	0.03
7) Phenol-d6	7.30	99	1046	0.26	ng	0.03
23) Nitrobenzene-d5	9.27	82	213887	59.26	ng	-0.01
42) 2,4,6-Tribromophenol	16.21	330	73	0.04	ng	-0.01
45) 2-Fluorobiphenyl	13.35	172	578138	62.86	ng	-0.02
79) Terphenyl-d14	20.07	244	958969	67.57	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.27	70	29048	9.845	ng	# 75
51) 2,6-Dinitrotoluene	14.72	165	19862	8.875	ng	# 20
57) 2,4-Dinitrotoluene	14.72	165	19862	6.659	ng	# 24

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

Quantitation Report (Not Reviewed)

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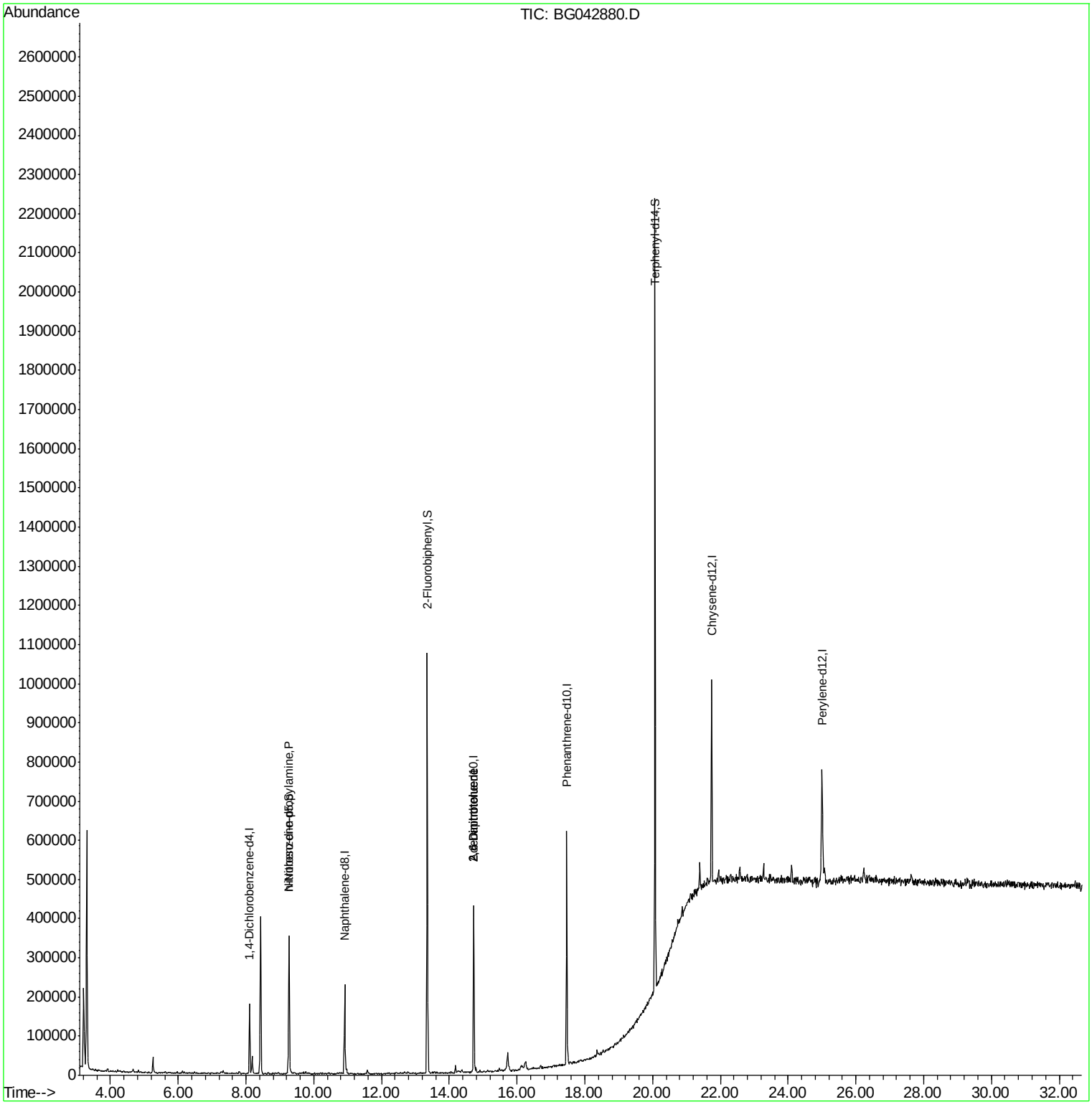
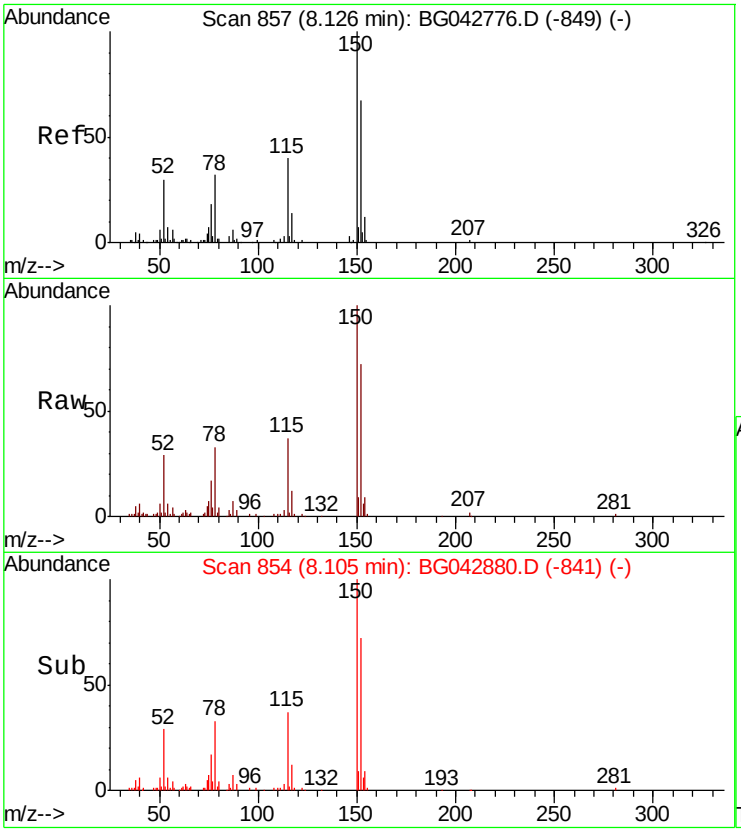


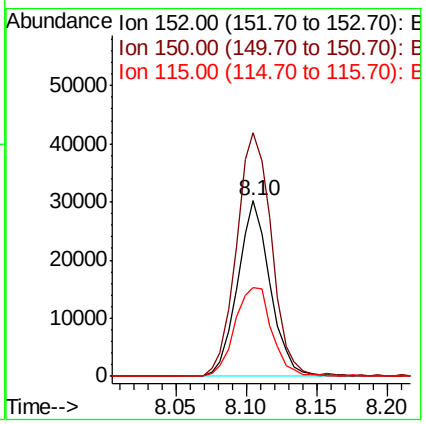


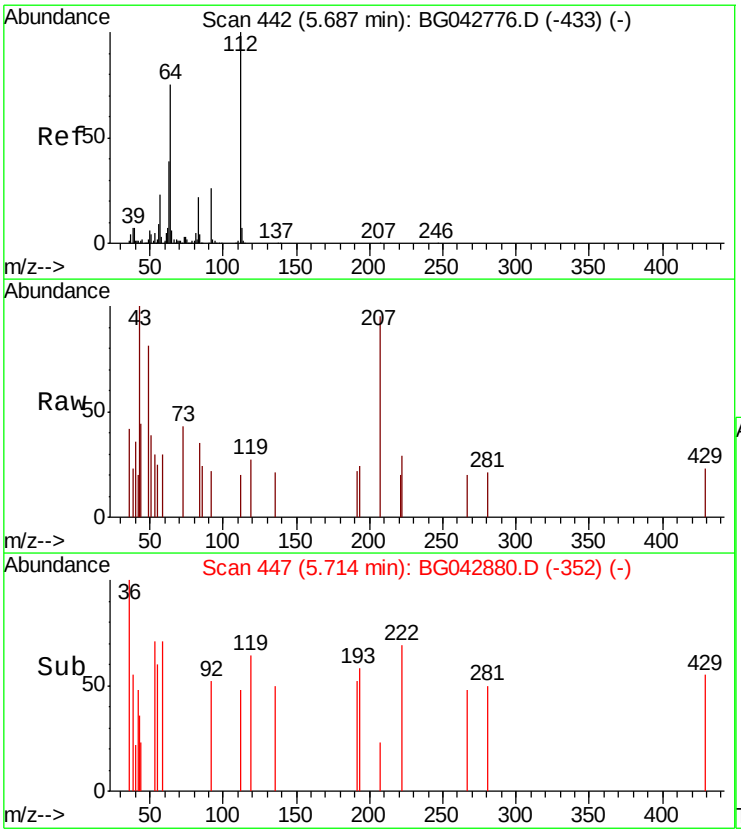
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 854
Delta R.T. -0.02 min
Lab File: BG042880.D
Acq: 17 Sep 2019 23:13

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 48501

Ion	Ratio	Lower	Upper
152	100		
150	138.9	118.9	178.3
115	50.8	47.4	71.2

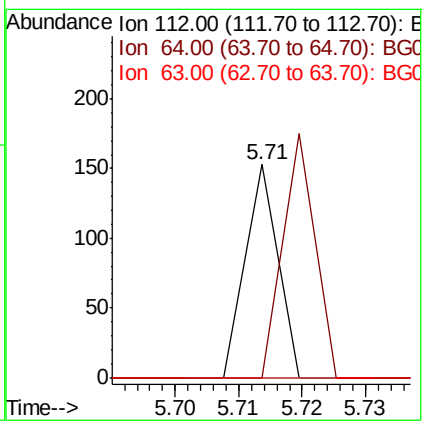


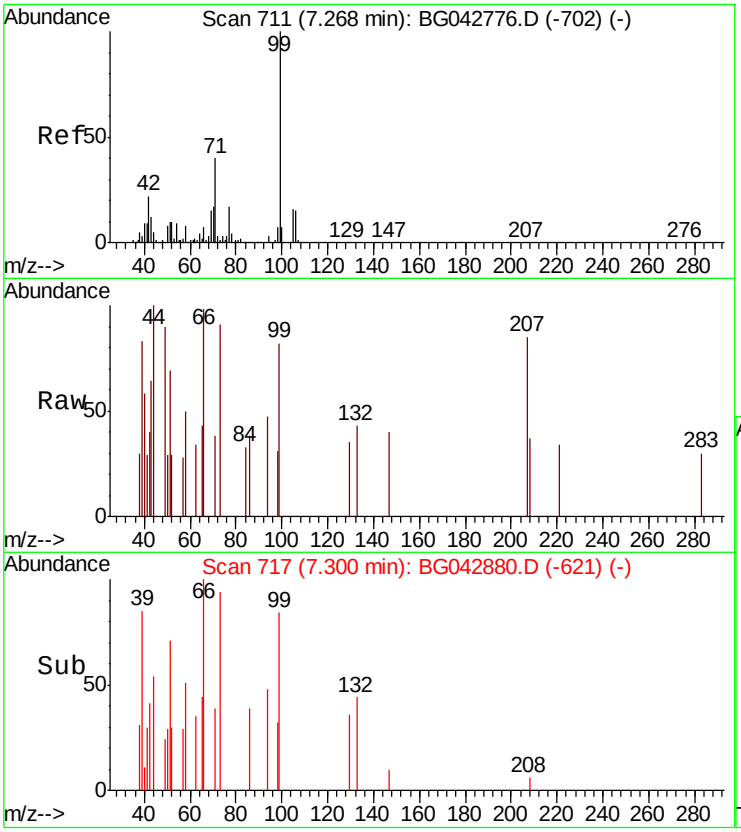


#5
2-Fluorophenol
Concen: 0.019 ng
RT: 5.71 min Scan# 447
Delta R.T. 0.03 min
Lab File: BG042880.D
Acq: 17 Sep 2019 23:13

Tgt Ion:112 Resp: 54

Ion	Ratio	Lower	Upper
112	100		
64	0.0	60.2	90.2#
63	0.0	31.2	46.8#



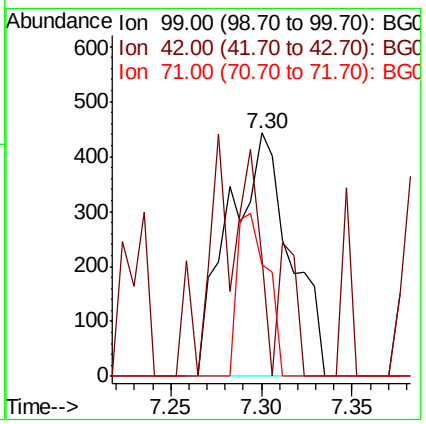


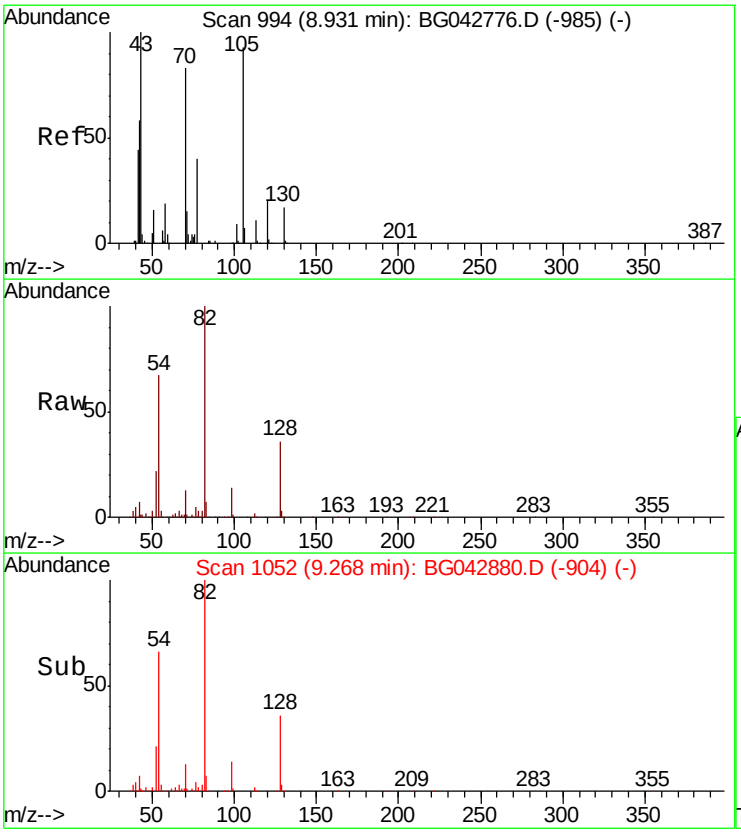
#7
Phenol-d6
Concen: 0.261 ng
RT: 7.30 min Scan# 717
Delta R.T. 0.03 min
Lab File: BG042880.D
Acq: 17 Sep 2019 23:13

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 1046

Ion	Ratio	Lower	Upper
99	100		
42	48.5	17.5	26.3#
71	45.8	32.0	48.0

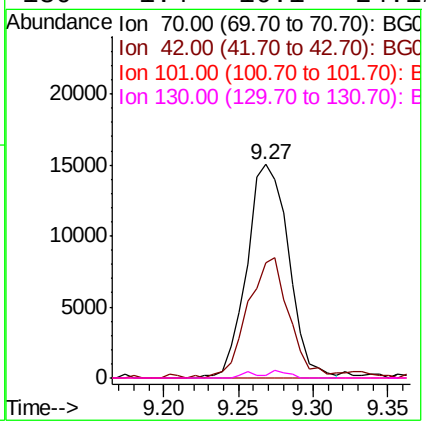


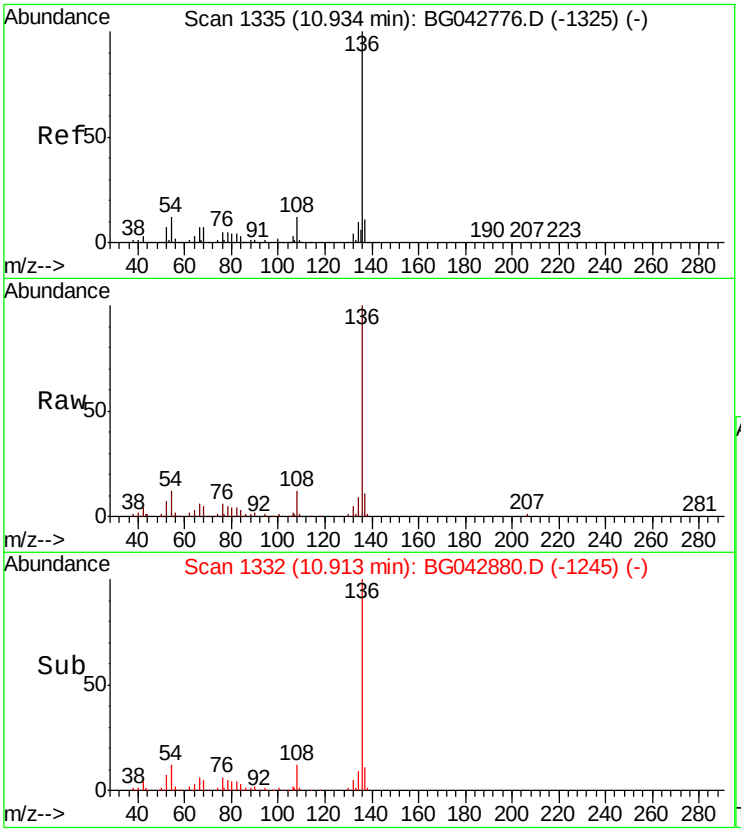


#19
n-Nitroso-di-n-propylamine
Concen: 9.845 ng
RT: 9.27 min Scan# 1052
Delta R.T. 0.34 min
Lab File: BG042880.D
Acq: 17 Sep 2019 23:13

Tgt Ion: 70 Resp: 29048

Ion	Ratio	Lower	Upper
70	100		
42	54.1	57.0	85.6#
101	0.0	8.4	12.6#
130	1.4	16.1	24.1#



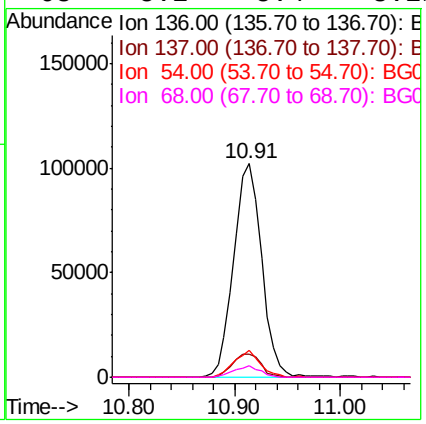


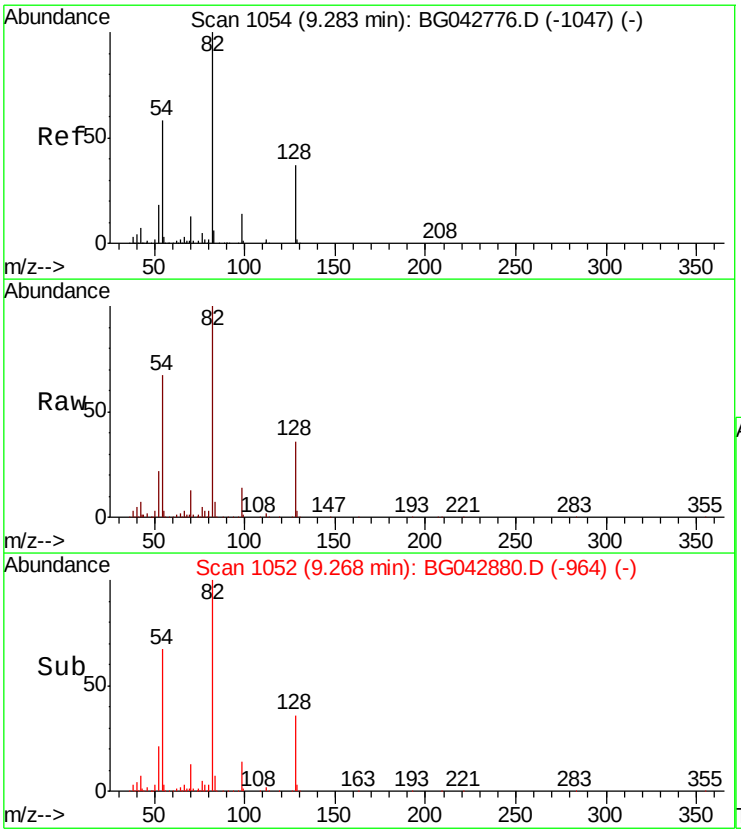
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BG042880.D
Acq: 17 Sep 2019 23:13

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 187913

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.6
54	12.5	9.4	14.0
68	5.2	5.4	8.2#

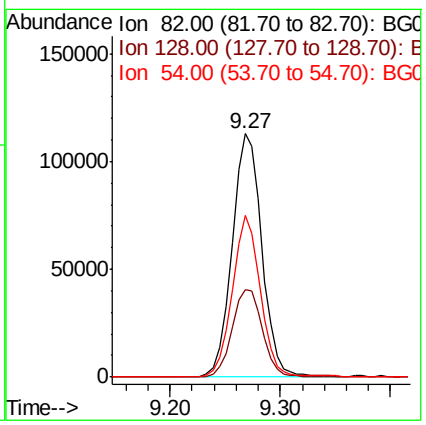


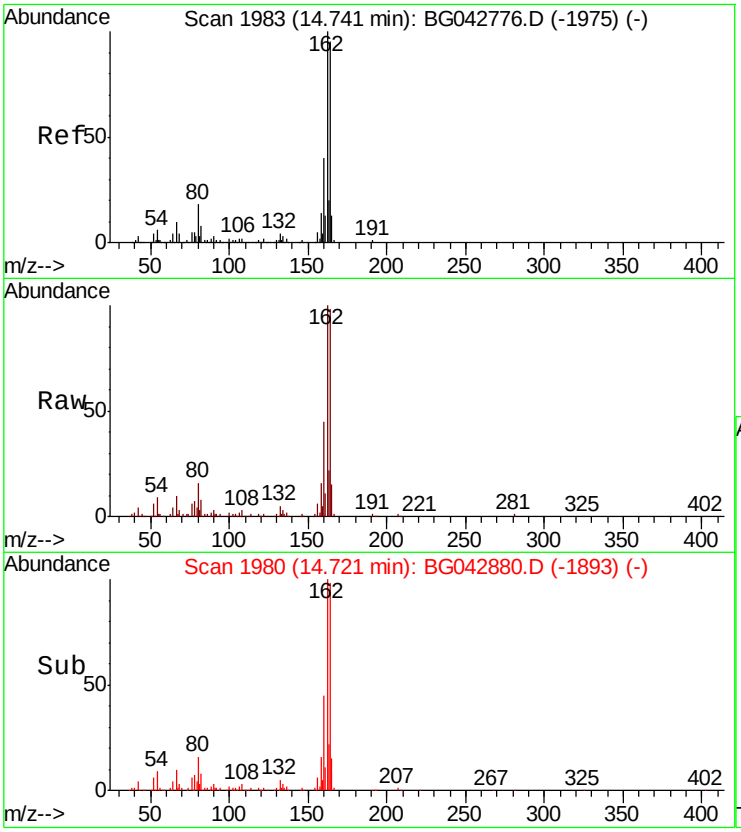


#23
Nitrobenzene-d5
Concen: 59.259 ng
RT: 9.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BG042880.D
Acq: 17 Sep 2019 23:13

Tgt Ion: 82 Resp: 213887

Ion	Ratio	Lower	Upper
82	100		
128	35.9	29.8	44.8
54	66.5	46.1	69.1



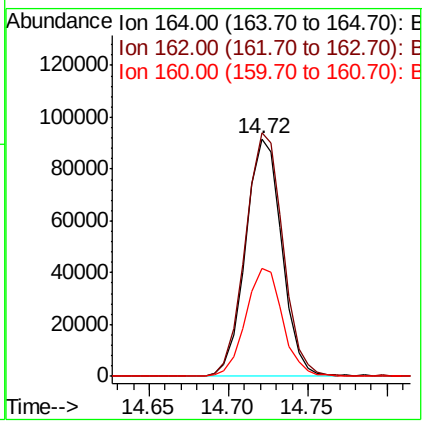


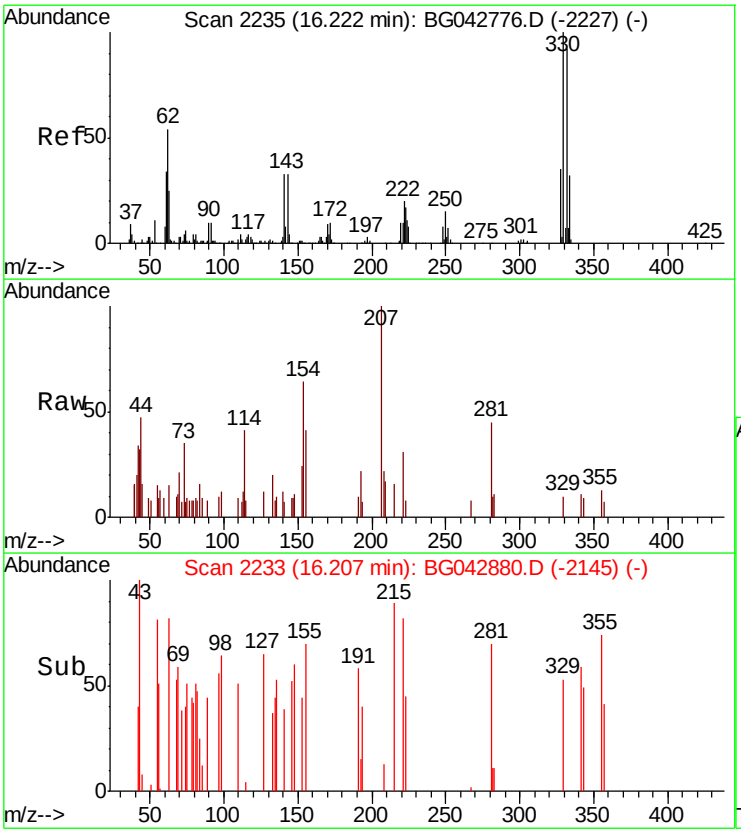
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1980
Delta R.T. -0.02 min
Lab File: BG042880.D
Acq: 17 Sep 2019 23:13

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 145589

Ion	Ratio	Lower	Upper
164	100		
162	102.5	84.6	126.8
160	45.7	34.2	51.2

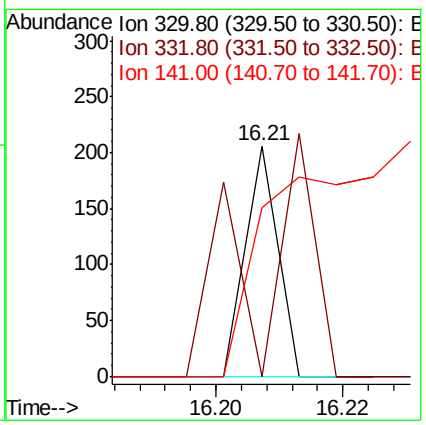


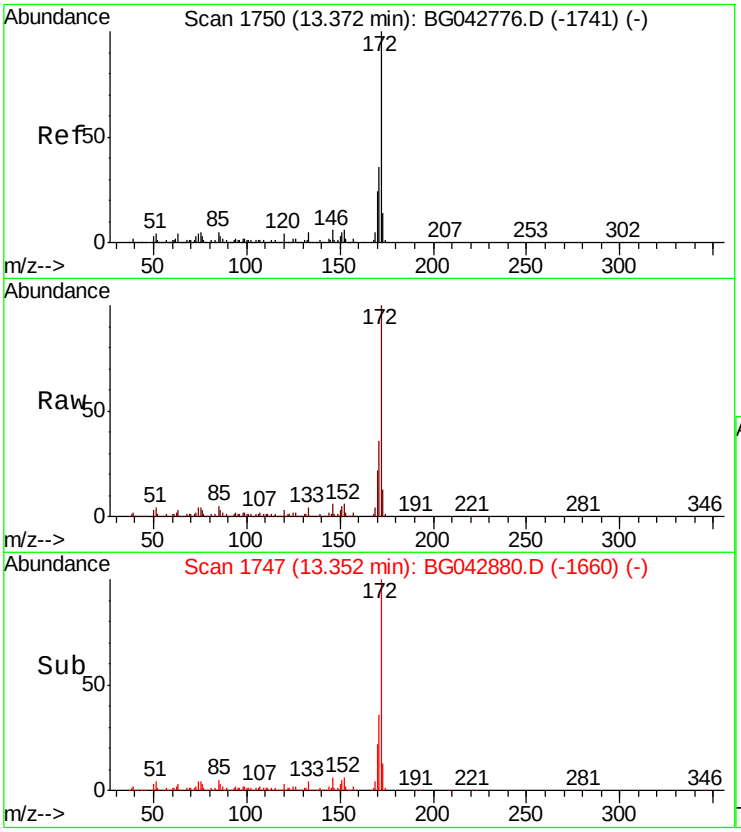


#42
2,4,6-Tribromophenol
Concen: 0.038 ng
RT: 16.21 min Scan# 2233
Delta R.T. -0.01 min
Lab File: BG042880.D
Acq: 17 Sep 2019 23:13

Tgt Ion:330 Resp: 73

Ion	Ratio	Lower	Upper
330	100		
332	83.6	76.7	115.1
141	0.0	27.0	40.6#



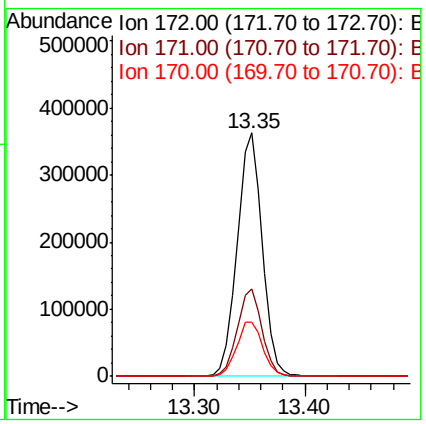


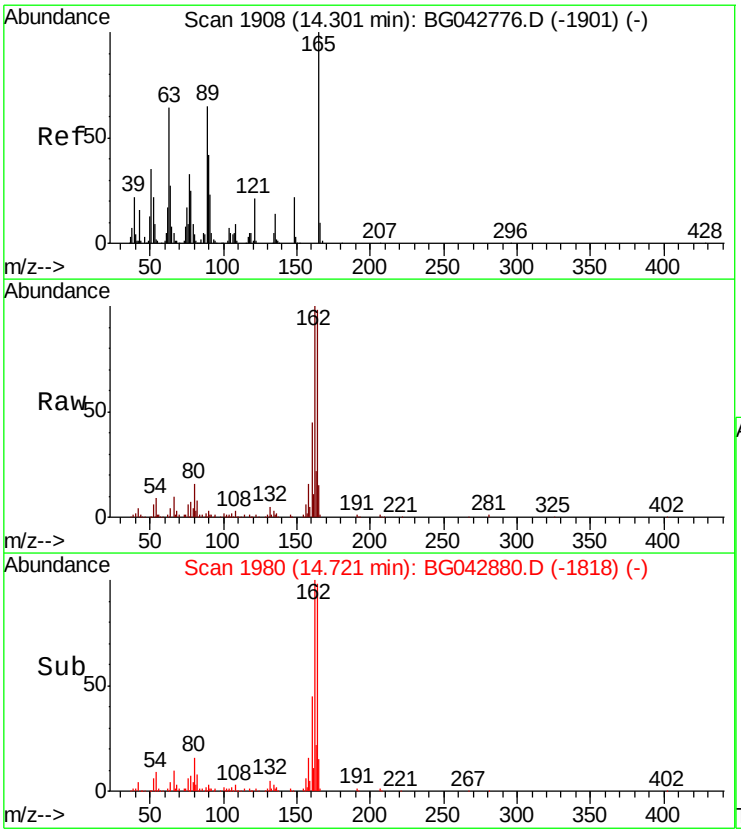
#45
2-Fluorobiphenyl
Concen: 62.859 ng
RT: 13.35 min Scan# 1747
Delta R.T. -0.02 min
Lab File: BG042880.D
Acq: 17 Sep 2019 23:13

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 578138

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.9	43.3
170	22.1	19.1	28.7

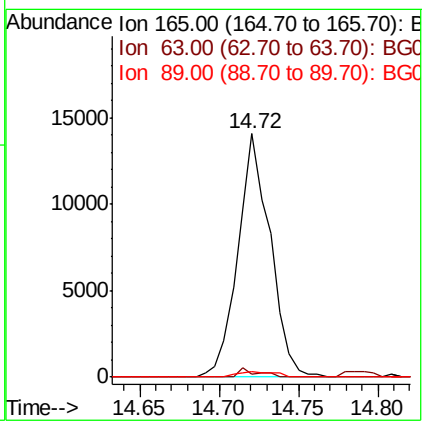


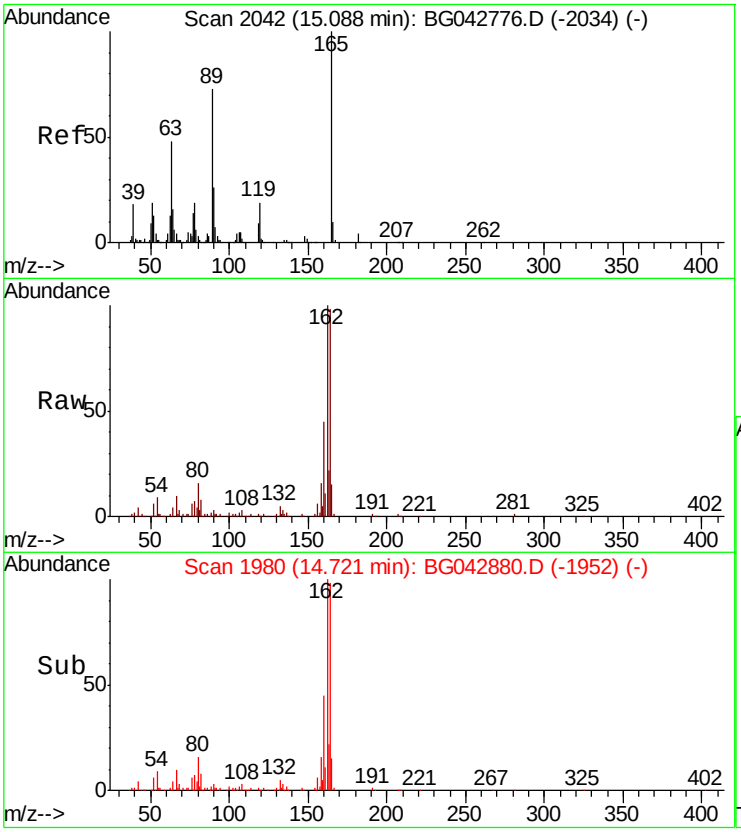


#51
2,6-Dinitrotoluene
Concen: 8.875 ng
RT: 14.72 min Scan# 1980
Delta R.T. 0.42 min
Lab File: BG042880.D
Acq: 17 Sep 2019 23:13

Tgt Ion:165 Resp: 19862

Ion	Ratio	Lower	Upper
165	100		
63	1.4	52.1	78.1#
89	2.3	51.7	77.5#



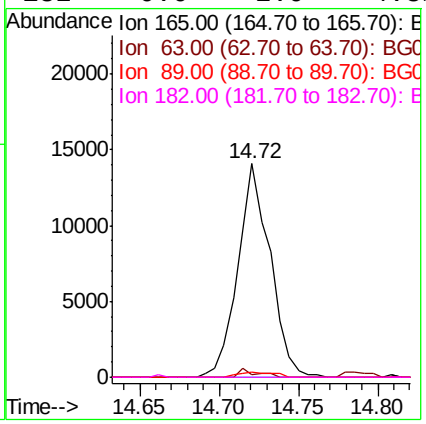


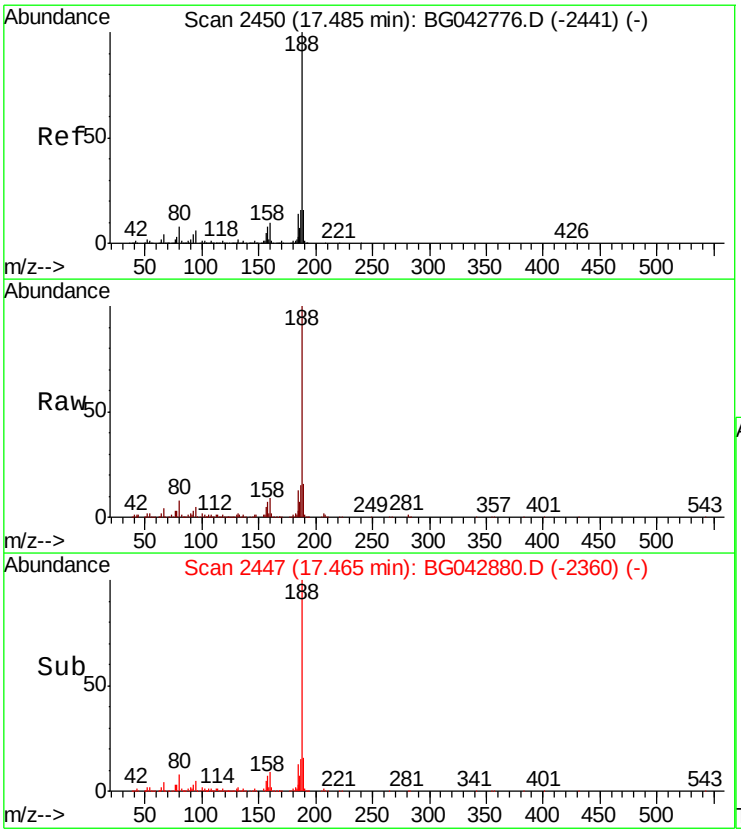
#57
2,4-Dinitrotoluene
Concen: 6.659 ng
RT: 14.72 min Scan# 1980
Delta R.T. -0.37 min
Lab File: BG042880.D
Acq: 17 Sep 2019 23:13

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 19862

Ion	Ratio	Lower	Upper
165	100		
63	1.4	38.3	57.5#
89	2.3	58.4	87.6#
182	0.0	2.9	4.3#

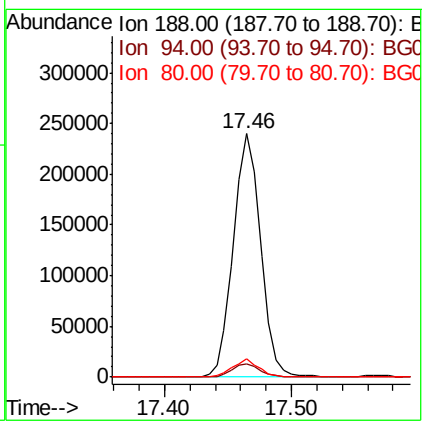


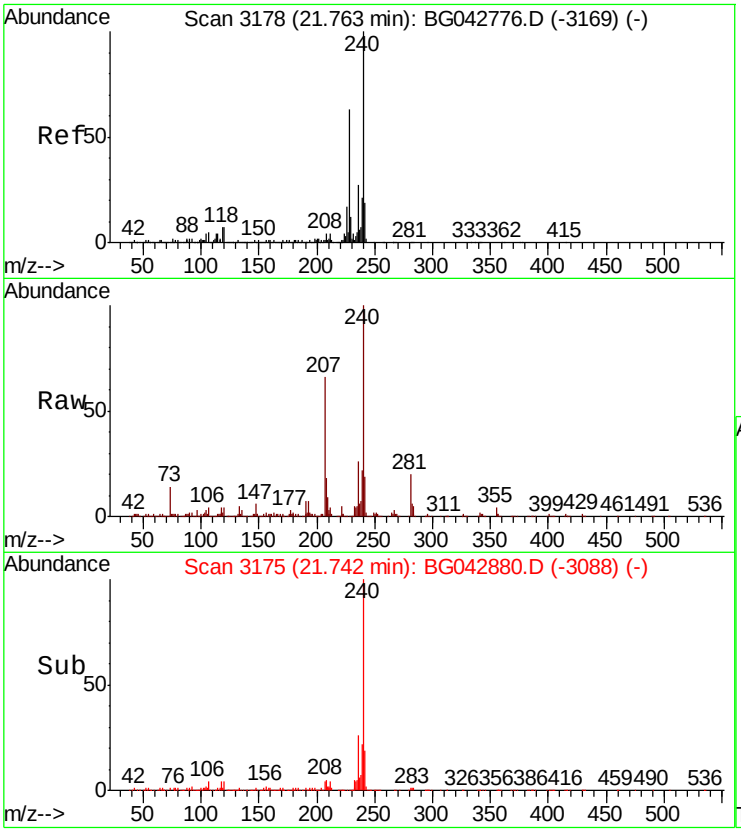


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.46 min Scan# 2447
Delta R.T. -0.02 min
Lab File: BG042880.D
Acq: 17 Sep 2019 23:13

Tgt Ion:188 Resp: 356244

Ion	Ratio	Lower	Upper
188	100		
94	5.4	4.8	7.2
80	7.7	6.6	9.8



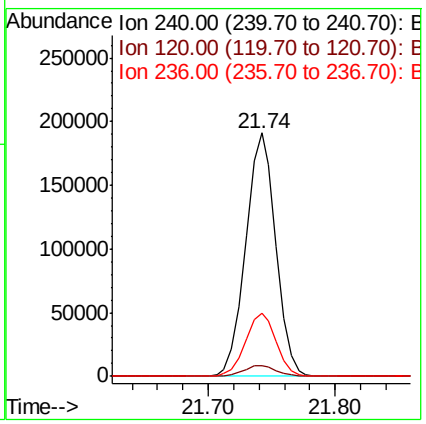


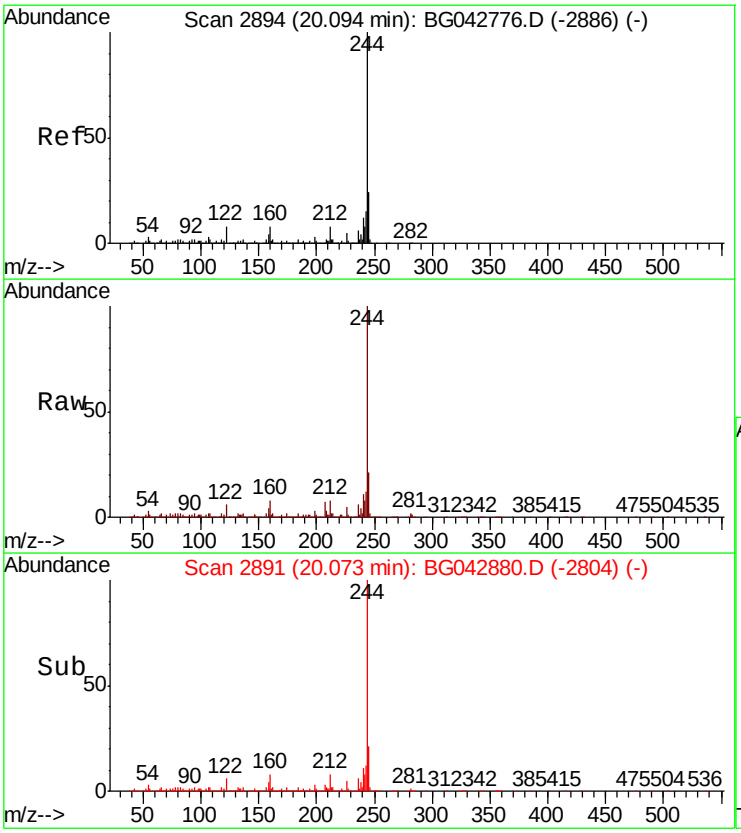
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.74 min Scan# 3175
Delta R.T. -0.02 min
Lab File: BG042880.D
Acq: 17 Sep 2019 23:13

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 314535

Ion	Ratio	Lower	Upper
240	100		
120	4.4	5.4	8.2#
236	25.8	21.7	32.5

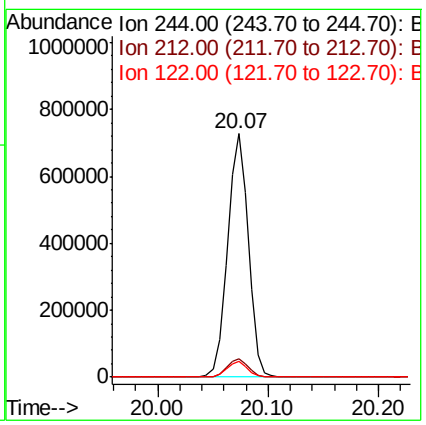


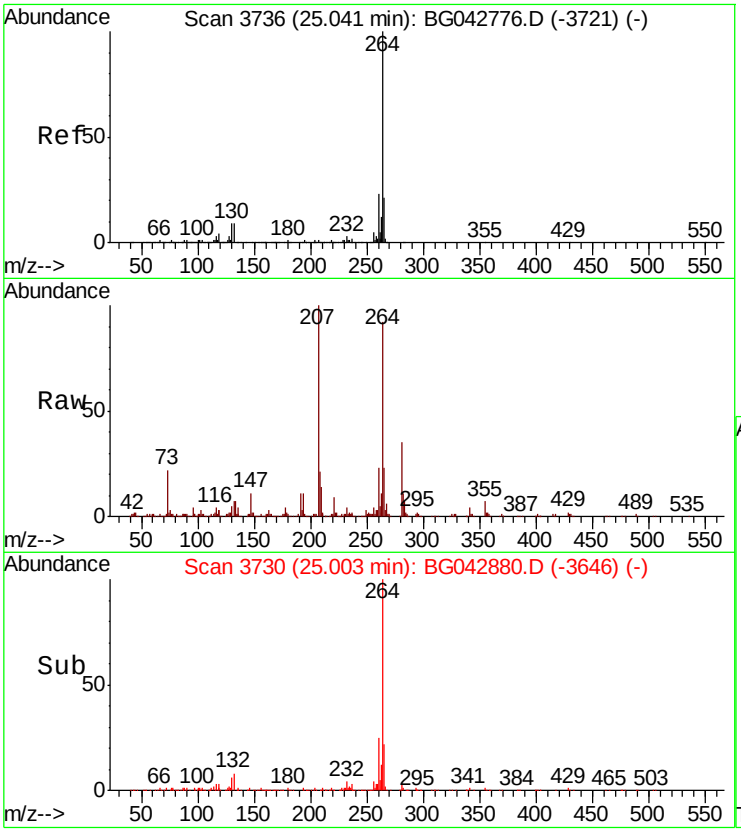


#79
Terphenyl-d14
Concen: 67.571 ng
RT: 20.07 min Scan# 2891
Delta R.T. -0.02 min
Lab File: BG042880.D
Acq: 17 Sep 2019 23:13

Tgt Ion:244 Resp: 958969

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.6	10.0
122	6.2	6.2	9.4#





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.00 min Scan# 3730
Delta R.T. -0.04 min
Lab File: BG042880.D
Acq: 17 Sep 2019 23:13

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 325662

Ion	Ratio	Lower	Upper
264	100		
260	25.5	18.2	27.2
265	25.1	16.9	25.3