Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103119\
Data File : BG043444.D
Acq On : 31 Oct 2019 21:38
Operator : JU
Sample : K5148-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Nov 01 04:02:23 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	48222	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	165478	20.00	ng		0.00
39) Acenaphthene-d10	14.65	164	119562	20.00	ng		0.00
64) Phenanthrene-d10	17.40	188	275580	20.00	ng		0.00
76) Chrysene-d12	21.66	240	290436	20.00	ng		0.00
87) Perylene-d12	24.86	264	349188	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	356612	135.51	ng		0.01
7) Phenol-d6	7.21	99	481208	127.10	ng		0.01
23) Nitrobenzene-d5	9.19	82	302584	94.27	ng		0.00
42) 2,4,6-Tribromophenol	16.14	330	289545	127.26	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	787187	90.98	ng		0.00
79) Terphenyl-d14	20.00	244	1464737	94.61	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.22	88	8709	8.492	ng	#	1
10) Phenol	7.24	94	13532	3.911	ng		88
15) Benzyl Alcohol	8.35	79	5387	2.026	ng	#	50
19) n-Nitroso-di-n-propylamine	9.19	70	42045	17.185	ng	#	74
50) Dimethylphthalate	14.10	163	97846	10.565	ng		98
54) 2,4-Dinitrophenol	14.41	184	54	7.322	ng	#	20
57) 2,4-Dinitrotoluene	14.65	165	16079	5.592	ng	#	24
67) 4-Bromophenyl-phenylether	16.14	248	18887	5.093	ng	#	1
77) Benzidine	20.00	184	20849	3.567	ng	#	94

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103119\
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Acq On : 31 Oct 2019 21:38
Operator : JU
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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Nov 01 04:02:23 2019
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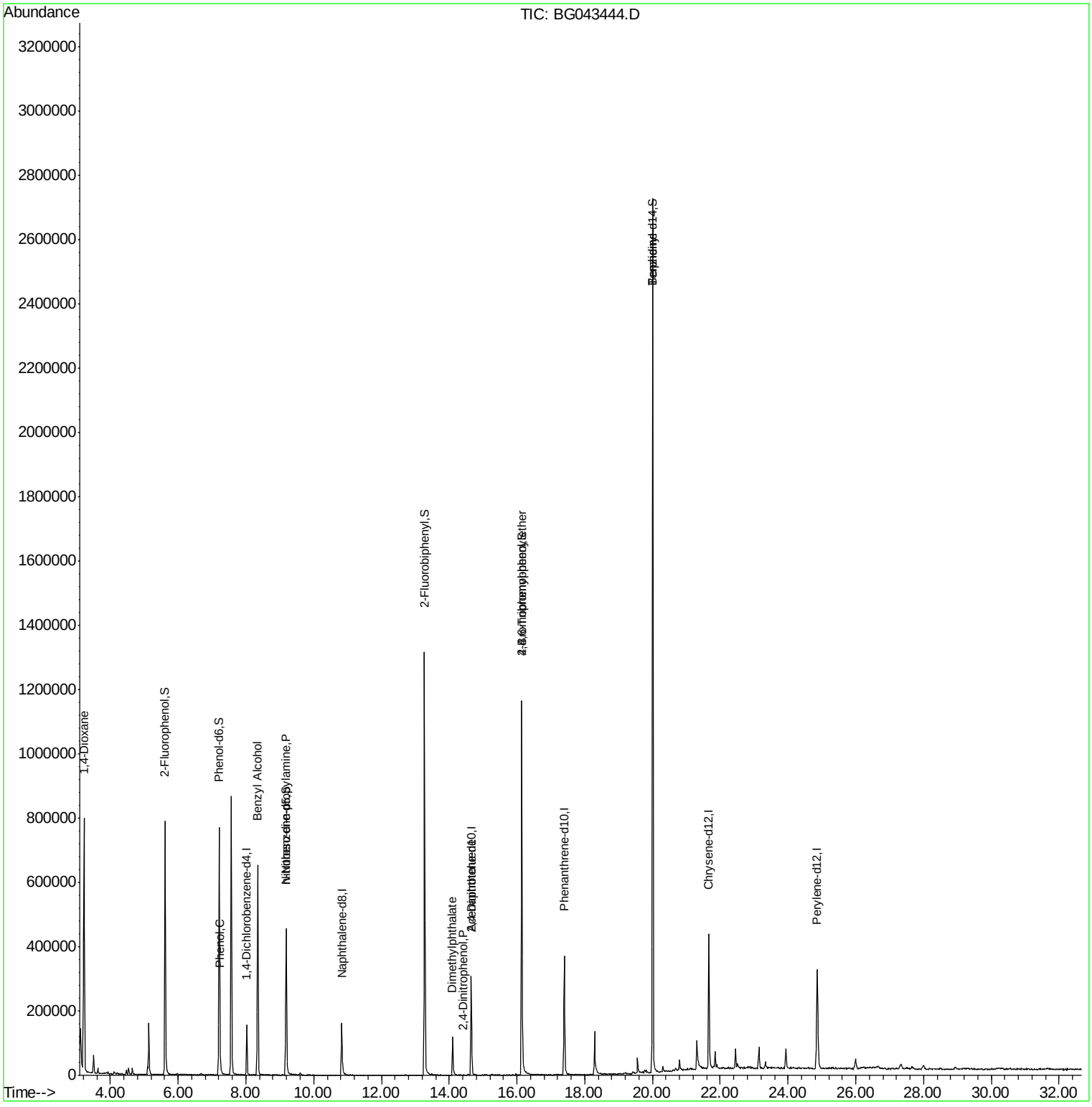
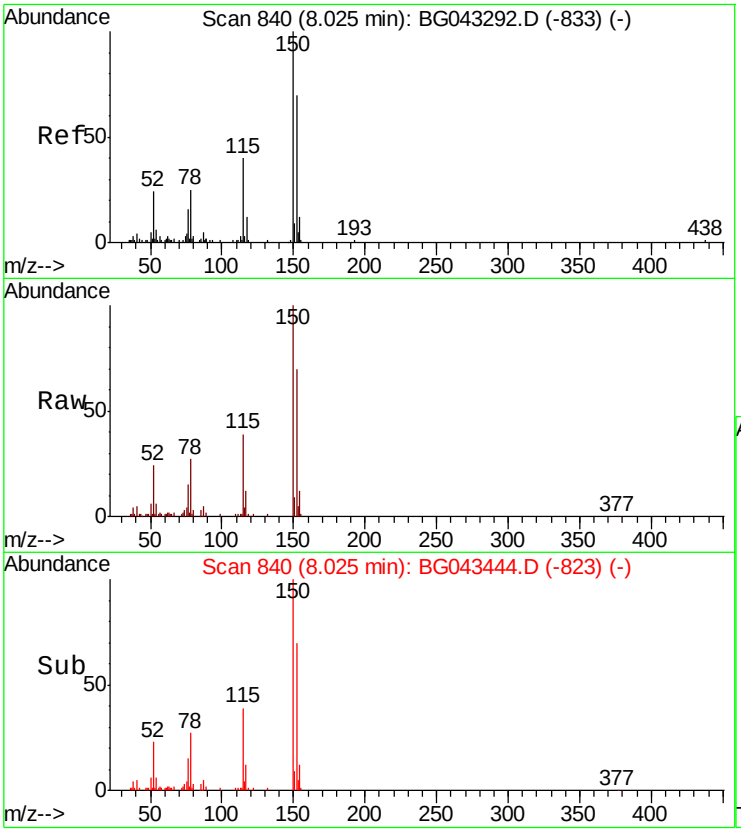
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 21 16:37:43 2019
Response via : Initial Calibration



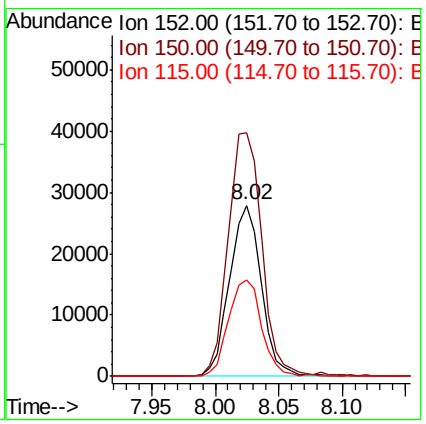


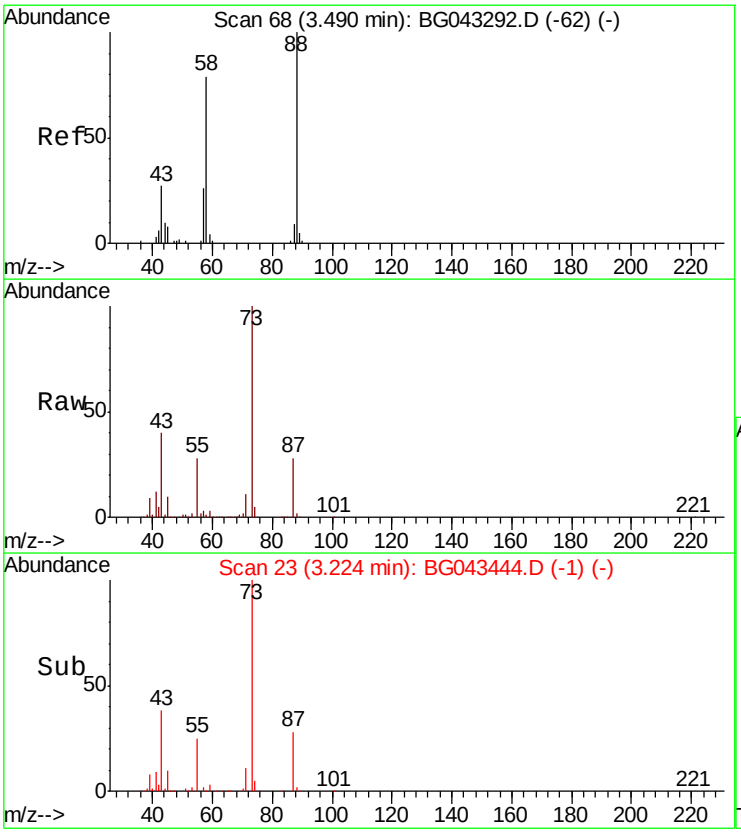
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.00 min
Lab File: BG043444.D
Acq: 31 Oct 2019 21:38

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 48222

Ion	Ratio	Lower	Upper
152	100		
150	142.2	113.6	170.4
115	56.1	45.9	68.9

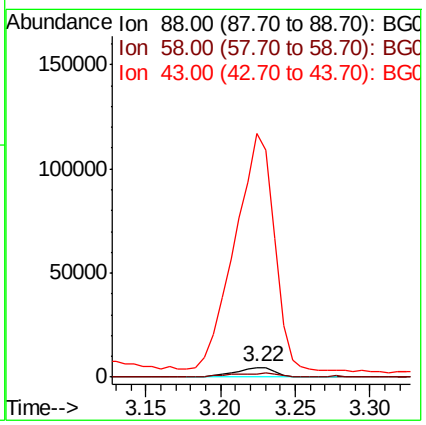


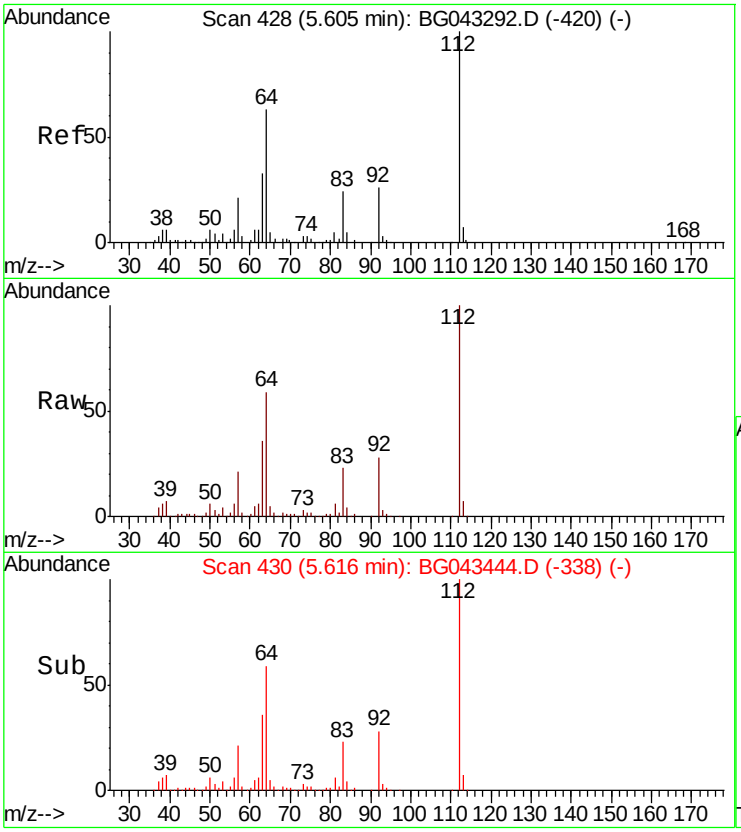


#2
1,4-Dioxane
Concen: 8.492 ng
RT: 3.22 min Scan# 23
Delta R.T. -0.27 min
Lab File: BG043444.D
Acq: 31 Oct 2019 21:38

Tgt Ion: 88 Resp: 8709

Ion	Ratio	Lower	Upper
88	100		
58	50.7	60.2	90.2#
43	2464.9	22.7	34.1#



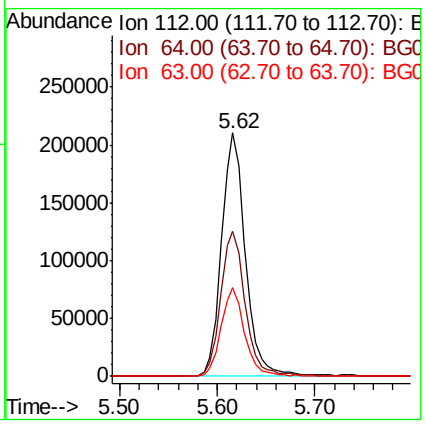


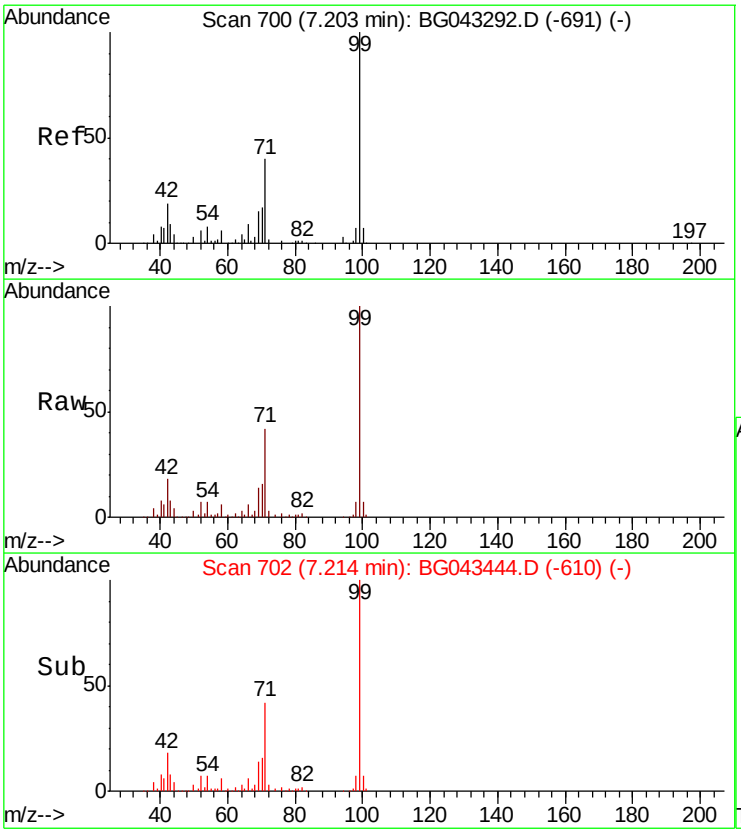
#5
2-Fluorophenol
Concen: 135.513 ng
RT: 5.62 min Scan# 430
Delta R.T. 0.01 min
Lab File: BG043444.D
Acq: 31 Oct 2019 21:38

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:112 Resp: 356612

Ion	Ratio	Lower	Upper
112	100		
64	59.3	50.2	75.2
63	36.4	26.7	40.1

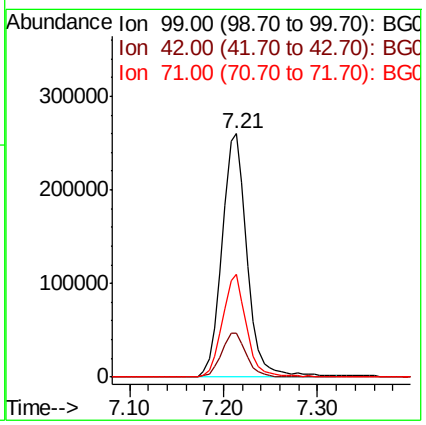


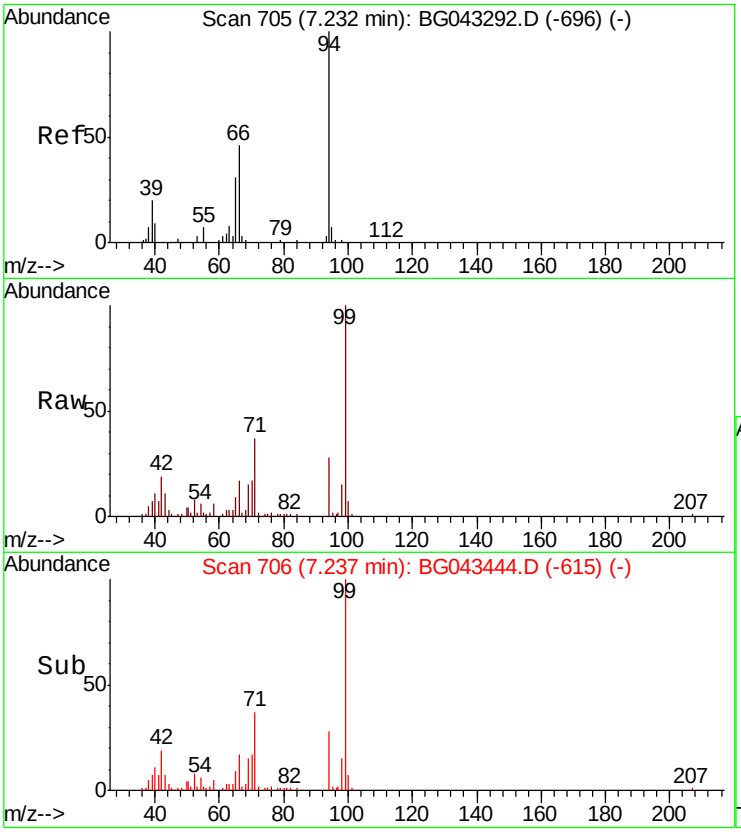


#7
Phenol-d6
Concen: 127.095 ng
RT: 7.21 min Scan# 702
Delta R.T. 0.01 min
Lab File: BG043444.D
Acq: 31 Oct 2019 21:38

Tgt Ion: 99 Resp: 481208

Ion	Ratio	Lower	Upper
99	100		
42	18.1	14.9	22.3
71	42.3	32.2	48.2



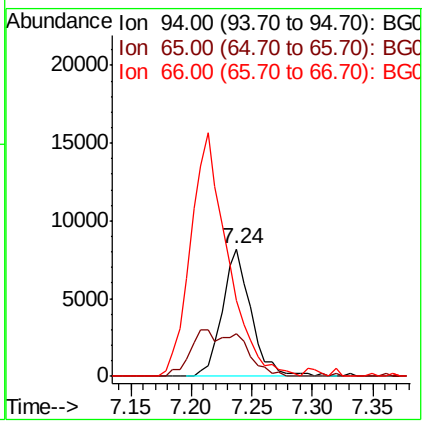


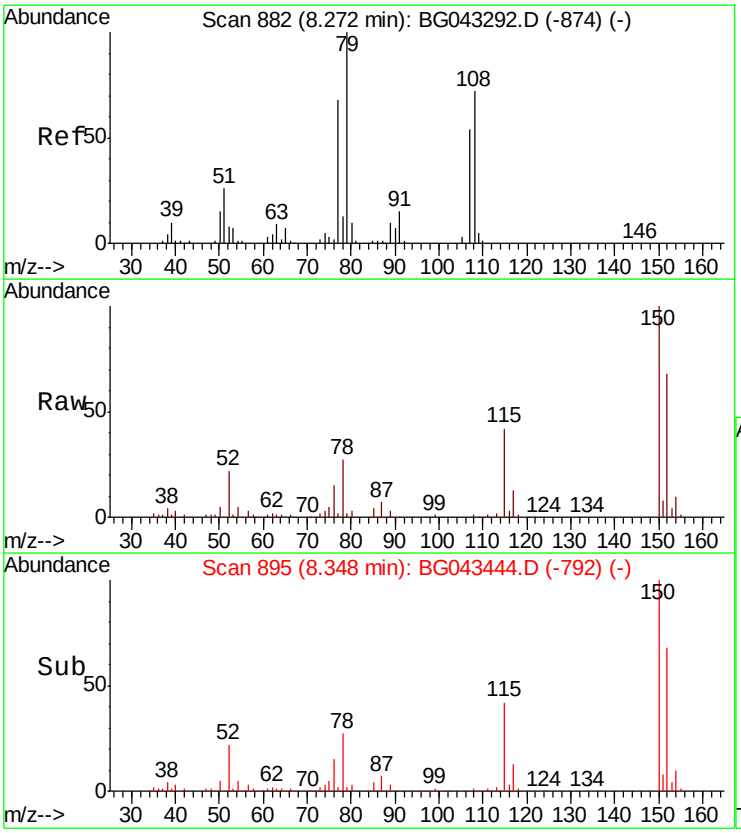
#10
Phenol
Concen: 3.911 ng
RT: 7.24 min Scan# 706
Delta R.T. 0.00 min
Lab File: BG043444.D
Acq: 31 Oct 2019 21:38

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 94 Resp: 13532

Ion	Ratio	Lower	Upper
94	100		
65	33.3	11.1	51.1
66	59.4	27.8	67.8

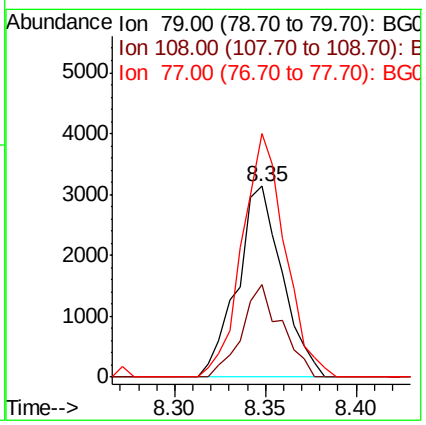


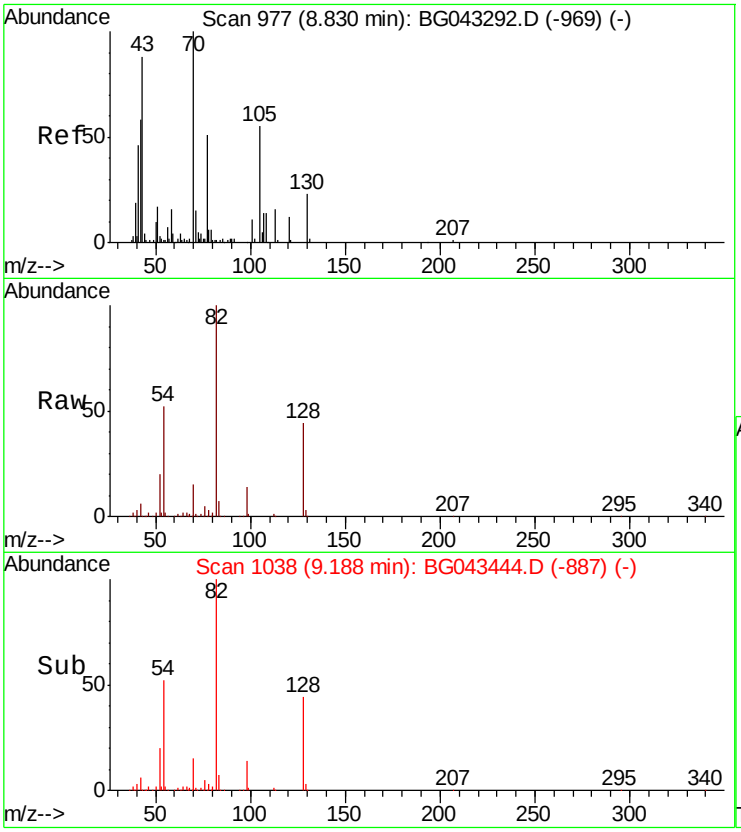


#15
Benzyl Alcohol
Concen: 2.026 ng
RT: 8.35 min Scan# 895
Delta R.T. 0.08 min
Lab File: BG043444.D
Acq: 31 Oct 2019 21:38

Tgt Ion: 79 Resp: 5387

Ion	Ratio	Lower	Upper
79	100		
108	48.4	57.3	85.9#
77	127.7	54.6	81.8#



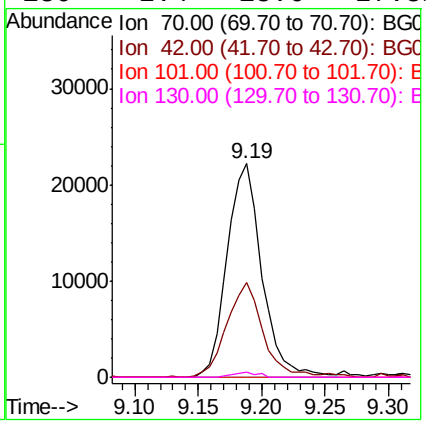


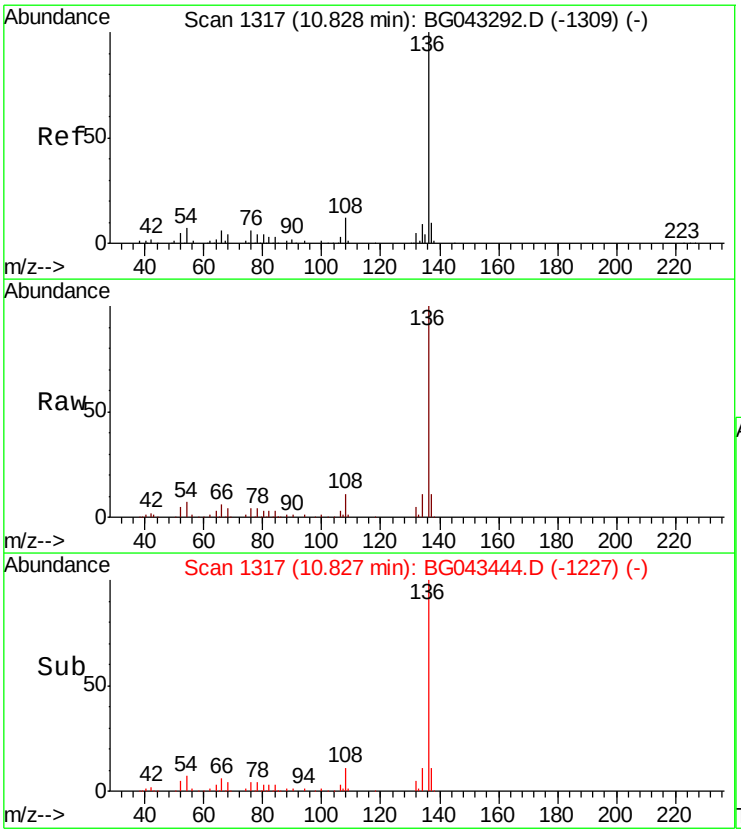
#19
n-Nitroso-di-n-propylamine
Concen: 17.185 ng
RT: 9.19 min Scan# 1038
Delta R.T. 0.36 min
Lab File: BG043444.D
Acq: 31 Oct 2019 21:38

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 42045

Ion	Ratio	Lower	Upper
70	100		
42	44.1	46.2	69.2#
101	0.0	8.6	13.0#
130	2.4	18.6	27.8#

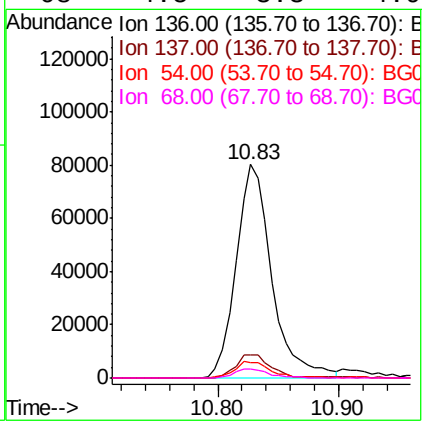


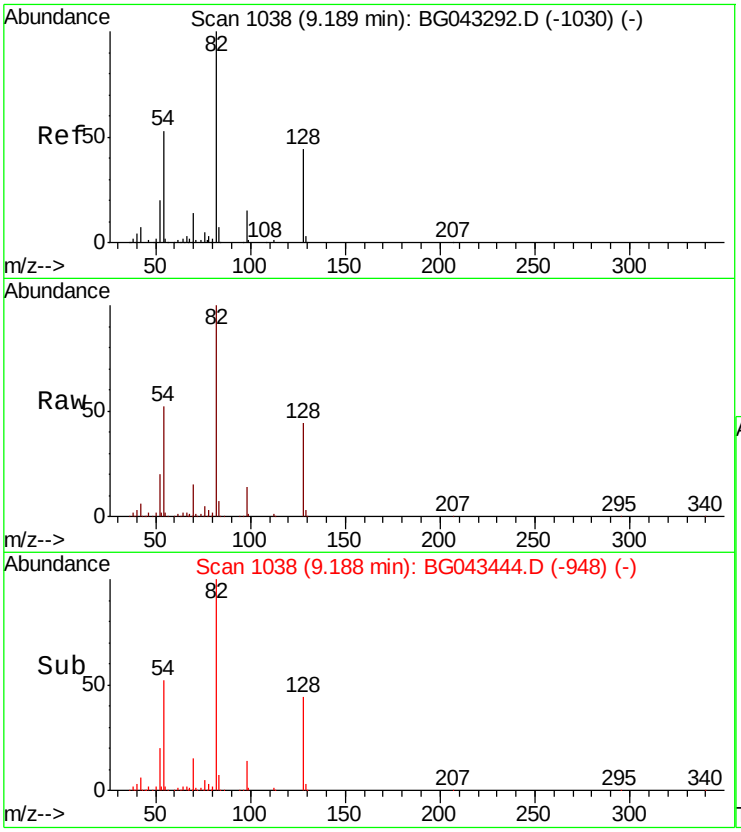


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BG043444.D
Acq: 31 Oct 2019 21:38

Tgt Ion:136 Resp: 165478

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.2	12.2
54	7.5	5.4	8.2
68	4.5	3.3	4.9



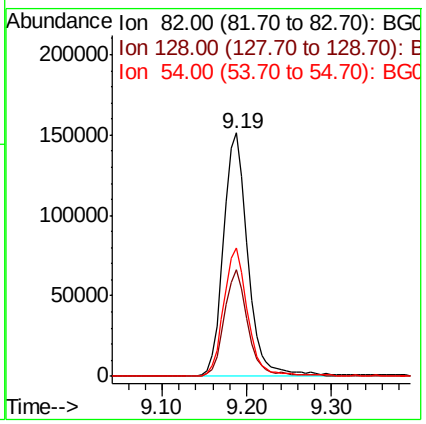


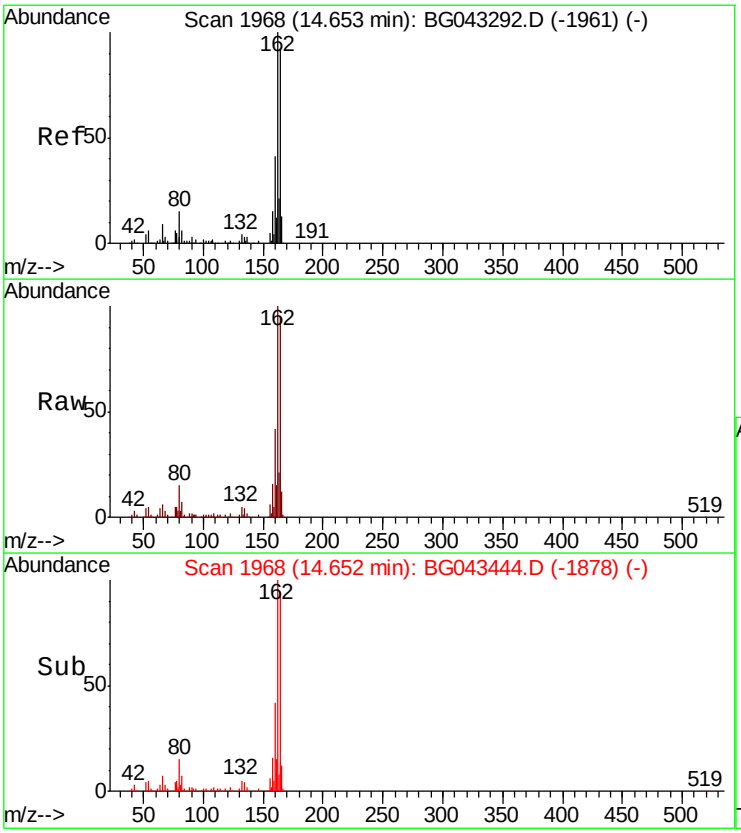
#23
Nitrobenzene-d5
Concen: 94.270 ng
RT: 9.19 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BG043444.D
Acq: 31 Oct 2019 21:38

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 302584

Ion	Ratio	Lower	Upper
82	100		
128	43.6	35.3	52.9
54	52.5	42.3	63.5

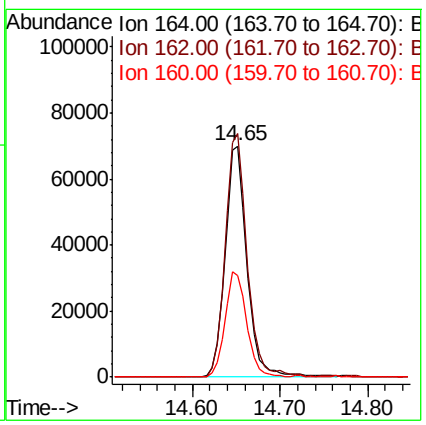


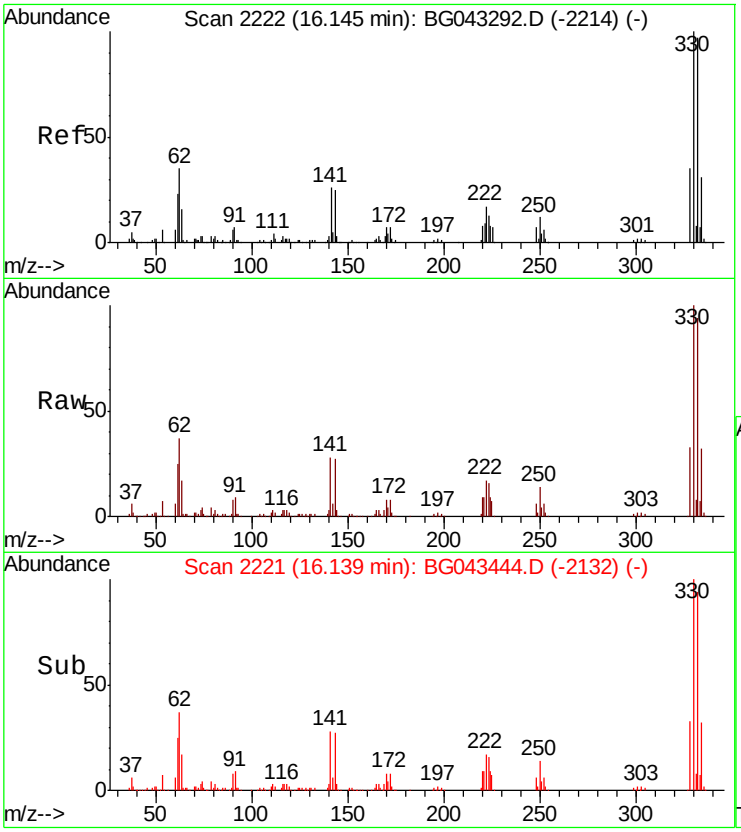


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.00 min
Lab File: BG043444.D
Acq: 31 Oct 2019 21:38

Tgt Ion:164 Resp: 119562

Ion	Ratio	Lower	Upper
164	100		
162	105.4	87.0	130.4
160	43.9	35.5	53.3



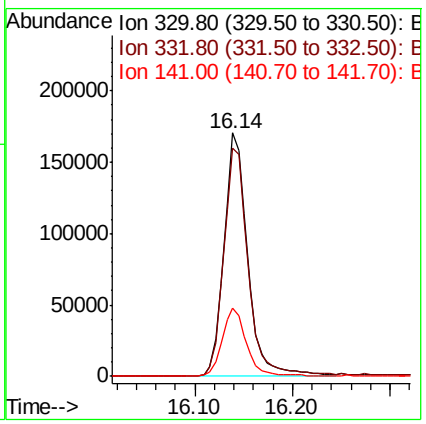


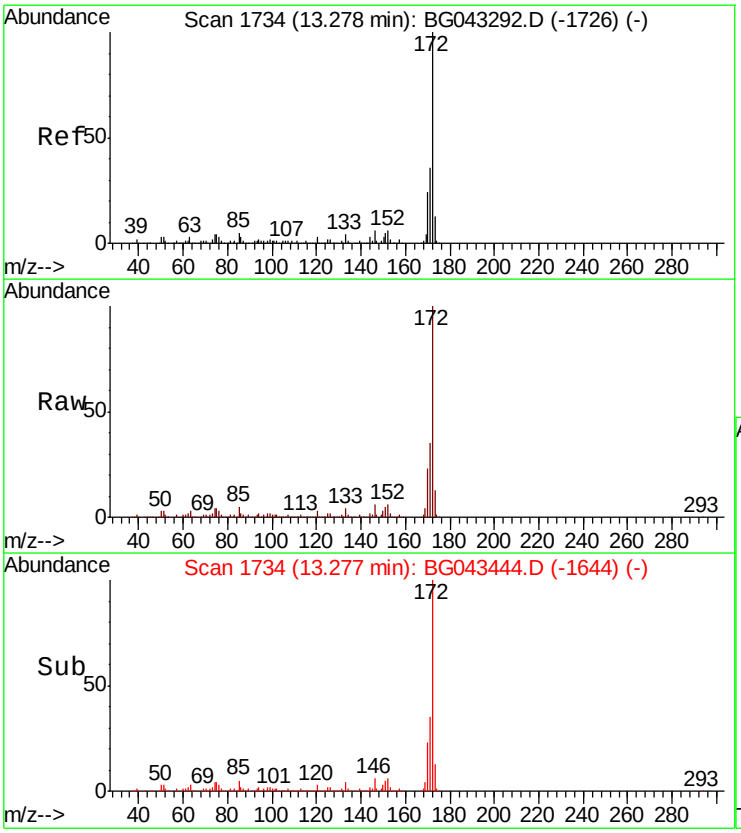
#42
2,4,6-Tribromophenol
Concen: 127.257 ng
RT: 16.14 min Scan# 2221
Delta R.T. -0.01 min
Lab File: BG043444.D
Acq: 31 Oct 2019 21:38

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 289545

Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.4	114.6
141	29.0	21.4	32.0

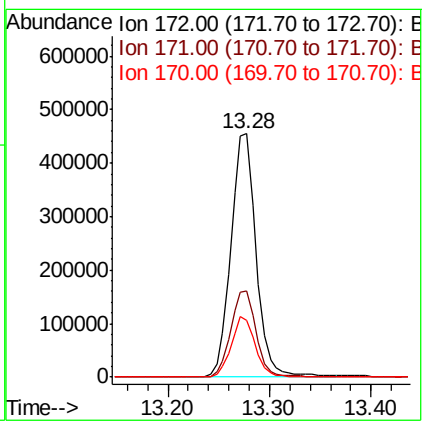


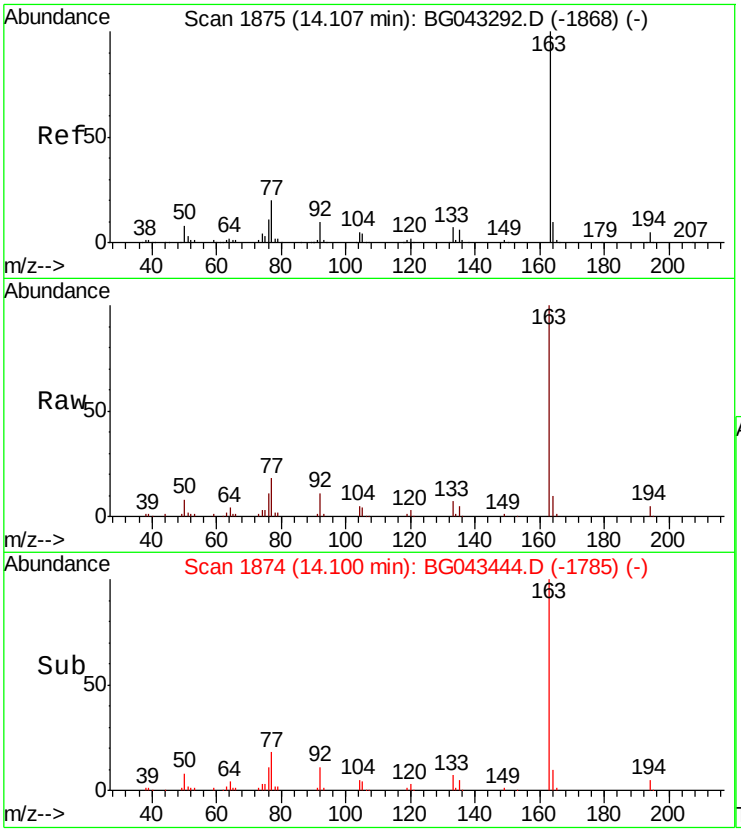


#45
2-Fluorobiphenyl
Concen: 90.977 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.00 min
Lab File: BG043444.D
Acq: 31 Oct 2019 21:38

Tgt Ion:172 Resp: 787187

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.5	42.7
170	23.2	18.8	28.2



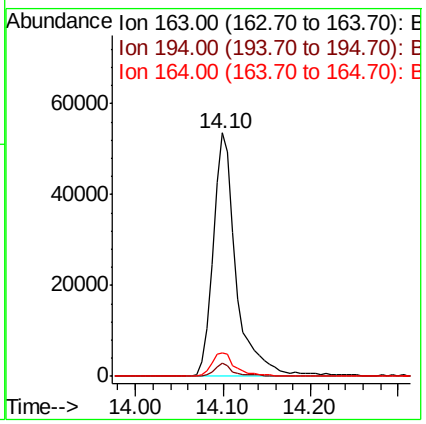


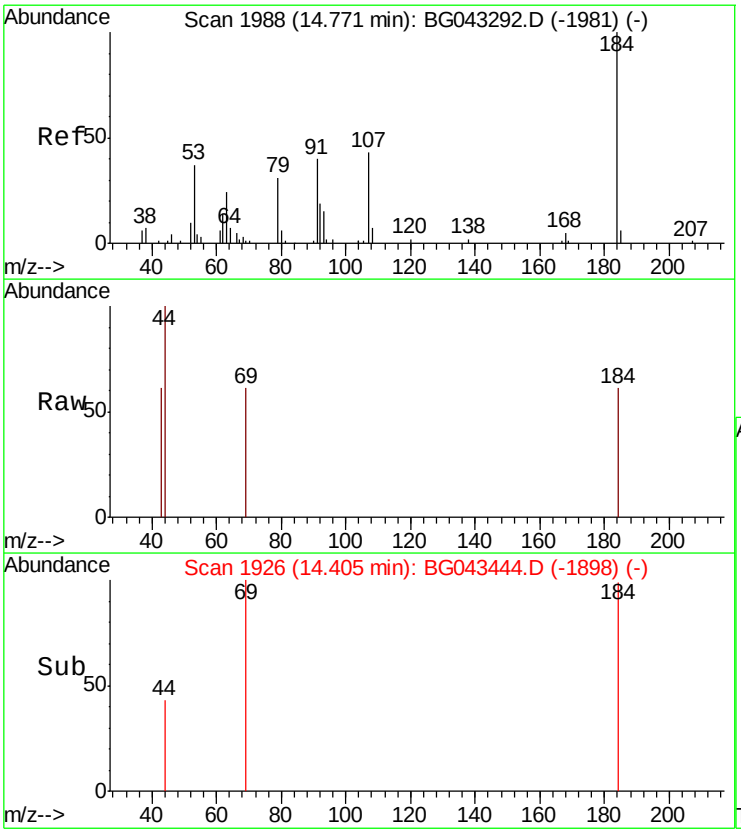
#50
Dimethylphthalate
Concen: 10.565 ng
RT: 14.10 min Scan# 1874
Delta R.T. -0.01 min
Lab File: BG043444.D
Acq: 31 Oct 2019 21:38

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:163 Resp: 97846

Ion	Ratio	Lower	Upper
163	100		
194	5.5	3.7	5.5
164	9.7	8.1	12.1

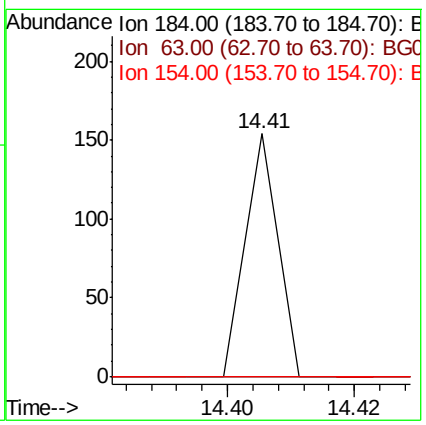


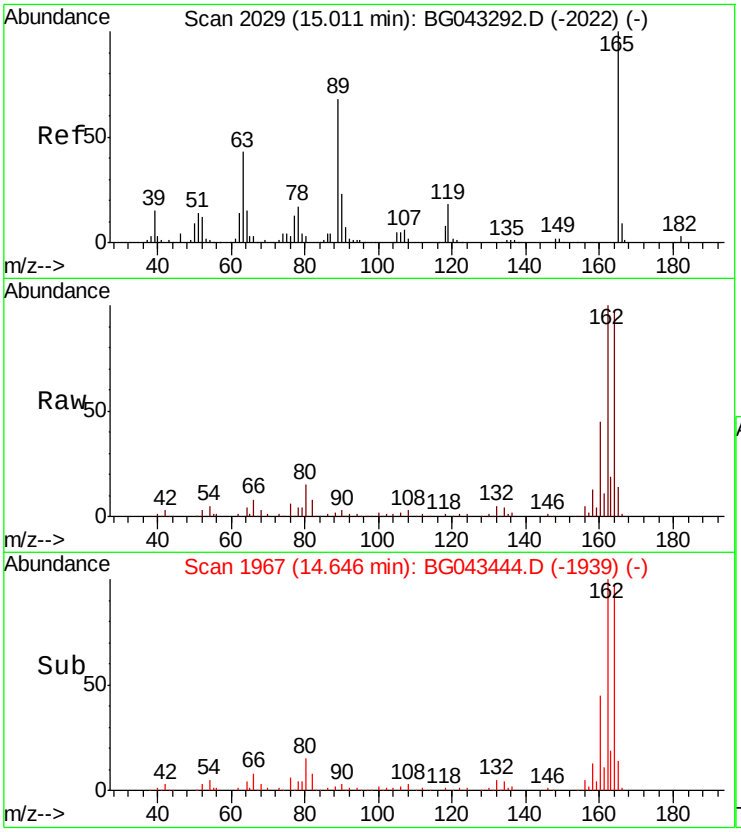


#54
2,4-Dinitrophenol
Concen: 7.322 ng
RT: 14.41 min Scan# 1926
Delta R.T. -0.36 min
Lab File: BG043444.D
Acq: 31 Oct 2019 21:38

Tgt Ion:184 Resp: 54

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



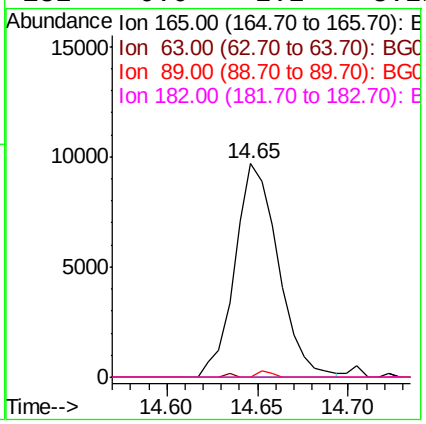


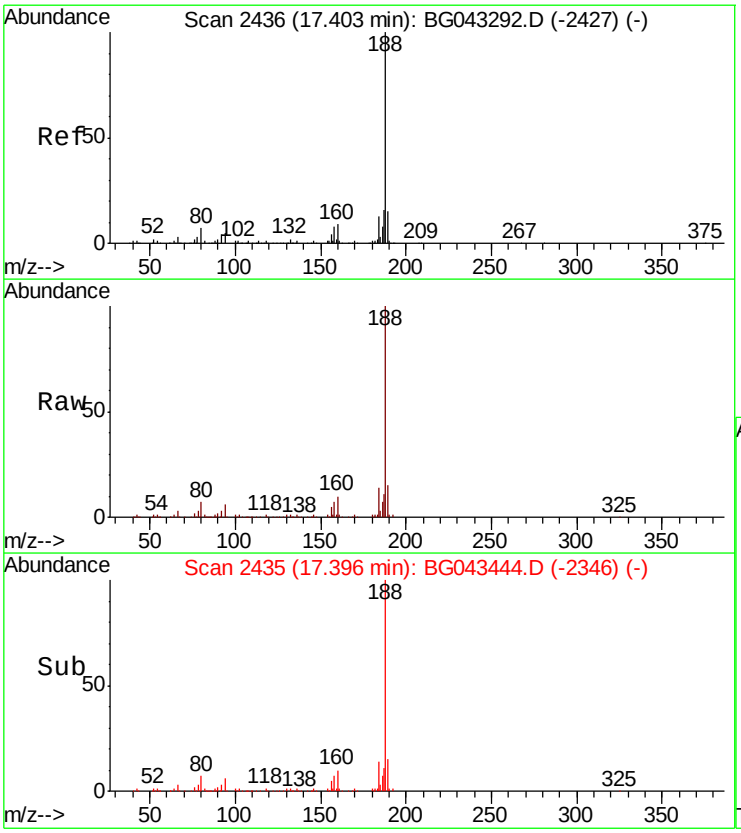
#57
2,4-Dinitrotoluene
Concen: 5.592 ng
RT: 14.65 min Scan# 1967
Delta R.T. -0.37 min
Lab File: BG043444.D
Acq: 31 Oct 2019 21:38

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 16079

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#

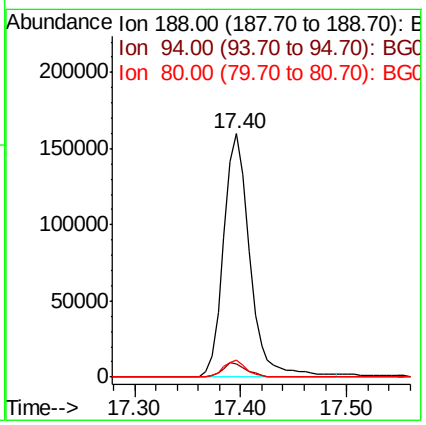


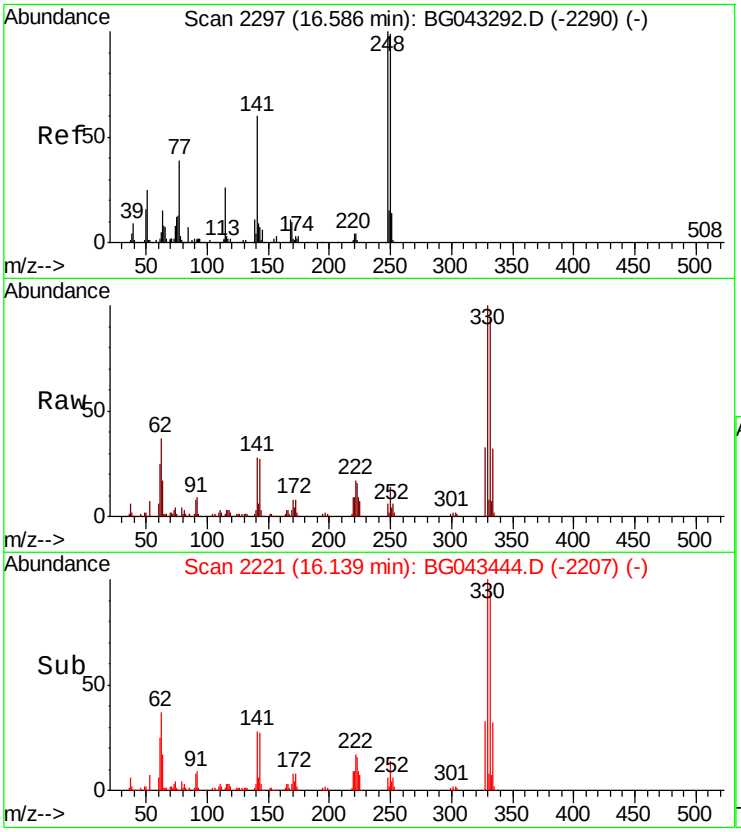


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BG043444.D
Acq: 31 Oct 2019 21:38

Tgt Ion:188 Resp: 275580

Ion	Ratio	Lower	Upper
188	100		
94	5.6	4.2	6.2
80	6.9	5.2	7.8



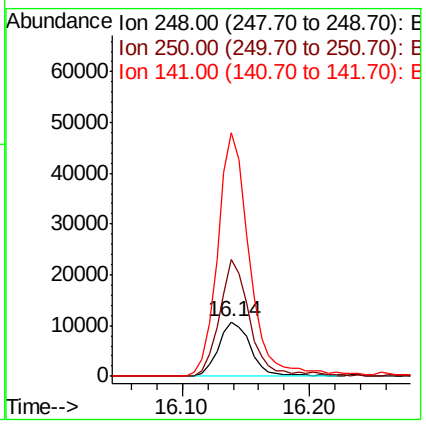


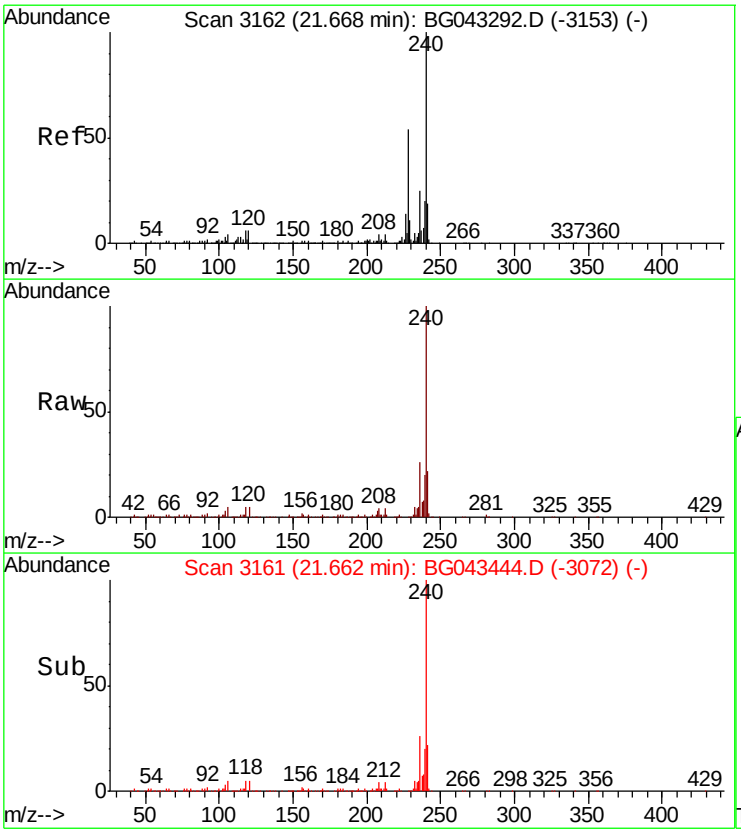
#67
4-Bromophenyl-phenylether
Concen: 5.093 ng
RT: 16.14 min Scan# 2221
Delta R.T. -0.45 min
Lab File: BG043444.D
Acq: 31 Oct 2019 21:38

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 18887

Ion	Ratio	Lower	Upper
248	100		
250	214.5	79.3	118.9#
141	446.6	47.9	71.9#

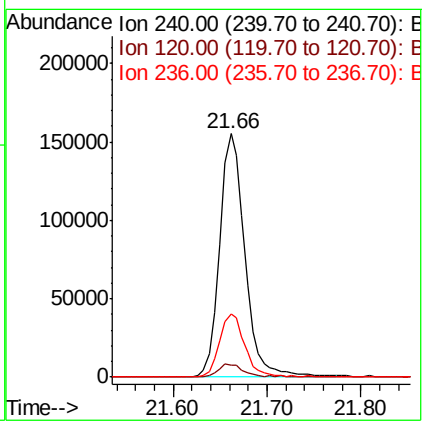


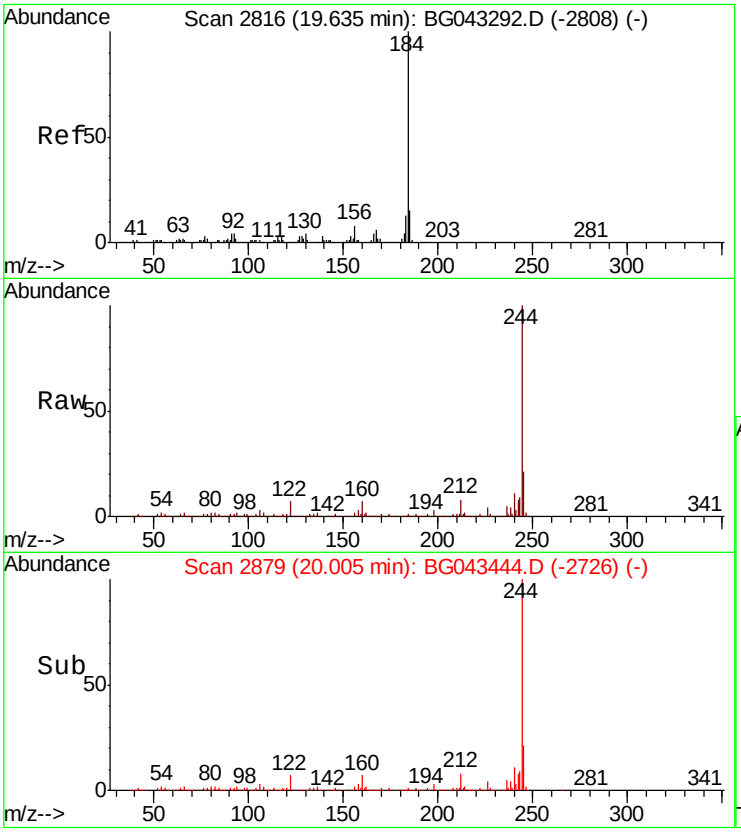


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3161
Delta R.T. -0.01 min
Lab File: BG043444.D
Acq: 31 Oct 2019 21:38

Tgt Ion:240 Resp: 290436

Ion	Ratio	Lower	Upper
240	100		
120	4.9	4.6	7.0
236	25.7	20.2	30.4



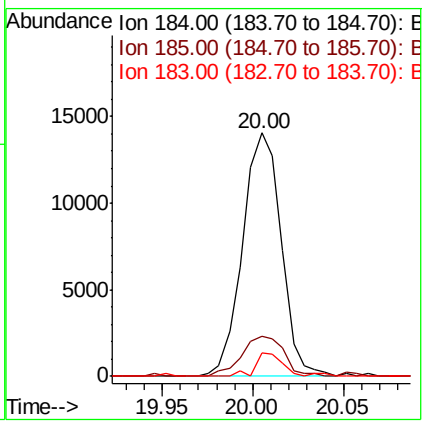


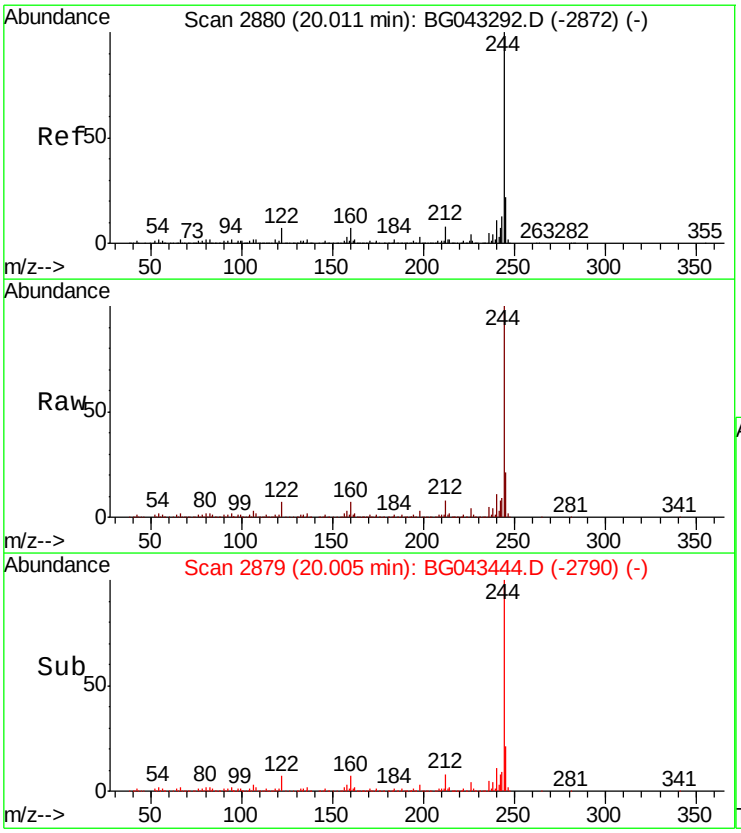
#77
Benzidine
Concen: 3.567 ng
RT: 20.00 min Scan# 2879
Delta R.T. 0.37 min
Lab File: BG043444.D
Acq: 31 Oct 2019 21:38

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 20849

Ion	Ratio	Lower	Upper
184	100		
185	16.2	11.8	17.6
183	9.8	10.6	16.0#

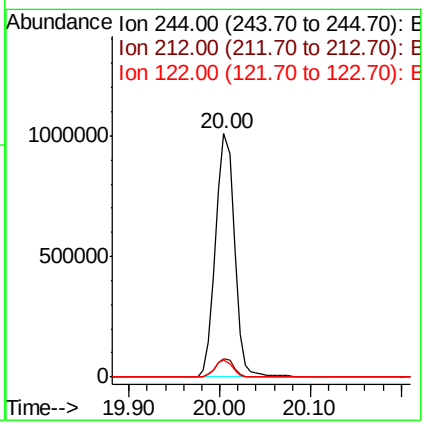


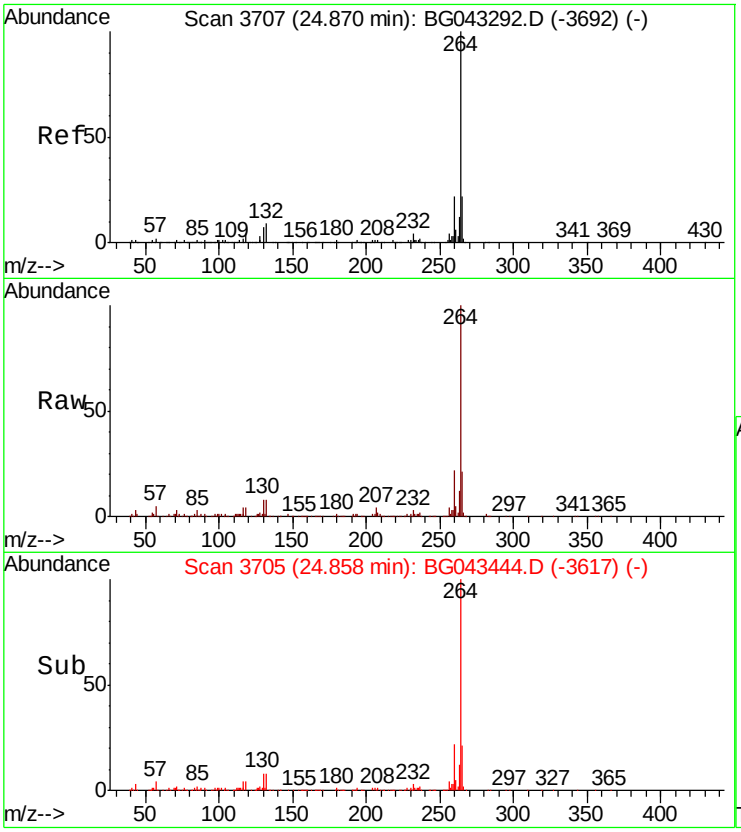


#79
Terphenyl-d14
Concen: 94.614 ng
RT: 20.00 min Scan# 2879
Delta R.T. -0.01 min
Lab File: BG043444.D
Acq: 31 Oct 2019 21:38

Tgt Ion:244 Resp: 1464737

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.4	9.6
122	7.3	5.3	7.9

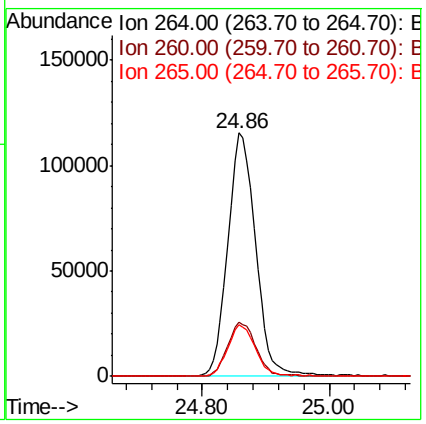




#87
Perylene-d12
Concen: 20.000 ng
RT: 24.86 min Scan# 3705
Delta R.T. -0.01 min
Lab File: BG043444.D
Acq: 31 Oct 2019 21:38

Tgt Ion:264 Resp: 349188

Ion	Ratio	Lower	Upper
264	100		
260	22.0	17.9	26.9
265	21.4	17.4	26.2



Instrument :
BNA_G
ClientSampleId :