Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG102319\
Data File : BG043320.D
Acq On : 23 Oct 2019 22:31
Operator : JU
Sample : K5489-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SECONDARY-PILE-SLP

Quant Time: Oct 24 06:53:36 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	34516	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	111437	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	87236	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	236958	20.00	ng	0.00
76) Chrysene-d12	21.66	240	296689	20.00	ng	0.00
87) Perylene-d12	24.86	264	340809	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	260716	138.41	ng	0.00
7) Phenol-d6	7.20	99	345038	127.32	ng	0.00
23) Nitrobenzene-d5	9.19	82	219039	101.33	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	250888	151.13	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	568009	89.97	ng	0.00
79) Terphenyl-d14	20.00	244	1532460	96.90	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.22	88	8282	11.283	ng	# 1
19) n-Nitroso-di-n-propylamine	9.19	70	30078	17.176	ng	# 71
50) Dimethylphthalate	14.10	163	43485	6.436	ng	# 99
51) 2,6-Dinitrotoluene	14.65	165	11233	7.652	ng	# 23
54) 2,4-Dinitrophenol	15.00	184	60	7.342	ng	# 20
57) 2,4-Dinitrotoluene	14.65	165	11233	5.354	ng	# 24
67) 4-Bromophenyl-phenylether	16.14	248	15888	4.982	ng	# 1

(#) = 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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Quant Time: Oct 24 06:53:36 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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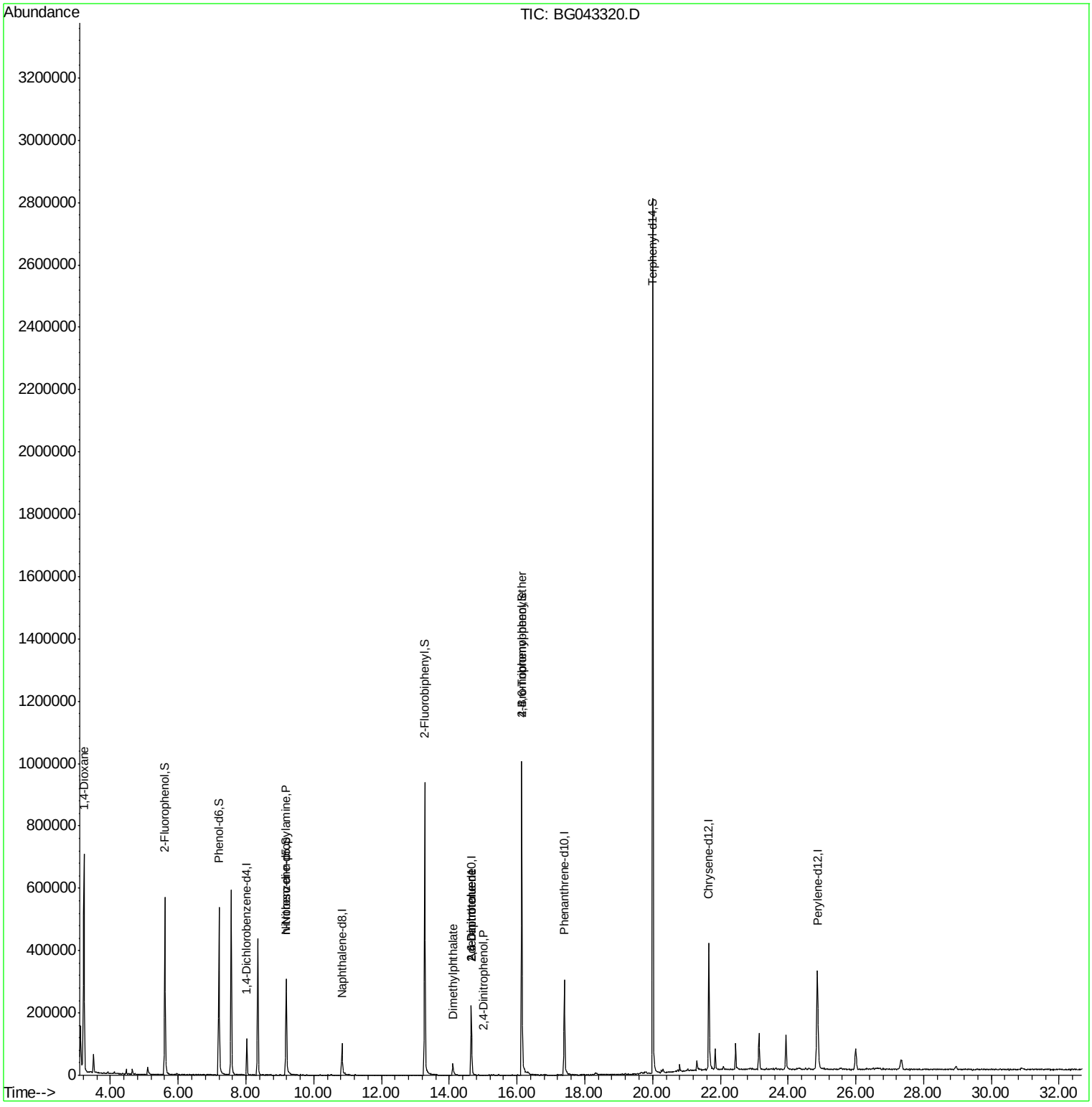
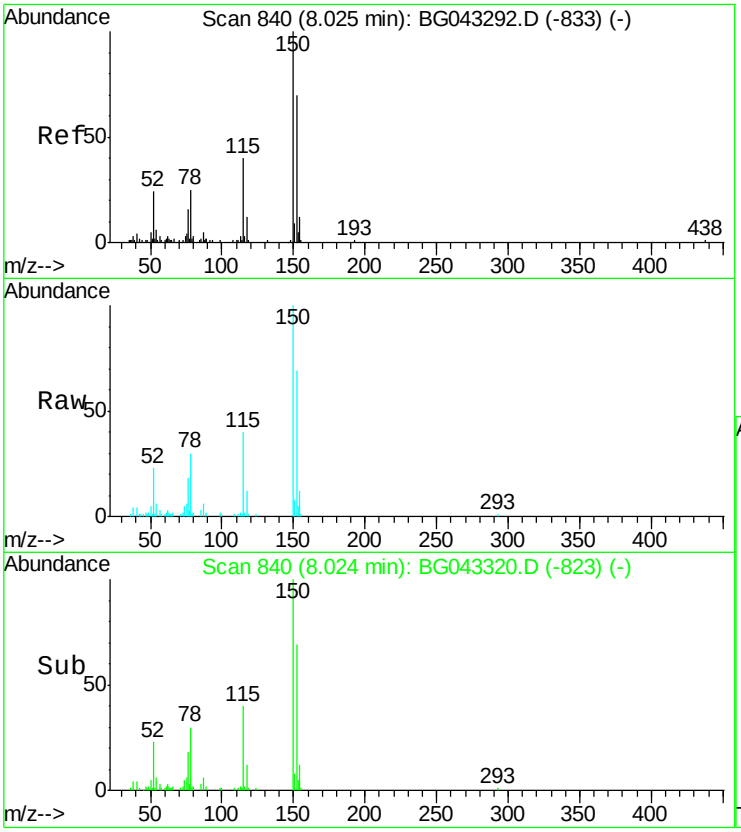
Response via : Initial Calibration



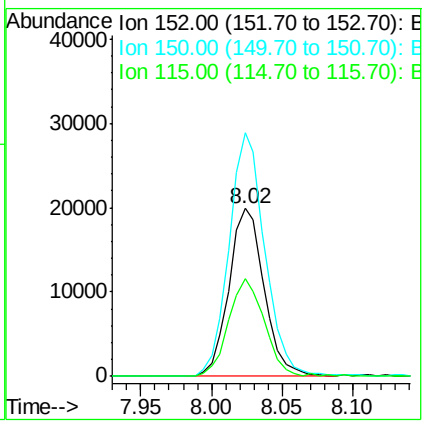


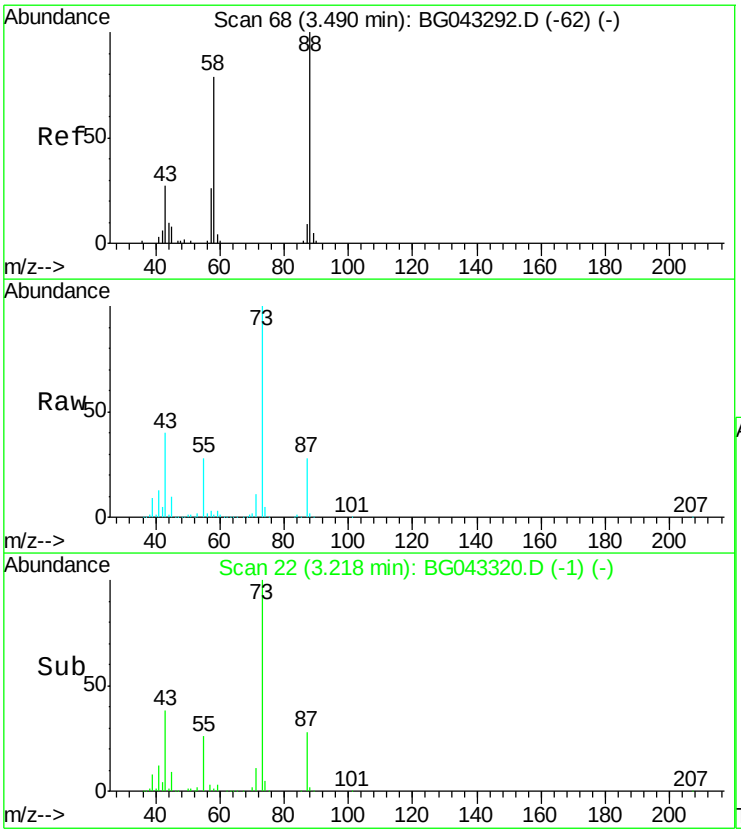
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.00 min
Lab File: BG043320.D
Acq: 23 Oct 2019 22:31

Instrument :
BNA_G
ClientSampleId :
SECONDARY-PILE-SLP

Tgt Ion:152 Resp: 34516

Ion	Ratio	Lower	Upper
152	100		
150	145.3	113.6	170.4
115	58.4	45.9	68.9

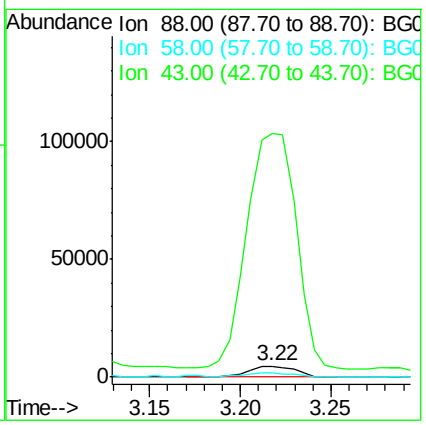


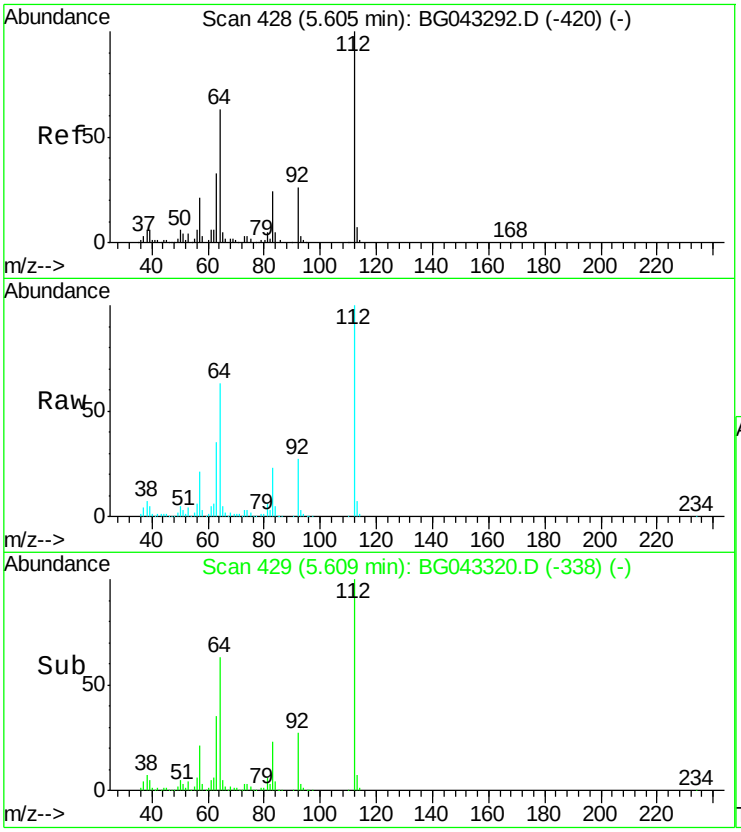


#2
1,4-Dioxane
Concen: 11.283 ng
RT: 3.22 min Scan# 22
Delta R.T. -0.27 min
Lab File: BG043320.D
Acq: 23 Oct 2019 22:31

Tgt Ion: 88 Resp: 8282

Ion	Ratio	Lower	Upper
88	100		
58	37.2	60.2	90.2#
43	2302.3	22.7	34.1#



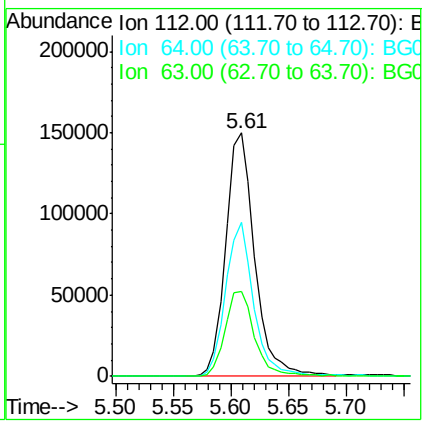


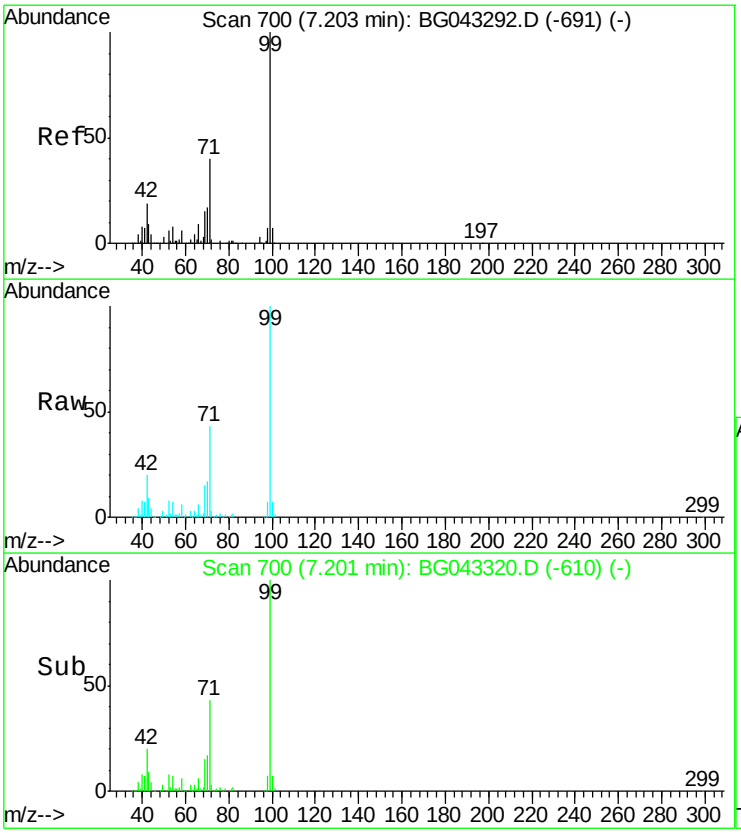
#5
2-Fluorophenol
Concen: 138.414 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.00 min
Lab File: BG043320.D
Acq: 23 Oct 2019 22:31

Instrument :
BNA_G
ClientSampleId :
SECONDARY-PILE-SLP

Tgt Ion:112 Resp: 260716

Ion	Ratio	Lower	Upper
112	100		
64	63.4	50.2	75.2
63	34.8	26.7	40.1

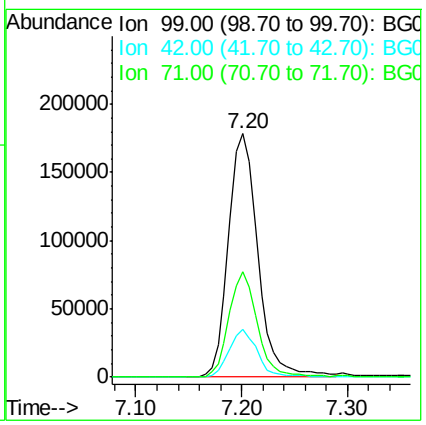


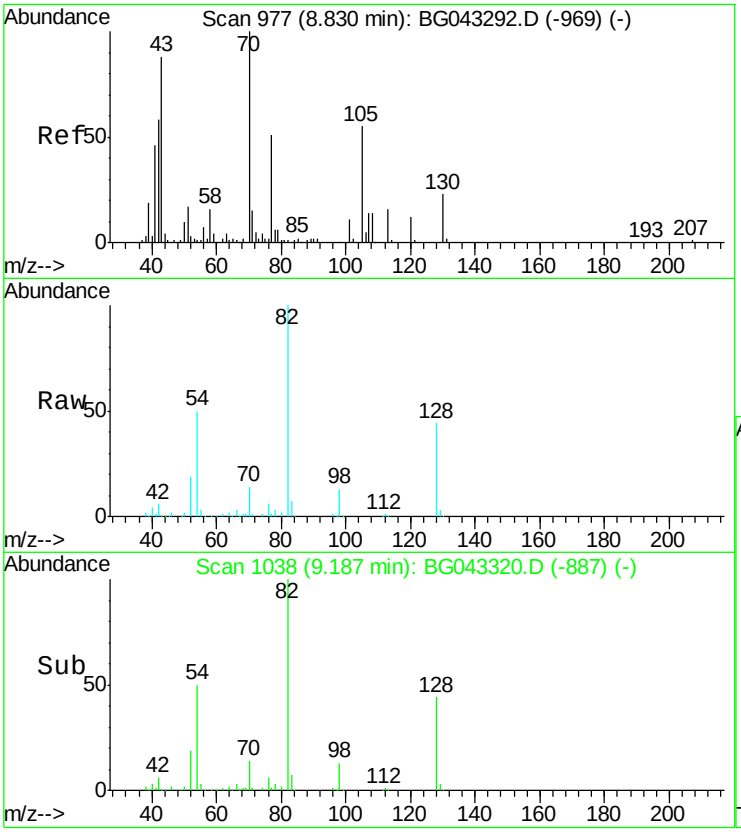


#7
Phenol-d6
Concen: 127.318 ng
RT: 7.20 min Scan# 700
Delta R.T. -0.00 min
Lab File: BG043320.D
Acq: 23 Oct 2019 22:31

Tgt Ion: 99 Resp: 345038

Ion	Ratio	Lower	Upper
99	100		
42	19.6	14.9	22.3
71	43.3	32.2	48.2



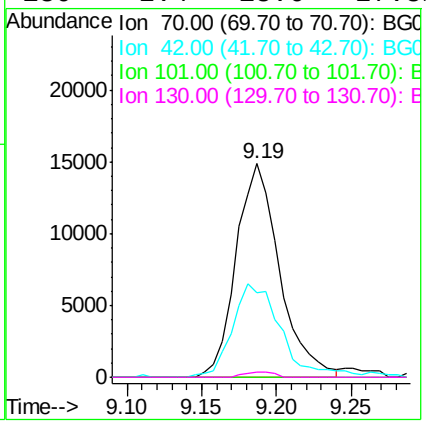


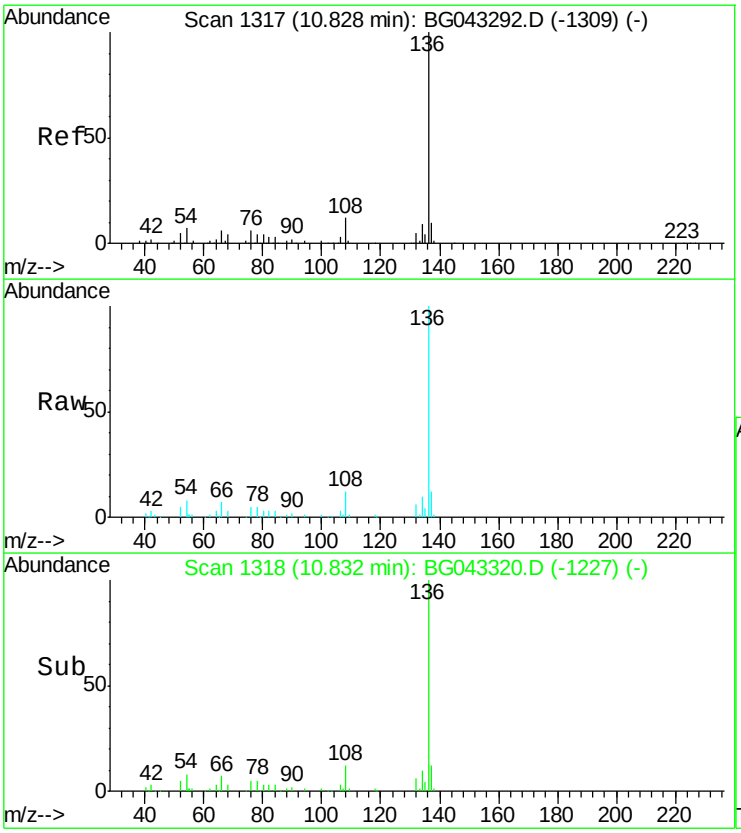
#19
n-Nitroso-di-n-propylamine
Concen: 17.176 ng
RT: 9.19 min Scan# 1038
Delta R.T. 0.36 min
Lab File: BG043320.D
Acq: 23 Oct 2019 22:31

Instrument :
BNA_G
ClientSampleId :
SECONDARY-PILE-SLP

Tgt Ion: 70 Resp: 30078

Ion	Ratio	Lower	Upper
70	100		
42	39.7	46.2	69.2#
101	0.0	8.6	13.0#
130	2.4	18.6	27.8#

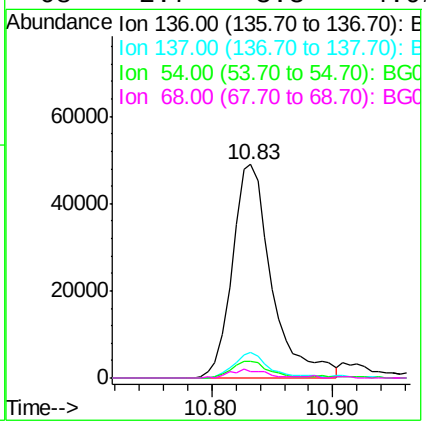


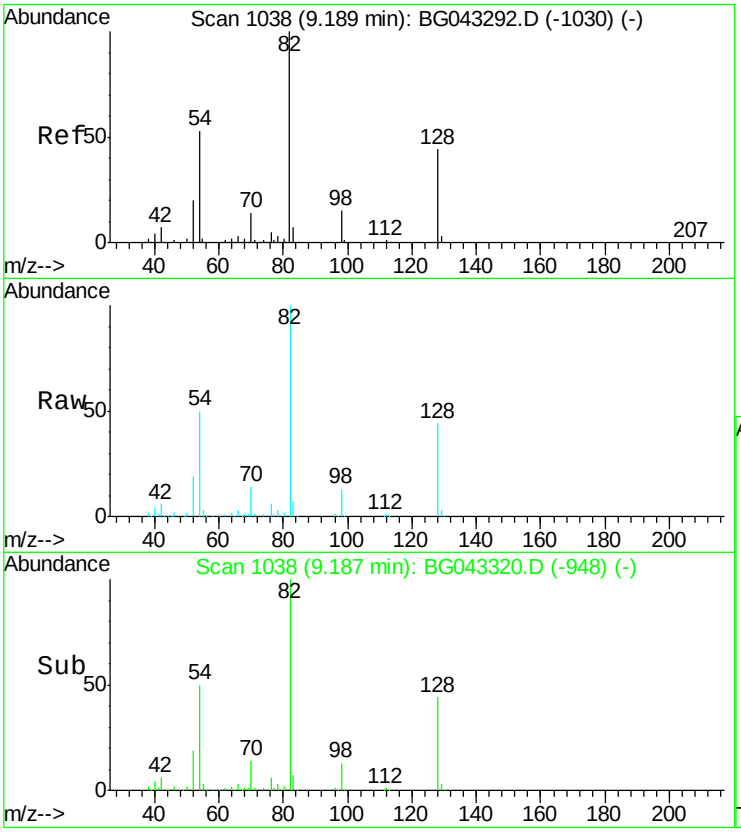


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BG043320.D
Acq: 23 Oct 2019 22:31

Tgt Ion:136 Resp: 111437

Ion	Ratio	Lower	Upper
136	100		
137	12.2	8.2	12.2
54	7.7	5.4	8.2
68	2.7	3.3	4.9#



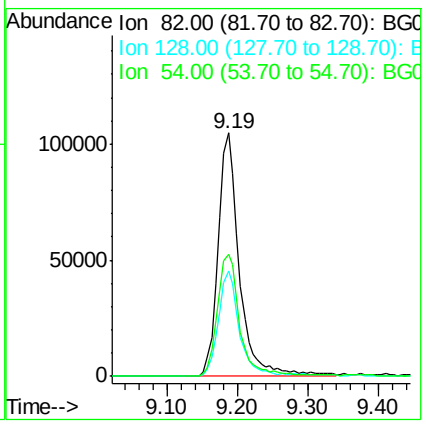


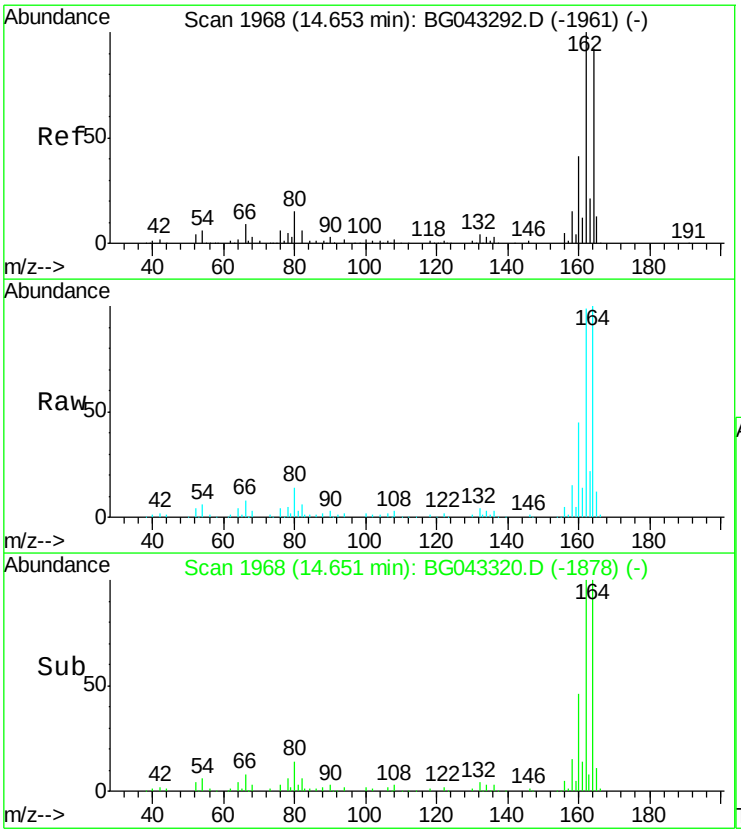
#23
Nitrobenzene-d5
Concen: 101.335 ng
RT: 9.19 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BG043320.D
Acq: 23 Oct 2019 22:31

Instrument :
BNA_G
ClientSampleId :
SECONDARY-PILE-SLP

Tgt Ion: 82 Resp: 219039

Ion	Ratio	Lower	Upper
82	100		
128	43.5	35.3	52.9
54	50.2	42.3	63.5

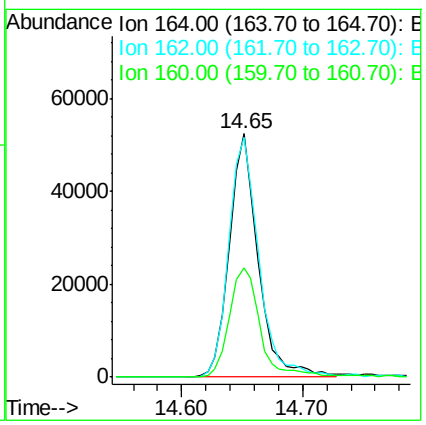


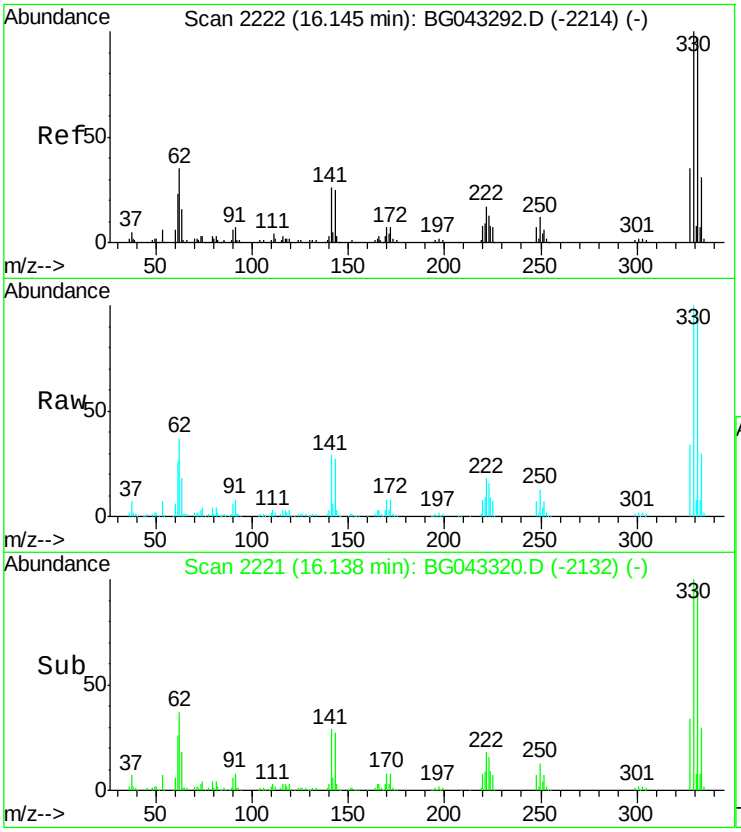


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.00 min
Lab File: BG043320.D
Acq: 23 Oct 2019 22:31

Tgt Ion:164 Resp: 87236

Ion	Ratio	Lower	Upper
164	100		
162	98.6	87.0	130.4
160	45.0	35.5	53.3



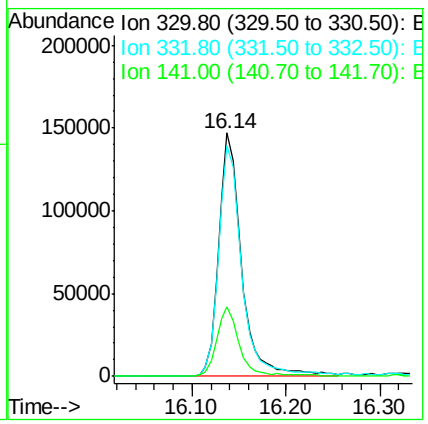


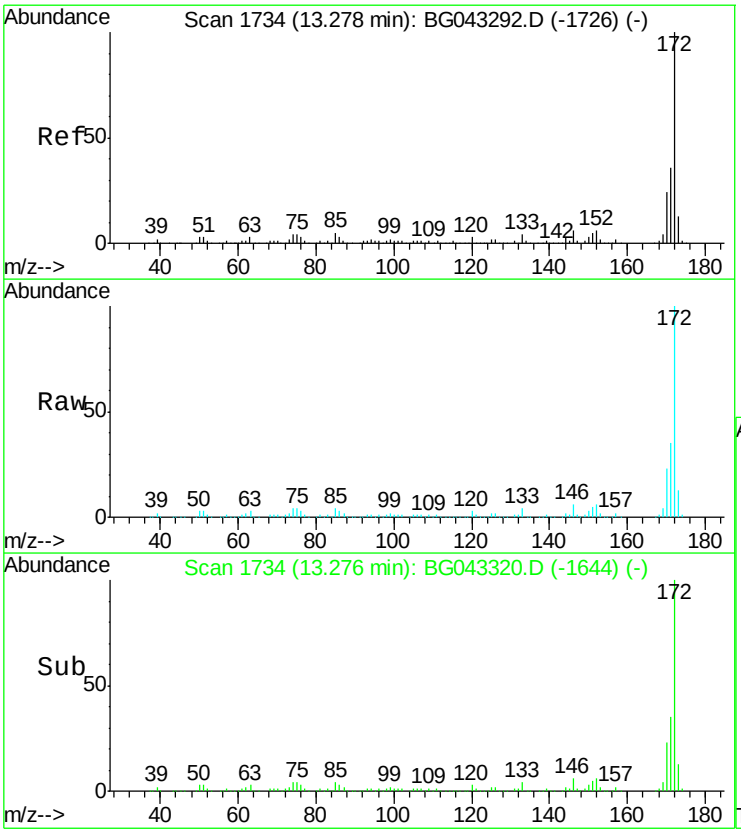
#42
2,4,6-Tribromophenol
Concen: 151.128 ng
RT: 16.14 min Scan# 2221
Delta R.T. -0.01 min
Lab File: BG043320.D
Acq: 23 Oct 2019 22:31

Instrument :
BNA_G
ClientSampleId :
SECONDARY-PILE-SLP

Tgt Ion:330 Resp: 250888

Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.4	114.6
141	28.1	21.4	32.0

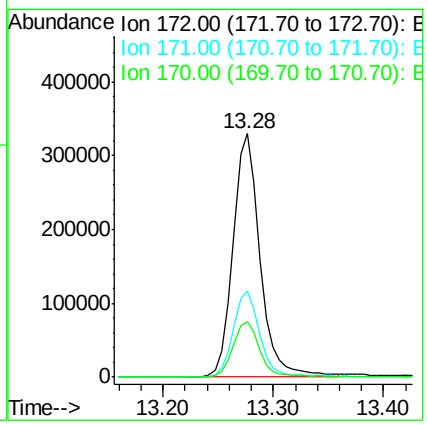


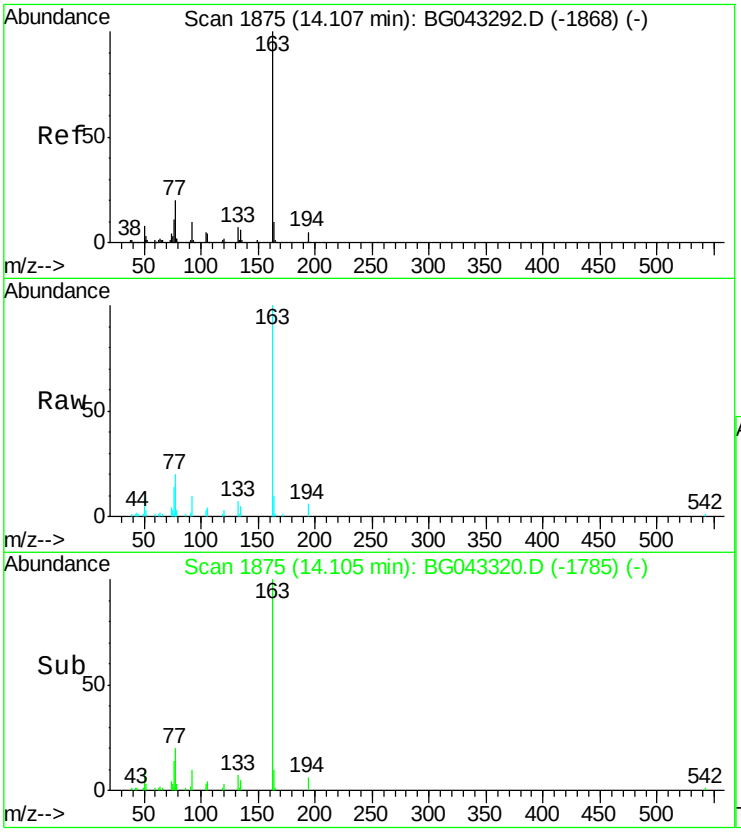


#45
2-Fluorobiphenyl
Concen: 89.972 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.00 min
Lab File: BG043320.D
Acq: 23 Oct 2019 22:31

Tgt Ion:172 Resp: 568009

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.5	42.7
170	22.7	18.8	28.2



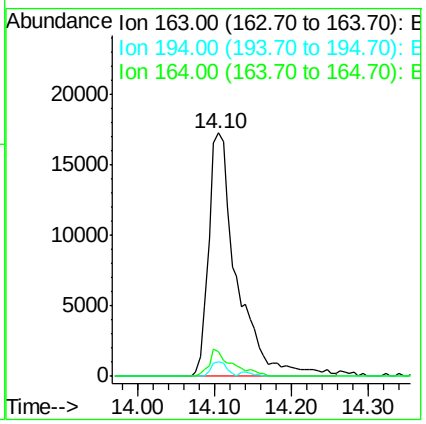


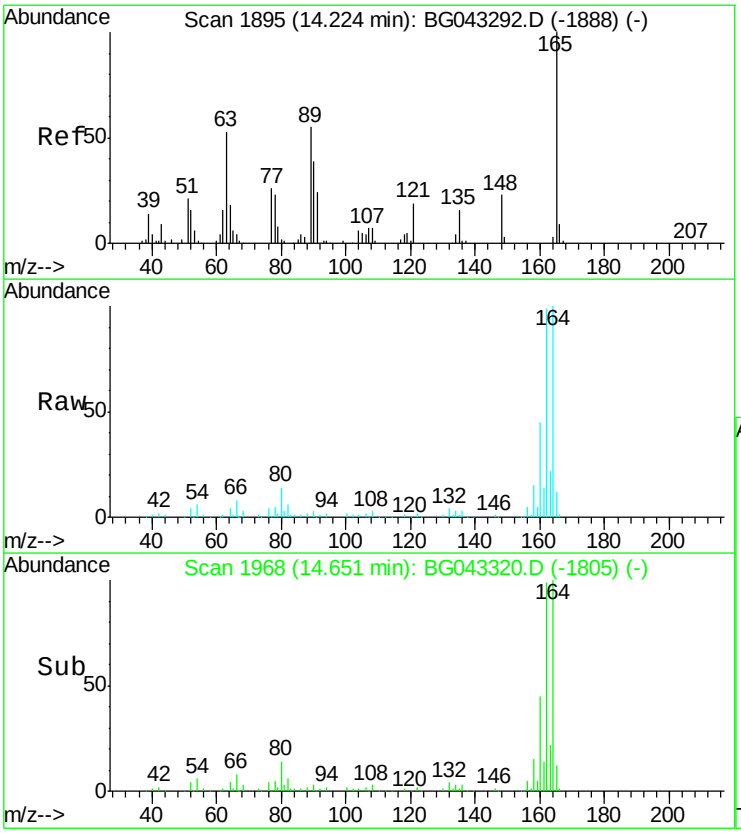
#50
Dimethylphthalate
Concen: 6.436 ng
RT: 14.10 min Scan# 1875
Delta R.T. -0.00 min
Lab File: BG043320.D
Acq: 23 Oct 2019 22:31

Instrument :
BNA_G
ClientSampleId :
SECONDARY-PILE-SLP

Tgt Ion:163 Resp: 43485

Ion	Ratio	Lower	Upper
163	100		
194	5.9	3.7	5.5#
164	10.1	8.1	12.1

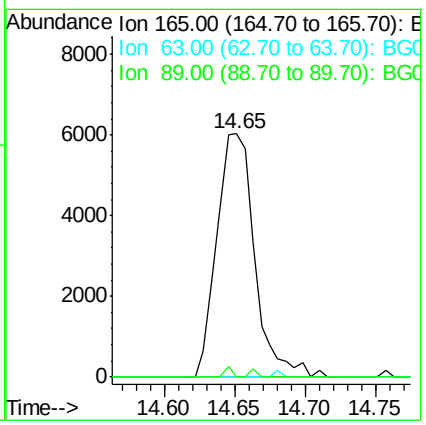


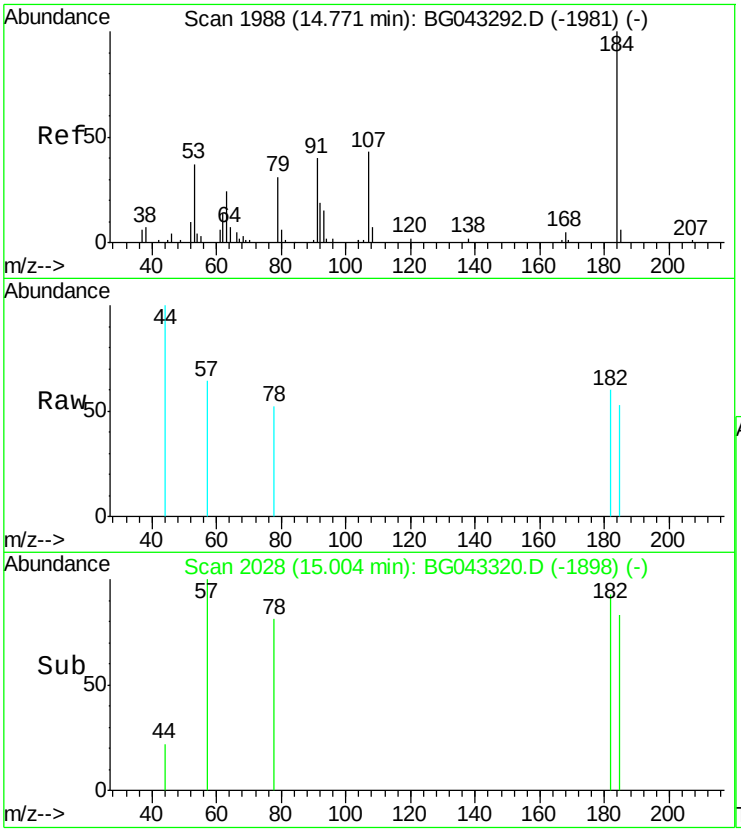


#51
2,6-Dinitrotoluene
Concen: 7.652 ng
RT: 14.65 min Scan# 1968
Delta R.T. 0.43 min
Lab File: BG043320.D
Acq: 23 Oct 2019 22:31

Tgt Ion:165 Resp: 11233

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



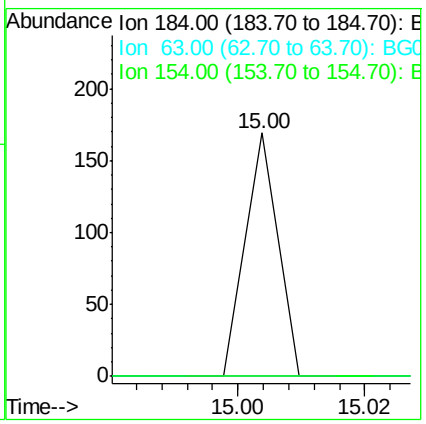


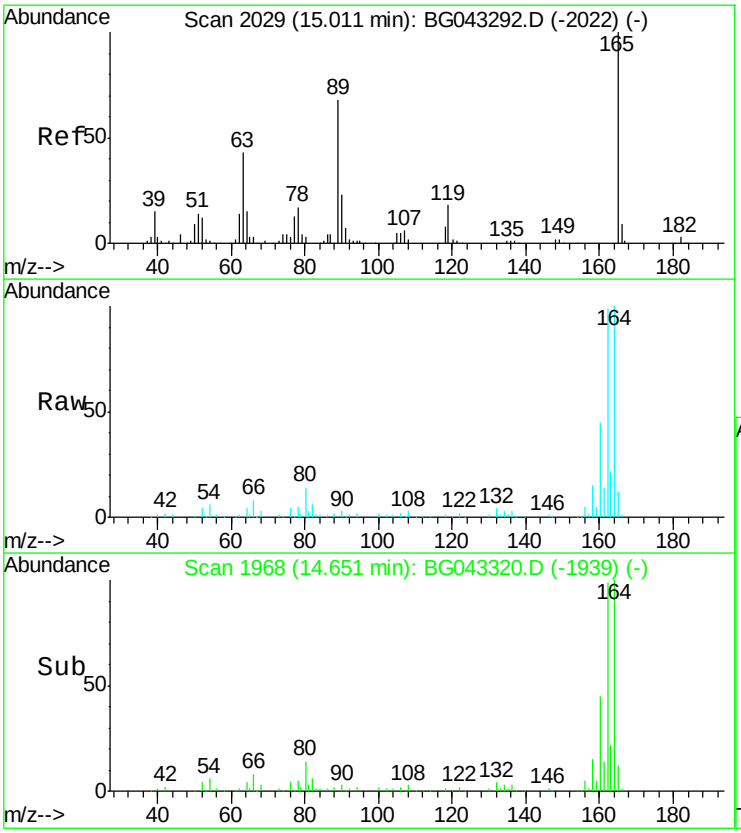
#54
2,4-Dinitrophenol
Concen: 7.342 ng
RT: 15.00 min Scan# 2028
Delta R.T. 0.23 min
Lab File: BG043320.D
Acq: 23 Oct 2019 22:31

Instrument :
BNA_G
ClientSampleId :
SECONDARY-PILE-SLP

Tgt Ion:184 Resp: 60

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

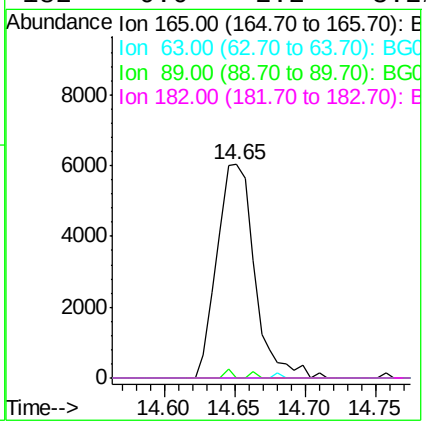


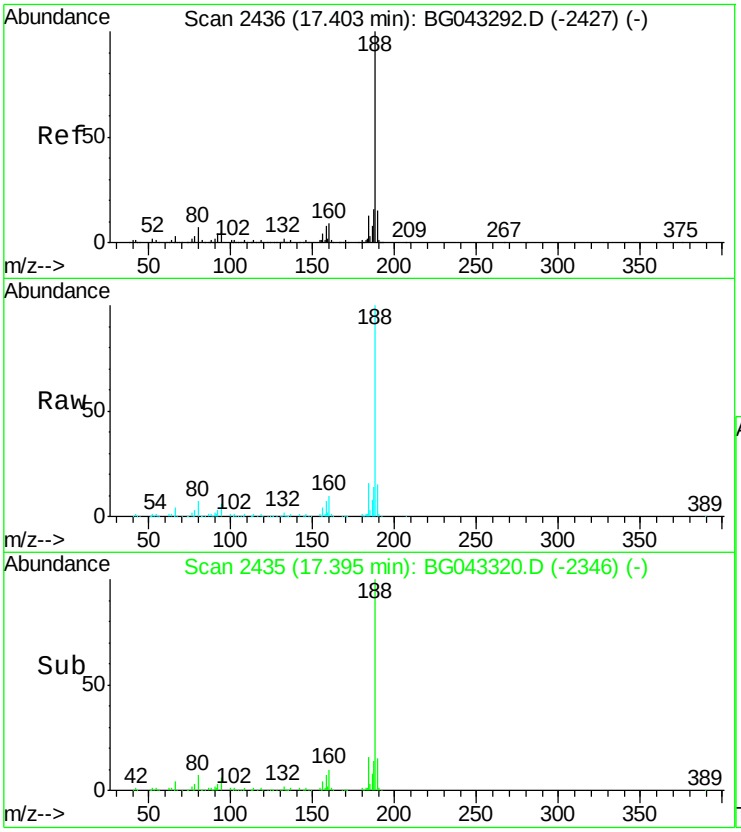


#57
2,4-Dinitrotoluene
Concen: 5.354 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.36 min
Lab File: BG043320.D
Acq: 23 Oct 2019 22:31

Tgt Ion:165 Resp: 11233

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#



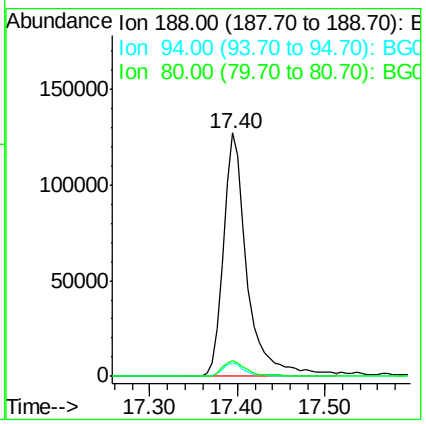


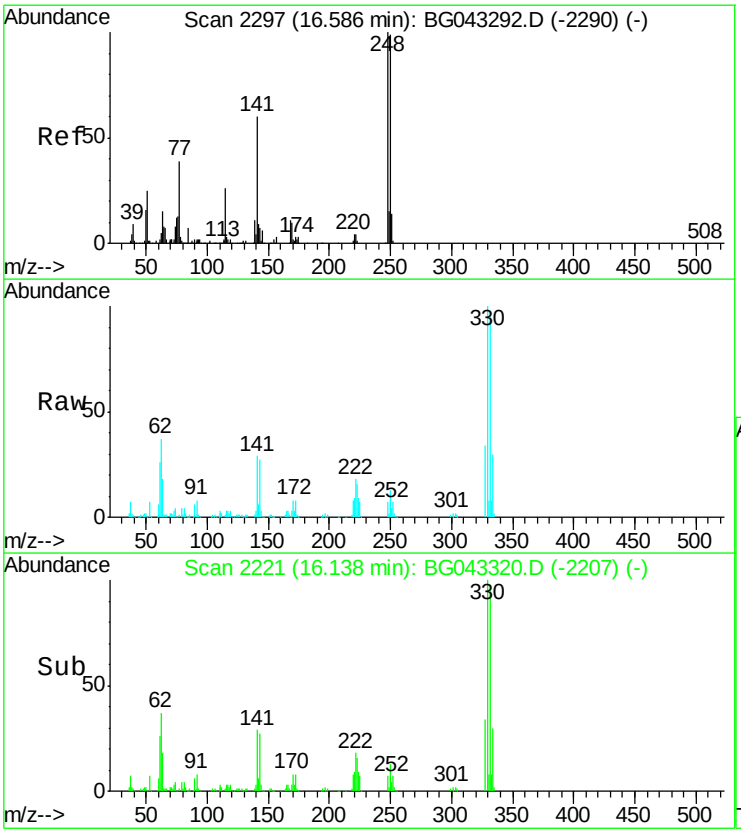
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BG043320.D
Acq: 23 Oct 2019 22:31

Instrument :
BNA_G
ClientSampleId :
SECONDARY-PILE-SLP

Tgt Ion:188 Resp: 236958

Ion	Ratio	Lower	Upper
188	100		
94	5.5	4.2	6.2
80	6.6	5.2	7.8

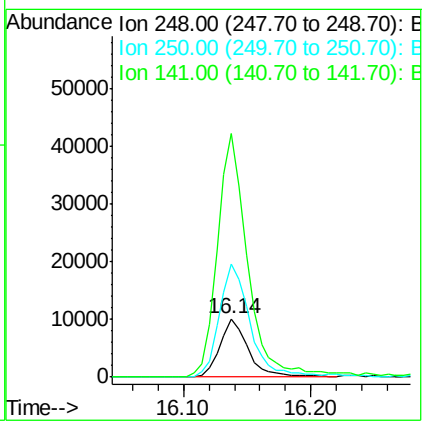


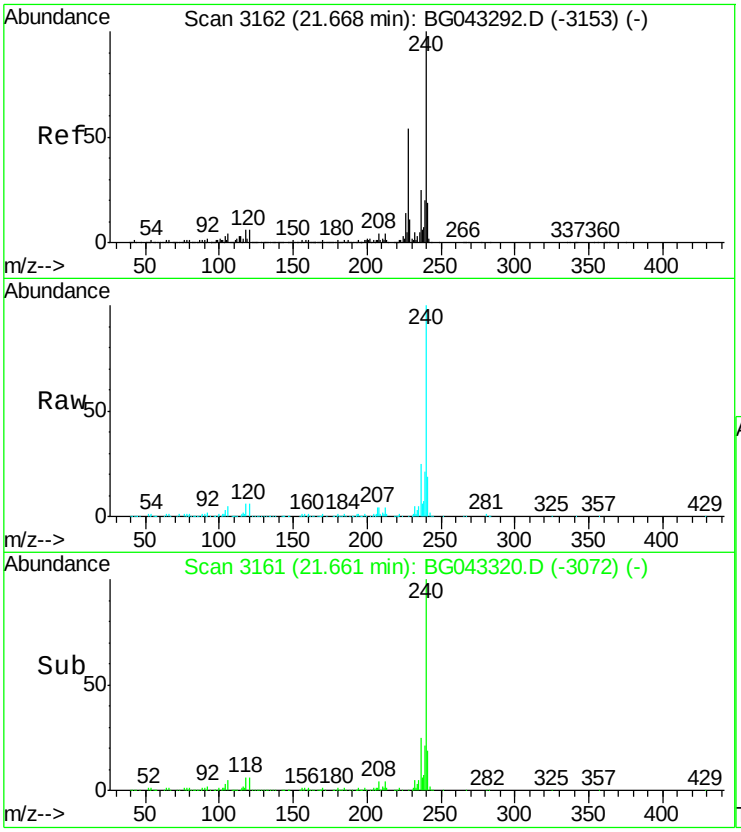


#67
4-Bromophenyl-phenylether
Concen: 4.982 ng
RT: 16.14 min Scan# 2221
Delta R.T. -0.45 min
Lab File: BG043320.D
Acq: 23 Oct 2019 22:31

Tgt Ion:248 Resp: 15888

Ion	Ratio	Lower	Upper
248	100		
250	193.9	79.3	118.9#
141	417.9	47.9	71.9#



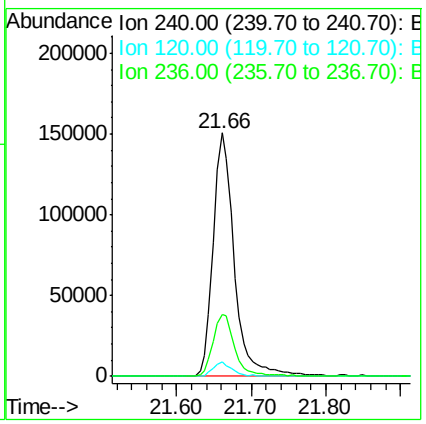


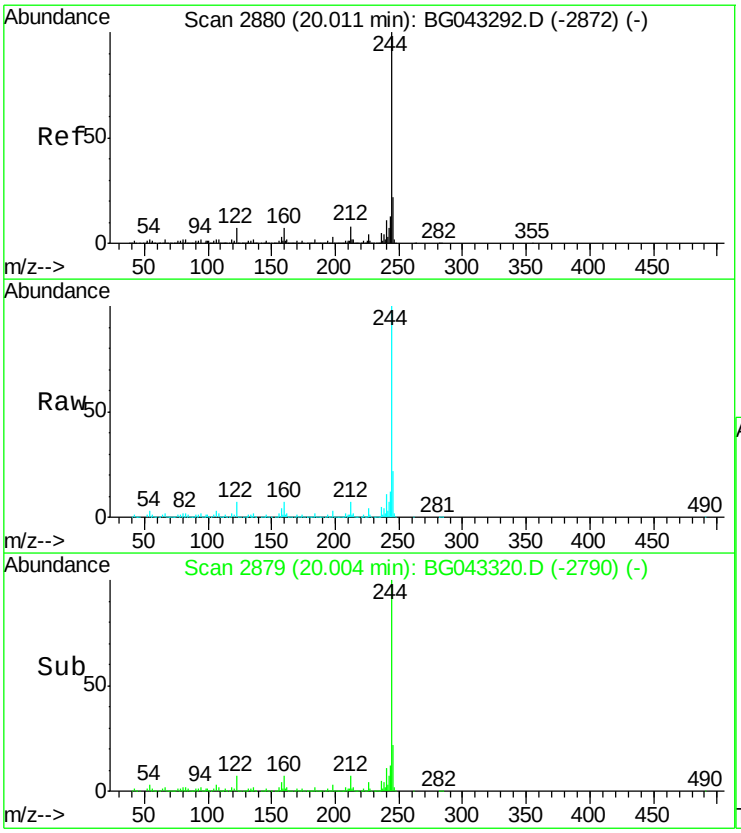
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3161
Delta R.T. -0.01 min
Lab File: BG043320.D
Acq: 23 Oct 2019 22:31

Instrument :
BNA_G
ClientSampleId :
SECONDARY-PILE-SLP

Tgt Ion:240 Resp: 296689

Ion	Ratio	Lower	Upper
240	100		
120	5.8	4.6	7.0
236	25.5	20.2	30.4

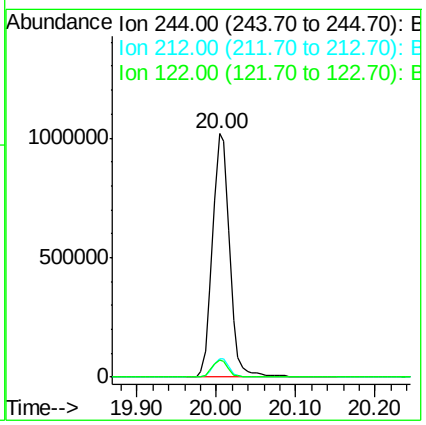


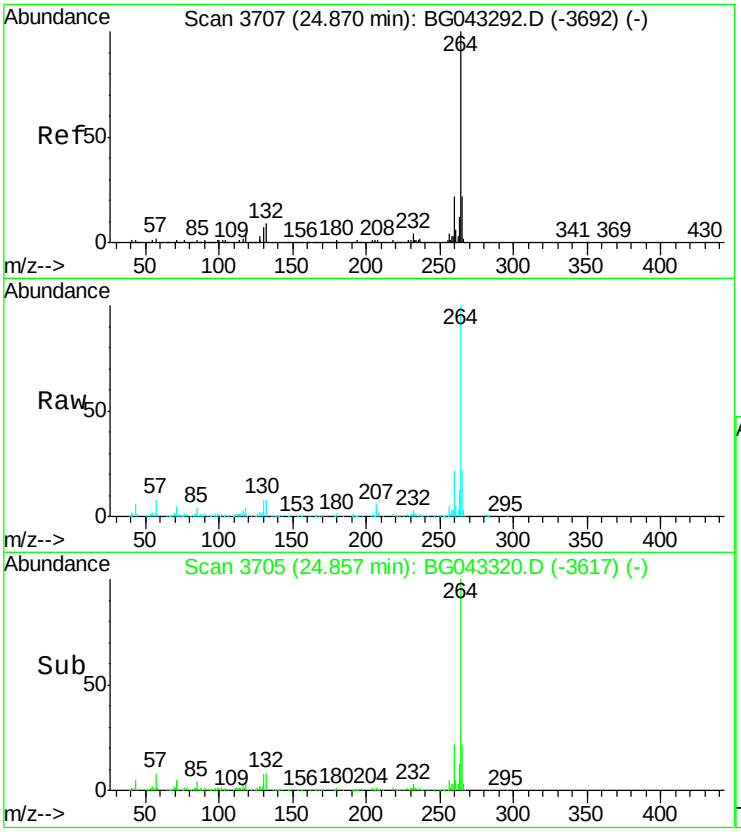


#79
Terphenyl-d14
Concen: 96.902 ng
RT: 20.00 min Scan# 2879
Delta R.T. -0.01 min
Lab File: BG043320.D
Acq: 23 Oct 2019 22:31

Tgt Ion:244 Resp: 1532460

Ion	Ratio	Lower	Upper
244	100		
212	7.5	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: BG043320.D
Acq: 23 Oct 2019 22:31

Instrument :
BNA_G
ClientSampleId :
SECONDARY-PILE-SLP

Tgt Ion:264 Resp: 340809

Ion	Ratio	Lower	Upper
264	100		
260	22.5	17.9	26.9
265	21.8	17.4	26.2