Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG040219\
Data File : BG040320.D
Acq On : 3 Apr 2019 8:47
Operator : JU/SJ
Sample : PB118519BL
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 03 16:17:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 28 05:47:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	55193	20.00	ng	-0.02
21) Naphthalene-d8	10.87	136	236582	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	174880	20.00	ng	-0.02
64) Phenanthrene-d10	17.43	188	445589	20.00	ng	-0.02
76) Chrysene-d12	21.71	240	445125	20.00	ng	-0.02
87) Perylene-d12	25.01	264	453449	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	342323	103.11	ng	-0.01
7) Phenol-d6	7.21	99	481855	105.02	ng	-0.02
23) Nitrobenzene-d5	9.23	82	271794	61.06	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	108890	57.61	ng	-0.02
45) 2-Fluorobiphenyl	13.31	172	707965	59.99	ng	-0.02
79) Terphenyl-d14	20.03	244	1216152	61.46	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.23	70	33947	10.319	ng	# 73
51) 2,6-Dinitrotoluene	14.68	165	21650	7.045	ng	# 25
57) 2,4-Dinitrotoluene	14.68	165	21650	5.070	ng	# 25

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

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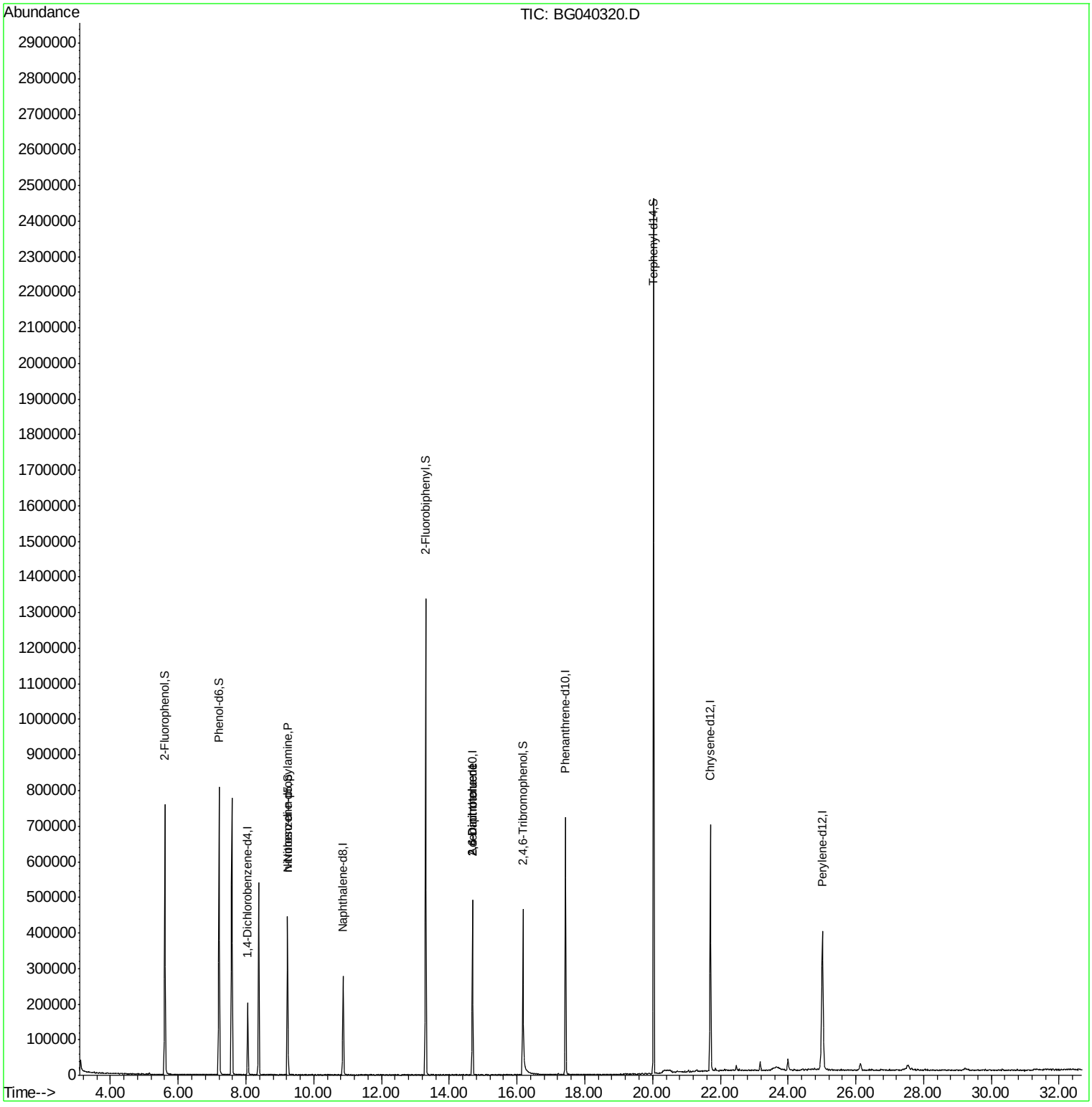
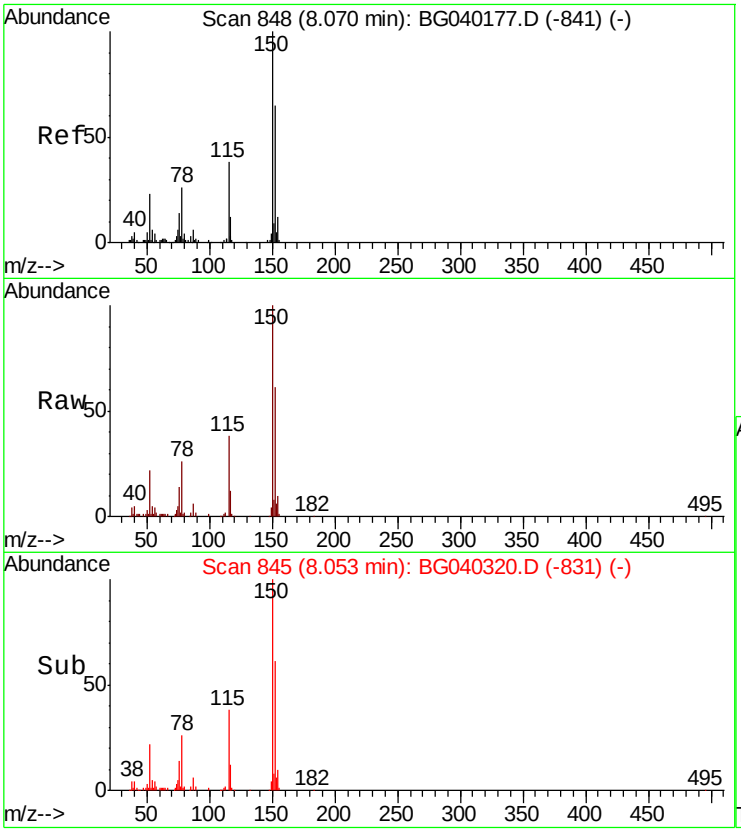
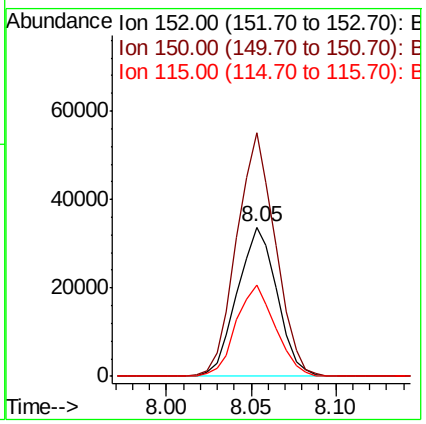




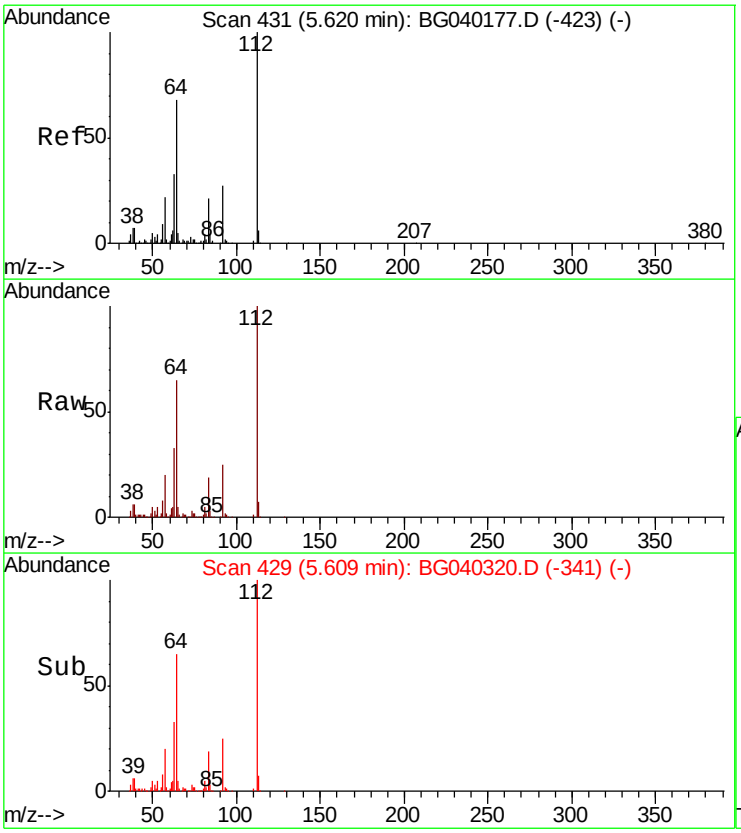
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.02 min
Lab File: BG040320.D
Acq: 3 Apr 2019 8:47

Tgt Ion:152 Resp: 55193

Ion	Ratio	Lower	Upper
152	100		
150	163.4	123.7	185.5
115	61.3	46.9	70.3



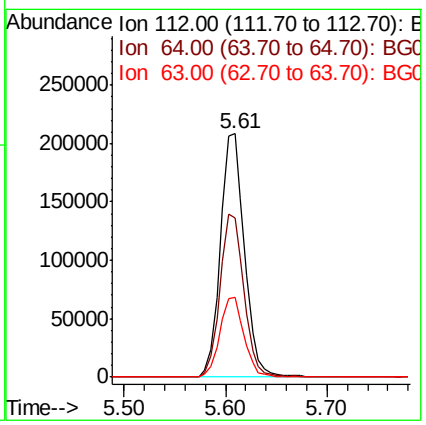
Instrument :
BNA_F
ClientSampleId :

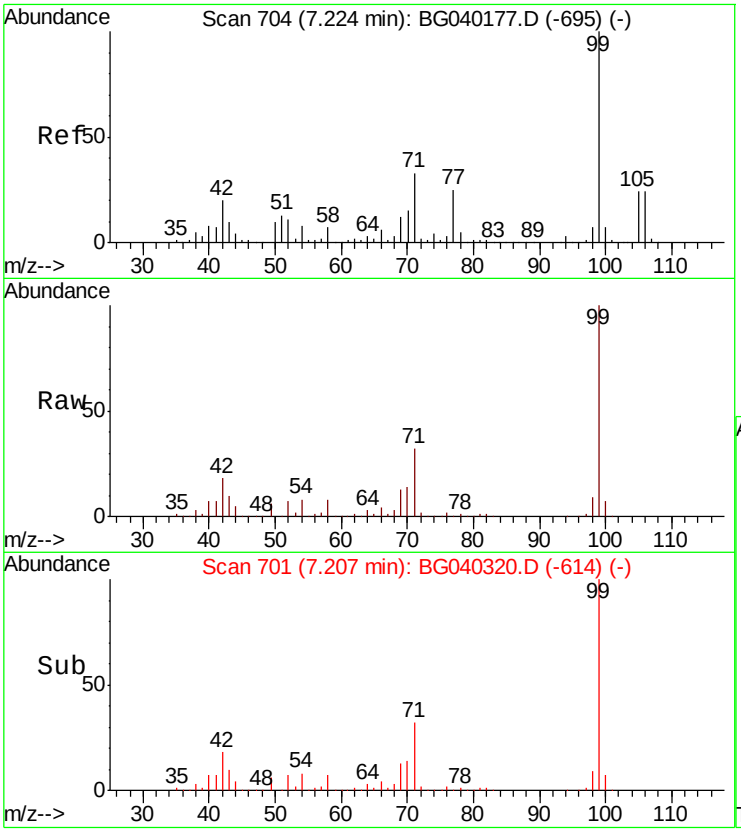


#5
2-Fluorophenol
Concen: 103.108 ng
RT: 5.61 min Scan# 429
Delta R.T. -0.01 min
Lab File: BG040320.D
Acq: 3 Apr 2019 8:47

Tgt Ion:112 Resp: 342323

Ion	Ratio	Lower	Upper
112	100		
64	65.4	54.2	81.2
63	33.0	26.4	39.6



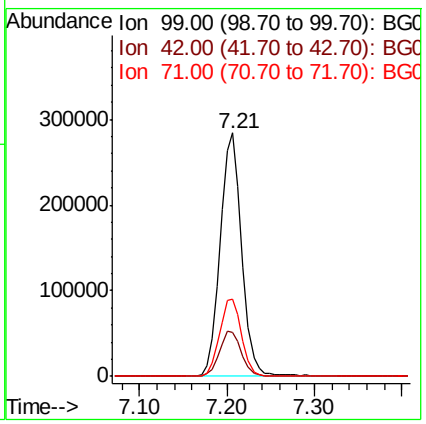


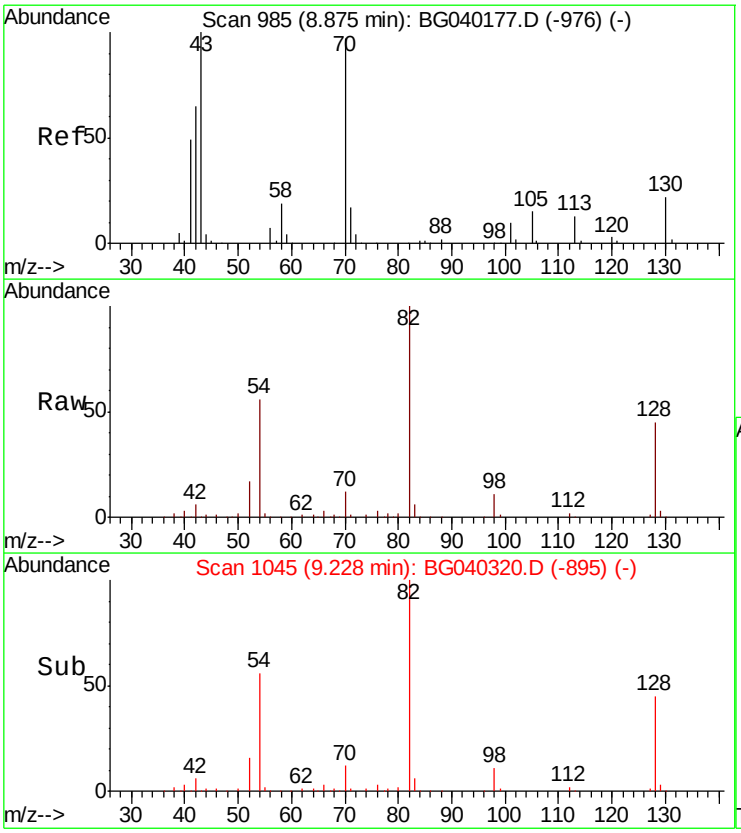
#7
Phenol-d6
Concen: 105.017 ng
RT: 7.21 min Scan# 701
Delta R.T. -0.02 min
Lab File: BG040320.D
Acq: 3 Apr 2019 8:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 481855

Ion	Ratio	Lower	Upper
99	100		
42	18.3	16.2	24.2
71	31.6	26.8	40.2

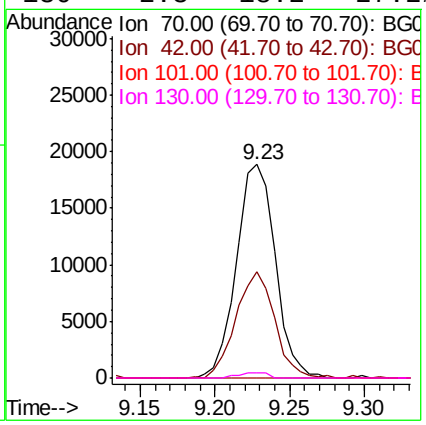


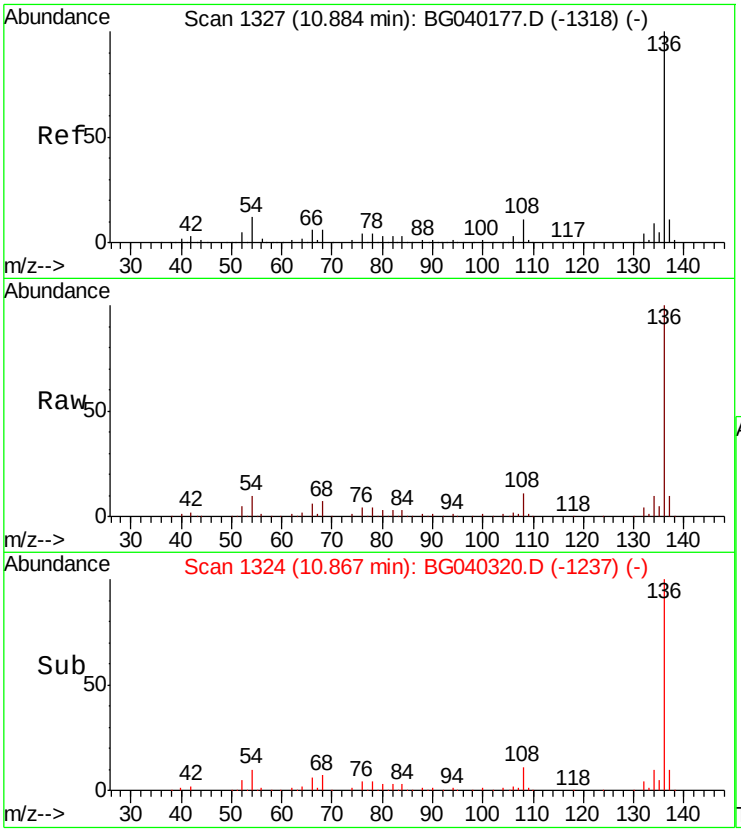


#19
n-Nitroso-di-n-propylamine
Concen: 10.319 ng
RT: 9.23 min Scan# 1045
Delta R.T. 0.35 min
Lab File: BG040320.D
Acq: 3 Apr 2019 8:47

Tgt Ion: 70 Resp: 33947

Ion	Ratio	Lower	Upper
70	100		
42	49.7	54.0	81.0#
101	0.0	8.6	13.0#
130	2.3	18.2	27.2#



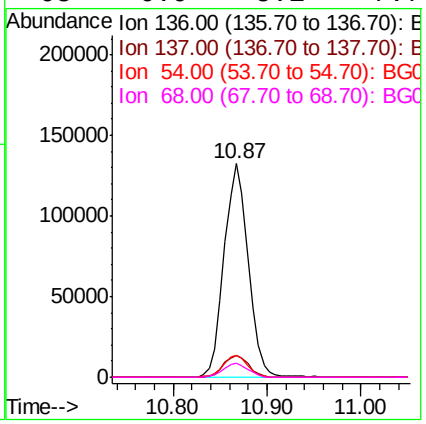


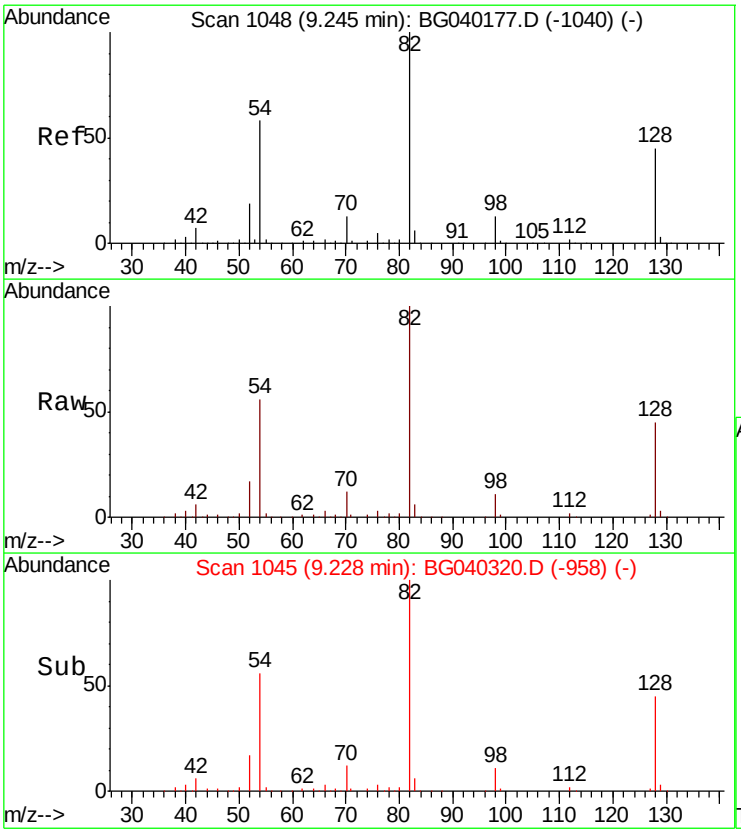
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.02 min
Lab File: BG040320.D
Acq: 3 Apr 2019 8:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 236582

Ion	Ratio	Lower	Upper
136	100		
137	10.1	8.9	13.3
54	10.1	9.6	14.4
68	6.9	5.1	7.7

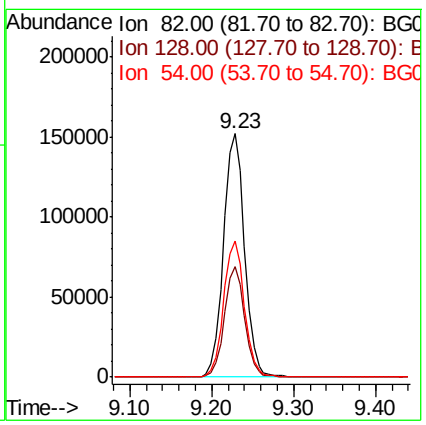


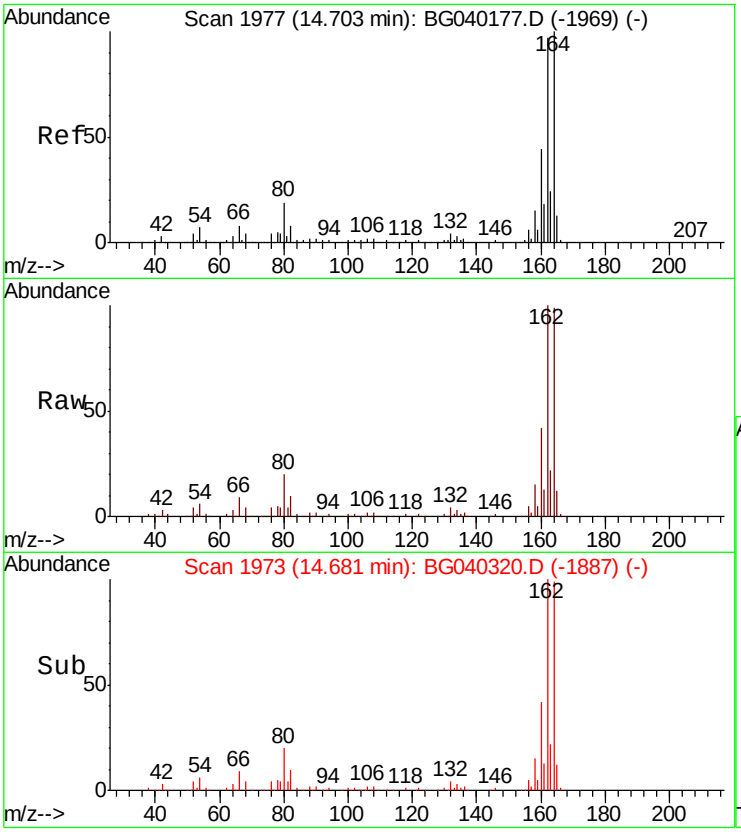


#23
Nitrobenzene-d5
Concen: 61.065 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.02 min
Lab File: BG040320.D
Acq: 3 Apr 2019 8:47

Tgt Ion: 82 Resp: 271794

Ion	Ratio	Lower	Upper
82	100		
128	45.2	35.8	53.8
54	56.0	46.2	69.2



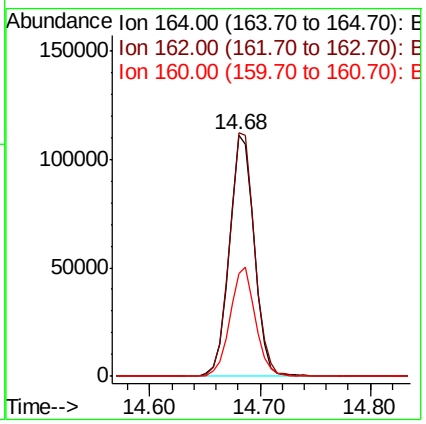


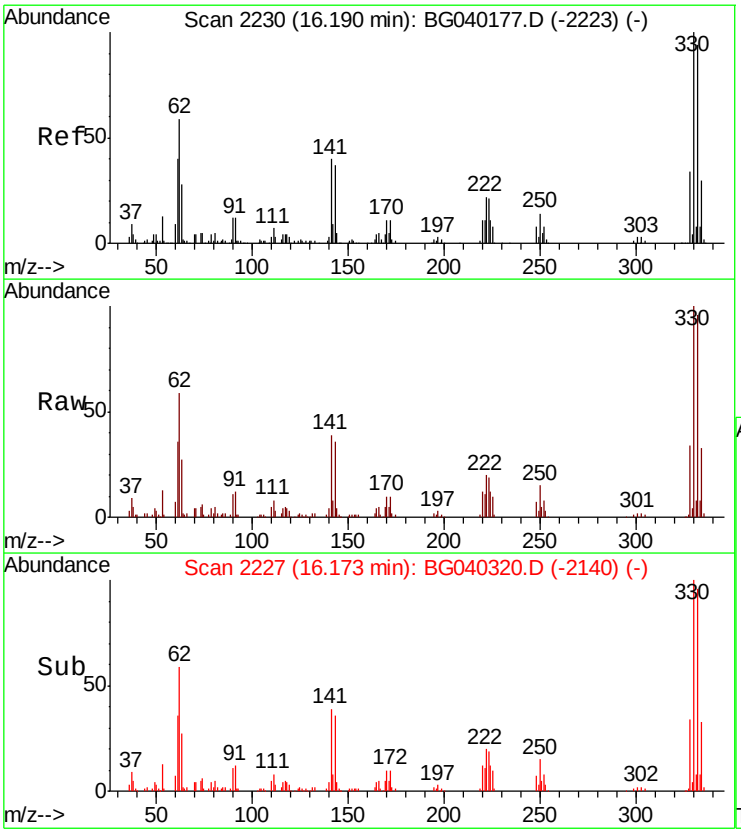
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.02 min
Lab File: BG040320.D
Acq: 3 Apr 2019 8:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 174880

Ion	Ratio	Lower	Upper
164	100		
162	100.7	77.4	116.2
160	42.6	35.3	52.9

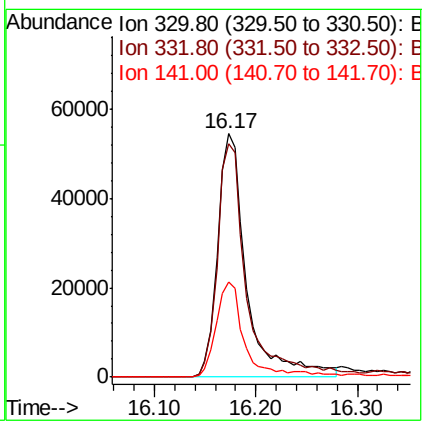


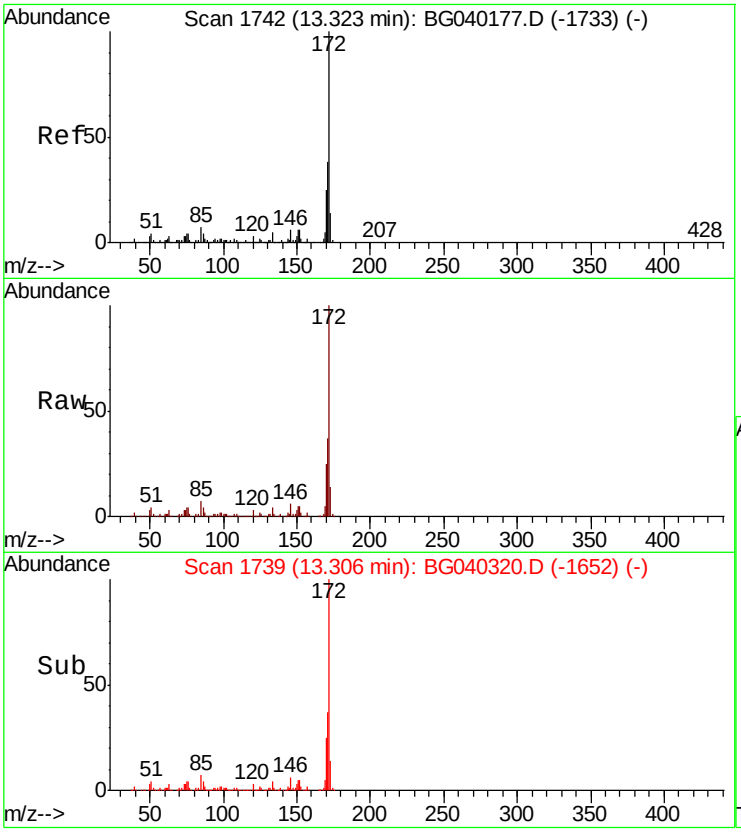


#42
2,4,6-Tribromophenol
Concen: 57.614 ng
RT: 16.17 min Scan# 2227
Delta R.T. -0.02 min
Lab File: BG040320.D
Acq: 3 Apr 2019 8:47

Tgt Ion:330 Resp: 108890

Ion	Ratio	Lower	Upper
330	100		
332	97.9	76.6	115.0
141	36.0	32.6	48.8



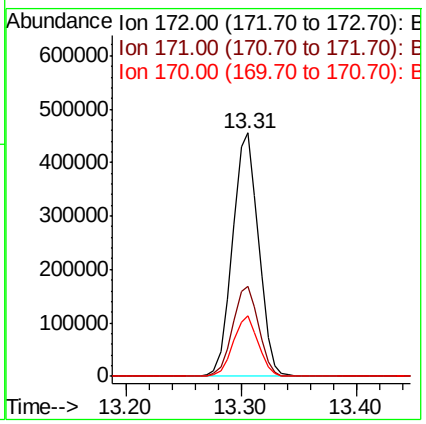


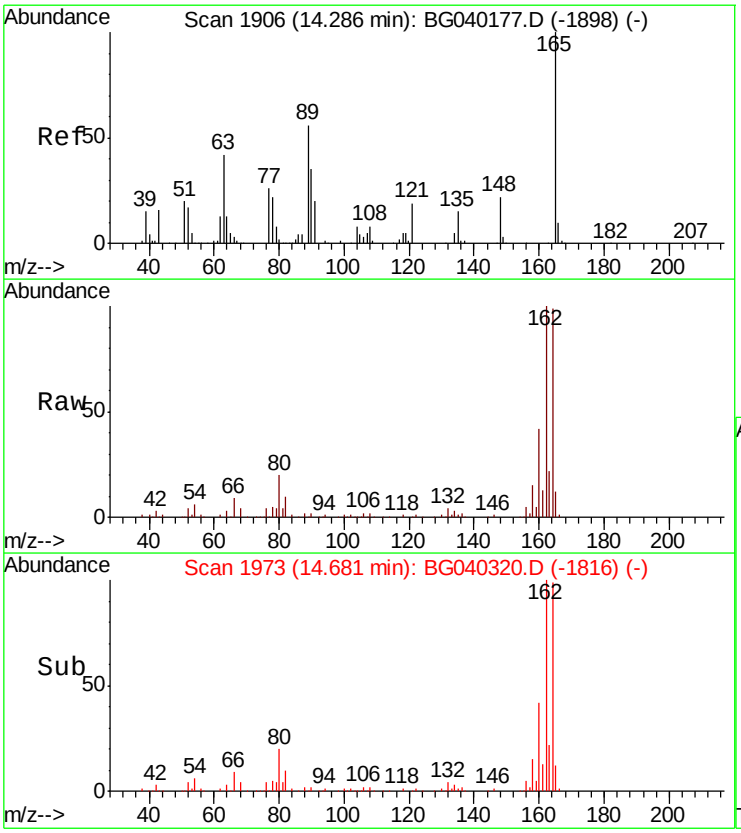
#45
2-Fluorobiphenyl
Concen: 59.986 ng
RT: 13.31 min Scan# 1739
Delta R.T. -0.02 min
Lab File: BG040320.D
Acq: 3 Apr 2019 8:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 707965

Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.5	45.7
170	25.1	20.1	30.1

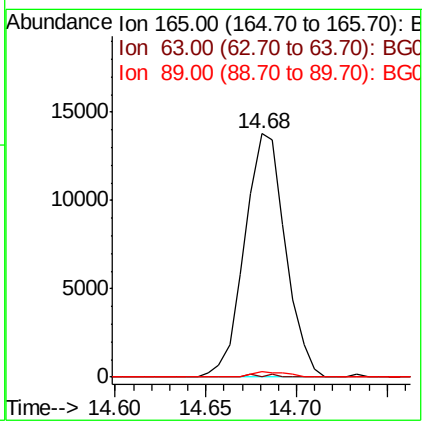


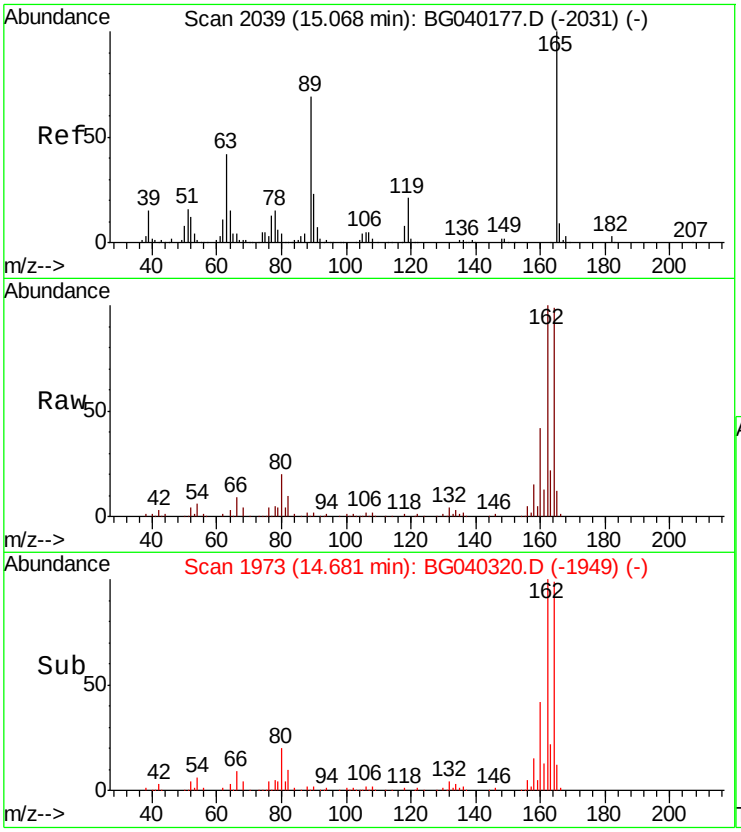


#51
2,6-Dinitrotoluene
Concen: 7.045 ng
RT: 14.68 min Scan# 1973
Delta R.T. 0.39 min
Lab File: BG040320.D
Acq: 3 Apr 2019 8:47

Tgt Ion:165 Resp: 21650

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.1	66.1#
89	2.1	44.9	67.3#



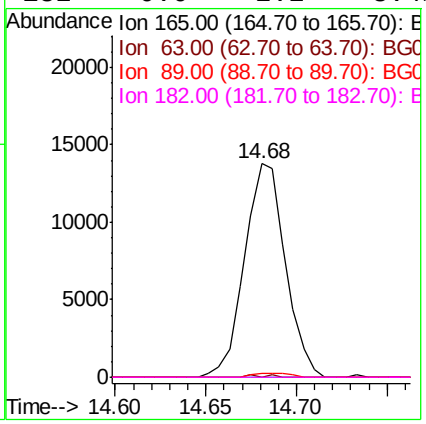


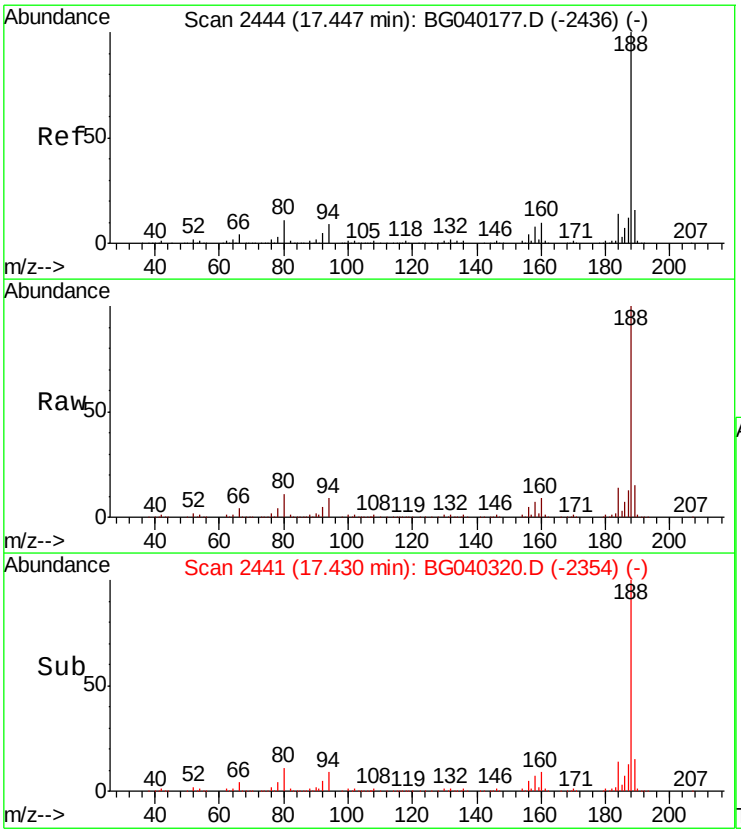
#57
2,4-Dinitrotoluene
Concen: 5.070 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.39 min
Lab File: BG040320.D
Acq: 3 Apr 2019 8:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 21650

Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.8	50.6#
89	2.1	55.4	83.2#
182	0.0	2.2	3.4#

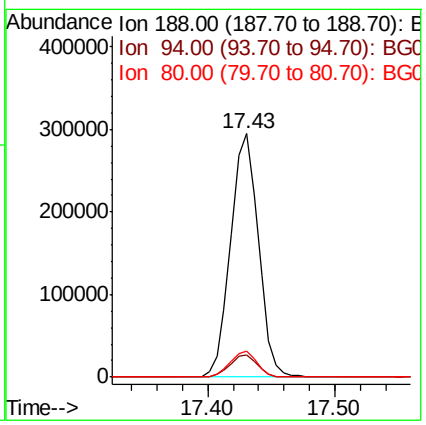


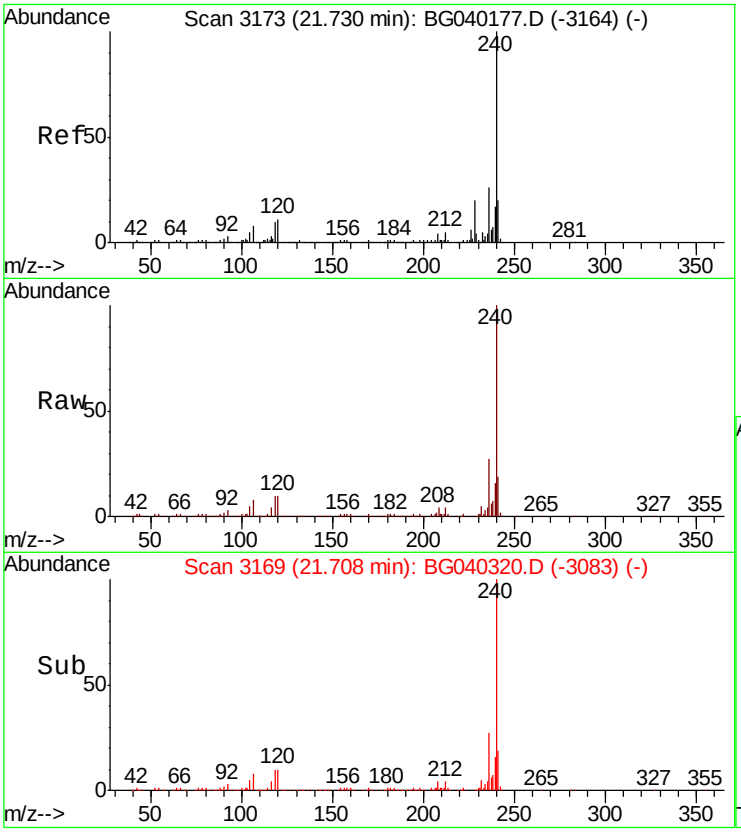


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.02 min
Lab File: BG040320.D
Acq: 3 Apr 2019 8:47

Tgt Ion:188 Resp: 445589

Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.0	10.4
80	10.7	8.6	13.0



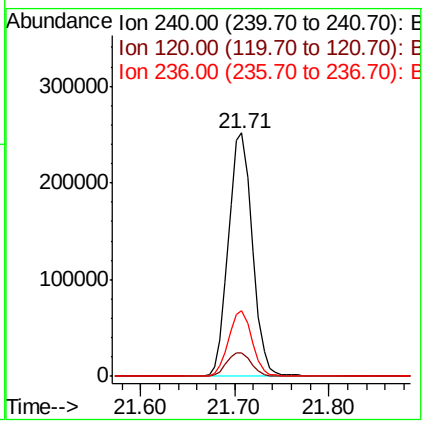


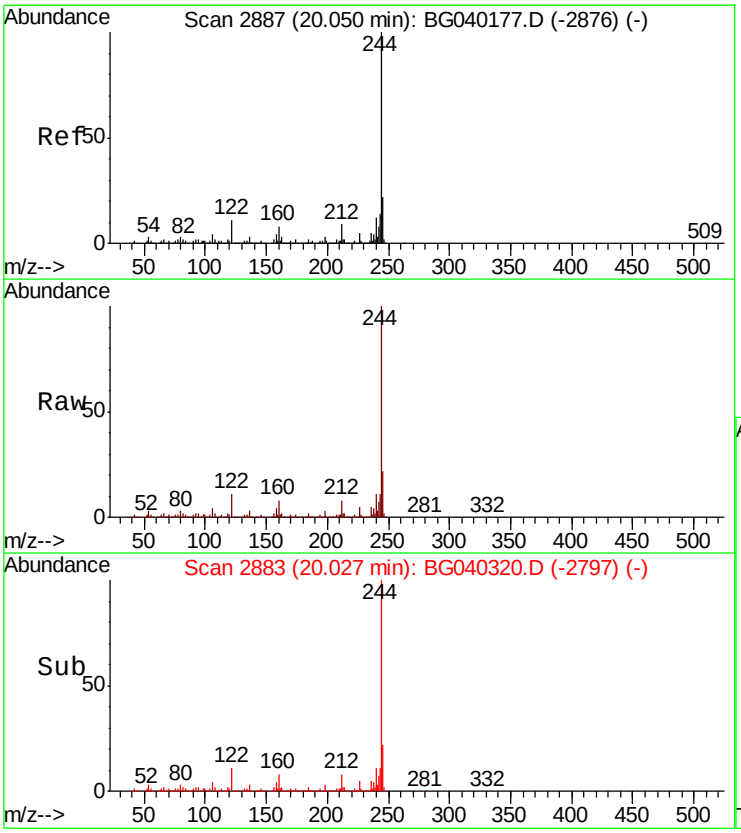
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.71 min Scan# 3169
Delta R.T. -0.02 min
Lab File: BG040320.D
Acq: 3 Apr 2019 8:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 445125

Ion	Ratio	Lower	Upper
240	100		
120	9.6	8.4	12.6
236	26.8	20.8	31.2

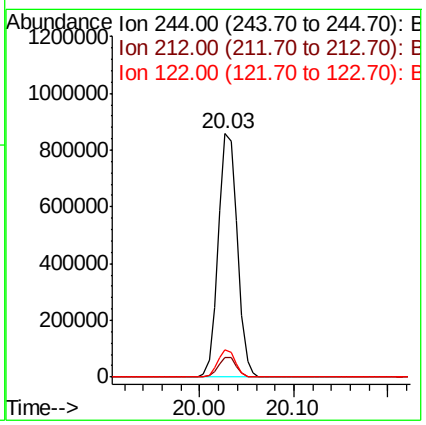


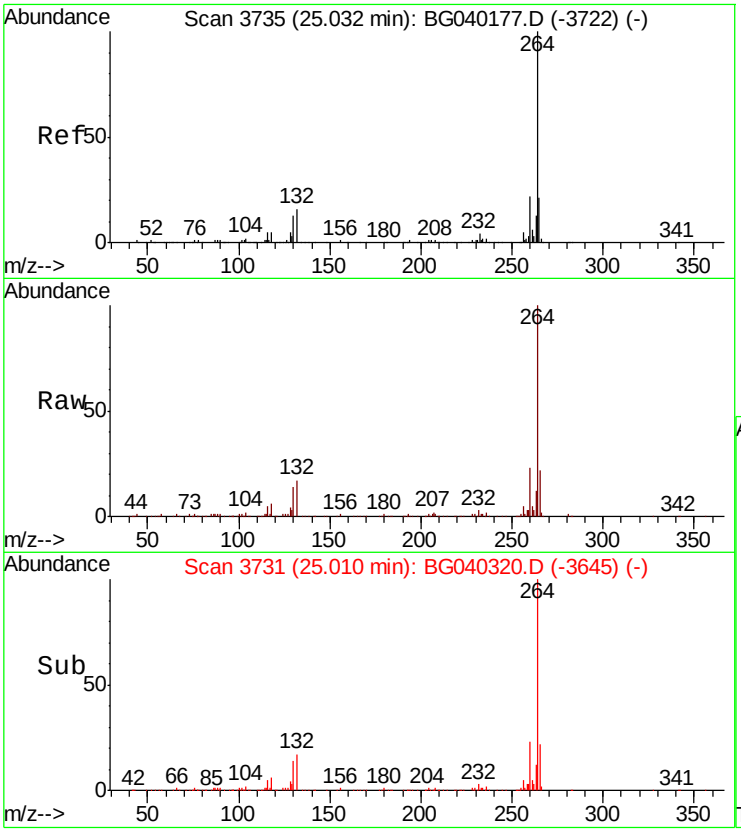


#79
Terphenyl-d14
Concen: 61.464 ng
RT: 20.03 min Scan# 2883
Delta R.T. -0.02 min
Lab File: BG040320.D
Acq: 3 Apr 2019 8:47

Tgt Ion:244 Resp: 1216152

Ion	Ratio	Lower	Upper
244	100		
212	7.9	7.0	10.6
122	11.3	8.5	12.7





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.01 min Scan# 3731
Delta R.T. -0.02 min
Lab File: BG040320.D
Acq: 3 Apr 2019 8:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 453449

Ion	Ratio	Lower	Upper
264	100		
260	22.7	17.9	26.9
265	22.1	16.8	25.2