Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011019\
Data File : BG039087.D
Acq On : 11 Jan 2019 13:35
Operator : JU/SJ
Sample : PB116318BL
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jan 11 15:06:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 09 14:23:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	22593	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	87723	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	63116	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	177287	20.00	ng	0.00
76) Chrysene-d12	21.69	240	196990	20.00	ng	-0.01
87) Perylene-d12	24.97	264	206953	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	122938	103.22	ng	0.00
7) Phenol-d6	7.18	99	167176	97.54	ng	0.00
23) Nitrobenzene-d5	9.20	82	93454	58.29	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	60506	57.19	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	282126	61.17	ng	0.00
79) Terphenyl-d14	20.02	244	620626	58.28	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.20	70	12208	10.846	ng	# 66
51) 2,6-Dinitrotoluene	14.66	165	8237	6.908	ng	# 24
57) 2,4-Dinitrotoluene	14.66	165	8237	4.815	ng	# 26

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011019\
Data File : BG039087.D
Acq On : 11 Jan 2019 13:35
Operator : JU/SJ
Sample : PB116318BL
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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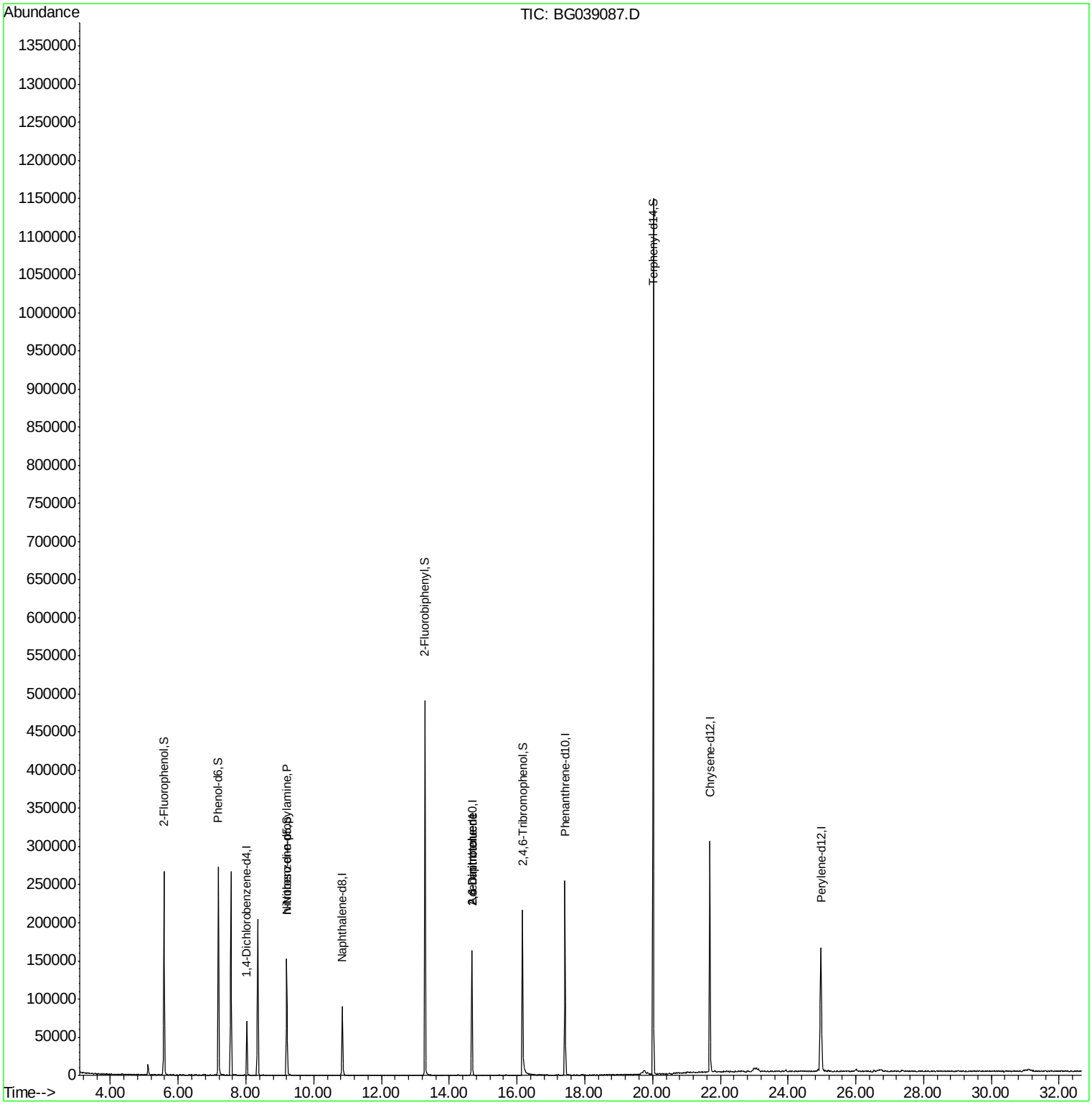
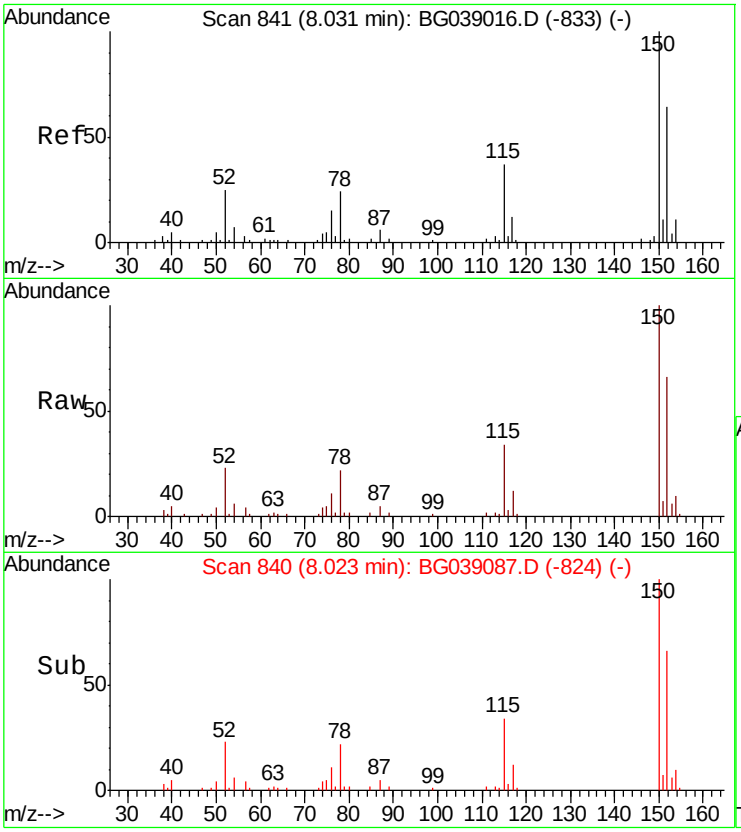


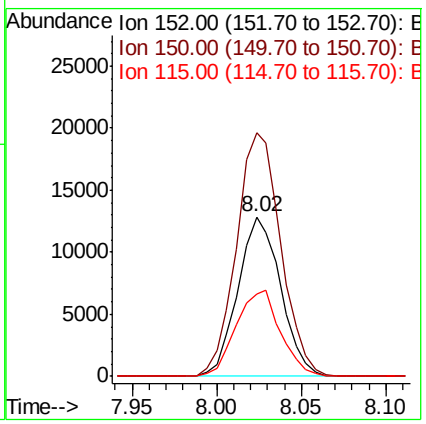


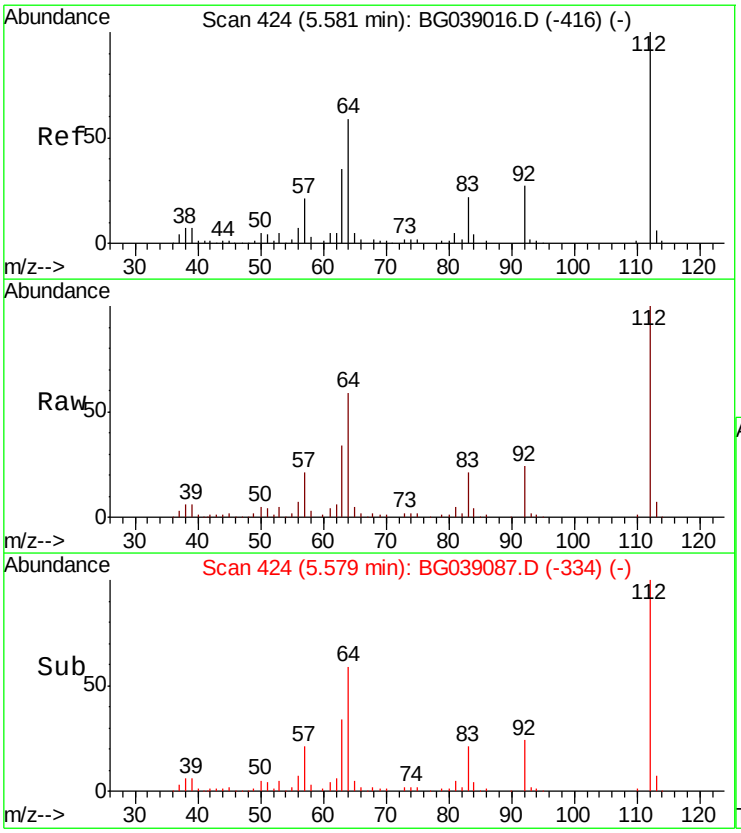
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.01 min
Lab File: BG039087.D
Acq: 11 Jan 2019 13:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 22593

Ion	Ratio	Lower	Upper
152	100		
150	152.5	124.7	187.1
115	51.6	46.5	69.7

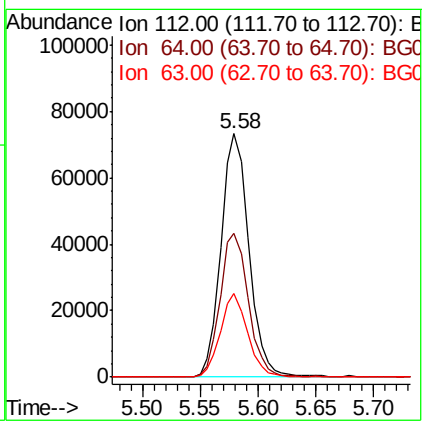


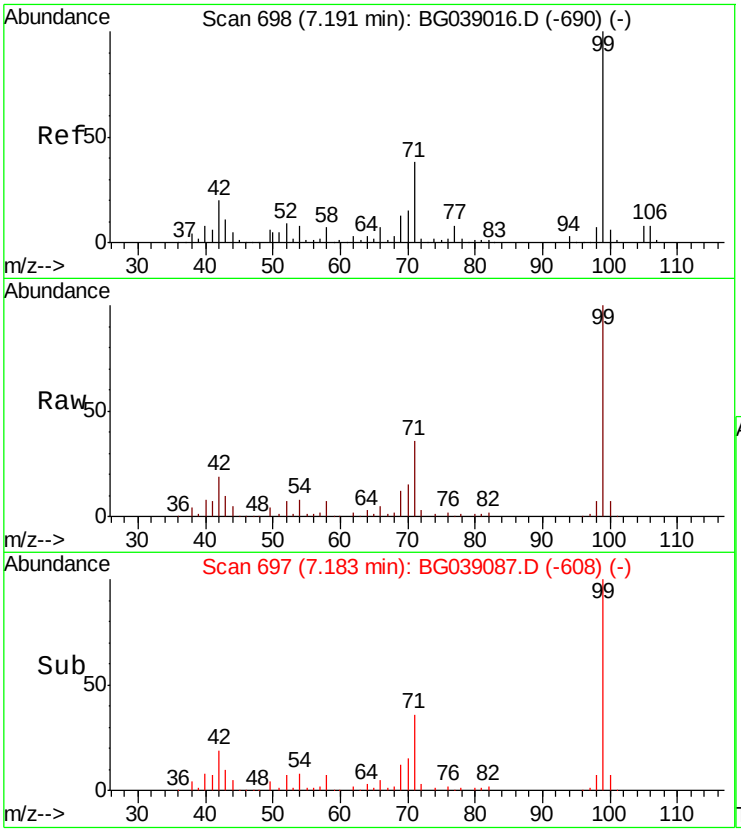


#5
2-Fluorophenol
Concen: 103.223 ng
RT: 5.58 min Scan# 424
Delta R.T. -0.00 min
Lab File: BG039087.D
Acq: 11 Jan 2019 13:35

Tgt Ion:112 Resp: 122938

Ion	Ratio	Lower	Upper
112	100		
64	58.9	47.0	70.6
63	34.4	28.0	42.0



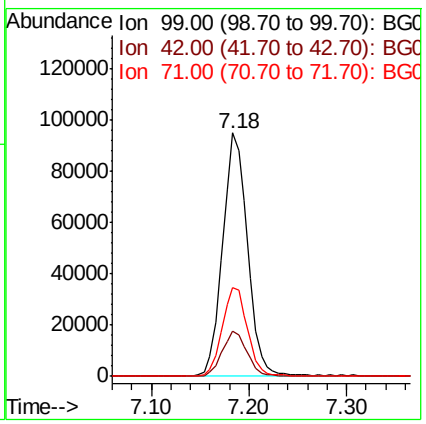


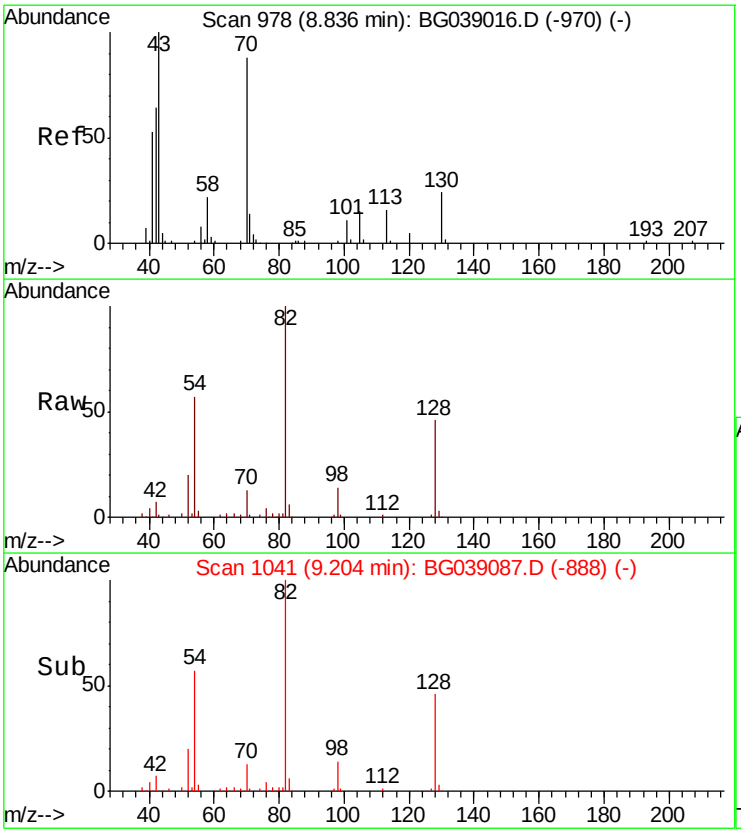
#7
Phenol-d6
Concen: 97.536 ng
RT: 7.18 min Scan# 697
Delta R.T. -0.01 min
Lab File: BG039087.D
Acq: 11 Jan 2019 13:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 167176

Ion	Ratio	Lower	Upper
99	100		
42	18.6	15.8	23.6
71	36.5	30.2	45.4

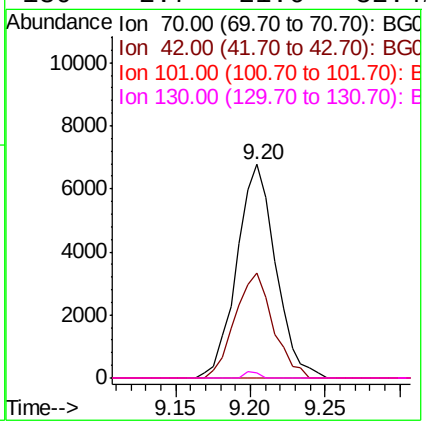


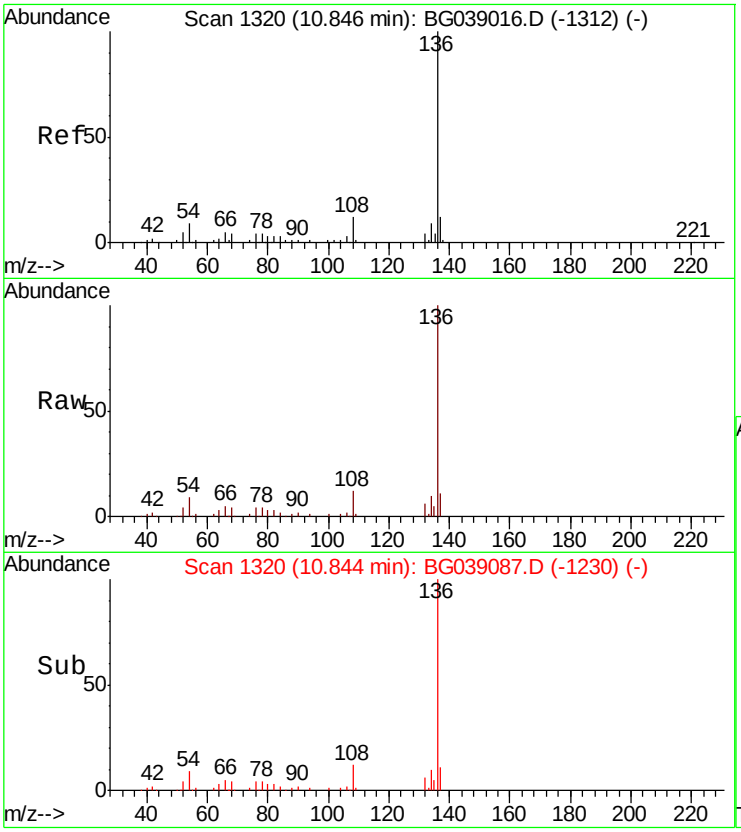


#19
n-Nitroso-di-n-propylamine
Concen: 10.846 ng
RT: 9.20 min Scan# 1041
Delta R.T. 0.37 min
Lab File: BG039087.D
Acq: 11 Jan 2019 13:35

Tgt Ion: 70 Resp: 12208

Ion	Ratio	Lower	Upper
70	100		
42	49.4	59.0	88.4#
101	0.0	10.4	15.6#
130	2.7	21.6	32.4#



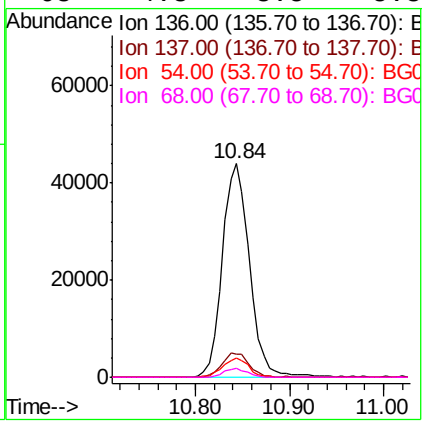


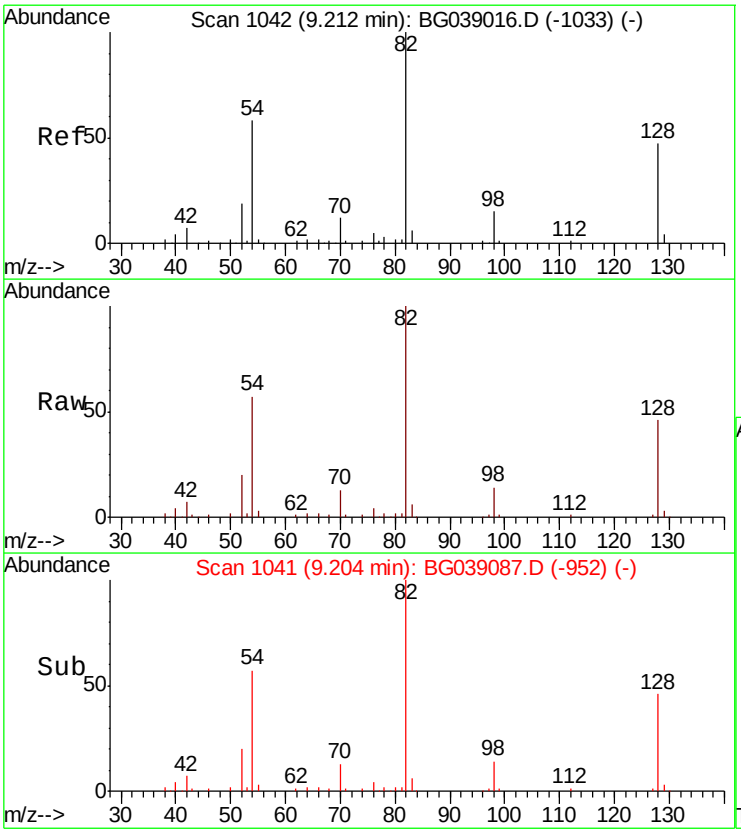
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BG039087.D
Acq: 11 Jan 2019 13:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 87723

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.4	14.2
54	9.2	7.2	10.8
68	4.8	3.5	5.3

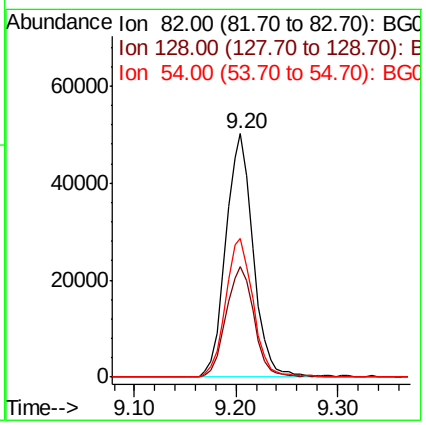


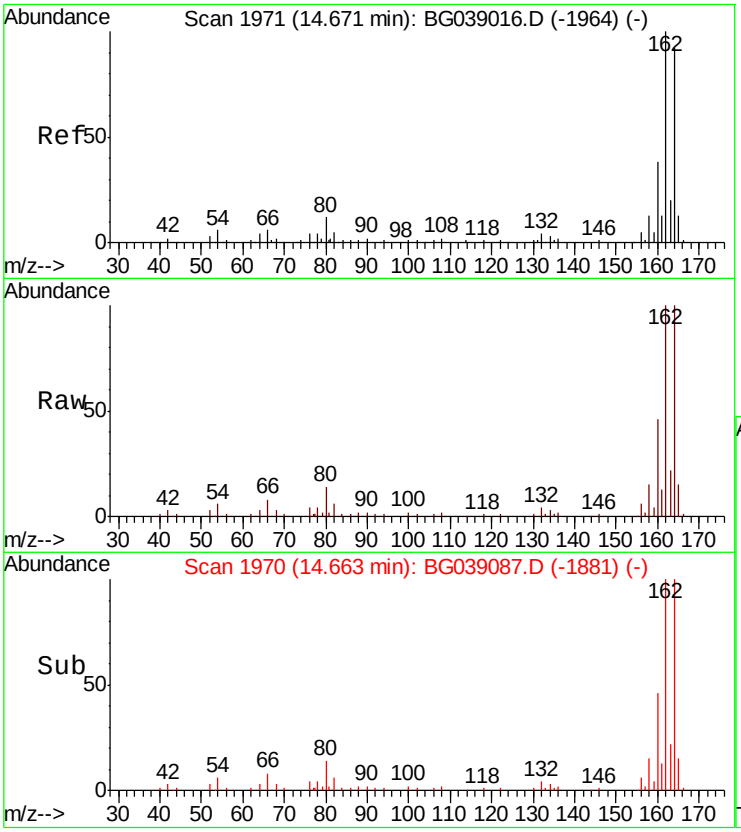


#23
Nitrobenzene-d5
Concen: 58.294 ng
RT: 9.20 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG039087.D
Acq: 11 Jan 2019 13:35

Tgt Ion: 82 Resp: 93454

Ion	Ratio	Lower	Upper
82	100		
128	45.6	37.3	55.9
54	56.9	46.4	69.6



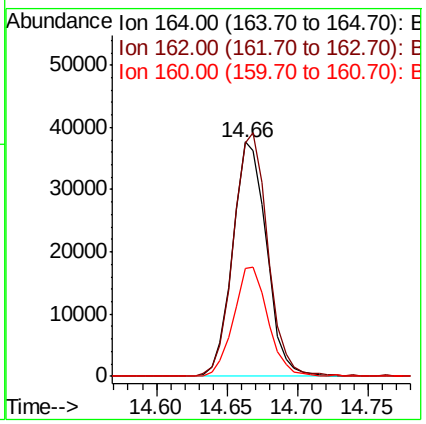


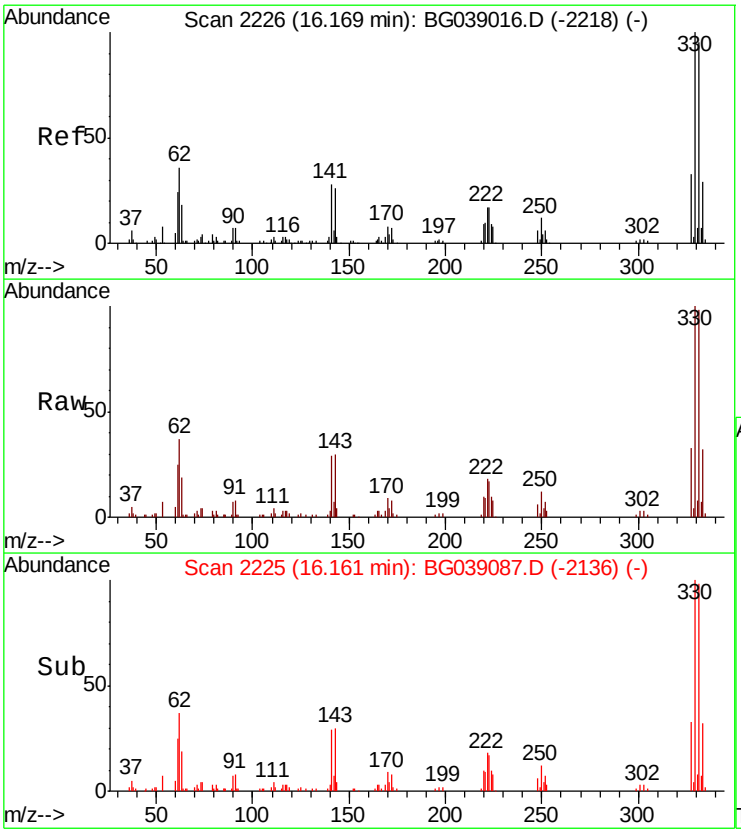
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BG039087.D
Acq: 11 Jan 2019 13:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 63116

Ion	Ratio	Lower	Upper
164	100		
162	99.9	87.2	130.8
160	46.4	33.3	49.9

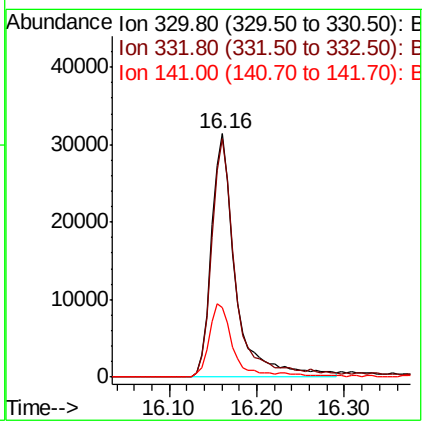


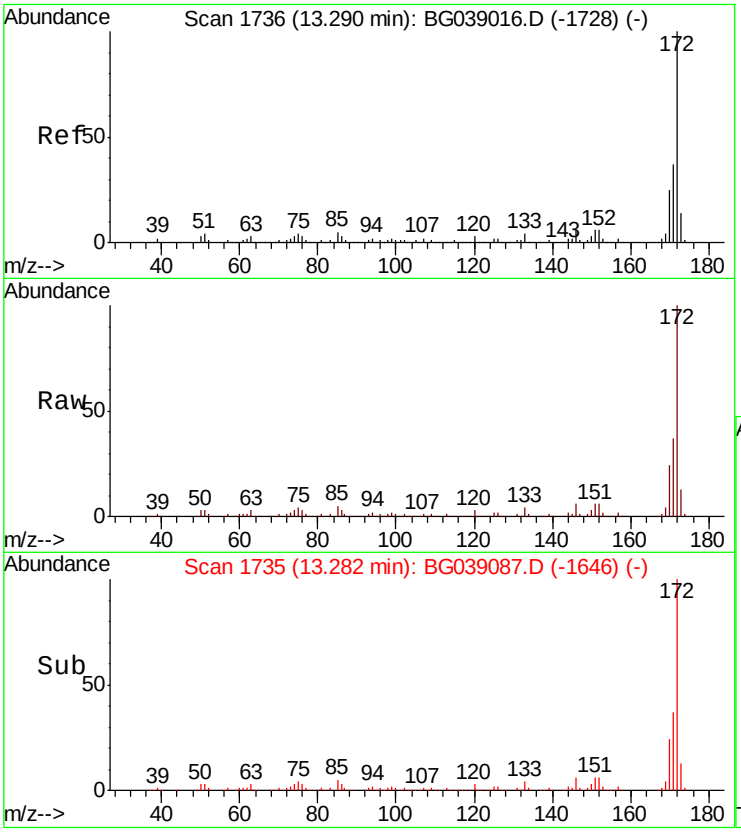


#42
2,4,6-Tribromophenol
Concen: 57.189 ng
RT: 16.16 min Scan# 2225
Delta R.T. -0.01 min
Lab File: BG039087.D
Acq: 11 Jan 2019 13:35

Tgt Ion:330 Resp: 60506

Ion	Ratio	Lower	Upper
330	100		
332	97.6	75.7	113.5
141	28.6	24.9	37.3



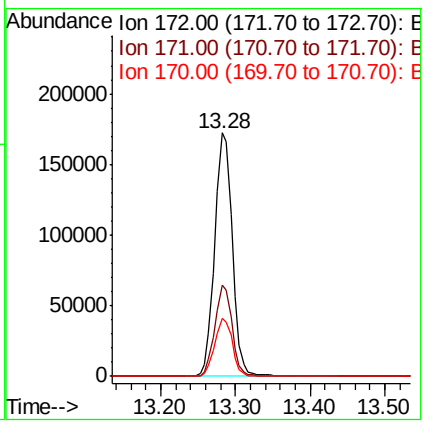


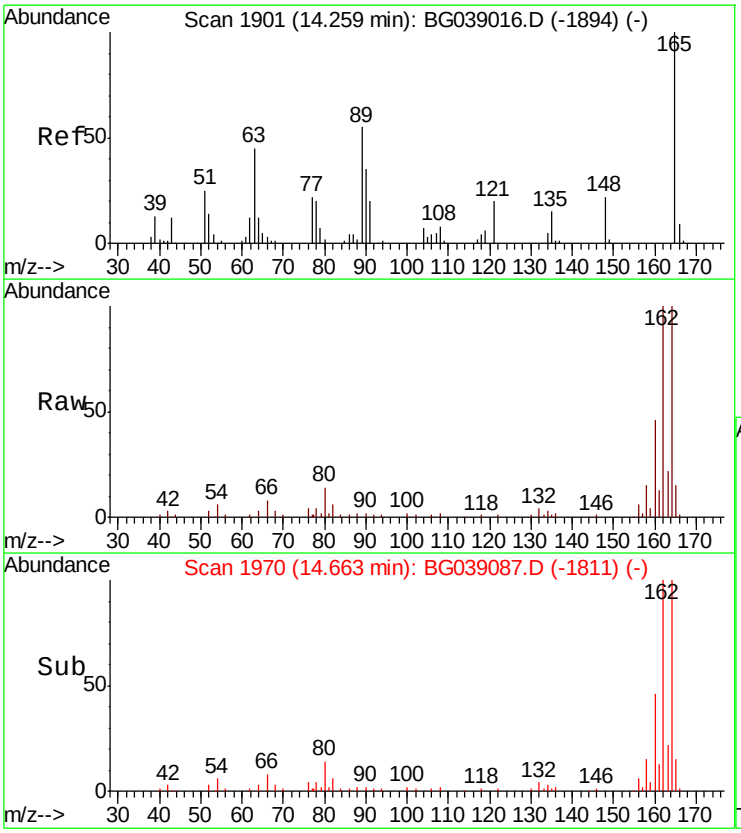
#45
2-Fluorobiphenyl
Concen: 61.174 ng
RT: 13.28 min Scan# 1735
Delta R.T. -0.01 min
Lab File: BG039087.D
Acq: 11 Jan 2019 13:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 282126

Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.4	44.0
170	23.7	20.1	30.1

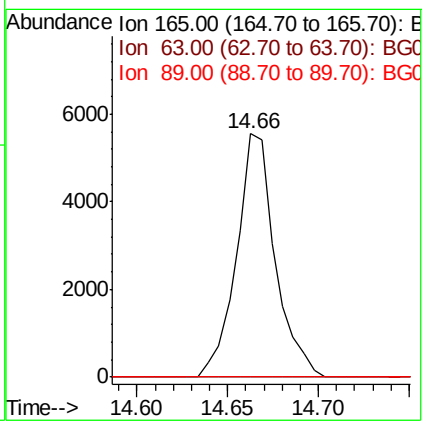


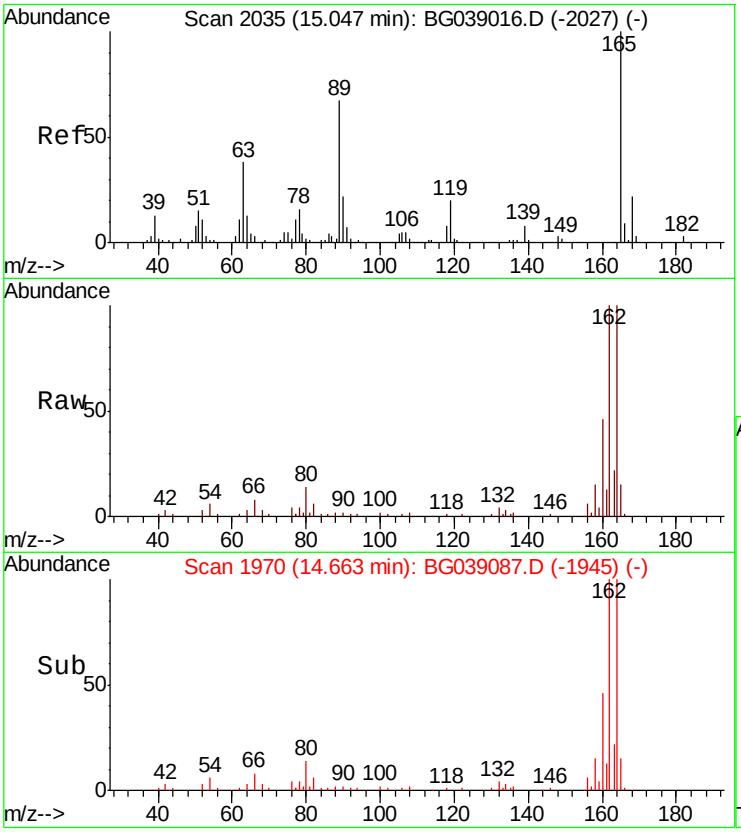


#51
2,6-Dinitrotoluene
Concen: 6.908 ng
RT: 14.66 min Scan# 1970
Delta R.T. 0.40 min
Lab File: BG039087.D
Acq: 11 Jan 2019 13:35

Tgt Ion:165 Resp: 8237

Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.6	65.4#
89	0.0	43.7	65.5#



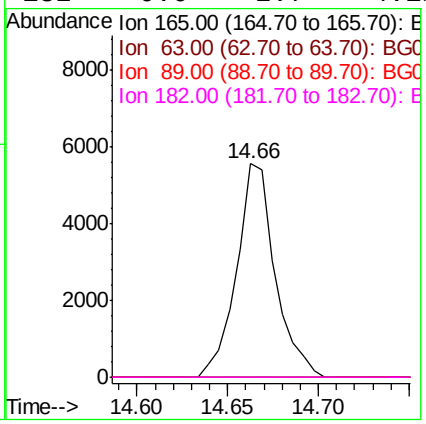


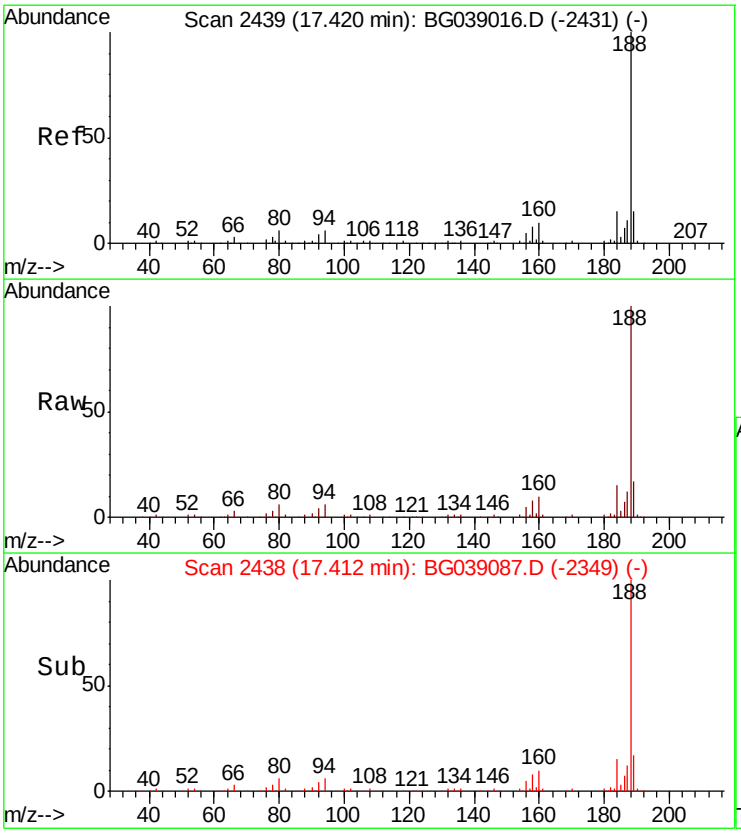
#57
2,4-Dinitrotoluene
Concen: 4.815 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.38 min
Lab File: BG039087.D
Acq: 11 Jan 2019 13:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 8237

Ion	Ratio	Lower	Upper
165	100		
63	0.0	30.2	45.4#
89	0.0	53.2	79.8#
182	0.0	2.7	4.1#

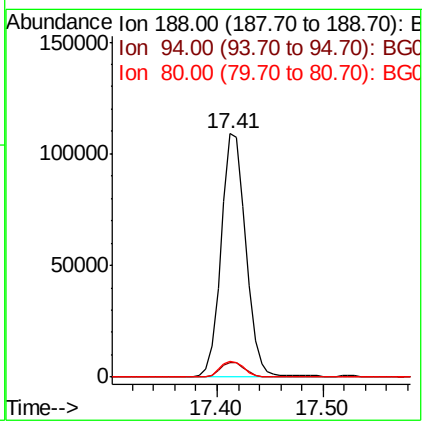


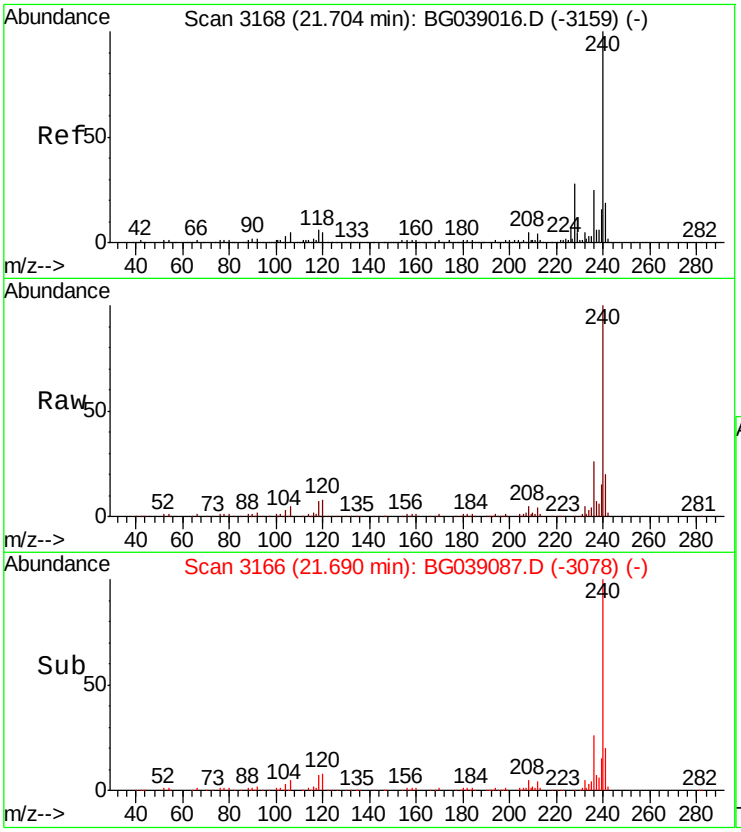


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG039087.D
Acq: 11 Jan 2019 13:35

Tgt Ion:188 Resp: 177287

Ion	Ratio	Lower	Upper
188	100		
94	6.0	5.0	7.4
80	6.4	4.7	7.1



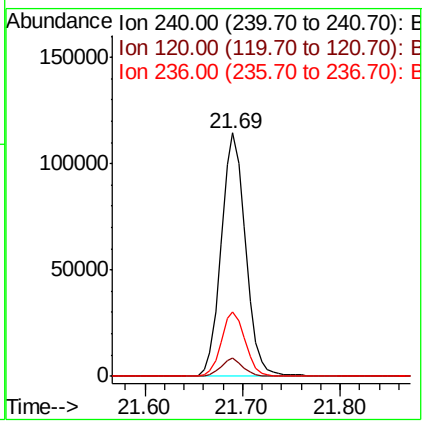


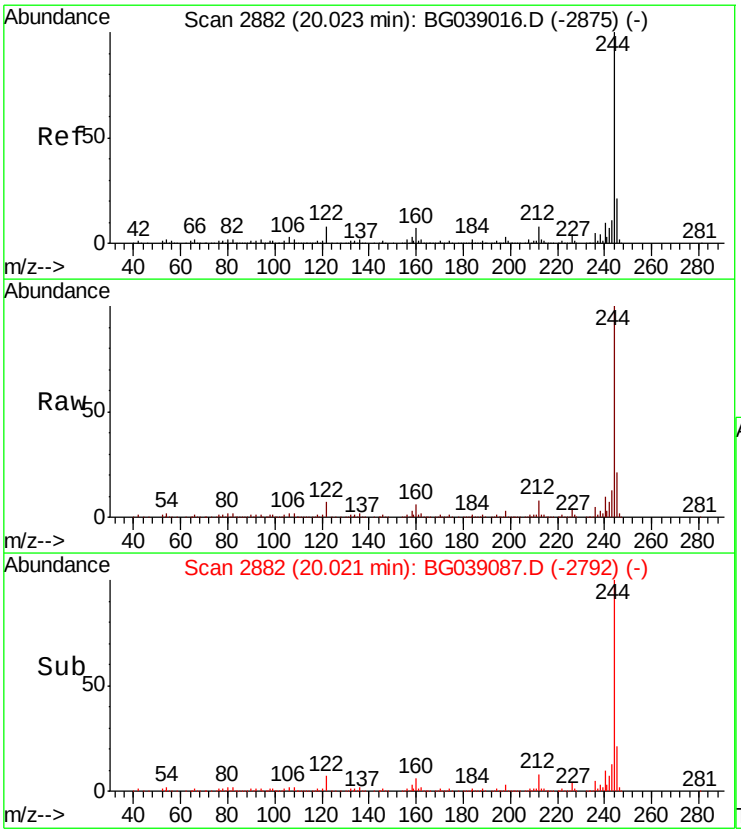
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.01 min
Lab File: BG039087.D
Acq: 11 Jan 2019 13:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 196990

Ion	Ratio	Lower	Upper
240	100		
120	7.5	4.3	6.5#
236	26.5	20.1	30.1

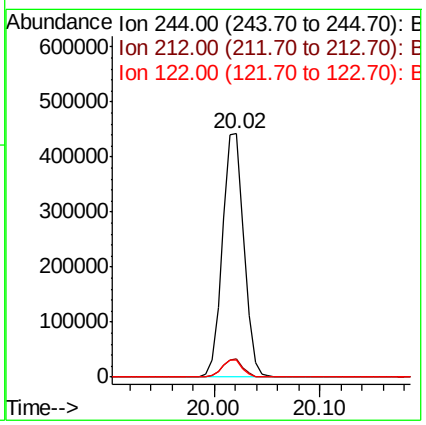


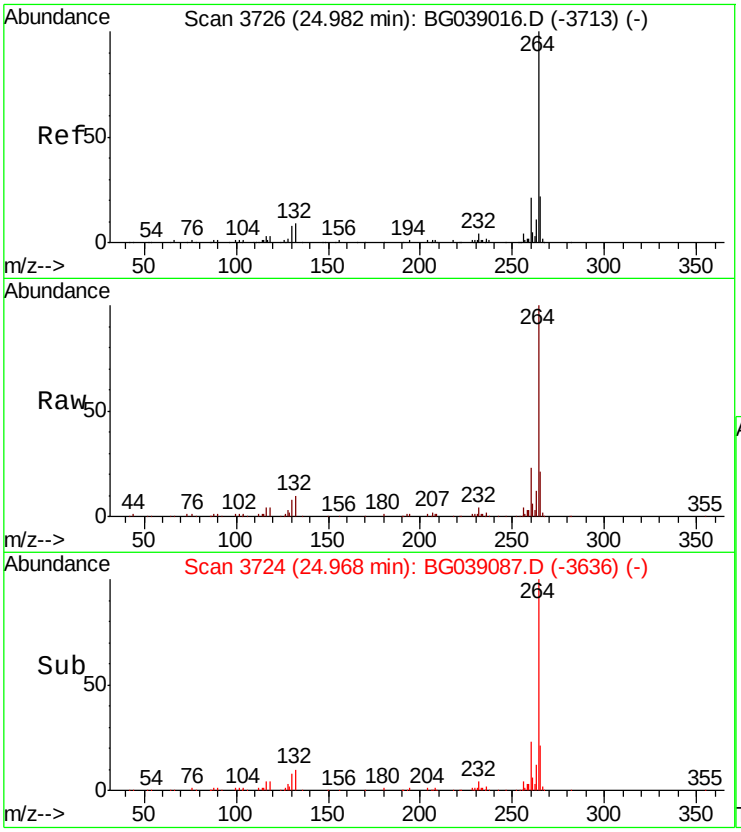


#79
Terphenyl-d14
Concen: 58.282 ng
RT: 20.02 min Scan# 2882
Delta R.T. -0.00 min
Lab File: BG039087.D
Acq: 11 Jan 2019 13:35

Tgt Ion:244 Resp: 620626

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.1	9.1
122	6.9	6.1	9.1





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.97 min Scan# 3724
Delta R.T. -0.01 min
Lab File: BG039087.D
Acq: 11 Jan 2019 13:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 206953

Ion	Ratio	Lower	Upper
264	100		
260	22.7	17.0	25.6
265	21.2	17.2	25.8