Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102819\
Data File : BG043367.D
Acq On : 29 Oct 2019 2:00
Operator : JU
Sample : K5539-19
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Oct 29 13:20:27 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	44810	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	170606	20.00	ng		0.00
39) Acenaphthene-d10	14.65	164	123871	20.00	ng		0.00
64) Phenanthrene-d10	17.40	188	284788	20.00	ng		0.00
76) Chrysene-d12	21.66	240	320837	20.00	ng		0.00
87) Perylene-d12	24.85	264	377873	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	316009	129.23	ng		0.00
7) Phenol-d6	7.22	99	451129	128.22	ng		0.01
23) Nitrobenzene-d5	9.18	82	267427	80.81	ng		0.00
42) 2,4,6-Tribromophenol	16.14	330	281620	119.47	ng		0.00
45) 2-Fluorobiphenyl	13.27	172	677317	75.56	ng		0.00
79) Terphenyl-d14	20.01	244	1259777	73.66	ng		0.00
Target Compounds							Qvalue
10) Phenol	7.24	94	12000	3.732	ng		76
19) n-Nitroso-di-n-propylamine	9.19	70	36060	15.861	ng	#	76
32) Benzoic acid	10.28	122	57	9.077	ng	#	1
50) Dimethylphthalate	14.10	163	60410	6.296	ng	#	95
51) 2,6-Dinitrotoluene	14.65	165	16018	7.685	ng	#	24
57) 2,4-Dinitrotoluene	14.65	165	16018	5.377	ng	#	26
67) 4-Bromophenyl-phenylether	16.14	248	18587	4.850	ng	#	1
77) Benzidine	20.01	184	18248	2.826	ng	#	94

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

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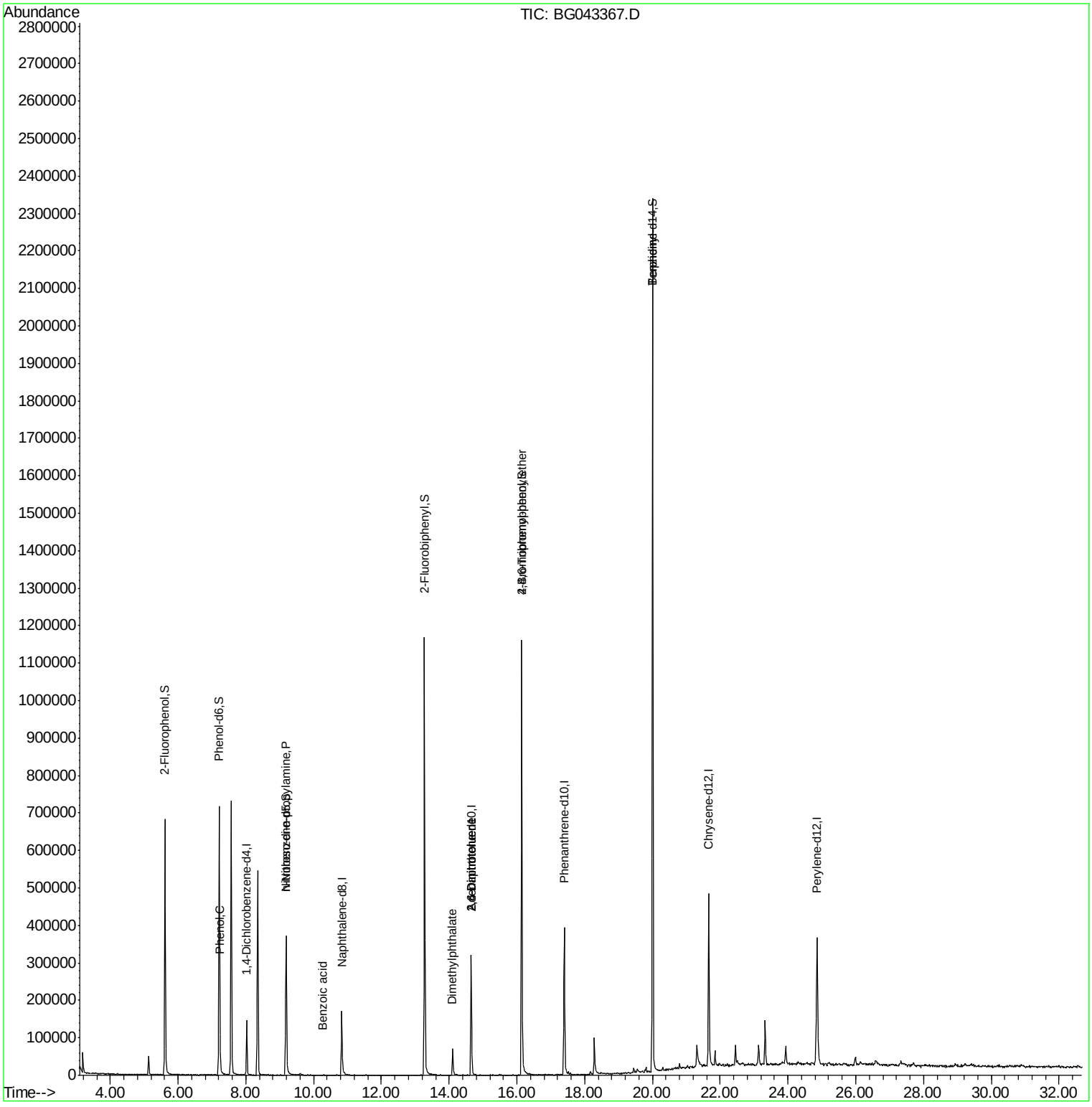
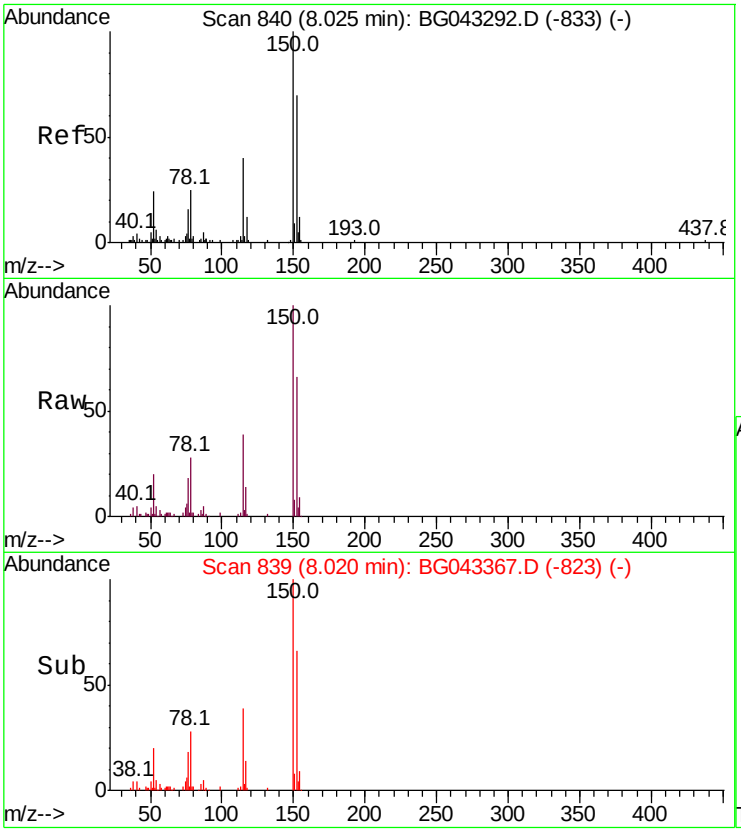


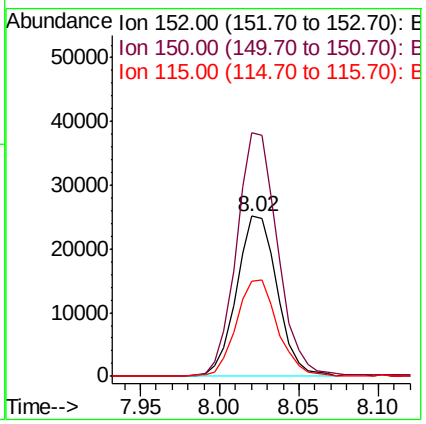


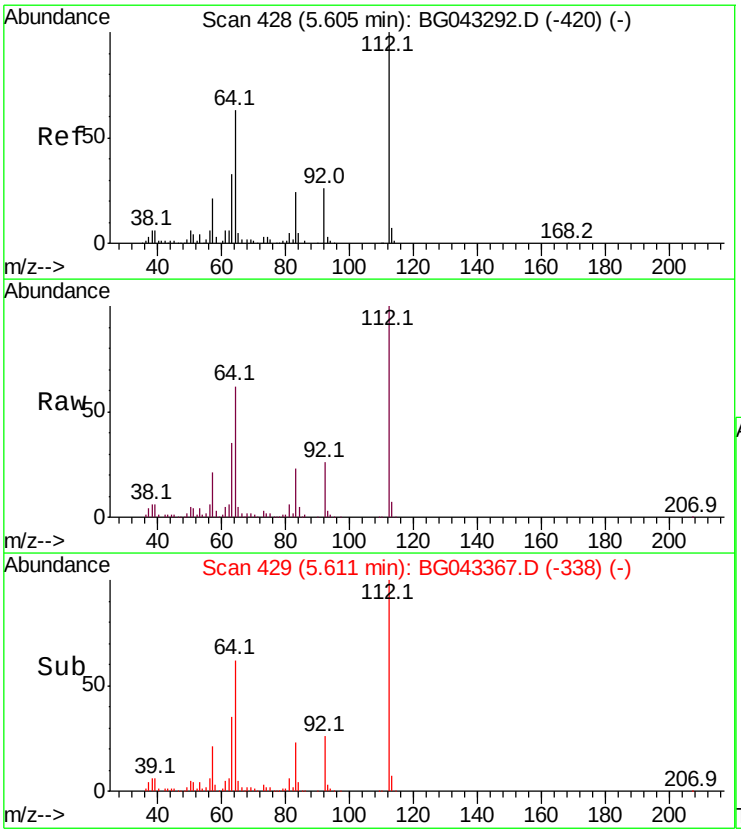
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 839
Delta R.T. -0.01 min
Lab File: BG043367.D
Acq: 29 Oct 2019 2:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 44810

Ion	Ratio	Lower	Upper
152	100		
150	152.2	113.6	170.4
115	59.7	45.9	68.9

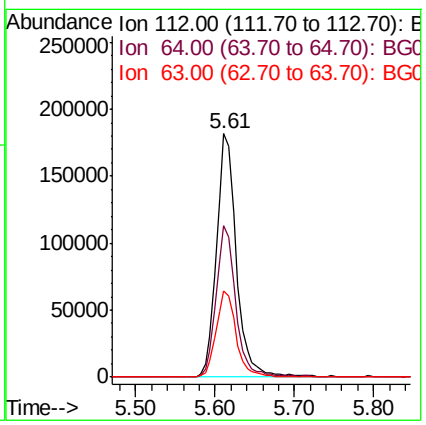


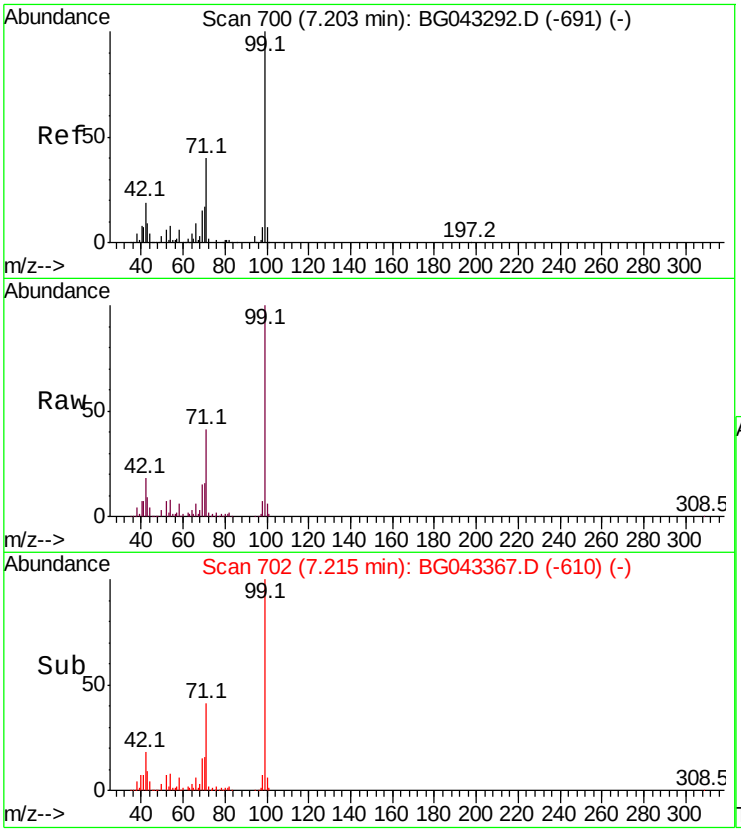


#5
2-Fluorophenol
Concen: 129.228 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.01 min
Lab File: BG043367.D
Acq: 29 Oct 2019 2:00

Tgt Ion:112 Resp: 316009

Ion	Ratio	Lower	Upper
112	100		
64	62.1	50.2	75.2
63	35.2	26.7	40.1



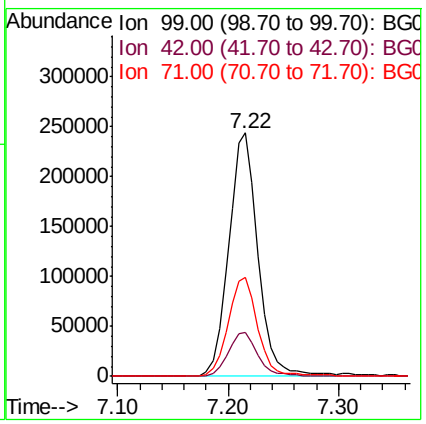


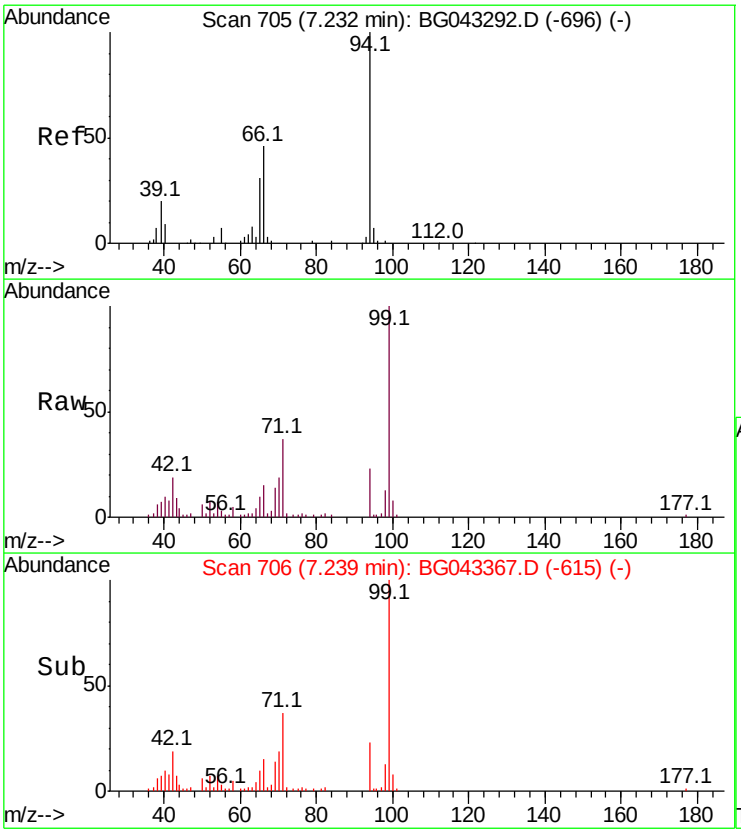
#7
Phenol-d6
Concen: 128.224 ng
RT: 7.22 min Scan# 702
Delta R.T. 0.01 min
Lab File: BG043367.D
Acq: 29 Oct 2019 2:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 451129

Ion	Ratio	Lower	Upper
99	100		
42	17.8	14.9	22.3
71	40.5	32.2	48.2

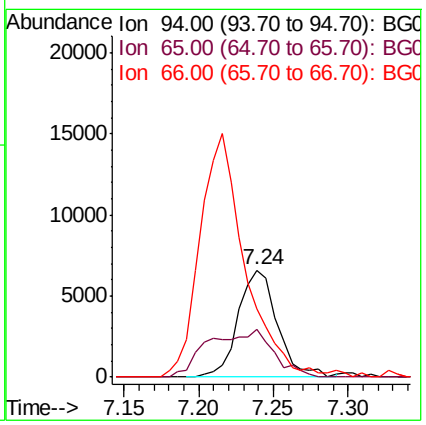


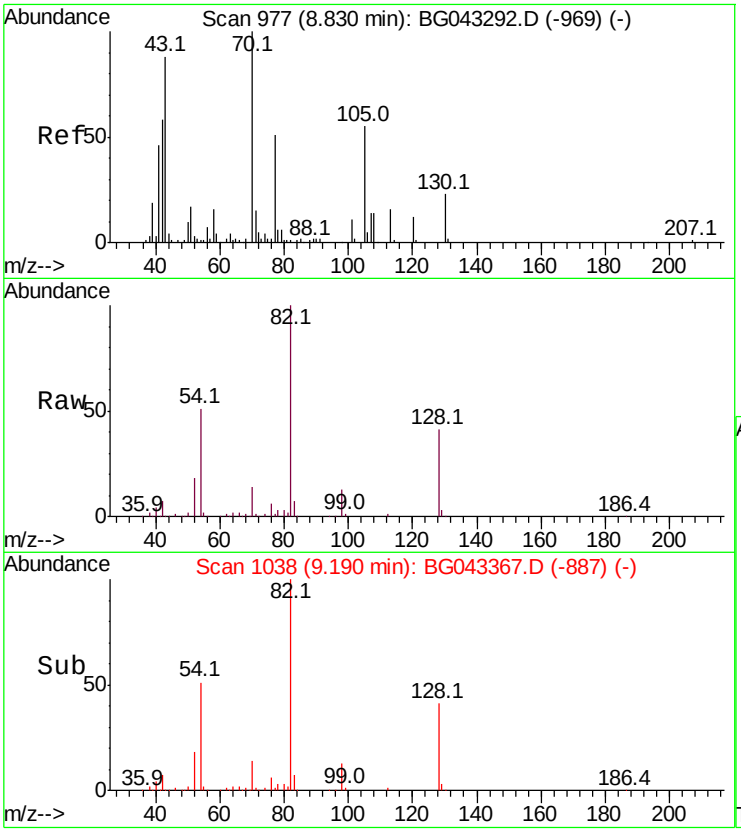


#10
Phenol
Concen: 3.732 ng
RT: 7.24 min Scan# 706
Delta R.T. 0.01 min
Lab File: BG043367.D
Acq: 29 Oct 2019 2:00

Tgt Ion: 94 Resp: 12000

Ion	Ratio	Lower	Upper
94	100		
65	44.6	11.1	51.1
66	64.3	27.8	67.8



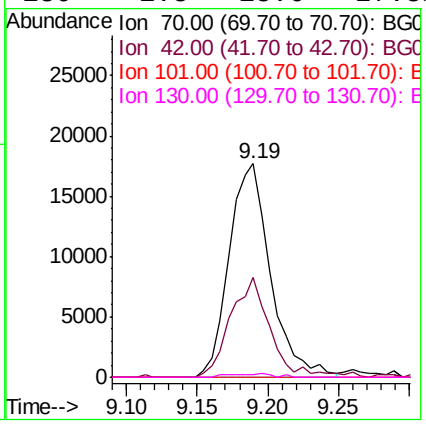


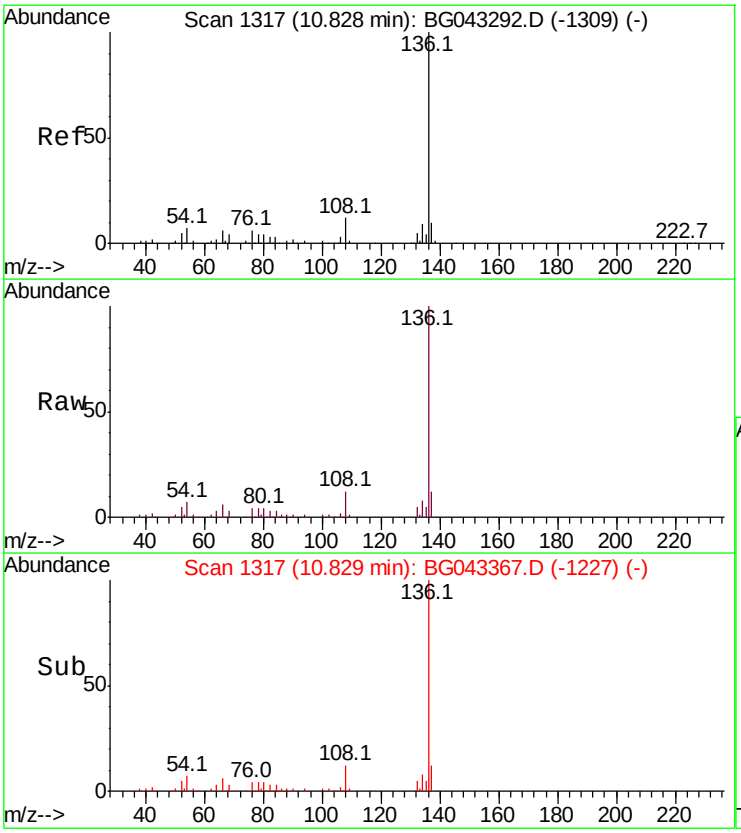
#19
n-Nitroso-di-n-propylamine
Concen: 15.861 ng
RT: 9.19 min Scan# 1038
Delta R.T. 0.36 min
Lab File: BG043367.D
Acq: 29 Oct 2019 2:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 36060

Ion	Ratio	Lower	Upper
70	100		
42	46.7	46.2	69.2
101	0.0	8.6	13.0#
130	1.3	18.6	27.8#

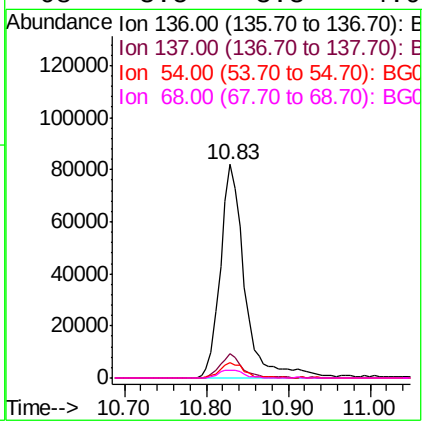


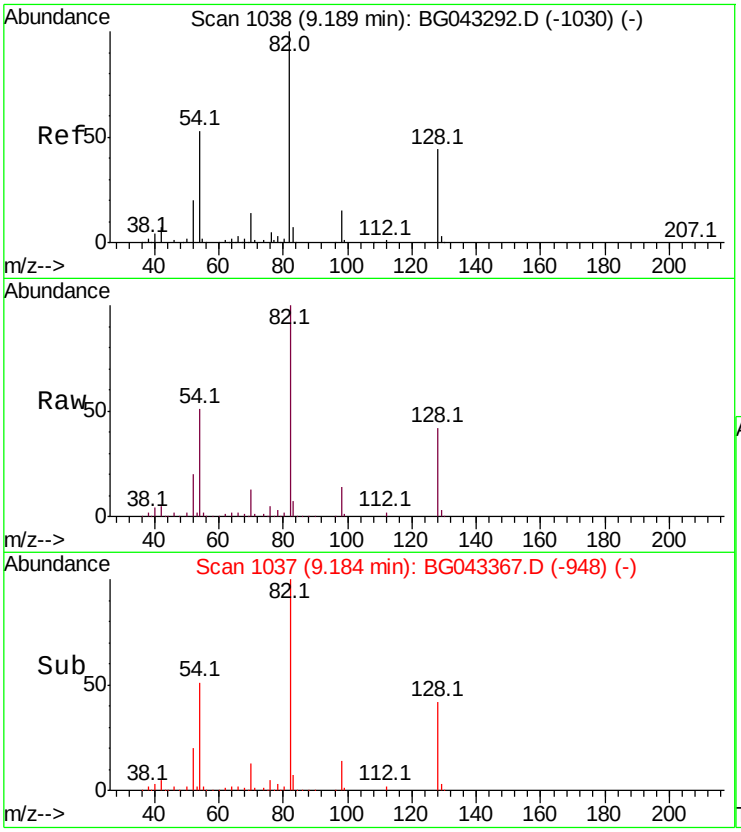


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BG043367.D
Acq: 29 Oct 2019 2:00

Tgt Ion:136 Resp: 170606

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.2	12.2
54	7.4	5.4	8.2
68	3.5	3.3	4.9



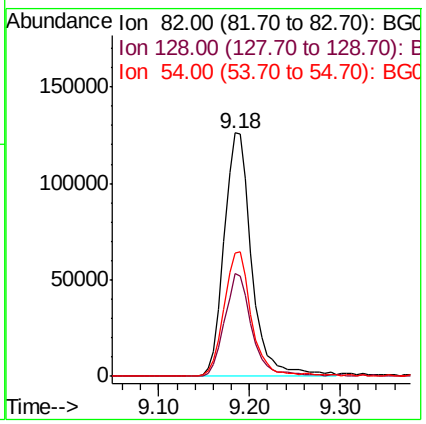


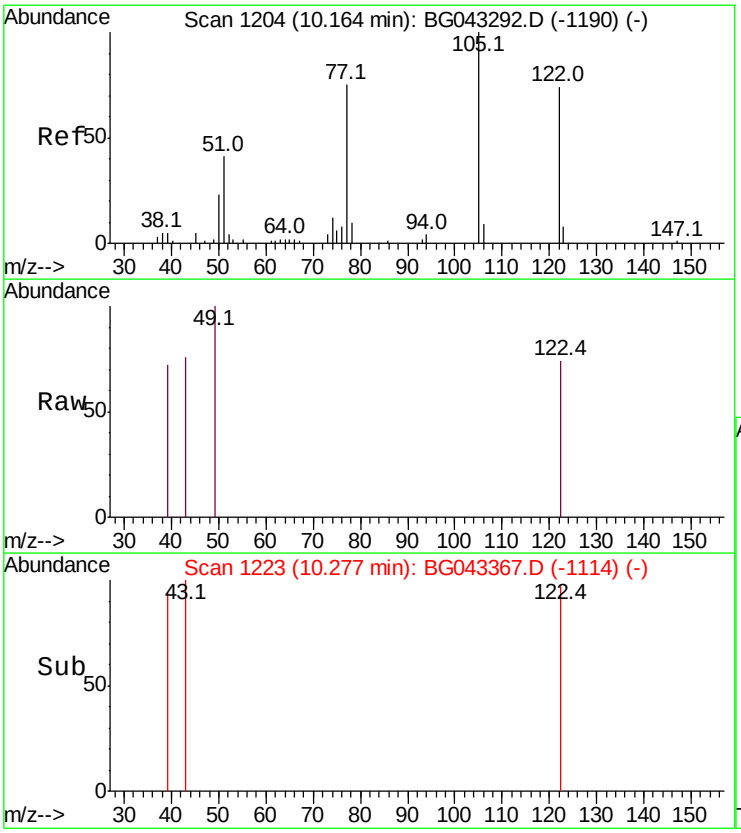
#23
Nitrobenzene-d5
Concen: 80.812 ng
RT: 9.18 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BG043367.D
Acq: 29 Oct 2019 2:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 267427

Ion	Ratio	Lower	Upper
82	100		
128	42.2	35.3	52.9
54	50.8	42.3	63.5

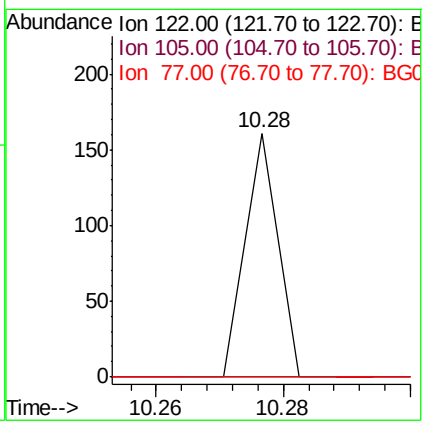


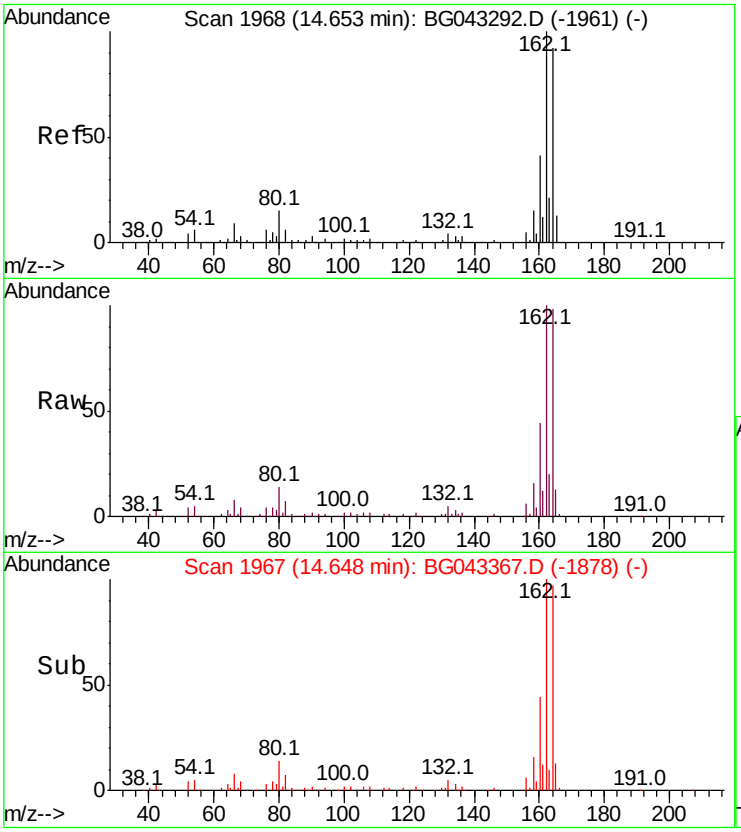


#32
Benzoic acid
Concen: 9.077 ng
RT: 10.28 min Scan# 1223
Delta R.T. 0.11 min
Lab File: BG043367.D
Acq: 29 Oct 2019 2:00

Tgt Ion:122 Resp: 57

Ion	Ratio	Lower	Upper
122	100		
105	0.0	112.4	152.4#
77	0.0	82.7	122.7#



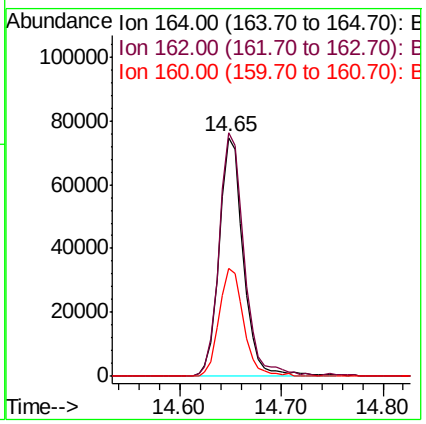


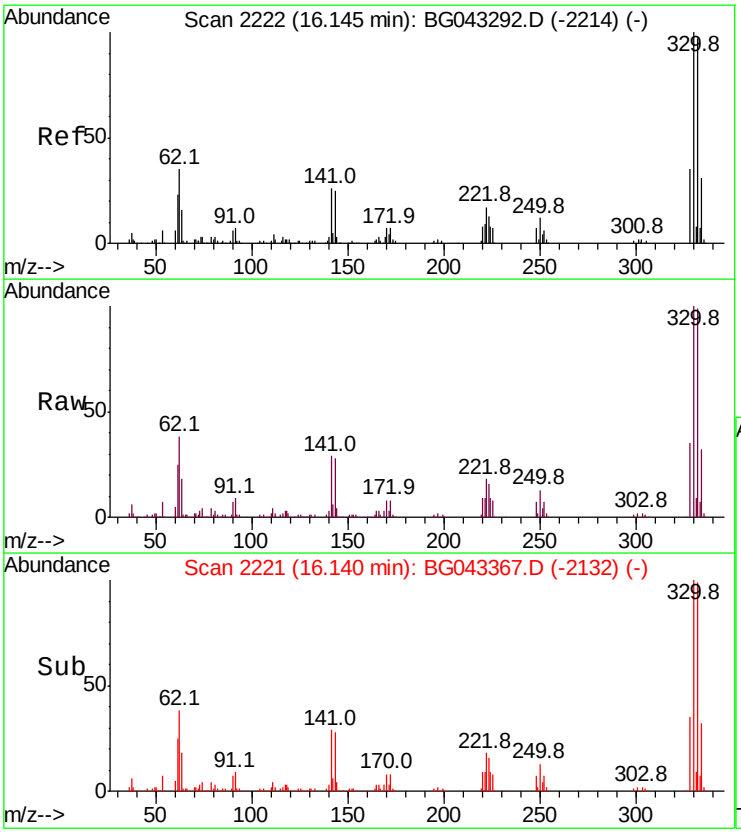
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1967
Delta R.T. -0.01 min
Lab File: BG043367.D
Acq: 29 Oct 2019 2:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 123871

Ion	Ratio	Lower	Upper
164	100		
162	102.0	87.0	130.4
160	45.3	35.5	53.3

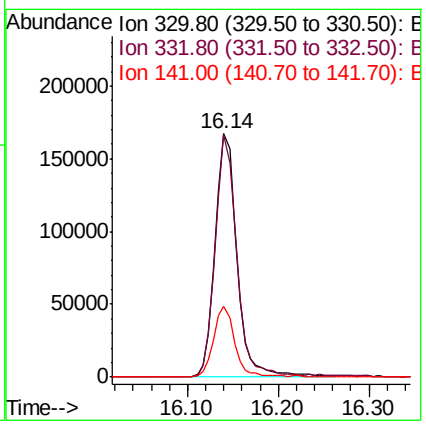


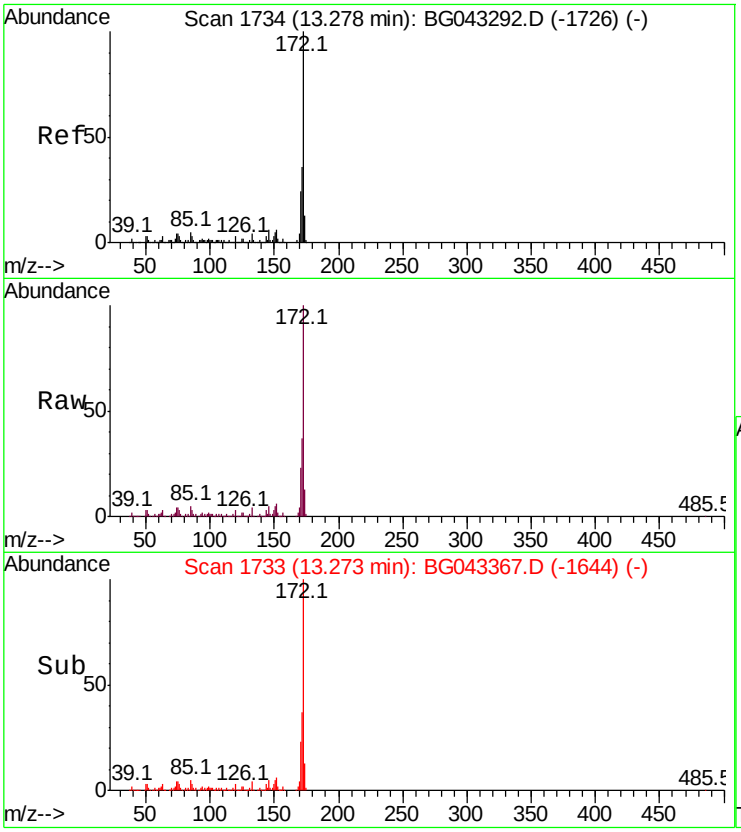


#42
2,4,6-Tribromophenol
Concen: 119.469 ng
RT: 16.14 min Scan# 2221
Delta R.T. -0.01 min
Lab File: BG043367.D
Acq: 29 Oct 2019 2:00

Tgt Ion:330 Resp: 281620

Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.4	114.6
141	28.0	21.4	32.0



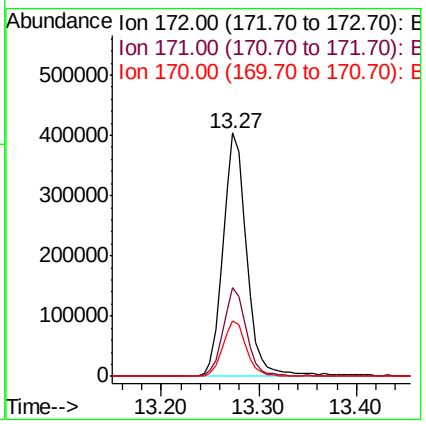


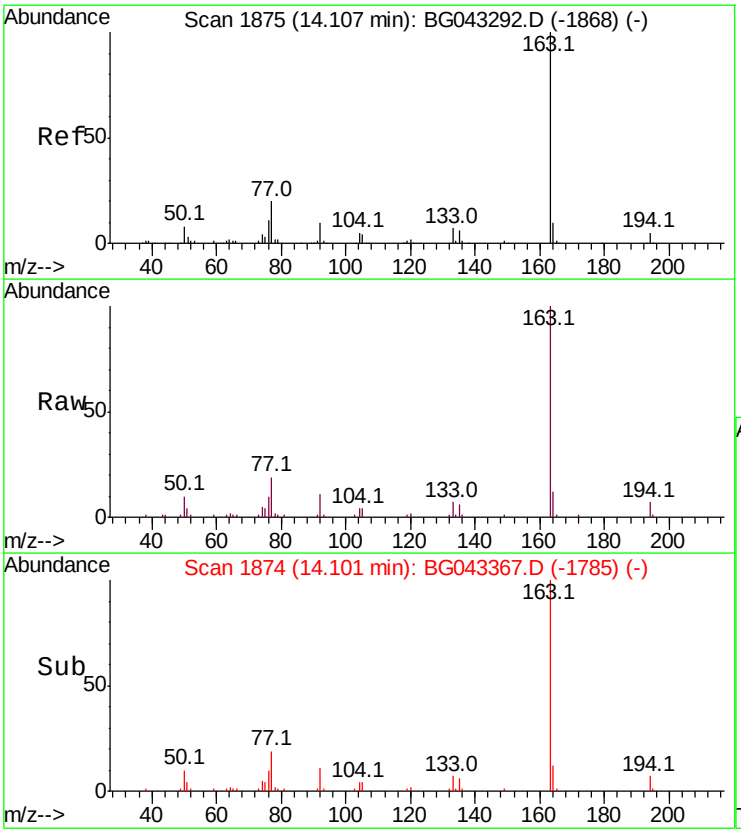
#45
2-Fluorobiphenyl
Concen: 75.556 ng
RT: 13.27 min Scan# 1733
Delta R.T. -0.01 min
Lab File: BG043367.D
Acq: 29 Oct 2019 2:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 677317

Ion	Ratio	Lower	Upper
172	100		
171	36.7	28.5	42.7
170	22.9	18.8	28.2

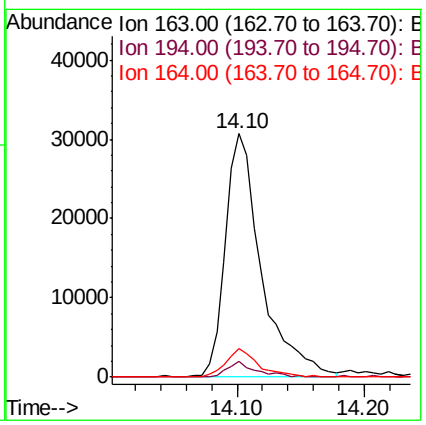


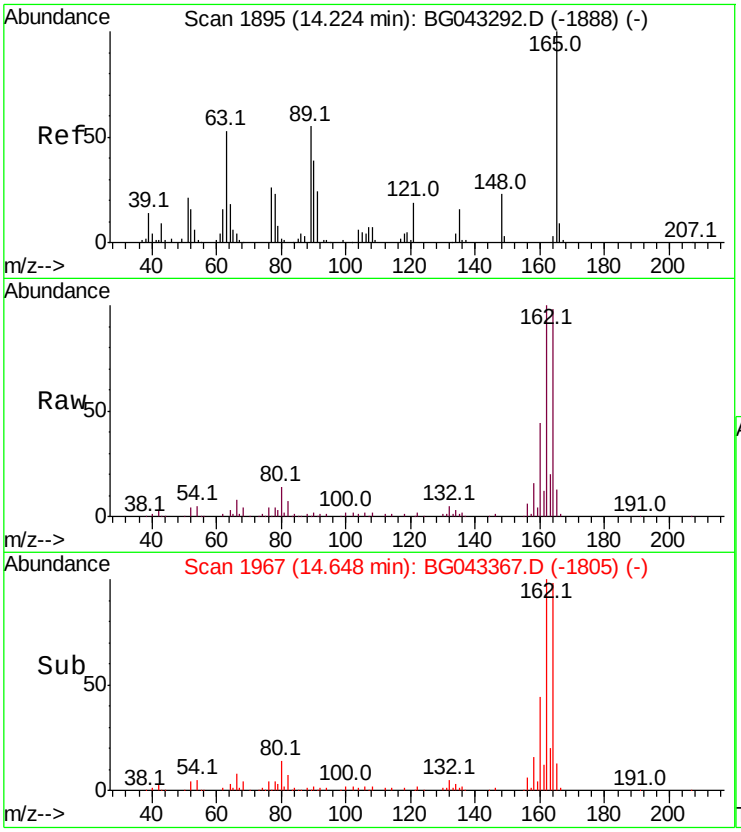


#50
Dimethylphthalate
Concen: 6.296 ng
RT: 14.10 min Scan# 1874
Delta R.T. -0.01 min
Lab File: BG043367.D
Acq: 29 Oct 2019 2:00

Tgt Ion:163 Resp: 60410

Ion	Ratio	Lower	Upper
163	100		
194	6.6	3.7	5.5#
164	12.0	8.1	12.1



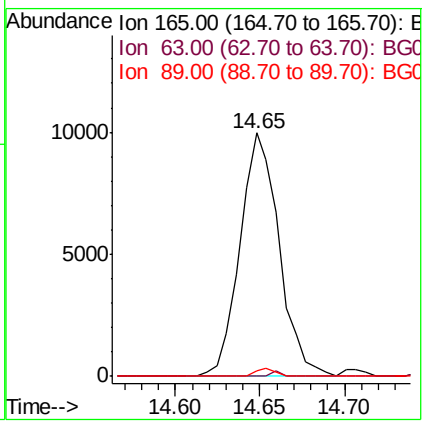


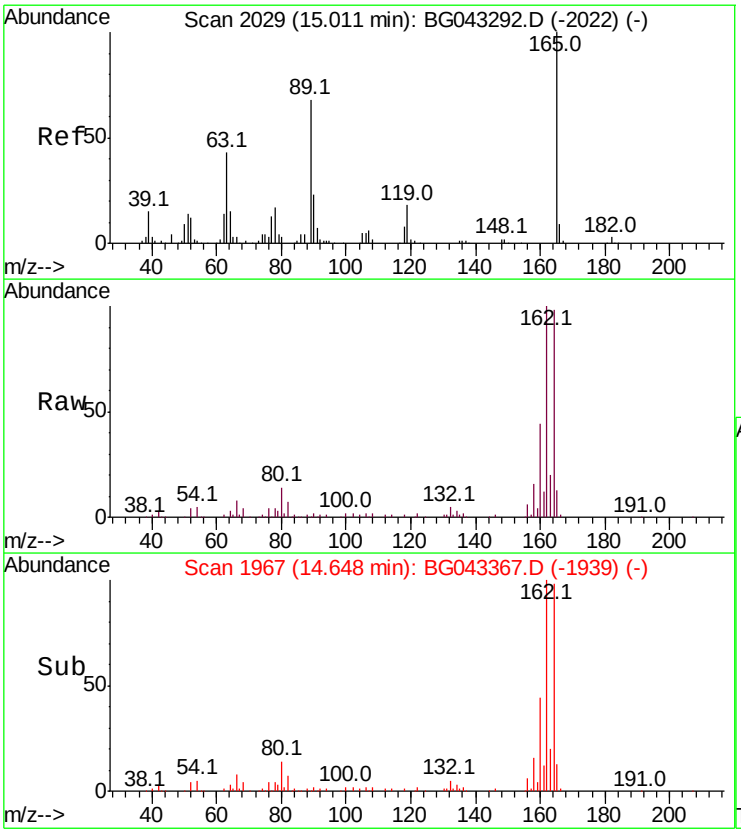
#51
2,6-Dinitrotoluene
Concen: 7.685 ng
RT: 14.65 min Scan# 1967
Delta R.T. 0.42 min
Lab File: BG043367.D
Acq: 29 Oct 2019 2:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 16018

Ion	Ratio	Lower	Upper
165	100		
63	0.0	47.1	70.7#
89	2.4	43.7	65.5#

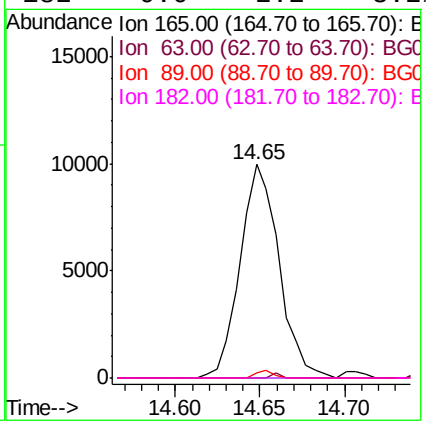


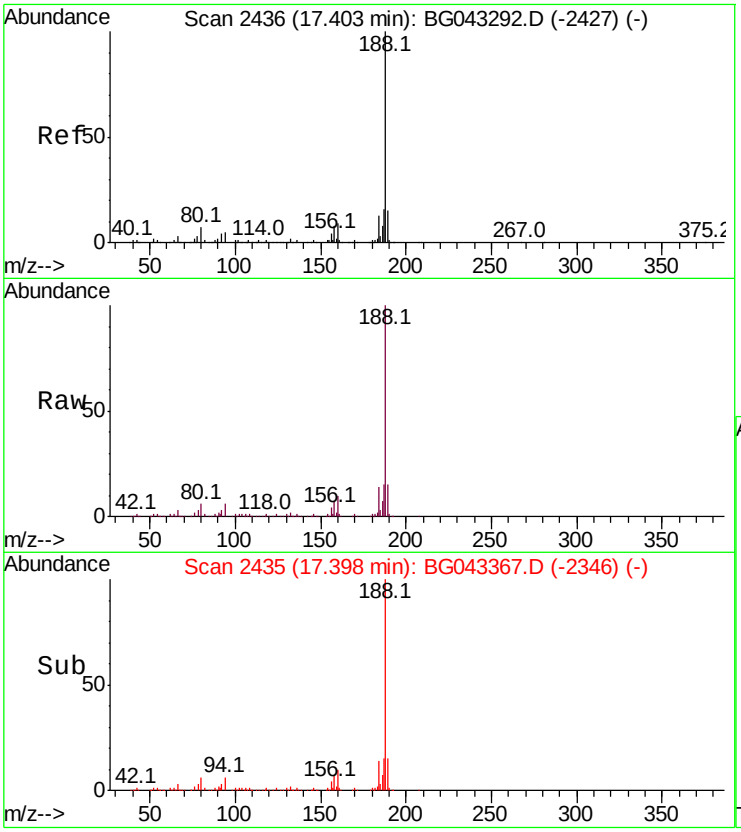


#57
2,4-Dinitrotoluene
Concen: 5.377 ng
RT: 14.65 min Scan# 1967
Delta R.T. -0.36 min
Lab File: BG043367.D
Acq: 29 Oct 2019 2:00

Tgt Ion:165 Resp: 16018

Ion	Ratio	Lower	Upper
165	100		
63	0.0	35.0	52.6#
89	2.4	54.1	81.1#
182	0.0	2.2	3.2#



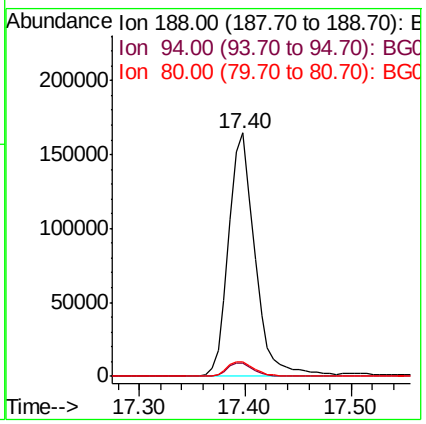


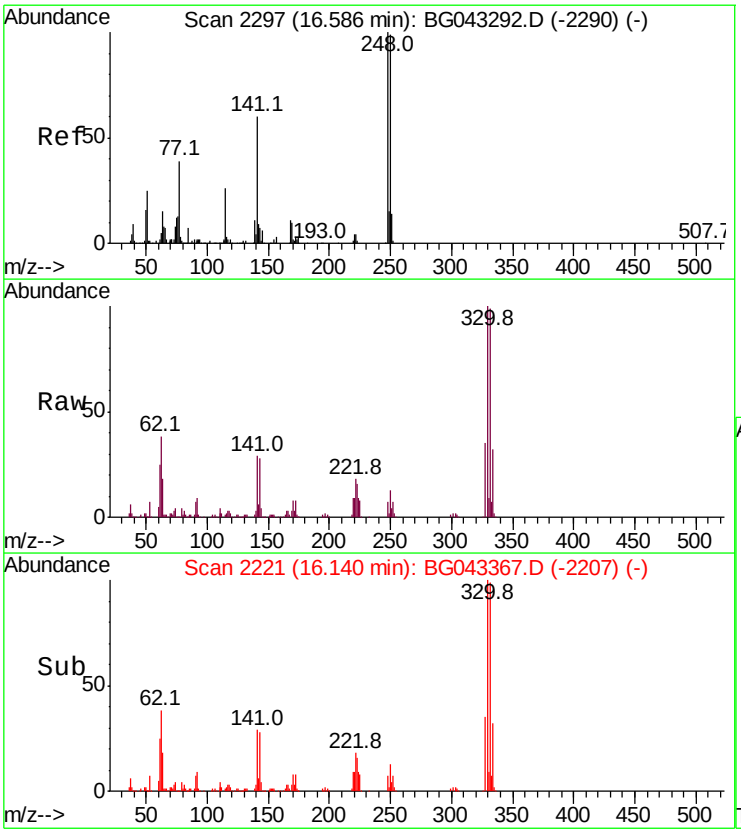
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BG043367.D
Acq: 29 Oct 2019 2:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 284788

Ion	Ratio	Lower	Upper
188	100		
94	5.5	4.2	6.2
80	6.0	5.2	7.8

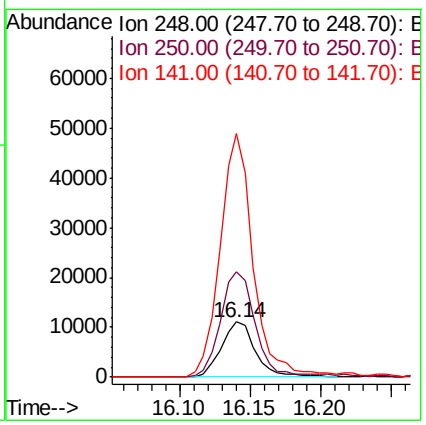


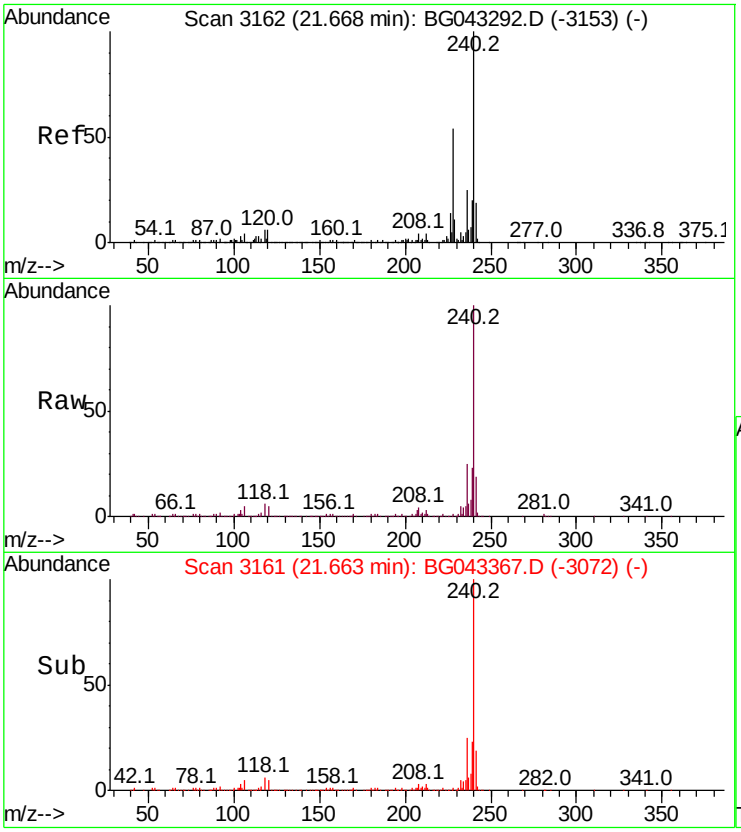


#67
4-Bromophenyl-phenylether
Concen: 4.850 ng
RT: 16.14 min Scan# 2221
Delta R.T. -0.45 min
Lab File: BG043367.D
Acq: 29 Oct 2019 2:00

Tgt Ion:248 Resp: 18587

Ion	Ratio	Lower	Upper
248	100		
250	190.6	79.3	118.9#
141	439.5	47.9	71.9#



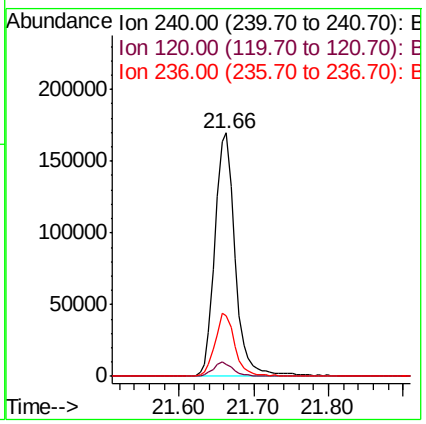


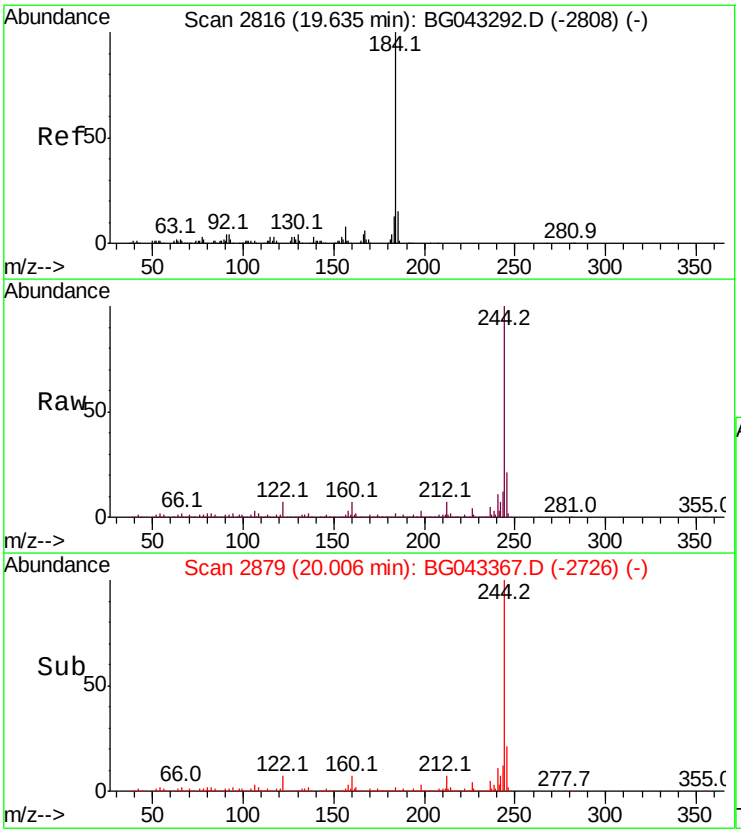
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3161
Delta R.T. -0.01 min
Lab File: BG043367.D
Acq: 29 Oct 2019 2:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 320837

Ion	Ratio	Lower	Upper
240	100		
120	5.1	4.6	7.0
236	25.0	20.2	30.4

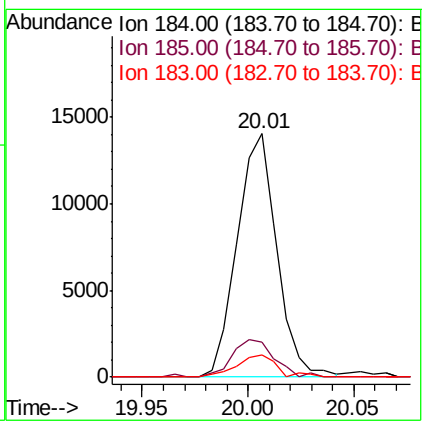


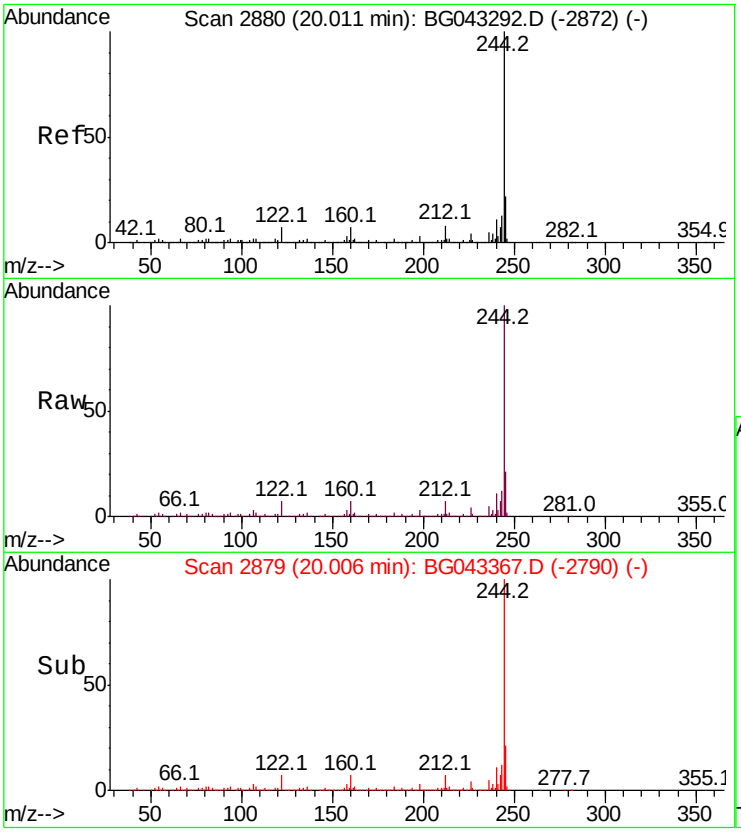


#77
Benzidine
Concen: 2.826 ng
RT: 20.01 min Scan# 2879
Delta R.T. 0.37 min
Lab File: BG043367.D
Acq: 29 Oct 2019 2:00

Tgt Ion:184 Resp: 18248

Ion	Ratio	Lower	Upper
184	100		
185	14.2	11.8	17.6
183	8.9	10.6	16.0#



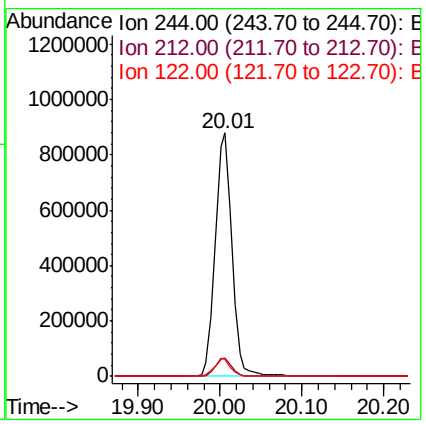


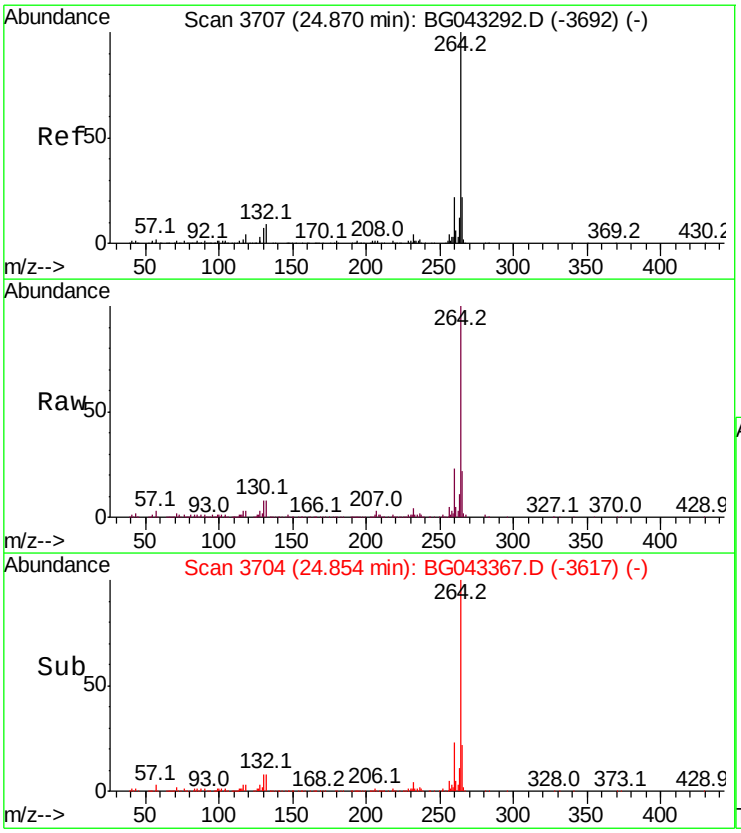
#79
Terphenyl-d14
Concen: 73.664 ng
RT: 20.01 min Scan# 2879
Delta R.T. -0.01 min
Lab File: BG043367.D
Acq: 29 Oct 2019 2:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1259777

Ion	Ratio	Lower	Upper
244	100		
212	7.3	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: BG043367.D
Acq: 29 Oct 2019 2:00

Tgt Ion:264 Resp: 377873

Ion	Ratio	Lower	Upper
264	100		
260	22.7	17.9	26.9
265	21.9	17.4	26.2