Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103019\
Data File : BG043405.D
Acq On : 30 Oct 2019 17:58
Operator : JU
Sample : K5543-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Oct 31 05:08:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 21 16:37:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	42953	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	145760	20.00	ng		0.00
39) Acenaphthene-d10	14.65	164	121313	20.00	ng		0.00
64) Phenanthrene-d10	17.40	188	293789	20.00	ng		0.00
76) Chrysene-d12	21.66	240	344516	20.00	ng		-0.01
87) Perylene-d12	24.85	264	403181	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	223889	95.51	ng		0.00
7) Phenol-d6	7.21	99	311863	92.47	ng		0.00
23) Nitrobenzene-d5	9.18	82	187370	66.27	ng		0.00
42) 2,4,6-Tribromophenol	16.14	330	206830	89.59	ng		0.00
45) 2-Fluorobiphenyl	13.27	172	546363	62.23	ng		0.00
79) Terphenyl-d14	20.00	244	1223360	66.62	ng		-0.01
Target Compounds							Qvalue
10) Phenol	7.23	94	8576	2.783	ng		78
19) n-Nitroso-di-n-propylamine	9.18	70	25677	11.783	ng	#	73
50) Dimethylphthalate	14.10	163	82884	8.821	ng	#	97
57) 2,4-Dinitrotoluene	14.65	165	15725	5.390	ng	#	25
67) 4-Bromophenyl-phenylether	16.14	248	12413	3.140	ng	#	1
77) Benzidine	20.01	184	17211	2.482	ng	#	93

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

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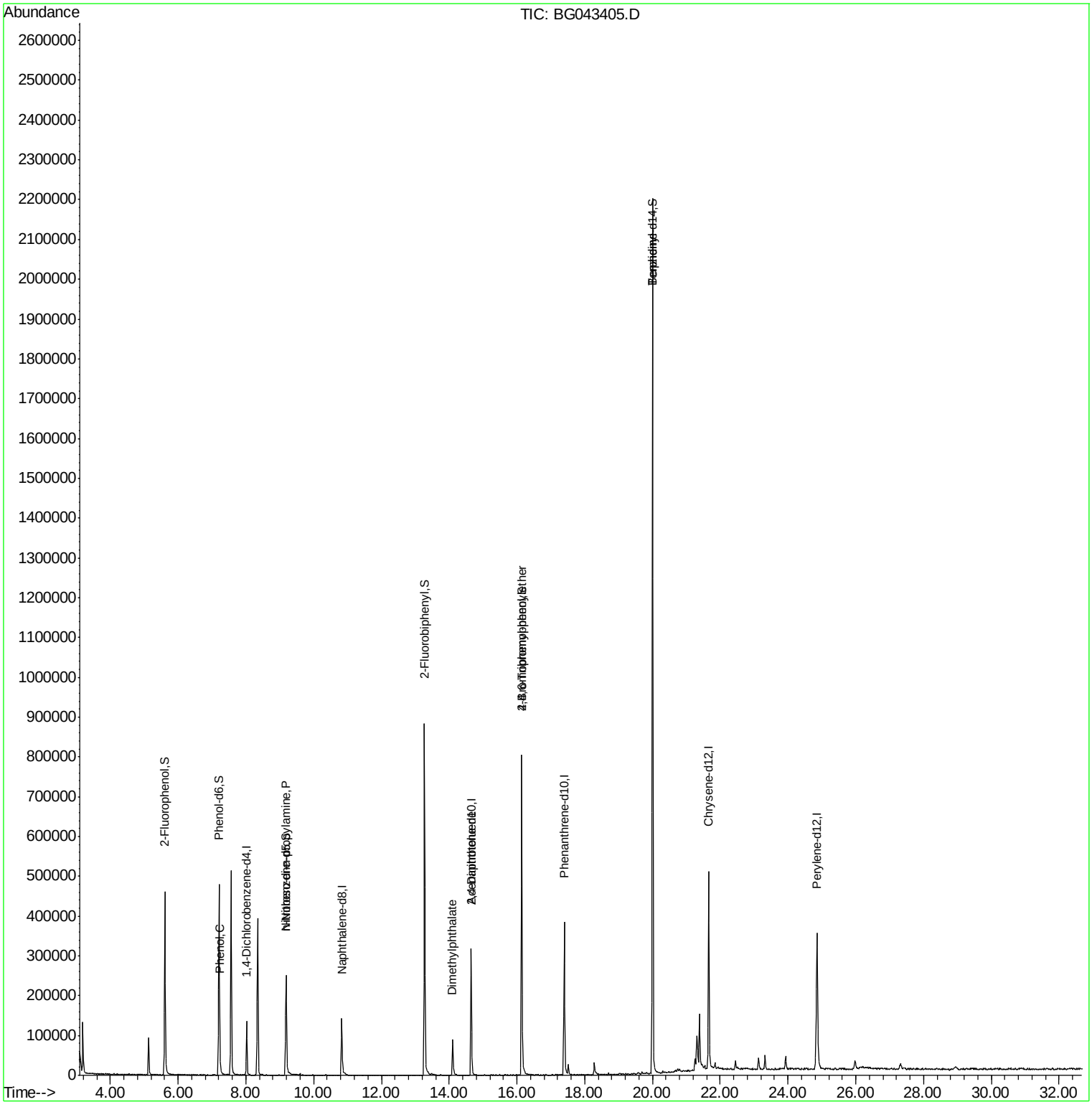
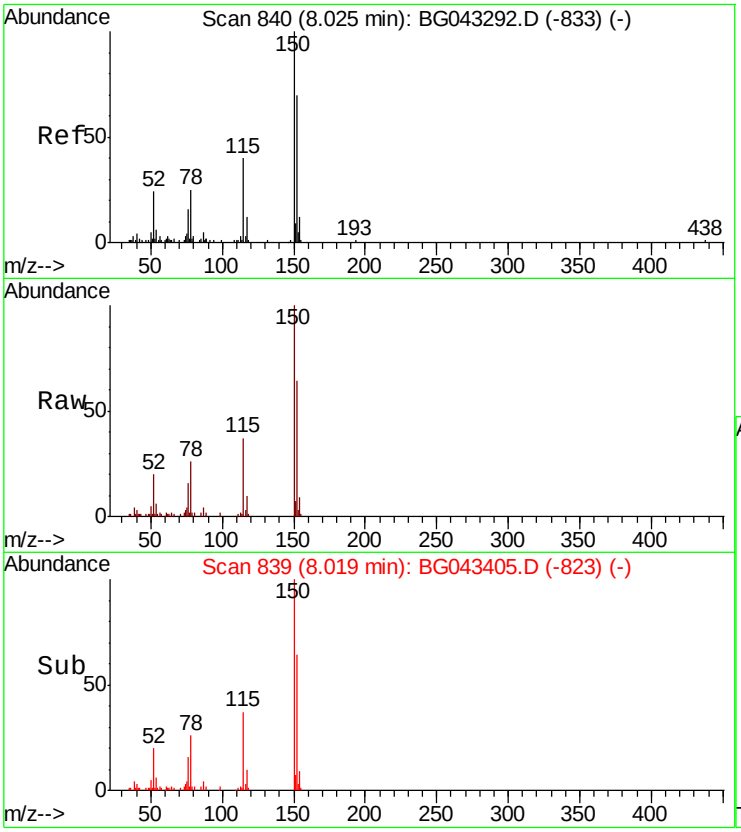


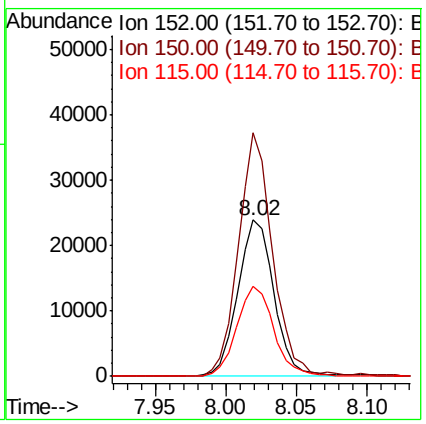


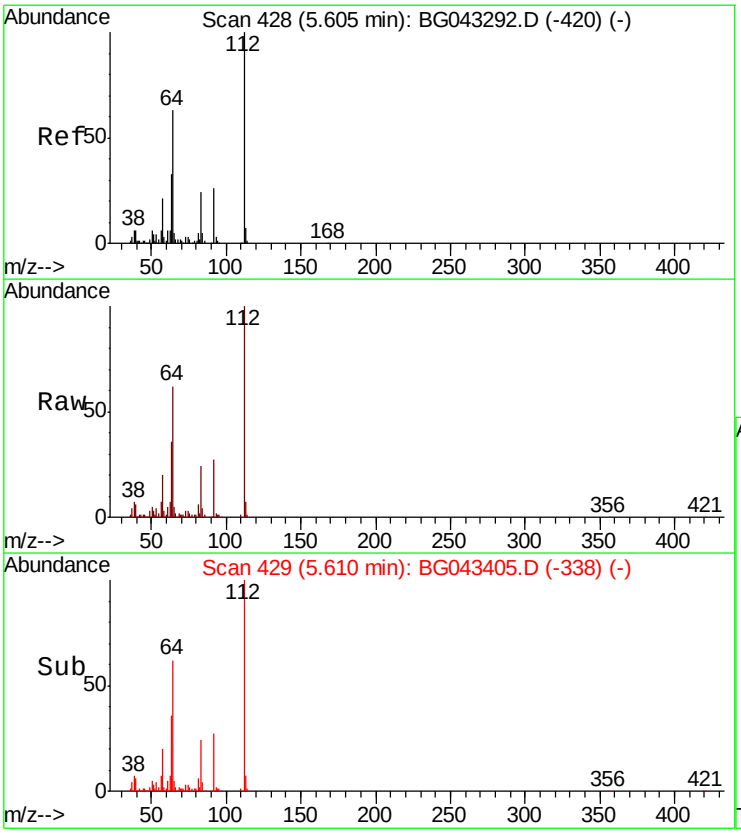
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 839
Delta R.T. -0.01 min
Lab File: BG043405.D
Acq: 30 Oct 2019 17:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 42953

Ion	Ratio	Lower	Upper
152	100		
150	156.1	113.6	170.4
115	57.7	45.9	68.9

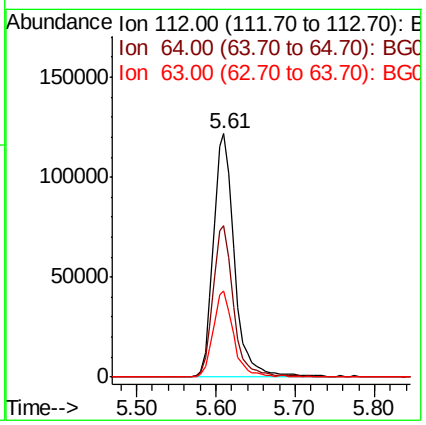


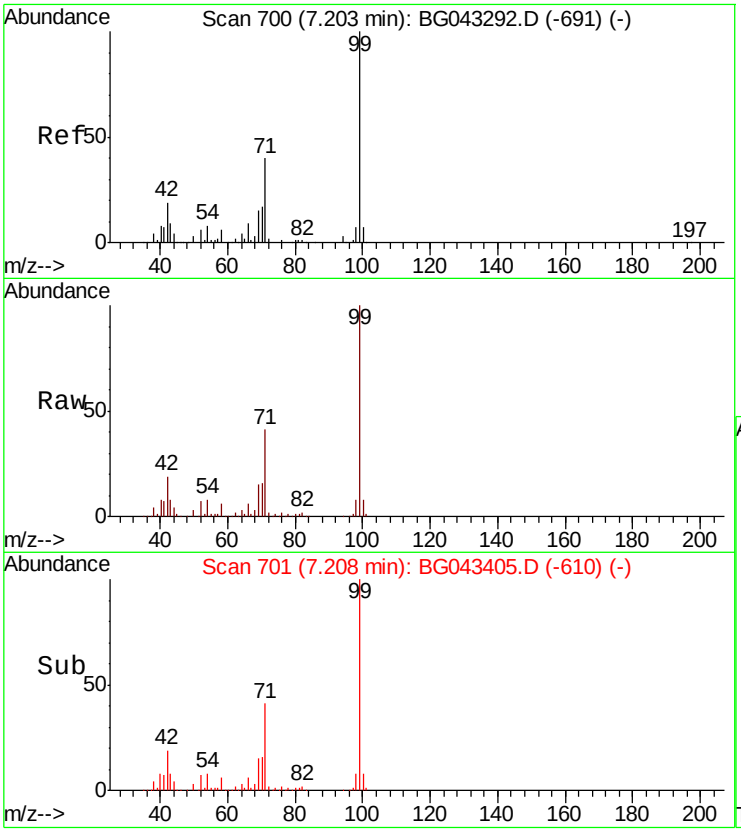


#5
2-Fluorophenol
Concen: 95.515 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.01 min
Lab File: BG043405.D
Acq: 30 Oct 2019 17:58

Tgt Ion:112 Resp: 223889

Ion	Ratio	Lower	Upper
112	100		
64	62.1	50.2	75.2
63	35.5	26.7	40.1



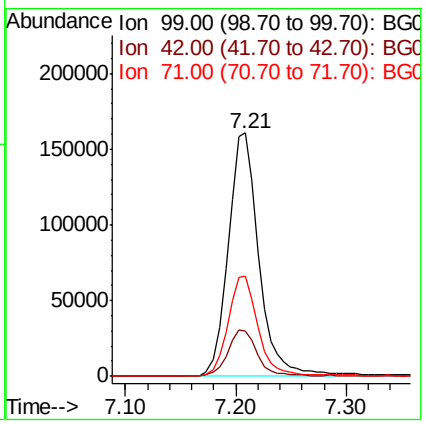


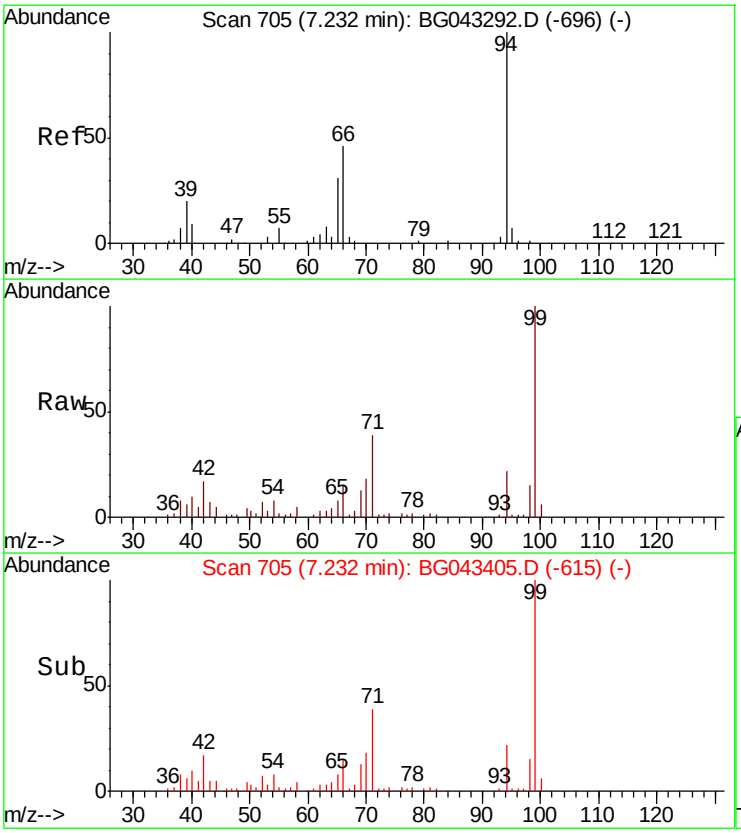
#7
Phenol-d6
Concen: 92.472 ng
RT: 7.21 min Scan# 701
Delta R.T. 0.01 min
Lab File: BG043405.D
Acq: 30 Oct 2019 17:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 311863

Ion	Ratio	Lower	Upper
99	100		
42	18.6	14.9	22.3
71	41.3	32.2	48.2

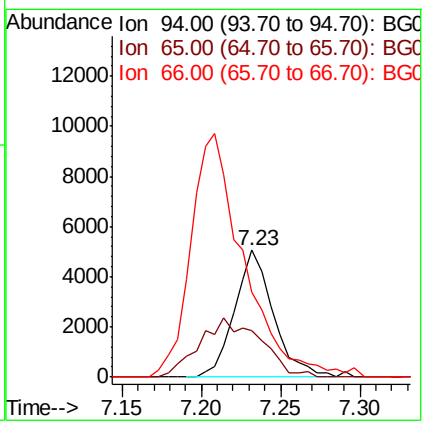


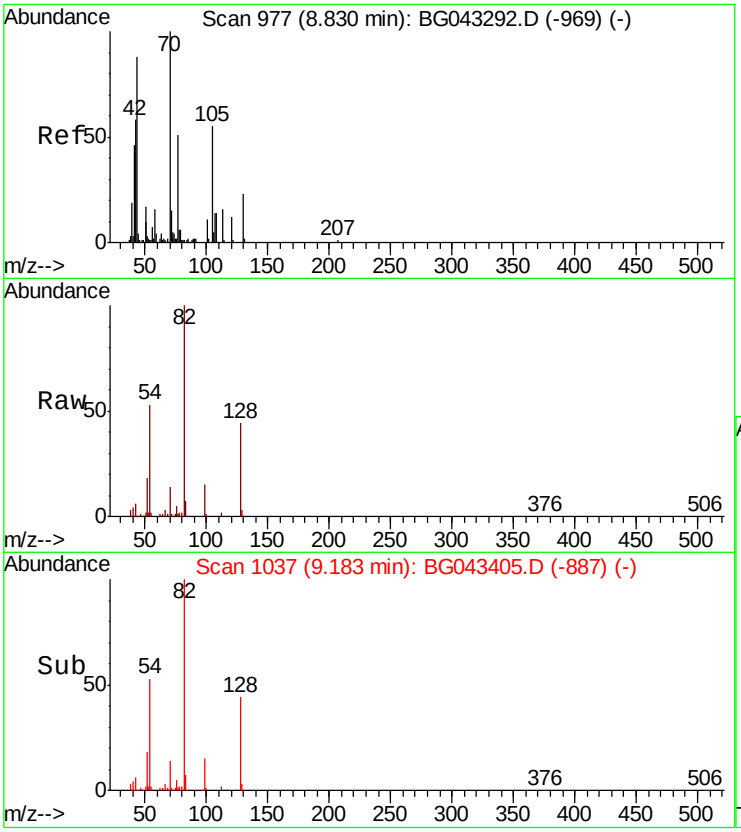


#10
Phenol
Concen: 2.783 ng
RT: 7.23 min Scan# 705
Delta R.T. -0.00 min
Lab File: BG043405.D
Acq: 30 Oct 2019 17:58

Tgt Ion: 94 Resp: 8576

Ion	Ratio	Lower	Upper
94	100		
65	36.9	11.1	51.1
66	67.4	27.8	67.8



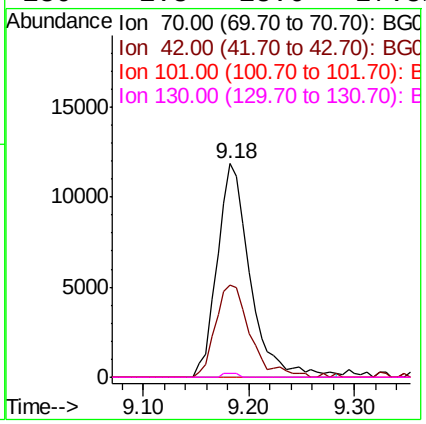


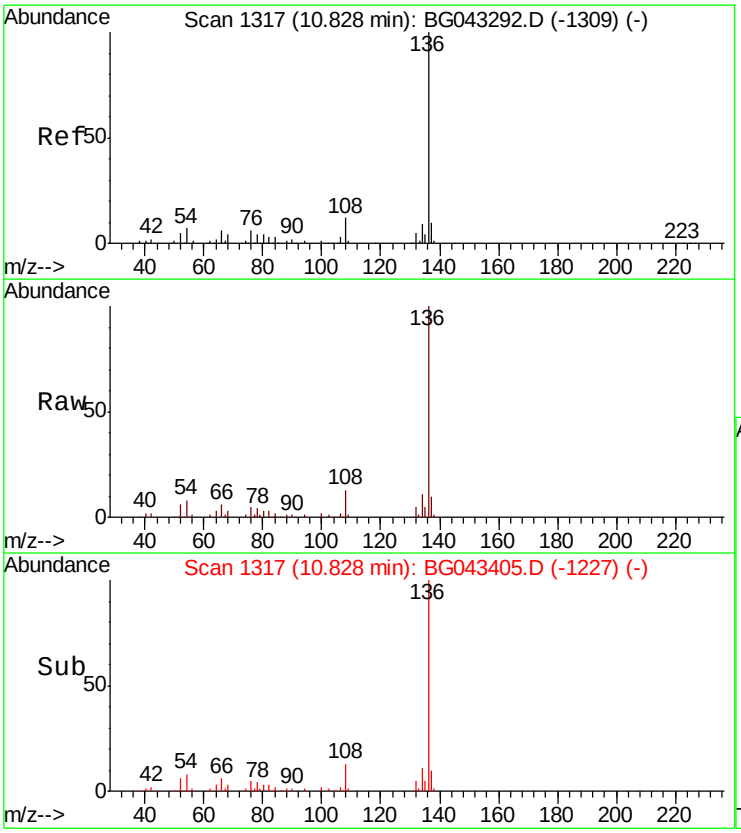
#19
n-Nitroso-di-n-propylamine
Concen: 11.783 ng
RT: 9.18 min Scan# 1037
Delta R.T. 0.35 min
Lab File: BG043405.D
Acq: 30 Oct 2019 17:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 25677

Ion	Ratio	Lower	Upper
70	100		
42	43.1	46.2	69.2#
101	0.0	8.6	13.0#
130	1.8	18.6	27.8#

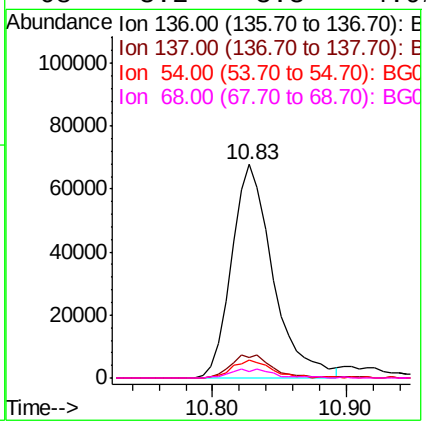


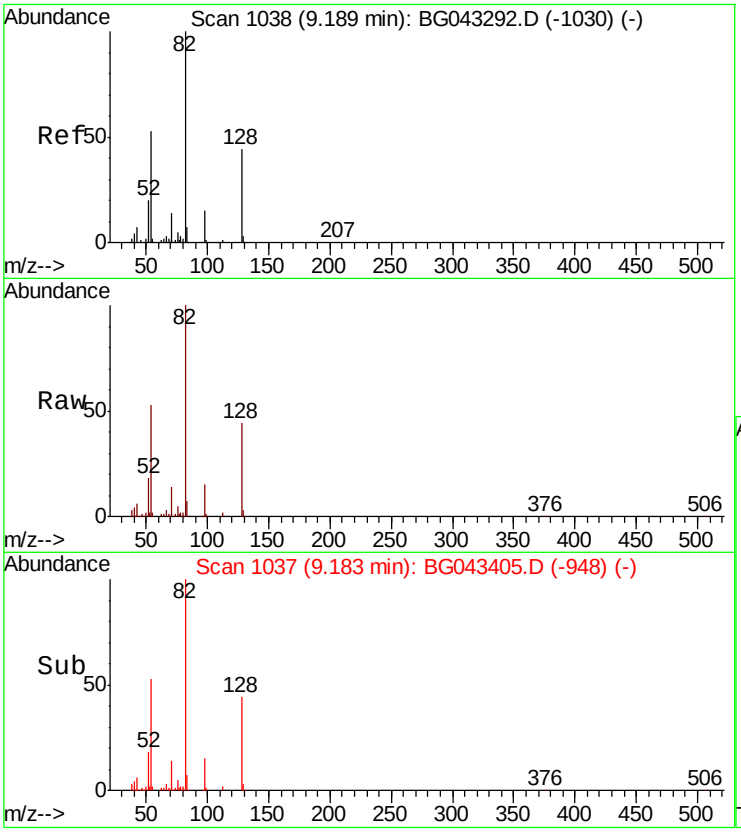


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BG043405.D
Acq: 30 Oct 2019 17:58

Tgt Ion:136 Resp: 145760

Ion	Ratio	Lower	Upper
136	100		
137	9.8	8.2	12.2
54	8.2	5.4	8.2#
68	3.2	3.3	4.9#



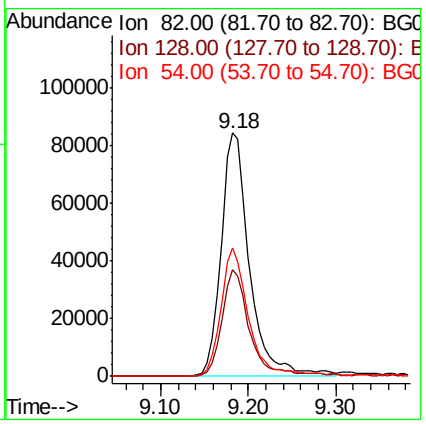


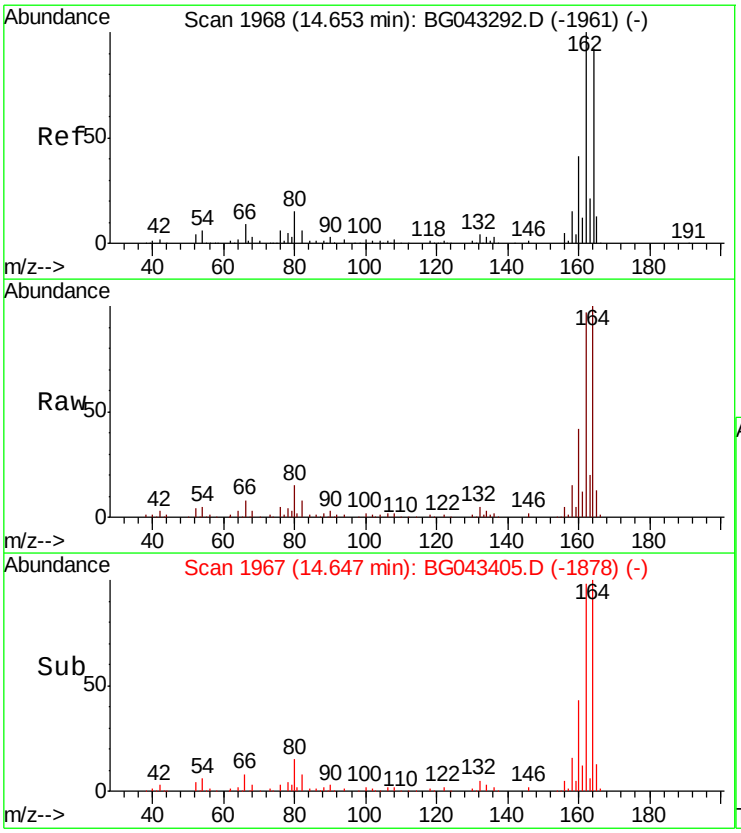
#23
Nitrobenzene-d5
Concen: 66.272 ng
RT: 9.18 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BG043405.D
Acq: 30 Oct 2019 17:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 187370

Ion	Ratio	Lower	Upper
82	100		
128	43.6	35.3	52.9
54	52.9	42.3	63.5

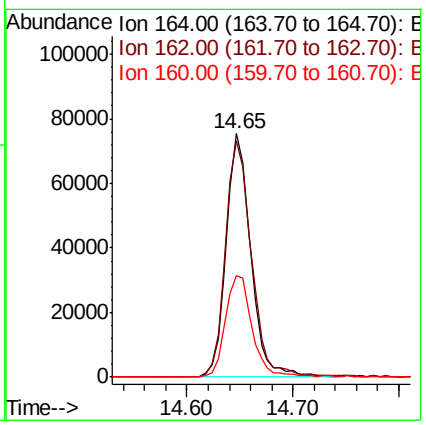


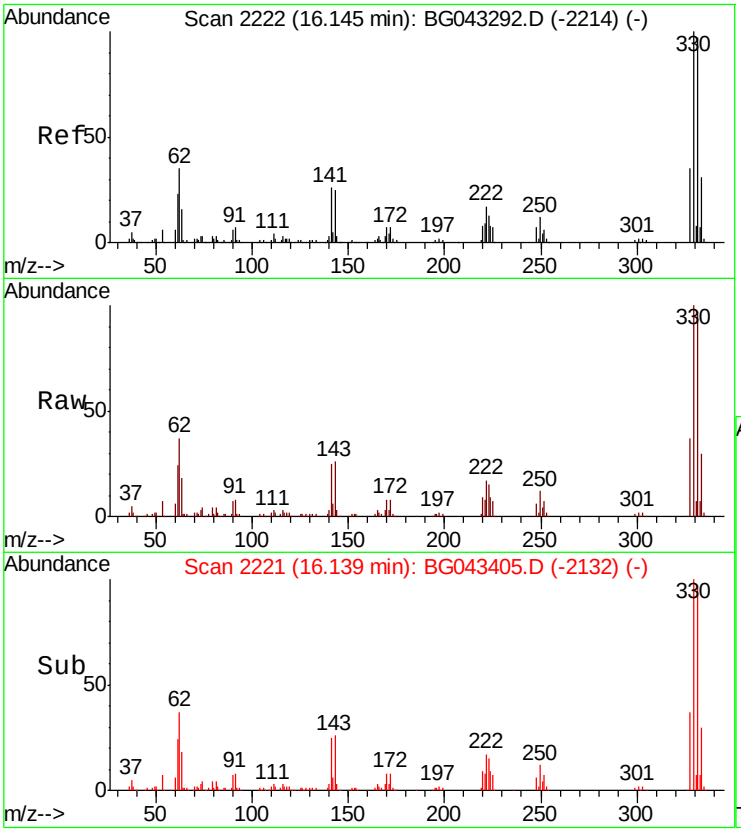


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1967
Delta R.T. -0.01 min
Lab File: BG043405.D
Acq: 30 Oct 2019 17:58

Tgt Ion:164 Resp: 121313

Ion	Ratio	Lower	Upper
164	100		
162	97.1	87.0	130.4
160	42.0	35.5	53.3



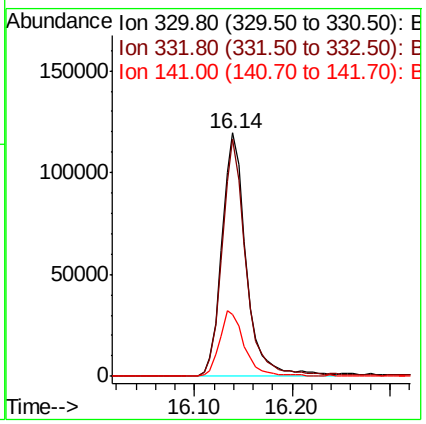


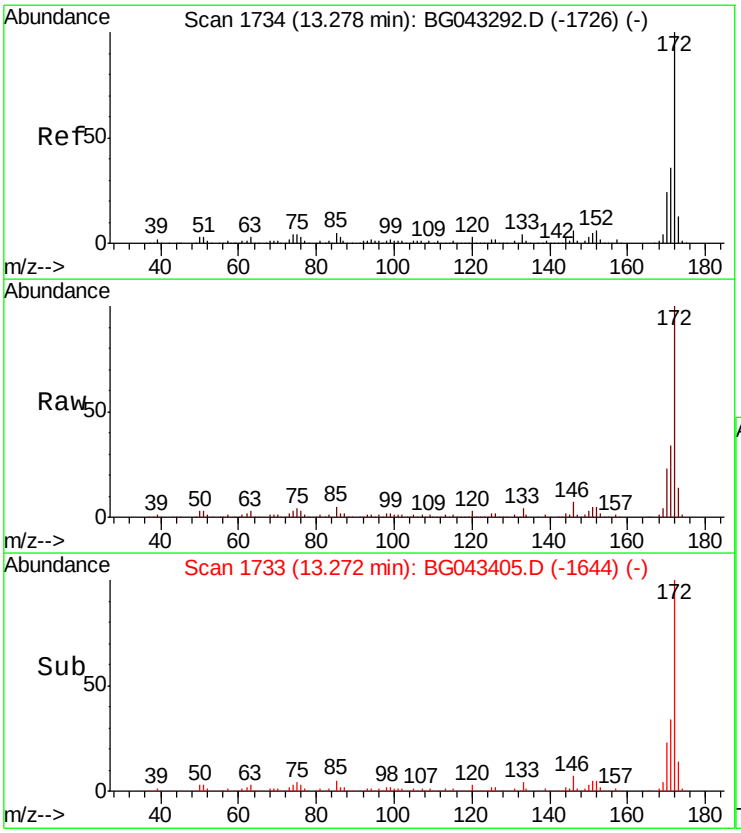
#42
2,4,6-Tribromophenol
Concen: 89.591 ng
RT: 16.14 min Scan# 2221
Delta R.T. -0.01 min
Lab File: BG043405.D
Acq: 30 Oct 2019 17:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 206830

Ion	Ratio	Lower	Upper
330	100		
332	94.8	76.4	114.6
141	27.5	21.4	32.0

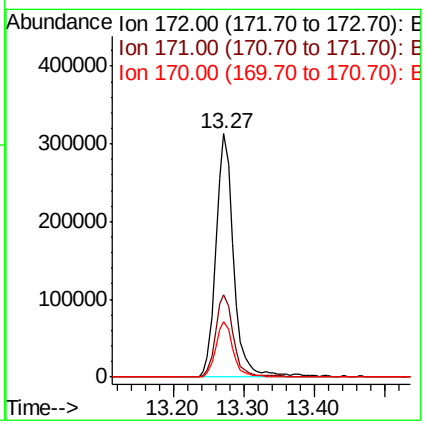


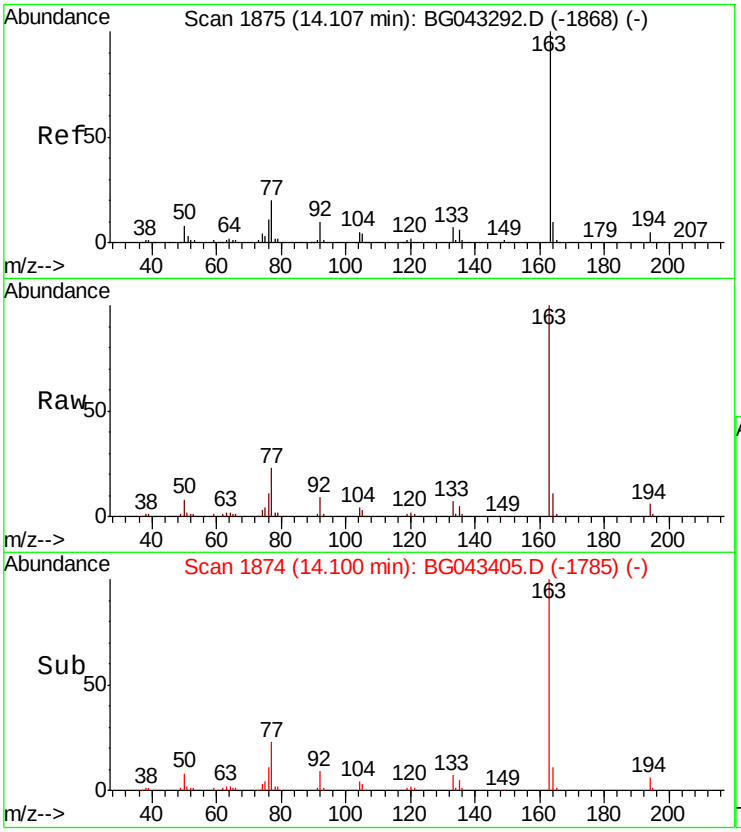


#45
2-Fluorobiphenyl
Concen: 62.233 ng
RT: 13.27 min Scan# 1733
Delta R.T. -0.01 min
Lab File: BG043405.D
Acq: 30 Oct 2019 17:58

Tgt Ion:172 Resp: 546363

Ion	Ratio	Lower	Upper
172	100		
171	34.0	28.5	42.7
170	22.5	18.8	28.2



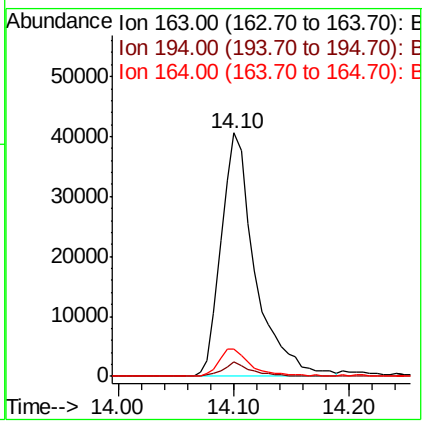


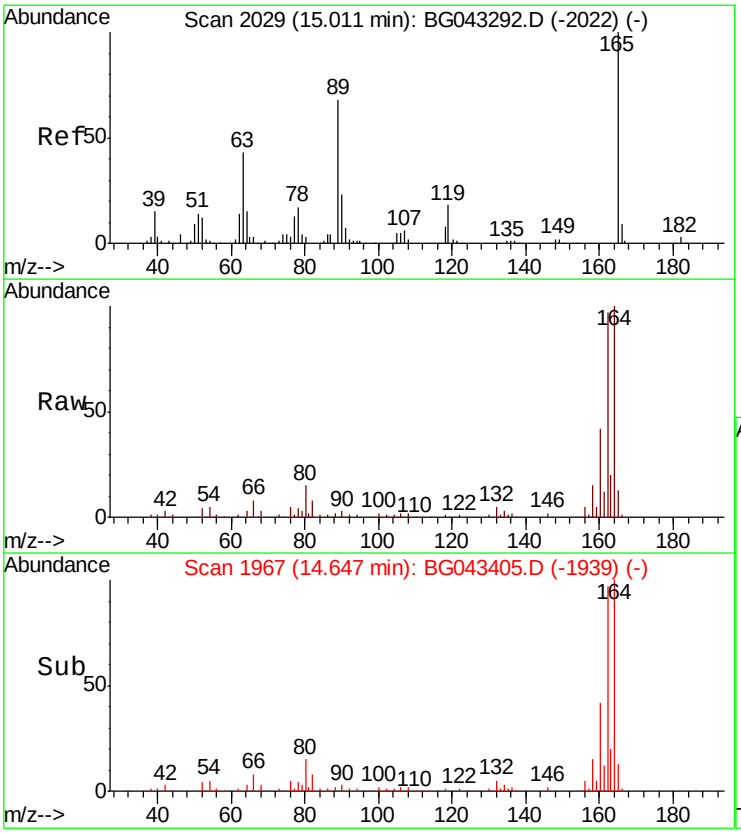
#50
Dimethylphthalate
Concen: 8.821 ng
RT: 14.10 min Scan# 1874
Delta R.T. -0.01 min
Lab File: BG043405.D
Acq: 30 Oct 2019 17:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:163 Resp: 82884

Ion	Ratio	Lower	Upper
163	100		
194	5.8	3.7	5.5#
164	11.2	8.1	12.1

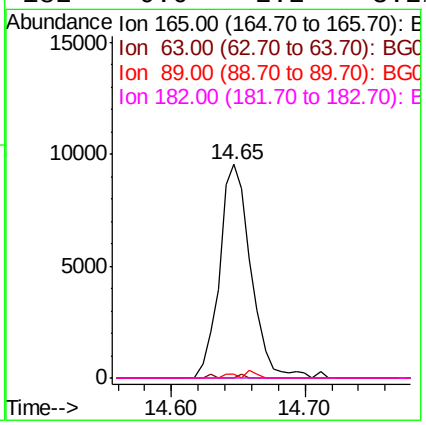


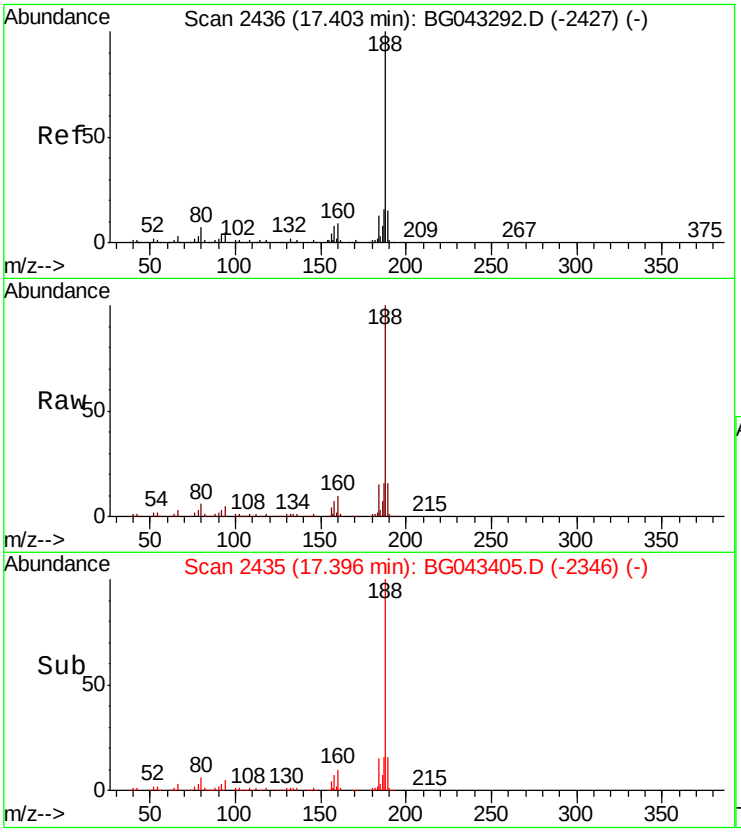


#57
2,4-Dinitrotoluene
Concen: 5.390 ng
RT: 14.65 min Scan# 1967
Delta R.T. -0.36 min
Lab File: BG043405.D
Acq: 30 Oct 2019 17:58

Tgt Ion:165 Resp: 15725

Ion	Ratio	Lower	Upper
165	100		
63	0.0	35.0	52.6#
89	1.6	54.1	81.1#
182	0.0	2.2	3.2#



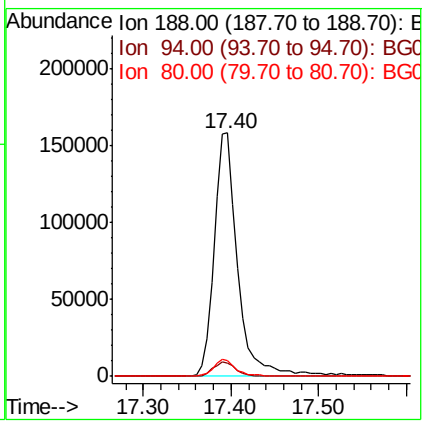


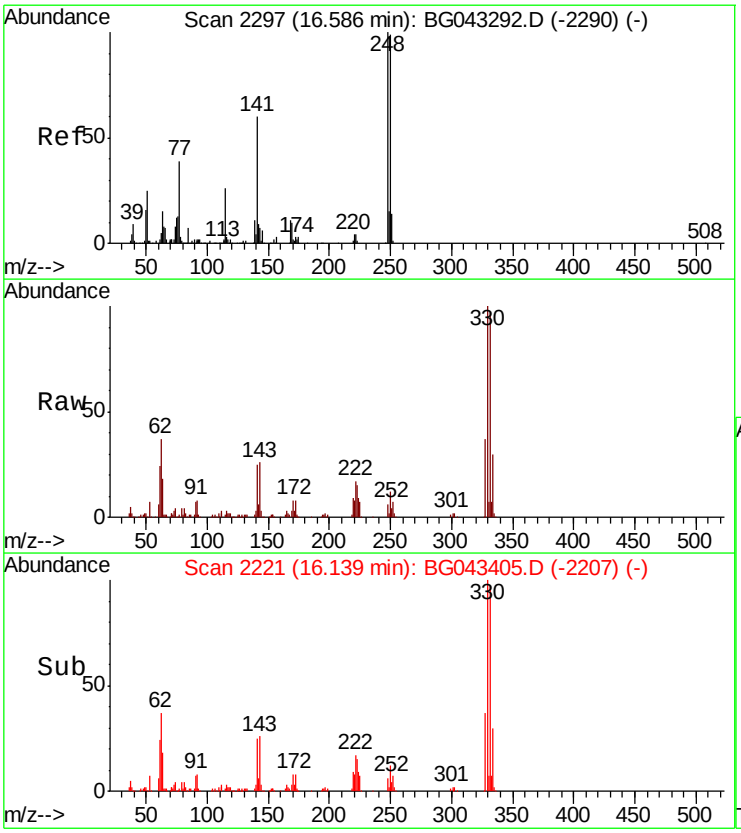
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BG043405.D
Acq: 30 Oct 2019 17:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 293789

Ion	Ratio	Lower	Upper
188	100		
94	5.3	4.2	6.2
80	6.5	5.2	7.8

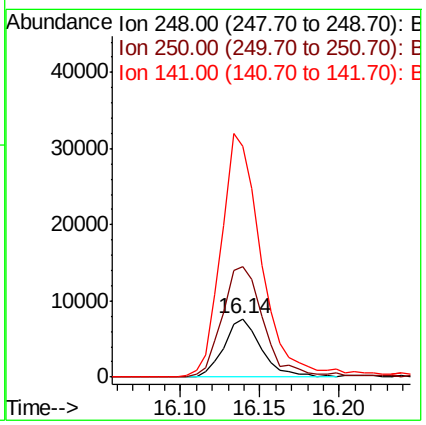


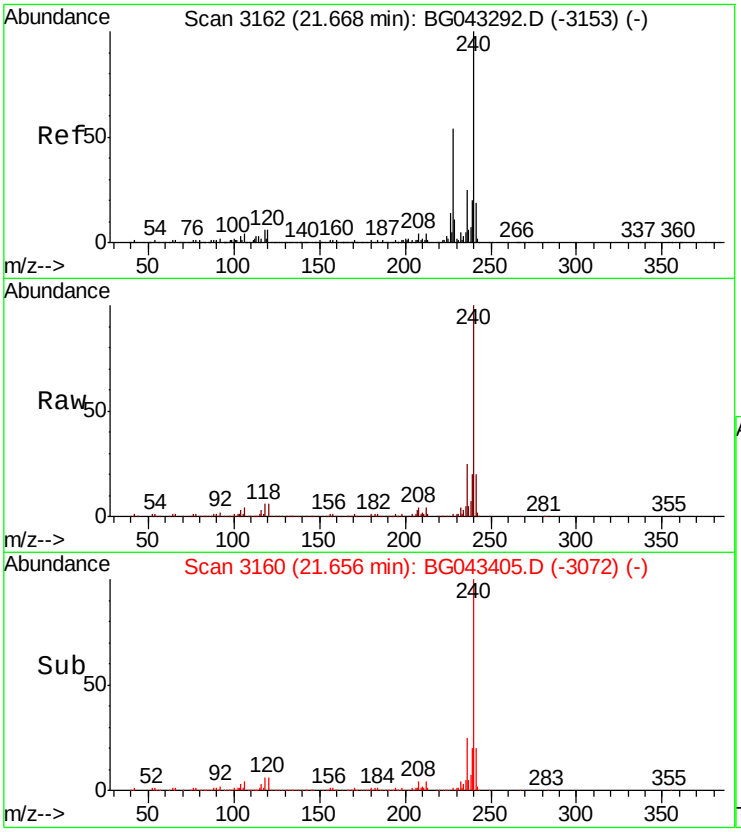


#67
4-Bromophenyl-phenylether
Concen: 3.140 ng
RT: 16.14 min Scan# 2221
Delta R.T. -0.45 min
Lab File: BG043405.D
Acq: 30 Oct 2019 17:58

Tgt Ion:248 Resp: 12413

Ion	Ratio	Lower	Upper
248	100		
250	189.5	79.3	118.9#
141	394.6	47.9	71.9#



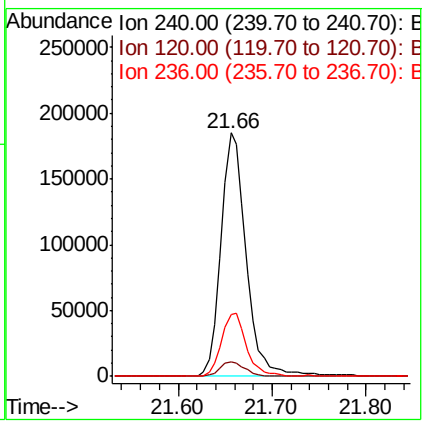


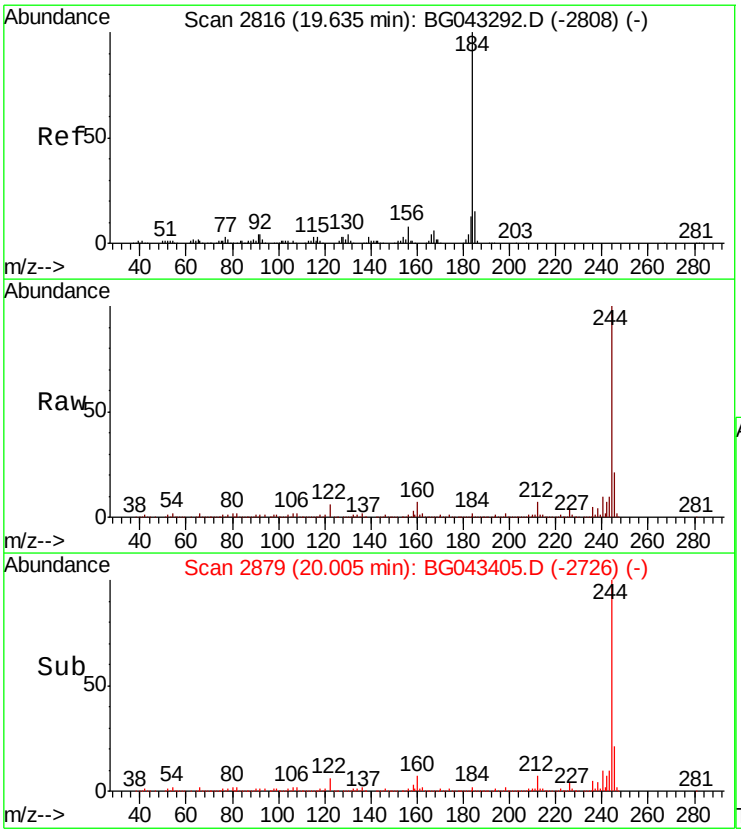
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3160
Delta R.T. -0.01 min
Lab File: BG043405.D
Acq: 30 Oct 2019 17:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 344516

Ion	Ratio	Lower	Upper
240	100		
120	5.8	4.6	7.0
236	25.4	20.2	30.4

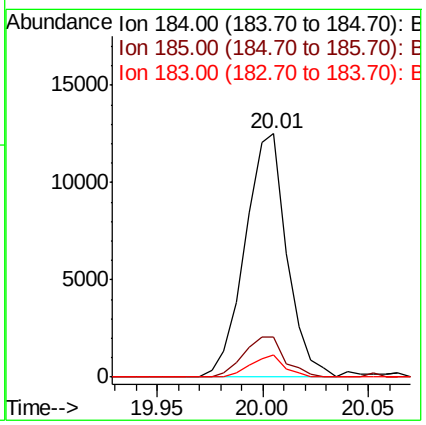


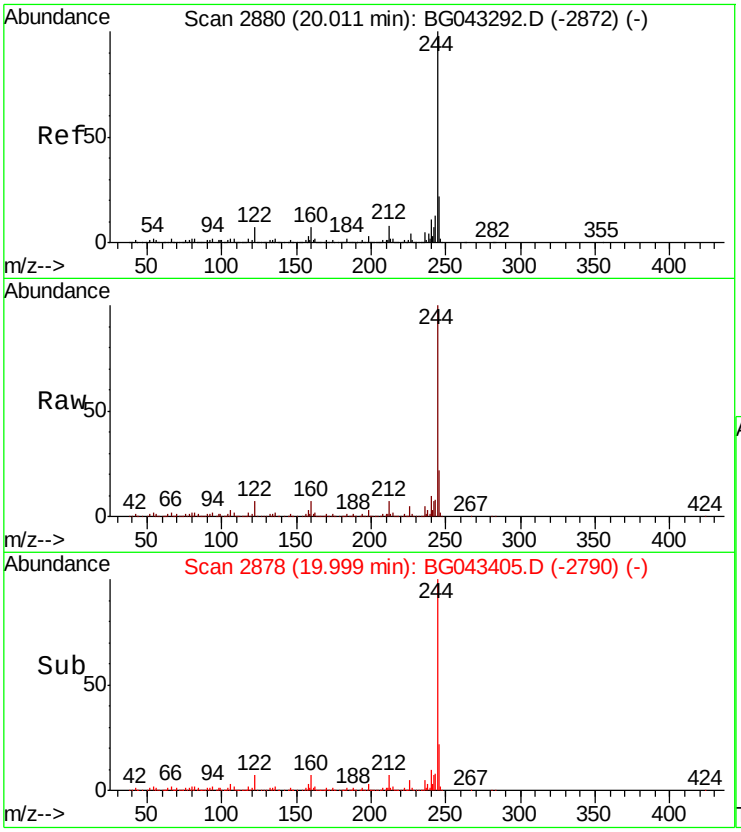


#77
Benzidine
Concen: 2.482 ng
RT: 20.01 min Scan# 2879
Delta R.T. 0.37 min
Lab File: BG043405.D
Acq: 30 Oct 2019 17:58

Tgt Ion:184 Resp: 17211

Ion	Ratio	Lower	Upper
184	100		
185	16.2	11.8	17.6
183	9.1	10.6	16.0#



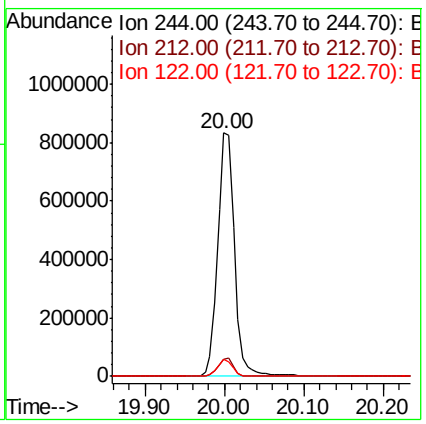


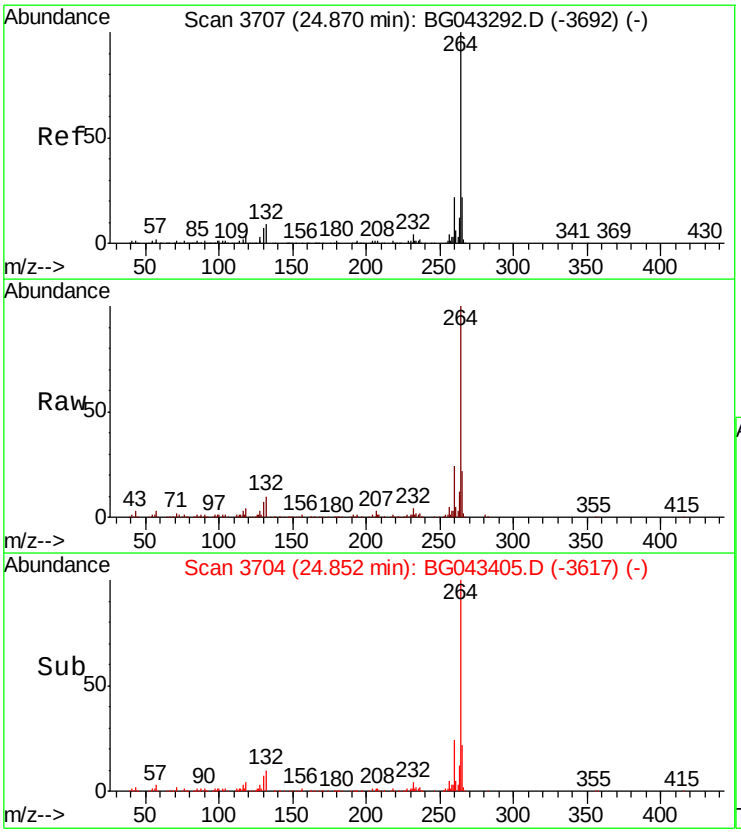
#79
Terphenyl-d14
Concen: 66.618 ng
RT: 20.00 min Scan# 2878
Delta R.T. -0.01 min
Lab File: BG043405.D
Acq: 30 Oct 2019 17:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1223360

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.4	9.6
122	6.8	5.3	7.9





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.85 min Scan# 3704
Delta R.T. -0.02 min
Lab File: BG043405.D
Acq: 30 Oct 2019 17:58

Tgt Ion:264 Resp: 403181

Ion	Ratio	Lower	Upper
264	100		
260	24.3	17.9	26.9
265	21.8	17.4	26.2