Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103119\
Data File : BG043456.D
Acq On : 1 Nov 2019 6:44
Operator : JU
Sample : PB124468TB
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Nov 01 07:59:55 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	39888	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	146048	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	111607	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	270353	20.00	ng	0.00
76) Chrysene-d12	21.66	240	276925	20.00	ng	0.00
87) Perylene-d12	24.86	264	325703	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	263633	121.11	ng	0.00
7) Phenol-d6	7.21	99	396513	126.61	ng	0.00
23) Nitrobenzene-d5	9.18	82	256430	90.52	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	268744	126.53	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	691306	85.59	ng	0.00
79) Terphenyl-d14	20.00	244	1373078	93.02	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.19	88	7612	8.974	ng	# 1
10) Phenol	7.23	94	6066	2.120	ng	# 32
19) n-Nitroso-di-n-propylamine	9.18	70	36032	17.805	ng	# 78
50) Dimethylphthalate	14.10	163	63940	7.396	ng	97
57) 2,4-Dinitrotoluene	14.64	165	14258	5.312	ng	# 27
67) 4-Bromophenyl-phenylether	16.14	248	16223	4.459	ng	# 1
77) Benzidine	19.63	184	242551	43.521	ng	99

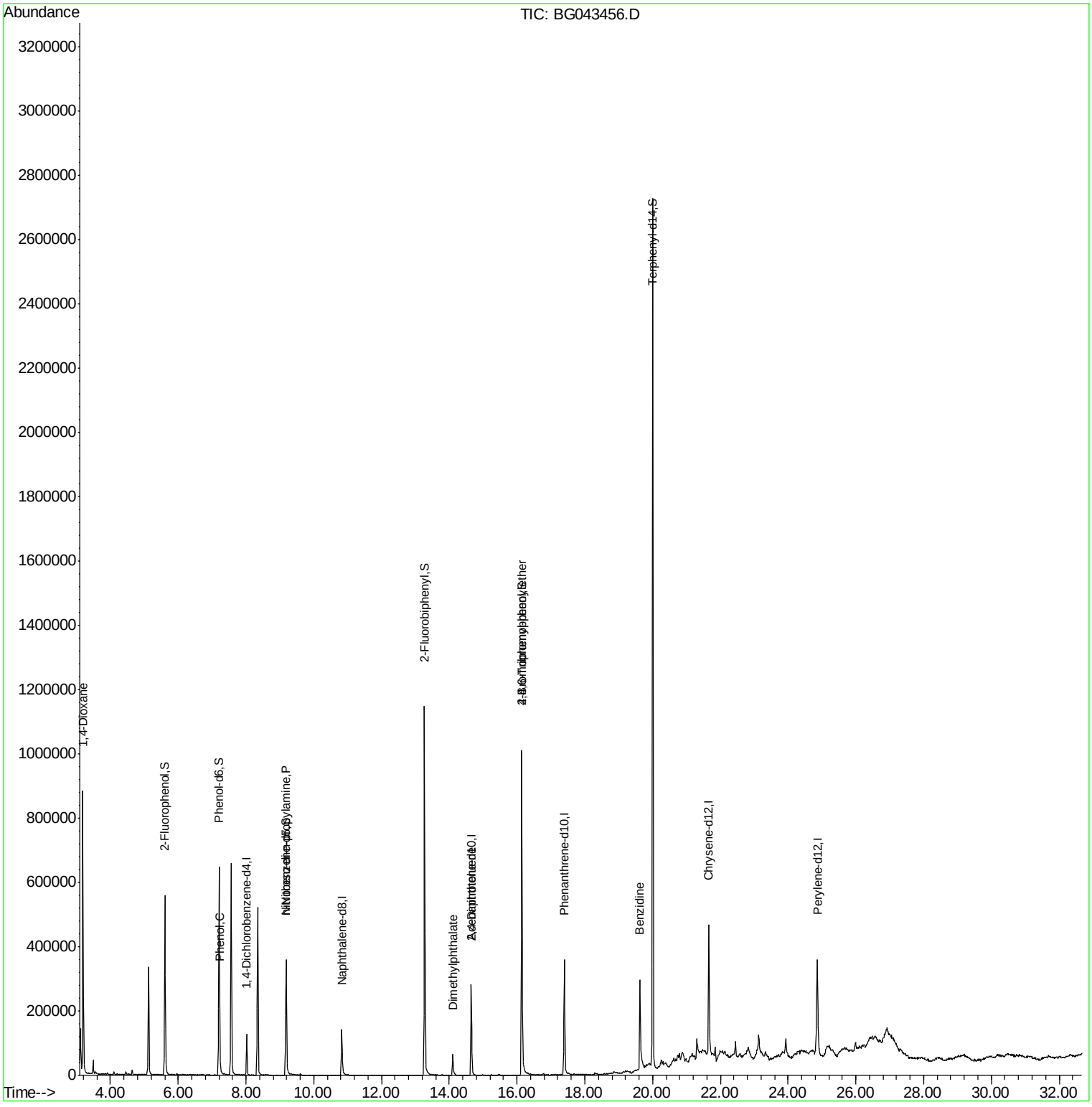
(#) = qualifier out of range (m) = manual integration (+) = signals summed

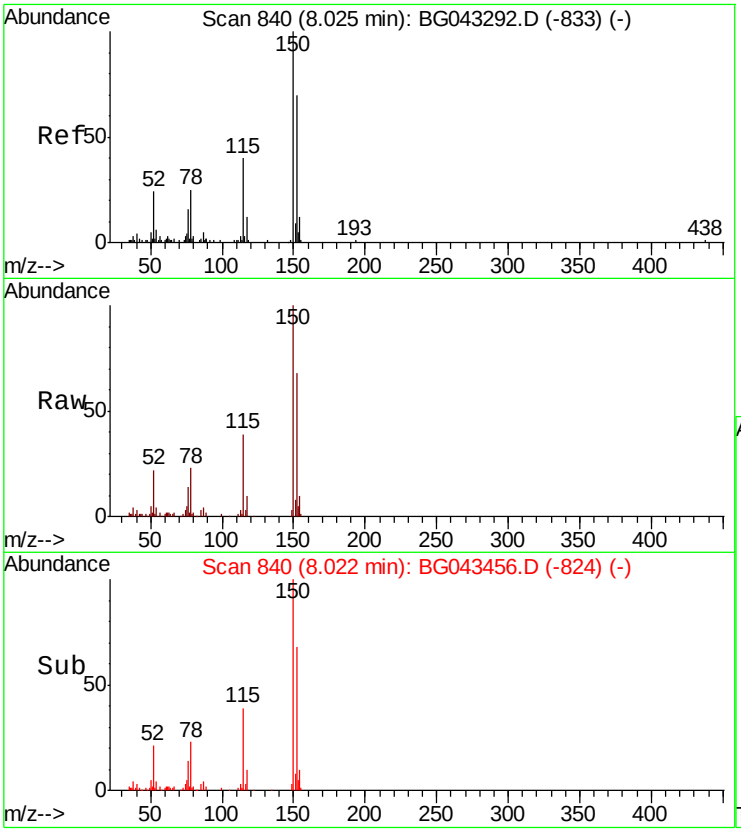
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103119\
Data File : BG043456.D
Acq On : 1 Nov 2019 6:44
Operator : JU
Sample : PB124468TB
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Nov 01 07:59:55 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



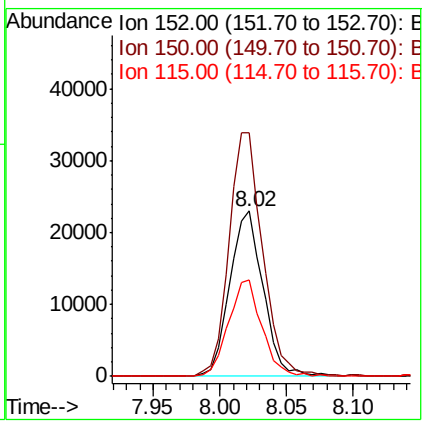


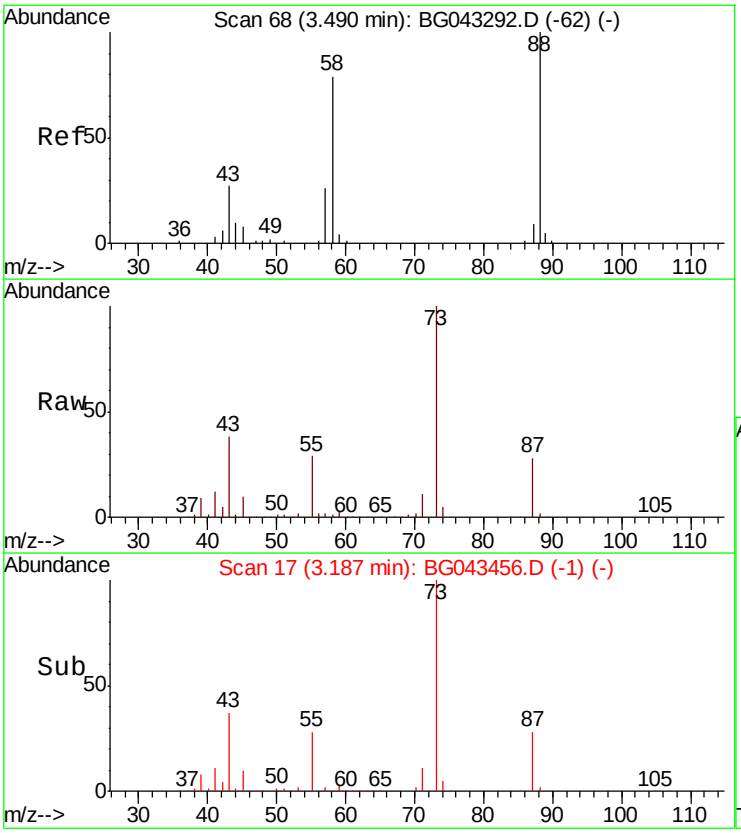
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.00 min
Lab File: BG043456.D
Acq: 1 Nov 2019 6:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 39888

Ion	Ratio	Lower	Upper
152	100		
150	147.6	113.6	170.4
115	58.1	45.9	68.9

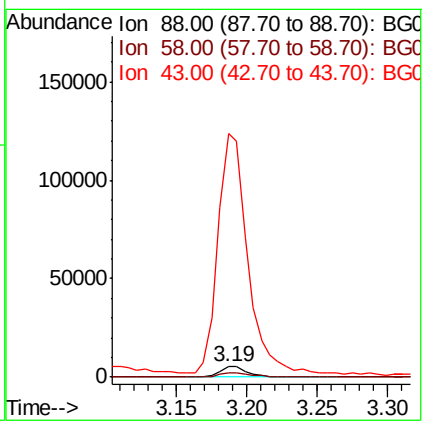


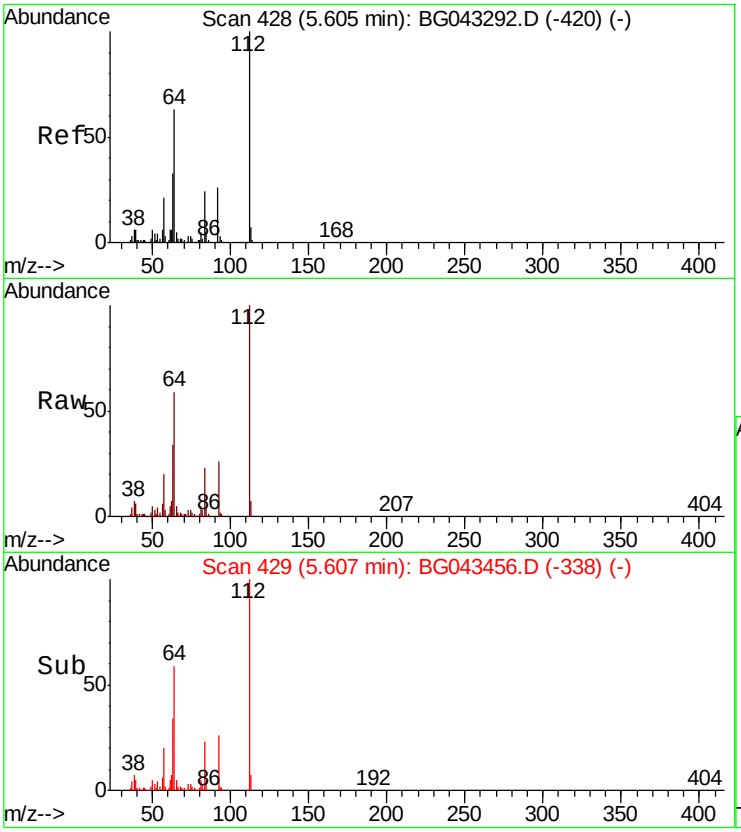


#2
1,4-Dioxane
Concen: 8.974 ng
RT: 3.19 min Scan# 17
Delta R.T. -0.30 min
Lab File: BG043456.D
Acq: 1 Nov 2019 6:44

Tgt Ion: 88 Resp: 7612

Ion	Ratio	Lower	Upper
88	100		
58	33.6	60.2	90.2#
43	2347.8	22.7	34.1#



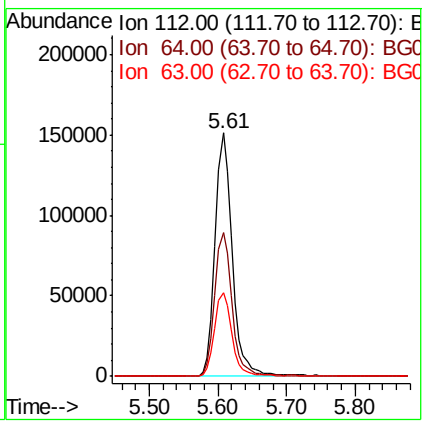


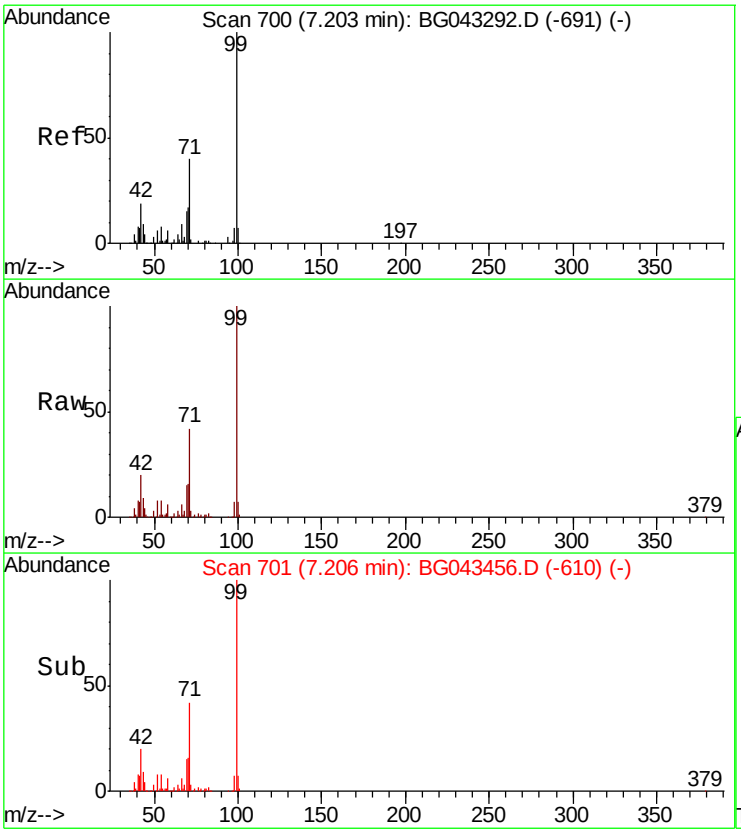
#5
2-Fluorophenol
Concen: 121.113 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.00 min
Lab File: BG043456.D
Acq: 1 Nov 2019 6:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:112 Resp: 263633

Ion	Ratio	Lower	Upper
112	100		
64	59.3	50.2	75.2
63	34.2	26.7	40.1

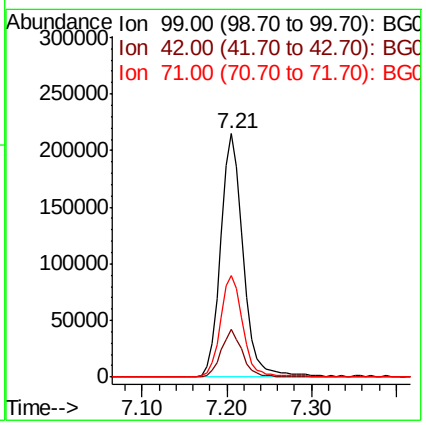


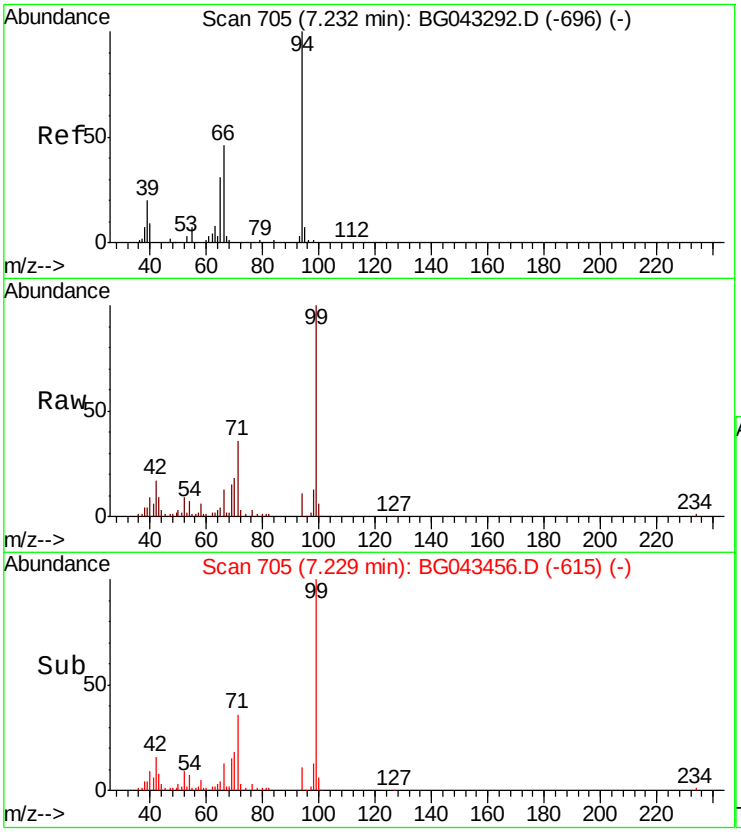


#7
Phenol-d6
Concen: 126.607 ng
RT: 7.21 min Scan# 701
Delta R.T. 0.00 min
Lab File: BG043456.D
Acq: 1 Nov 2019 6:44

Tgt Ion: 99 Resp: 396513

Ion	Ratio	Lower	Upper
99	100		
42	19.8	14.9	22.3
71	41.9	32.2	48.2



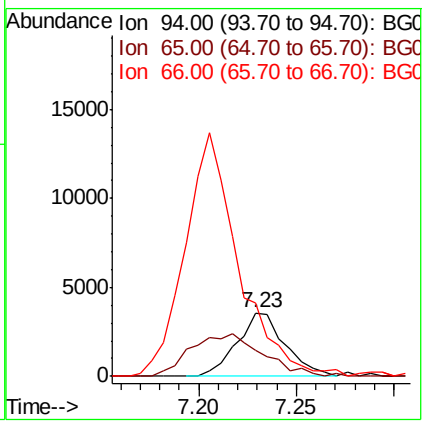


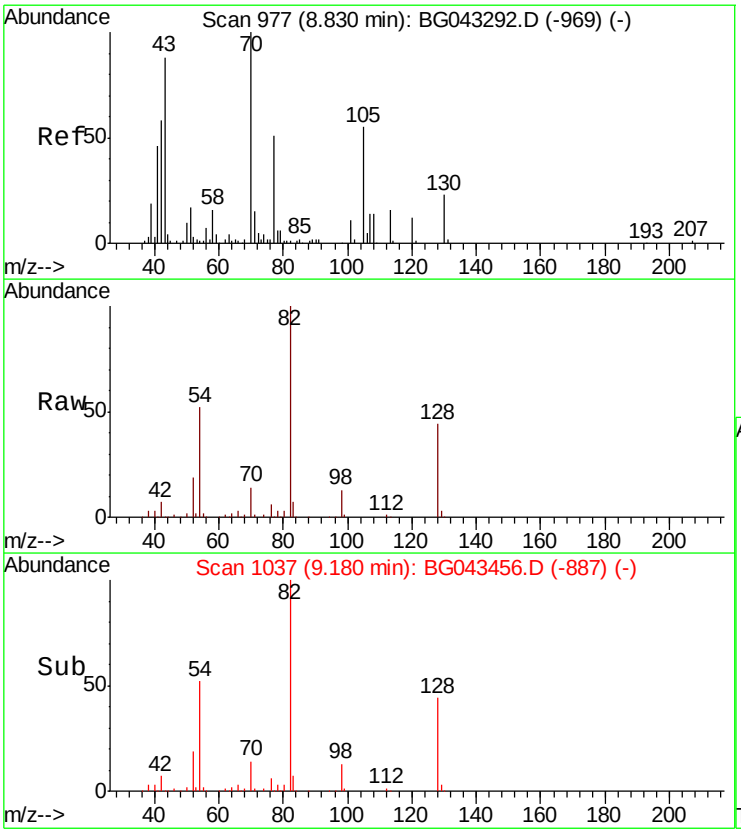
#10
Phenol
Concen: 2.120 ng
RT: 7.23 min Scan# 705
Delta R.T. -0.00 min
Lab File: BG043456.D
Acq: 1 Nov 2019 6:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 94 Resp: 6066

Ion	Ratio	Lower	Upper
94	100		
65	40.4	11.1	51.1
66	115.8	27.8	67.8#

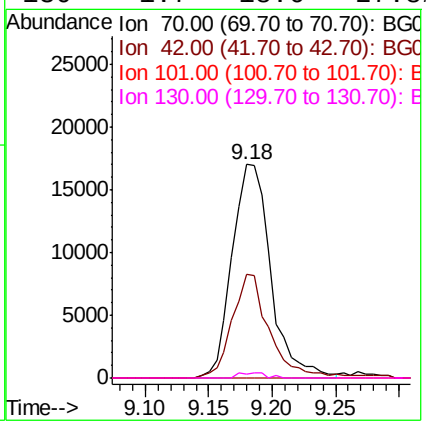


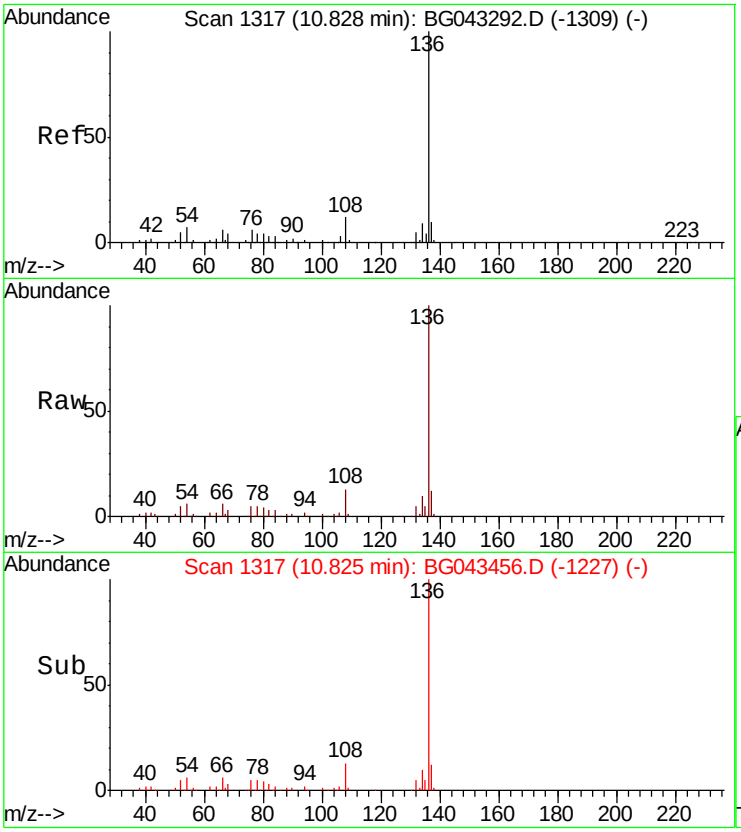


#19
n-Nitroso-di-n-propylamine
Concen: 17.805 ng
RT: 9.18 min Scan# 1037
Delta R.T. 0.35 min
Lab File: BG043456.D
Acq: 1 Nov 2019 6:44

Tgt Ion: 70 Resp: 36032

Ion	Ratio	Lower	Upper
70	100		
42	48.6	46.2	69.2
101	0.0	8.6	13.0#
130	1.7	18.6	27.8#



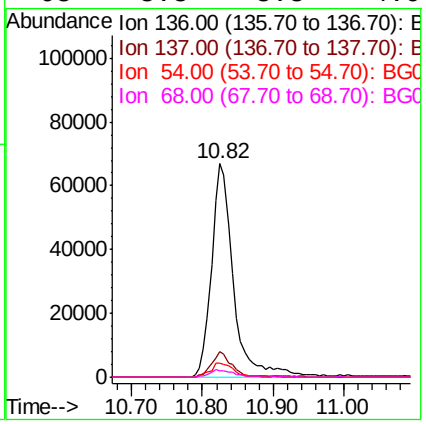


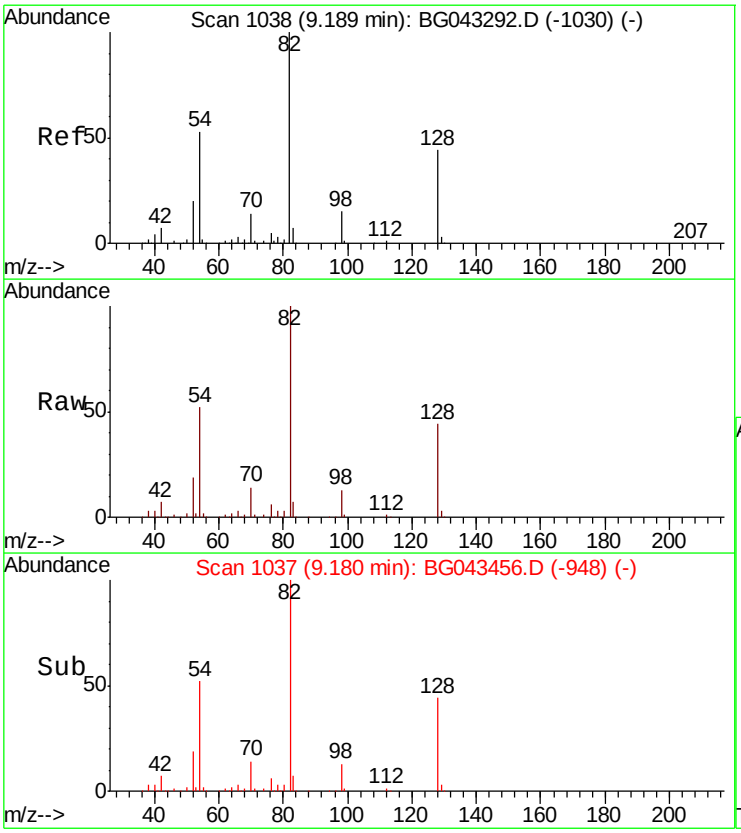
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BG043456.D
Acq: 1 Nov 2019 6:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 146048

Ion	Ratio	Lower	Upper
136	100		
137	12.0	8.2	12.2
54	6.3	5.4	8.2
68	3.3	3.3	4.9

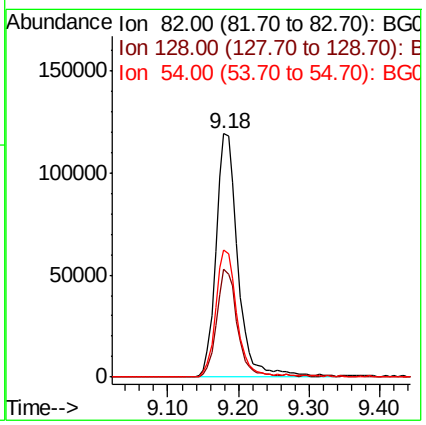


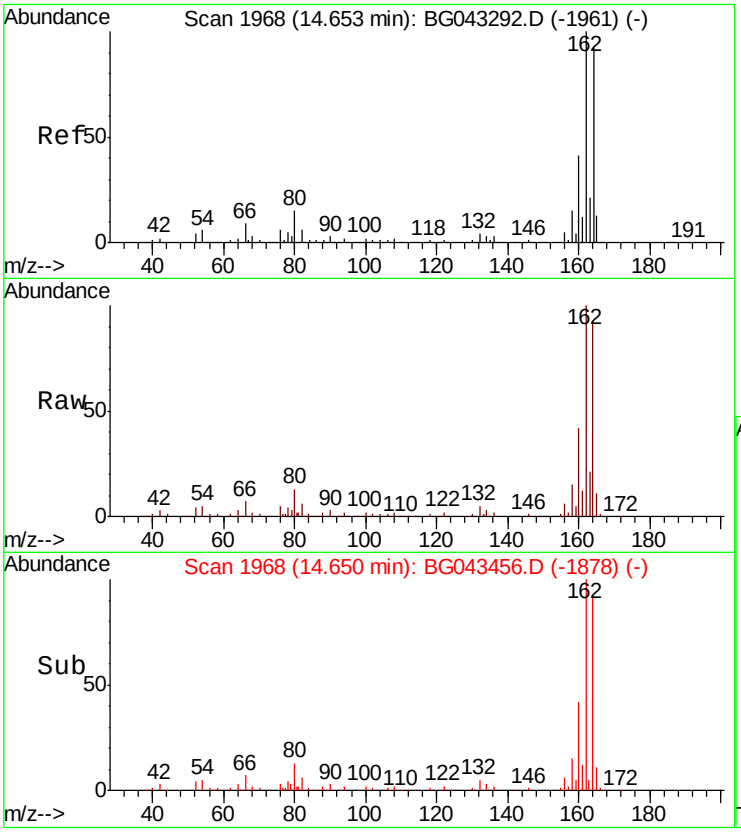


#23
Nitrobenzene-d5
Concen: 90.519 ng
RT: 9.18 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BG043456.D
Acq: 1 Nov 2019 6:44

Tgt Ion: 82 Resp: 256430

Ion	Ratio	Lower	Upper
82	100		
128	44.4	35.3	52.9
54	52.2	42.3	63.5



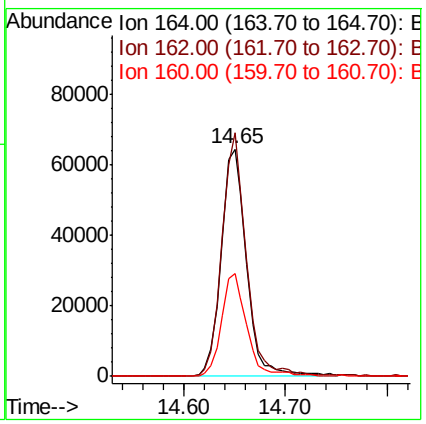


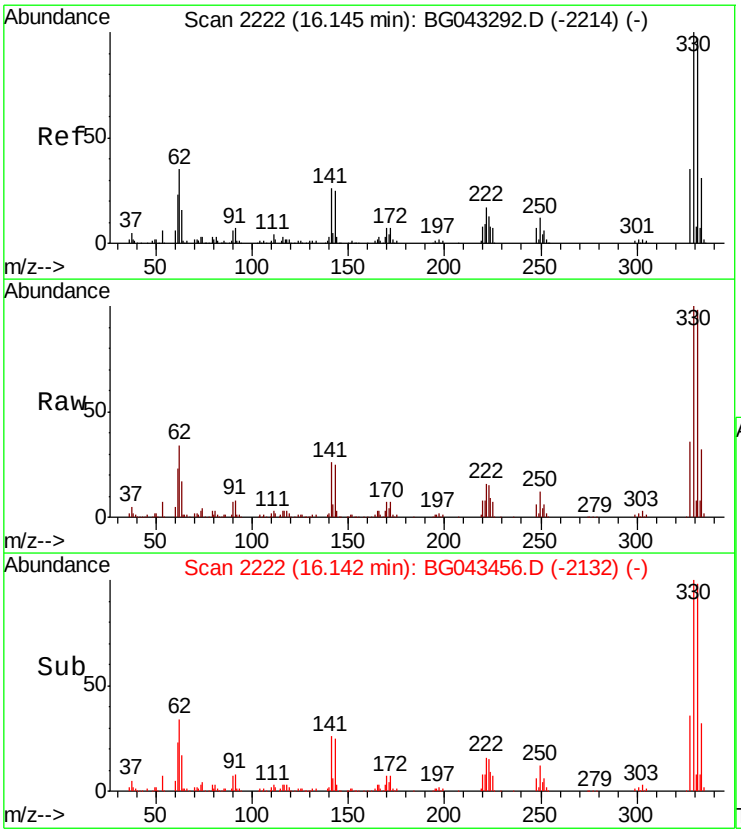
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.00 min
Lab File: BG043456.D
Acq: 1 Nov 2019 6:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 111607

Ion	Ratio	Lower	Upper
164	100		
162	107.1	87.0	130.4
160	45.1	35.5	53.3

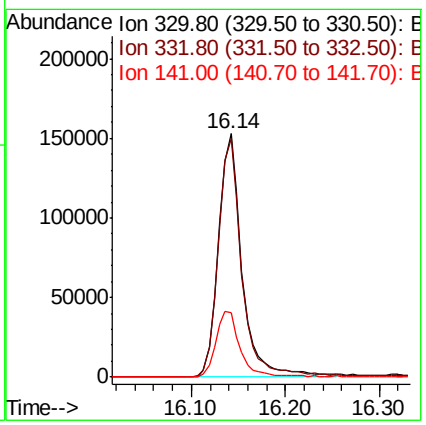


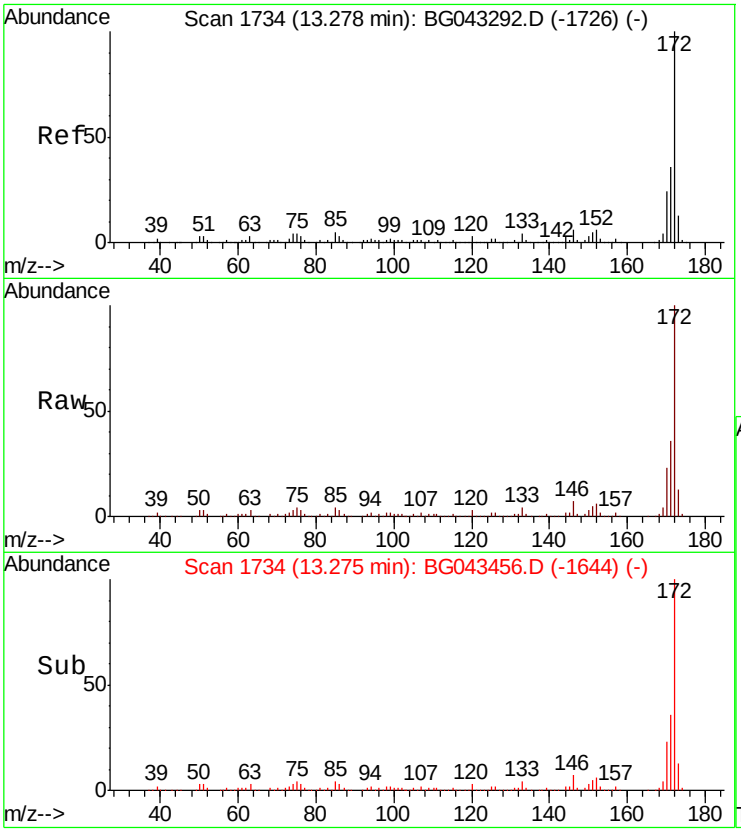


#42
2,4,6-Tribromophenol
Concen: 126.534 ng
RT: 16.14 min Scan# 2222
Delta R.T. -0.00 min
Lab File: BG043456.D
Acq: 1 Nov 2019 6:44

Tgt Ion:330 Resp: 268744

Ion	Ratio	Lower	Upper
330	100		
332	98.4	76.4	114.6
141	27.9	21.4	32.0



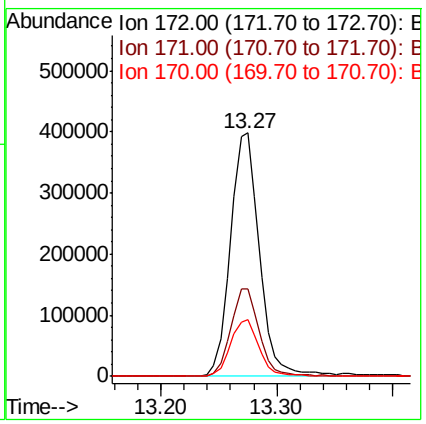


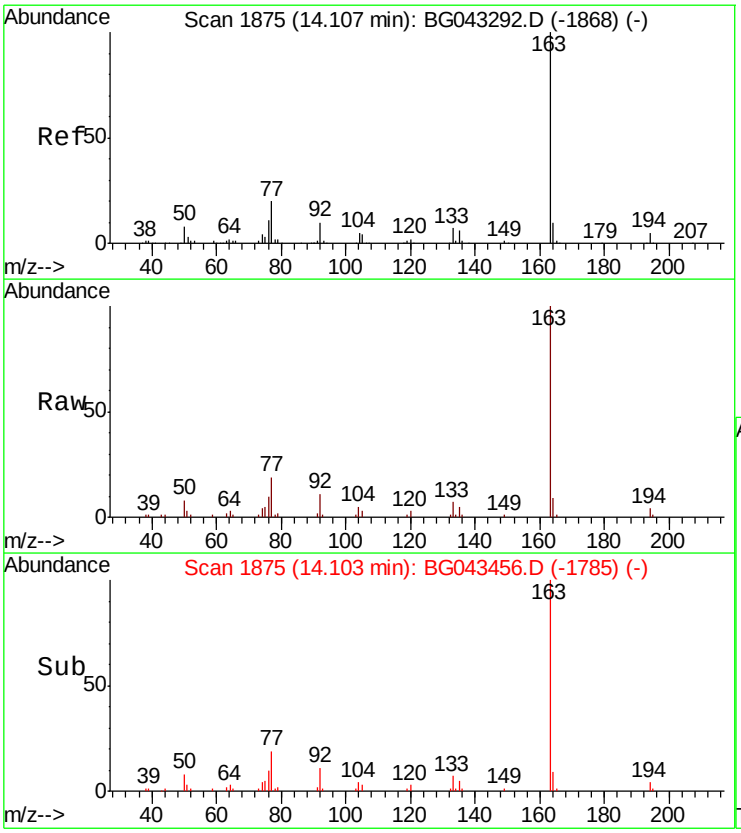
#45
2-Fluorobiphenyl
Concen: 85.590 ng
RT: 13.27 min Scan# 1734
Delta R.T. -0.00 min
Lab File: BG043456.D
Acq: 1 Nov 2019 6:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 691306

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.5	42.7
170	23.1	18.8	28.2

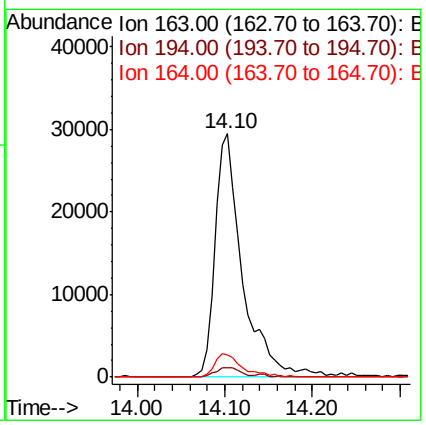


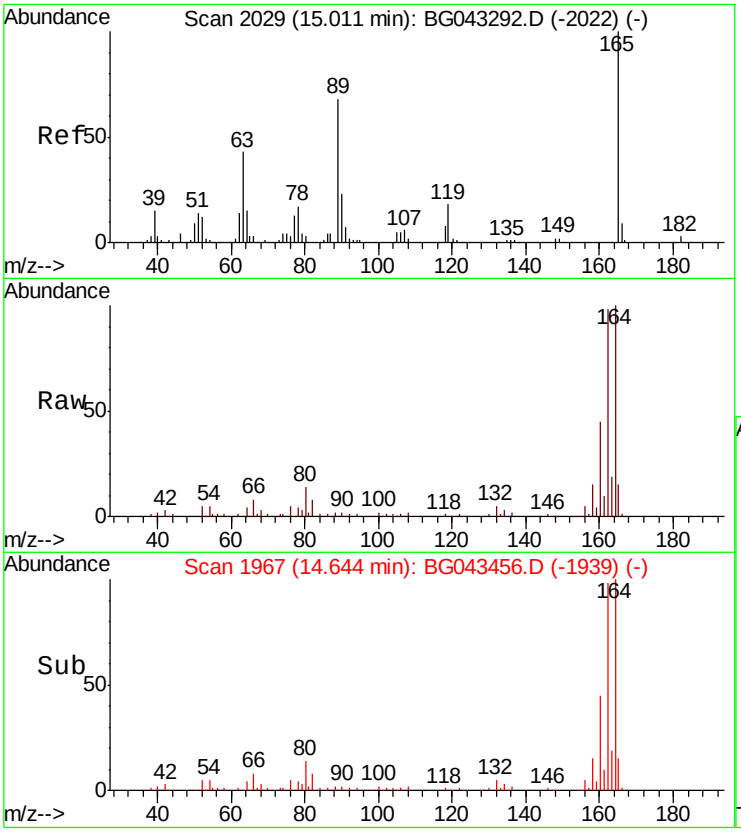


#50
Dimethylphthalate
Concen: 7.396 ng
RT: 14.10 min Scan# 1875
Delta R.T. -0.00 min
Lab File: BG043456.D
Acq: 1 Nov 2019 6:44

Tgt Ion:163 Resp: 63940

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.7	5.5
164	8.9	8.1	12.1



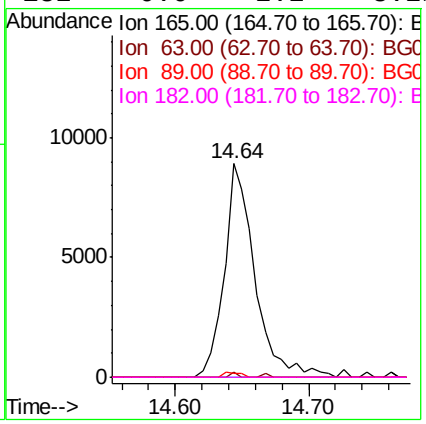


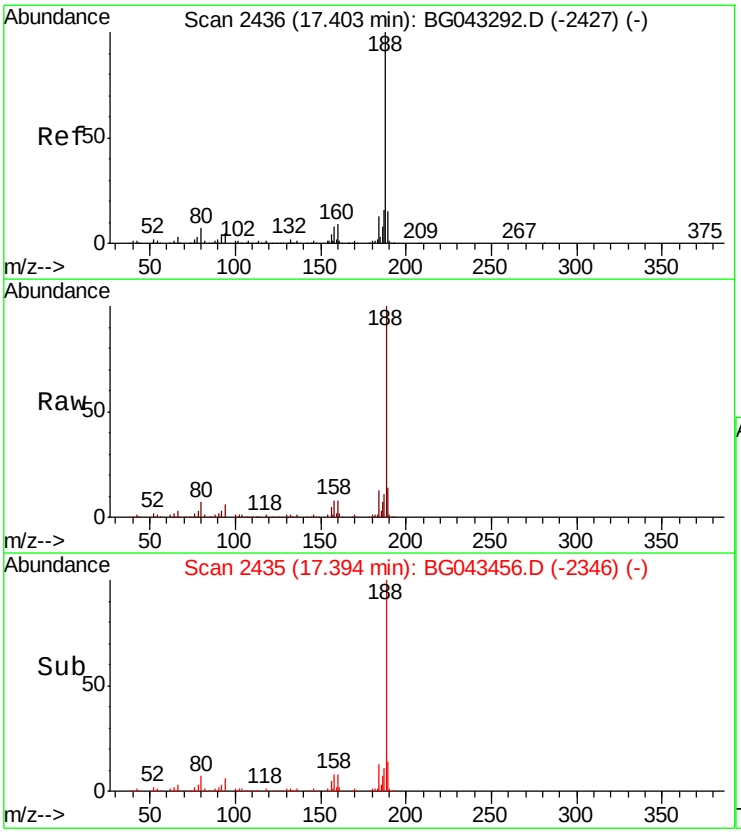
#57
2,4-Dinitrotoluene
Concen: 5.312 ng
RT: 14.64 min Scan# 1967
Delta R.T. -0.37 min
Lab File: BG043456.D
Acq: 1 Nov 2019 6:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 14258

Ion	Ratio	Lower	Upper
165	100		
63	2.3	35.0	52.6#
89	2.0	54.1	81.1#
182	0.0	2.2	3.2#

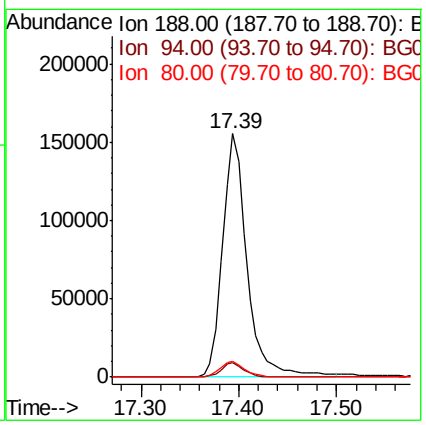


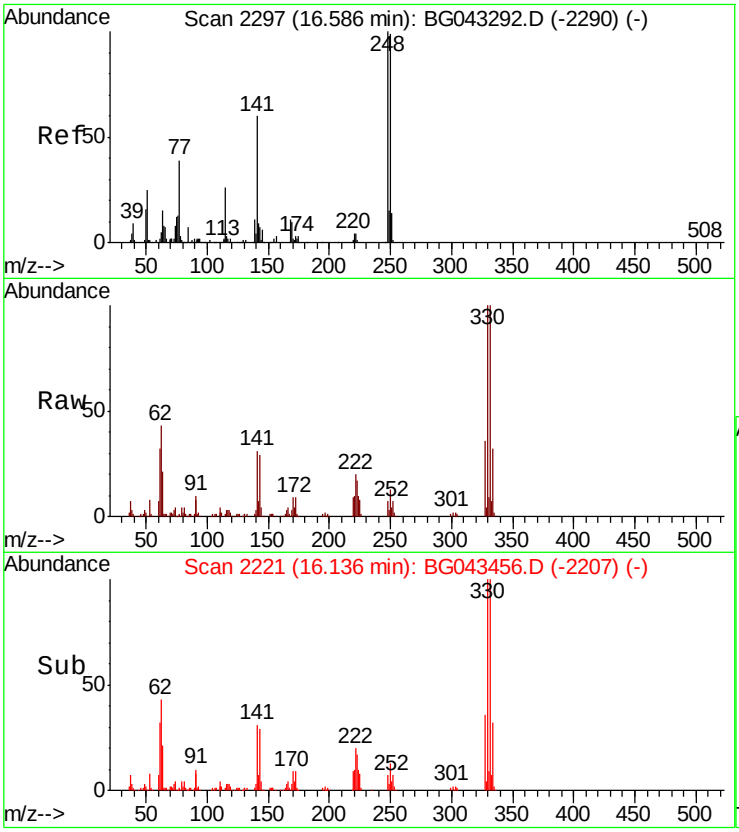


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BG043456.D
Acq: 1 Nov 2019 6:44

Tgt Ion:188 Resp: 270353

Ion	Ratio	Lower	Upper
188	100		
94	5.7	4.2	6.2
80	6.6	5.2	7.8



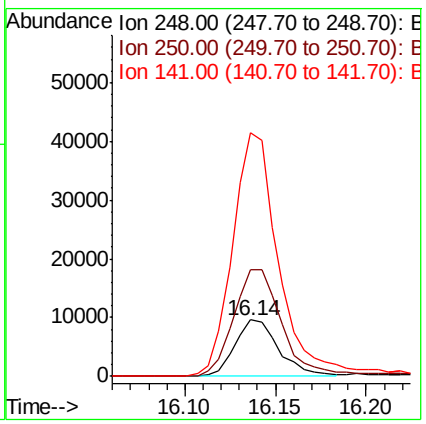


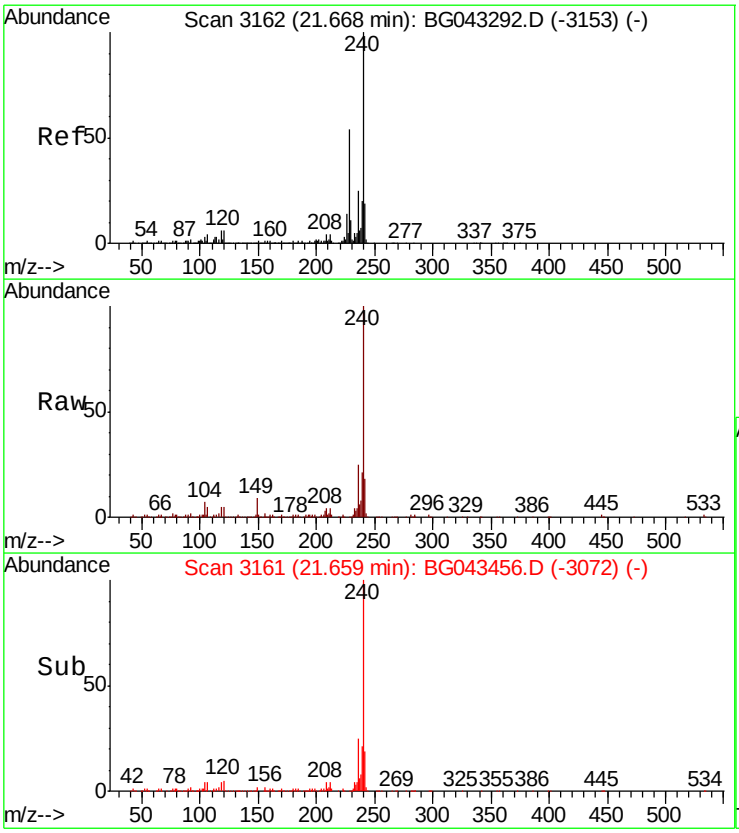
#67
4-Bromophenyl-phenylether
Concen: 4.459 ng
RT: 16.14 min Scan# 2221
Delta R.T. -0.45 min
Lab File: BG043456.D
Acq: 1 Nov 2019 6:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 16223

Ion	Ratio	Lower	Upper
248	100		
250	188.0	79.3	118.9#
141	430.6	47.9	71.9#

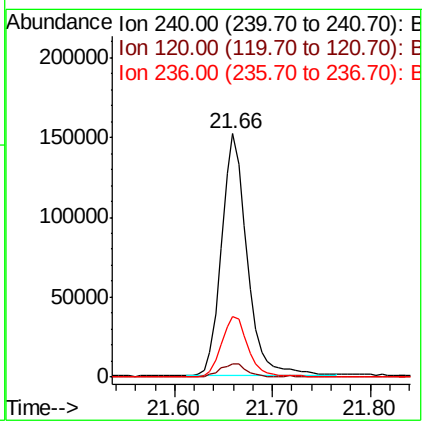


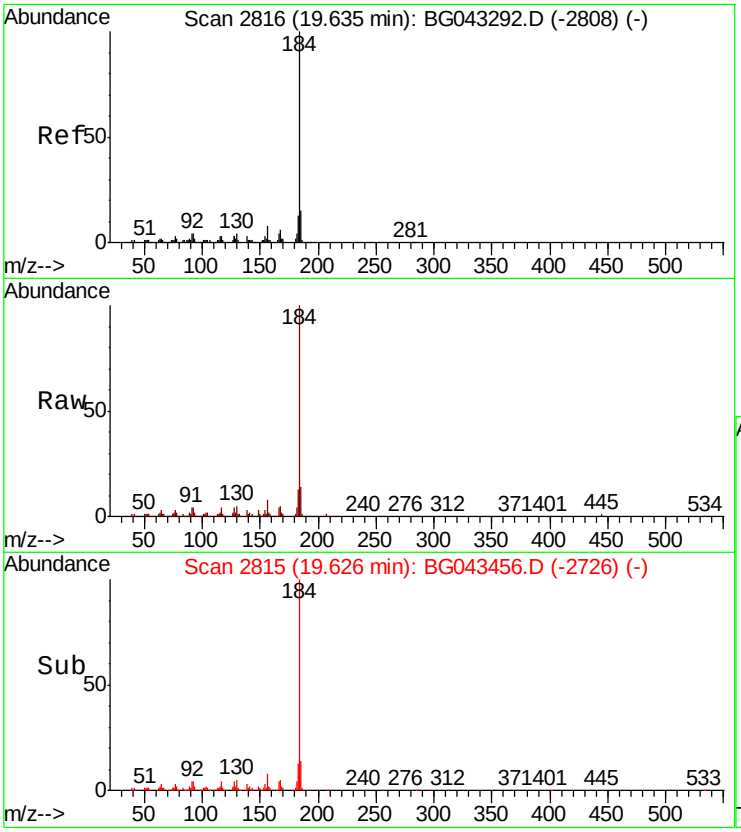


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3161
Delta R.T. -0.01 min
Lab File: BG043456.D
Acq: 1 Nov 2019 6:44

Tgt Ion:240 Resp: 276925

Ion	Ratio	Lower	Upper
240	100		
120	5.5	4.6	7.0
236	25.0	20.2	30.4



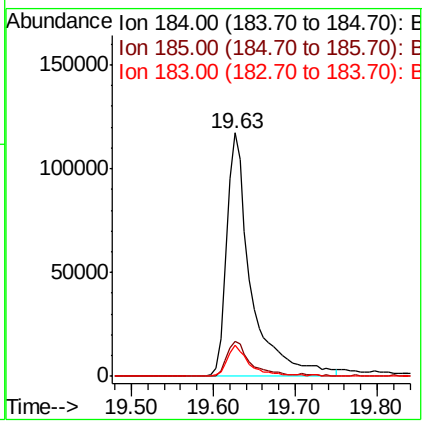


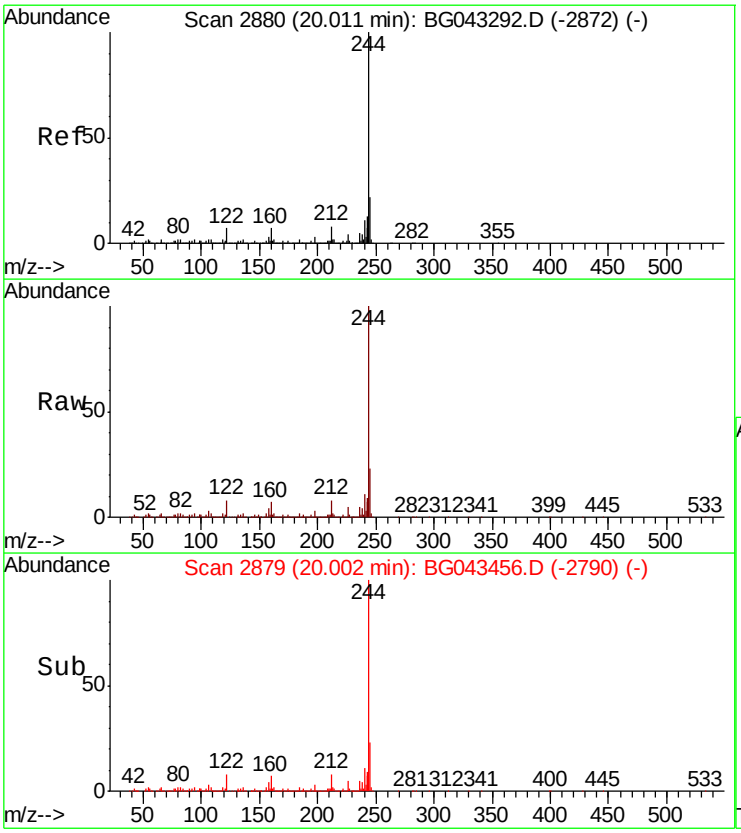
#77
Benzidine
Concen: 43.521 ng
RT: 19.63 min Scan# 2815
Delta R.T. -0.01 min
Lab File: BG043456.D
Acq: 1 Nov 2019 6:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 242551

Ion	Ratio	Lower	Upper
184	100		
185	14.1	11.8	17.6
183	13.0	10.6	16.0

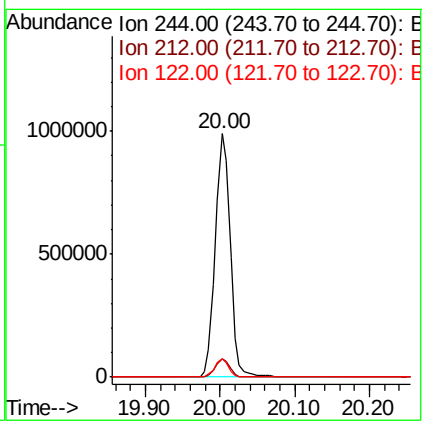


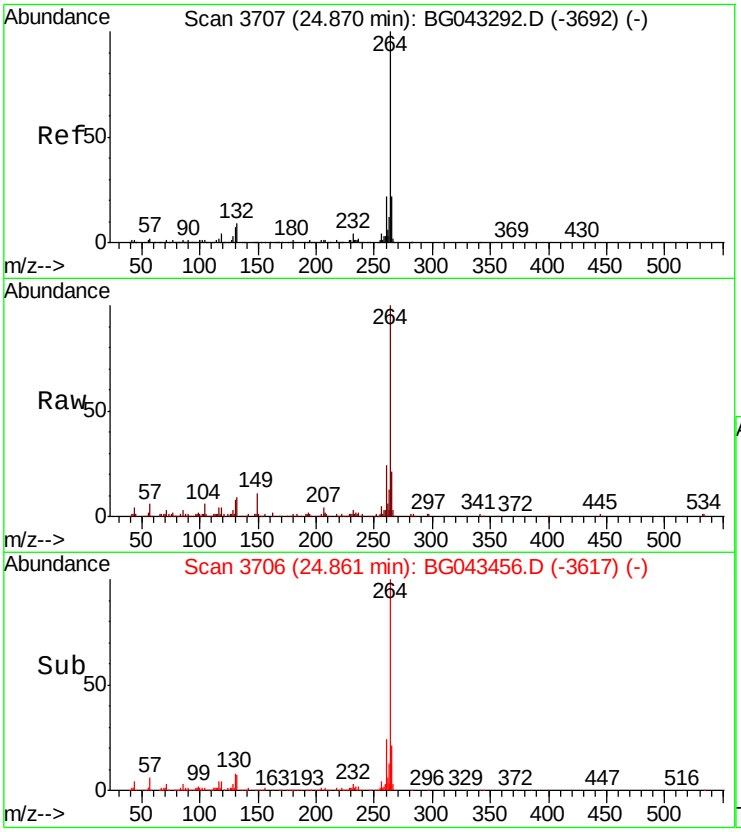


#79
Terphenyl-d14
Concen: 93.021 ng
RT: 20.00 min Scan# 2879
Delta R.T. -0.01 min
Lab File: BG043456.D
Acq: 1 Nov 2019 6:44

Tgt Ion:244 Resp: 1373078

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.4	9.6
122	7.7	5.3	7.9





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.86 min Scan# 3706
Delta R.T. -0.01 min
Lab File: BG043456.D
Acq: 1 Nov 2019 6:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 325703

Ion	Ratio	Lower	Upper
264	100		
260	24.0	17.9	26.9
265	21.3	17.4	26.2