Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG051220\
Data File : BG045356.D
Acq On : 13 May 2020 11:00
Operator : CG/JU
Sample : PB128795TB
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB128795TB

Quant Time: May 13 11:44:00 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 13 11:40:01 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	63776	20.00	ng	0.00
21) Naphthalene-d8	10.78	136	257284	20.00	ng	0.00
39) Acenaphthene-d10	14.61	164	176079	20.00	ng	0.00
64) Phenanthrene-d10	17.36	188	429771	20.00	ng	0.00
76) Chrysene-d12	21.62	240	467540	20.00	ng	0.00
87) Perylene-d12	24.78	264	496502	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	398476	103.15	ng	0.00
7) Phenol-d6	7.14	99	568274	99.01	ng	0.00
23) Nitrobenzene-d5	9.13	82	395577	70.15	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	296693	109.07	ng	0.00
45) 2-Fluorobiphenyl	13.23	172	886517	73.83	ng	0.00
79) Terphenyl-d14	19.98	244	1726219	80.47	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.13	77	982	Below Cal	#	4
19) n-Nitroso-di-n-propylamine	9.13	70	51062	12.580	ng	# 80
51) 2,6-Dinitrotoluene	14.61	165	23545	7.342	ng	# 25
57) 2,4-Dinitrotoluene	14.61	165	23545	5.024	ng	# 22
67) 4-Bromophenyl-phenylether	16.11	248	19871	3.584	ng	# 1
74) Di-n-butylphthalate	18.32	149	442	Below Cal	#	76
75) Fluoranthene	19.27	202	59	Below Cal		62
77) Benzidine	19.97	184	32297	Below Cal	#	91

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

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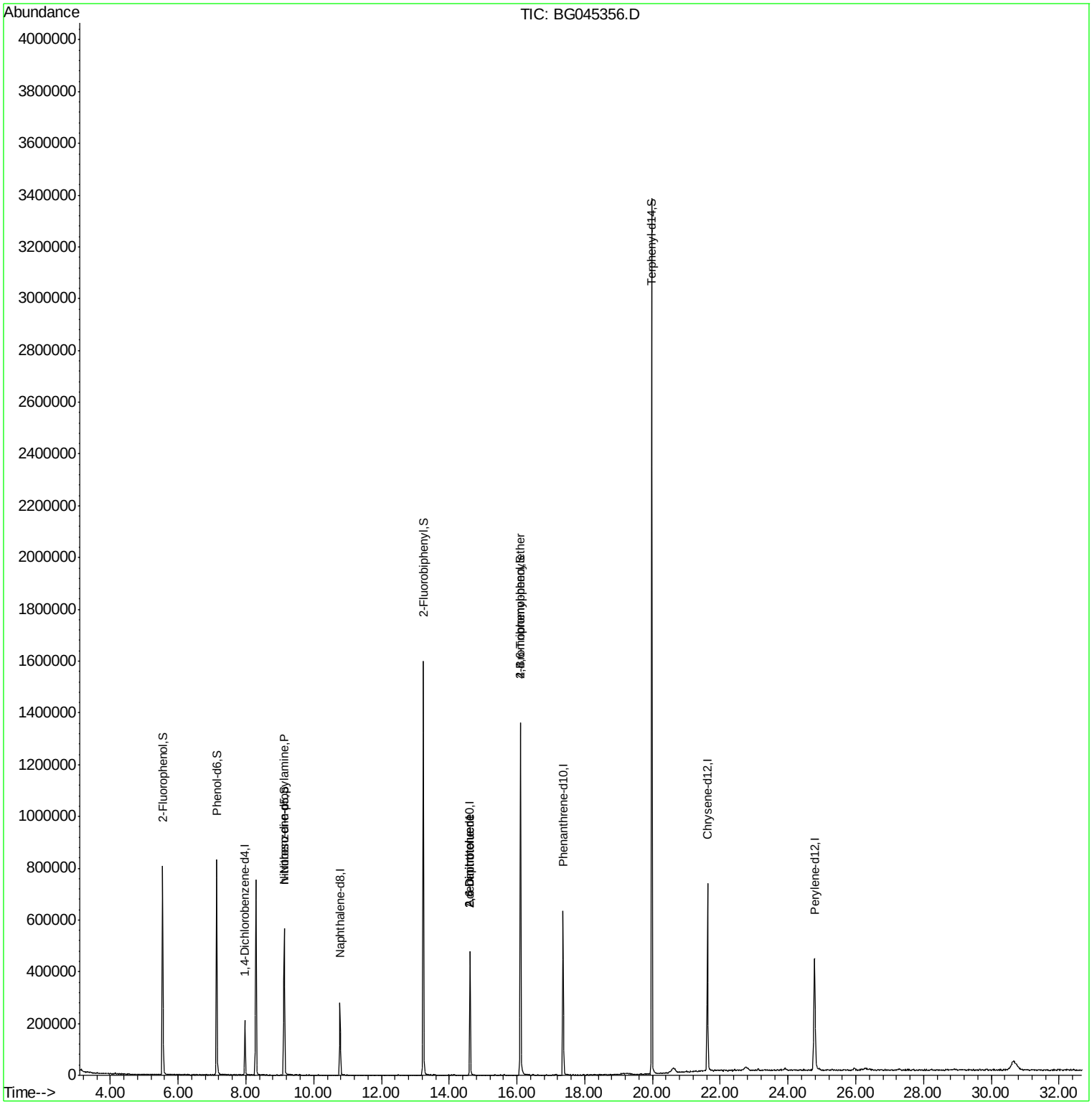
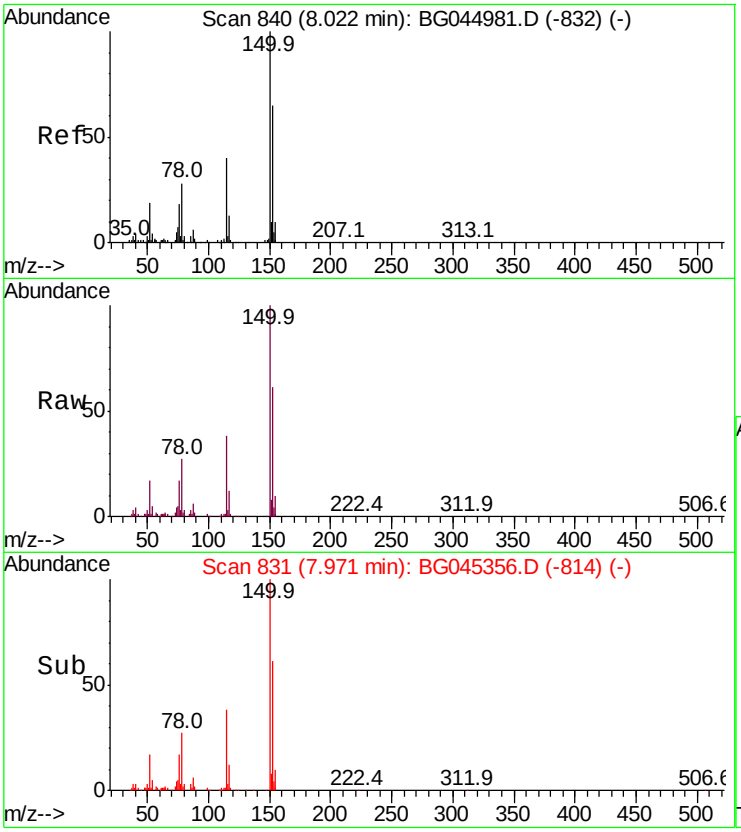


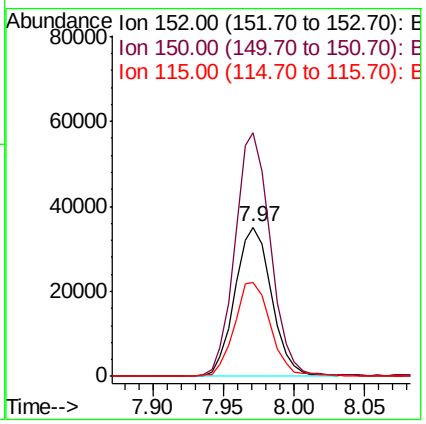


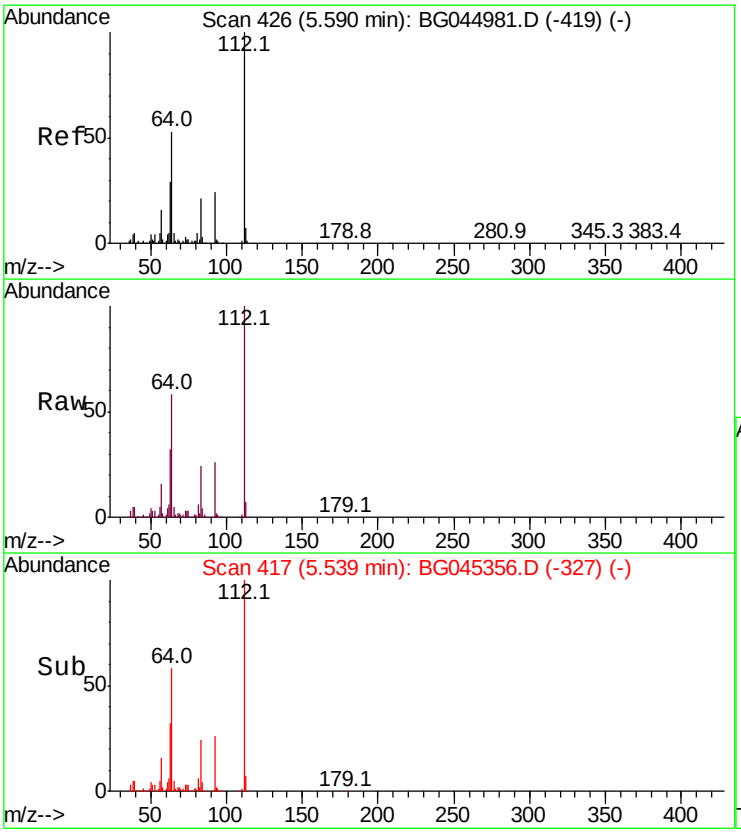
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.97 min Scan# 831
Delta R.T. -0.00 min
Lab File: BG045356.D
Acq: 13 May 2020 11:00

Instrument :
BNA_G
ClientSampleId :
PB128795TB

Tgt Ion:152 Resp: 63776

Ion	Ratio	Lower	Upper
152	100		
150	162.8	123.6	185.4
115	62.5	49.1	73.7

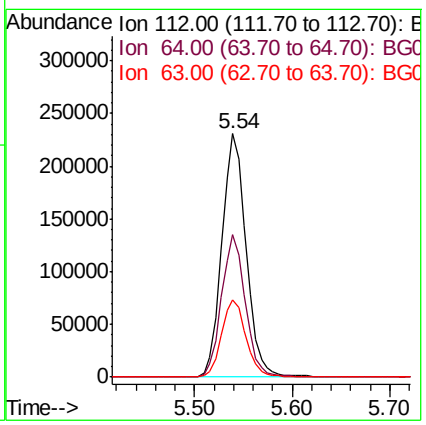


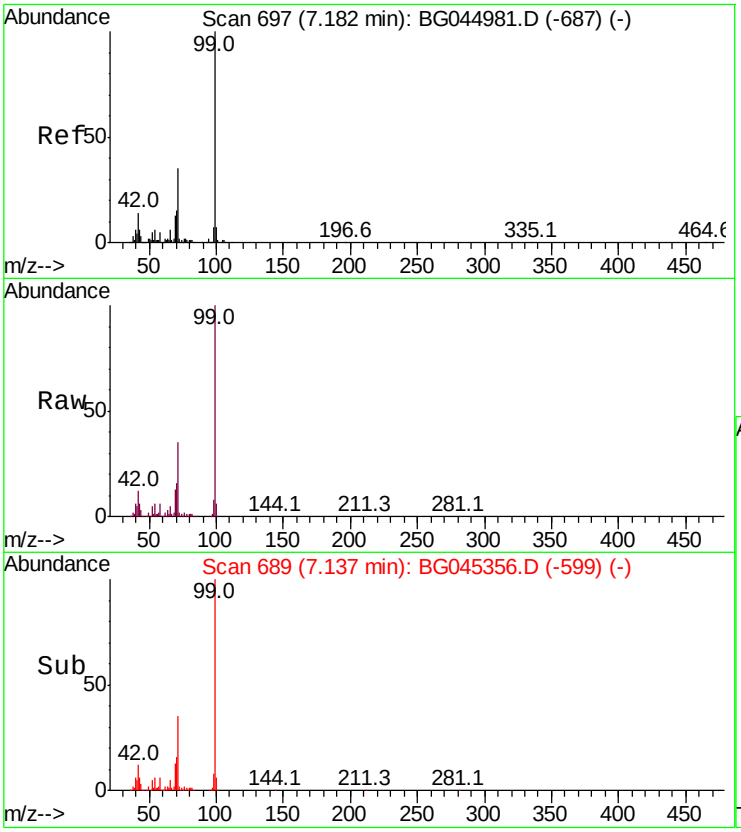


#5
2-Fluorophenol
Concen: 103.152 ng
RT: 5.54 min Scan# 417
Delta R.T. -0.00 min
Lab File: BG045356.D
Acq: 13 May 2020 11:00

Tgt Ion:112 Resp: 398476

Ion	Ratio	Lower	Upper
112	100		
64	58.4	42.4	63.6
63	31.7	23.1	34.7



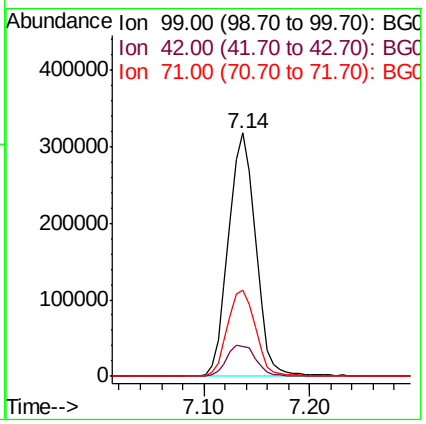


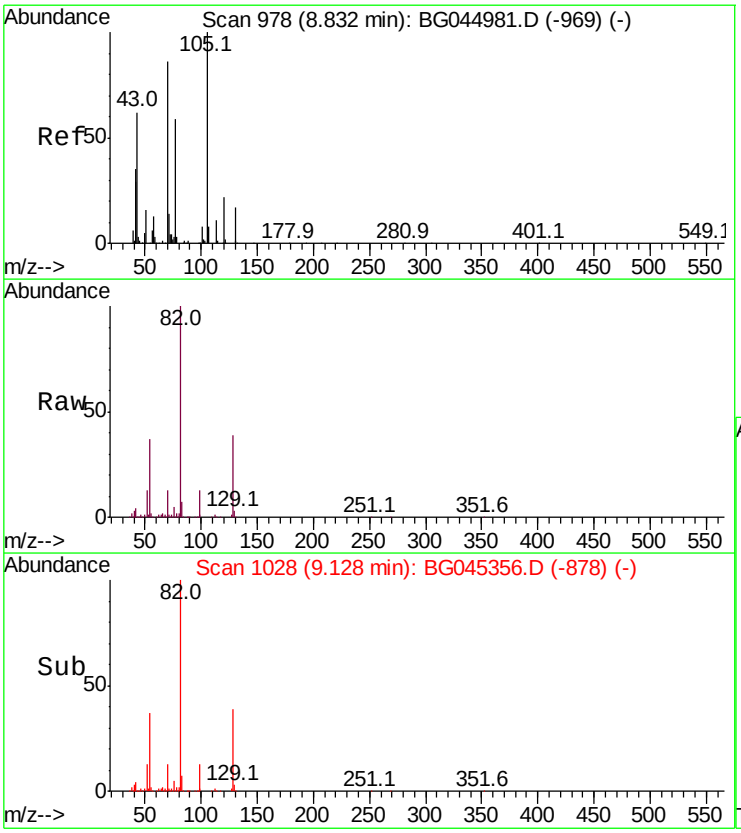
#7
Phenol-d6
Concen: 99.012 ng
RT: 7.14 min Scan# 689
Delta R.T. -0.00 min
Lab File: BG045356.D
Acq: 13 May 2020 11:00

Instrument :
BNA_G
ClientSampleId :
PB128795TB

Tgt Ion: 99 Resp: 568274

Ion	Ratio	Lower	Upper
99	100		
42	12.3	11.3	16.9
71	35.1	28.3	42.5

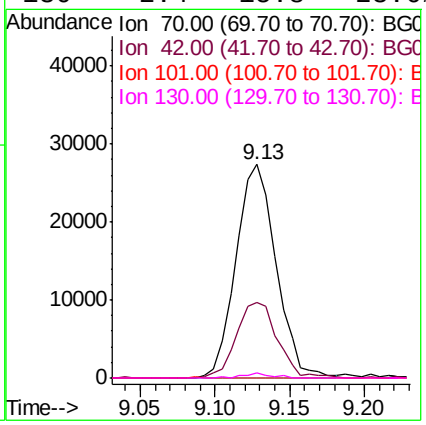


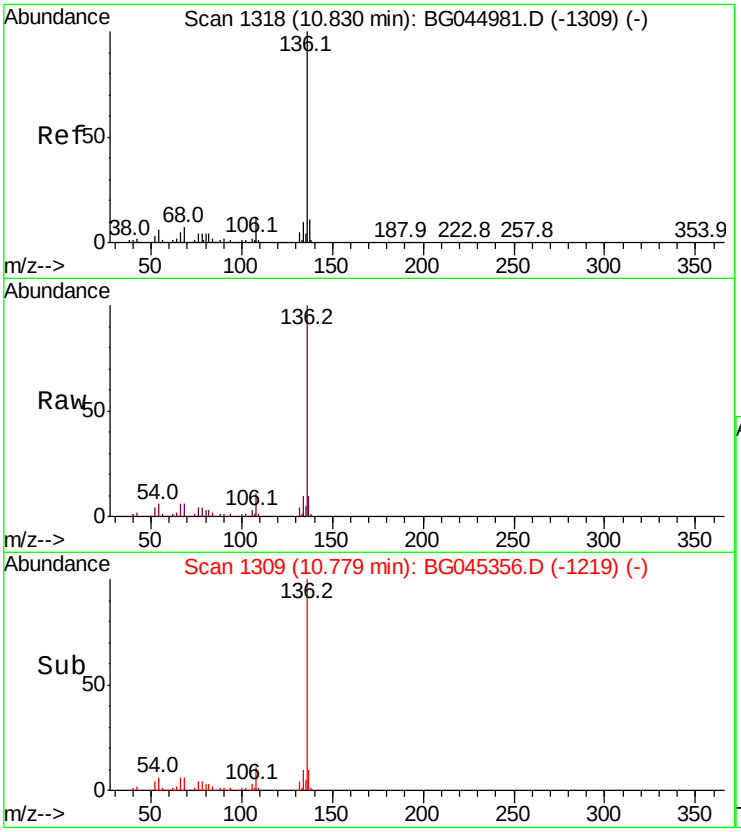


#19
n-Nitroso-di-n-propylamine
Concen: 12.580 ng
RT: 9.13 min Scan# 1028
Delta R.T. 0.35 min
Lab File: BG045356.D
Acq: 13 May 2020 11:00

Tgt Ion: 70 Resp: 51062

Ion	Ratio	Lower	Upper
70	100		
42	35.4	33.3	49.9
101	0.0	7.8	11.8#
130	2.4	15.8	23.6#



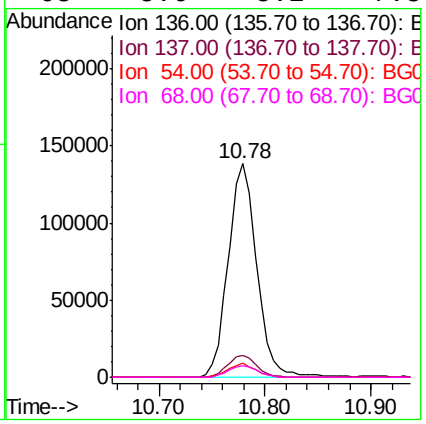


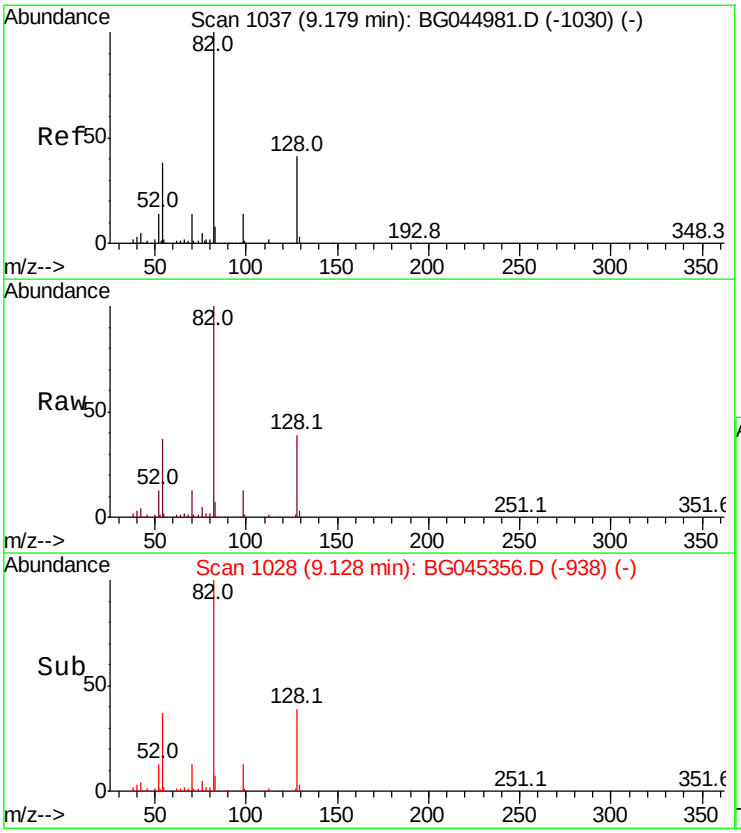
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.78 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BG045356.D
Acq: 13 May 2020 11:00

Instrument :
BNA_G
ClientSampleId :
PB128795TB

Tgt Ion:136 Resp: 257284

Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.6	13.0
54	6.4	4.8	7.2
68	5.6	5.2	7.8

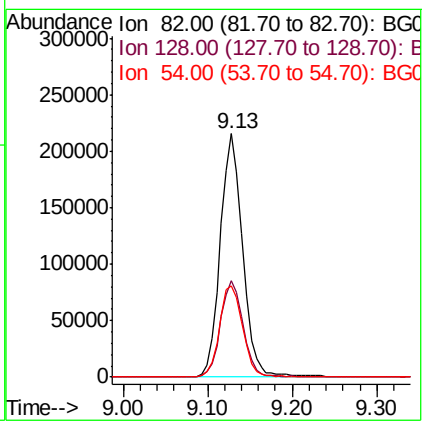


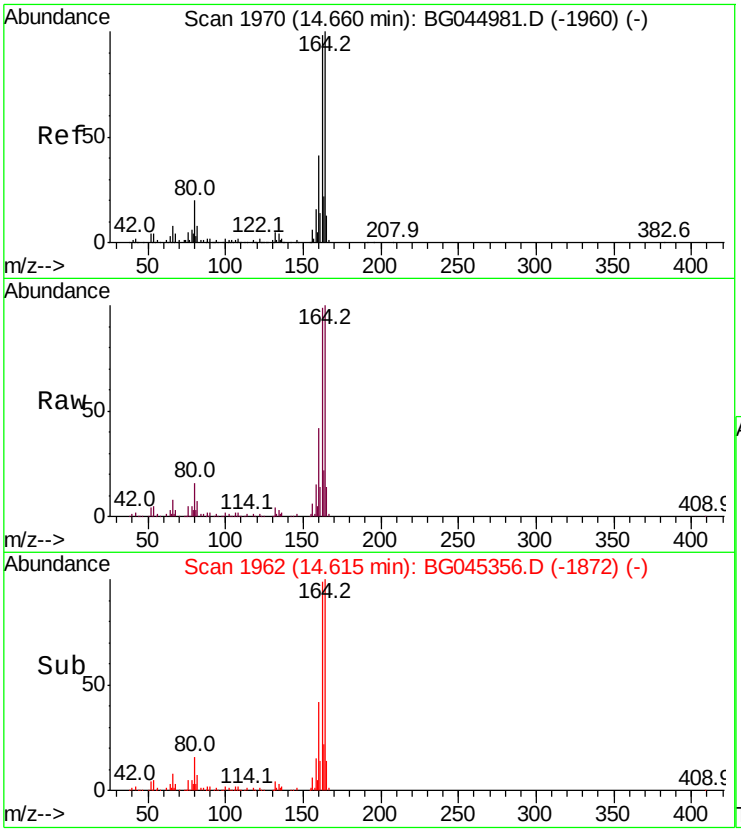


#23
Nitrobenzene-d5
Concen: 70.155 ng
RT: 9.13 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BG045356.D
Acq: 13 May 2020 11:00

Tgt Ion: 82 Resp: 395577

Ion	Ratio	Lower	Upper
82	100		
128	39.5	33.0	49.4
54	37.4	30.4	45.6



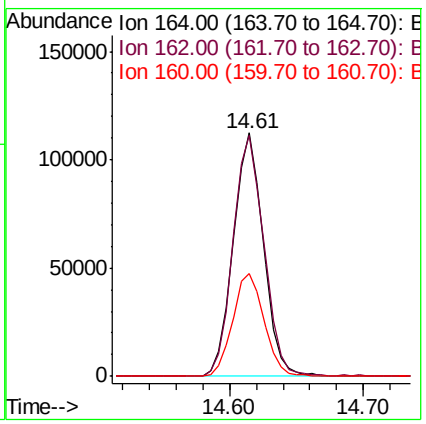


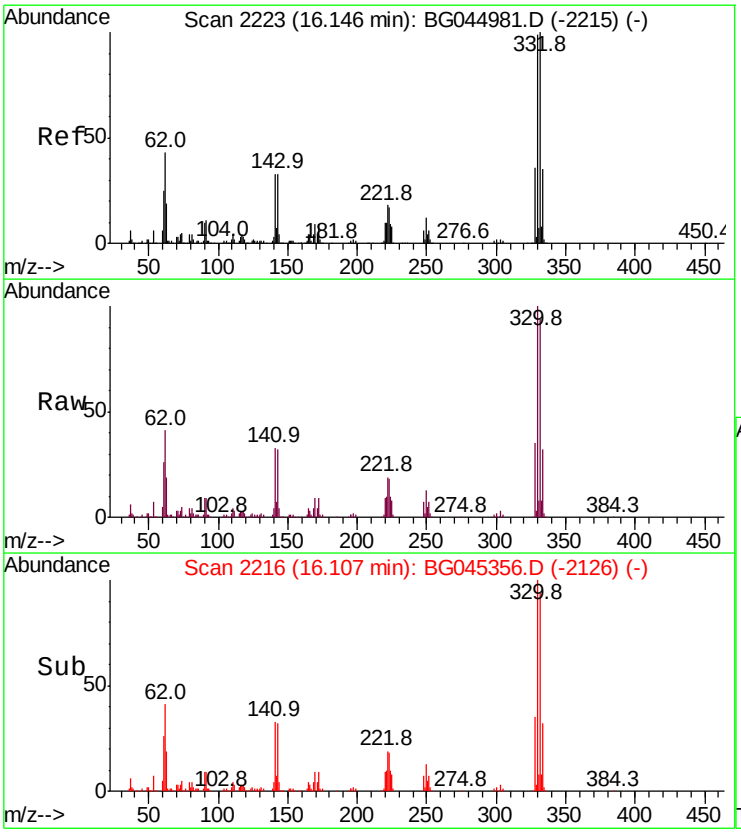
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.61 min Scan# 1962
Delta R.T. -0.00 min
Lab File: BG045356.D
Acq: 13 May 2020 11:00

Instrument :
BNA_G
ClientSampleId :
PB128795TB

Tgt Ion:164 Resp: 176079

Ion	Ratio	Lower	Upper
164	100		
162	99.2	78.7	118.1
160	42.3	32.8	49.2

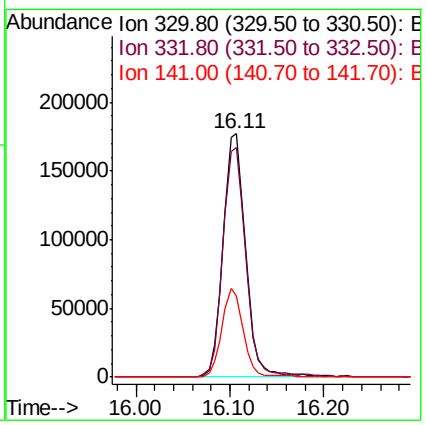


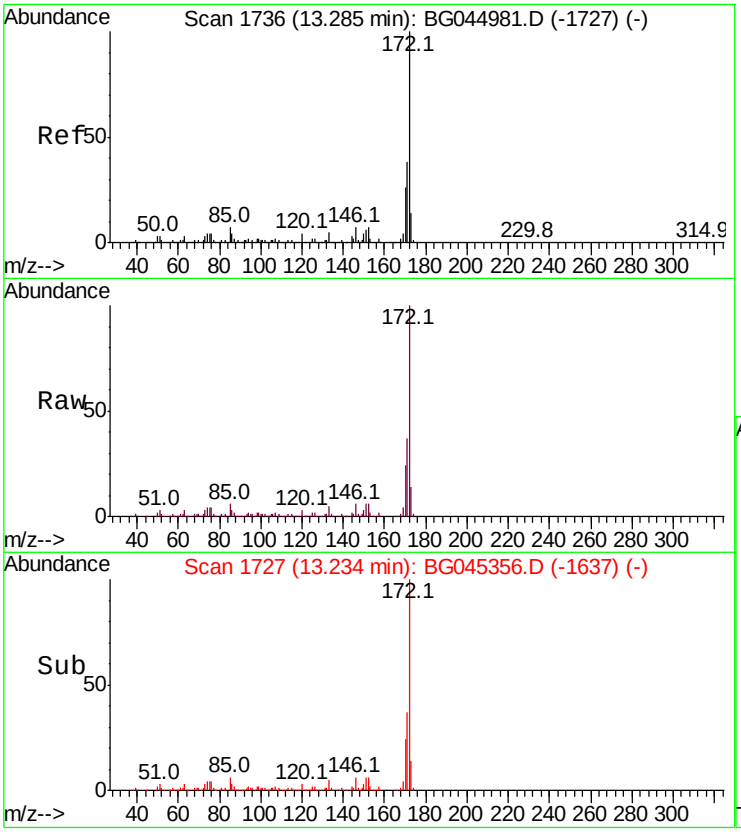


#42
2,4,6-Tribromophenol
Concen: 109.071 ng
RT: 16.11 min Scan# 2216
Delta R.T. -0.00 min
Lab File: BG045356.D
Acq: 13 May 2020 11:00

Tgt Ion:330 Resp: 296693

Ion	Ratio	Lower	Upper
330	100		
332	96.4	79.1	118.7
141	34.8	27.1	40.7



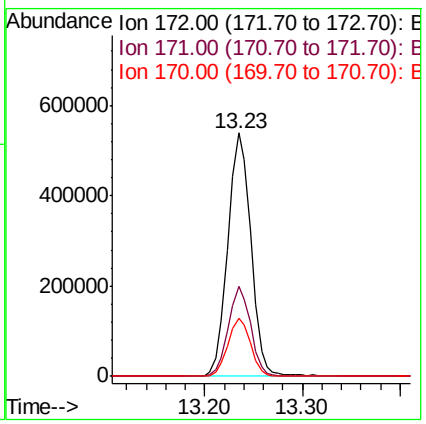


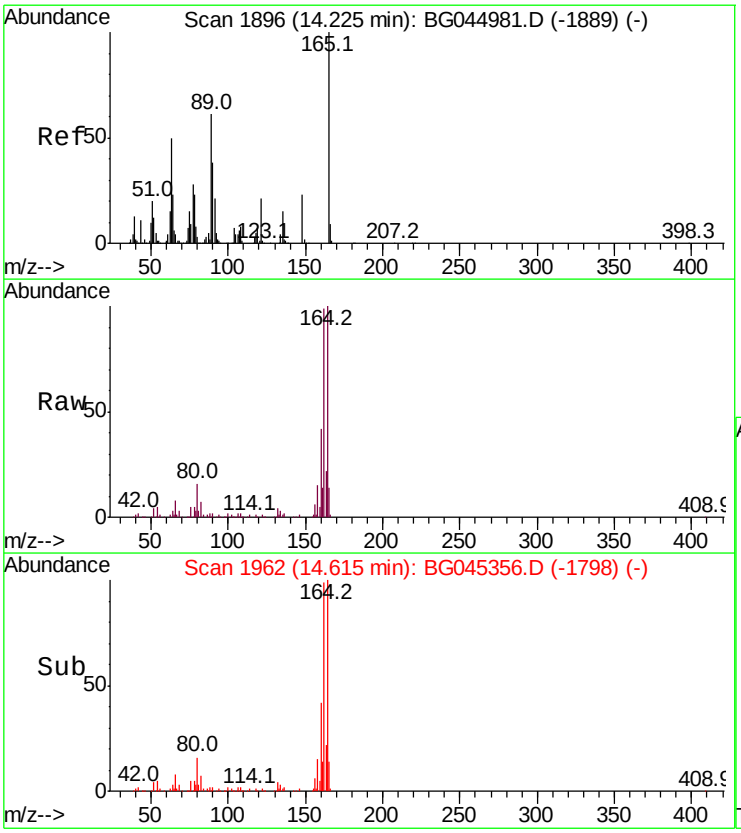
#45
2-Fluorobiphenyl
Concen: 73.826 ng
RT: 13.23 min Scan# 1727
Delta R.T. -0.00 min
Lab File: BG045356.D
Acq: 13 May 2020 11:00

Instrument :
BNA_G
ClientSampleId :
PB128795TB

Tgt Ion:172 Resp: 886517

Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.6	46.0
170	23.8	20.5	30.7

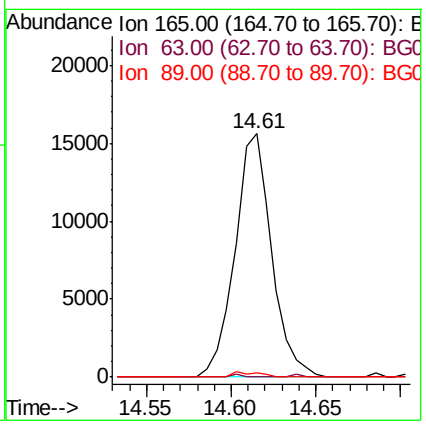


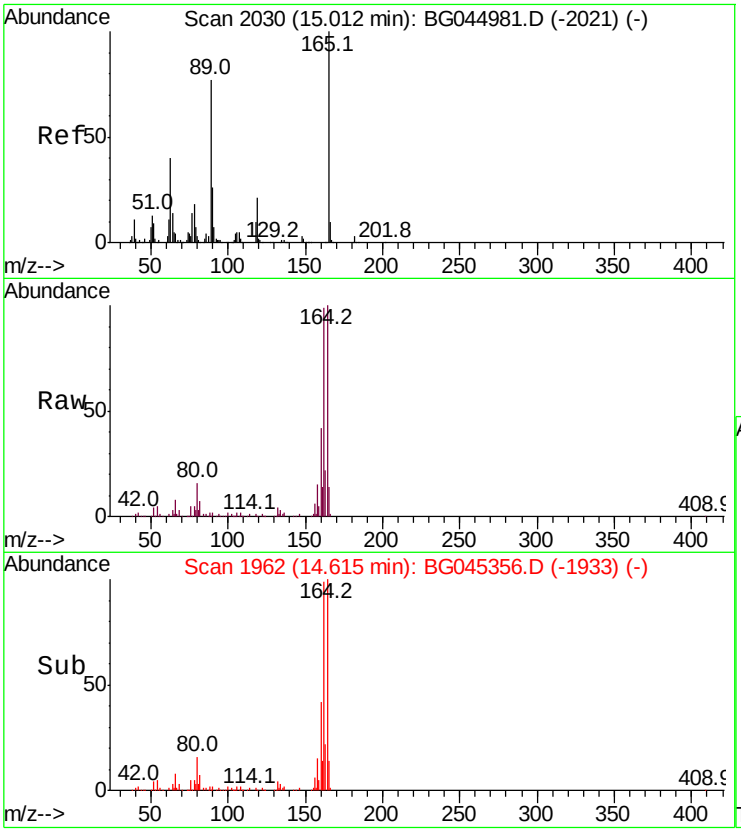


#51
2,6-Dinitrotoluene
Concen: 7.342 ng
RT: 14.61 min Scan# 1962
Delta R.T. 0.43 min
Lab File: BG045356.D
Acq: 13 May 2020 11:00

Tgt Ion:165 Resp: 23545

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



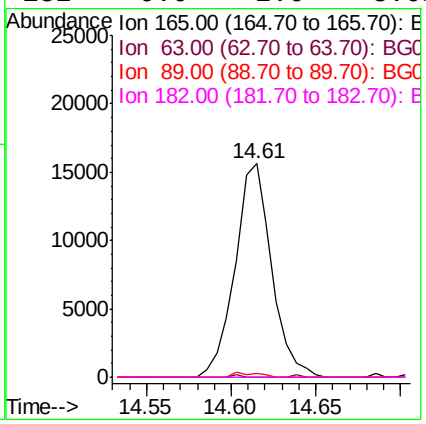


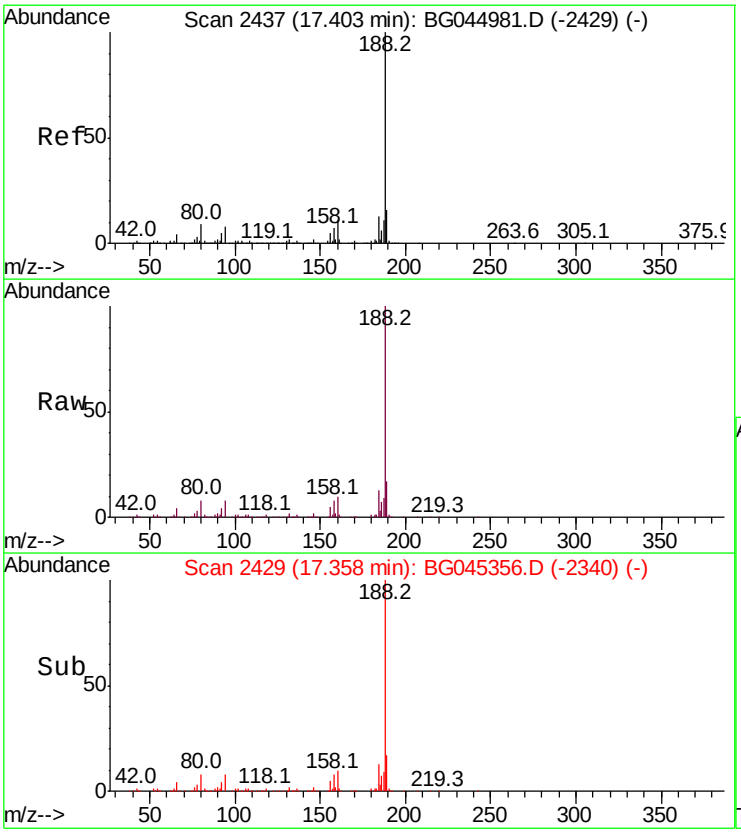
#57
2,4-Dinitrotoluene
Concen: 5.024 ng
RT: 14.61 min Scan# 1962
Delta R.T. -0.36 min
Lab File: BG045356.D
Acq: 13 May 2020 11:00

Instrument :
BNA_G
ClientSampleId :
PB128795TB

Tgt Ion:165 Resp: 23545

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#

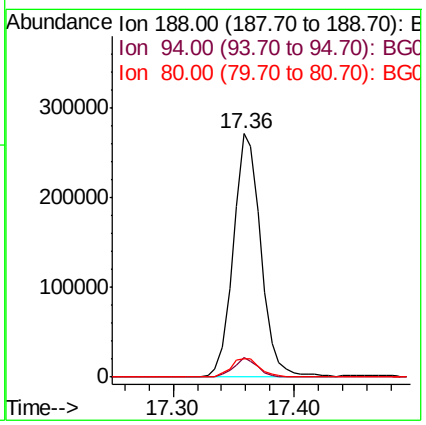


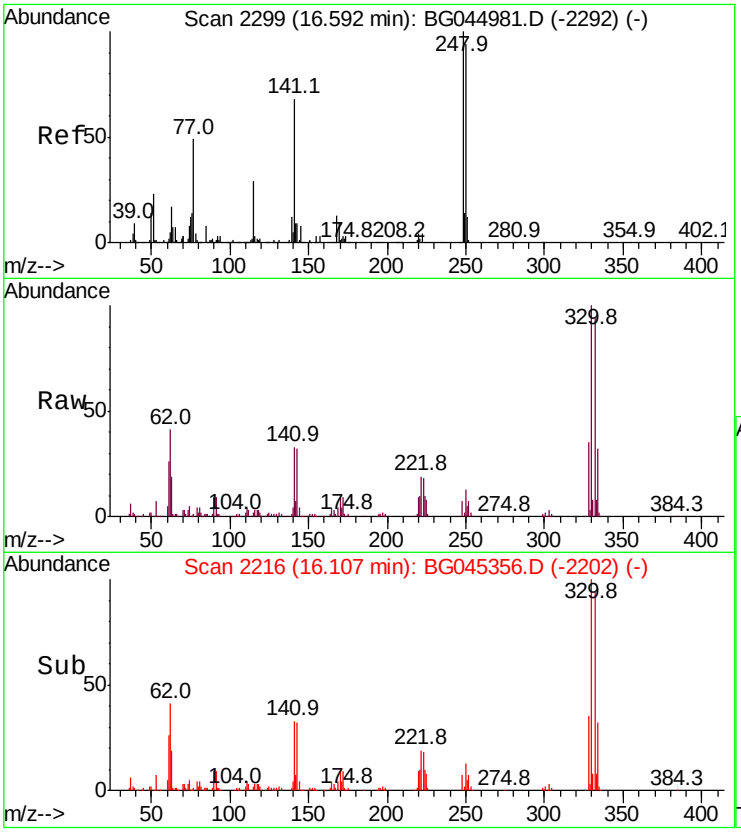


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.36 min Scan# 2429
Delta R.T. -0.01 min
Lab File: BG045356.D
Acq: 13 May 2020 11:00

Tgt Ion:188 Resp: 429771

Ion	Ratio	Lower	Upper
188	100		
94	7.9	6.2	9.4
80	7.6	7.0	10.6



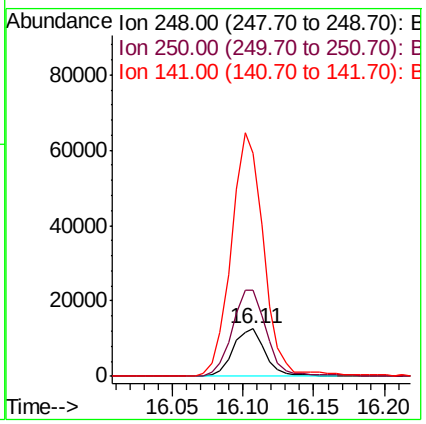


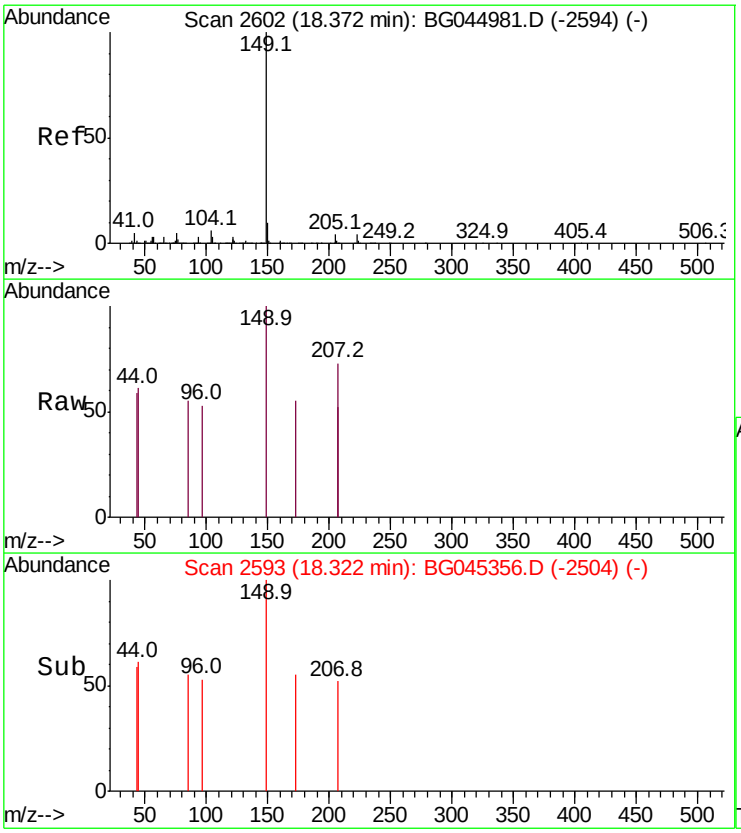
#67
4-Bromophenyl-phenylether
Concen: 3.584 ng
RT: 16.11 min Scan# 2216
Delta R.T. -0.45 min
Lab File: BG045356.D
Acq: 13 May 2020 11:00

Instrument :
BNA_G
ClientSampleId :
PB128795TB

Tgt Ion:248 Resp: 19871

Ion	Ratio	Lower	Upper
248	100		
250	182.7	75.4	113.2#
141	470.3	54.4	81.6#

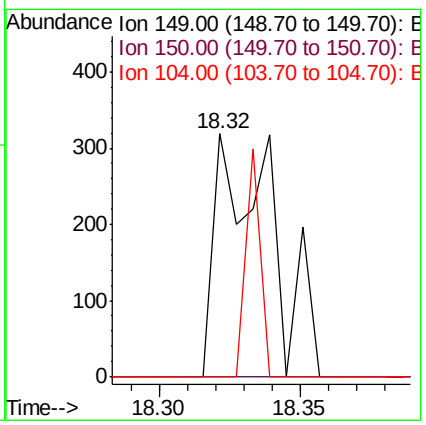


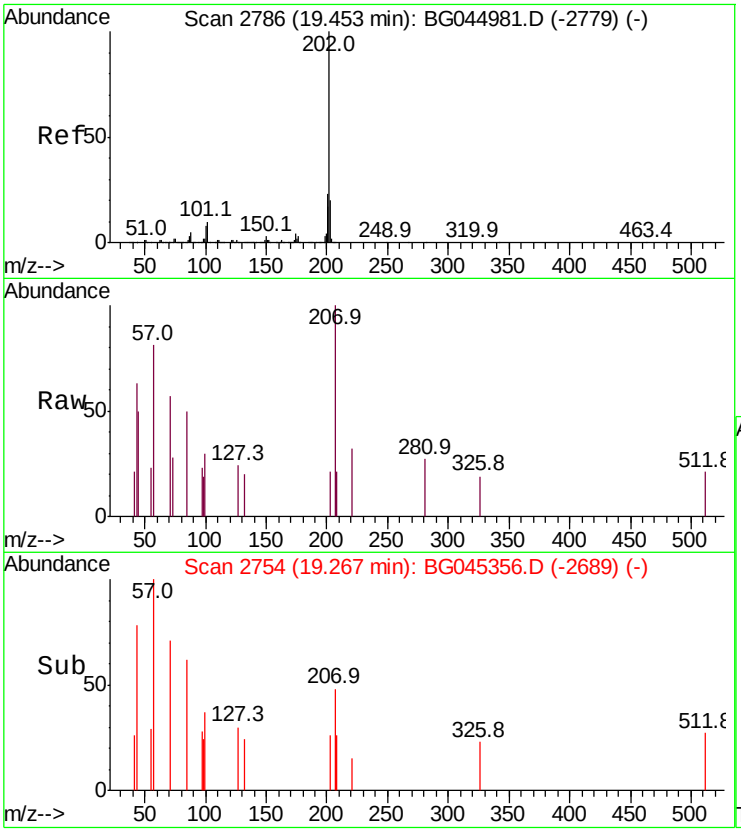


#74
Di-n-butylphthalate
Concen: Below Cal
RT: 18.32 min Scan# 2593
Delta R.T. -0.01 min
Lab File: BG045356.D
Acq: 13 May 2020 11:00

Tgt Ion:149 Resp: 442

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



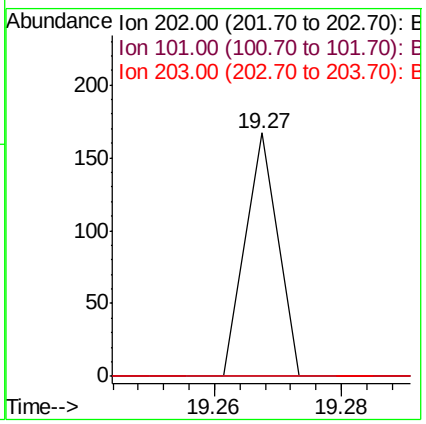


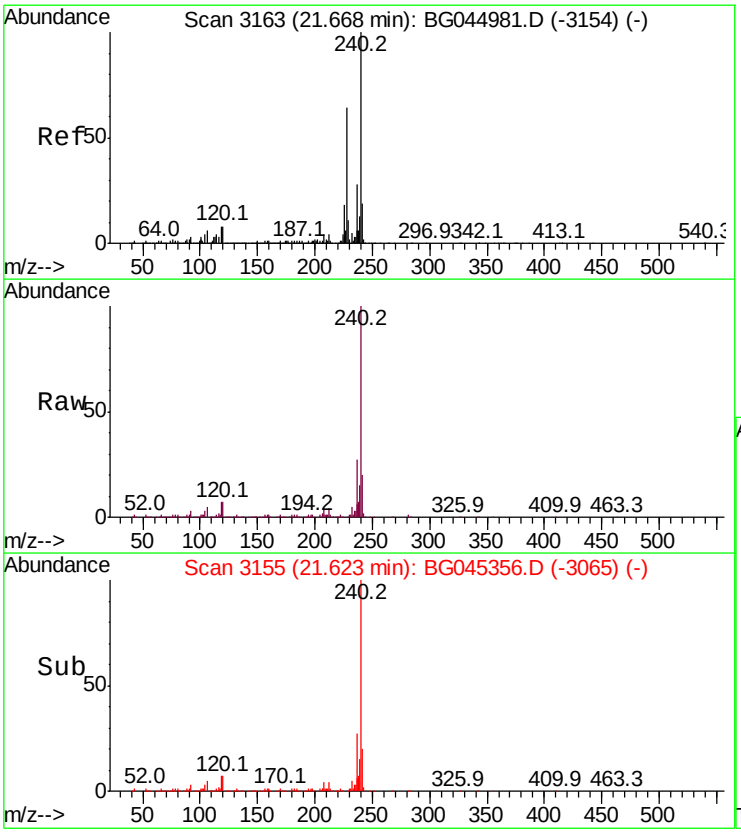
#75
Fluoranthene
Concen: Below Cal
RT: 19.27 min Scan# 2754
Delta R.T. -0.15 min
Lab File: BG045356.D
Acq: 13 May 2020 11:00

Instrument :
BNA_G
ClientSampleId :
PB128795TB

Tgt Ion:202 Resp: 59

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

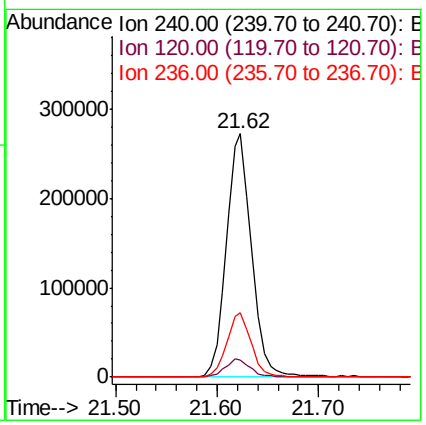


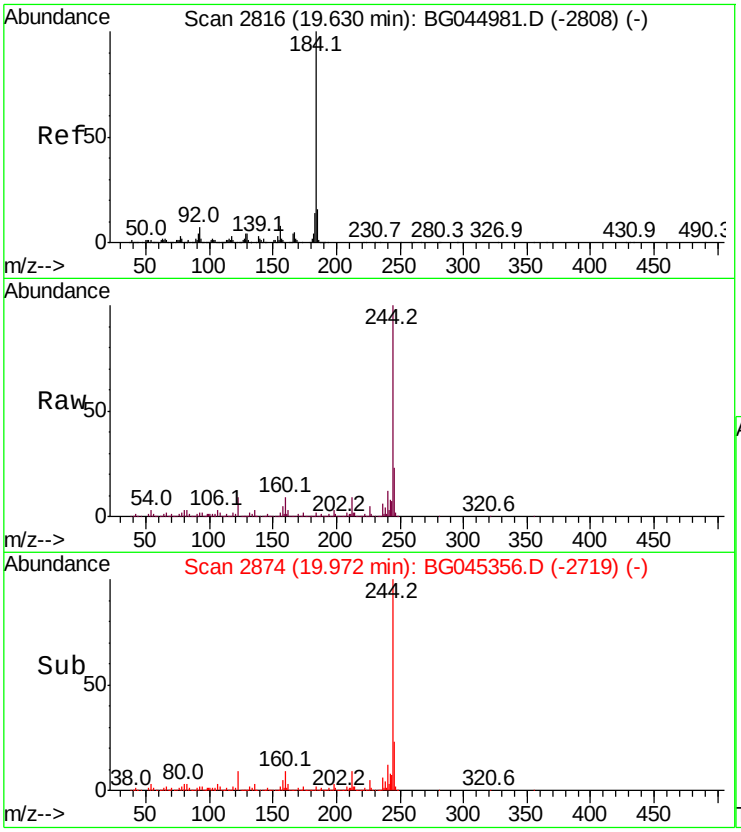


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.62 min Scan# 3155
Delta R.T. -0.00 min
Lab File: BG045356.D
Acq: 13 May 2020 11:00

Tgt Ion:240 Resp: 467540

Ion	Ratio	Lower	Upper
240	100		
120	7.3	6.6	10.0
236	26.6	22.2	33.2



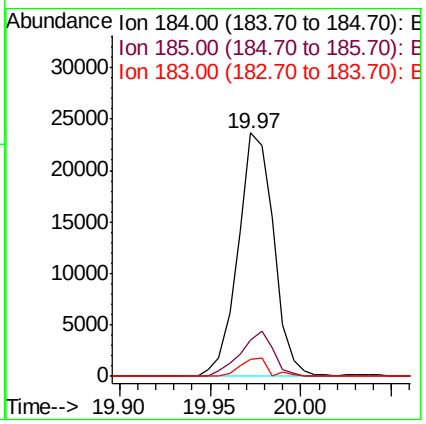


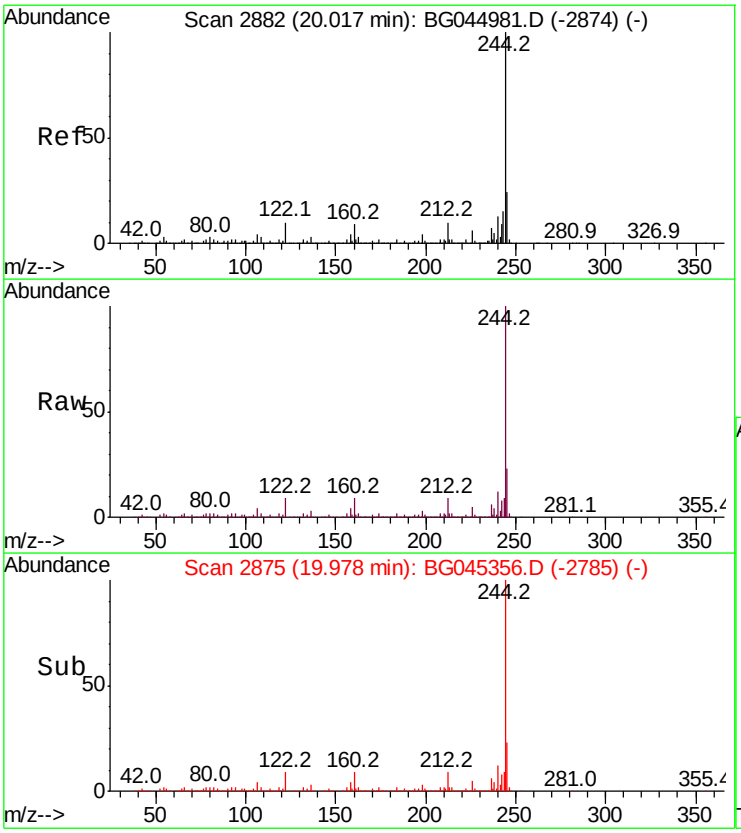
#77
Benzidine
Concen: Below Cal
RT: 19.97 min Scan# 2874
Delta R.T. 0.38 min
Lab File: BG045356.D
Acq: 13 May 2020 11:00

Instrument :
BNA_G
ClientSampleId :
PB128795TB

Tgt Ion:184 Resp: 32297

Ion	Ratio	Lower	Upper
184	100		
185	15.1	12.6	19.0
183	7.2	11.3	16.9#

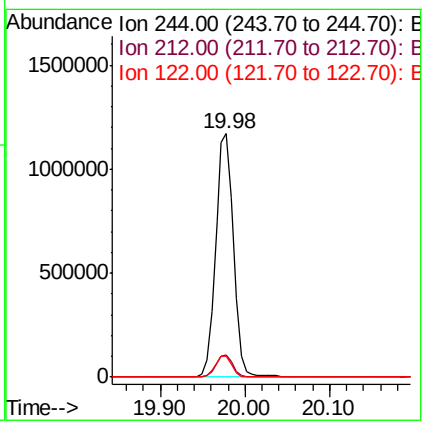


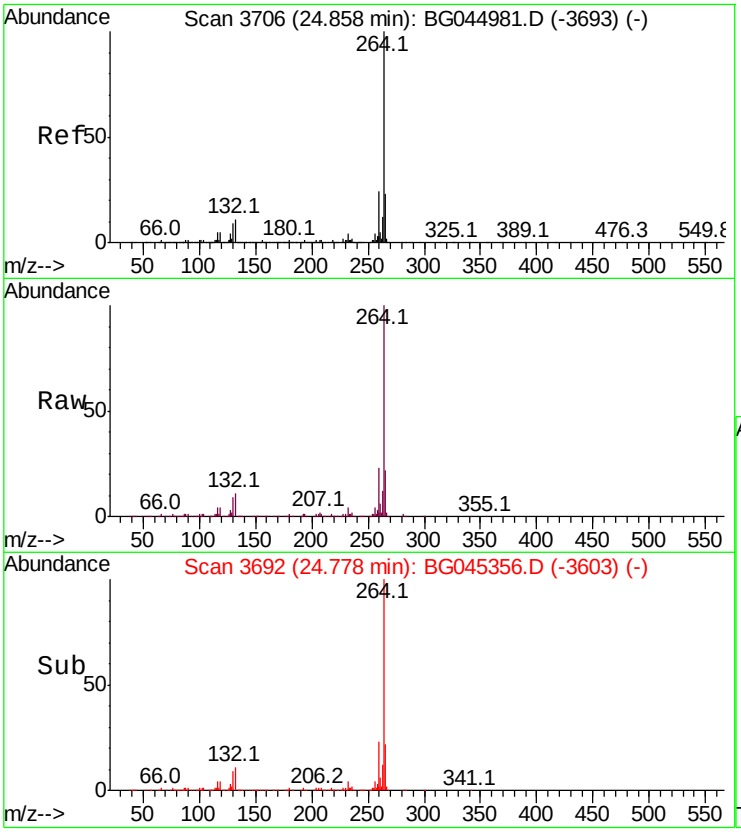


#79
Terphenyl-d14
Concen: 80.472 ng
RT: 19.98 min Scan# 2875
Delta R.T. -0.00 min
Lab File: BG045356.D
Acq: 13 May 2020 11:00

Tgt Ion:244 Resp: 1726219

Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.9	11.9
122	8.7	7.7	11.5





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.78 min Scan# 3692
Delta R.T. -0.01 min
Lab File: BG045356.D
Acq: 13 May 2020 11:00

Instrument :
BNA_G
ClientSampleId :
PB128795TB

Tgt Ion:264 Resp: 496502

Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.2	28.8
265	21.7	19.0	28.4