Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121719\
Data File : BG043831.D
Acq On : 17 Dec 2019 22:35
Operator : JU
Sample : K6318-08
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Dec 18 01:06:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 09 18:16:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	108057	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	484580	20.00	ng	0.00
39) Acenaphthene-d10	14.62	164	377593	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	895294	20.00	ng	0.00
76) Chrysene-d12	21.63	240	778942	20.00	ng	0.00
87) Perylene-d12	24.79	264	852264	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	681787	119.55	ng	0.00
7) Phenol-d6	7.16	99	1010745	122.89	ng	0.00
23) Nitrobenzene-d5	9.15	82	576093	66.75	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	352861	98.02	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	1387348	64.54	ng	0.00
79) Terphenyl-d14	19.98	244	2199082	67.92	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.17	77	2311	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	9.15	70	75911	12.072	ng	# 81
32) Benzoic acid	10.46	122	53	5.659	ng	# 1
50) Dimethylphthalate	14.08	163	163388	6.062	ng	97
54) 2,4-Dinitrophenol	14.97	184	55	3.974	ng	# 19
57) 2,4-Dinitrotoluene	14.62	165	47676	6.075	ng	# 25
65) 4,6-Dinitro-2-methylphenol	15.90	198	60	9.515	ng	# 37
67) 4-Bromophenyl-phenylether	16.11	248	26899	2.810	ng	# 1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121719\
Data File : BG043831.D
Acq On : 17 Dec 2019 22:35
Operator : JU
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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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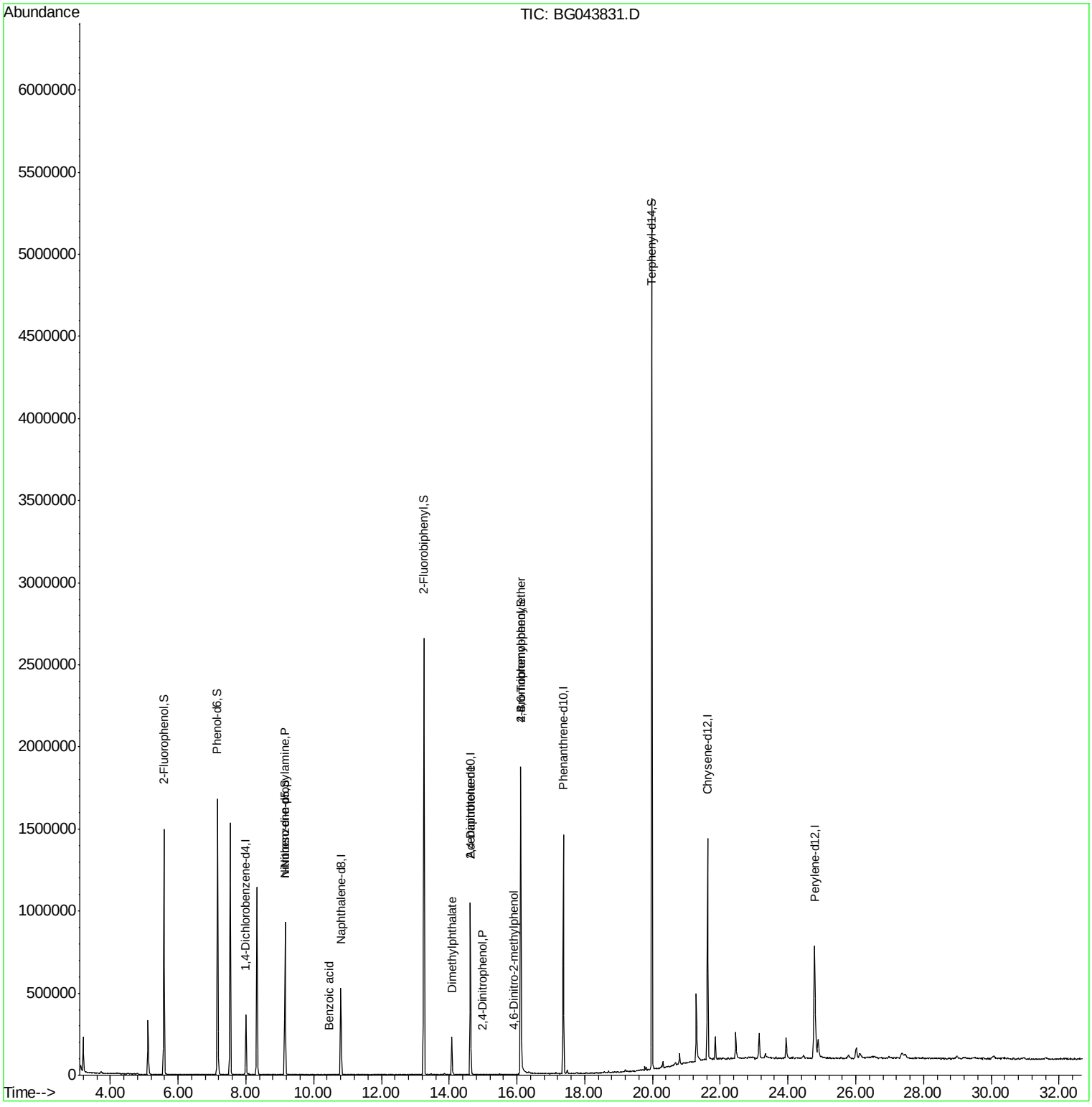
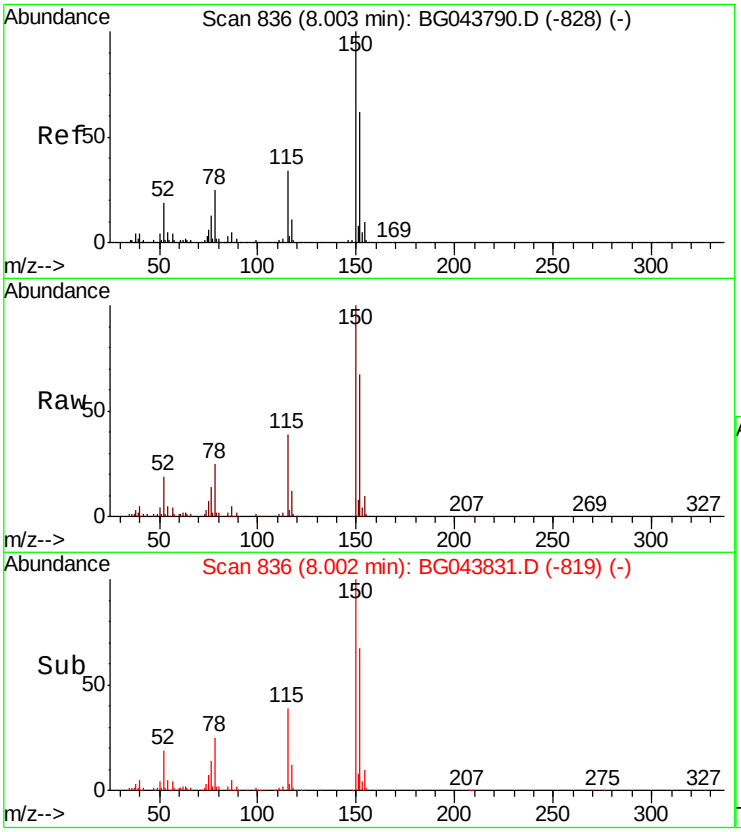
ClientSampleId :

Quant Time: Dec 18 01:06:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 09 18:16:57 2019
Response via : Initial Calibration



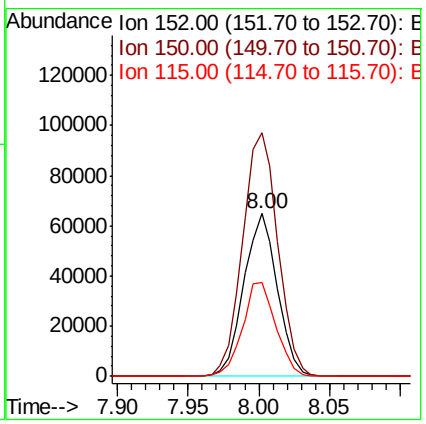


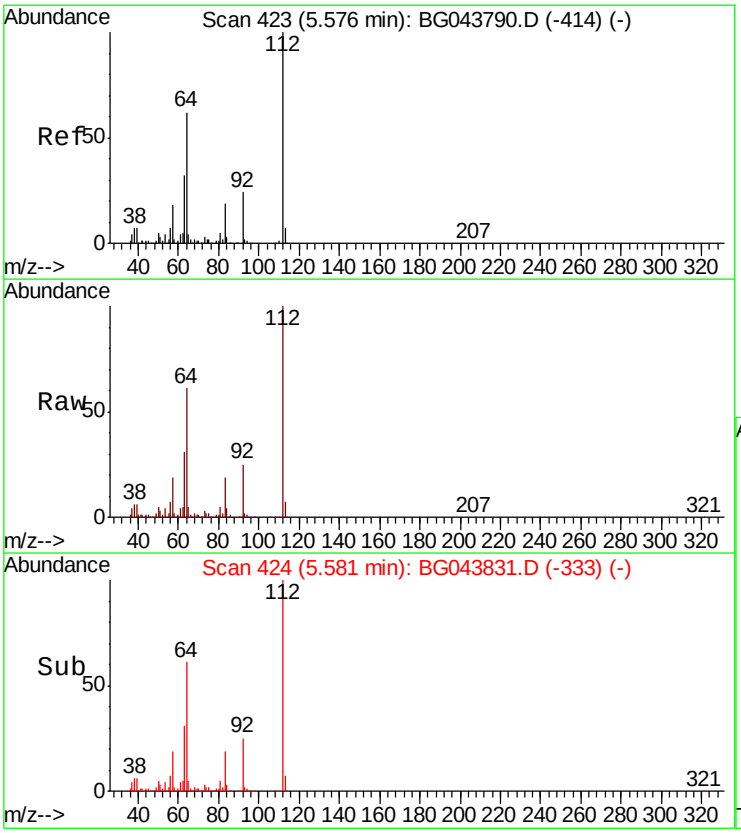
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.00 min
Lab File: BG043831.D
Acq: 17 Dec 2019 22:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 108057

Ion	Ratio	Lower	Upper
152	100		
150	149.6	128.6	192.8
115	58.0	44.3	66.5

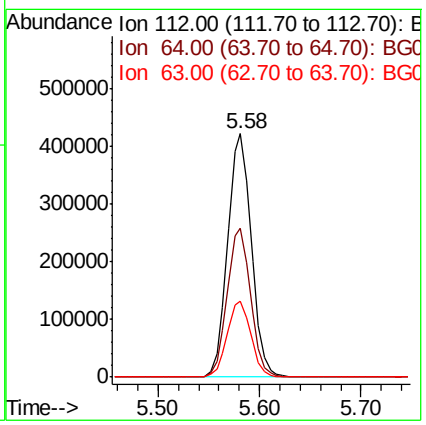


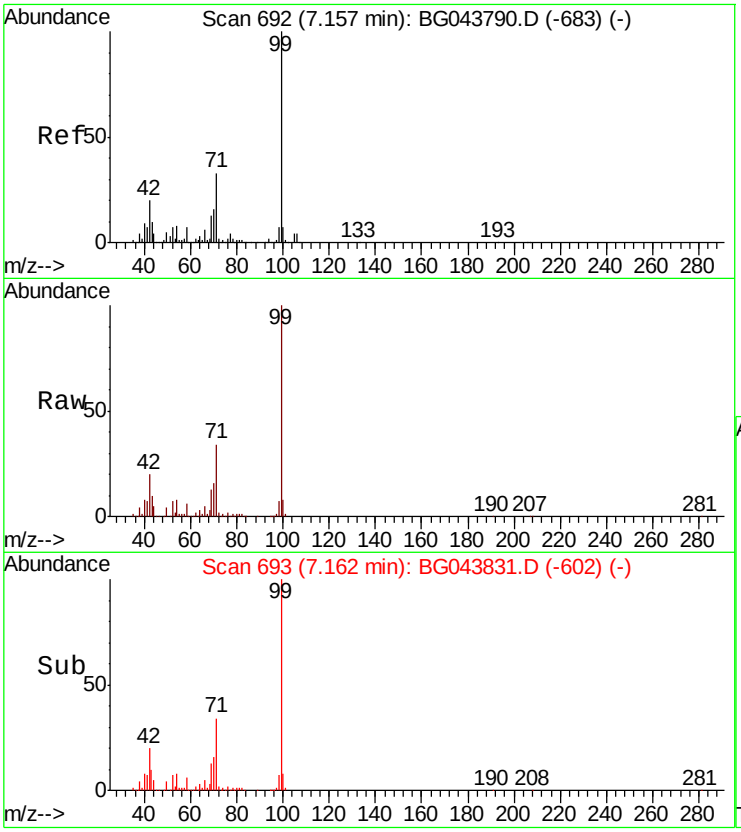


#5
2-Fluorophenol
Concen: 119.548 ng
RT: 5.58 min Scan# 424
Delta R.T. 0.00 min
Lab File: BG043831.D
Acq: 17 Dec 2019 22:35

Tgt Ion:112 Resp: 681787

Ion	Ratio	Lower	Upper
112	100		
64	61.1	49.9	74.9
63	31.2	26.0	39.0



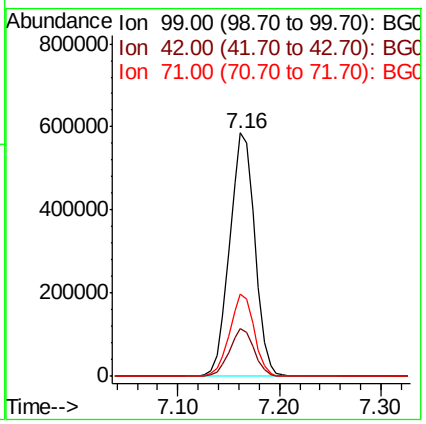


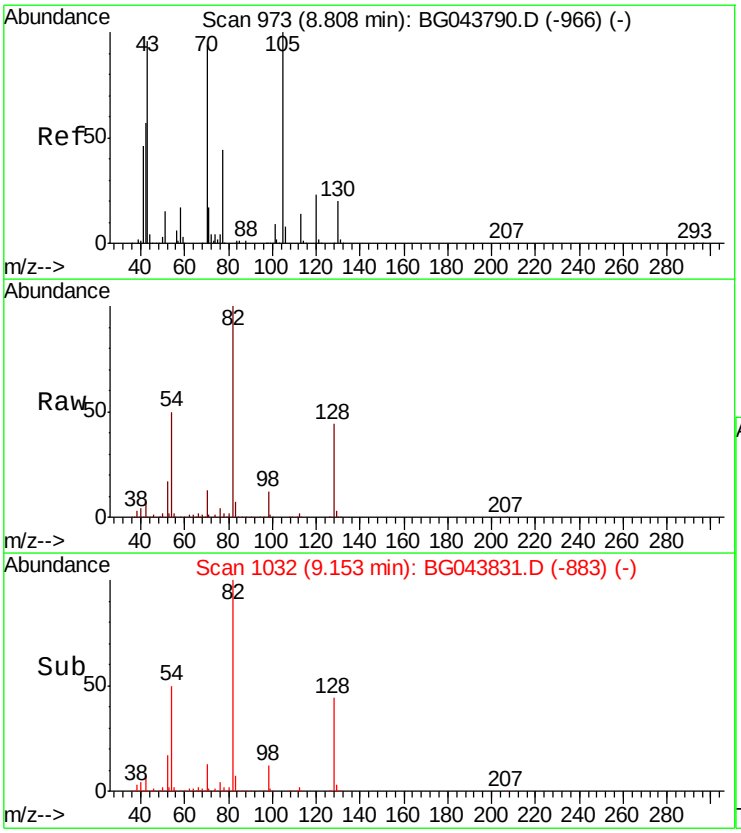
#7
Phenol-d6
Concen: 122.889 ng
RT: 7.16 min Scan# 693
Delta R.T. 0.00 min
Lab File: BG043831.D
Acq: 17 Dec 2019 22:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 1010745

Ion	Ratio	Lower	Upper
99	100		
42	19.6	16.2	24.2
71	33.8	26.6	40.0

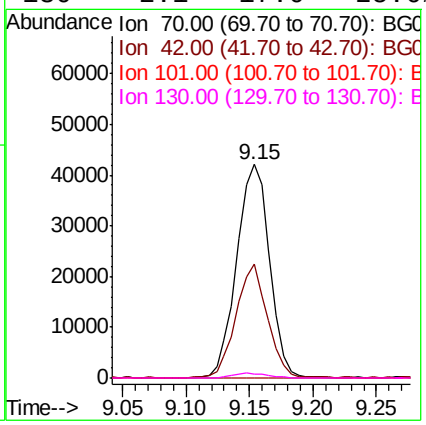


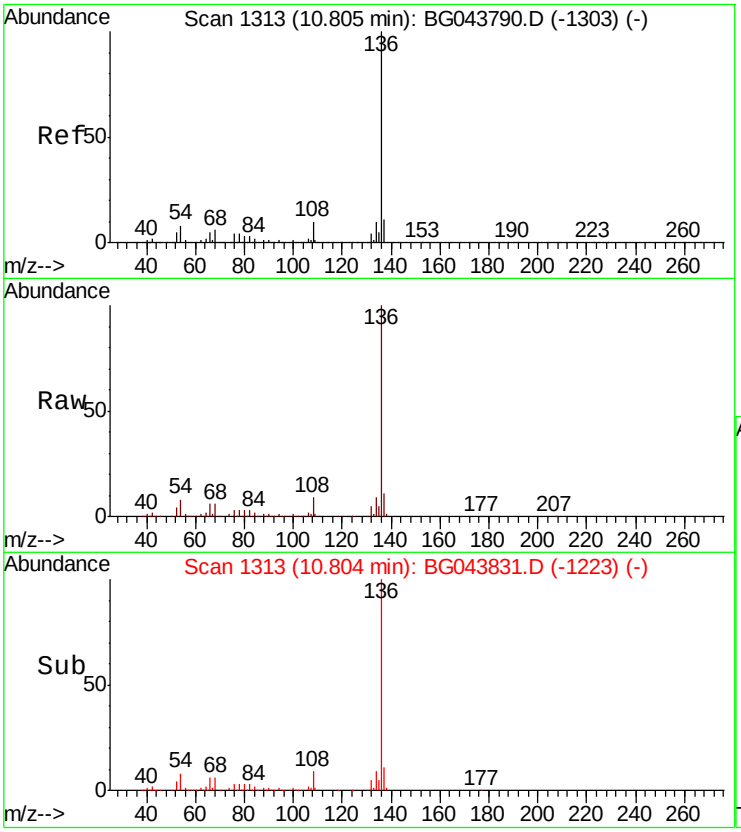


#19
n-Nitroso-di-n-propylamine
Concen: 12.072 ng
RT: 9.15 min Scan# 1032
Delta R.T. 0.35 min
Lab File: BG043831.D
Acq: 17 Dec 2019 22:35

Tgt Ion: 70 Resp: 75911

Ion	Ratio	Lower	Upper
70	100		
42	53.2	49.2	73.8
101	0.0	7.8	11.6#
130	2.1	17.0	25.6#



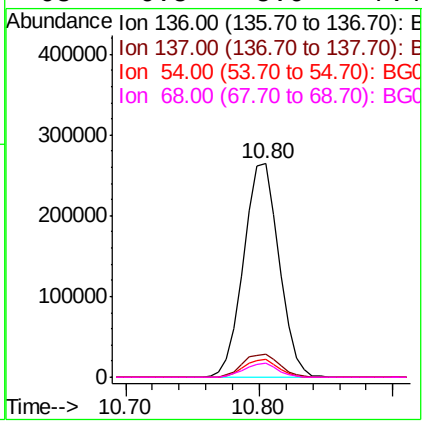


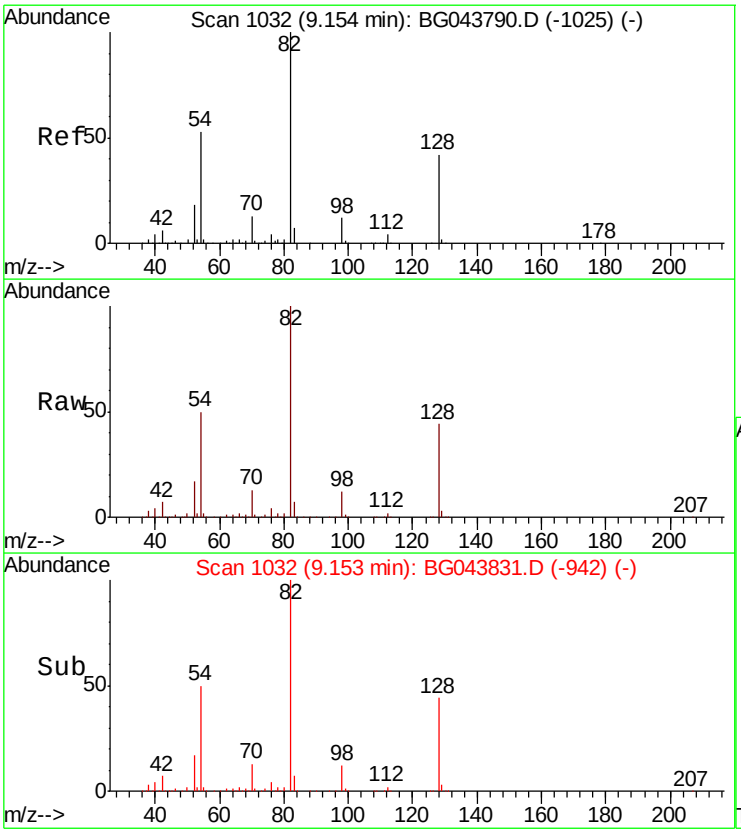
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1313
Delta R.T. -0.00 min
Lab File: BG043831.D
Acq: 17 Dec 2019 22:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 484580

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	8.2	6.8	10.2
68	6.5	5.0	7.4

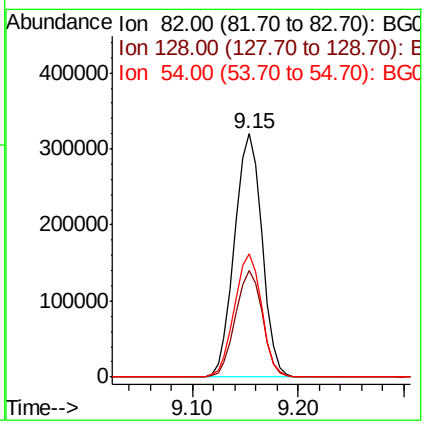


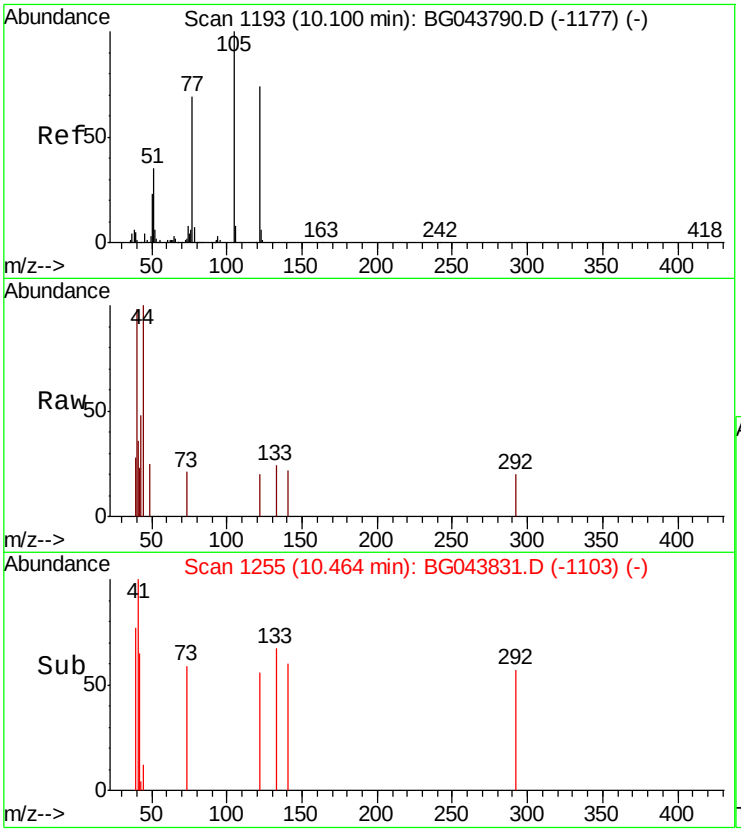


#23
Nitrobenzene-d5
Concen: 66.751 ng
RT: 9.15 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BG043831.D
Acq: 17 Dec 2019 22:35

Tgt Ion: 82 Resp: 576093

Ion	Ratio	Lower	Upper
82	100		
128	43.9	33.6	50.4
54	50.4	42.1	63.1



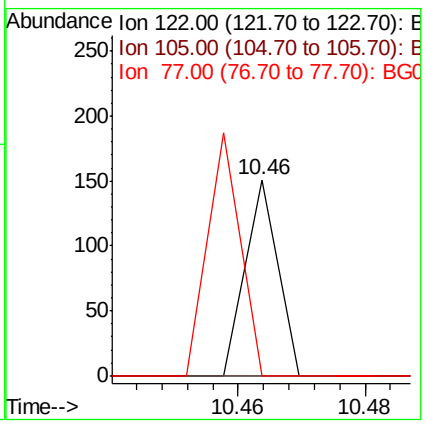


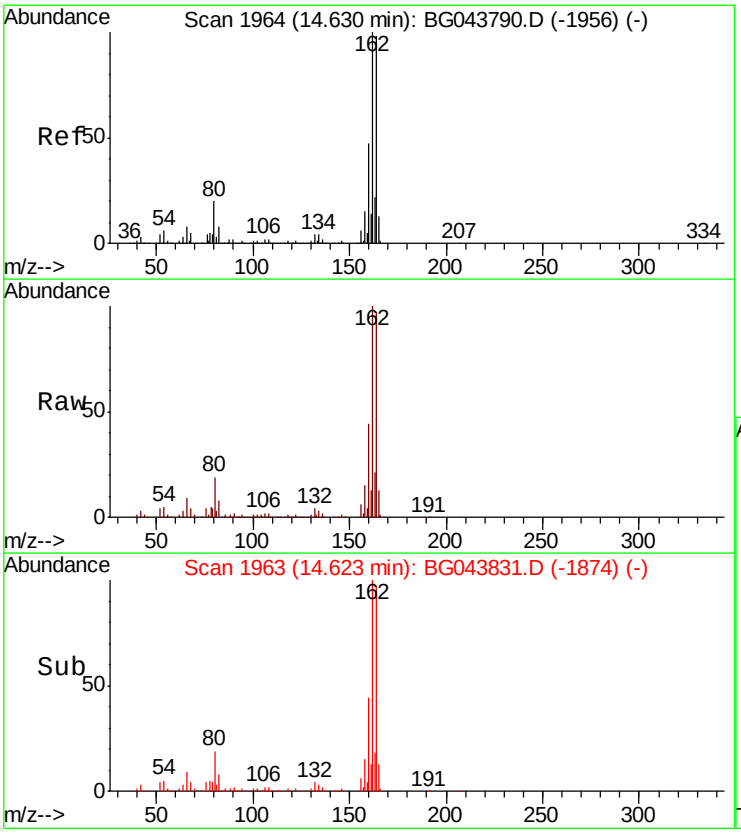
#32
Benzoic acid
Concen: 5.659 ng
RT: 10.46 min Scan# 1255
Delta R.T. 0.36 min
Lab File: BG043831.D
Acq: 17 Dec 2019 22:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:122 Resp: 53

Ion	Ratio	Lower	Upper
122	100		
105	0.0	107.5	147.5#
77	0.0	71.7	111.7#

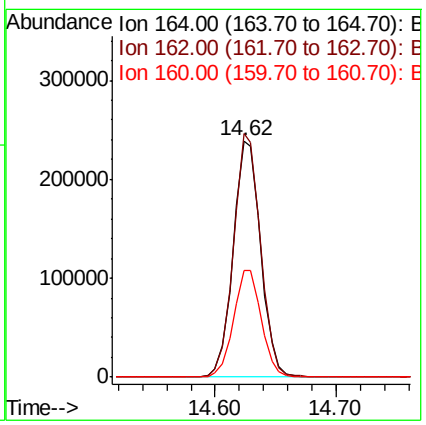


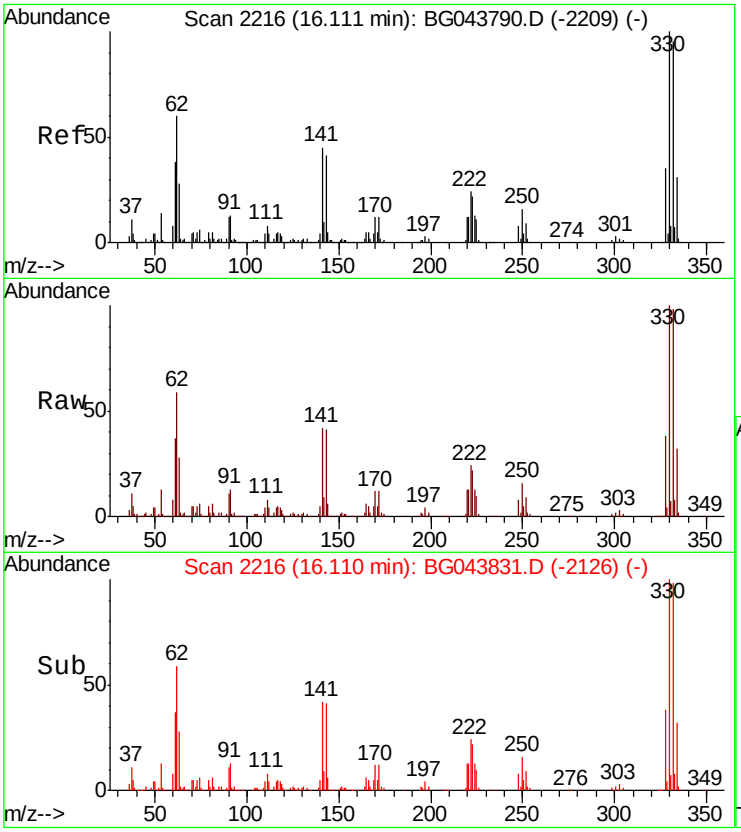


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.62 min Scan# 1963
Delta R.T. -0.01 min
Lab File: BG043831.D
Acq: 17 Dec 2019 22:35

Tgt Ion:164 Resp: 377593

Ion	Ratio	Lower	Upper
164	100		
162	103.1	81.9	122.9
160	45.4	38.3	57.5



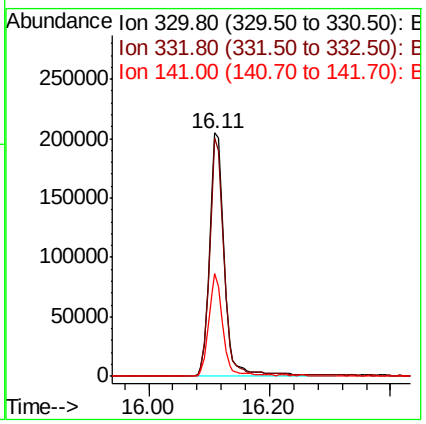


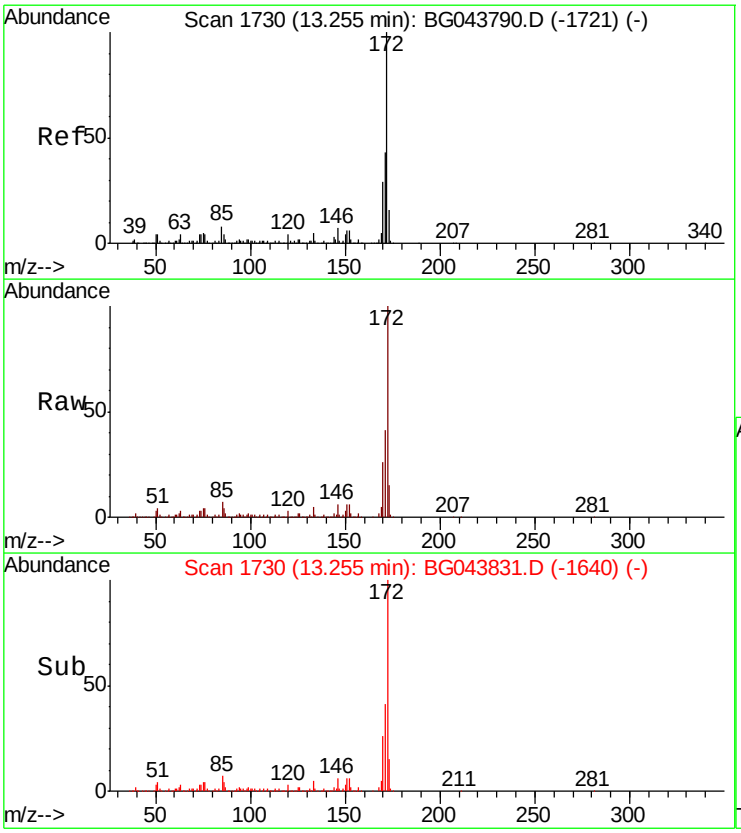
#42
2,4,6-Tribromophenol
Concen: 98.023 ng
RT: 16.11 min Scan# 2216
Delta R.T. -0.00 min
Lab File: BG043831.D
Acq: 17 Dec 2019 22:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 352861

Ion	Ratio	Lower	Upper
330	100		
332	94.6	76.9	115.3
141	40.4	33.8	50.8

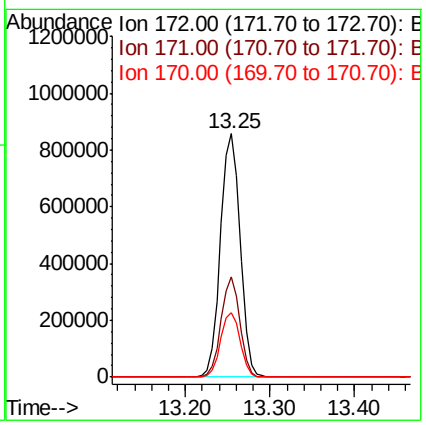


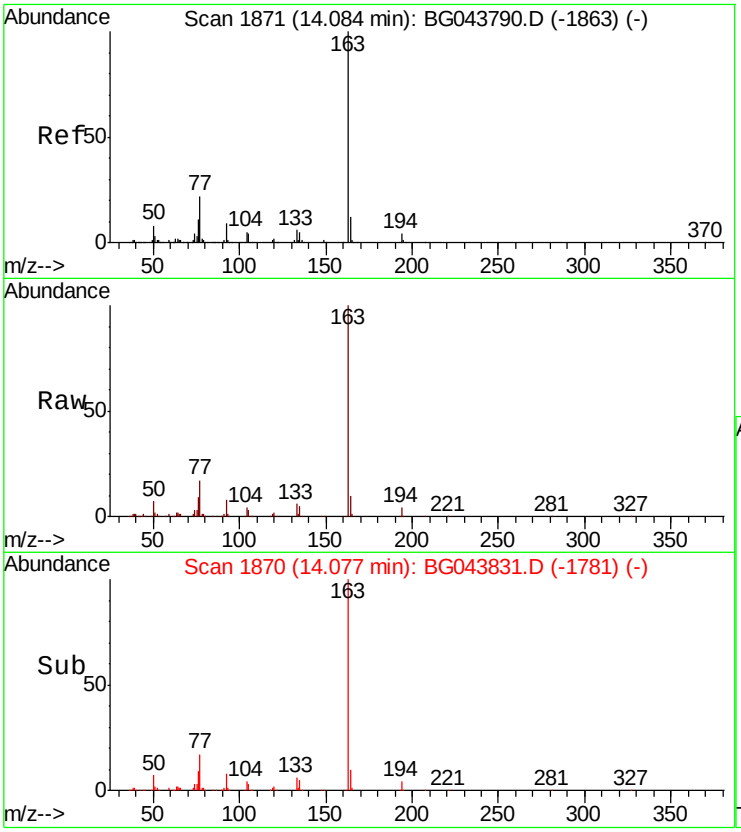


#45
2-Fluorobiphenyl
Concen: 64.540 ng
RT: 13.25 min Scan# 1730
Delta R.T. -0.00 min
Lab File: BG043831.D
Acq: 17 Dec 2019 22:35

Tgt Ion:172 Resp: 1387348

Ion	Ratio	Lower	Upper
172	100		
171	41.4	34.6	51.8
170	26.5	23.3	34.9



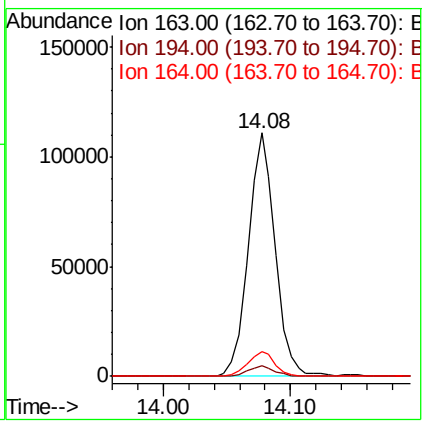


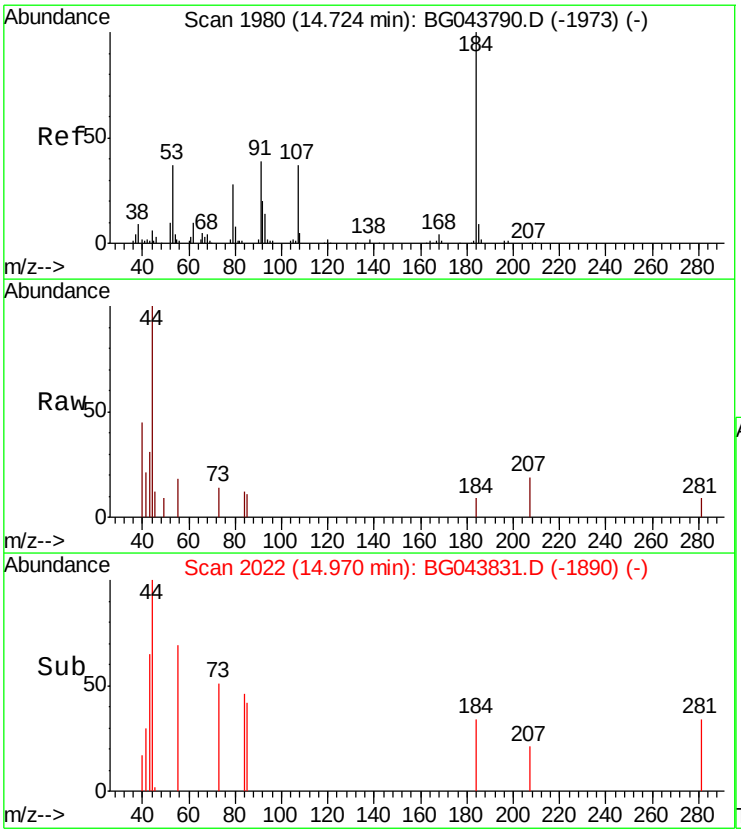
#50
Dimethylphthalate
Concen: 6.062 ng
RT: 14.08 min Scan# 1870
Delta R.T. -0.01 min
Lab File: BG043831.D
Acq: 17 Dec 2019 22:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:163 Resp: 163388

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.6	5.4
164	10.4	9.4	14.0

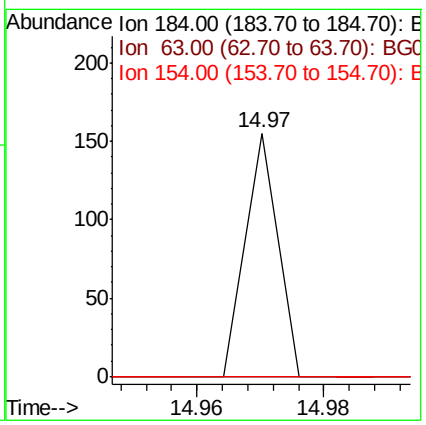


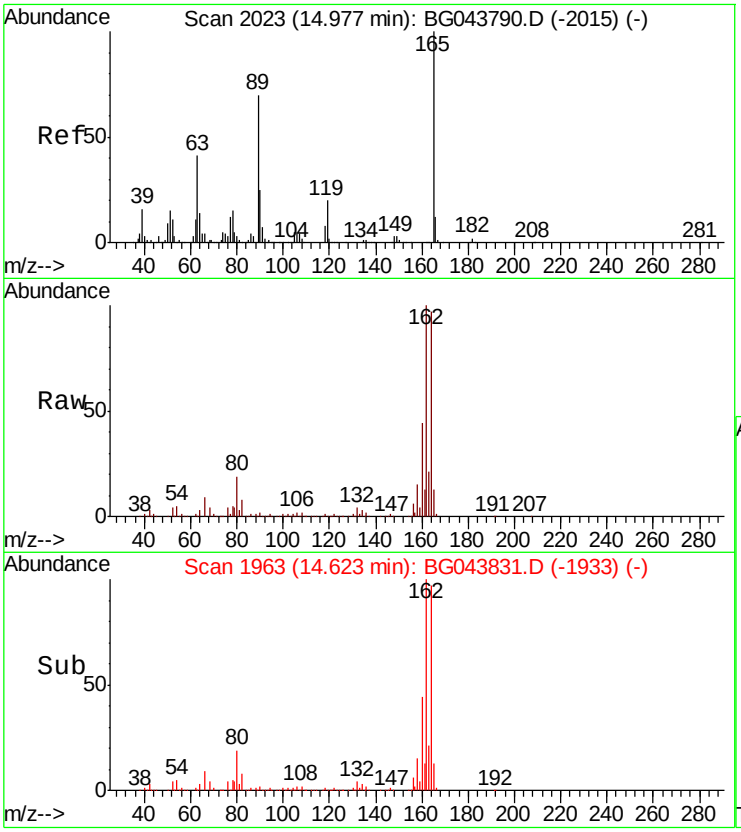


#54
2,4-Dinitrophenol
Concen: 3.974 ng
RT: 14.97 min Scan# 2022
Delta R.T. 0.25 min
Lab File: BG043831.D
Acq: 17 Dec 2019 22:35

Tgt Ion:184 Resp: 55

Ion	Ratio	Lower	Upper
184	100		
63	0.0	43.4	65.0#
154	0.0	54.8	82.2#



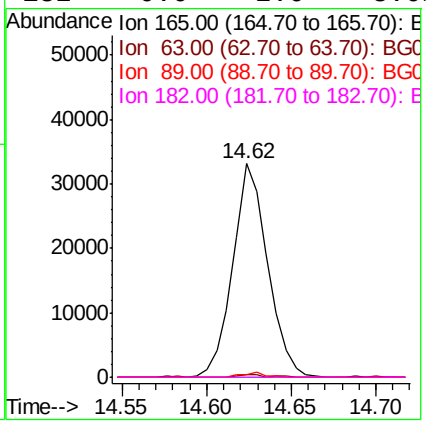


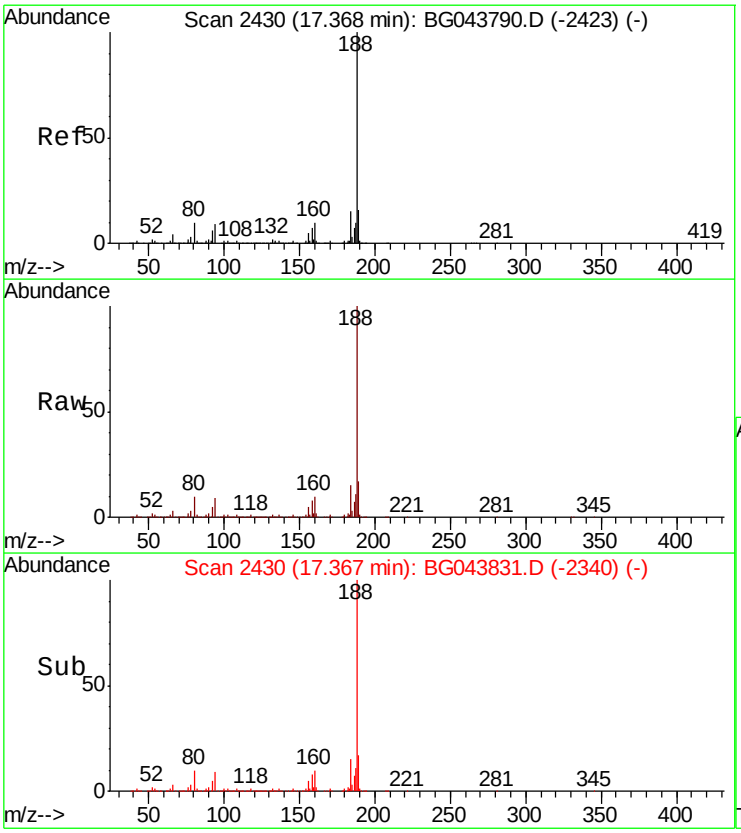
#57
2,4-Dinitrotoluene
Concen: 6.075 ng
RT: 14.62 min Scan# 1963
Delta R.T. -0.35 min
Lab File: BG043831.D
Acq: 17 Dec 2019 22:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 47676

Ion	Ratio	Lower	Upper
165	100		
63	1.3	32.7	49.1#
89	1.3	56.1	84.1#
182	0.0	2.0	3.0#

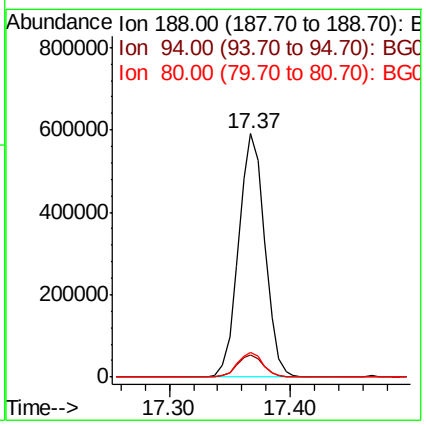


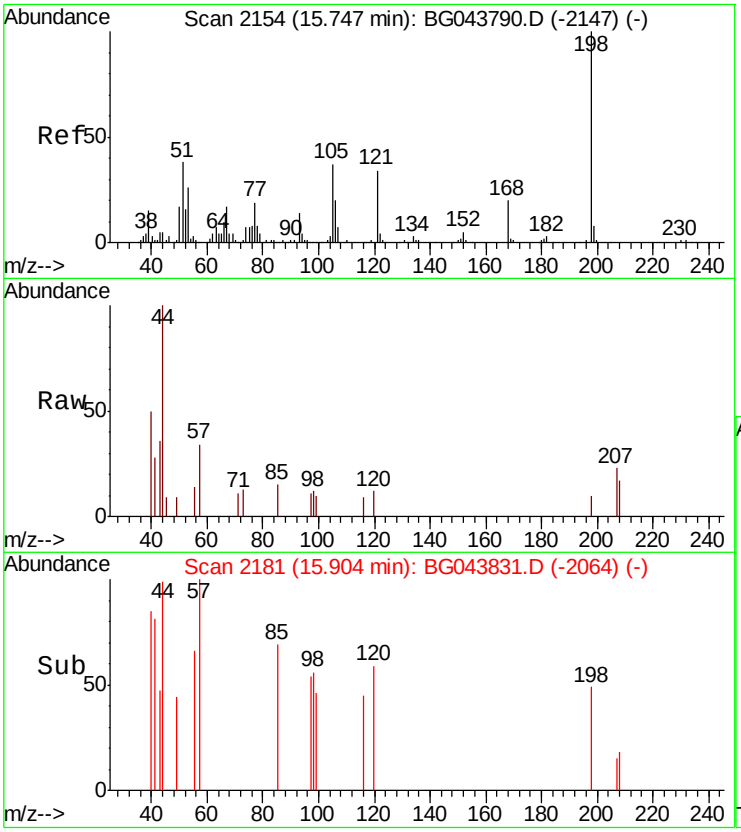


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.37 min Scan# 2430
Delta R.T. -0.00 min
Lab File: BG043831.D
Acq: 17 Dec 2019 22:35

Tgt Ion:188 Resp: 895294

Ion	Ratio	Lower	Upper
188	100		
94	9.2	6.9	10.3
80	9.9	7.8	11.8



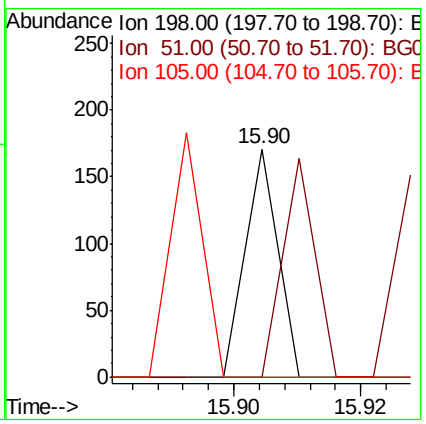


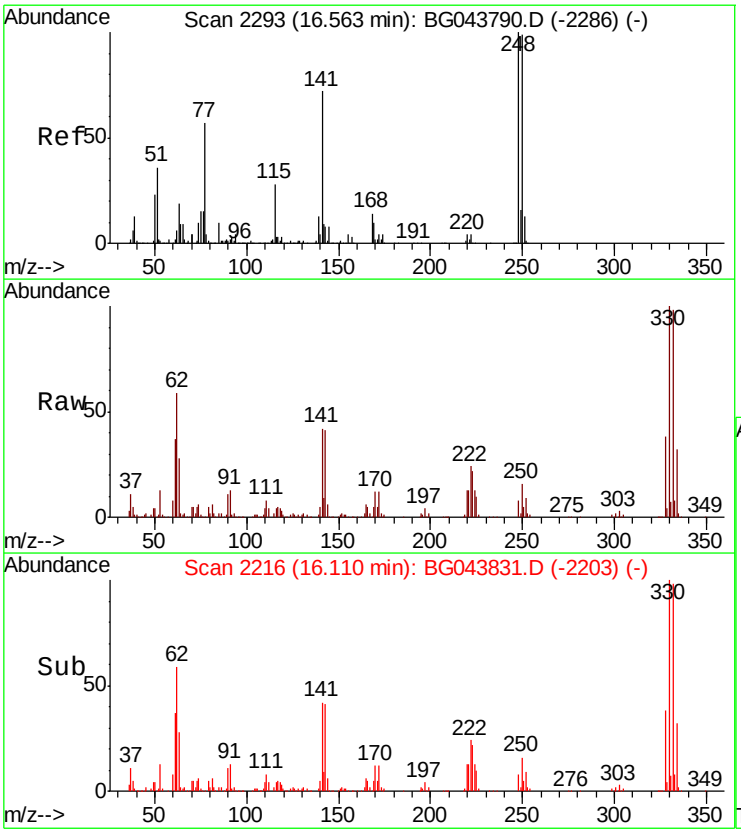
#65
4,6-Dinitro-2-methylphenol
Concen: 9.515 ng
RT: 15.90 min Scan# 2181
Delta R.T. 0.16 min
Lab File: BG043831.D
Acq: 17 Dec 2019 22:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:198 Resp: 60

Ion	Ratio	Lower	Upper
198	100		
51	0.0	18.9	58.9#
105	0.0	18.1	58.1#

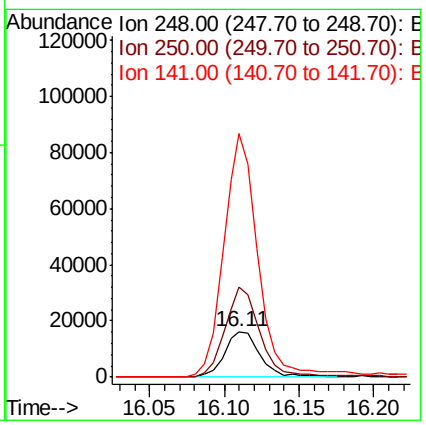


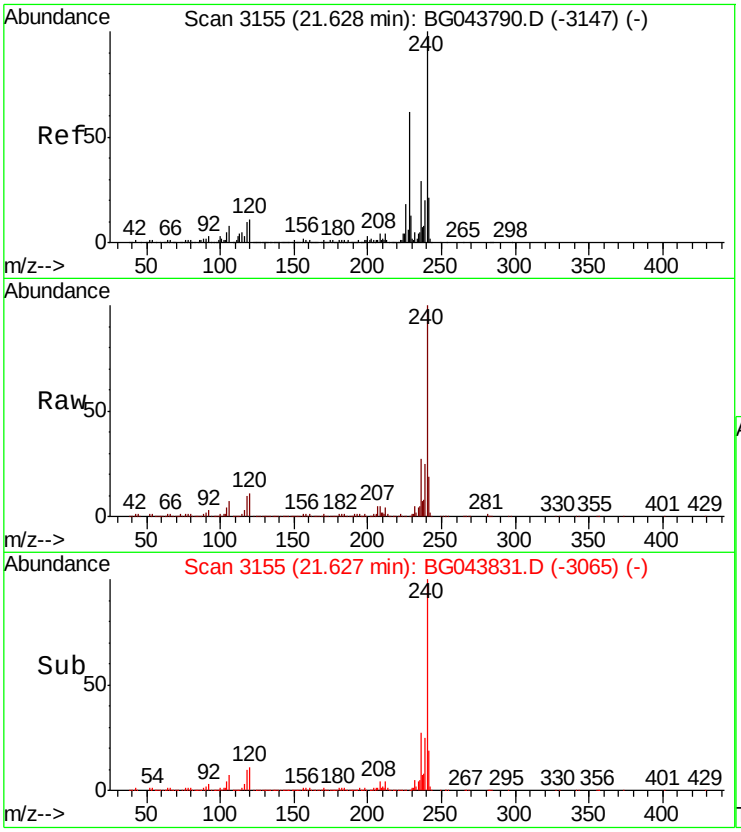


#67
4-Bromophenyl-phenylether
Concen: 2.810 ng
RT: 16.11 min Scan# 2216
Delta R.T. -0.45 min
Lab File: BG043831.D
Acq: 17 Dec 2019 22:35

Tgt Ion:248 Resp: 26899

Ion	Ratio	Lower	Upper
248	100		
250	197.0	79.0	118.6#
141	532.3	57.8	86.6#



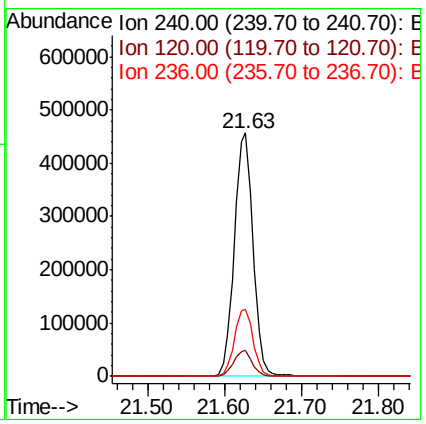


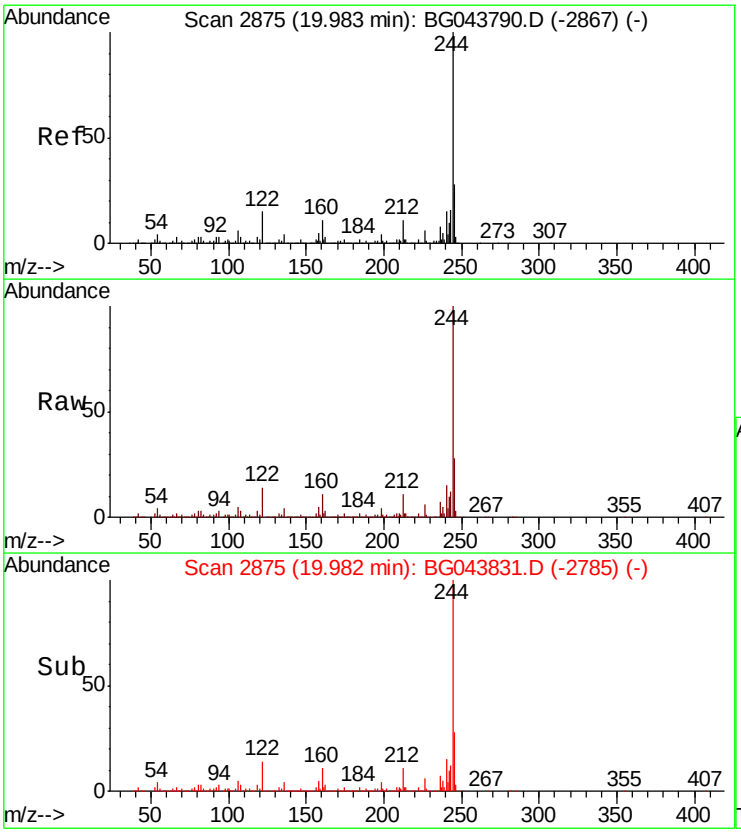
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.63 min Scan# 3155
Delta R.T. -0.00 min
Lab File: BG043831.D
Acq: 17 Dec 2019 22:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 778942

Ion	Ratio	Lower	Upper
240	100		
120	10.6	8.6	12.8
236	27.4	23.1	34.7

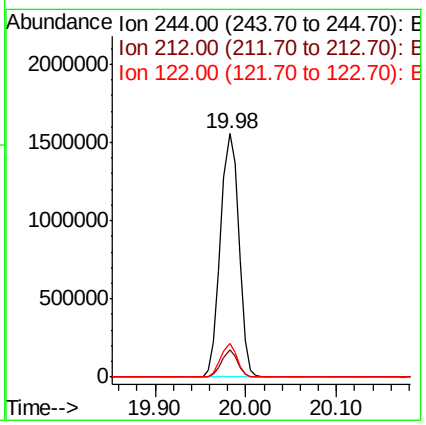


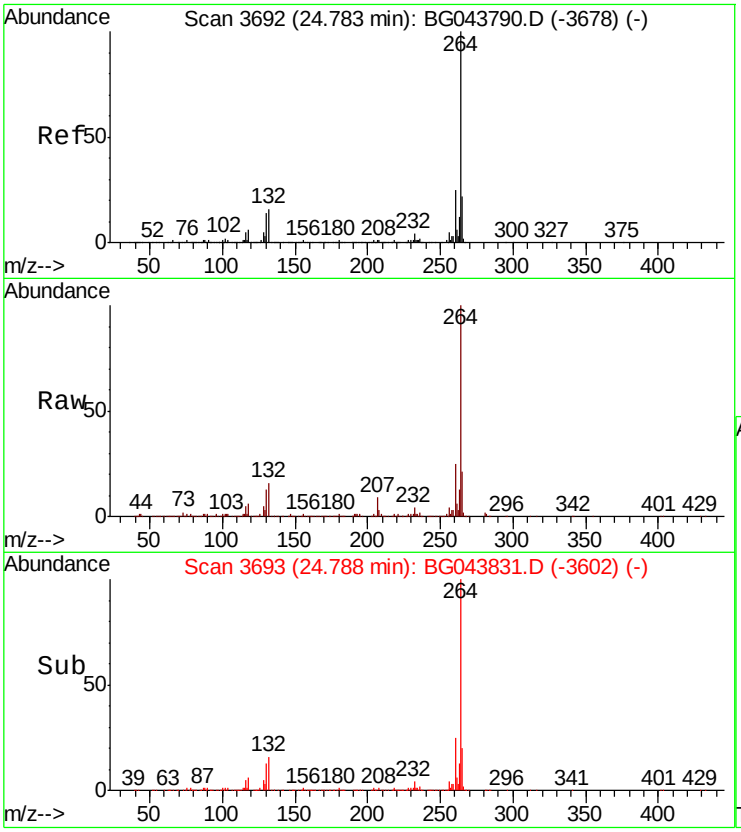


#79
Terphenyl-d14
Concen: 67.919 ng
RT: 19.98 min Scan# 2875
Delta R.T. -0.00 min
Lab File: BG043831.D
Acq: 17 Dec 2019 22:35

Tgt Ion:244 Resp: 2199082

Ion	Ratio	Lower	Upper
244	100		
212	11.1	9.1	13.7
122	13.9	11.6	17.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.79 min Scan# 3693
Delta R.T. 0.00 min
Lab File: BG043831.D
Acq: 17 Dec 2019 22:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 852264

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.8	29.8
265	20.6	17.9	26.9