Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021720\
Data File : BG044463.D
Acq On : 18 Feb 2020 1:31
Operator : CG/JU
Sample : L1546-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Feb 18 06:08:41 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 10 16:11:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	76847	20.00	ng		-0.01
21) Naphthalene-d8	10.69	136	303853	20.00	ng		-0.01
39) Acenaphthene-d10	14.53	164	191247	20.00	ng		-0.01
64) Phenanthrene-d10	17.27	188	422241	20.00	ng		-0.01
76) Chrysene-d12	21.52	240	412056	20.00	ng		-0.02
87) Perylene-d12	24.59	264	440769	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	529626	121.63	ng		0.00
7) Phenol-d6	7.06	99	688953	117.83	ng		-0.01
23) Nitrobenzene-d5	9.05	82	422031	78.41	ng		-0.01
42) 2,4,6-Tribromophenol	16.02	330	278472	124.03	ng		-0.01
45) 2-Fluorobiphenyl	13.15	172	948305	83.03	ng		-0.01
79) Terphenyl-d14	19.89	244	1438290	71.80	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	9.05	70	54813	14.066	ng	#	73
50) Dimethylphthalate	13.98	163	47337	3.443	ng		97
51) 2,6-Dinitrotoluene	14.53	165	25283	8.248	ng	#	28
57) 2,4-Dinitrotoluene	14.53	165	25283	5.885	ng	#	26
67) 4-Bromophenyl-phenylether	16.02	248	18605	4.044	ng	#	1

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

Quantitation Report (Not Reviewed)

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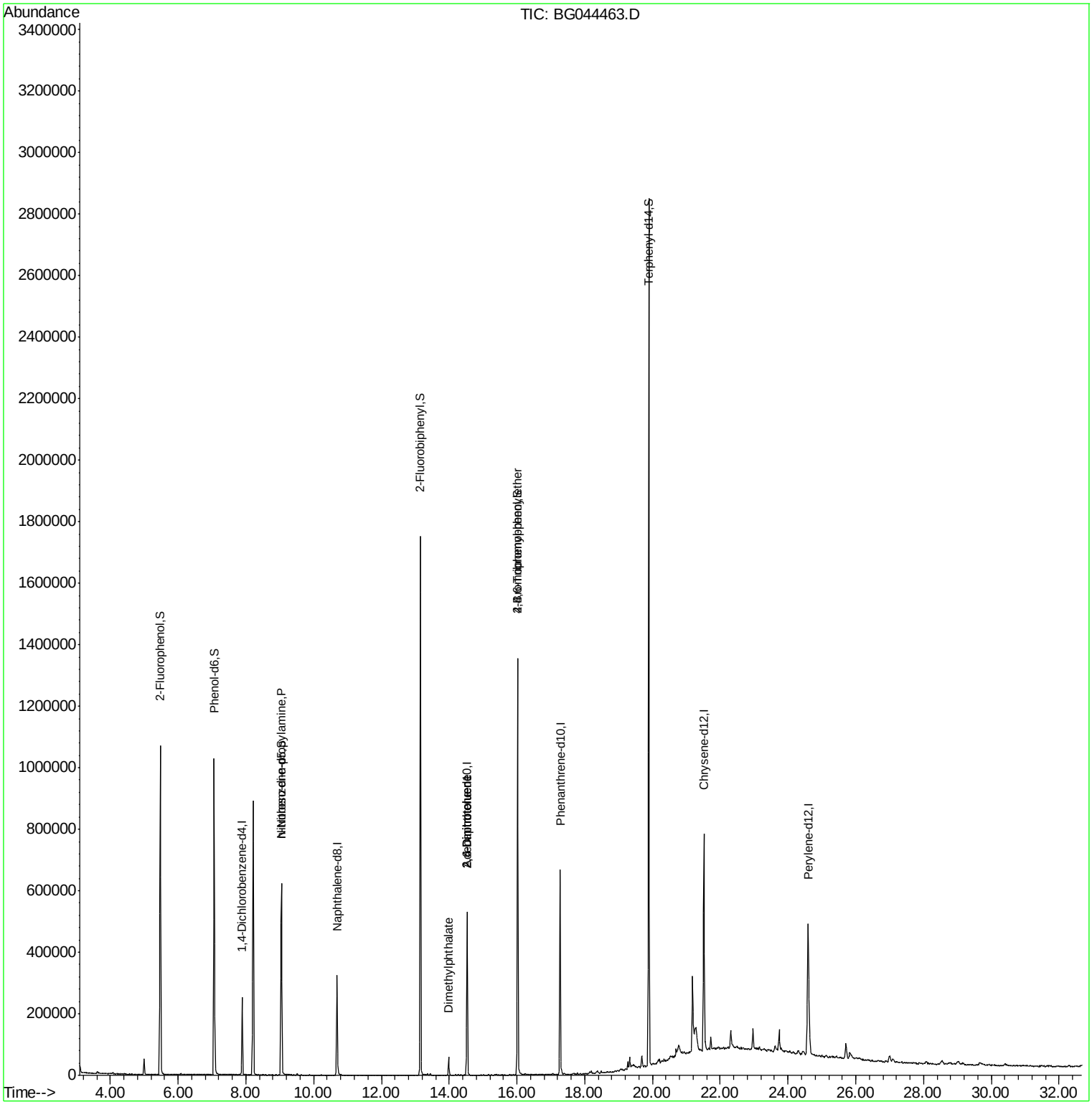
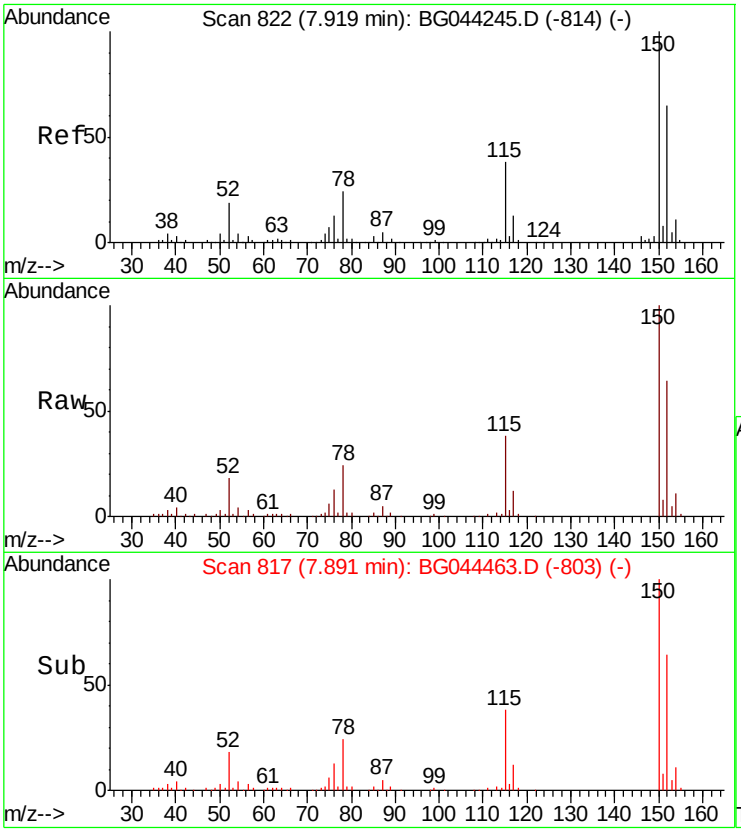


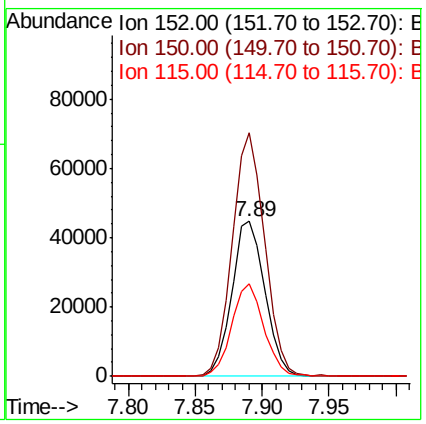


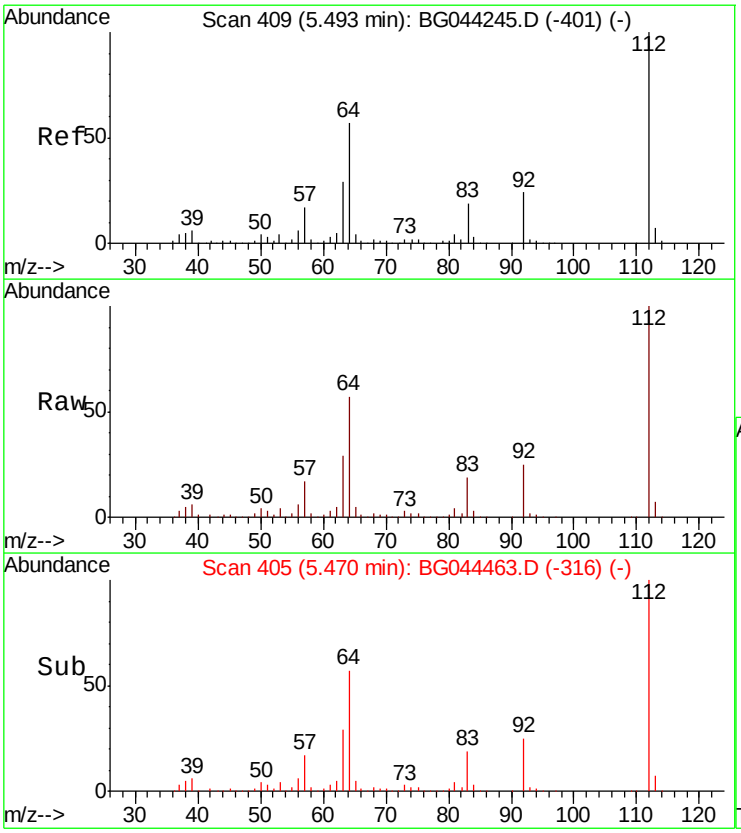
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BG044463.D
Acq: 18 Feb 2020 1:31

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 76847

Ion	Ratio	Lower	Upper
152	100		
150	157.1	122.6	183.8
115	59.8	46.0	69.0

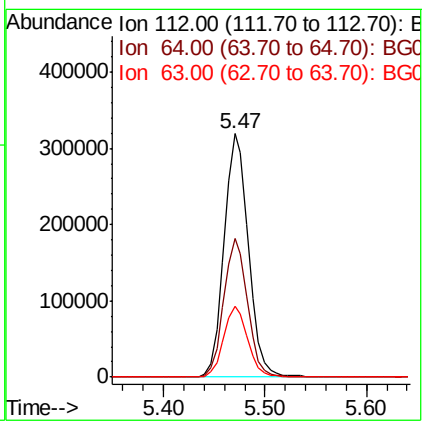


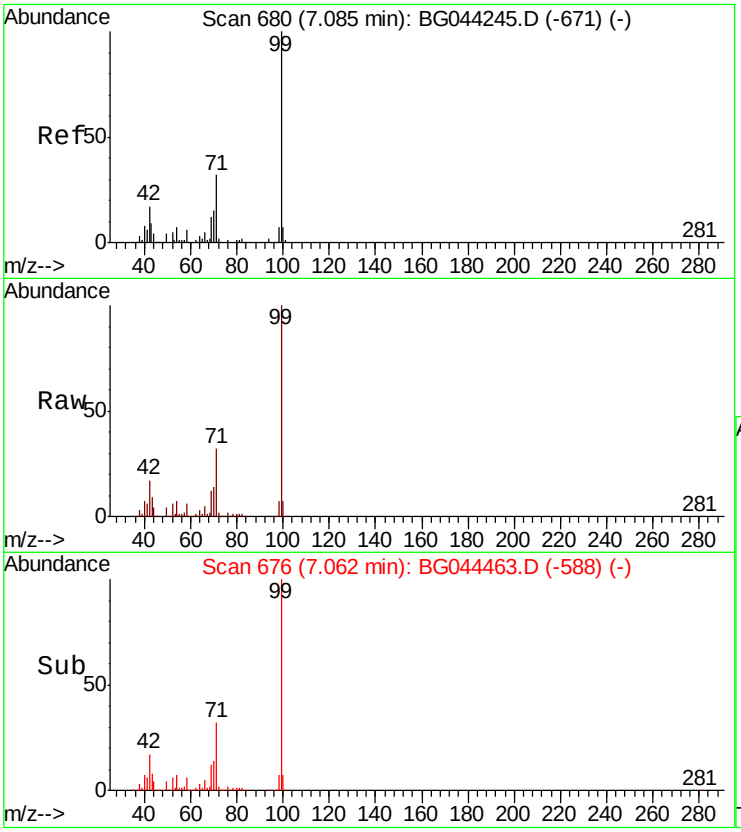


#5
2-Fluorophenol
Concen: 121.632 ng
RT: 5.47 min Scan# 405
Delta R.T. -0.01 min
Lab File: BG044463.D
Acq: 18 Feb 2020 1:31

Tgt Ion:112 Resp: 529626

Ion	Ratio	Lower	Upper
112	100		
64	56.7	45.4	68.2
63	29.1	22.9	34.3



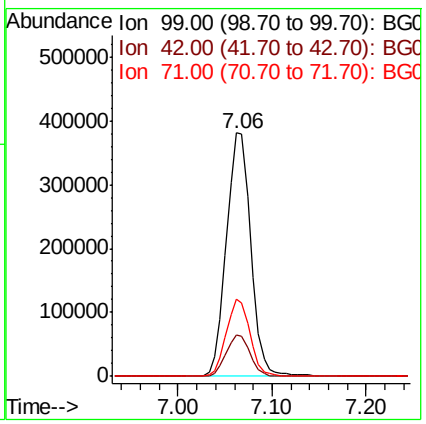


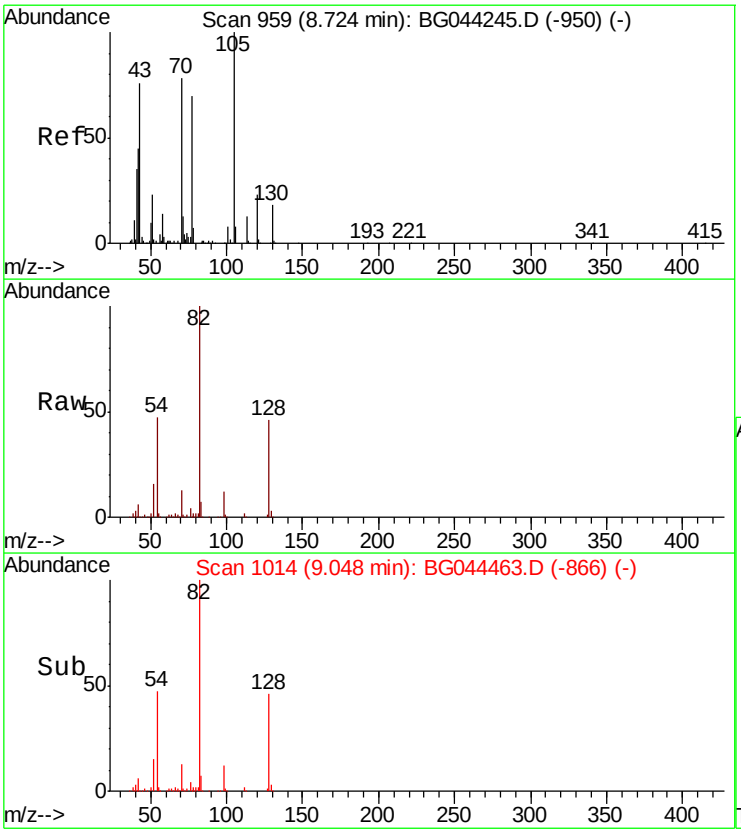
#7
Phenol-d6
Concen: 117.826 ng
RT: 7.06 min Scan# 676
Delta R.T. -0.01 min
Lab File: BG044463.D
Acq: 18 Feb 2020 1:31

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 688953

Ion	Ratio	Lower	Upper
99	100		
42	16.8	13.8	20.6
71	31.6	25.5	38.3

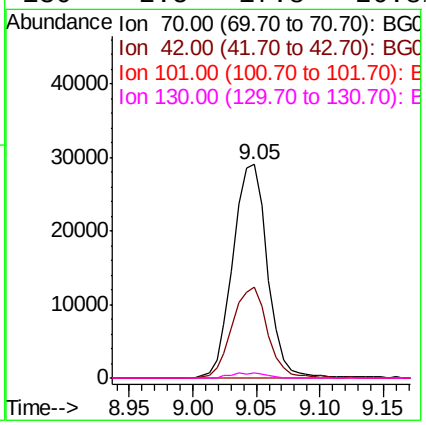


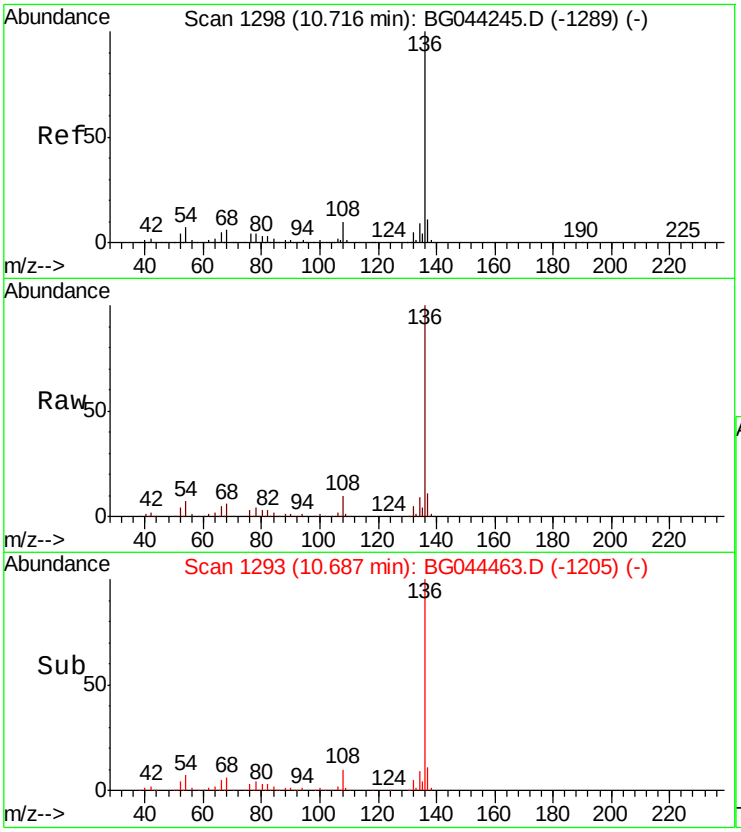


#19
n-Nitroso-di-n-propylamine
Concen: 14.066 ng
RT: 9.05 min Scan# 1014
Delta R.T. 0.34 min
Lab File: BG044463.D
Acq: 18 Feb 2020 1:31

Tgt Ion: 70 Resp: 54813

Ion	Ratio	Lower	Upper
70	100		
42	42.4	46.2	69.2#
101	0.0	8.4	12.6#
130	2.5	17.8	26.8#



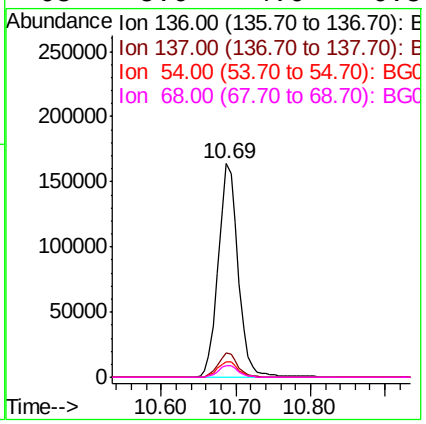


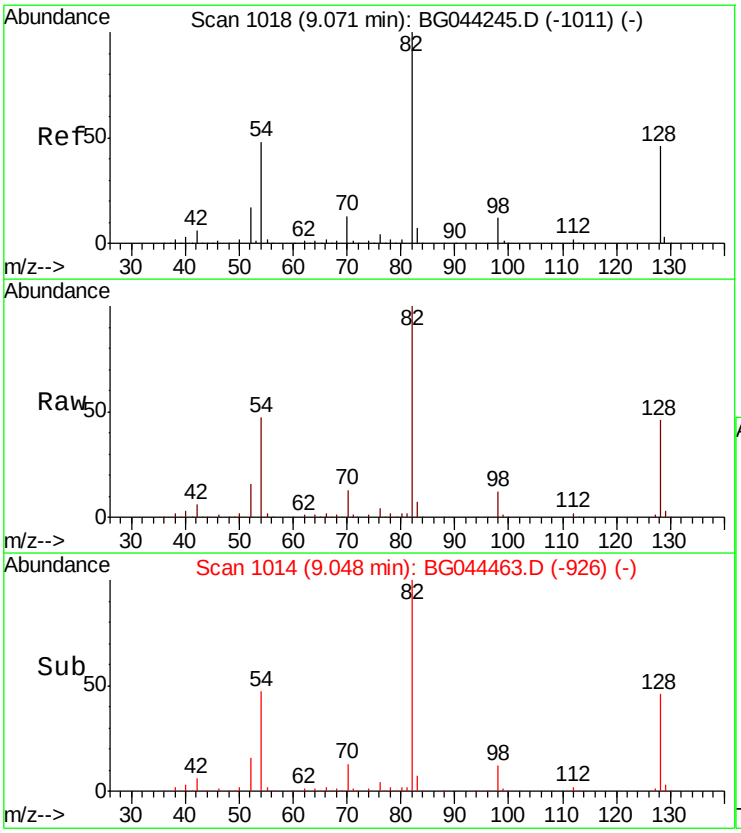
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BG044463.D
Acq: 18 Feb 2020 1:31

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 303853

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	7.1	5.8	8.8
68	5.6	4.6	6.8

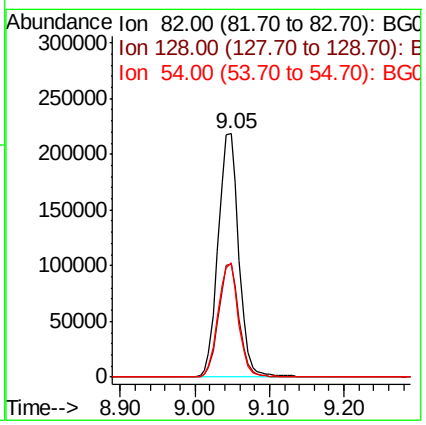


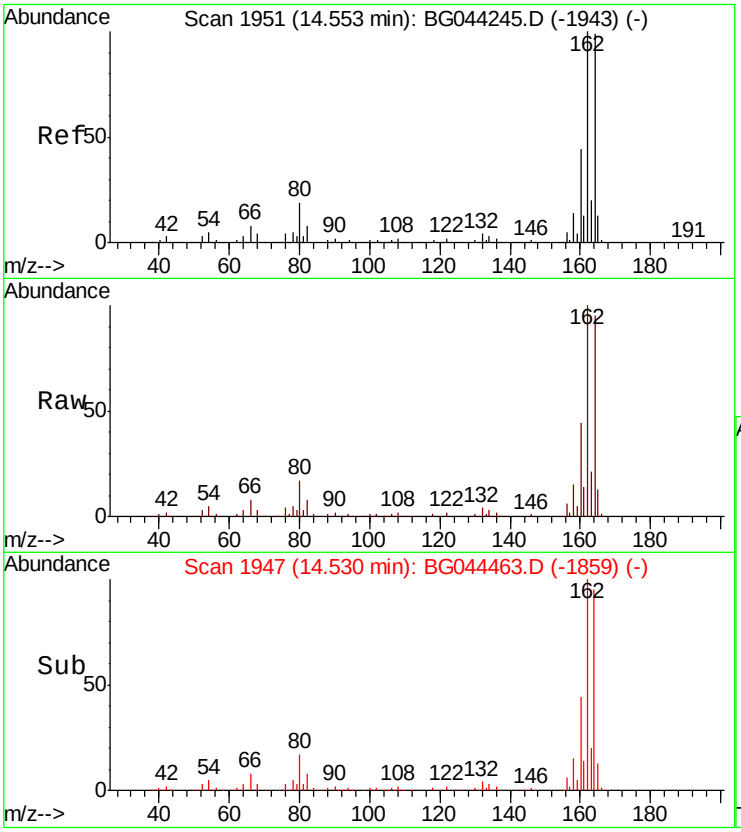


#23
Nitrobenzene-d5
Concen: 78.414 ng
RT: 9.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BG044463.D
Acq: 18 Feb 2020 1:31

Tgt Ion: 82 Resp: 422031

Ion	Ratio	Lower	Upper
82	100		
128	46.3	36.5	54.7
54	46.7	38.6	58.0



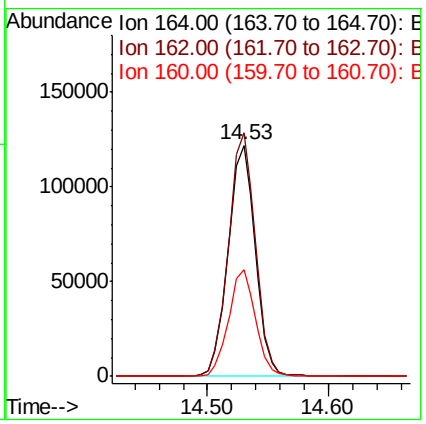


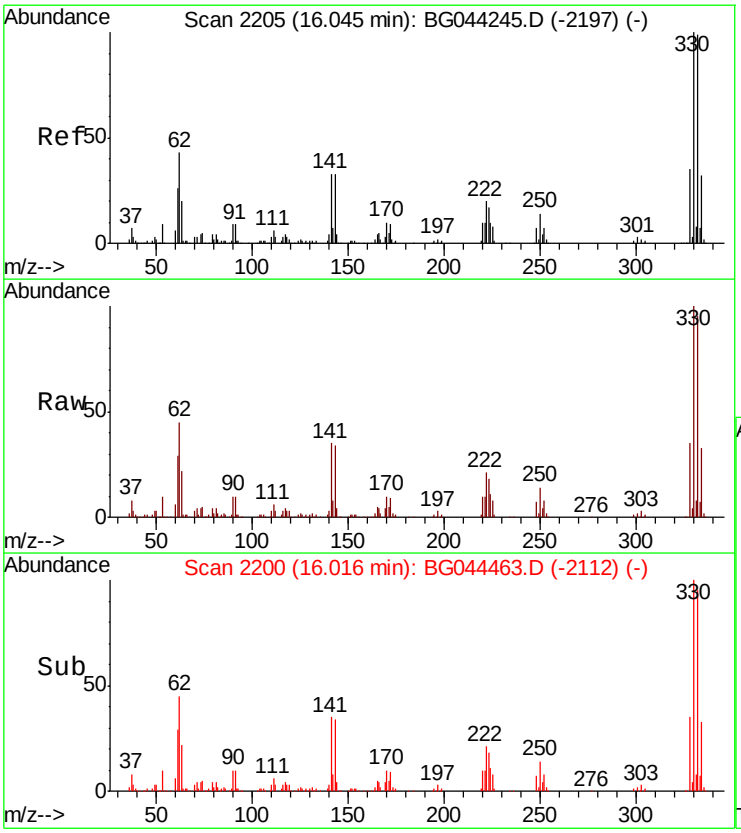
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.53 min Scan# 1947
Delta R.T. -0.01 min
Lab File: BG044463.D
Acq: 18 Feb 2020 1:31

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 191247

Ion	Ratio	Lower	Upper
164	100		
162	105.4	80.7	121.1
160	45.9	35.3	52.9

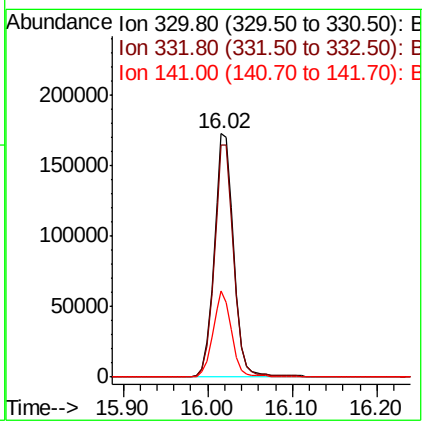


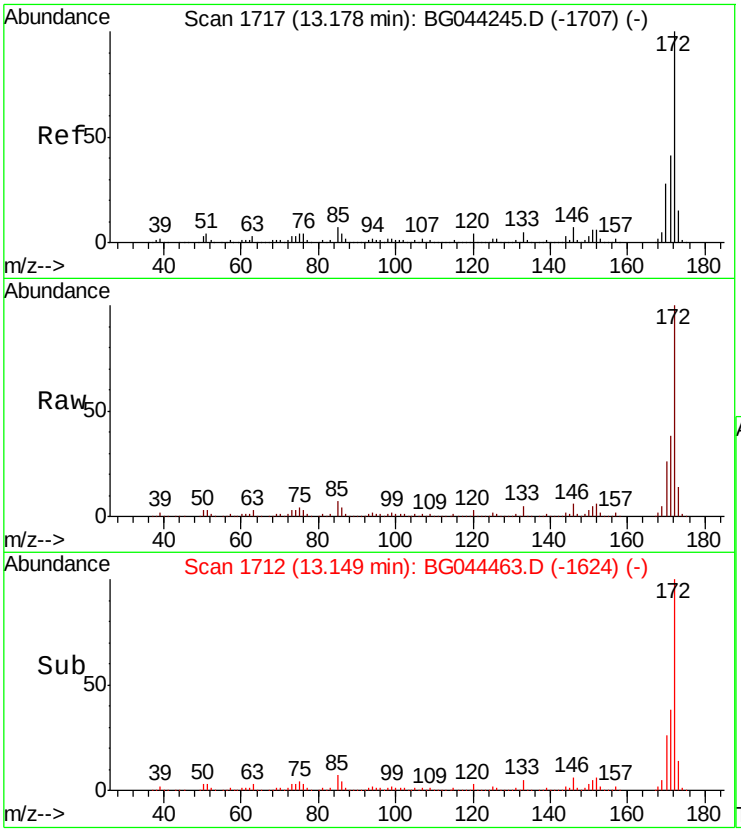


#42
2,4,6-Tribromophenol
Concen: 124.034 ng
RT: 16.02 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BG044463.D
Acq: 18 Feb 2020 1:31

Tgt Ion:330 Resp: 278472

Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.2	115.8
141	34.0	28.3	42.5



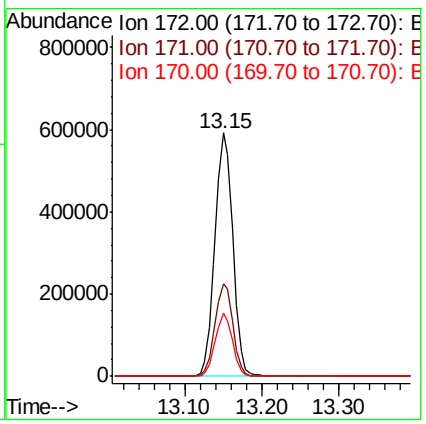


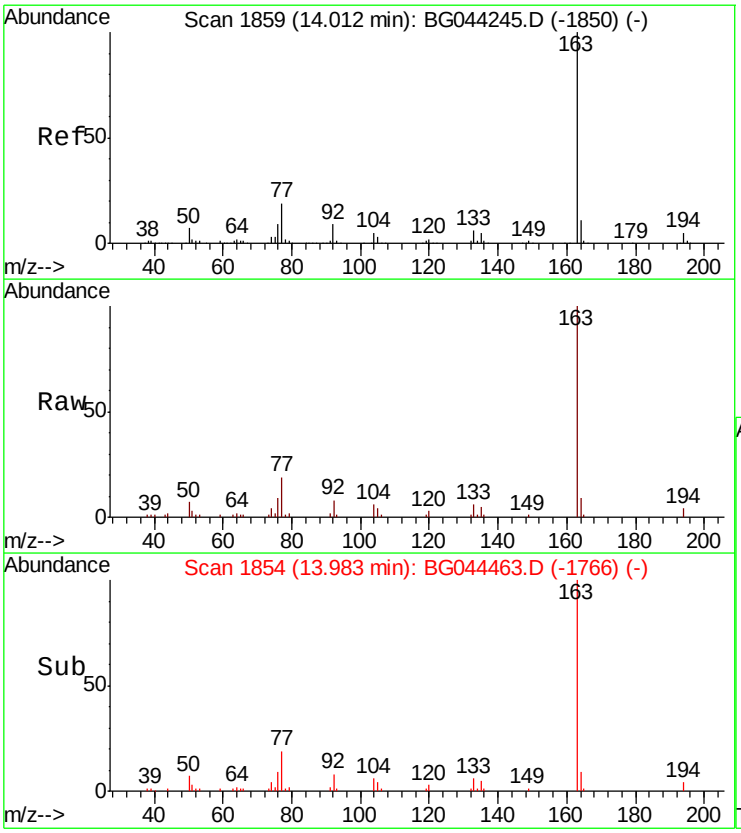
#45
2-Fluorobiphenyl
Concen: 83.033 ng
RT: 13.15 min Scan# 1712
Delta R.T. -0.01 min
Lab File: BG044463.D
Acq: 18 Feb 2020 1:31

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 948305

Ion	Ratio	Lower	Upper
172	100		
171	38.0	32.9	49.3
170	25.8	22.0	33.0

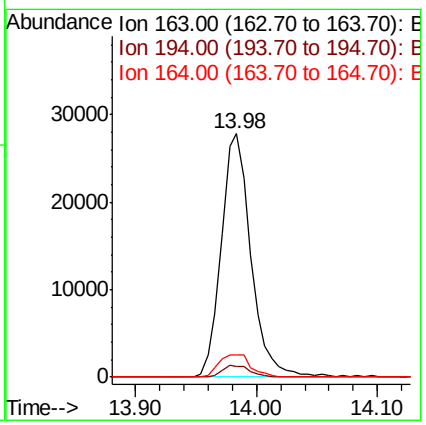


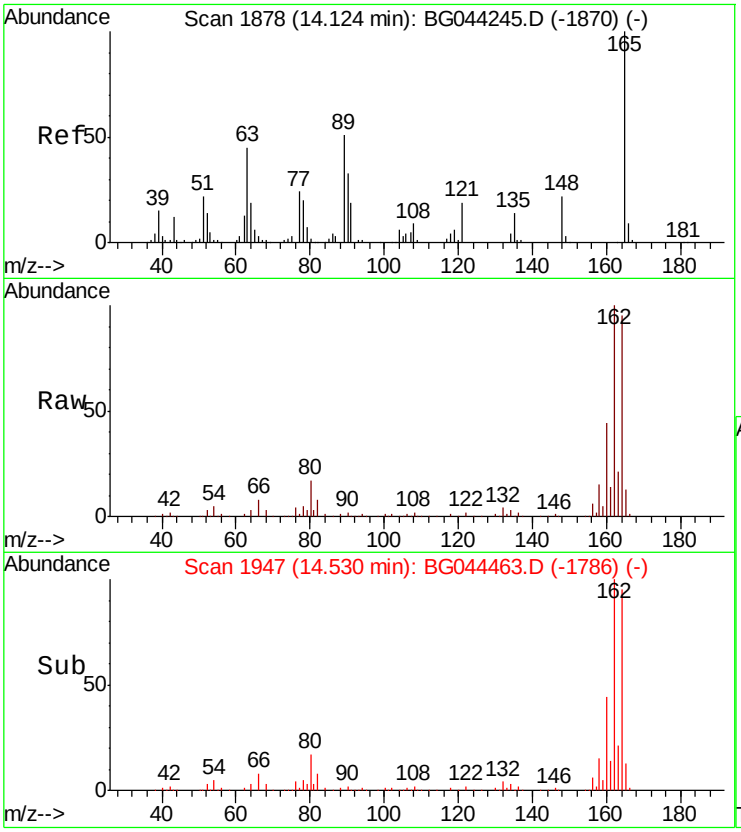


#50
Dimethylphthalate
Concen: 3.443 ng
RT: 13.98 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BG044463.D
Acq: 18 Feb 2020 1:31

Tgt Ion:163 Resp: 47337

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.6	5.4
164	9.2	8.7	13.1



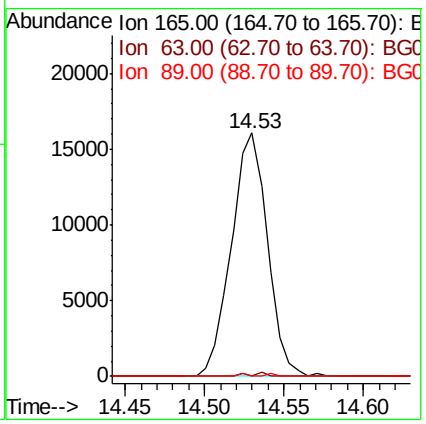


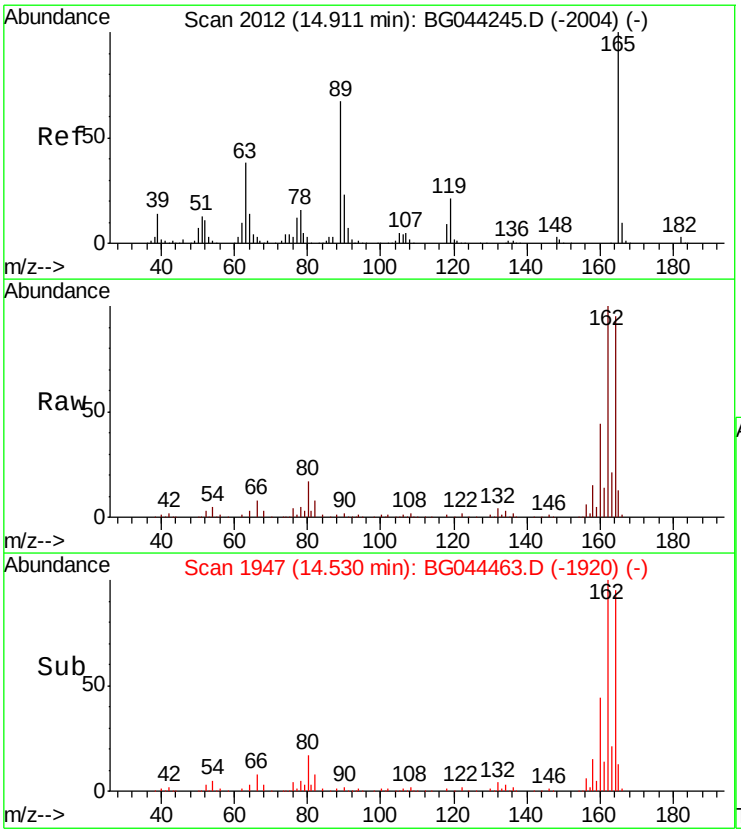
#51
2,6-Dinitrotoluene
Concen: 8.248 ng
RT: 14.53 min Scan# 1947
Delta R.T. 0.41 min
Lab File: BG044463.D
Acq: 18 Feb 2020 1:31

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 25283

Ion	Ratio	Lower	Upper
165	100		
63	0.0	38.7	58.1#
89	0.0	40.4	60.6#

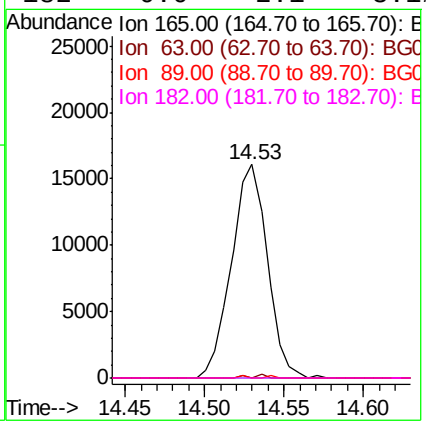


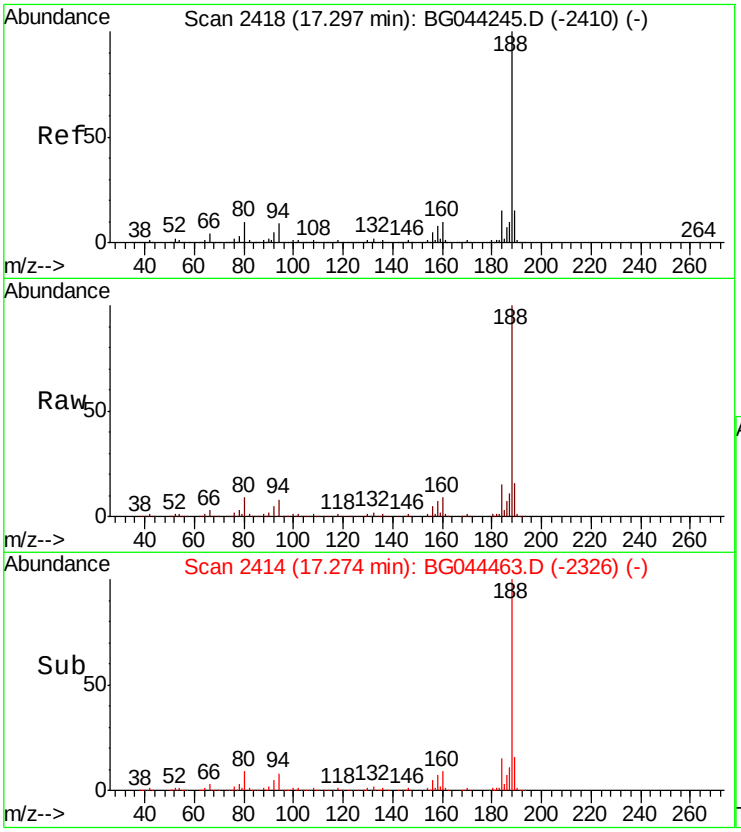


#57
2,4-Dinitrotoluene
Concen: 5.885 ng
RT: 14.53 min Scan# 1947
Delta R.T. -0.37 min
Lab File: BG044463.D
Acq: 18 Feb 2020 1:31

Tgt Ion:165 Resp: 25283

Ion	Ratio	Lower	Upper
165	100		
63	0.0	30.3	45.5#
89	0.0	53.4	80.2#
182	0.0	2.1	3.1#



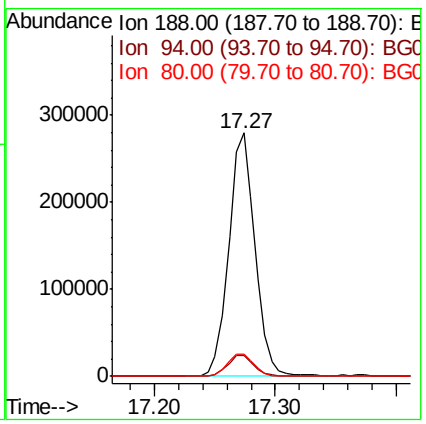


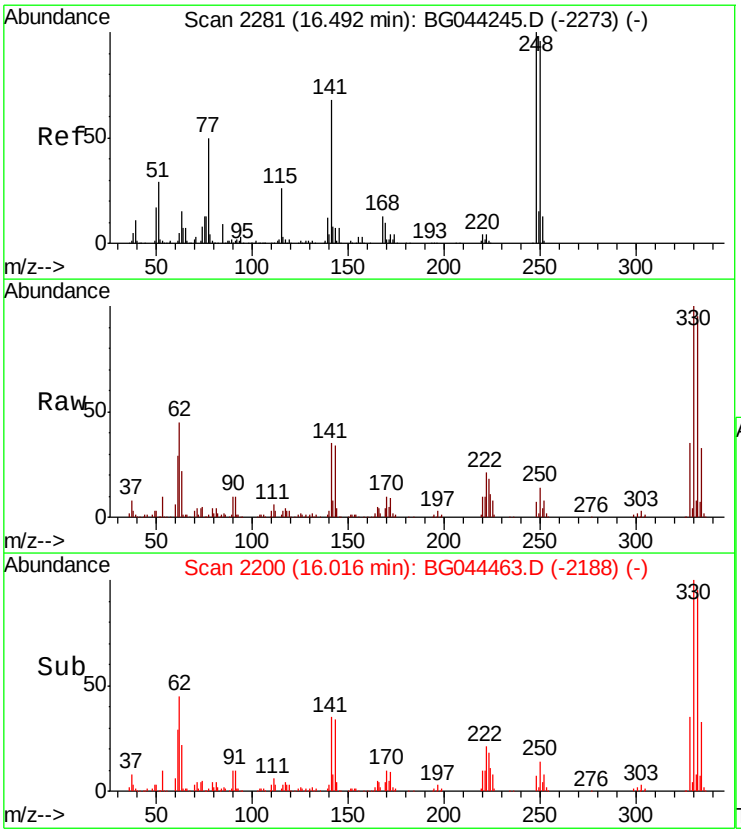
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.27 min Scan# 2414
Delta R.T. -0.01 min
Lab File: BG044463.D
Acq: 18 Feb 2020 1:31

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 422241

Ion	Ratio	Lower	Upper
188	100		
94	8.4	7.4	11.2
80	9.3	7.7	11.5

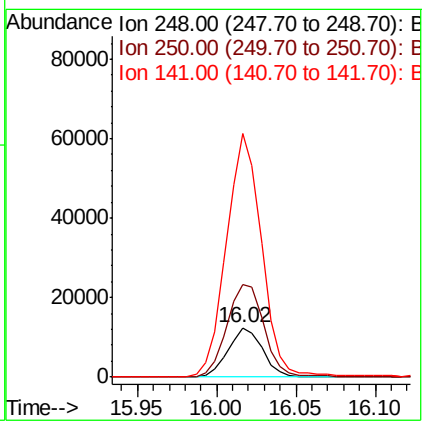


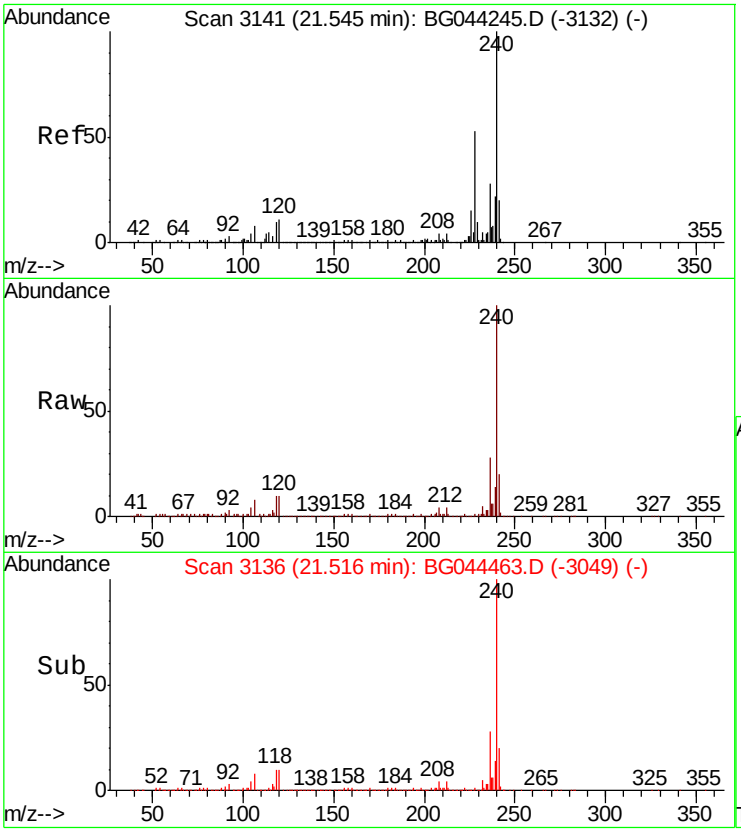


#67
4-Bromophenyl-phenylether
Concen: 4.044 ng
RT: 16.02 min Scan# 2200
Delta R.T. -0.46 min
Lab File: BG044463.D
Acq: 18 Feb 2020 1:31

Tgt Ion:248 Resp: 18605

Ion	Ratio	Lower	Upper
248	100		
250	189.3	76.6	114.8#
141	494.3	54.7	82.1#



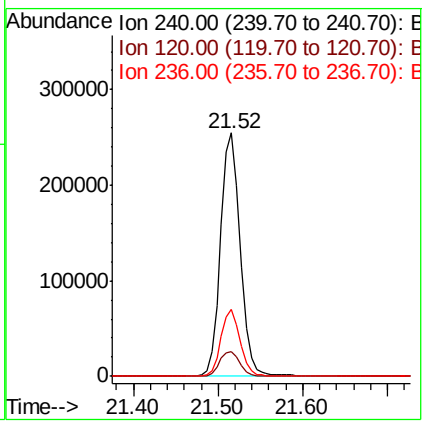


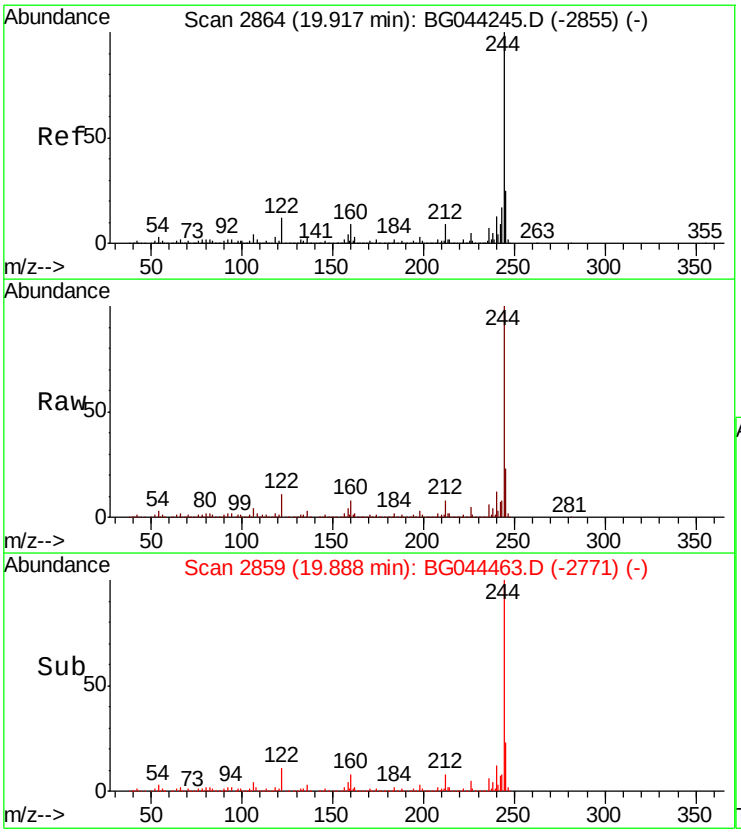
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.52 min Scan# 3136
Delta R.T. -0.02 min
Lab File: BG044463.D
Acq: 18 Feb 2020 1:31

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 412056

Ion	Ratio	Lower	Upper
240	100		
120	10.2	8.4	12.6
236	27.6	22.1	33.1

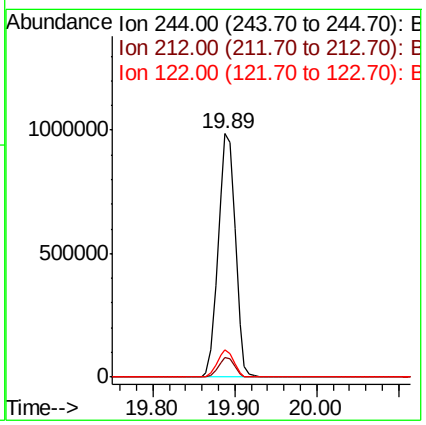


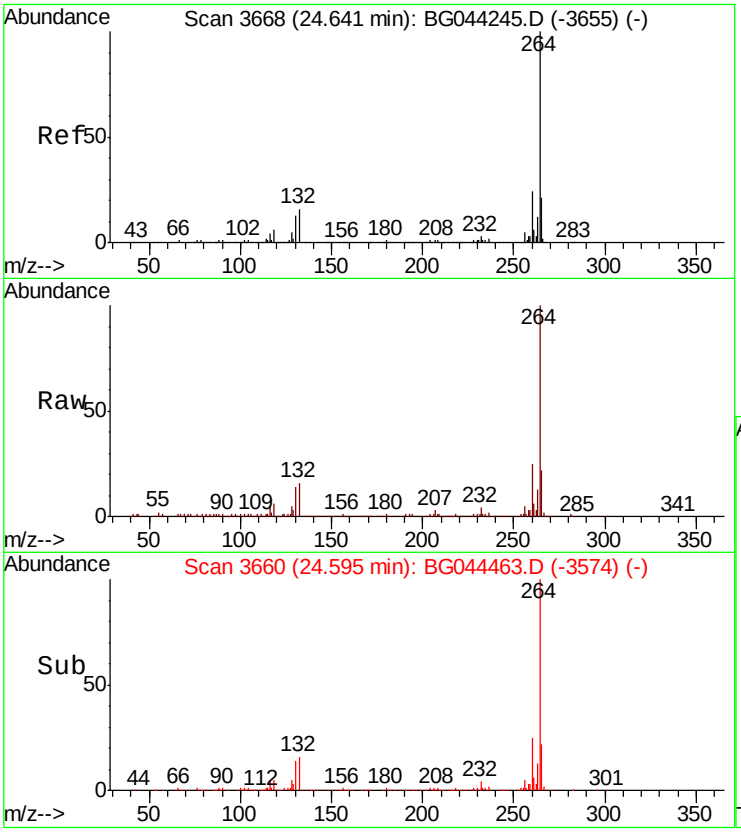


#79
Terphenyl-d14
Concen: 71.796 ng
RT: 19.89 min Scan# 2859
Delta R.T. -0.01 min
Lab File: BG044463.D
Acq: 18 Feb 2020 1:31

Tgt Ion:244 Resp: 1438290

Ion	Ratio	Lower	Upper
244	100		
212	8.1	7.4	11.2
122	11.4	9.8	14.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.59 min Scan# 3660
Delta R.T. -0.03 min
Lab File: BG044463.D
Acq: 18 Feb 2020 1:31

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 440769

Ion	Ratio	Lower	Upper
264	100		
260	25.4	19.4	29.2
265	22.0	16.7	25.1