Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103019\
Data File : BG043425.D
Acq On : 31 Oct 2019 7:04
Operator : JU
Sample : K5587-12
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Oct 31 08:29:31 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	37278	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	131176	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	102787	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	252604	20.00	ng	-0.01
76) Chrysene-d12	21.66	240	301969	20.00	ng	-0.01
87) Perylene-d12	24.86	264	348934	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	276688	136.01	ng	0.00
7) Phenol-d6	7.21	99	379148	129.54	ng	0.00
23) Nitrobenzene-d5	9.18	82	233235	91.67	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	262107	134.00	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	633492	85.16	ng	0.00
79) Terphenyl-d14	20.01	244	1466188	91.09	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.21	88	8730	11.012	ng	# 1
10) Phenol	7.23	94	8644	3.232	ng	# 59
19) n-Nitroso-di-n-propylamine	9.18	70	31844	16.837	ng	# 72
50) Dimethylphthalate	14.10	163	75276	9.455	ng	99
57) 2,4-Dinitrotoluene	14.65	165	13743	5.560	ng	# 24
67) 4-Bromophenyl-phenylether	16.14	248	17126	5.038	ng	# 1
77) Benzidine	20.01	184	21933	3.609	ng	# 92

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

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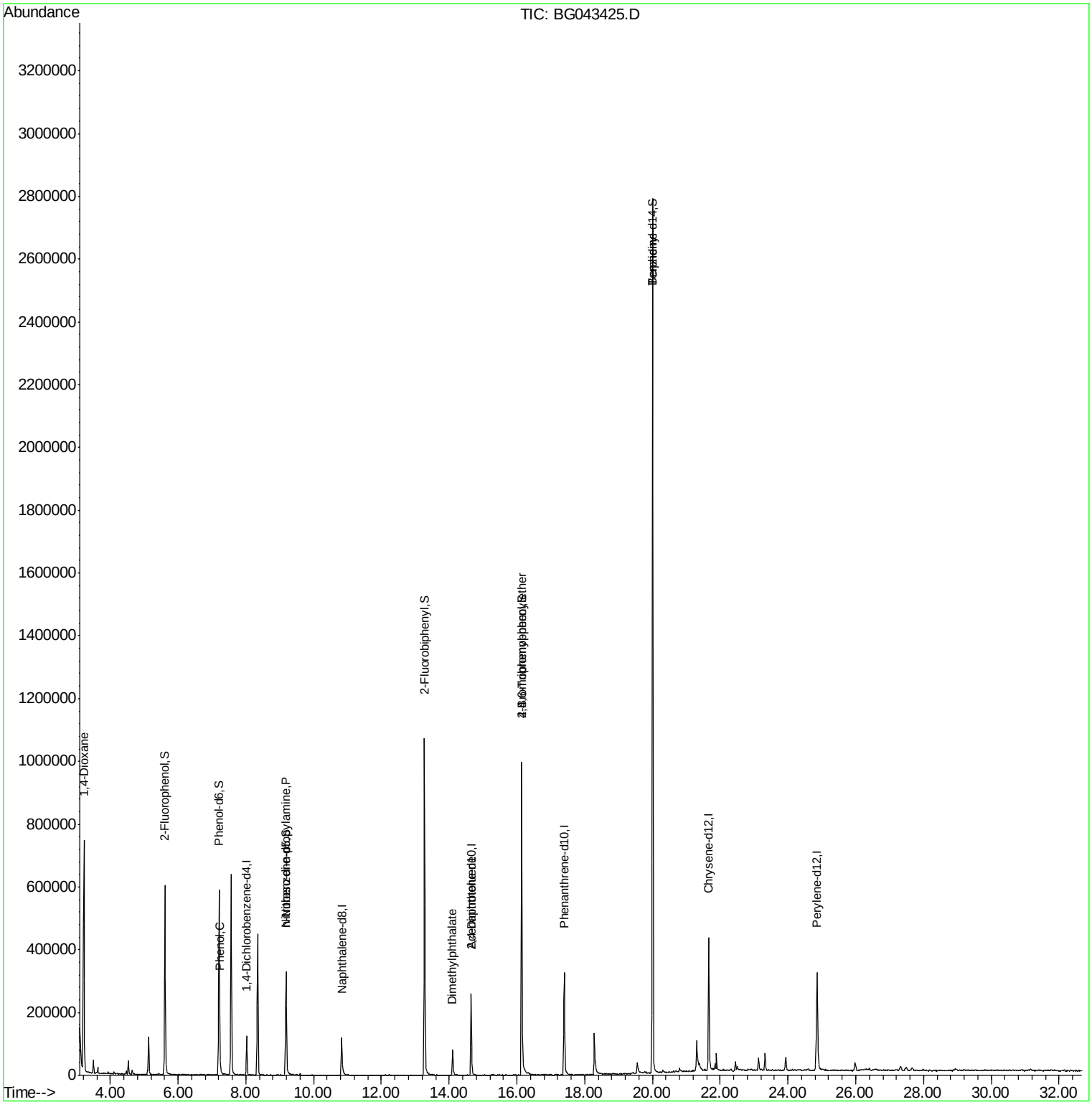
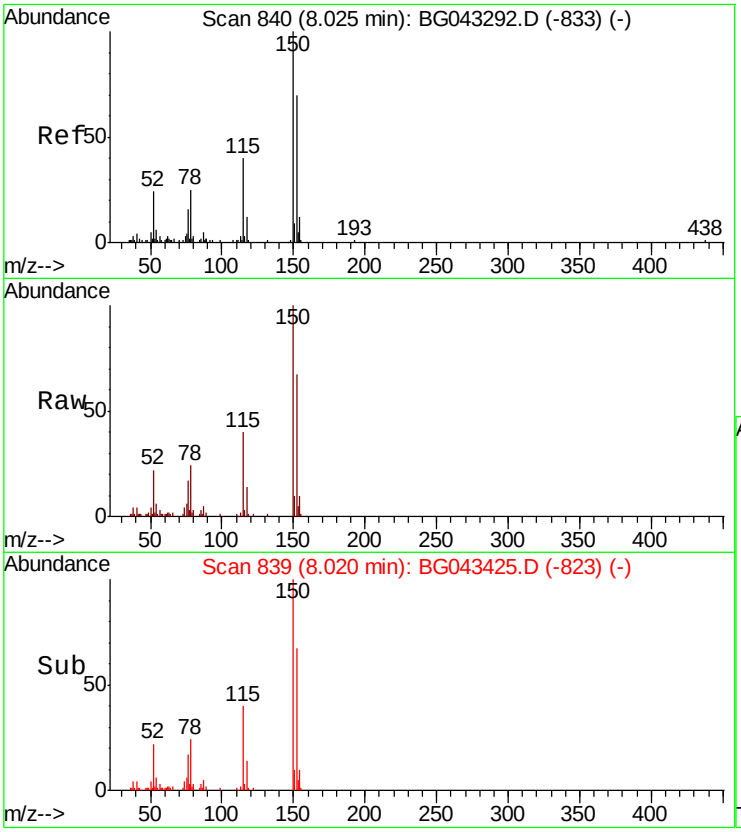


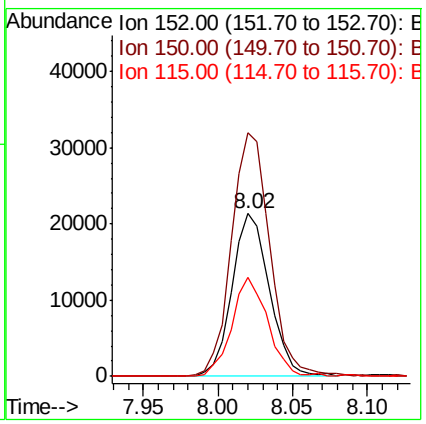


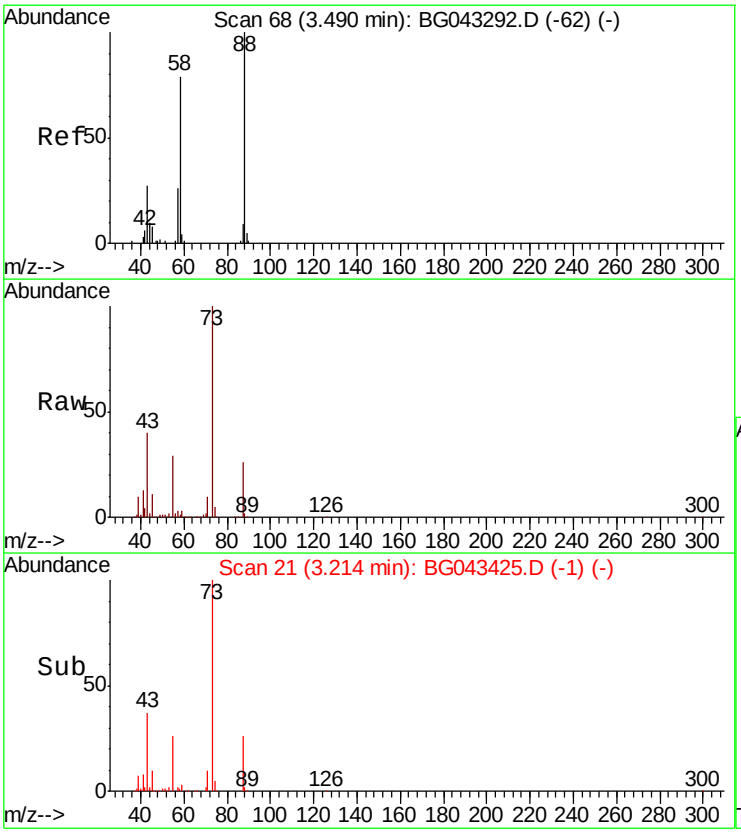
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 839
Delta R.T. -0.01 min
Lab File: BG043425.D
Acq: 31 Oct 2019 7:04

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 37278

Ion	Ratio	Lower	Upper
152	100		
150	149.5	113.6	170.4
115	60.4	45.9	68.9

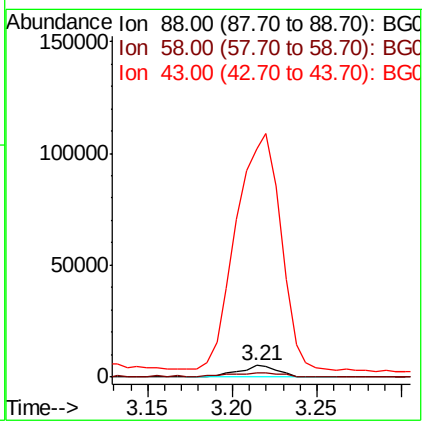


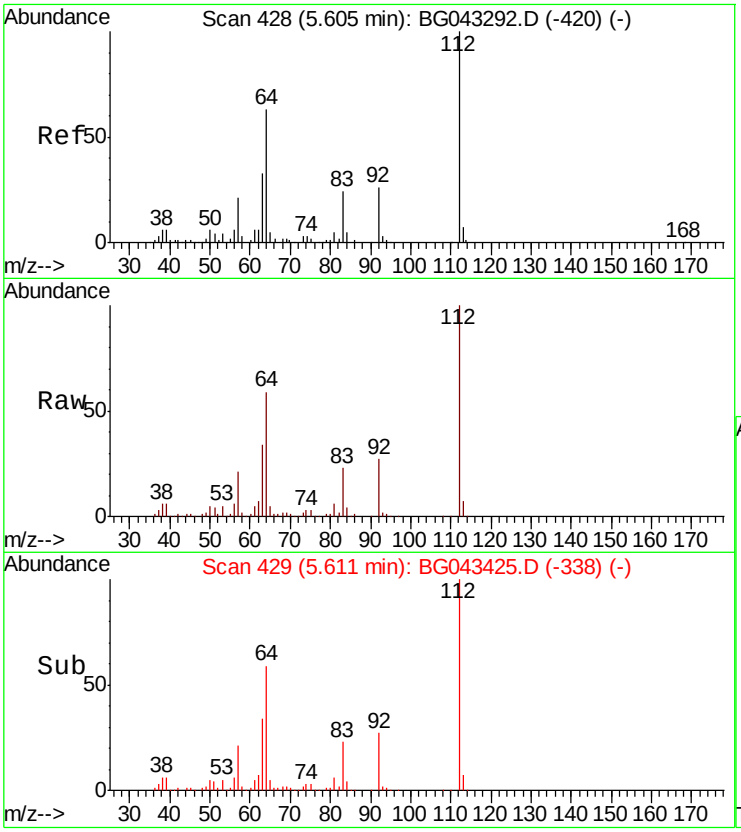


#2
1,4-Dioxane
Concen: 11.012 ng
RT: 3.21 min Scan# 21
Delta R.T. -0.28 min
Lab File: BG043425.D
Acq: 31 Oct 2019 7:04

Tgt Ion: 88 Resp: 8730

Ion	Ratio	Lower	Upper
88	100		
58	45.5	60.2	90.2#
43	2299.2	22.7	34.1#



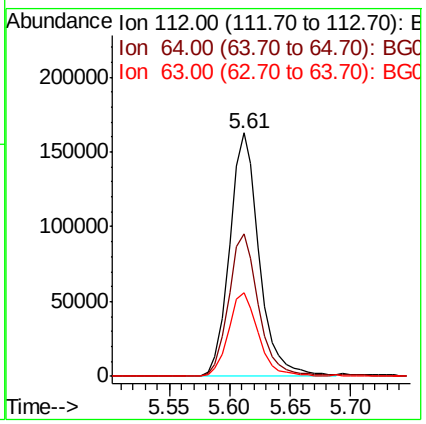


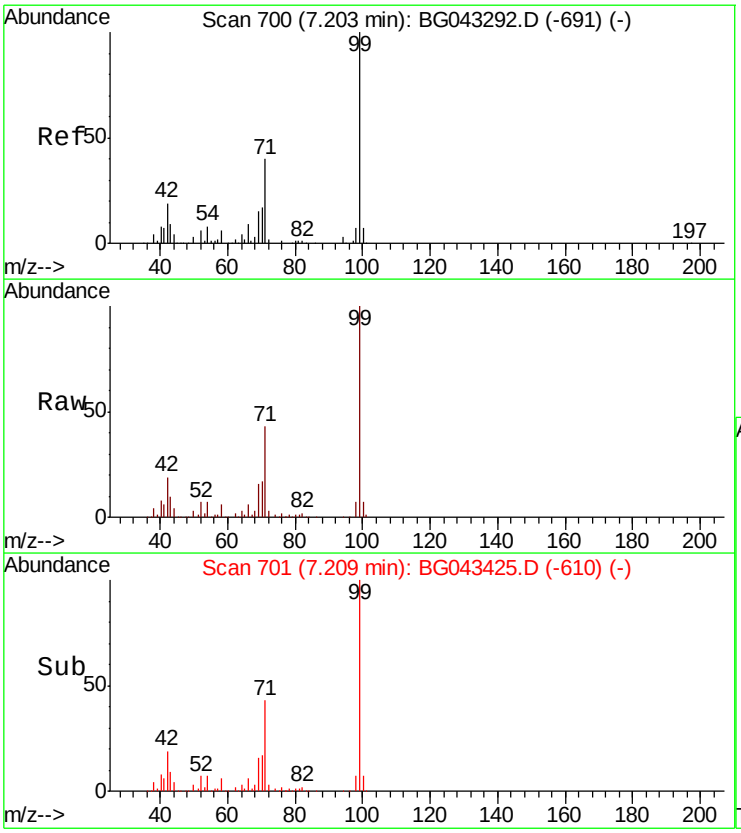
#5
2-Fluorophenol
Concen: 136.009 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.01 min
Lab File: BG043425.D
Acq: 31 Oct 2019 7:04

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:112 Resp: 276688

Ion	Ratio	Lower	Upper
112	100		
64	58.6	50.2	75.2
63	34.3	26.7	40.1

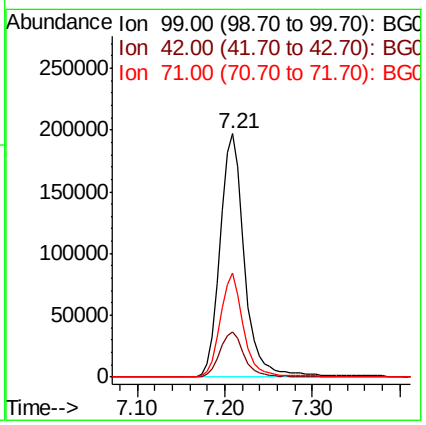


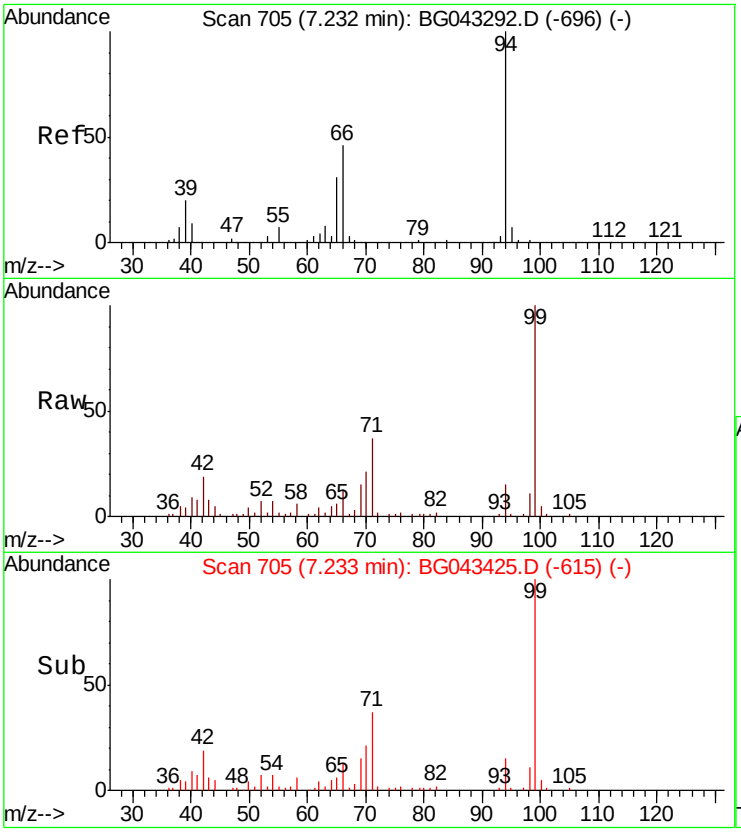


#7
Phenol-d6
Concen: 129.538 ng
RT: 7.21 min Scan# 701
Delta R.T. 0.01 min
Lab File: BG043425.D
Acq: 31 Oct 2019 7:04

Tgt Ion: 99 Resp: 379148

Ion	Ratio	Lower	Upper
99	100		
42	18.7	14.9	22.3
71	42.5	32.2	48.2



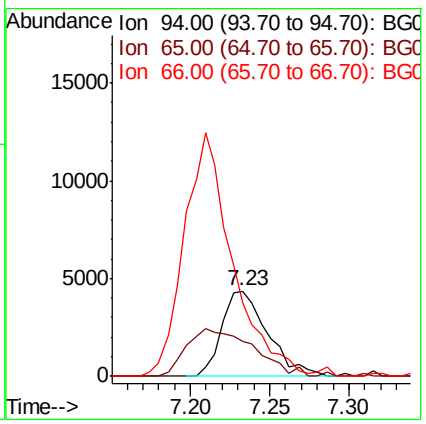


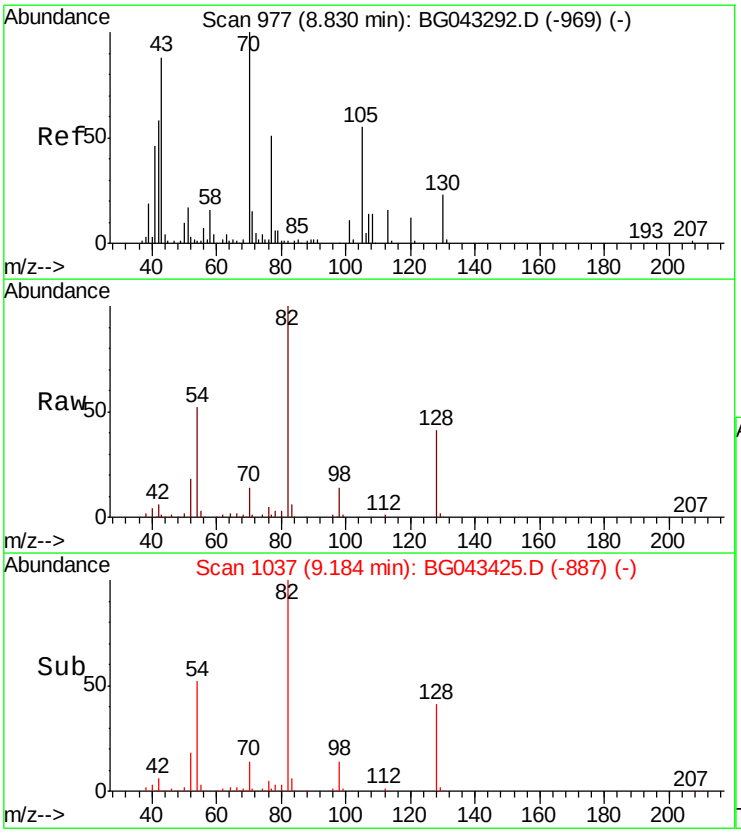
#10
Phenol
Concen: 3.232 ng
RT: 7.23 min Scan# 705
Delta R.T. 0.00 min
Lab File: BG043425.D
Acq: 31 Oct 2019 7:04

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 94 Resp: 8644

Ion	Ratio	Lower	Upper
94	100		
65	41.7	11.1	51.1
66	85.4	27.8	67.8#

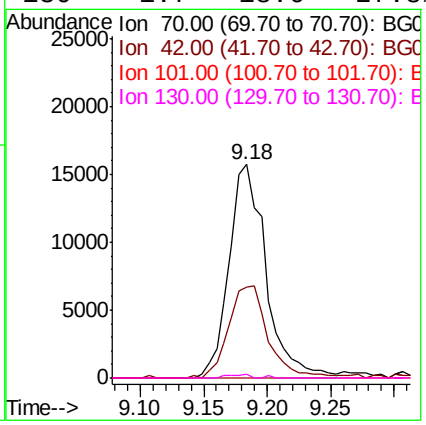


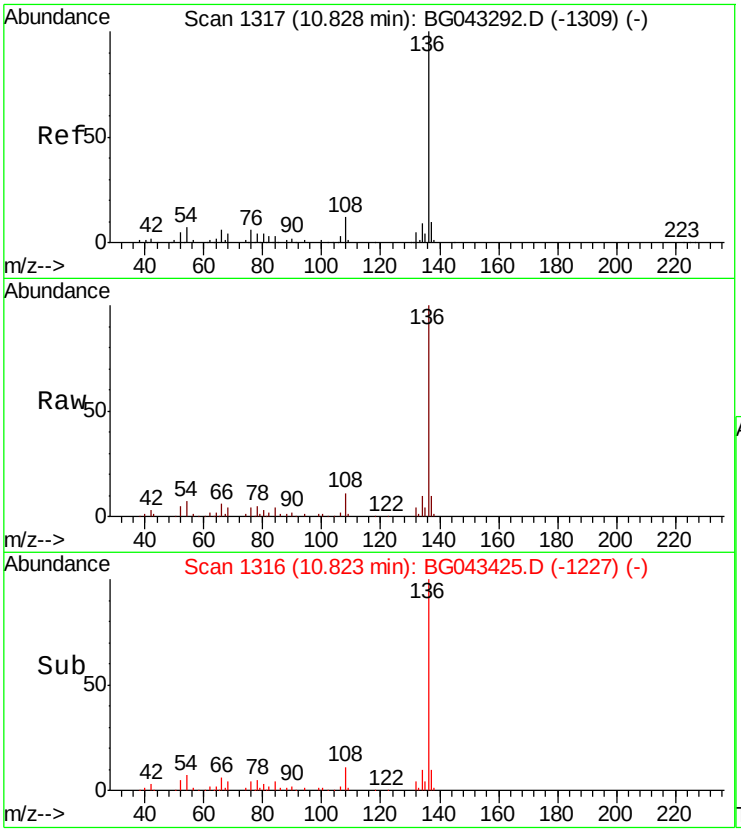


#19
n-Nitroso-di-n-propylamine
Concen: 16.837 ng
RT: 9.18 min Scan# 1037
Delta R.T. 0.35 min
Lab File: BG043425.D
Acq: 31 Oct 2019 7:04

Tgt Ion: 70 Resp: 31844

Ion	Ratio	Lower	Upper
70	100		
42	42.4	46.2	69.2#
101	0.0	8.6	13.0#
130	1.7	18.6	27.8#



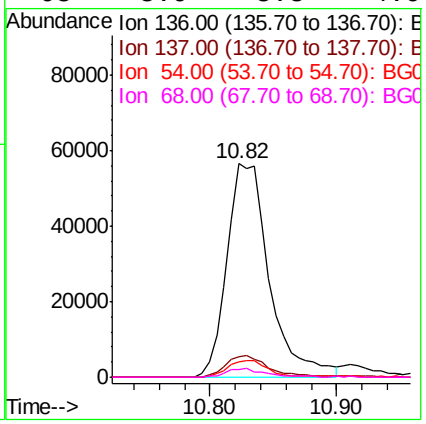


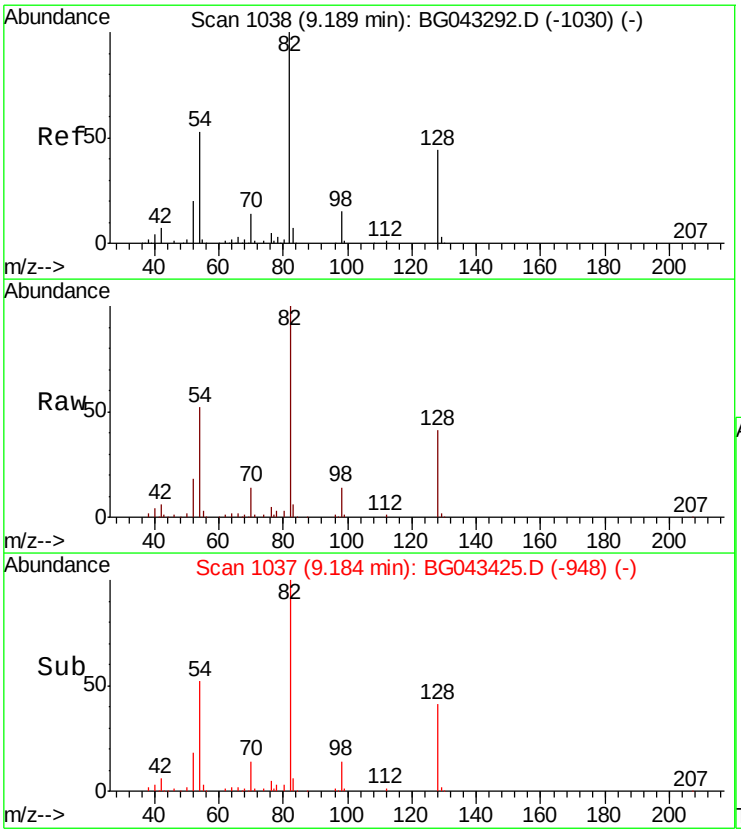
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG043425.D
Acq: 31 Oct 2019 7:04

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 131176

Ion	Ratio	Lower	Upper
136	100		
137	9.7	8.2	12.2
54	7.2	5.4	8.2
68	3.9	3.3	4.9

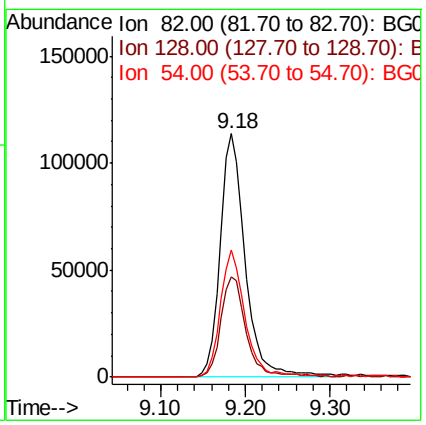


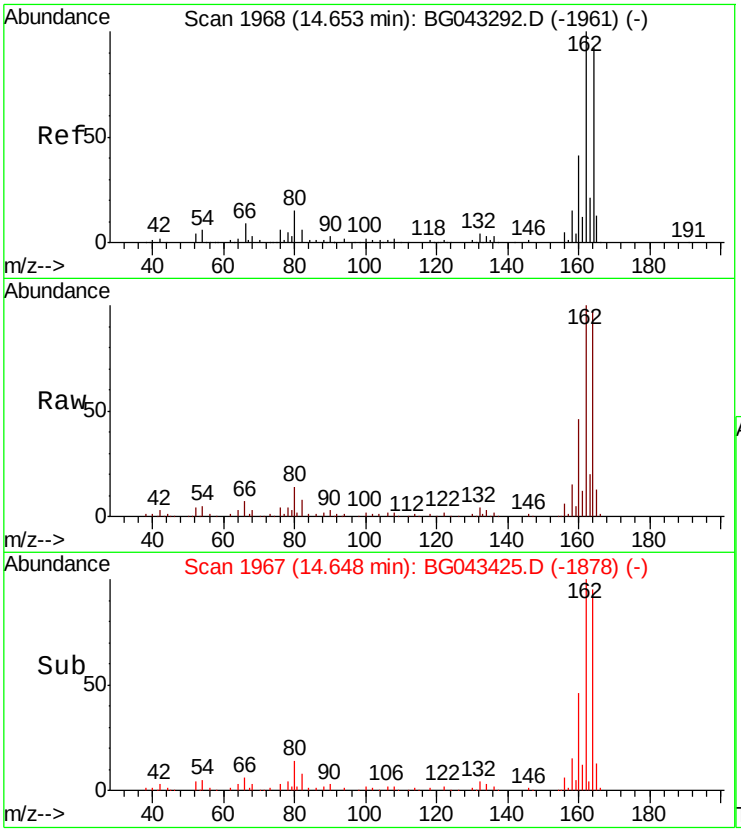


#23
Nitrobenzene-d5
Concen: 91.666 ng
RT: 9.18 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BG043425.D
Acq: 31 Oct 2019 7:04

Tgt Ion: 82 Resp: 233235

Ion	Ratio	Lower	Upper
82	100		
128	41.1	35.3	52.9
54	52.4	42.3	63.5



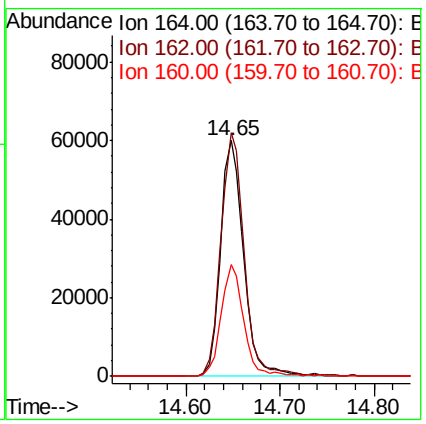


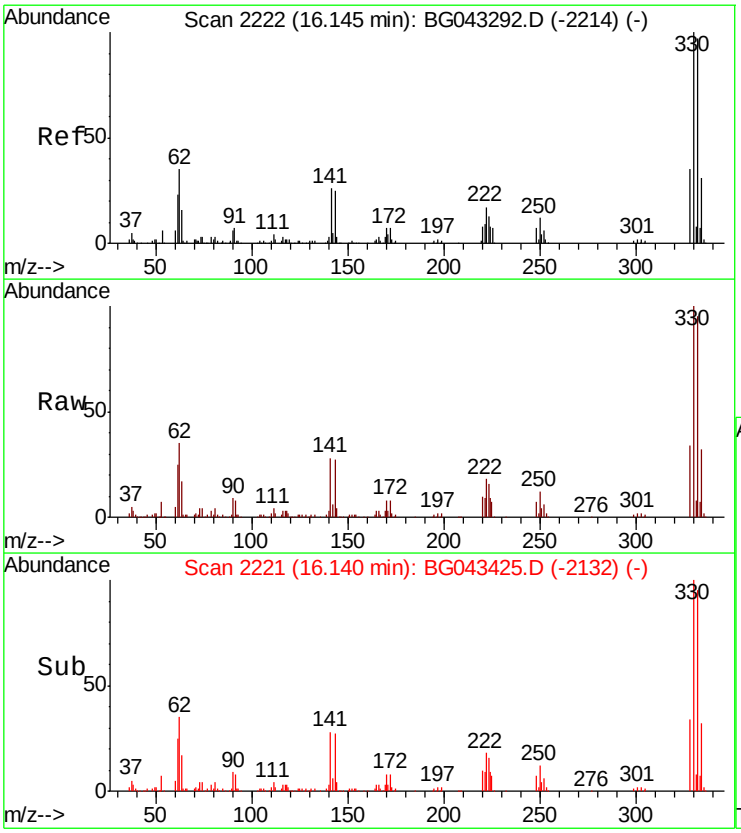
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1967
Delta R.T. -0.01 min
Lab File: BG043425.D
Acq: 31 Oct 2019 7:04

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 102787

Ion	Ratio	Lower	Upper
164	100		
162	103.3	87.0	130.4
160	47.6	35.5	53.3

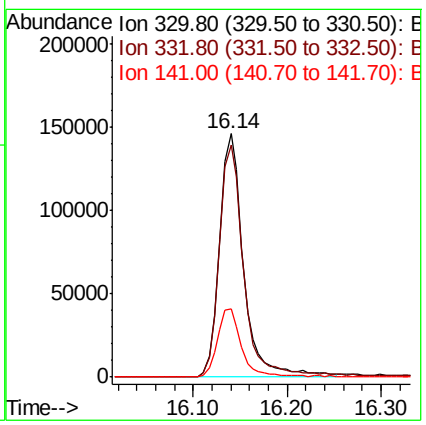


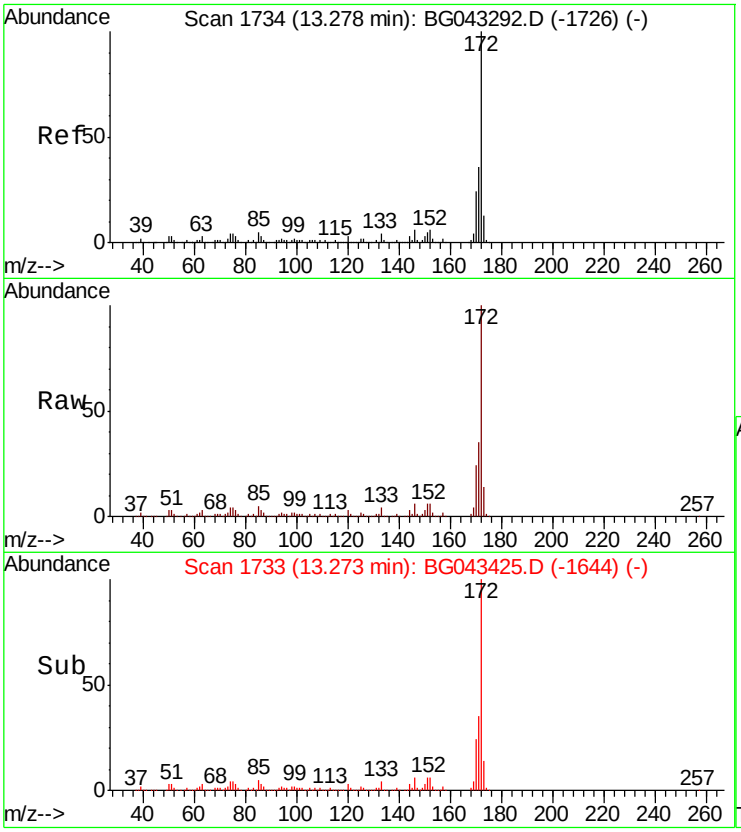


#42
2,4,6-Tribromophenol
Concen: 133.999 ng
RT: 16.14 min Scan# 2221
Delta R.T. -0.01 min
Lab File: BG043425.D
Acq: 31 Oct 2019 7:04

Tgt Ion:330 Resp: 262107

Ion	Ratio	Lower	Upper
330	100		
332	97.8	76.4	114.6
141	28.1	21.4	32.0



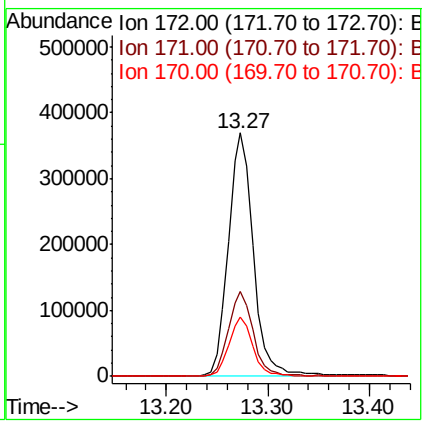


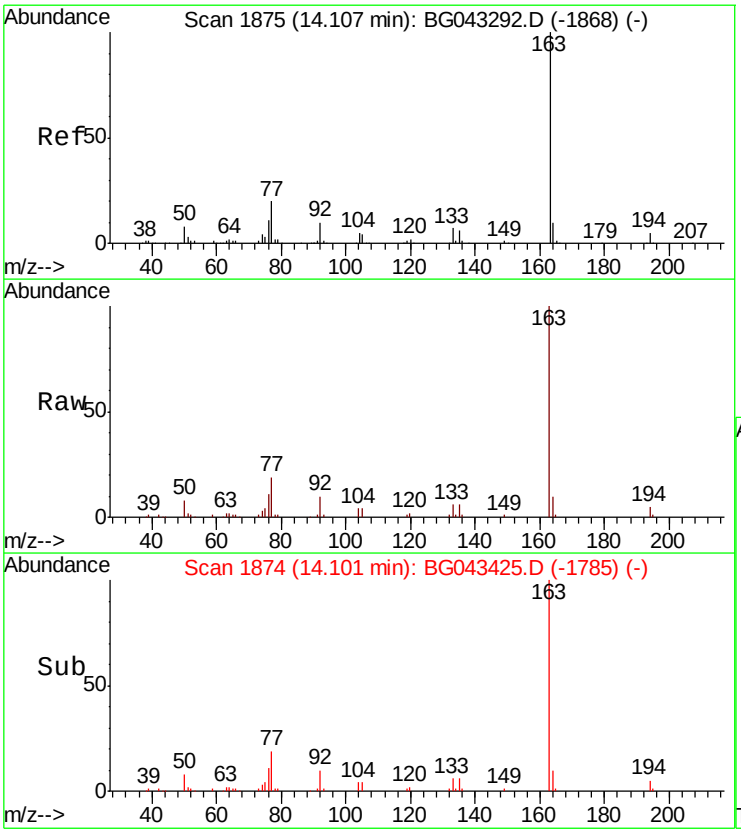
#45
2-Fluorobiphenyl
Concen: 85.163 ng
RT: 13.27 min Scan# 1733
Delta R.T. -0.01 min
Lab File: BG043425.D
Acq: 31 Oct 2019 7:04

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 633492

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.5	42.7
170	24.2	18.8	28.2

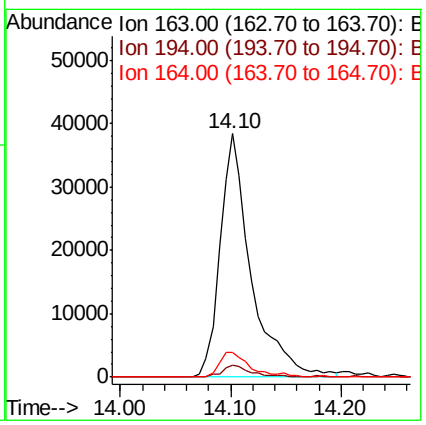


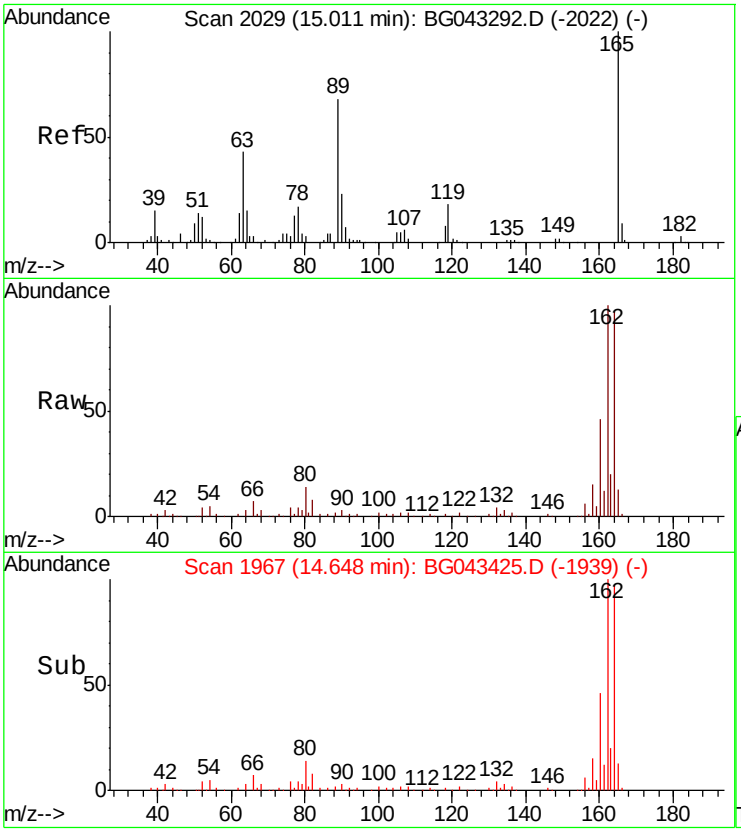


#50
Dimethylphthalate
Concen: 9.455 ng
RT: 14.10 min Scan# 1874
Delta R.T. -0.01 min
Lab File: BG043425.D
Acq: 31 Oct 2019 7:04

Tgt Ion:163 Resp: 75276

Ion	Ratio	Lower	Upper
163	100		
194	5.2	3.7	5.5
164	10.4	8.1	12.1



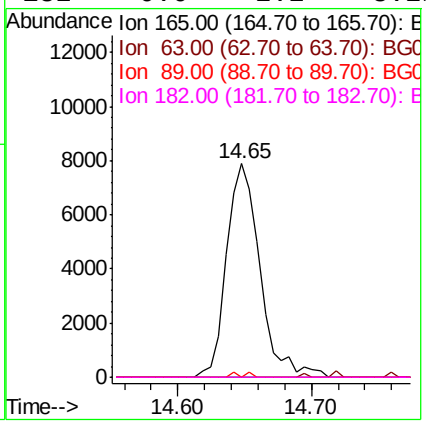


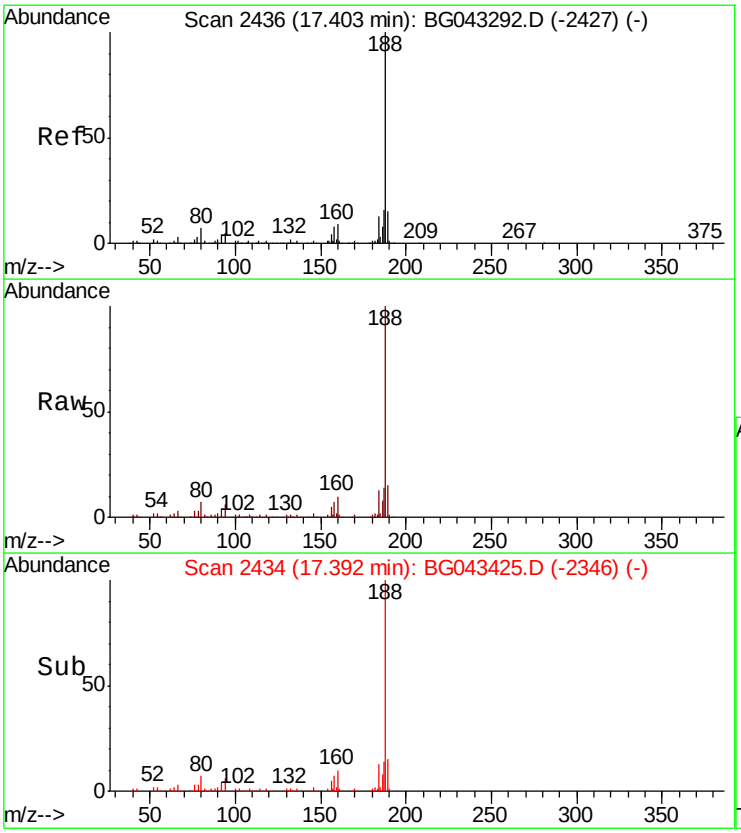
#57
2,4-Dinitrotoluene
Concen: 5.560 ng
RT: 14.65 min Scan# 1967
Delta R.T. -0.36 min
Lab File: BG043425.D
Acq: 31 Oct 2019 7:04

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 13743

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

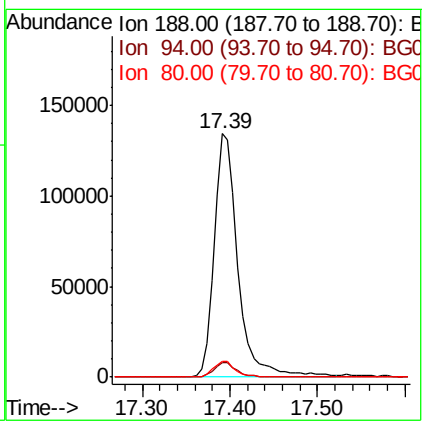


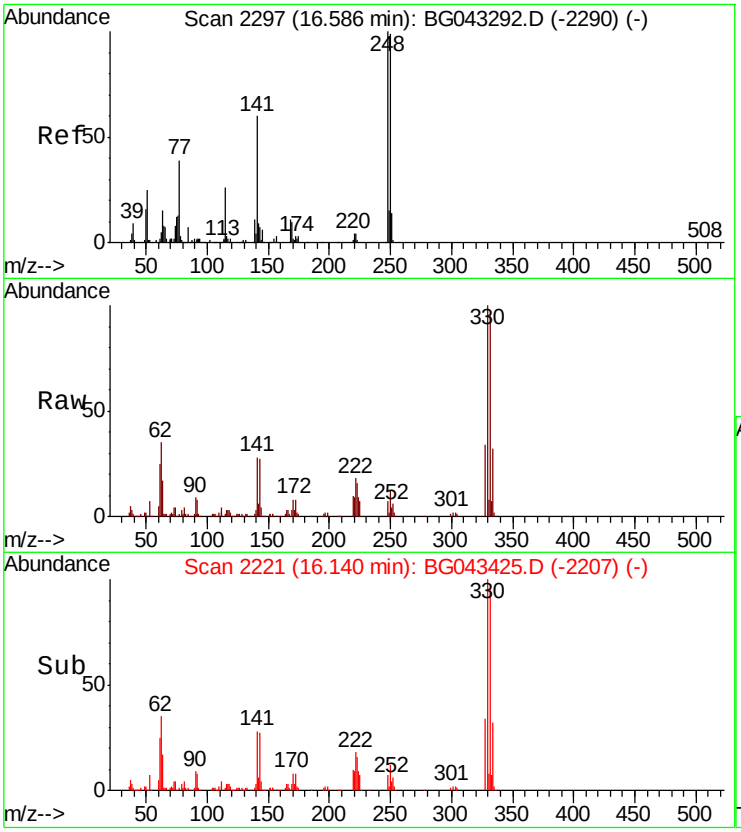


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2434
Delta R.T. -0.01 min
Lab File: BG043425.D
Acq: 31 Oct 2019 7:04

Tgt Ion:188 Resp: 252604

Ion	Ratio	Lower	Upper
188	100		
94	5.8	4.2	6.2
80	6.6	5.2	7.8



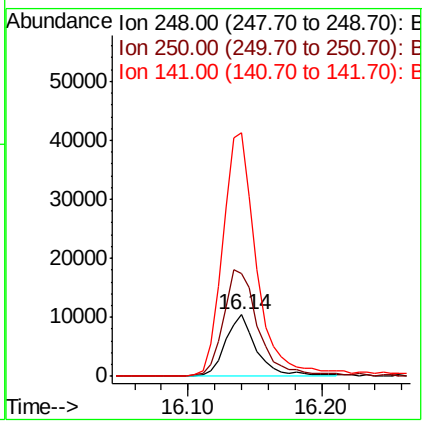


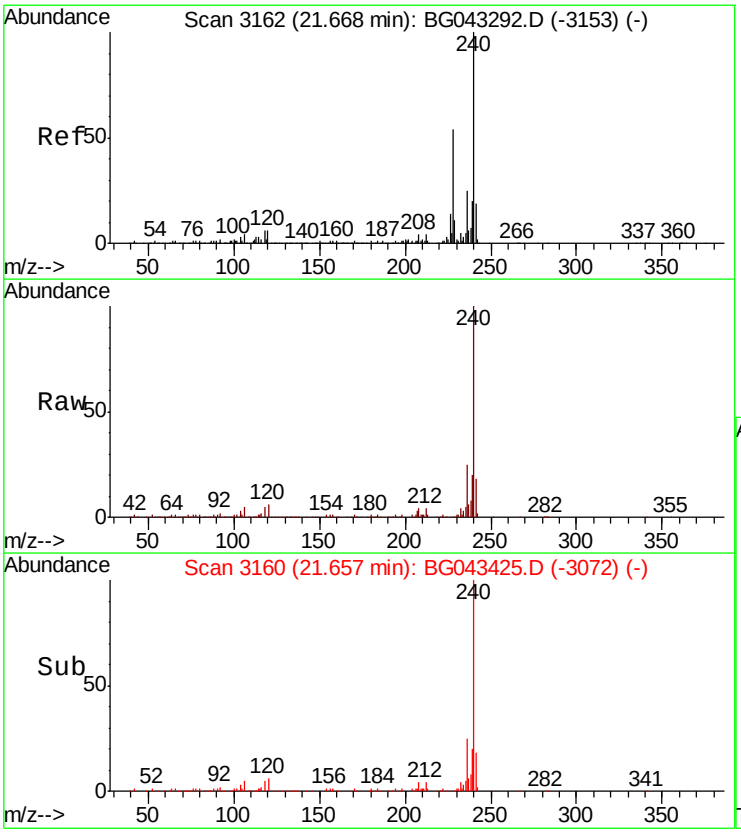
#67
4-Bromophenyl-phenylether
Concen: 5.038 ng
RT: 16.14 min Scan# 2221
Delta R.T. -0.45 min
Lab File: BG043425.D
Acq: 31 Oct 2019 7:04

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 17126

Ion	Ratio	Lower	Upper
248	100		
250	166.9	79.3	118.9#
141	395.2	47.9	71.9#

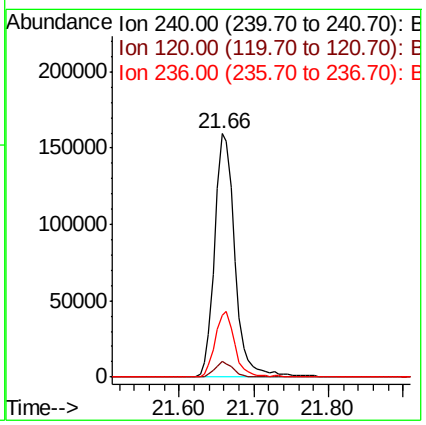


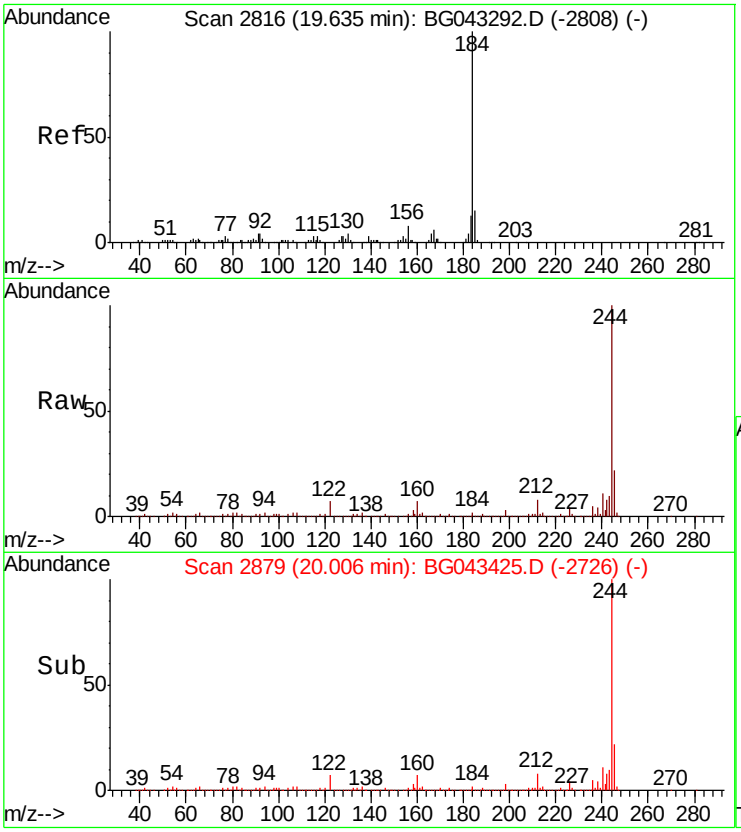


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3160
Delta R.T. -0.01 min
Lab File: BG043425.D
Acq: 31 Oct 2019 7:04

Tgt Ion:240 Resp: 301969

Ion	Ratio	Lower	Upper
240	100		
120	6.2	4.6	7.0
236	25.4	20.2	30.4



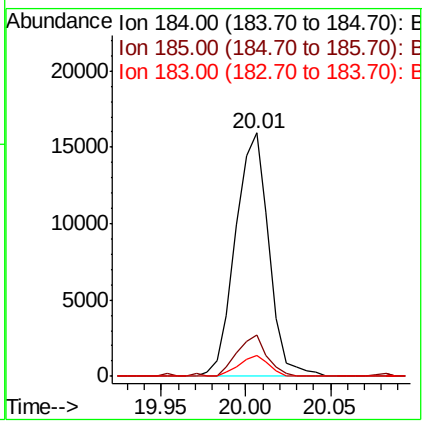


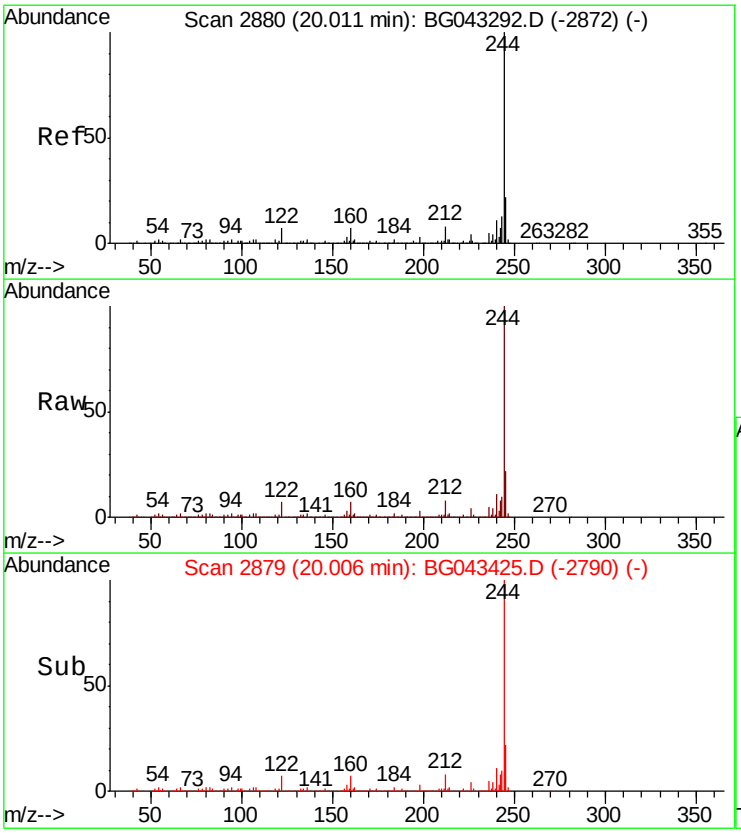
#77
Benzidine
Concen: 3.609 ng
RT: 20.01 min Scan# 2879
Delta R.T. 0.37 min
Lab File: BG043425.D
Acq: 31 Oct 2019 7:04

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 21933

Ion	Ratio	Lower	Upper
184	100		
185	17.1	11.8	17.6
183	8.8	10.6	16.0#

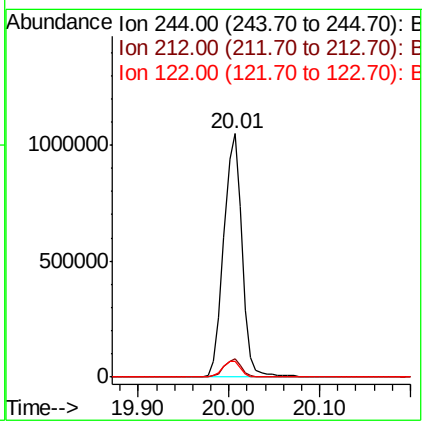


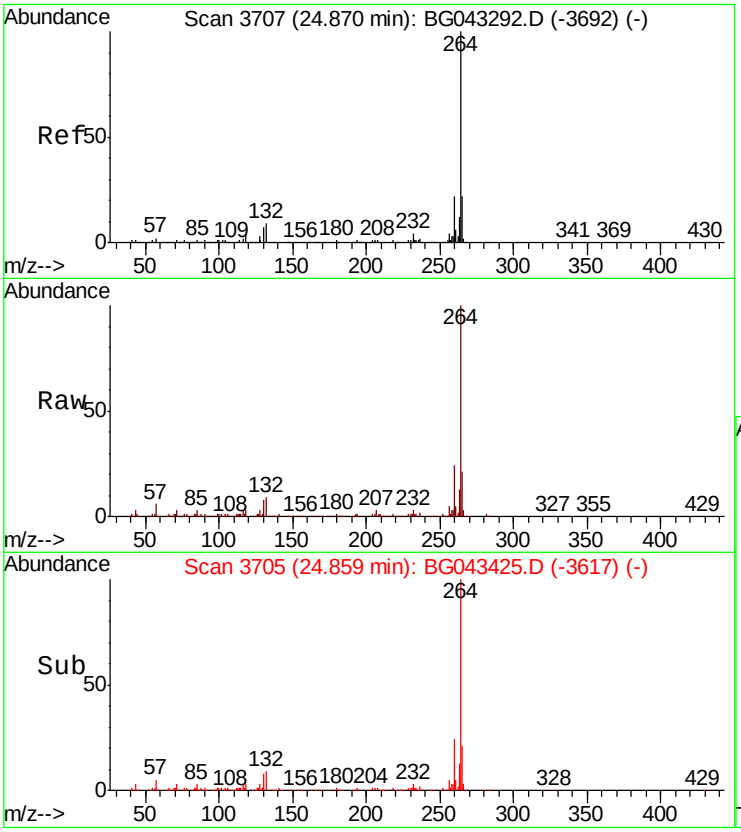


#79
Terphenyl-d14
Concen: 91.091 ng
RT: 20.01 min Scan# 2879
Delta R.T. -0.01 min
Lab File: BG043425.D
Acq: 31 Oct 2019 7:04

Tgt Ion:244 Resp: 1466188

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.4	9.6
122	6.7	5.3	7.9





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.86 min Scan# 3705
Delta R.T. -0.01 min
Lab File: BG043425.D
Acq: 31 Oct 2019 7:04

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 348934

Ion	Ratio	Lower	Upper
264	100		
260	24.2	17.9	26.9
265	20.9	17.4	26.2