Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG102319\
Data File : BG043313.D
Acq On : 23 Oct 2019 18:02
Operator : JU
Sample : PB124212TB
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB124212TB

Quant Time: Oct 24 06:51:11 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	8.03	152	33734	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	104404	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	78651	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	211724	20.00	ng	0.00
76) Chrysene-d12	21.67	240	247300	20.00	ng	0.00
87) Perylene-d12	24.86	264	72024	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	252729	137.28	ng	0.00
7) Phenol-d6	7.20	99	342356	129.26	ng	0.00
23) Nitrobenzene-d5	9.19	82	219150	108.22	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	231353	154.57	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	585361	102.84	ng	0.00
79) Terphenyl-d14	20.01	244	1474541	111.86	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	8.35	79	3918	2.106	ng	# 44
19) n-Nitroso-di-n-propylamine	9.18	70	30030	17.546	ng	# 79
51) 2,6-Dinitrotoluene	14.65	165	11169	8.439	ng	# 23
54) 2,4-Dinitrophenol	14.66	184	64	7.353	ng	# 23
57) 2,4-Dinitrotoluene	14.65	165	11169	5.905	ng	# 24
67) 4-Bromophenyl-phenylether	16.14	248	14783	5.188	ng	# 1
77) Benzidine	20.01	184	23493	4.720	ng	# 91

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG102319\
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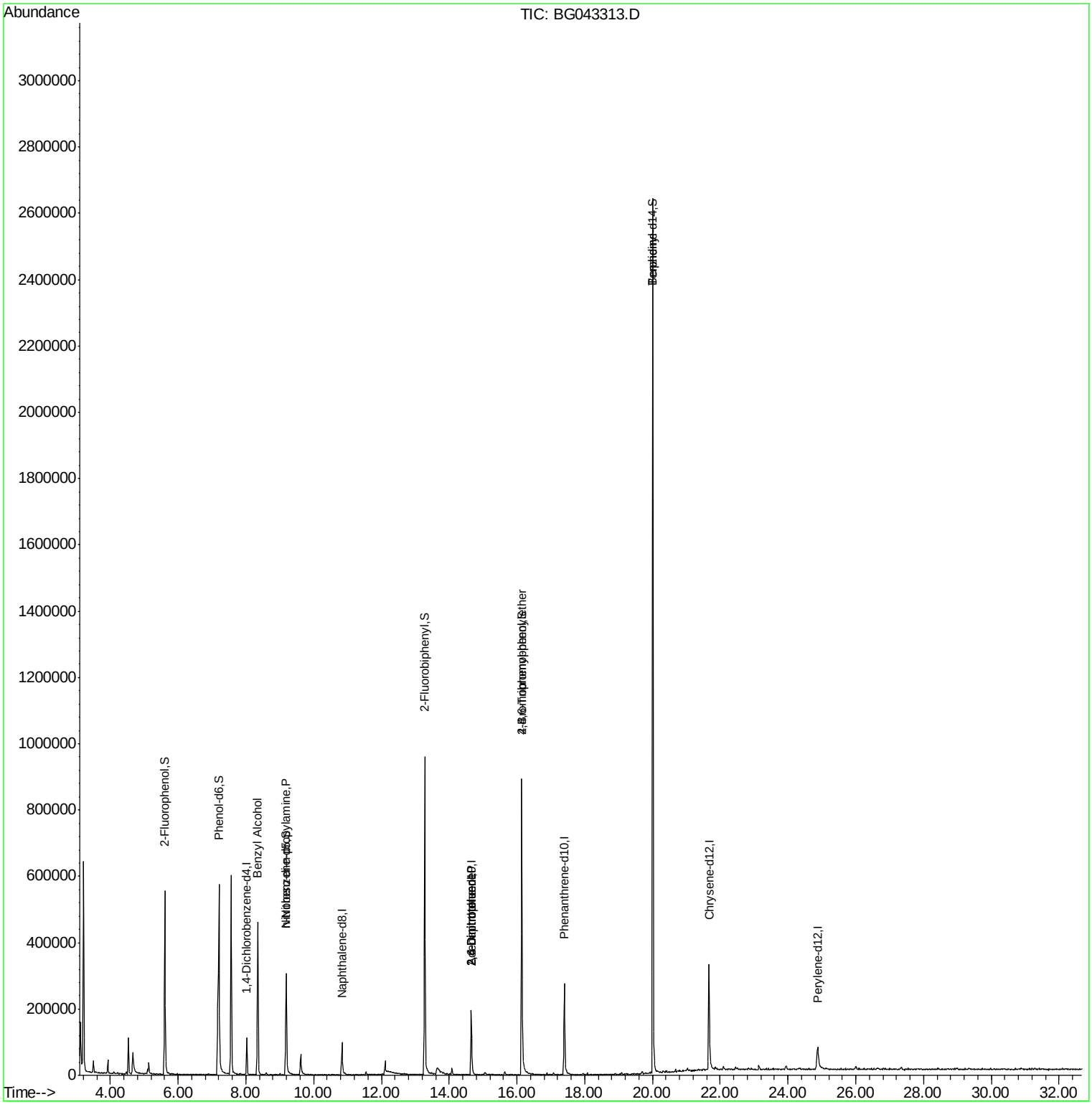
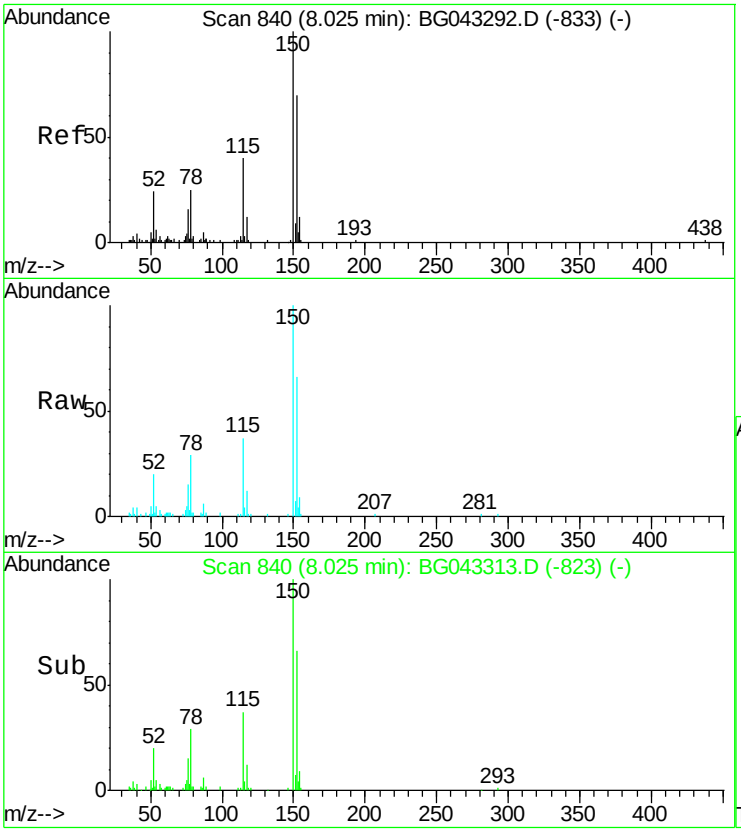


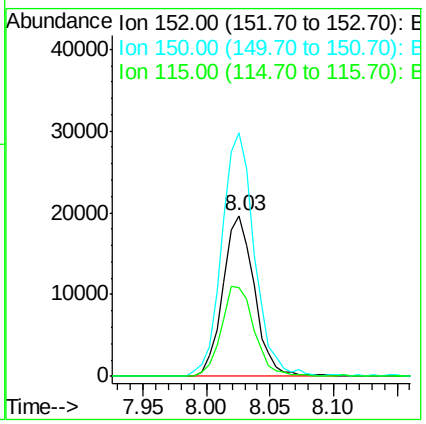


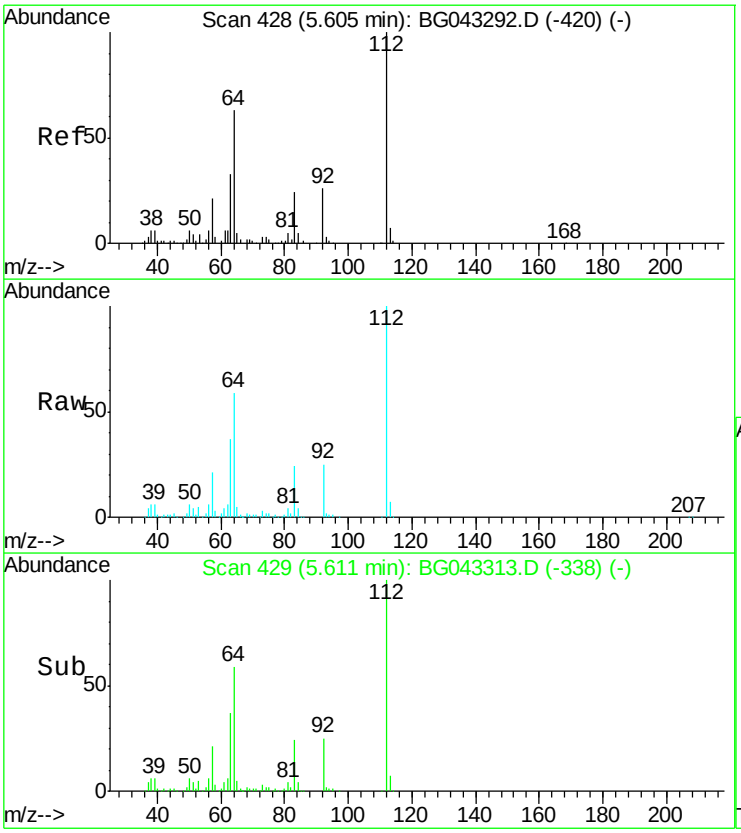
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 840
Delta R.T. 0.00 min
Lab File: BG043313.D
Acq: 23 Oct 2019 18:02

Instrument :
BNA_G
ClientSampleId :
PB124212TB

Tgt Ion:152 Resp: 33734

Ion	Ratio	Lower	Upper
152	100		
150	151.3	113.6	170.4
115	55.4	45.9	68.9

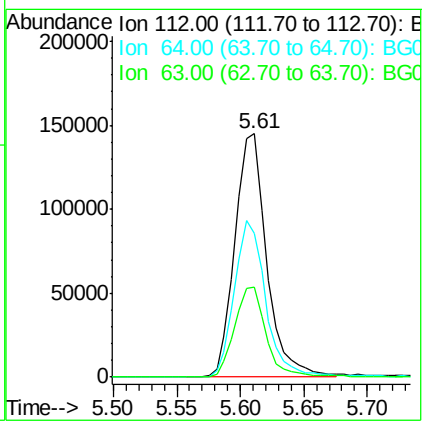


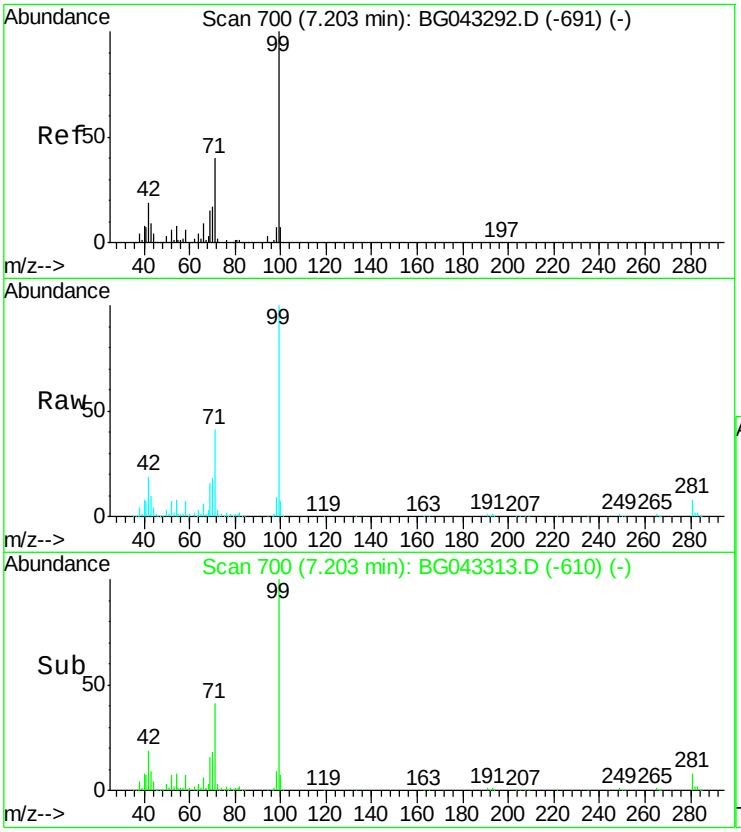


#5
2-Fluorophenol
Concen: 137.284 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.01 min
Lab File: BG043313.D
Acq: 23 Oct 2019 18:02

Tgt Ion:112 Resp: 252729

Ion	Ratio	Lower	Upper
112	100		
64	58.9	50.2	75.2
63	37.2	26.7	40.1



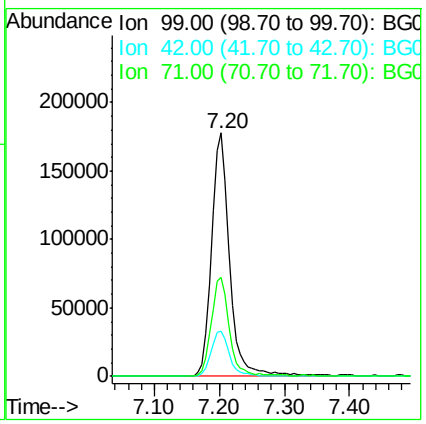


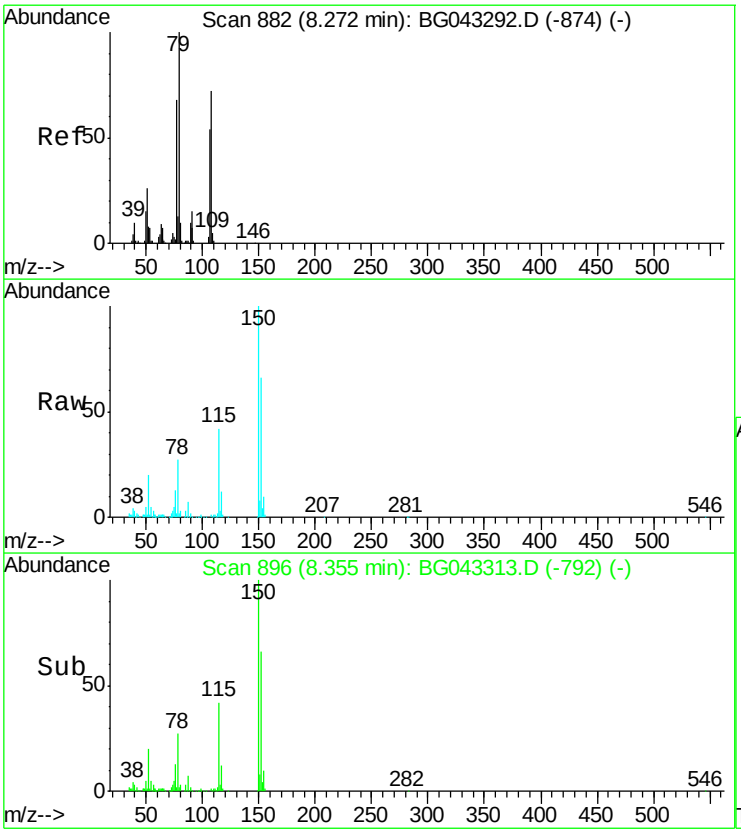
#7
Phenol-d6
Concen: 129.256 ng
RT: 7.20 min Scan# 700
Delta R.T. 0.00 min
Lab File: BG043313.D
Acq: 23 Oct 2019 18:02

Instrument :
BNA_G
ClientSampleId :
PB124212TB

Tgt Ion: 99 Resp: 342356

Ion	Ratio	Lower	Upper
99	100		
42	18.8	14.9	22.3
71	40.5	32.2	48.2

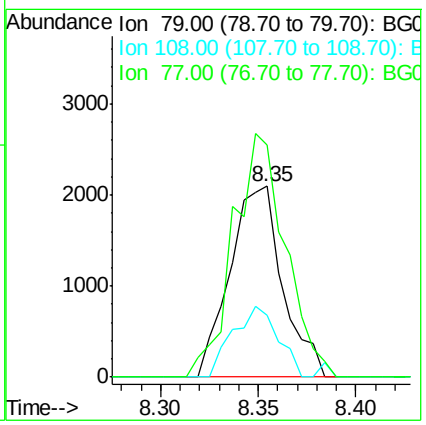


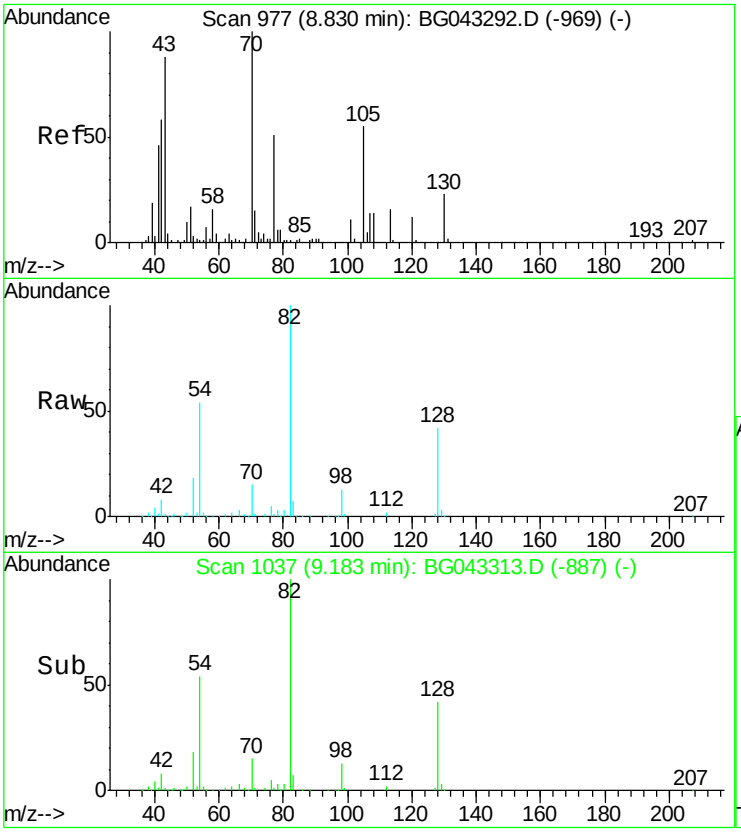


#15
Benzyl Alcohol
Concen: 2.106 ng
RT: 8.35 min Scan# 896
Delta R.T. 0.08 min
Lab File: BG043313.D
Acq: 23 Oct 2019 18:02

Tgt Ion: 79 Resp: 3918

Ion	Ratio	Lower	Upper
79	100		
108	32.6	57.3	85.9#
77	121.6	54.6	81.8#



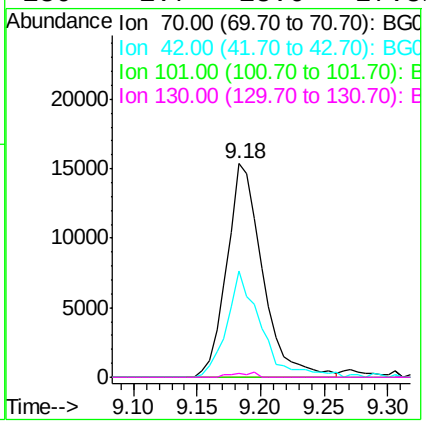


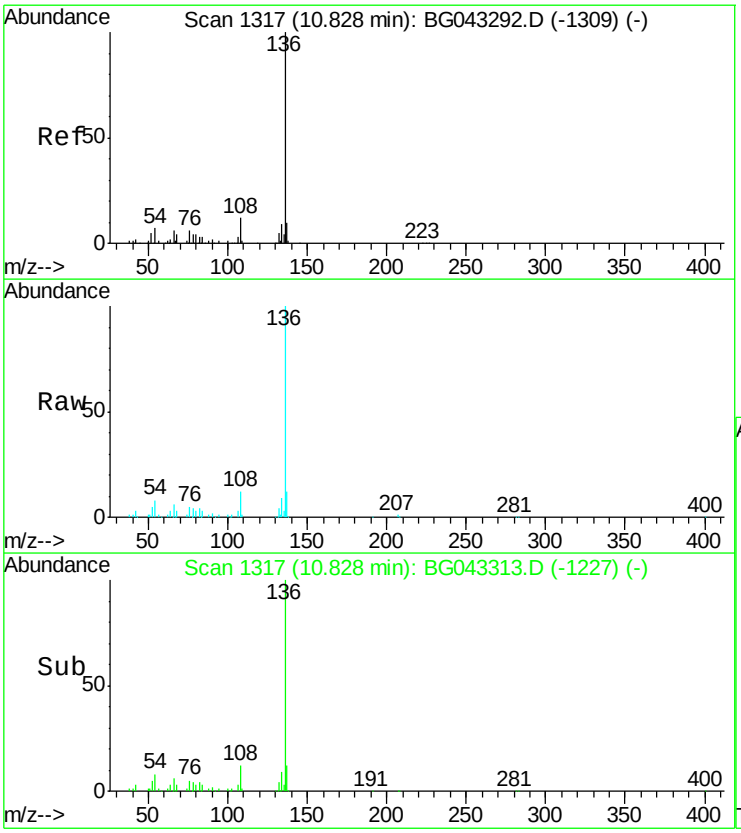
#19
n-Nitroso-di-n-propylamine
Concen: 17.546 ng
RT: 9.18 min Scan# 1037
Delta R.T. 0.35 min
Lab File: BG043313.D
Acq: 23 Oct 2019 18:02

Instrument :
BNA_G
ClientSampleId :
PB124212TB

Tgt Ion: 70 Resp: 30030

Ion	Ratio	Lower	Upper
70	100		
42	49.8	46.2	69.2
101	0.0	8.6	13.0#
130	1.7	18.6	27.8#

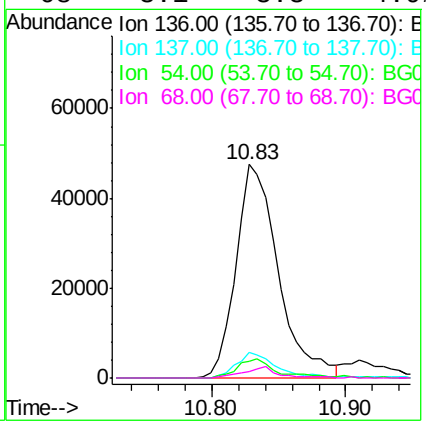


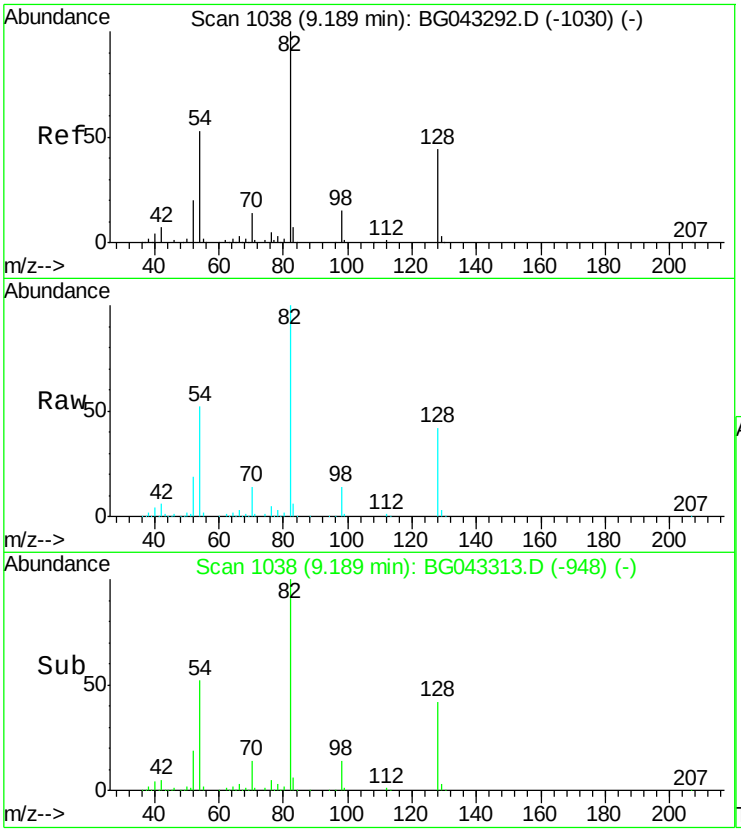


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BG043313.D
Acq: 23 Oct 2019 18:02

Tgt Ion:136 Resp: 104404

Ion	Ratio	Lower	Upper
136	100		
137	11.9	8.2	12.2
54	7.6	5.4	8.2
68	3.1	3.3	4.9#



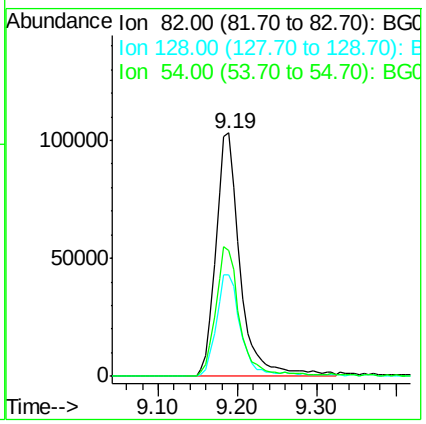


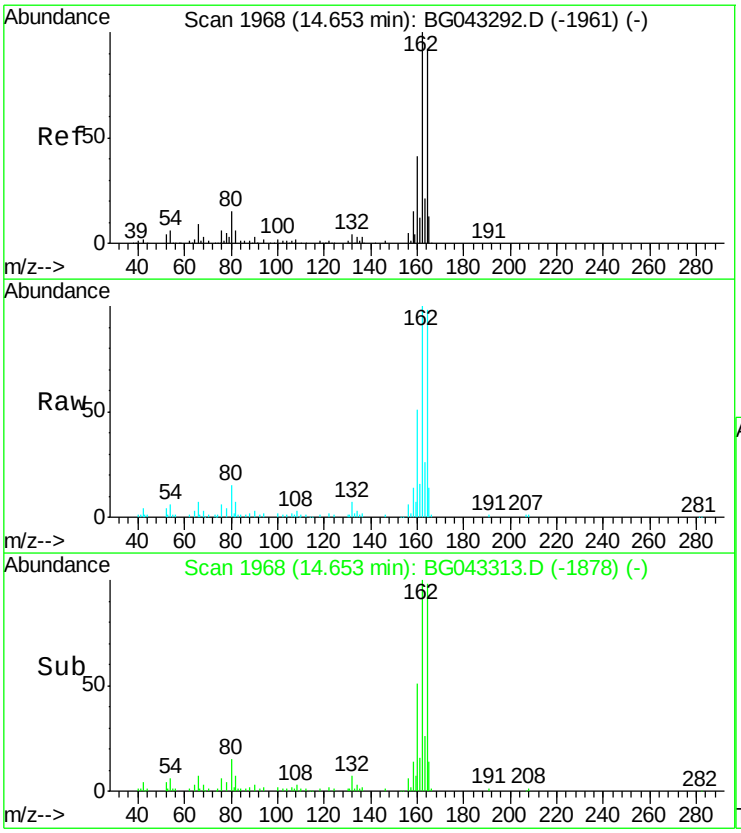
#23
Nitrobenzene-d5
Concen: 108.216 ng
RT: 9.19 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BG043313.D
Acq: 23 Oct 2019 18:02

Instrument :
BNA_G
ClientSampleId :
PB124212TB

Tgt Ion: 82 Resp: 219150

Ion	Ratio	Lower	Upper
82	100		
128	41.5	35.3	52.9
54	52.0	42.3	63.5

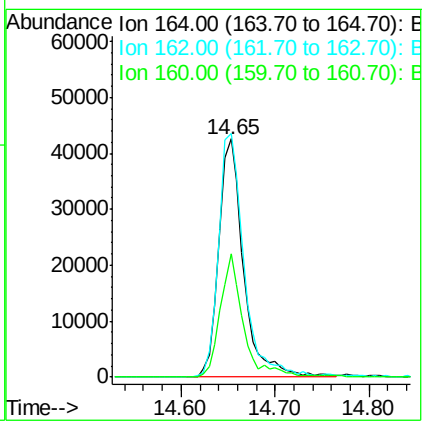


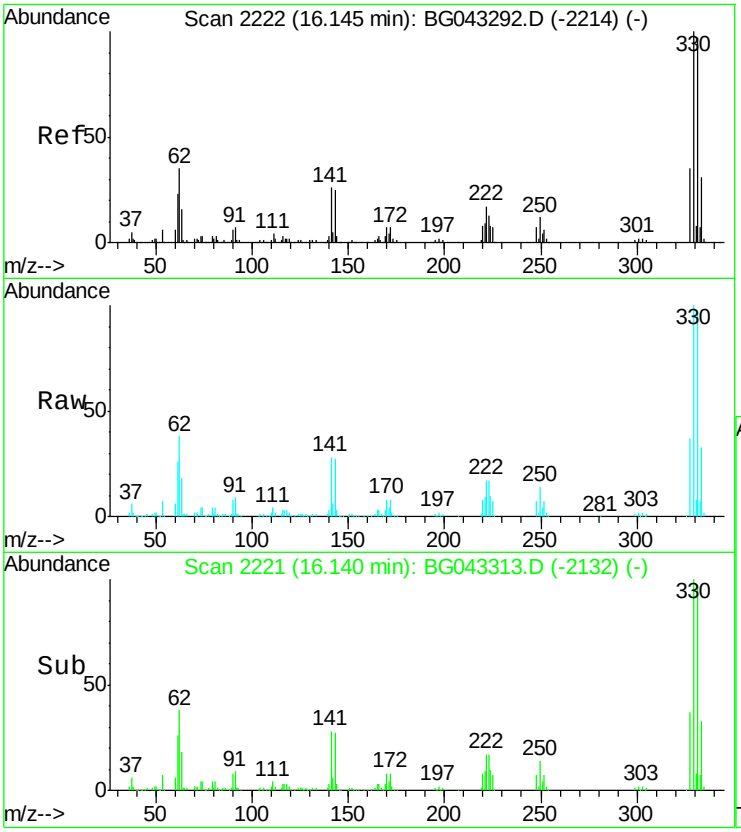


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1968
Delta R.T. 0.00 min
Lab File: BG043313.D
Acq: 23 Oct 2019 18:02

Tgt Ion:164 Resp: 78651

Ion	Ratio	Lower	Upper
164	100		
162	102.2	87.0	130.4
160	51.8	35.5	53.3



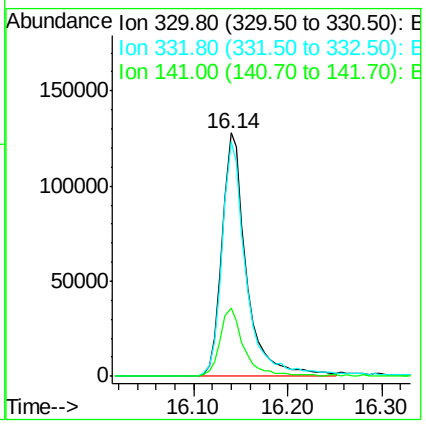


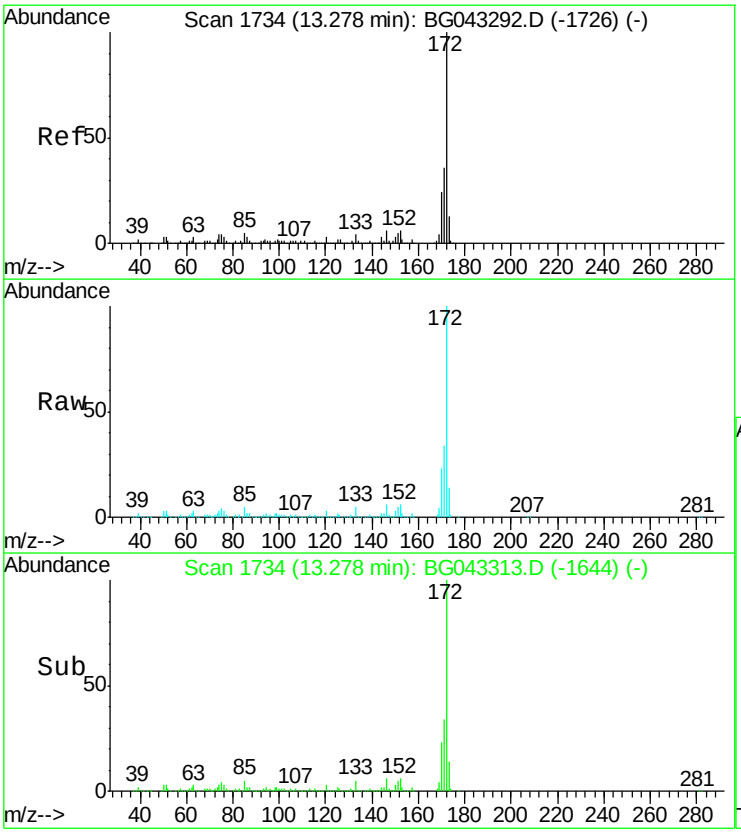
#42
2,4,6-Tribromophenol
Concen: 154.572 ng
RT: 16.14 min Scan# 2221
Delta R.T. -0.01 min
Lab File: BG043313.D
Acq: 23 Oct 2019 18:02

Instrument :
BNA_G
ClientSampleId :
PB124212TB

Tgt Ion:330 Resp: 231353

Ion	Ratio	Lower	Upper
330	100		
332	95.5	76.4	114.6
141	27.7	21.4	32.0

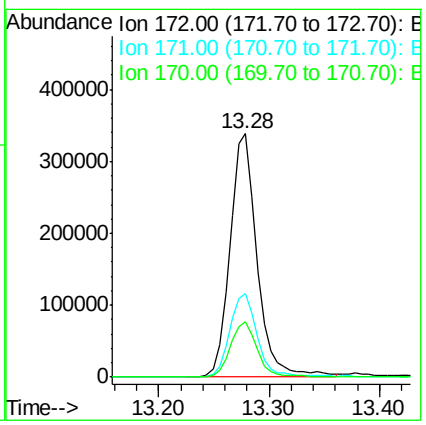


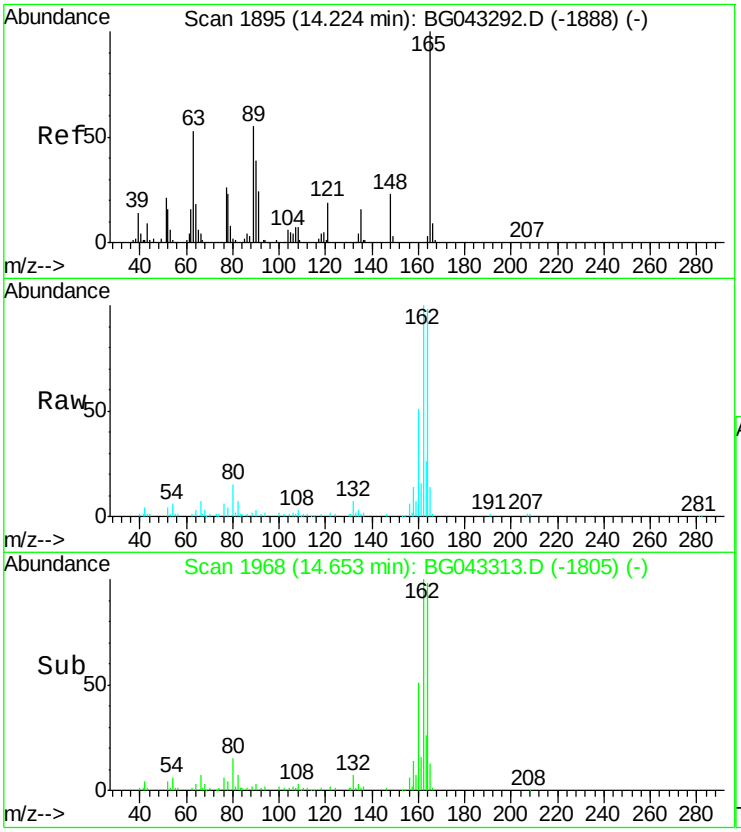


#45
2-Fluorobiphenyl
Concen: 102.841 ng
RT: 13.28 min Scan# 1734
Delta R.T. 0.00 min
Lab File: BG043313.D
Acq: 23 Oct 2019 18:02

Tgt Ion:172 Resp: 585361

Ion	Ratio	Lower	Upper
172	100		
171	34.4	28.5	42.7
170	22.9	18.8	28.2



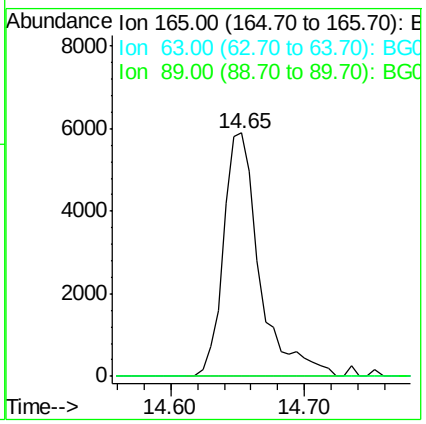


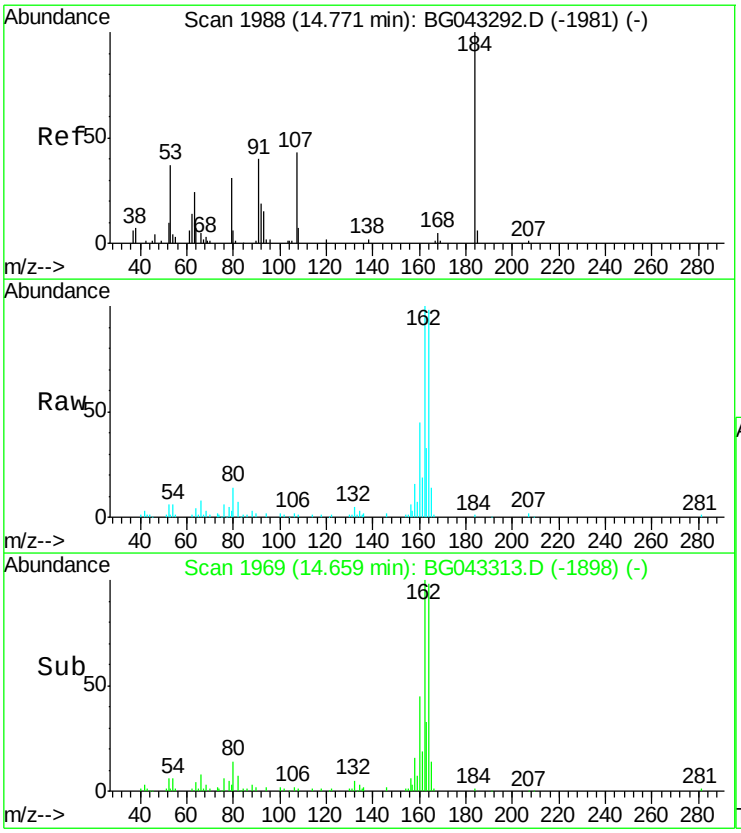
#51
2,6-Dinitrotoluene
Concen: 8.439 ng
RT: 14.65 min Scan# 1968
Delta R.T. 0.43 min
Lab File: BG043313.D
Acq: 23 Oct 2019 18:02

Instrument :
BNA_G
ClientSampleId :
PB124212TB

Tgt Ion:165 Resp: 11169

Ion	Ratio	Lower	Upper
165	100		
63	0.0	47.1	70.7#
89	0.0	43.7	65.5#

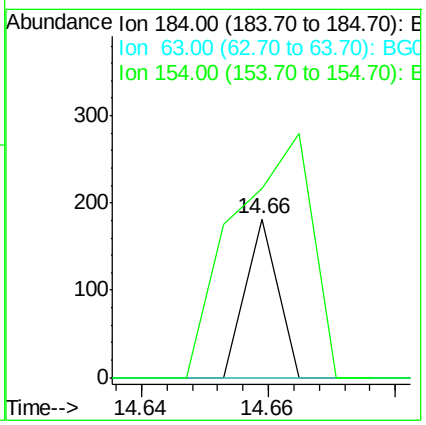


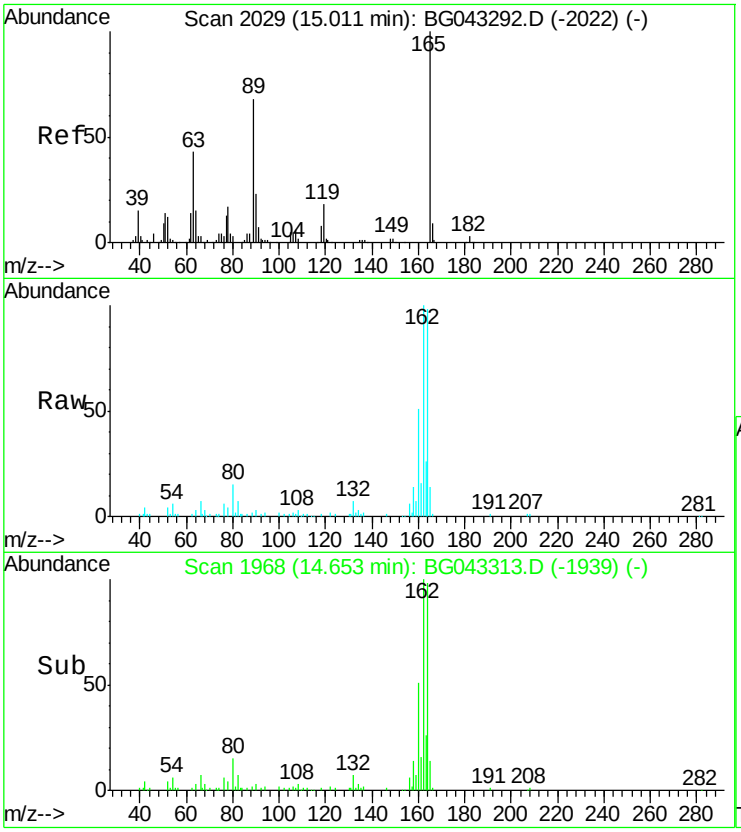


#54
2,4-Dinitrophenol
Concen: 7.353 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.11 min
Lab File: BG043313.D
Acq: 23 Oct 2019 18:02

Tgt Ion:184 Resp: 64

Ion	Ratio	Lower	Upper
184	100		
63	0.0	48.8	73.2#
154	118.7	49.4	74.0#



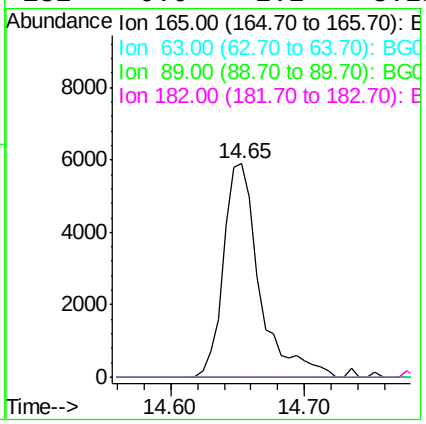


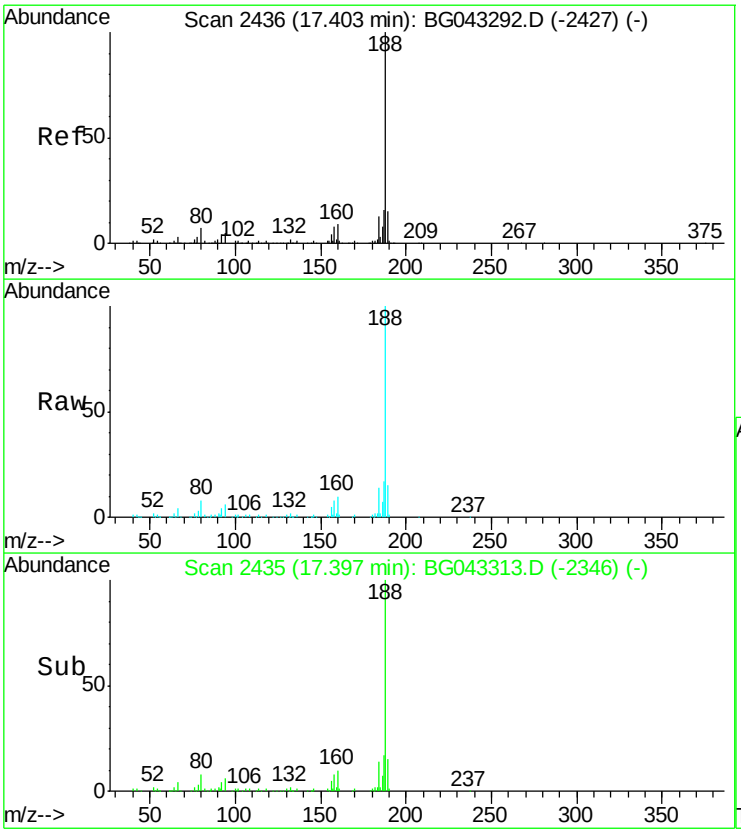
#57
2,4-Dinitrotoluene
Concen: 5.905 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.36 min
Lab File: BG043313.D
Acq: 23 Oct 2019 18:02

Instrument :
BNA_G
ClientSampleId :
PB124212TB

Tgt Ion:165 Resp: 11169

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#

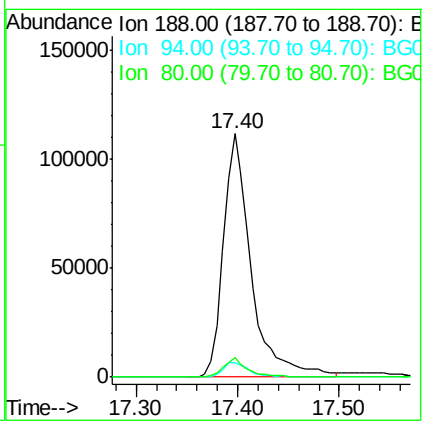


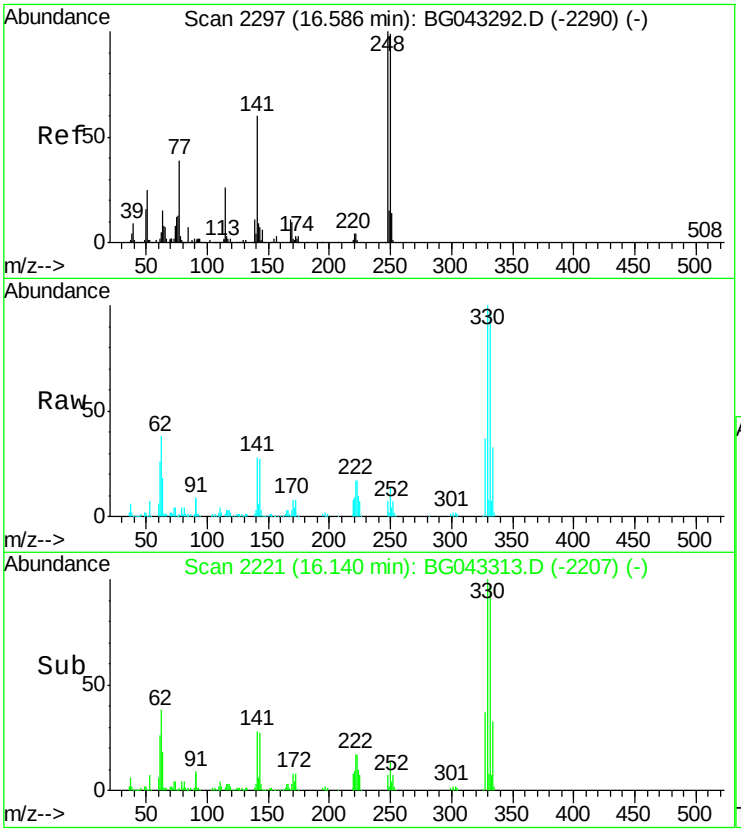


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BG043313.D
Acq: 23 Oct 2019 18:02

Tgt Ion:188 Resp: 211724

Ion	Ratio	Lower	Upper
188	100		
94	5.9	4.2	6.2
80	8.0	5.2	7.8#



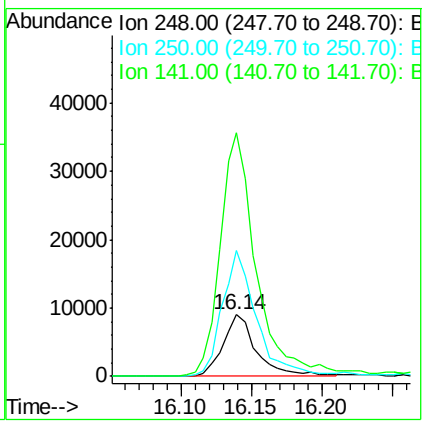


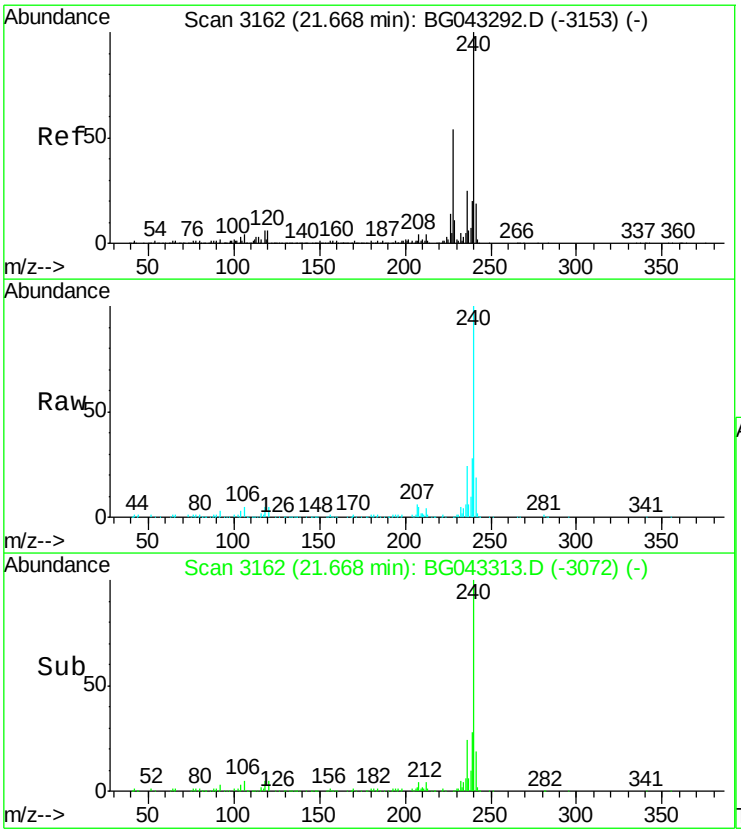
#67
4-Bromophenyl-phenylether
Concen: 5.188 ng
RT: 16.14 min Scan# 2221
Delta R.T. -0.45 min
Lab File: BG043313.D
Acq: 23 Oct 2019 18:02

Instrument :
BNA_G
ClientSampleId :
PB124212TB

Tgt Ion:248 Resp: 14783

Ion	Ratio	Lower	Upper
248	100		
250	205.0	79.3	118.9#
141	396.0	47.9	71.9#

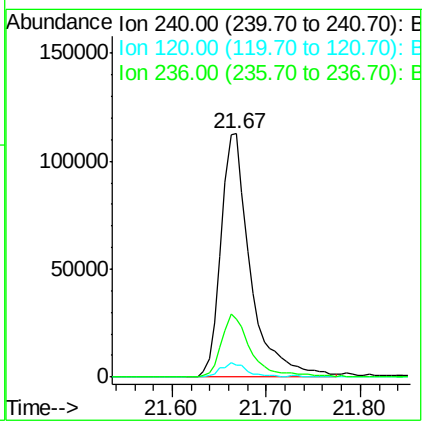


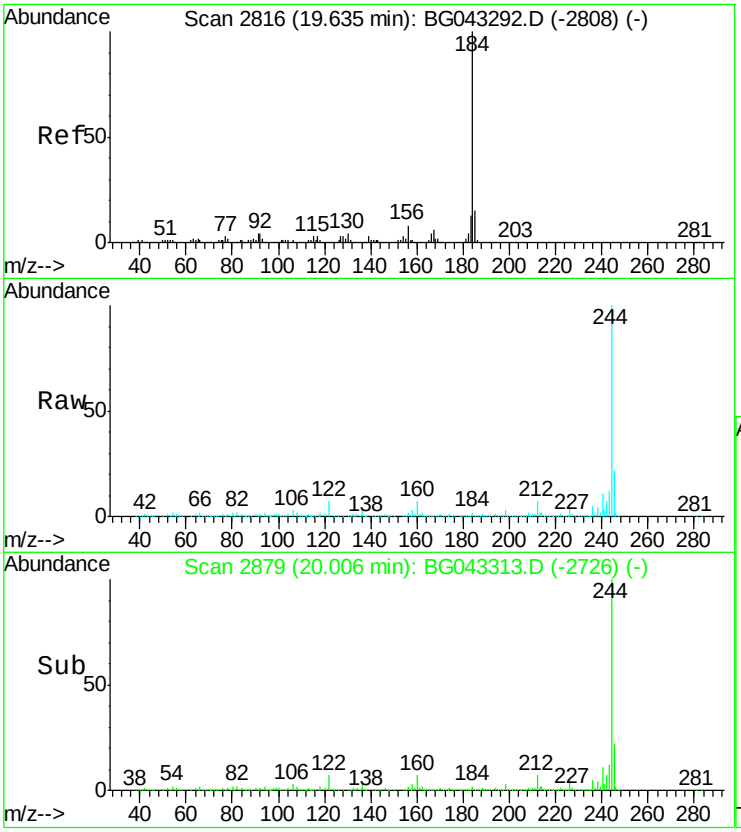


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.67 min Scan# 3162
Delta R.T. 0.00 min
Lab File: BG043313.D
Acq: 23 Oct 2019 18:02

Tgt Ion:240 Resp: 247300

Ion	Ratio	Lower	Upper
240	100		
120	4.9	4.6	7.0
236	24.0	20.2	30.4



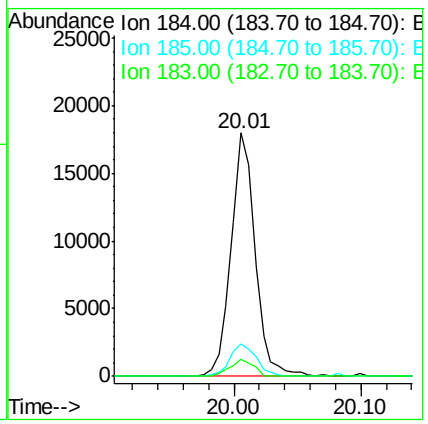


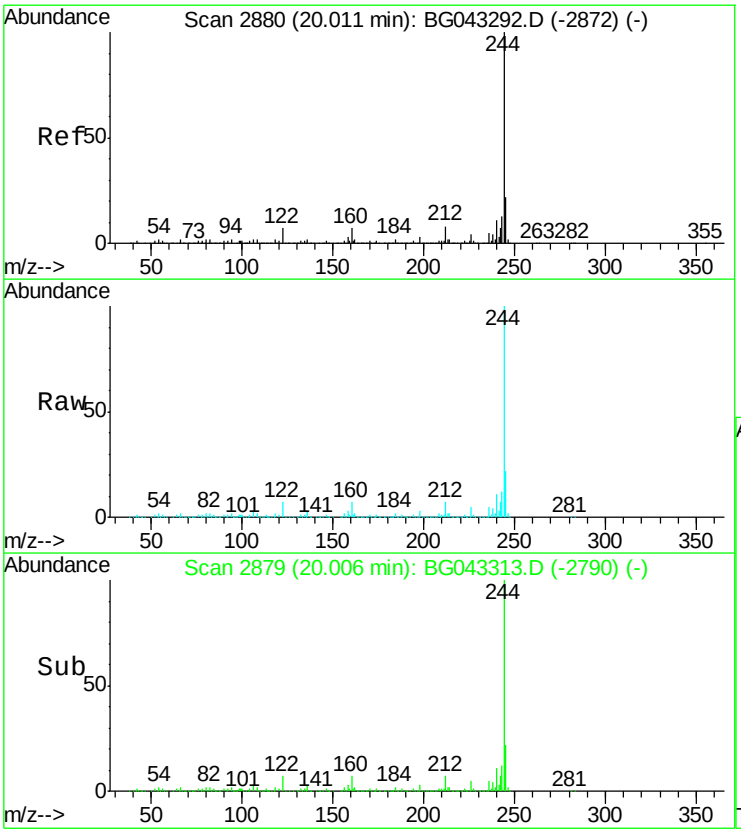
#77
Benzidine
Concen: 4.720 ng
RT: 20.01 min Scan# 2879
Delta R.T. 0.37 min
Lab File: BG043313.D
Acq: 23 Oct 2019 18:02

Instrument :
BNA_G
ClientSampleId :
PB124212TB

Tgt Ion:184 Resp: 23493

Ion	Ratio	Lower	Upper
184	100		
185	13.1	11.8	17.6
183	7.2	10.6	16.0#

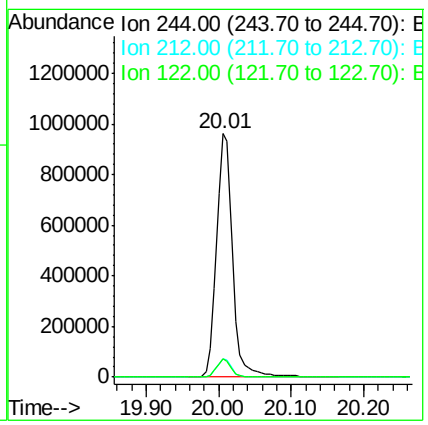


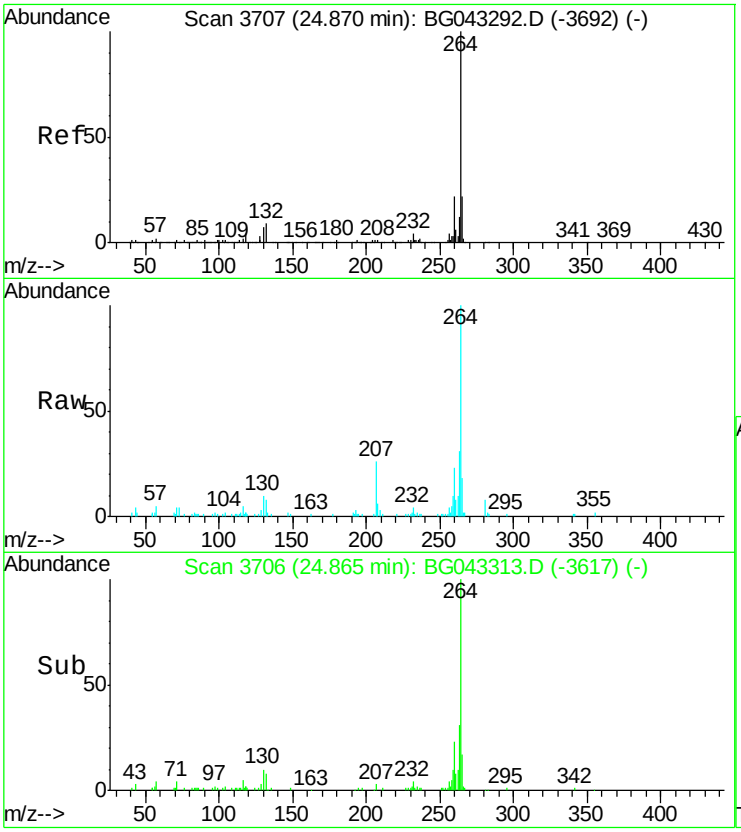


#79
Terphenyl-d14
Concen: 111.861 ng
RT: 20.01 min Scan# 2879
Delta R.T. -0.01 min
Lab File: BG043313.D
Acq: 23 Oct 2019 18:02

Tgt Ion:244 Resp: 1474541

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.4	9.6
122	7.3	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: BG043313.D
Acq: 23 Oct 2019 18:02

Instrument :
BNA_G
ClientSampleId :
PB124212TB

Tgt Ion:264 Resp: 72024

Ion	Ratio	Lower	Upper
264	100		
260	23.4	17.9	26.9
265	17.6	17.4	26.2