Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG051120\
Data File : BG045294.D
Acq On : 11 May 2020 13:24
Operator : CG/JU
Sample : PB128734BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB128734BL

Quant Time: May 11 14:00:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 11 13:27:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	59167	20.00	ng	0.00
21) Naphthalene-d8	10.78	136	228858	20.00	ng	0.00
39) Acenaphthene-d10	14.62	164	162495	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	390778	20.00	ng	0.00
76) Chrysene-d12	21.63	240	438091	20.00	ng	0.00
87) Perylene-d12	24.80	264	479385	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	605904	169.07	ng	0.00
7) Phenol-d6	7.14	99	851898	159.99	ng	0.00
23) Nitrobenzene-d5	9.13	82	580990	115.84	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	430119	171.34	ng	0.00
45) 2-Fluorobiphenyl	13.24	172	1316549	118.80	ng	0.00
79) Terphenyl-d14	19.99	244	2529009	125.82	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.15	77	1328	Below Cal	#	4
15) Benzyl Alcohol	8.30	79	10089	2.260	ng	# 57
19) n-Nitroso-di-n-propylamine	9.13	70	78469	20.838	ng	# 81
51) 2,6-Dinitrotoluene	14.62	165	20931	7.073	ng	# 25
57) 2,4-Dinitrotoluene	14.62	165	20931	4.840	ng	# 22
67) 4-Bromophenyl-phenylether	16.11	248	29397	5.831	ng	# 1
74) Di-n-butylphthalate	18.34	149	850	Below Cal	#	76
75) Fluoranthene	19.43	202	210	Below Cal		62
77) Benzidine	19.99	184	53107	Below Cal	#	90

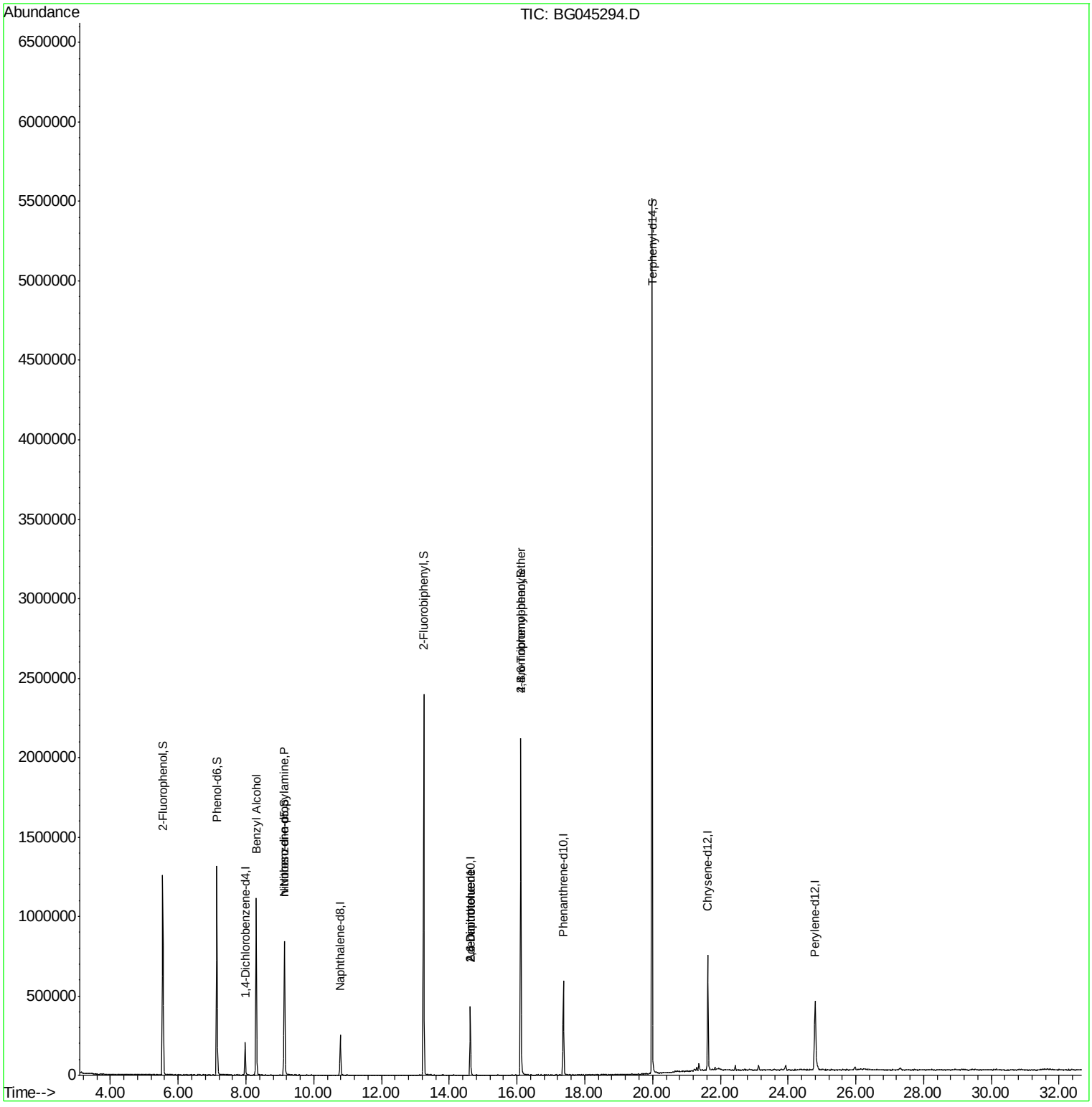
(#) = qualifier out of range (m) = manual integration (+) = signals summed

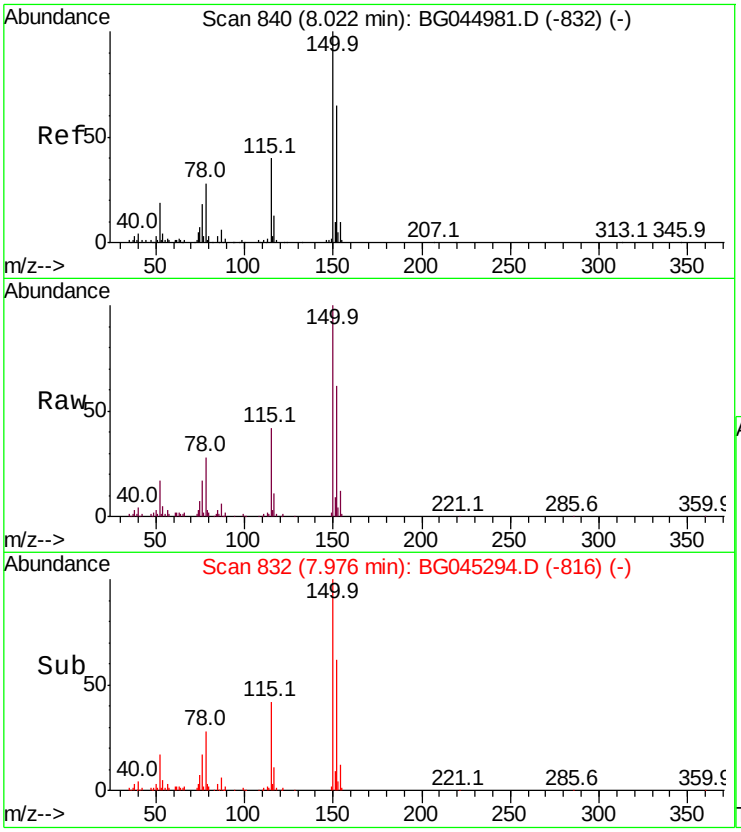
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG051120\
Data File : BG045294.D
Acq On : 11 May 2020 13:24
Operator : CG/JU
Sample : PB128734BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB128734BL

Quant Time: May 11 14:00:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 11 13:27:41 2020
Response via : Initial Calibration



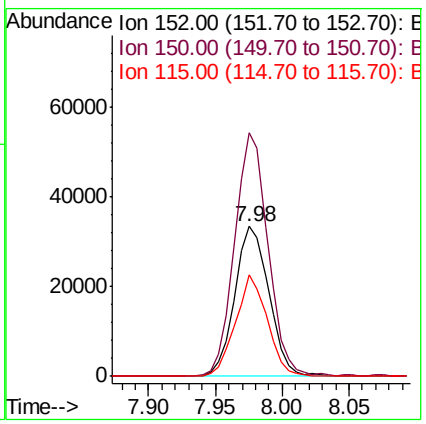


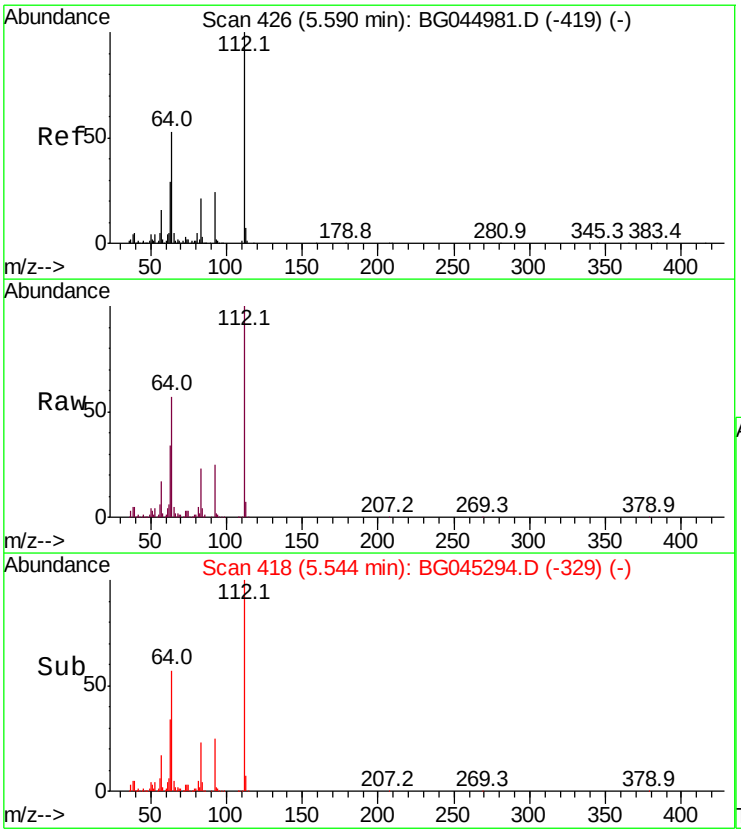
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.98 min Scan# 832
Delta R.T. -0.01 min
Lab File: BG045294.D
Acq: 11 May 2020 13:24

Instrument :
BNA_G
ClientSampleId :
PB128734BL

Tgt Ion:152 Resp: 59167

Ion	Ratio	Lower	Upper
152	100		
150	162.3	123.6	185.4
115	67.4	49.1	73.7

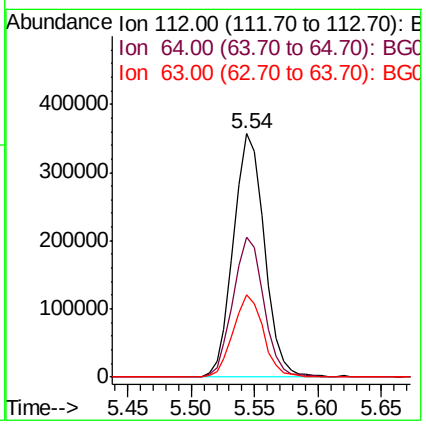


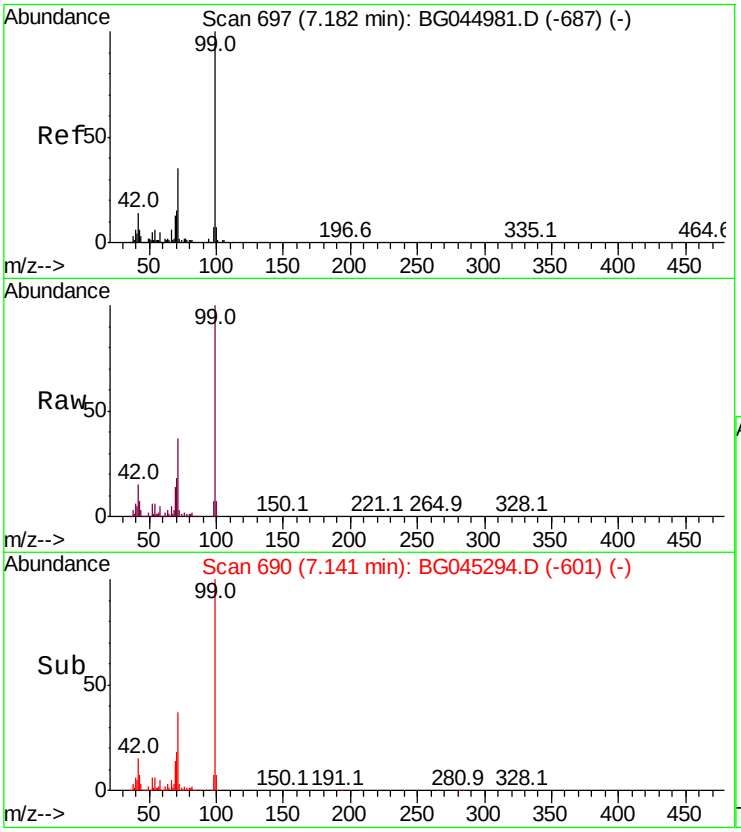


#5
2-Fluorophenol
Concen: 169.066 ng
RT: 5.54 min Scan# 418
Delta R.T. -0.01 min
Lab File: BG045294.D
Acq: 11 May 2020 13:24

Tgt Ion:112 Resp: 605904

Ion	Ratio	Lower	Upper
112	100		
64	57.3	42.4	63.6
63	33.7	23.1	34.7



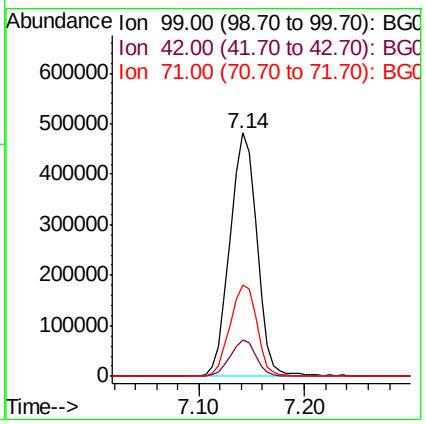


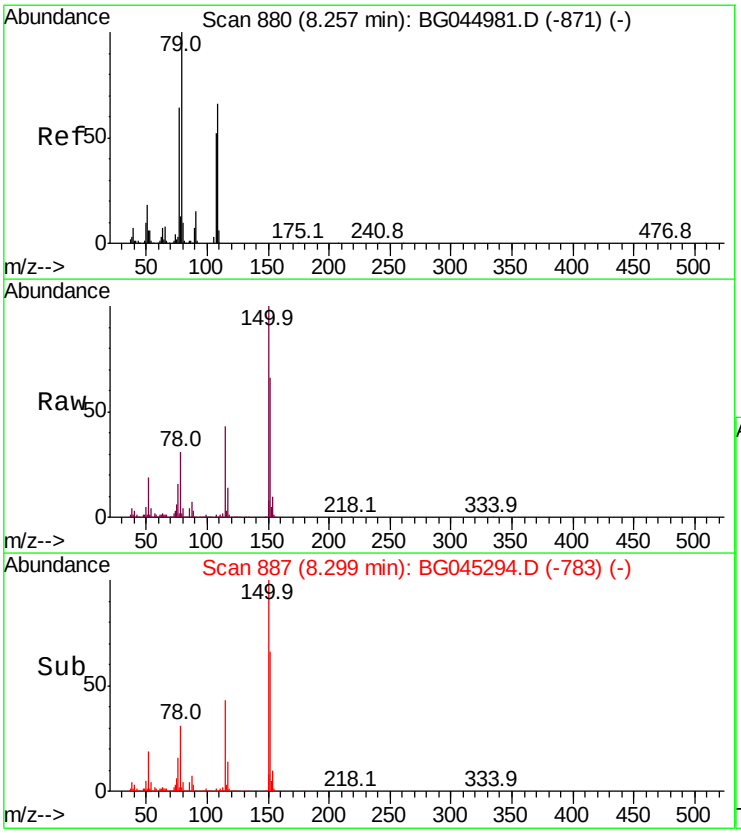
#7
Phenol-d6
Concen: 159.991 ng
RT: 7.14 min Scan# 690
Delta R.T. -0.01 min
Lab File: BG045294.D
Acq: 11 May 2020 13:24

Instrument :
BNA_G
ClientSampleId :
PB128734BL

Tgt Ion: 99 Resp: 851898

Ion	Ratio	Lower	Upper
99	100		
42	14.8	11.3	16.9
71	37.3	28.3	42.5

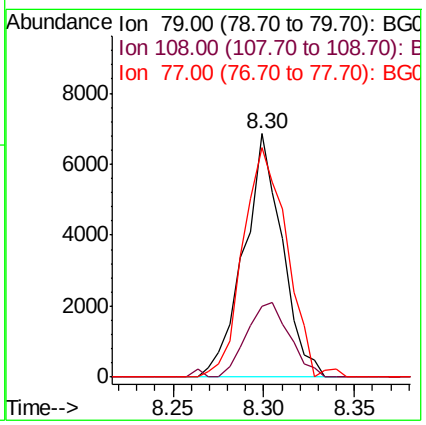


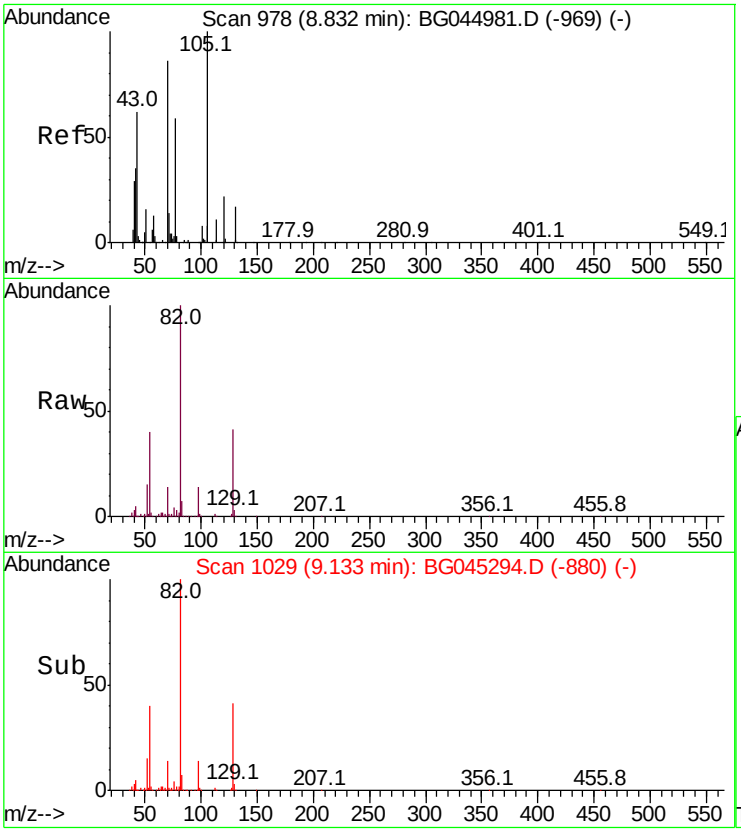


#15
Benzyl Alcohol
Concen: 2.260 ng
RT: 8.30 min Scan# 887
Delta R.T. 0.08 min
Lab File: BG045294.D
Acq: 11 May 2020 13:24

Tgt Ion: 79 Resp: 10089

Ion	Ratio	Lower	Upper
79	100		
108	28.9	52.7	79.1#
77	94.3	51.3	76.9#



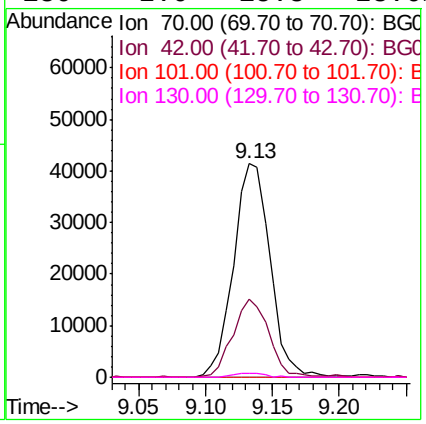


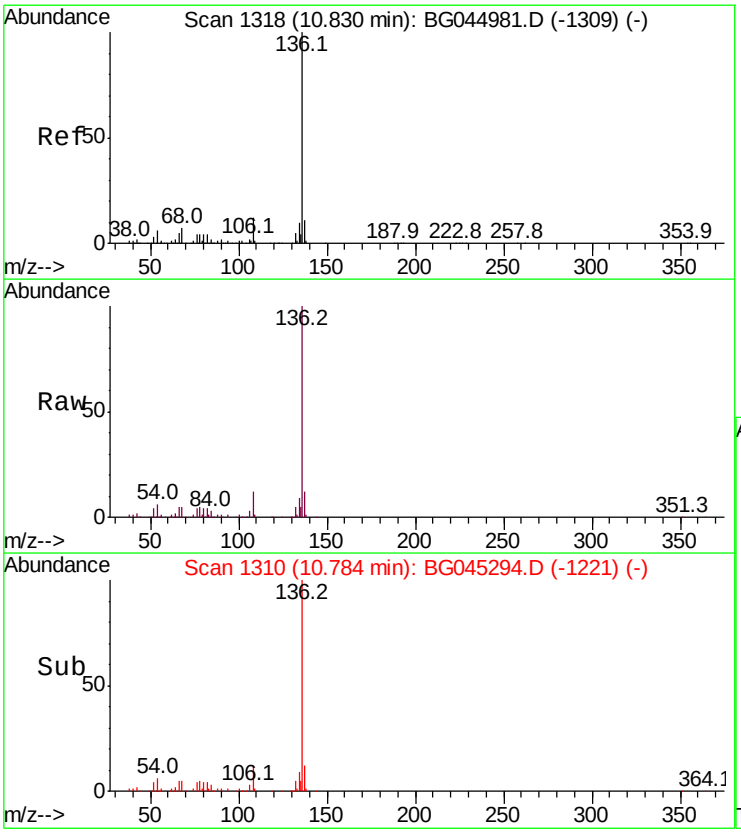
#19
n-Nitroso-di-n-propylamine
Concen: 20.838 ng
RT: 9.13 min Scan# 1029
Delta R.T. 0.35 min
Lab File: BG045294.D
Acq: 11 May 2020 13:24

Instrument : BNA_G
ClientSampleId : PB128734BL

Tgt Ion: 70 Resp: 78469

Ion	Ratio	Lower	Upper
70	100		
42	36.5	33.3	49.9
101	0.0	7.8	11.8#
130	2.0	15.8	23.6#

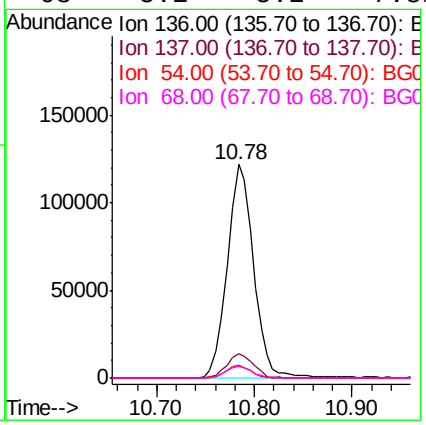


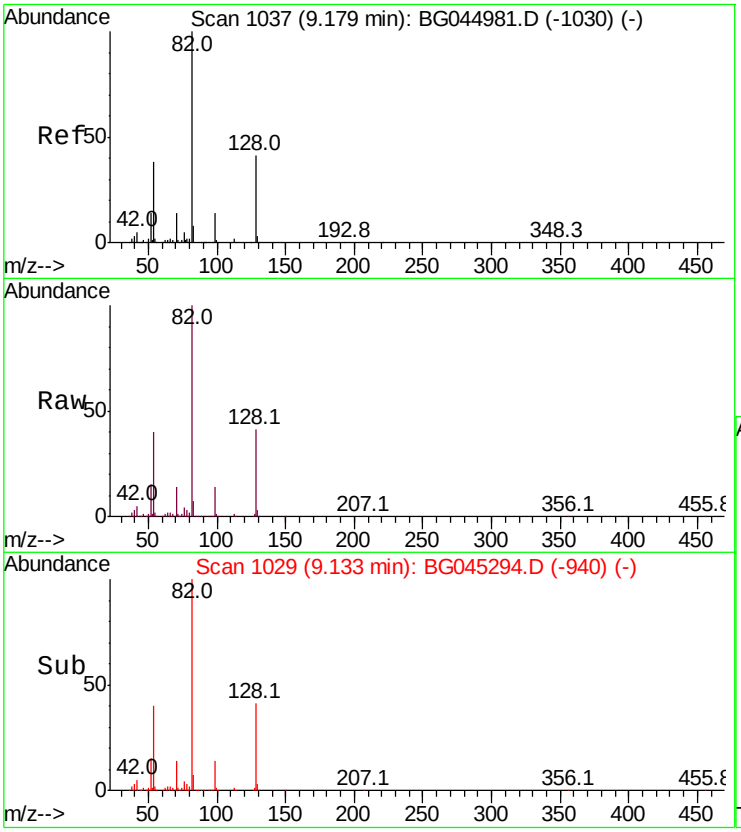


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.78 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BG045294.D
Acq: 11 May 2020 13:24

Tgt Ion:136 Resp: 228858

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.6	13.0
54	6.2	4.8	7.2
68	5.2	5.2	7.8#



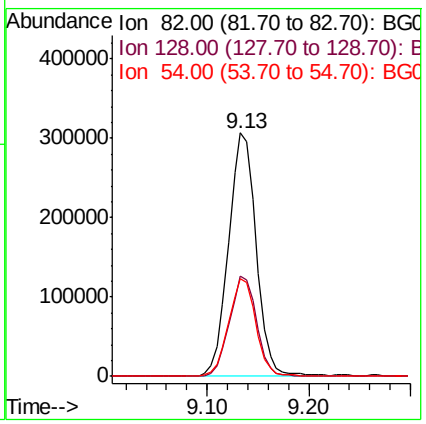


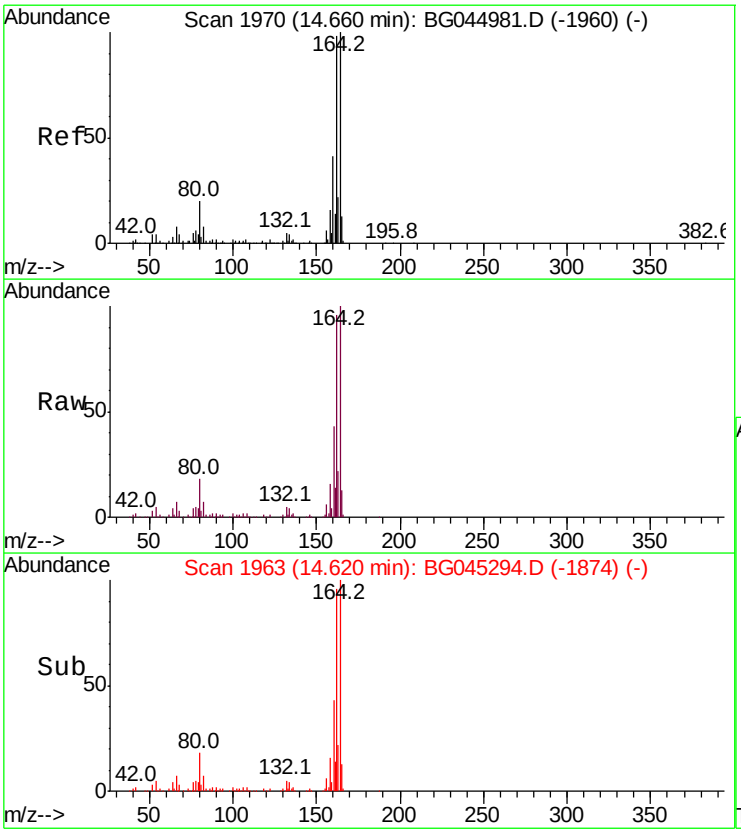
#23
Nitrobenzene-d5
Concen: 115.836 ng
RT: 9.13 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG045294.D
Acq: 11 May 2020 13:24

Instrument :
BNA_G
ClientSampleId :
PB128734BL

Tgt Ion: 82 Resp: 580990

Ion	Ratio	Lower	Upper
82	100		
128	41.2	33.0	49.4
54	40.2	30.4	45.6

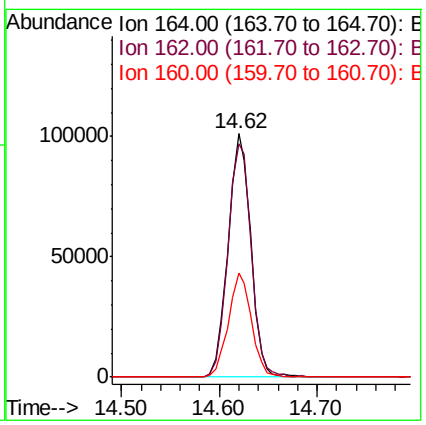


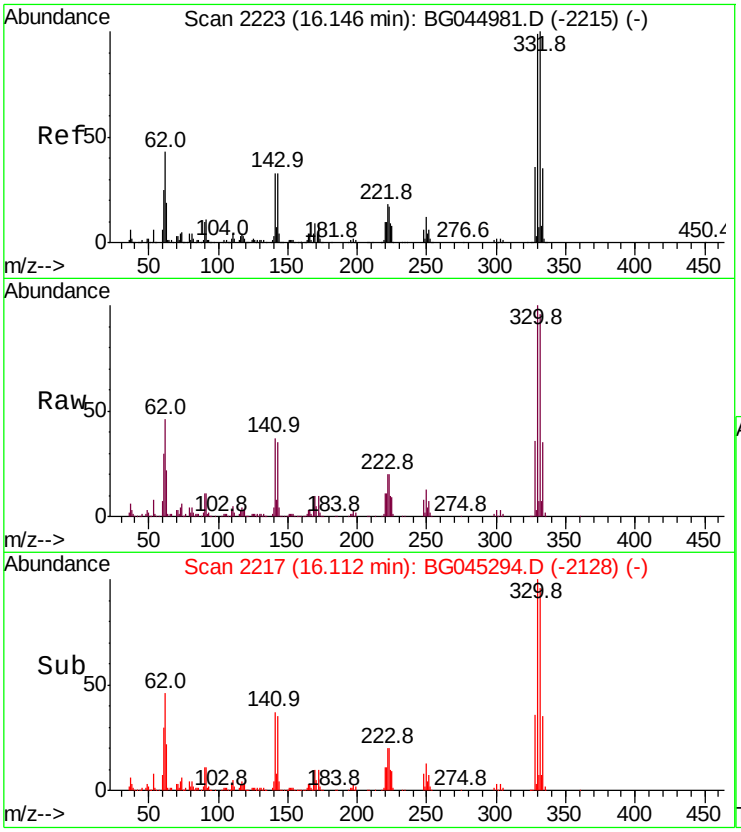


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.62 min Scan# 1963
Delta R.T. -0.01 min
Lab File: BG045294.D
Acq: 11 May 2020 13:24

Tgt Ion:164 Resp: 162495

Ion	Ratio	Lower	Upper
164	100		
162	95.8	78.7	118.1
160	43.0	32.8	49.2



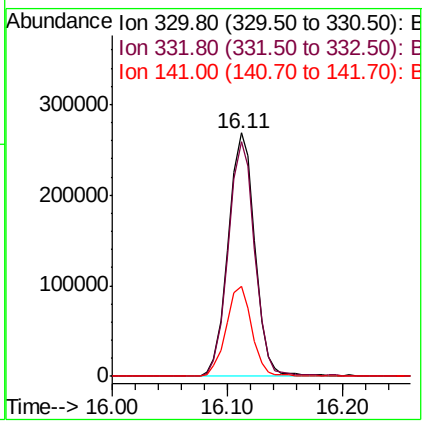


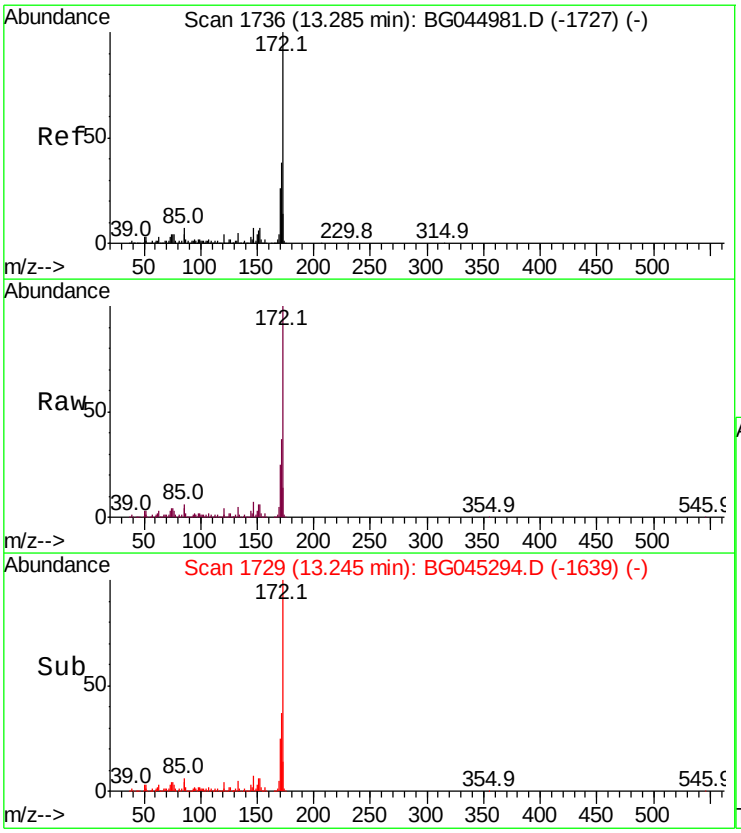
#42
2,4,6-Tribromophenol
Concen: 171.339 ng
RT: 16.11 min Scan# 2217
Delta R.T. -0.01 min
Lab File: BG045294.D
Acq: 11 May 2020 13:24

Instrument :
BNA_G
ClientSampleId :
PB128734BL

Tgt Ion:330 Resp: 430119

Ion	Ratio	Lower	Upper
330	100		
332	96.2	79.1	118.7
141	35.5	27.1	40.7

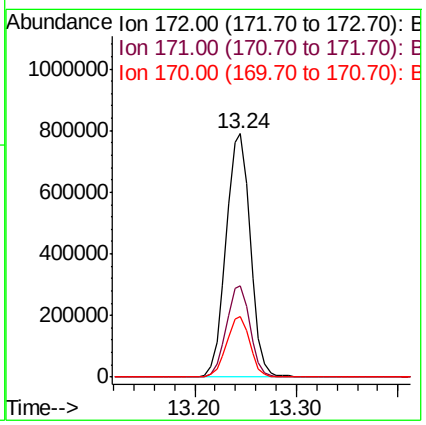


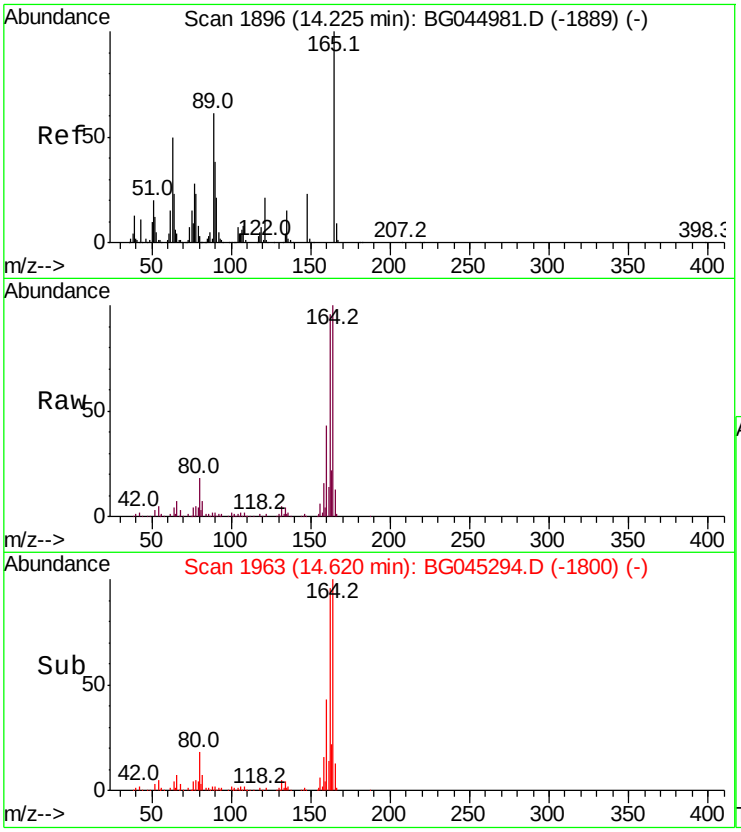


#45
2-Fluorobiphenyl
Concen: 118.802 ng
RT: 13.24 min Scan# 1729
Delta R.T. -0.00 min
Lab File: BG045294.D
Acq: 11 May 2020 13:24

Tgt Ion:172 Resp: 1316549

Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.6	46.0
170	24.8	20.5	30.7



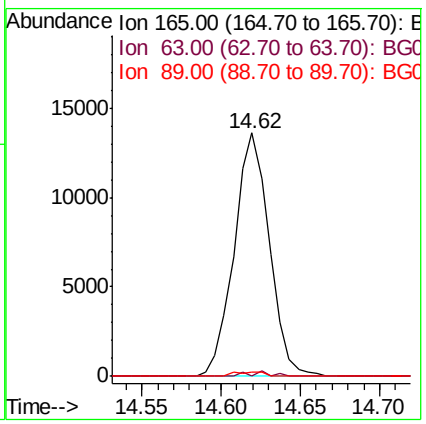


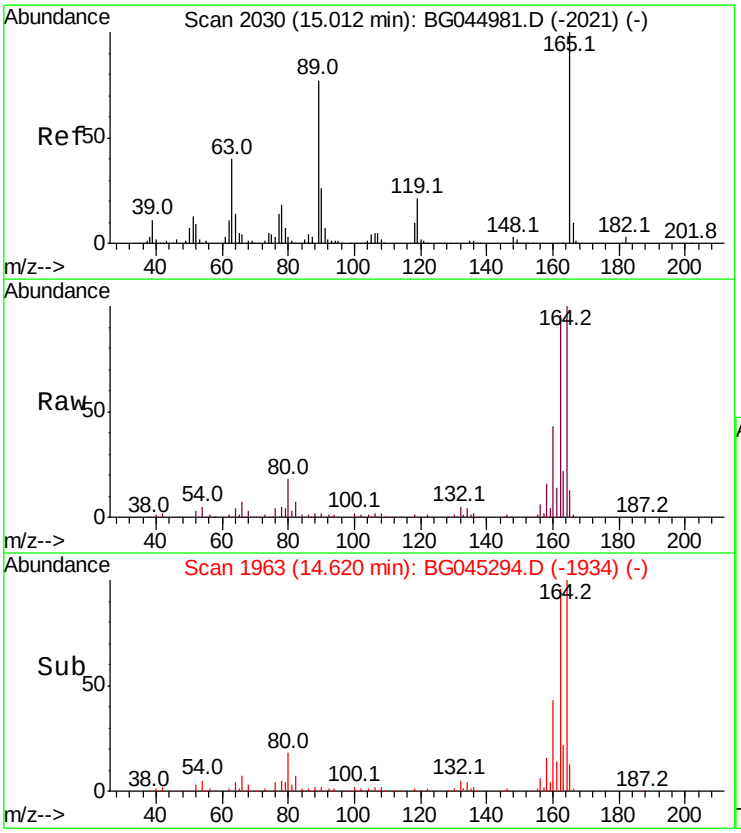
#51
2,6-Dinitrotoluene
Concen: 7.073 ng
RT: 14.62 min Scan# 1963
Delta R.T. 0.43 min
Lab File: BG045294.D
Acq: 11 May 2020 13:24

Instrument :
BNA_G
ClientSampleId :
PB128734BL

Tgt Ion:165 Resp: 20931

Ion	Ratio	Lower	Upper
165	100		
63	0.0	40.4	60.6#
89	2.0	49.1	73.7#

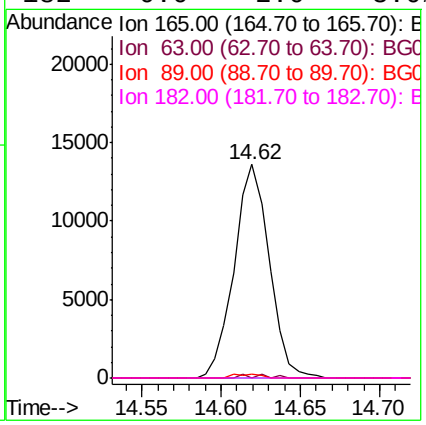


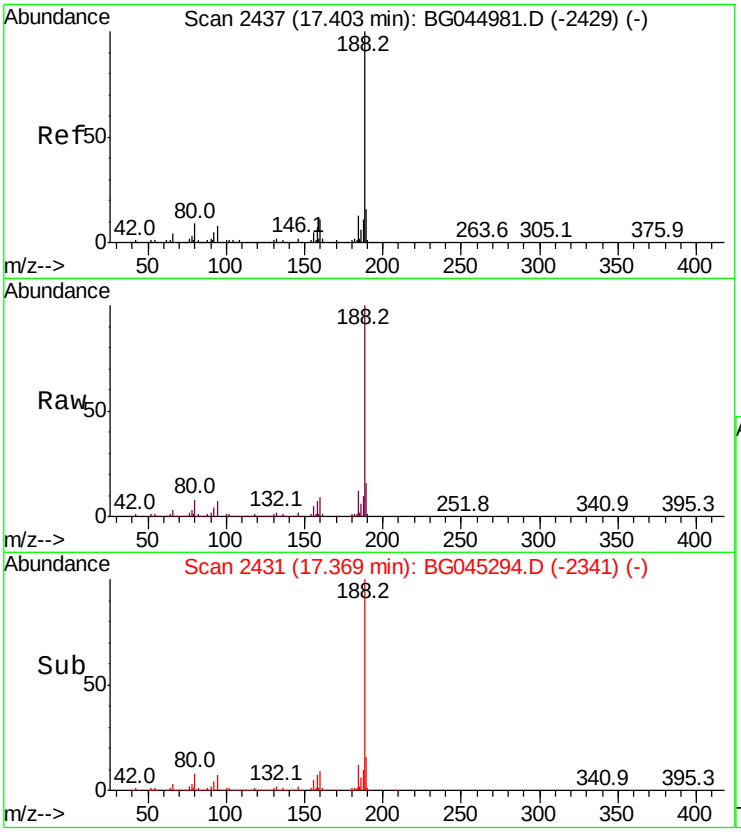


#57
2,4-Dinitrotoluene
Concen: 4.840 ng
RT: 14.62 min Scan# 1963
Delta R.T. -0.36 min
Lab File: BG045294.D
Acq: 11 May 2020 13:24

Tgt Ion:165 Resp: 20931

Ion	Ratio	Lower	Upper
165	100		
63	0.0	32.2	48.2#
89	2.0	61.7	92.5#
182	0.0	2.0	3.0#



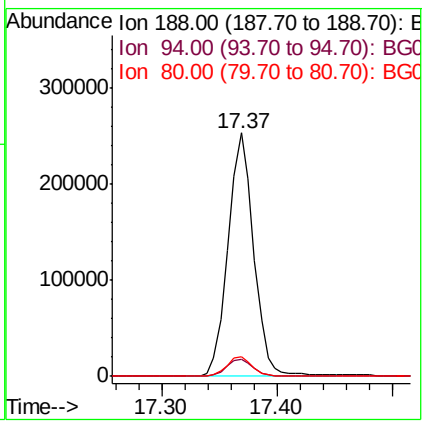


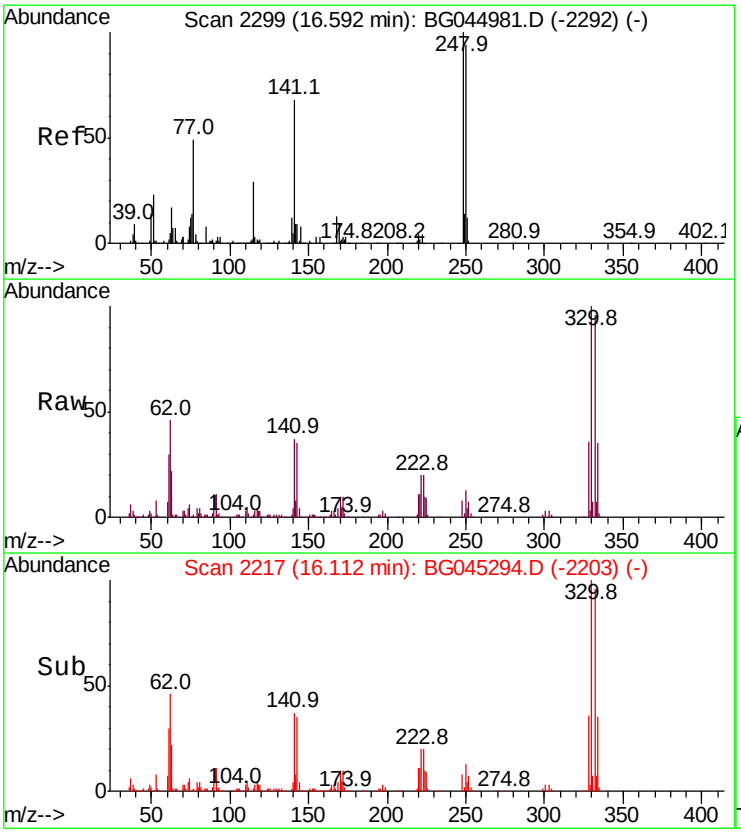
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.37 min Scan# 2431
Delta R.T. -0.00 min
Lab File: BG045294.D
Acq: 11 May 2020 13:24

Instrument :
BNA_G
ClientSampleId :
PB128734BL

Tgt Ion:188 Resp: 390778

Ion	Ratio	Lower	Upper
188	100		
94	6.9	6.2	9.4
80	8.1	7.0	10.6

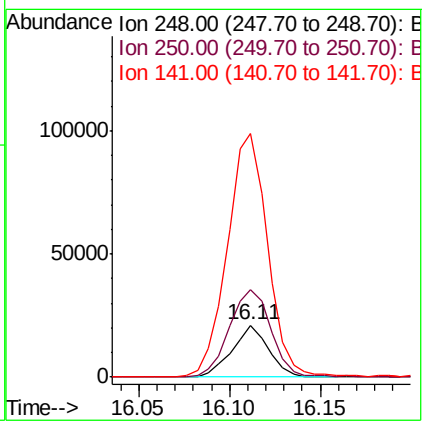


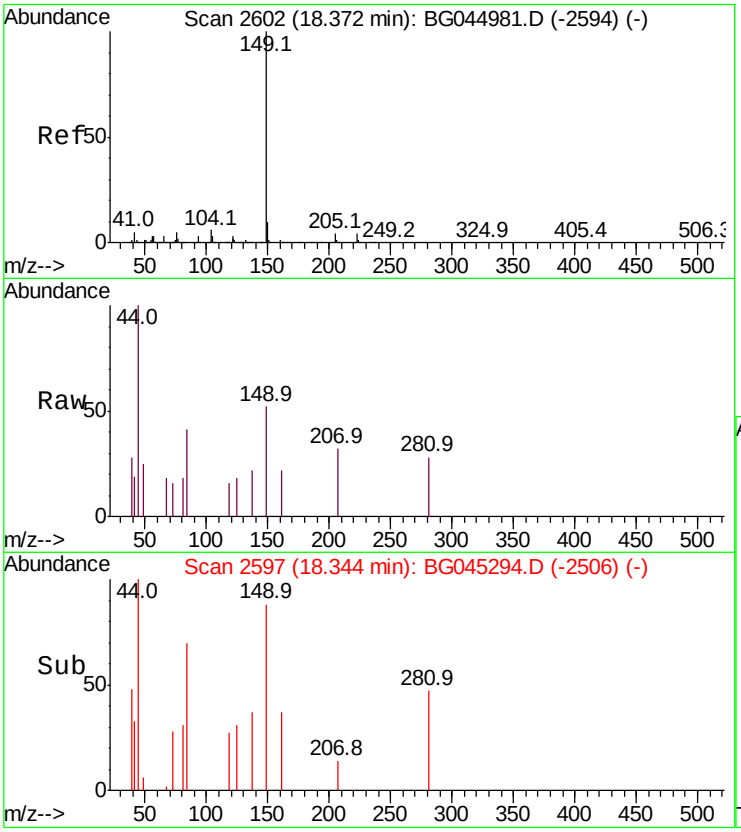


#67
4-Bromophenyl-phenylether
Concen: 5.831 ng
RT: 16.11 min Scan# 2217
Delta R.T. -0.45 min
Lab File: BG045294.D
Acq: 11 May 2020 13:24

Tgt Ion:248 Resp: 29397

Ion	Ratio	Lower	Upper
248	100		
250	167.9	75.4	113.2#
141	468.3	54.4	81.6#



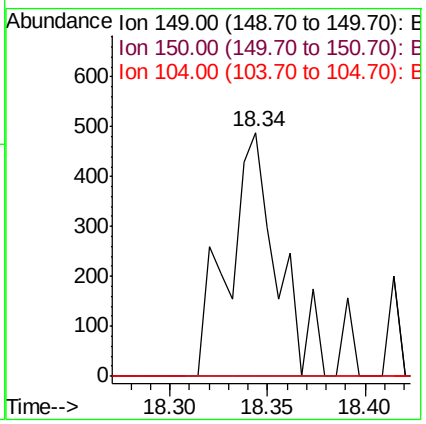


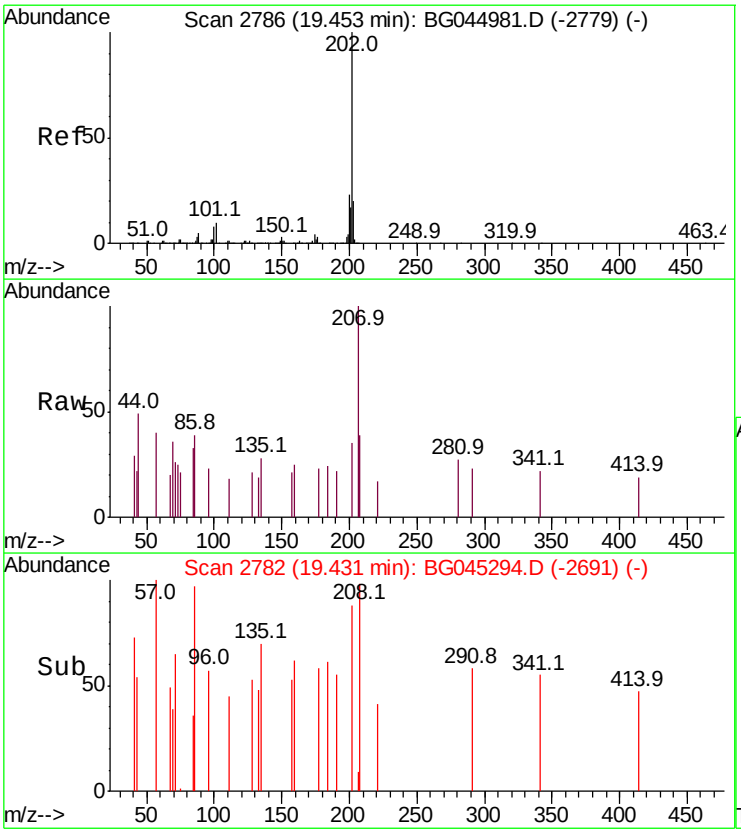
#74
Di-n-butylphthalate
Concen: Below Cal
RT: 18.34 min Scan# 2597
Delta R.T. 0.01 min
Lab File: BG045294.D
Acq: 11 May 2020 13:24

Instrument : BNA_G
ClientSampleId : PB128734BL

Tgt Ion:149 Resp: 850

Ion	Ratio	Lower	Upper
149	100		
150	0.0	8.2	12.2#
104	0.0	4.8	7.2#

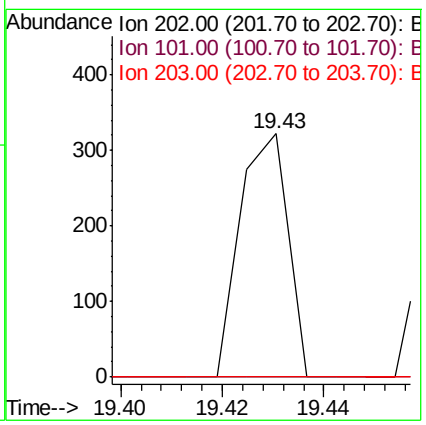


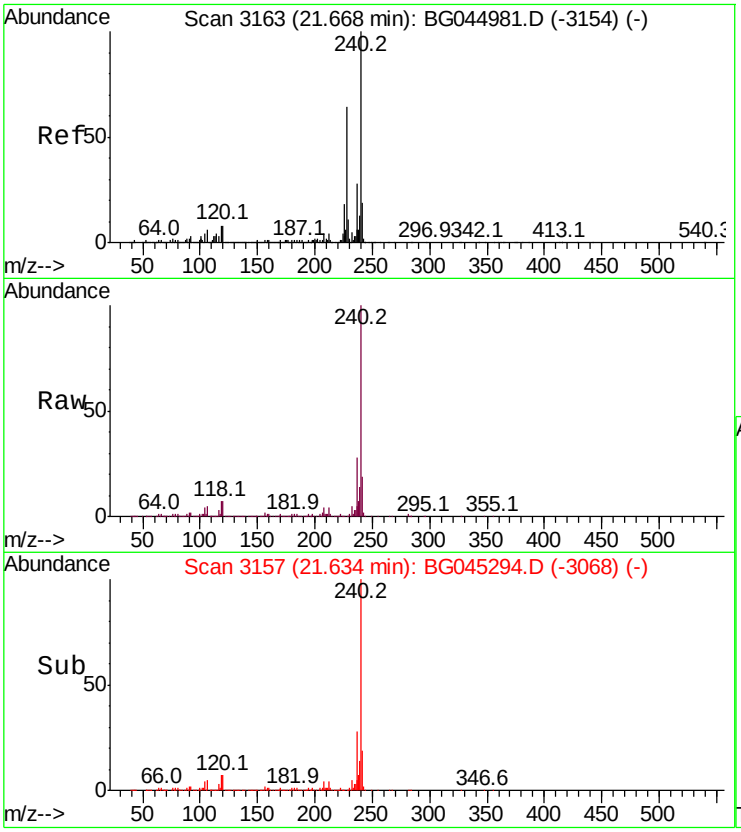


#75
Fluoranthene
Concen: Below Cal
RT: 19.43 min Scan# 2782
Delta R.T. 0.01 min
Lab File: BG045294.D
Acq: 11 May 2020 13:24

Tgt Ion:202 Resp: 210

Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	29.6
203	0.0	0.0	39.7



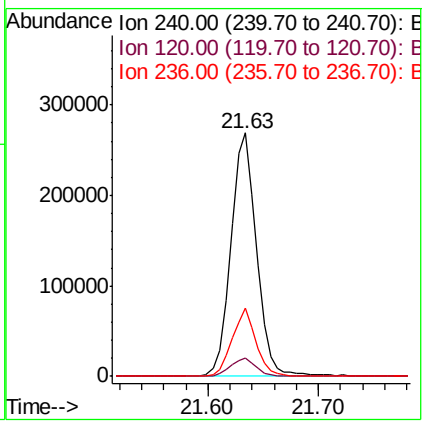


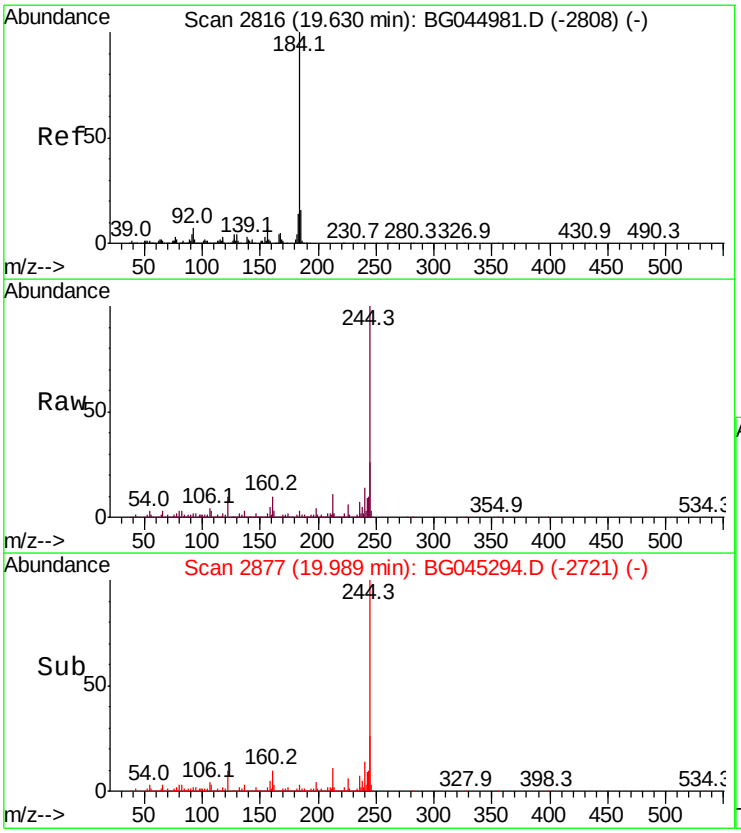
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.63 min Scan# 3157
Delta R.T. -0.01 min
Lab File: BG045294.D
Acq: 11 May 2020 13:24

Instrument :
BNA_G
ClientSampleId :
PB128734BL

Tgt Ion:240 Resp: 438091

Ion	Ratio	Lower	Upper
240	100		
120	7.4	6.6	10.0
236	28.2	22.2	33.2

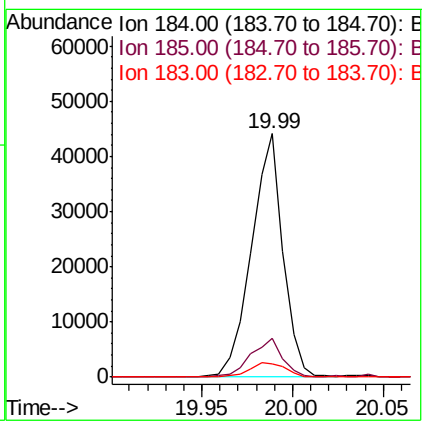


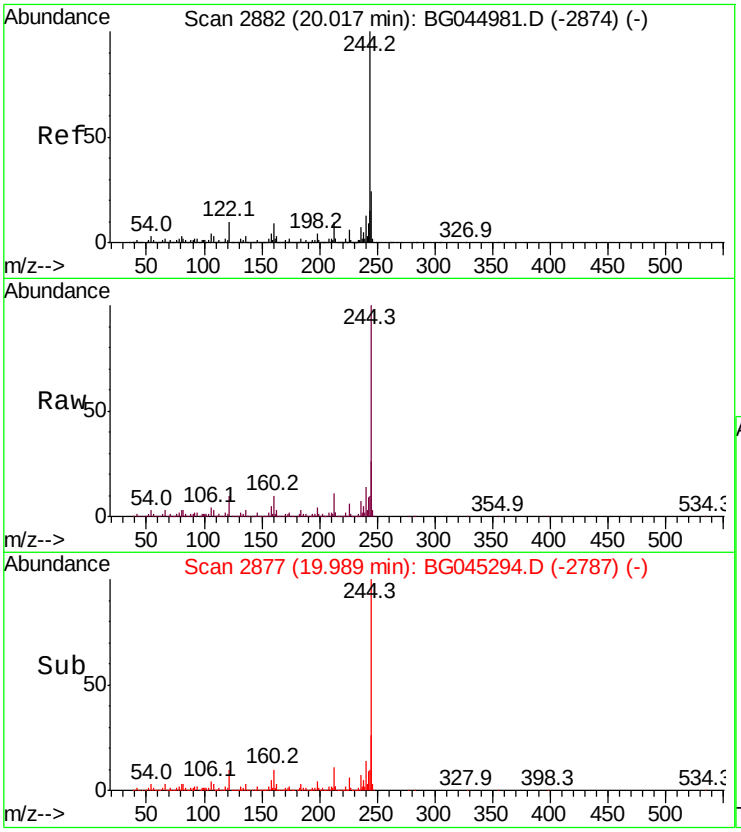


#77
Benzidine
Concen: Below Cal
RT: 19.99 min Scan# 2877
Delta R.T. 0.39 min
Lab File: BG045294.D
Acq: 11 May 2020 13:24

Tgt Ion:184 Resp: 53107

Ion	Ratio	Lower	Upper
184	100		
185	16.0	12.6	19.0
183	5.6	11.3	16.9#



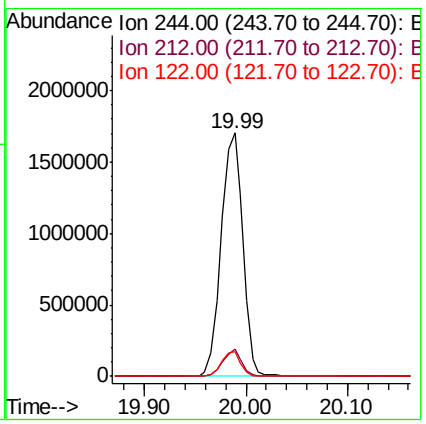


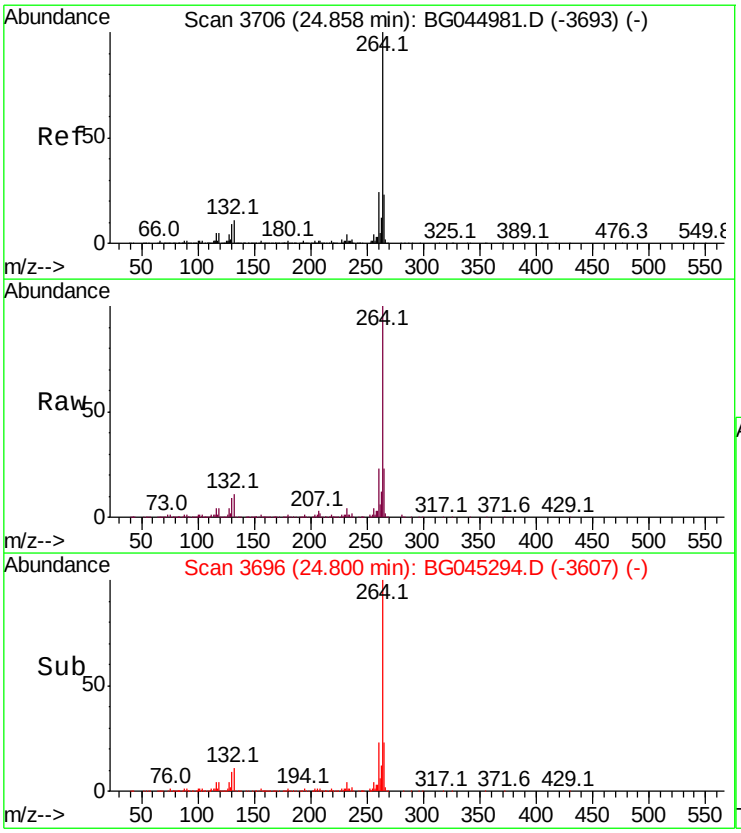
#79
Terphenyl-d14
Concen: 125.822 ng
RT: 19.99 min Scan# 2877
Delta R.T. -0.00 min
Lab File: BG045294.D
Acq: 11 May 2020 13:24

Instrument :
BNA_G
ClientSampleId :
PB128734BL

Tgt Ion:244 Resp: 2529009

Ion	Ratio	Lower	Upper
244	100		
212	11.0	7.9	11.9
122	10.1	7.7	11.5





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.80 min Scan# 3696
Delta R.T. -0.01 min
Lab File: BG045294.D
Acq: 11 May 2020 13:24

Tgt Ion:264 Resp: 479385

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	23.0	19.0	28.4