Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102819\
Data File : BG043362.D
Acq On : 28 Oct 2019 22:47
Operator : JU
Sample : K5542-21
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Oct 29 13:19:22 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	41233	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	144931	20.00	ng		0.00
39) Acenaphthene-d10	14.65	164	117120	20.00	ng		0.00
64) Phenanthrene-d10	17.40	188	278164	20.00	ng		0.00
76) Chrysene-d12	21.66	240	308453	20.00	ng		0.00
87) Perylene-d12	24.86	264	355957	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	203974	90.65	ng		0.01
7) Phenol-d6	7.21	99	181272	55.99	ng		0.00
23) Nitrobenzene-d5	9.19	82	281252	100.05	ng		0.00
42) 2,4,6-Tribromophenol	16.14	330	305814	137.21	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	790583	93.27	ng		0.00
79) Terphenyl-d14	20.00	244	1536467	93.45	ng		0.00
Target Compounds							Qvalue
10) Phenol	7.24	94	13600	4.597	ng		92
15) Benzyl Alcohol	8.35	79	5356	2.356	ng	#	57
19) n-Nitroso-di-n-propylamine	9.18	70	39304	18.788	ng	#	74
50) Dimethylphthalate	14.10	163	87279	9.621	ng		96
57) 2,4-Dinitrotoluene	14.65	165	15804	5.611	ng	#	26
67) 4-Bromophenyl-phenylether	16.14	248	20688	5.526	ng	#	1
77) Benzidine	20.00	184	24209	3.900	ng		98

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

Quantitation Report (Not Reviewed)

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ALS Vial : 14 Sample Multiplier: 1

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ClientSampleId :

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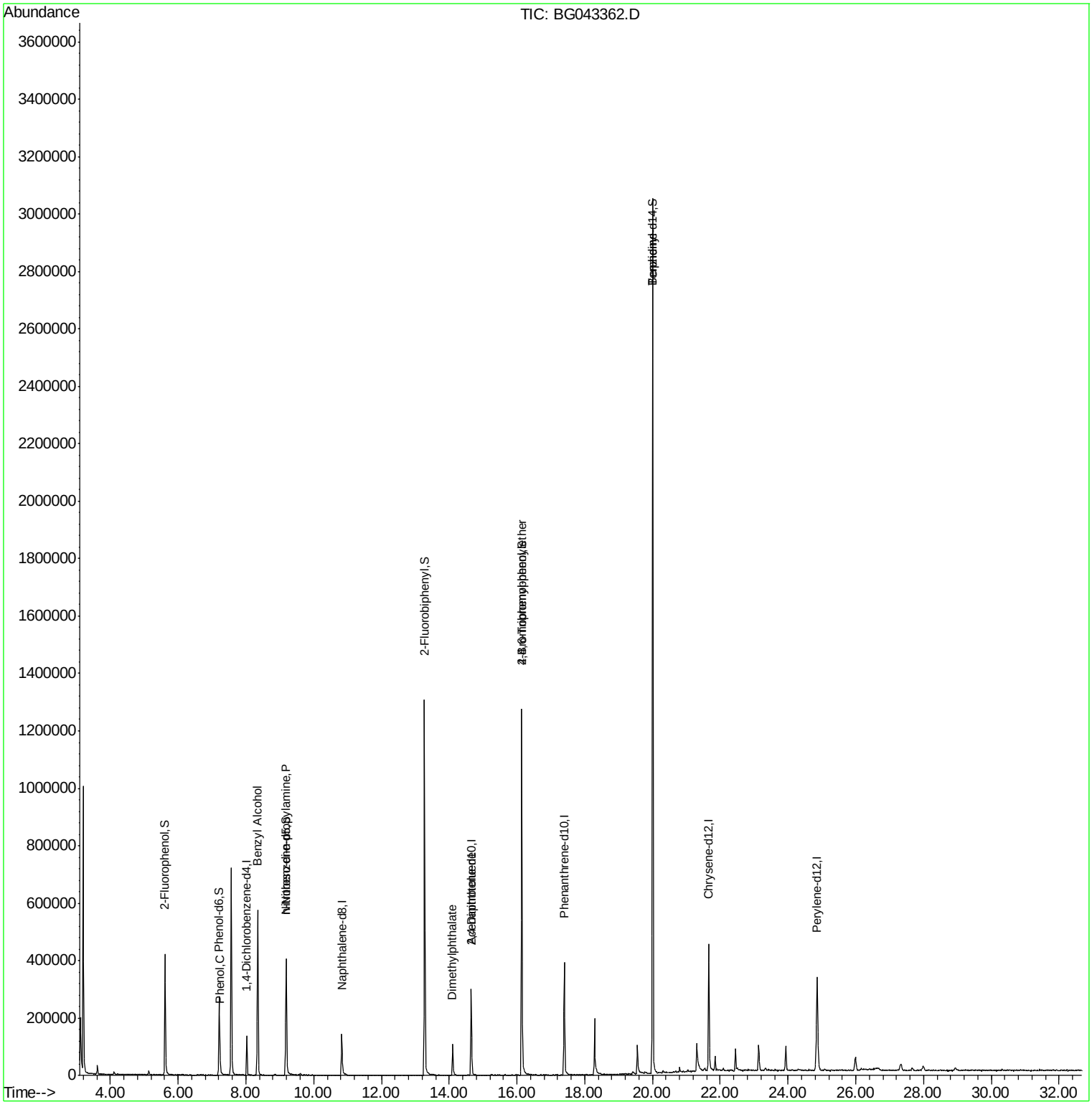
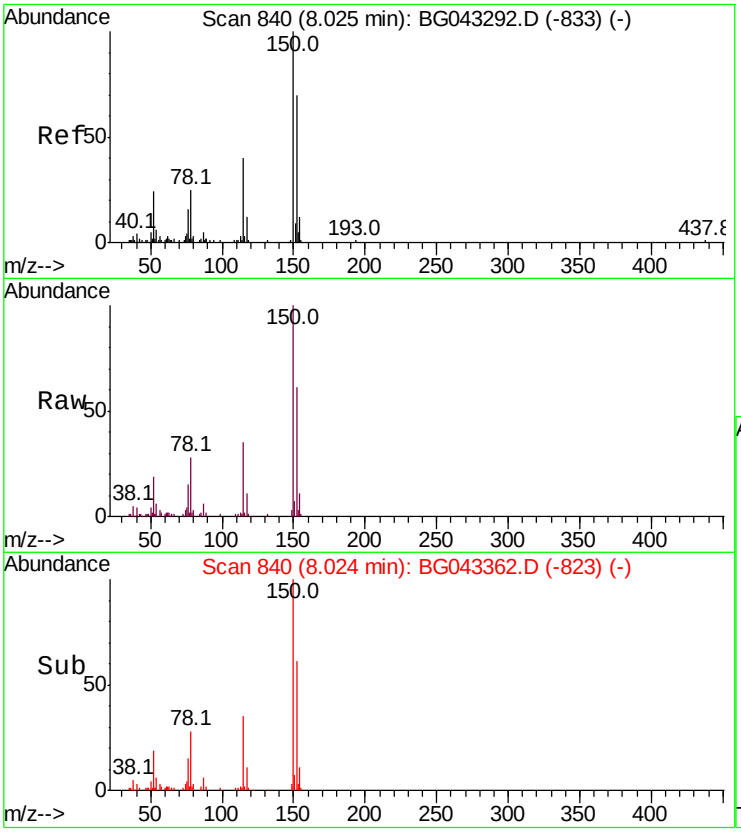
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 21 16:37:43 2019
Response via : Initial Calibration



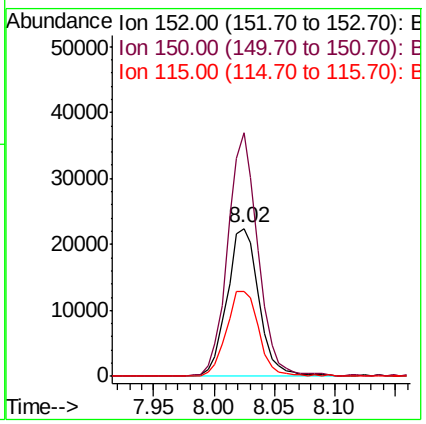


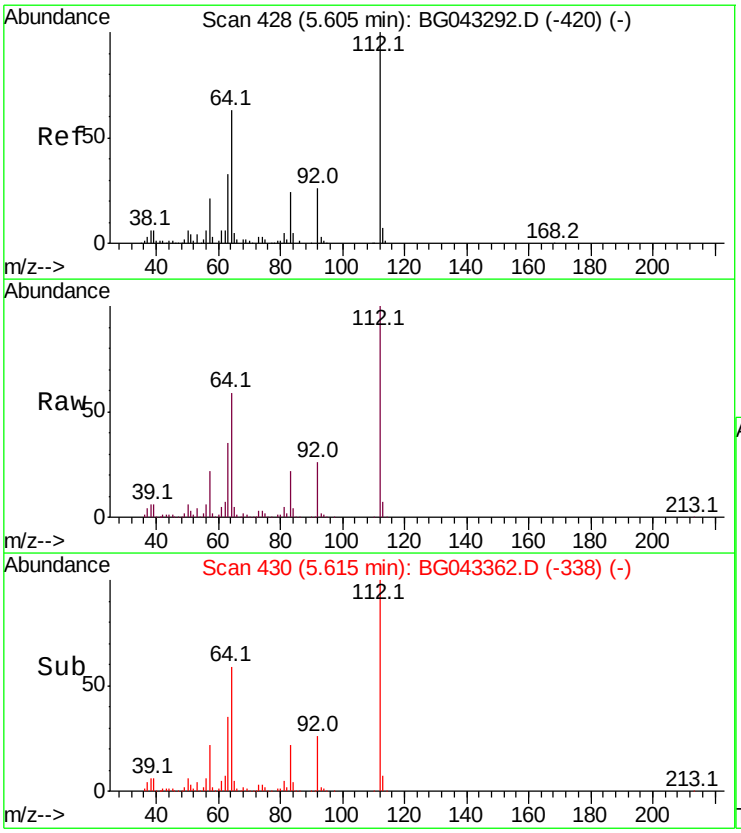
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.00 min
Lab File: BG043362.D
Acq: 28 Oct 2019 22:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 41233

Ion	Ratio	Lower	Upper
152	100		
150	164.6	113.6	170.4
115	57.4	45.9	68.9

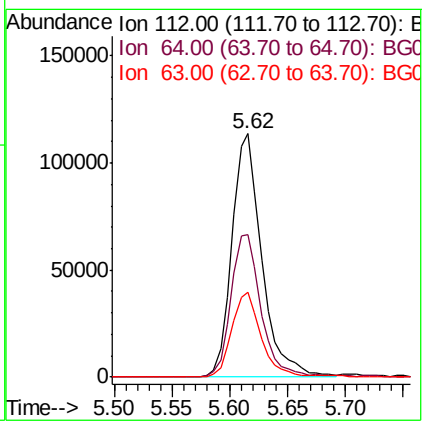


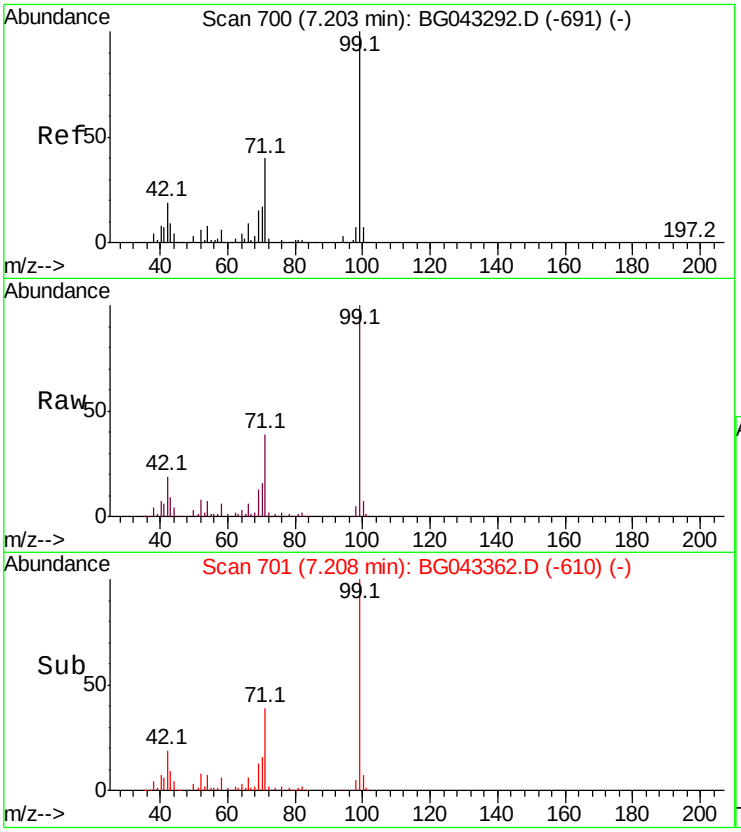


#5
2-Fluorophenol
Concen: 90.649 ng
RT: 5.62 min Scan# 430
Delta R.T. 0.01 min
Lab File: BG043362.D
Acq: 28 Oct 2019 22:47

Tgt Ion:112 Resp: 203974

Ion	Ratio	Lower	Upper
112	100		
64	58.6	50.2	75.2
63	34.7	26.7	40.1



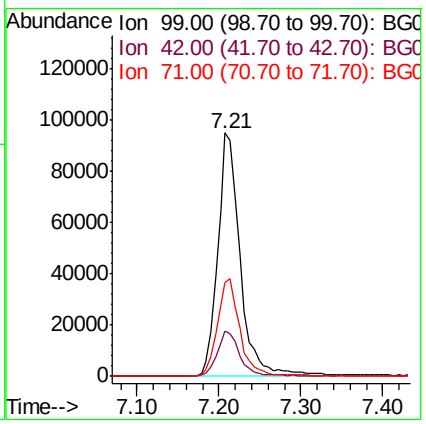


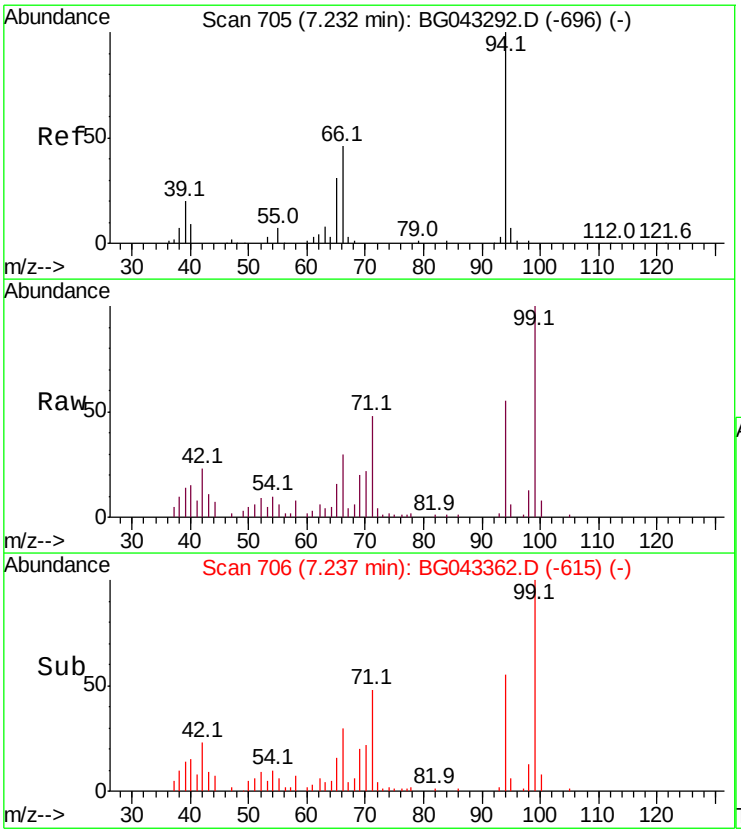
#7
Phenol-d6
Concen: 55.992 ng
RT: 7.21 min Scan# 701
Delta R.T. 0.00 min
Lab File: BG043362.D
Acq: 28 Oct 2019 22:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 181272

Ion	Ratio	Lower	Upper
99	100		
42	18.6	14.9	22.3
71	38.8	32.2	48.2

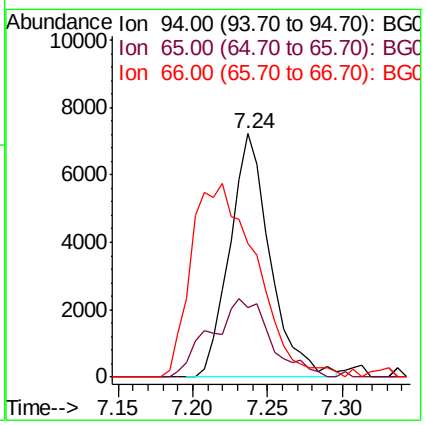


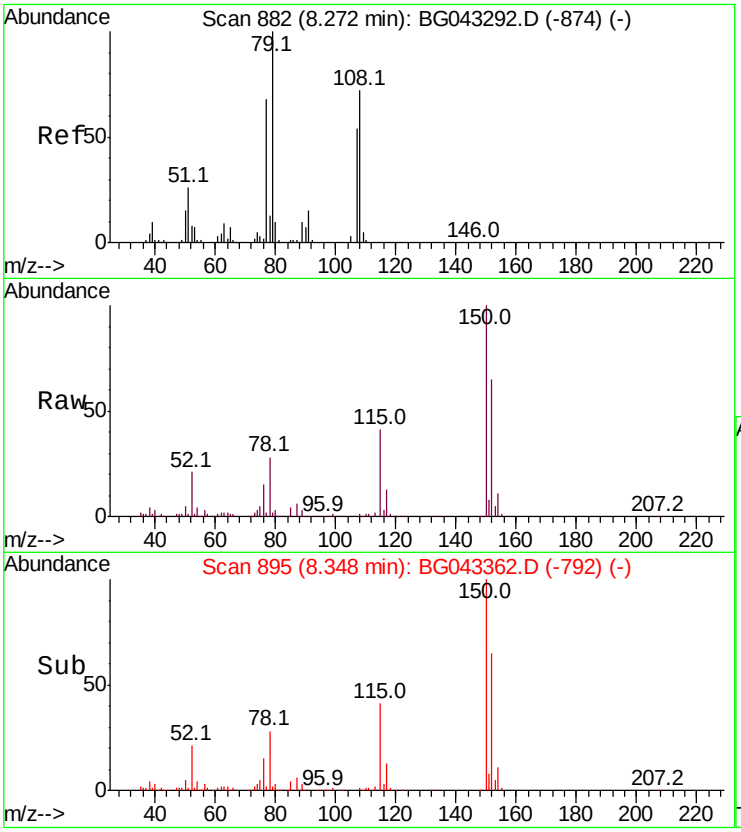


#10
Phenol
Concen: 4.597 ng
RT: 7.24 min Scan# 706
Delta R.T. 0.00 min
Lab File: BG043362.D
Acq: 28 Oct 2019 22:47

Tgt Ion: 94 Resp: 13600

Ion	Ratio	Lower	Upper
94	100		
65	28.7	11.1	51.1
66	54.9	27.8	67.8



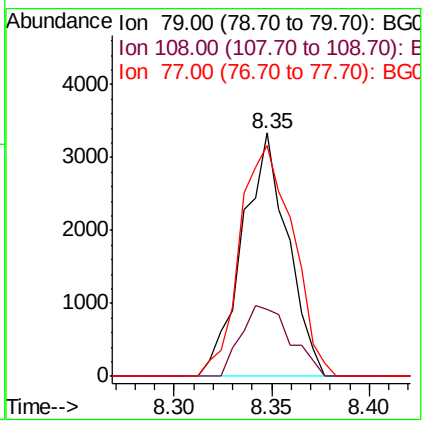


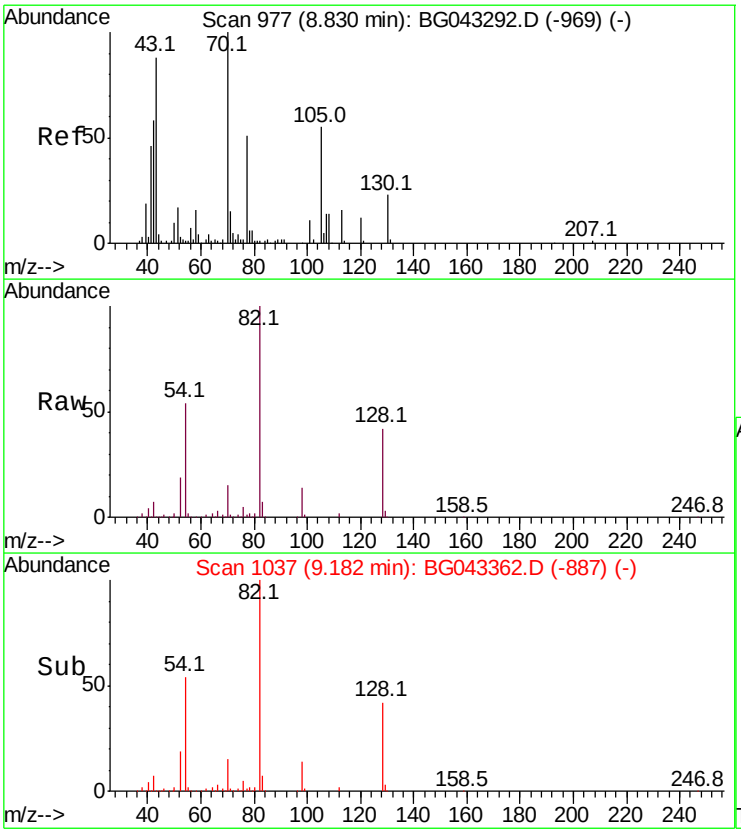
#15
Benzyl Alcohol
Concen: 2.356 ng
RT: 8.35 min Scan# 895
Delta R.T. 0.08 min
Lab File: BG043362.D
Acq: 28 Oct 2019 22:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 79 Resp: 5356

Ion	Ratio	Lower	Upper
79	100		
108	27.4	57.3	85.9#
77	94.5	54.6	81.8#

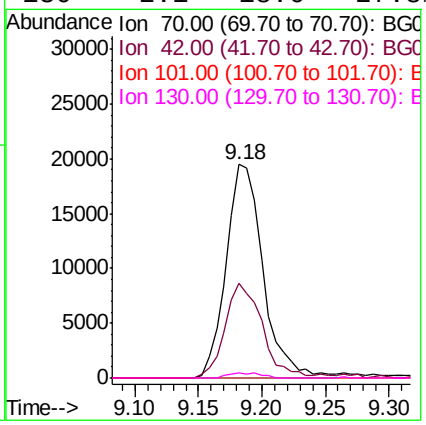


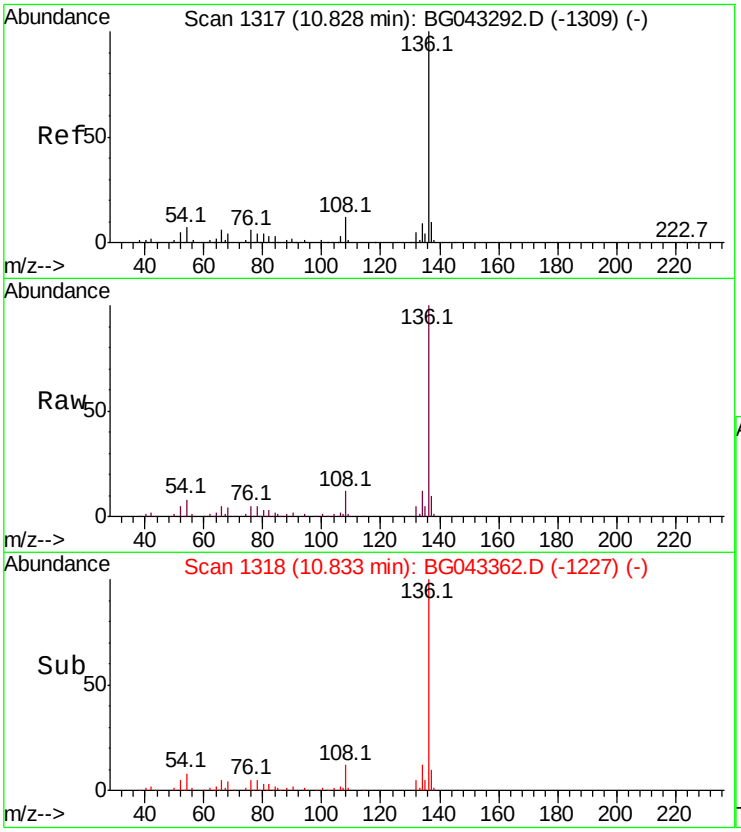


#19
n-Nitroso-di-n-propylamine
Concen: 18.788 ng
RT: 9.18 min Scan# 1037
Delta R.T. 0.35 min
Lab File: BG043362.D
Acq: 28 Oct 2019 22:47

Tgt Ion: 70 Resp: 39304

Ion	Ratio	Lower	Upper
70	100		
42	44.1	46.2	69.2#
101	0.0	8.6	13.0#
130	2.1	18.6	27.8#



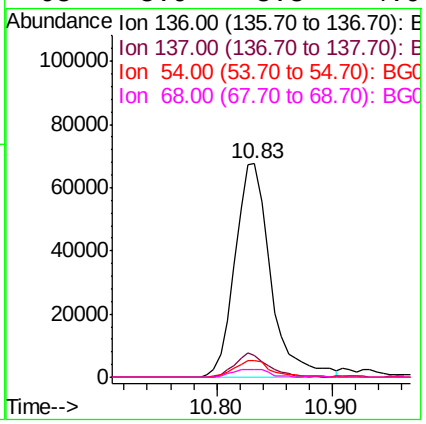


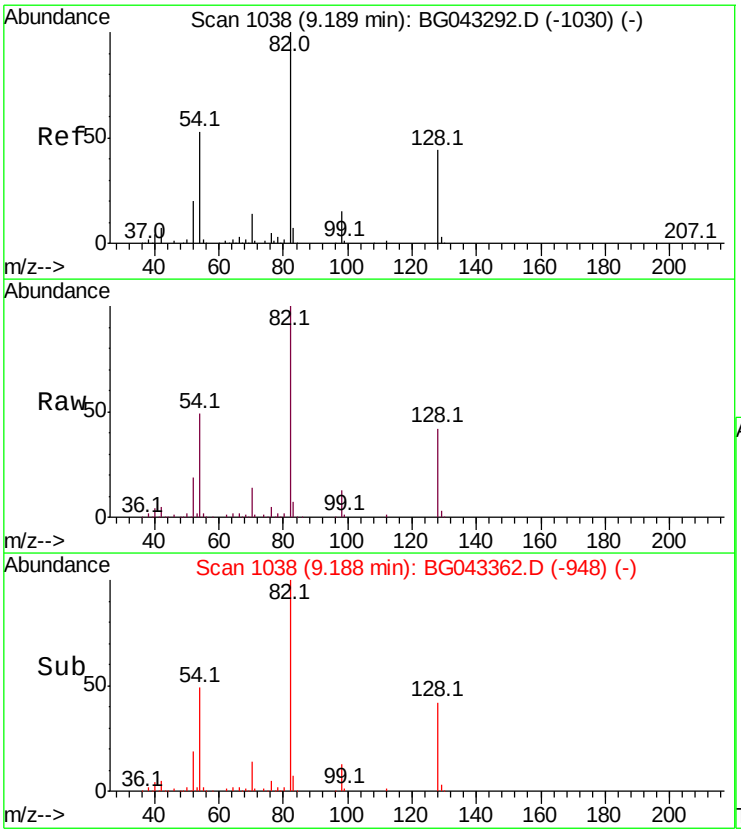
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BG043362.D
Acq: 28 Oct 2019 22:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 144931

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.2	12.2
54	7.5	5.4	8.2
68	3.9	3.3	4.9

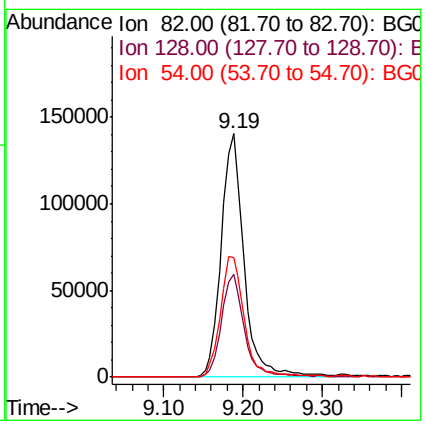


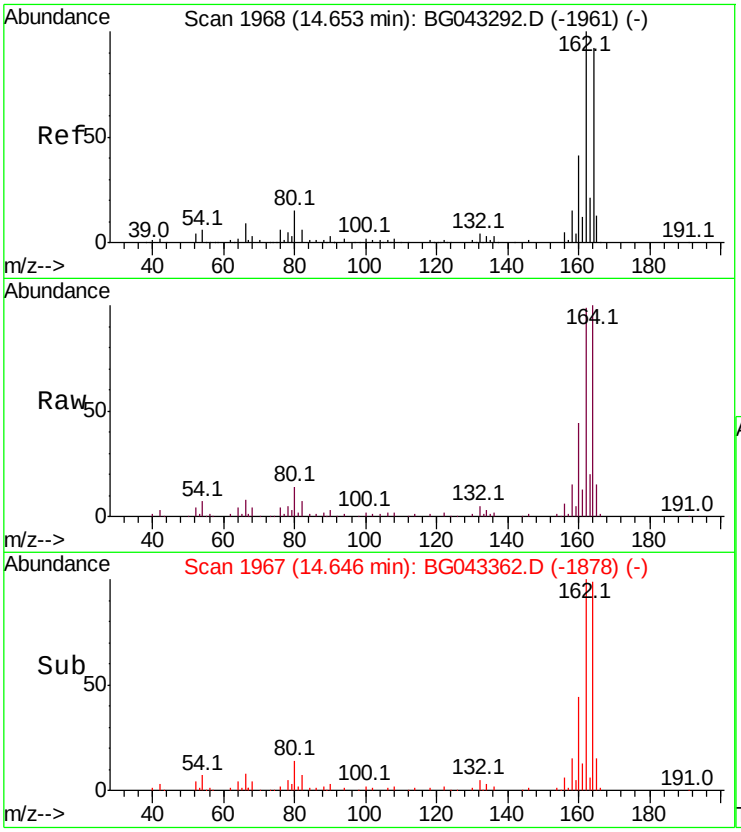


#23
Nitrobenzene-d5
Concen: 100.046 ng
RT: 9.19 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BG043362.D
Acq: 28 Oct 2019 22:47

Tgt Ion: 82 Resp: 281252

Ion	Ratio	Lower	Upper
82	100		
128	42.2	35.3	52.9
54	49.0	42.3	63.5



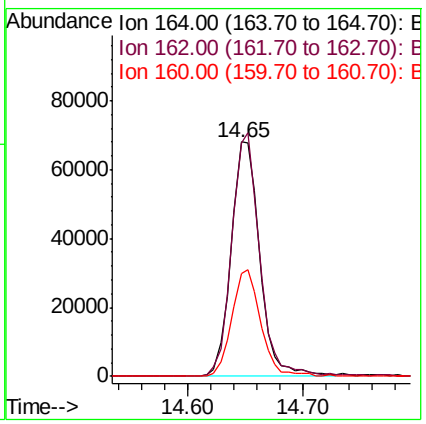


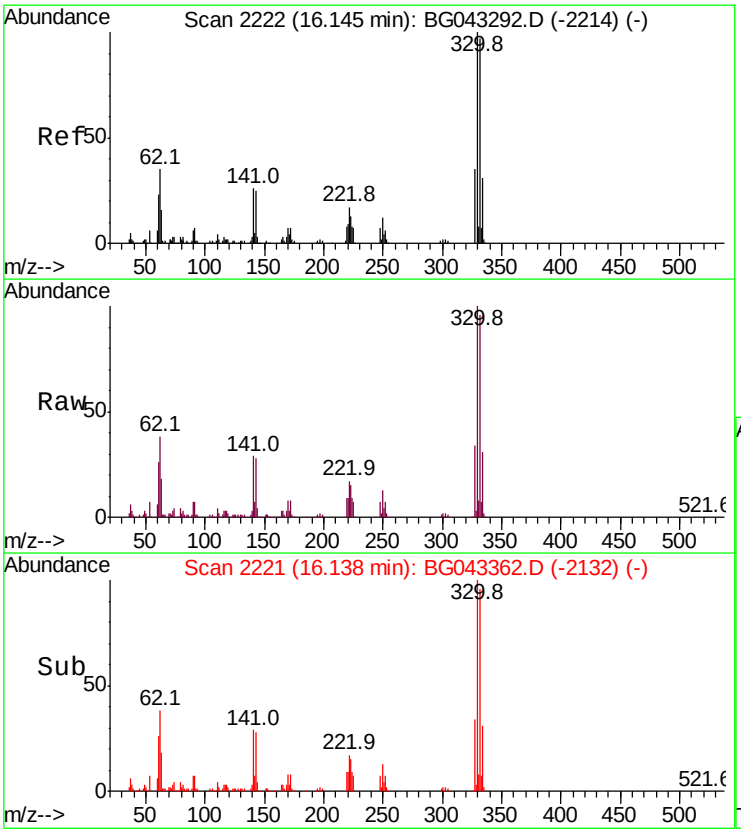
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1967
Delta R.T. -0.01 min
Lab File: BG043362.D
Acq: 28 Oct 2019 22:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 117120

Ion	Ratio	Lower	Upper
164	100		
162	99.3	87.0	130.4
160	43.7	35.5	53.3

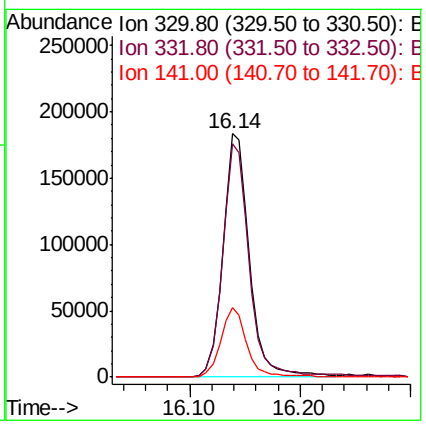


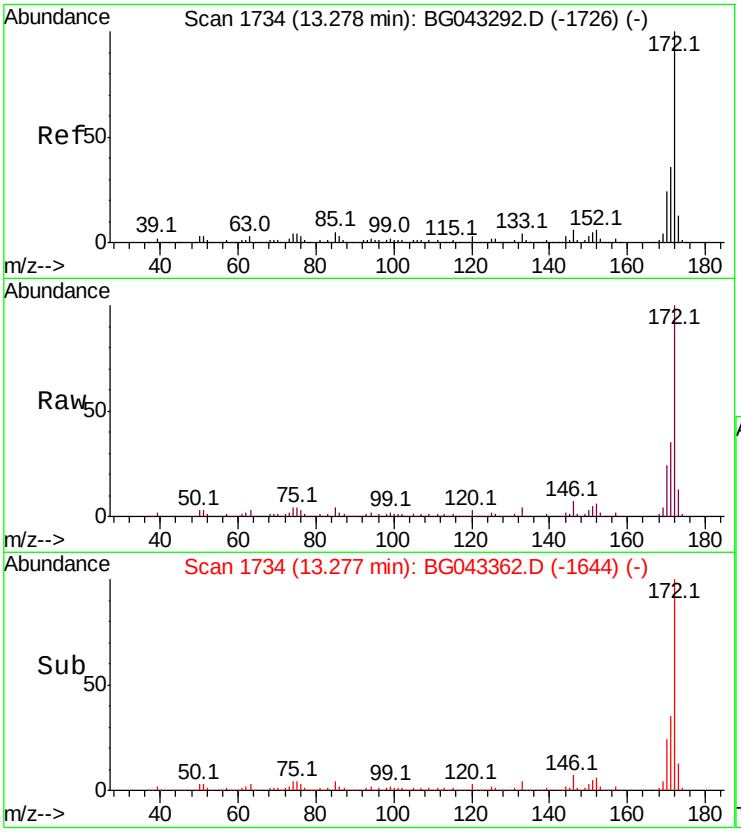


#42
2,4,6-Tribromophenol
Concen: 137.210 ng
RT: 16.14 min Scan# 2221
Delta R.T. -0.01 min
Lab File: BG043362.D
Acq: 28 Oct 2019 22:47

Tgt Ion:330 Resp: 305814

Ion	Ratio	Lower	Upper
330	100		
332	97.7	76.4	114.6
141	28.3	21.4	32.0



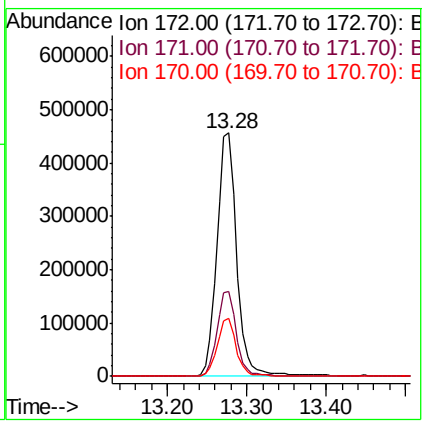


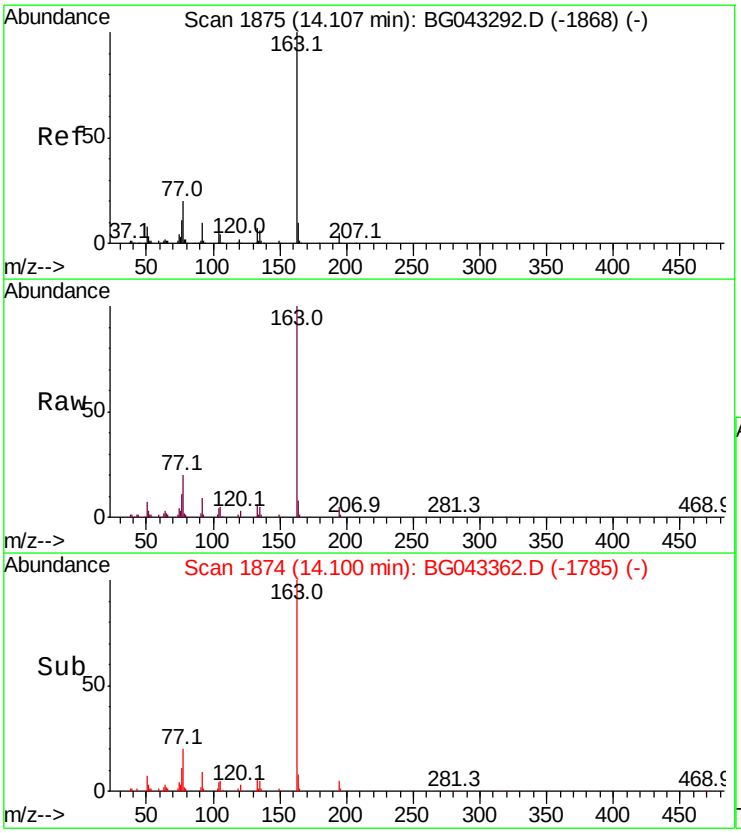
#45
2-Fluorobiphenyl
Concen: 93.274 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.00 min
Lab File: BG043362.D
Acq: 28 Oct 2019 22:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 790583

Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.5	42.7
170	23.8	18.8	28.2

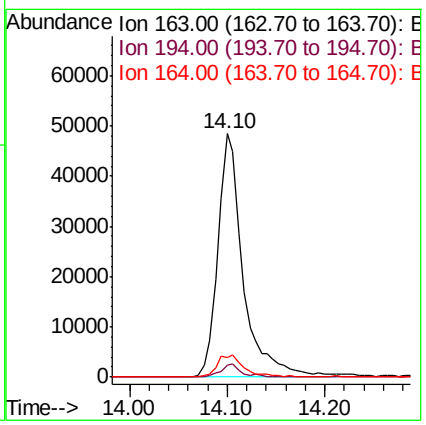


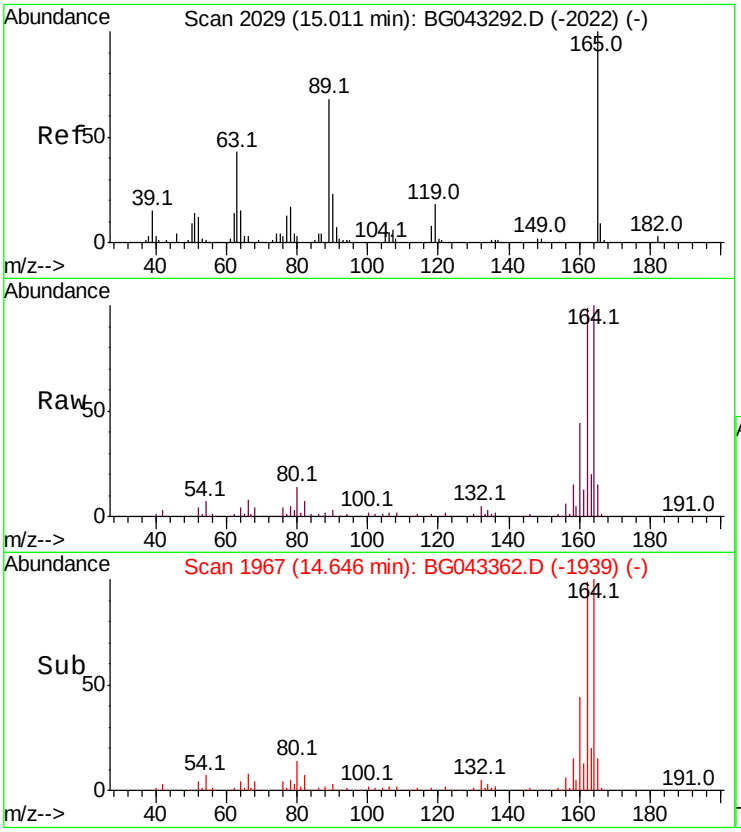


#50
Dimethylphthalate
Concen: 9.621 ng
RT: 14.10 min Scan# 1874
Delta R.T. -0.01 min
Lab File: BG043362.D
Acq: 28 Oct 2019 22:47

Tgt Ion:163 Resp: 87279

Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.7	5.5
164	8.3	8.1	12.1



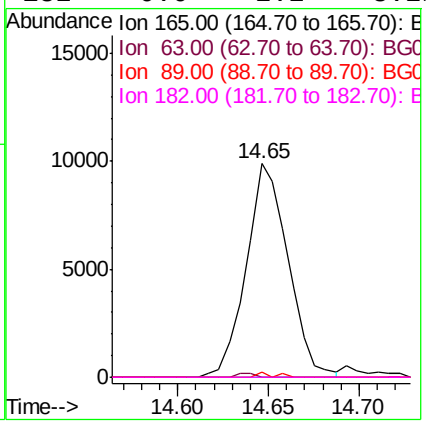


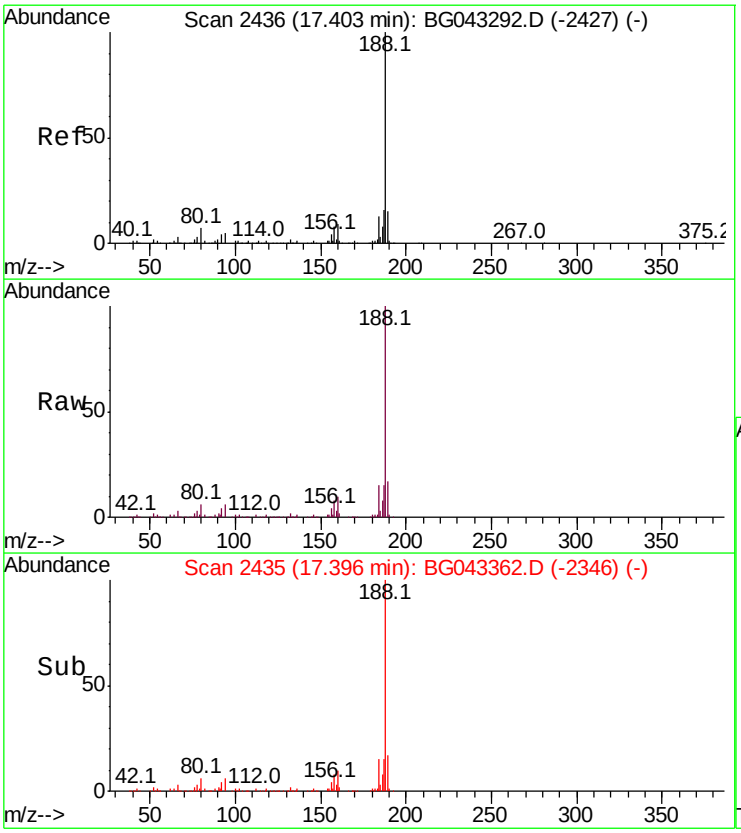
#57
2,4-Dinitrotoluene
Concen: 5.611 ng
RT: 14.65 min Scan# 1967
Delta R.T. -0.37 min
Lab File: BG043362.D
Acq: 28 Oct 2019 22:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 15804

Ion	Ratio	Lower	Upper
165	100		
63	0.0	35.0	52.6#
89	2.1	54.1	81.1#
182	0.0	2.2	3.2#

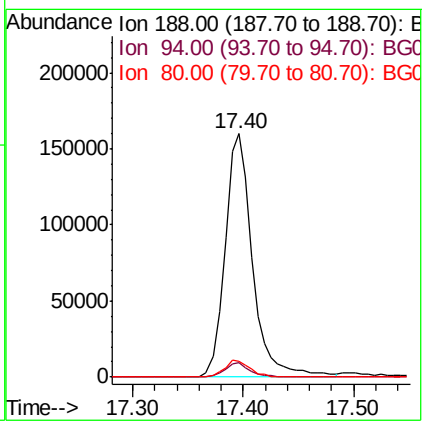


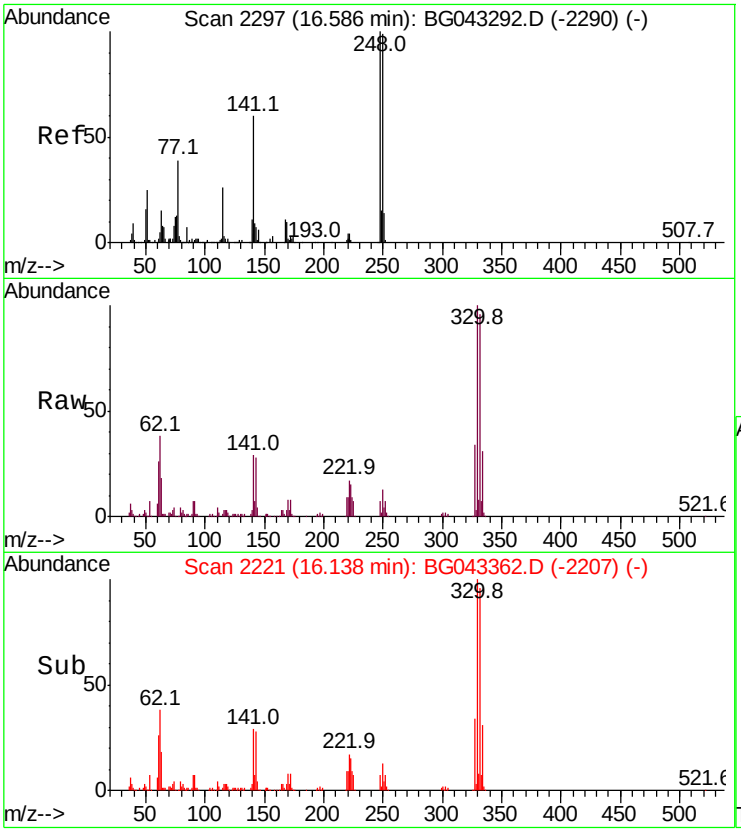


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BG043362.D
Acq: 28 Oct 2019 22:47

Tgt Ion:188 Resp: 278164

Ion	Ratio	Lower	Upper
188	100		
94	5.8	4.2	6.2
80	6.3	5.2	7.8



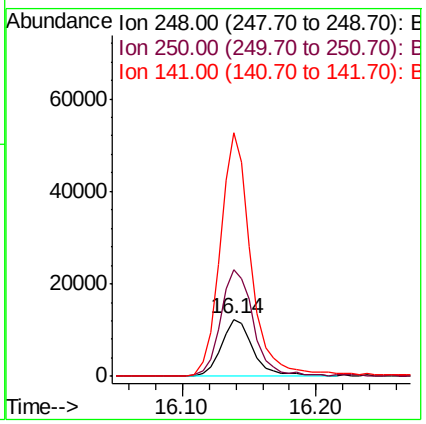


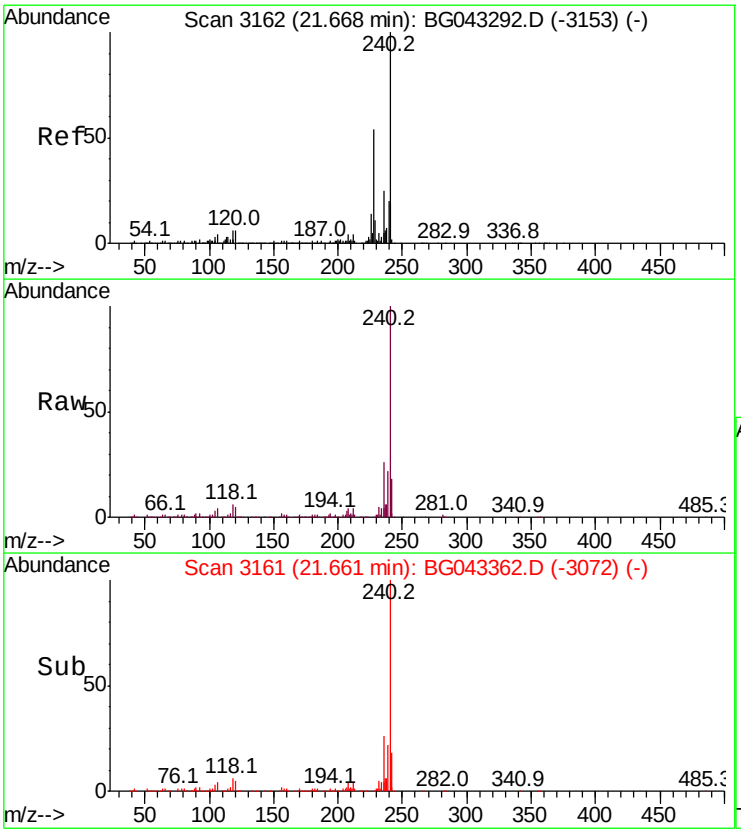
#67
4-Bromophenyl-phenylether
Concen: 5.526 ng
RT: 16.14 min Scan# 2221
Delta R.T. -0.45 min
Lab File: BG043362.D
Acq: 28 Oct 2019 22:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 20688

Ion	Ratio	Lower	Upper
248	100		
250	186.6	79.3	118.9#
141	426.2	47.9	71.9#

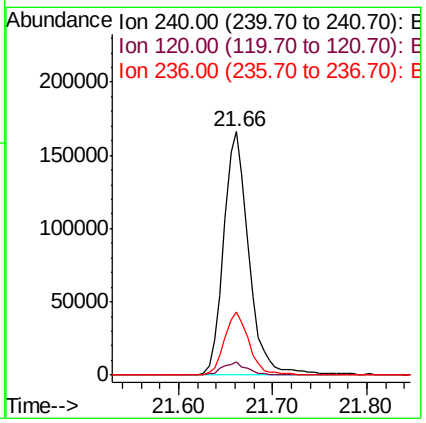


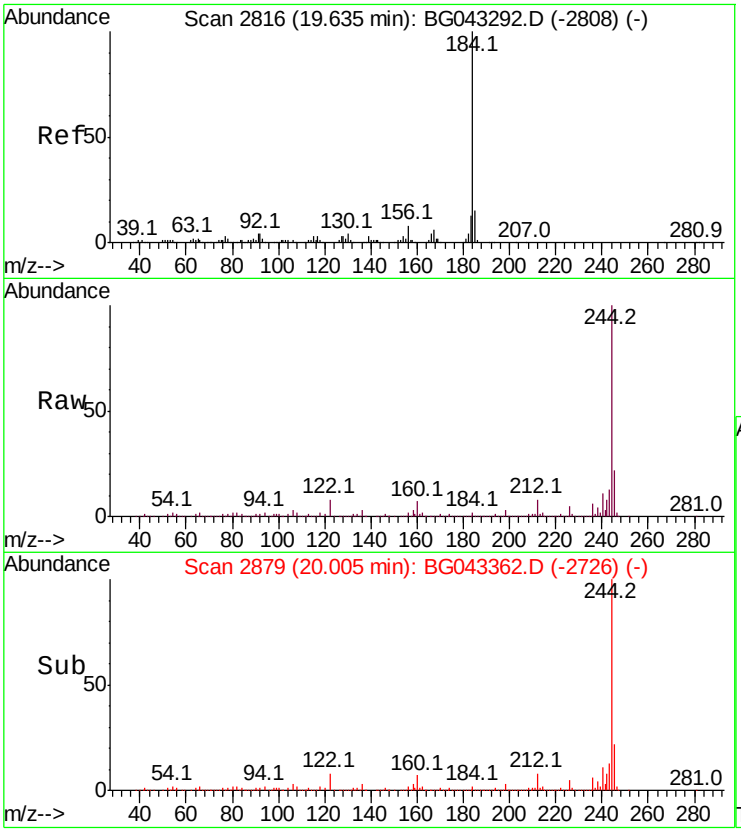


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3161
Delta R.T. -0.01 min
Lab File: BG043362.D
Acq: 28 Oct 2019 22:47

Tgt Ion:240 Resp: 308453

Ion	Ratio	Lower	Upper
240	100		
120	5.3	4.6	7.0
236	25.7	20.2	30.4



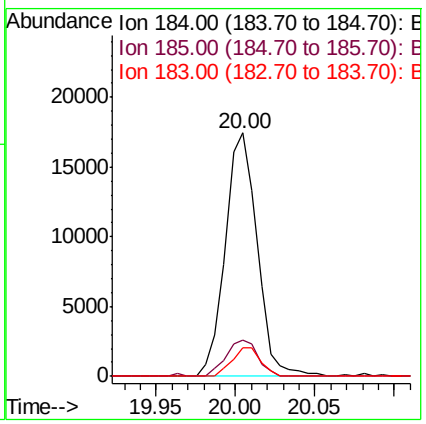


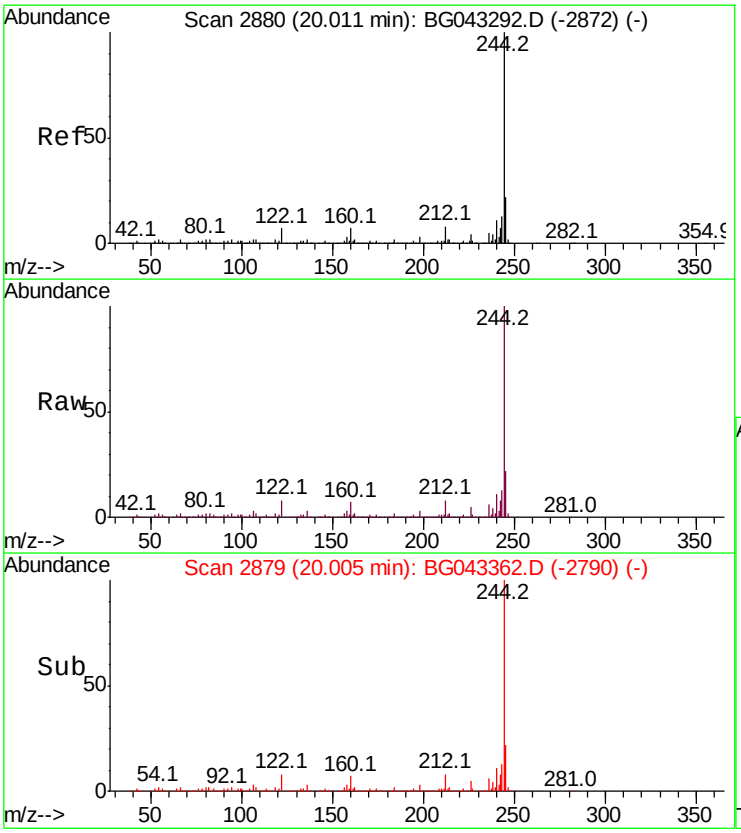
#77
Benzidine
Concen: 3.900 ng
RT: 20.00 min Scan# 2879
Delta R.T. 0.37 min
Lab File: BG043362.D
Acq: 28 Oct 2019 22:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 24209

Ion	Ratio	Lower	Upper
184	100		
185	14.7	11.8	17.6
183	11.9	10.6	16.0

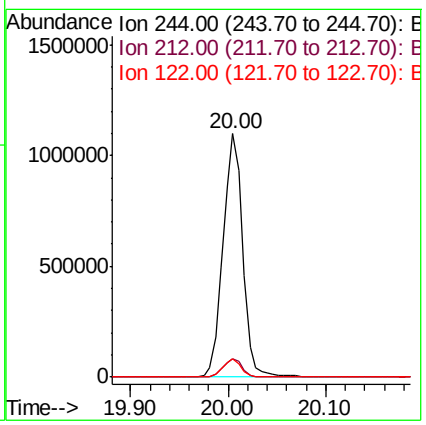


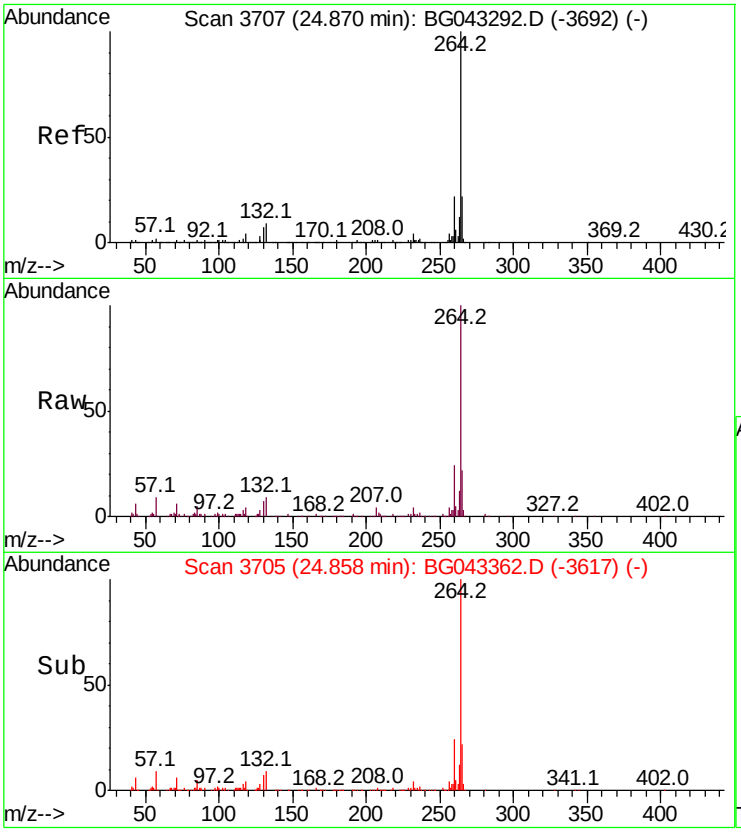


#79
Terphenyl-d14
Concen: 93.450 ng
RT: 20.00 min Scan# 2879
Delta R.T. -0.01 min
Lab File: BG043362.D
Acq: 28 Oct 2019 22:47

Tgt Ion:244 Resp: 1536467

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.4	9.6
122	7.6	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: BG043362.D
Acq: 28 Oct 2019 22:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 355957

Ion	Ratio	Lower	Upper
264	100		
260	24.3	17.9	26.9
265	22.0	17.4	26.2