Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG041720\
Data File : BG045029.D
Acq On : 17 Apr 2020 12:29
Operator : CG/JU
Sample : L2284-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-11-SA

Quant Time: Apr 17 13:21:07 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 17 11:08:29 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	67549	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	283816	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	221261	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	555432	20.00	ng	0.00
76) Chrysene-d12	21.66	240	531432	20.00	ng	0.00
87) Perylene-d12	24.85	264	469431	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	556379	135.98	ng	0.00
7) Phenol-d6	7.18	99	804504	132.34	ng	0.00
23) Nitrobenzene-d5	9.18	82	558336	89.76	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	495687	145.01	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1376095	91.20	ng	0.00
79) Terphenyl-d14	20.01	244	2437511	99.97	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.18	77	1607	Below Cal	#	4
19) n-Nitroso-di-n-propylamine	9.18	70	75672	17.602	ng	# 77
32) Benzoic acid	10.14	122	148	6.410	ng	# 38
51) 2,6-Dinitrotoluene	14.65	165	27293	6.773	ng	# 26
57) 2,4-Dinitrotoluene	14.65	165	27293	4.635	ng	# 23
67) 4-Bromophenyl-phenylether	16.14	248	33642	4.695	ng	# 1
69) Atrazine	17.04	200	55	Below Cal	#	35
74) Di-n-butylphthalate	18.36	149	6172	Below Cal	#	92
75) Fluoranthene	19.45	202	556	Below Cal		78
77) Benzidine	20.01	184	48764	Below Cal	#	88

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG041720\
Data File : BG045029.D
Acq On : 17 Apr 2020 12:29
Operator : CG/JU
Sample : L2284-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-11-SA

Quant Time: Apr 17 13:21:07 2020
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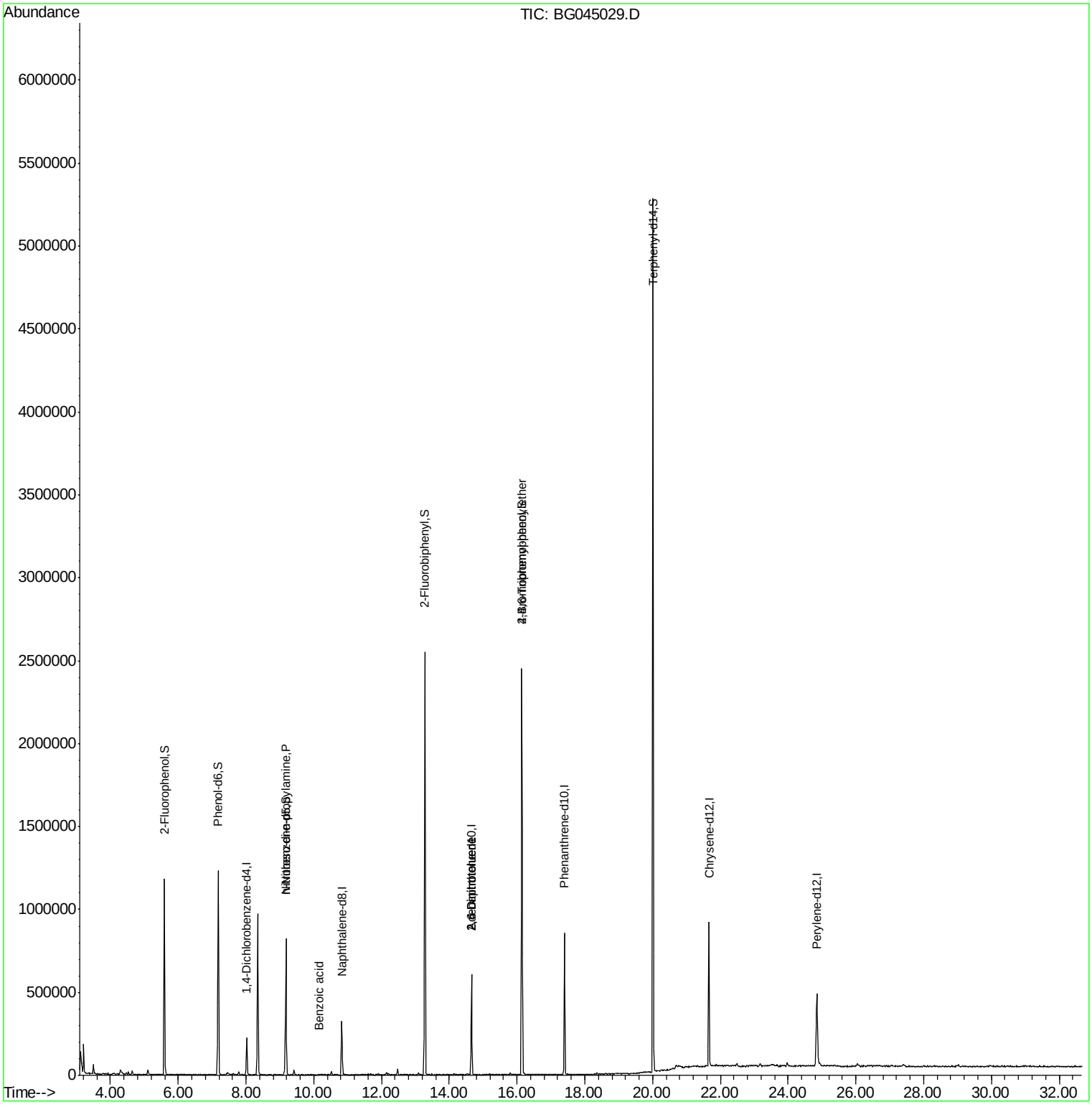
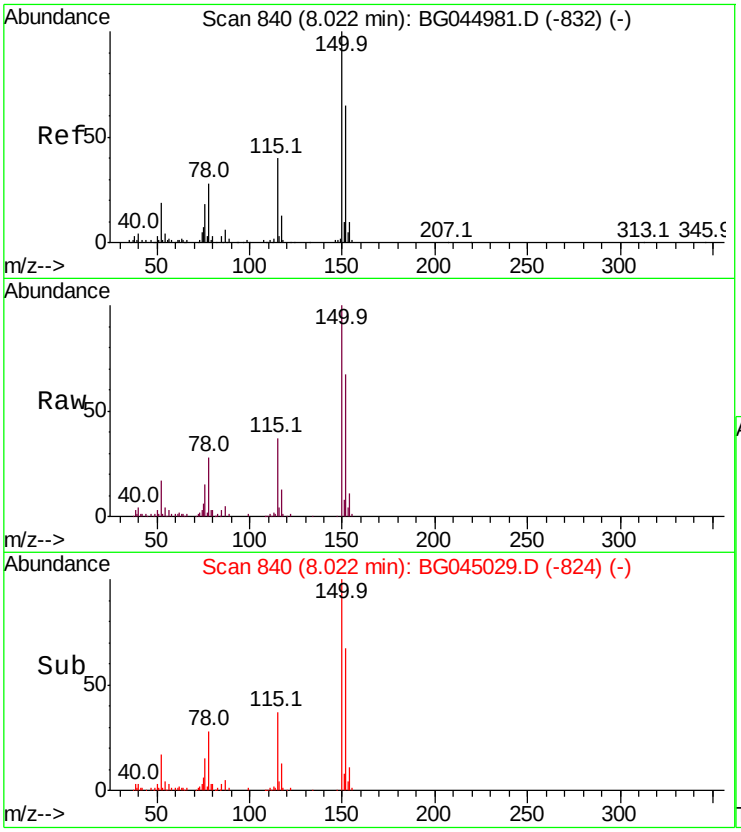
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 17 11:08:29 2020
Response via : Initial Calibration



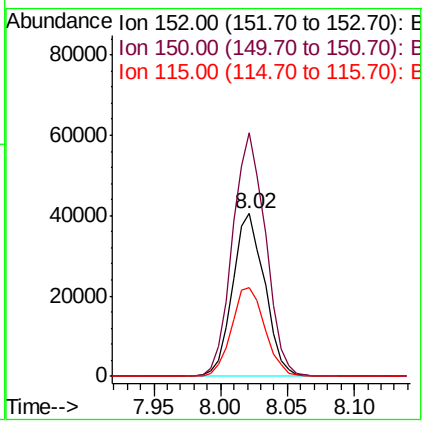


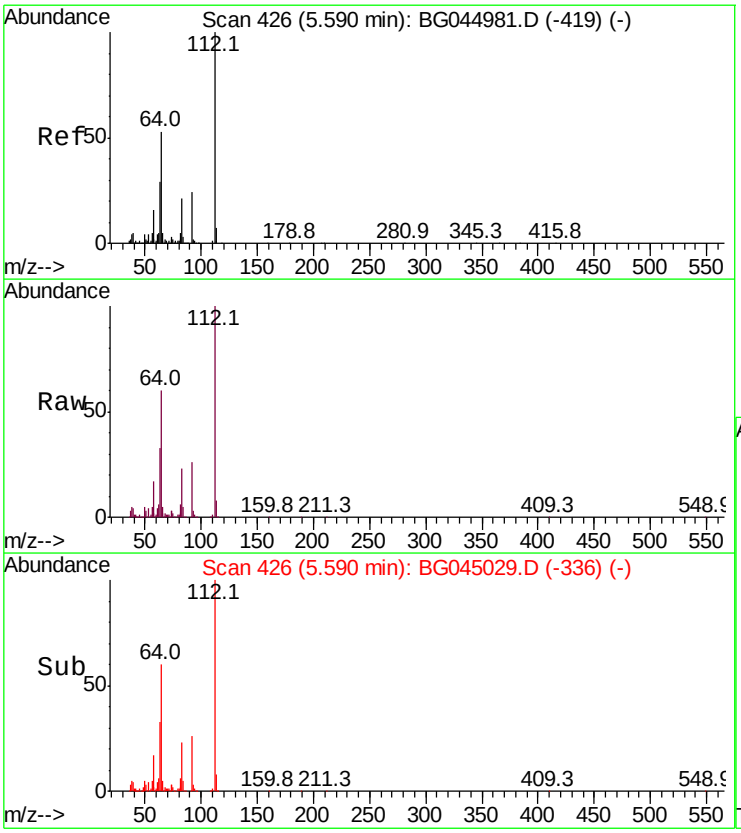
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.00 min
Lab File: BG045029.D
Acq: 17 Apr 2020 12:29

Instrument :
BNA_G
ClientSampleId :
TP-11-SA

Tgt Ion:152 Resp: 67549

Ion	Ratio	Lower	Upper
152	100		
150	149.9	123.6	185.4
115	54.7	49.1	73.7

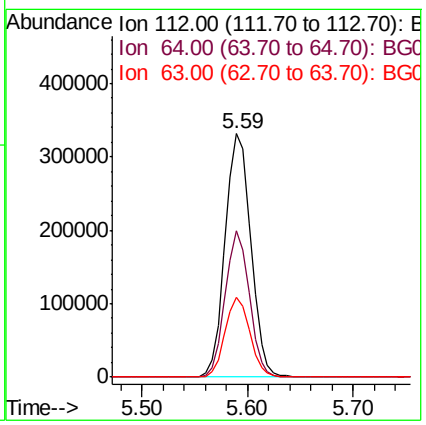


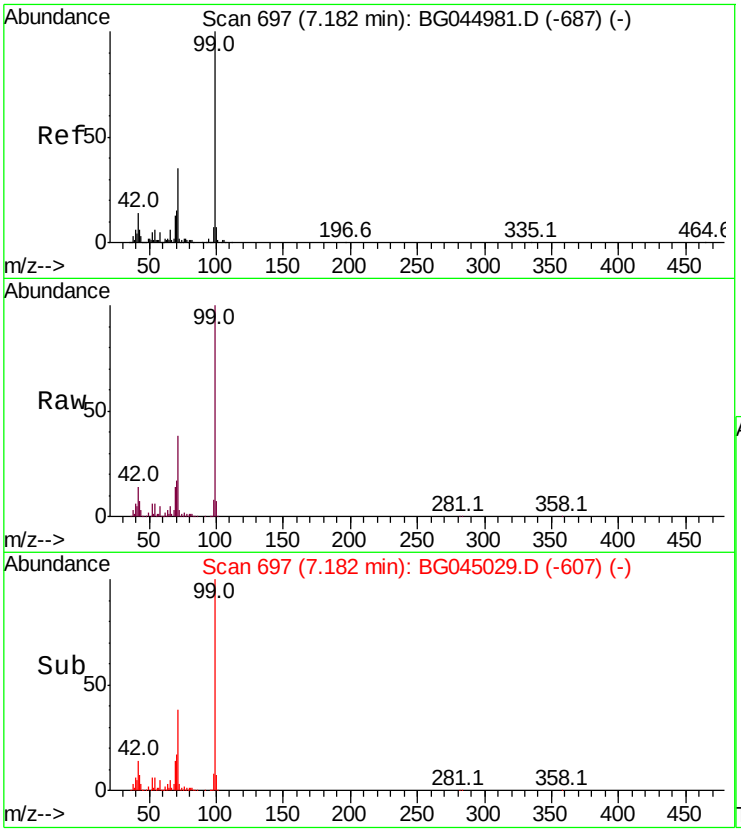


#5
2-Fluorophenol
Concen: 135.983 ng
RT: 5.59 min Scan# 426
Delta R.T. -0.00 min
Lab File: BG045029.D
Acq: 17 Apr 2020 12:29

Tgt Ion:112 Resp: 556379

Ion	Ratio	Lower	Upper
112	100		
64	60.3	42.4	63.6
63	32.8	23.1	34.7



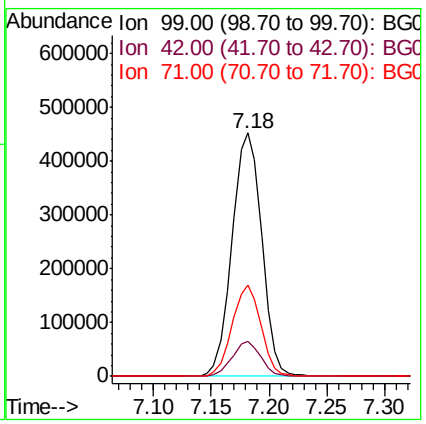


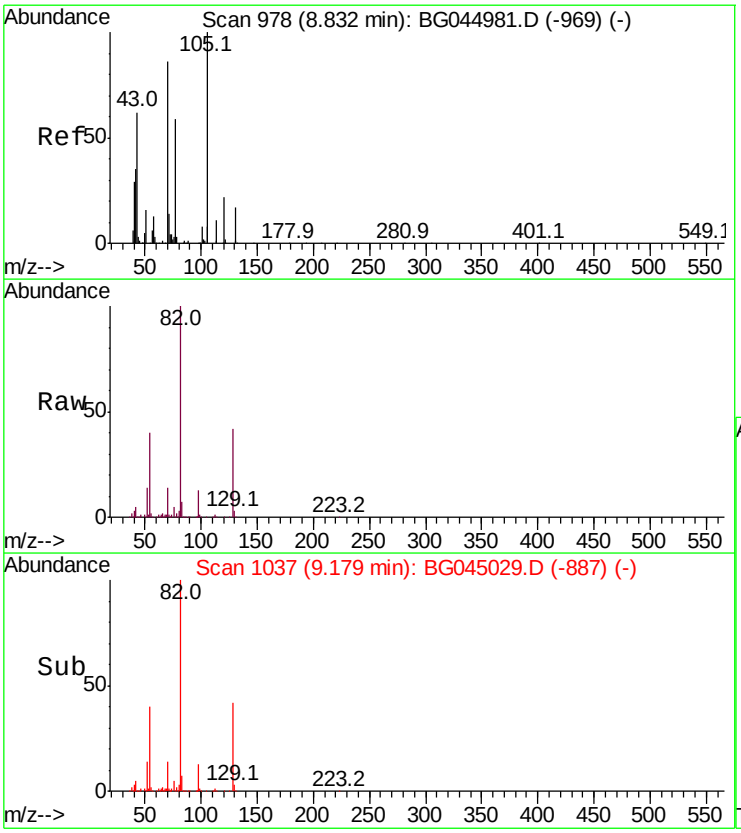
#7
Phenol-d6
Concen: 132.342 ng
RT: 7.18 min Scan# 697
Delta R.T. -0.00 min
Lab File: BG045029.D
Acq: 17 Apr 2020 12:29

Instrument :
BNA_G
ClientSampleId :
TP-11-SA

Tgt Ion: 99 Resp: 804504

Ion	Ratio	Lower	Upper
99	100		
42	14.2	11.3	16.9
71	37.7	28.3	42.5

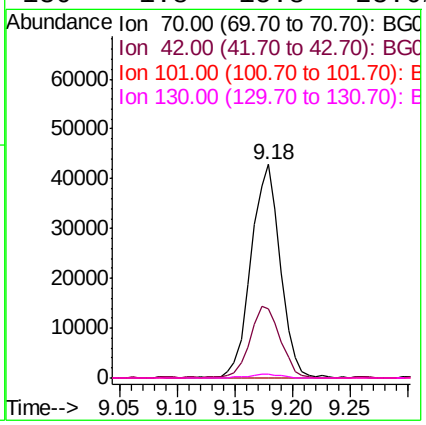


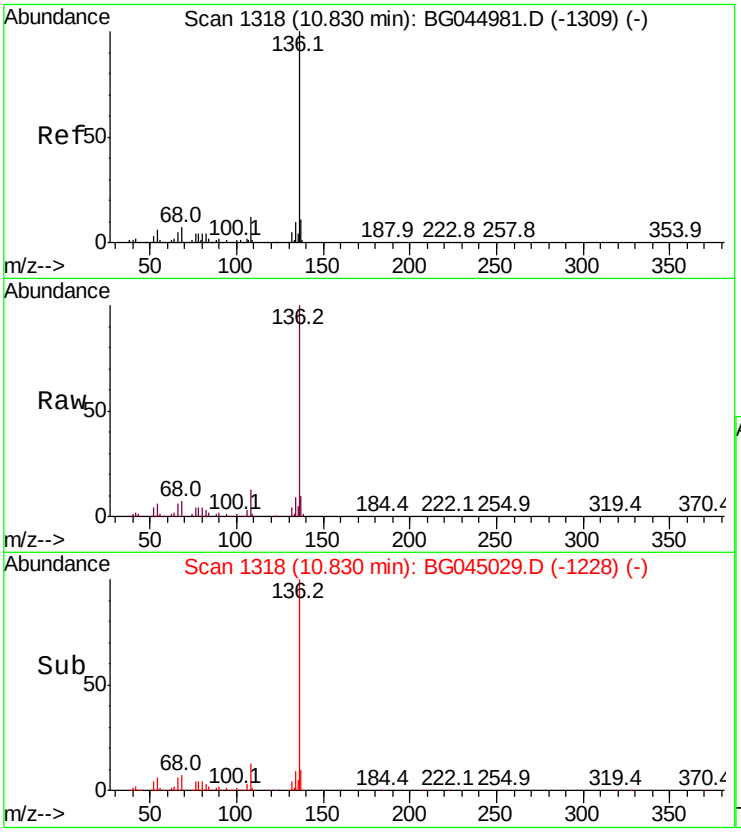


#19
n-Nitroso-di-n-propylamine
Concen: 17.602 ng
RT: 9.18 min Scan# 1037
Delta R.T. 0.35 min
Lab File: BG045029.D
Acq: 17 Apr 2020 12:29

Tgt Ion: 70 Resp: 75672

Ion	Ratio	Lower	Upper
70	100		
42	32.2	33.3	49.9#
101	0.0	7.8	11.8#
130	1.8	15.8	23.6#



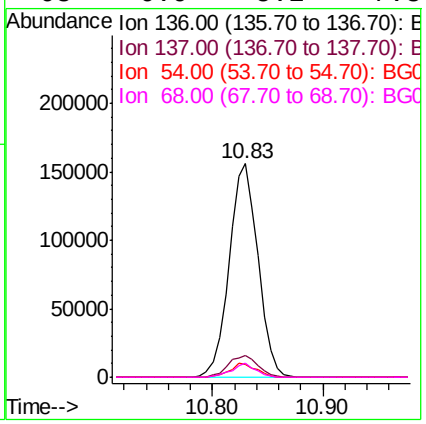


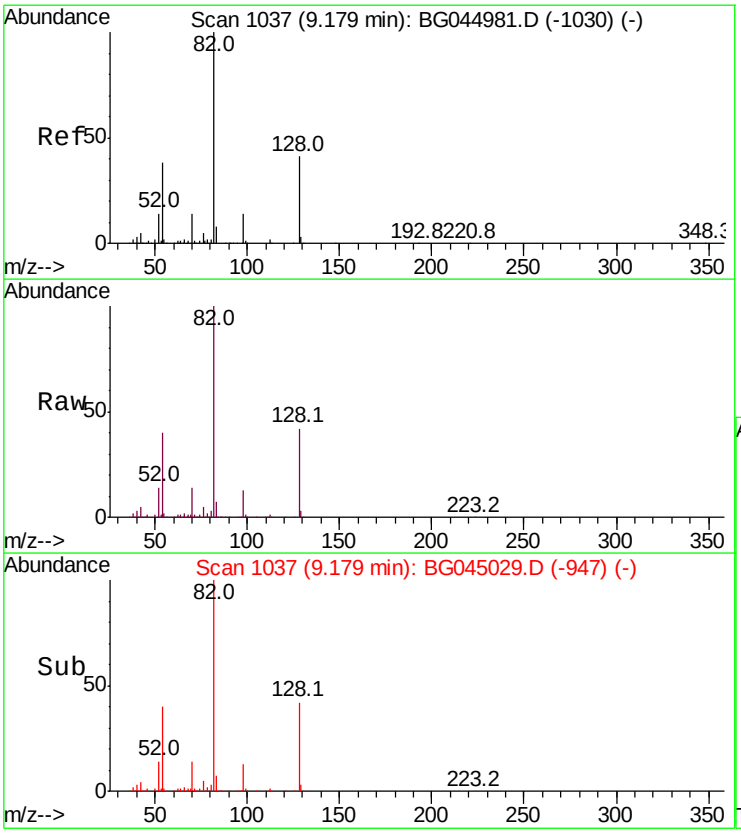
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BG045029.D
Acq: 17 Apr 2020 12:29

Instrument :
BNA_G
ClientSampleId :
TP-11-SA

Tgt Ion:136 Resp: 283816

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	13.0
54	6.3	4.8	7.2
68	6.9	5.2	7.8

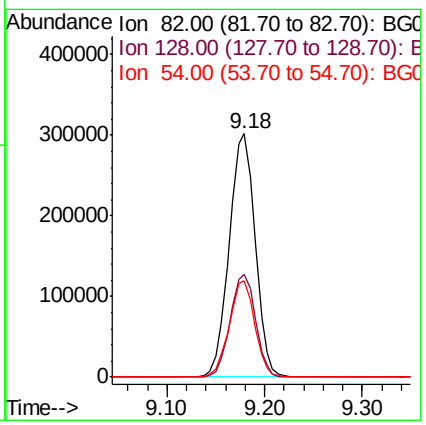


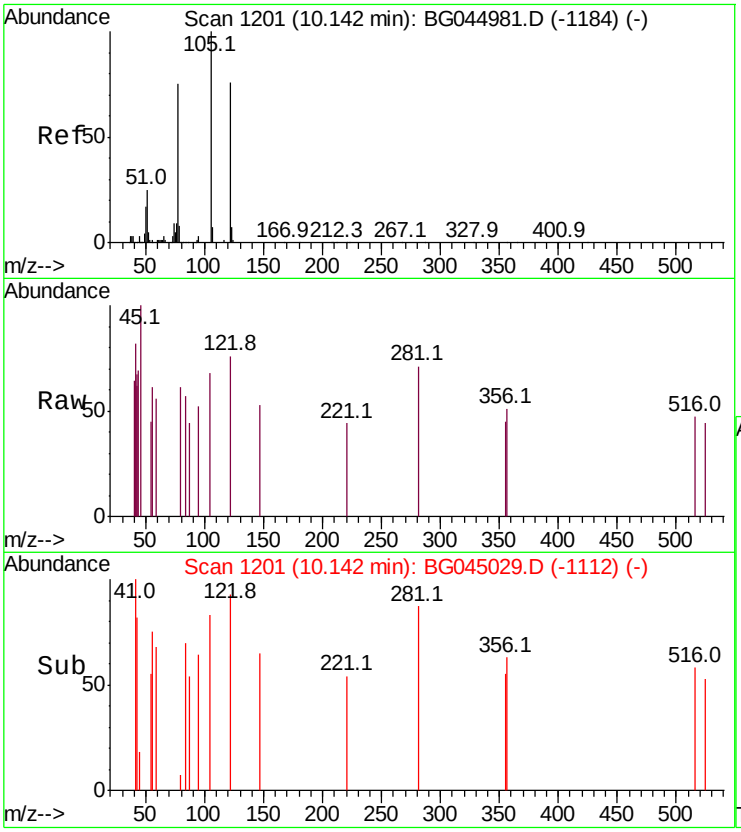


#23
Nitrobenzene-d5
Concen: 89.763 ng
RT: 9.18 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BG045029.D
Acq: 17 Apr 2020 12:29

Tgt Ion: 82 Resp: 558336

Ion	Ratio	Lower	Upper
82	100		
128	42.2	33.0	49.4
54	39.9	30.4	45.6



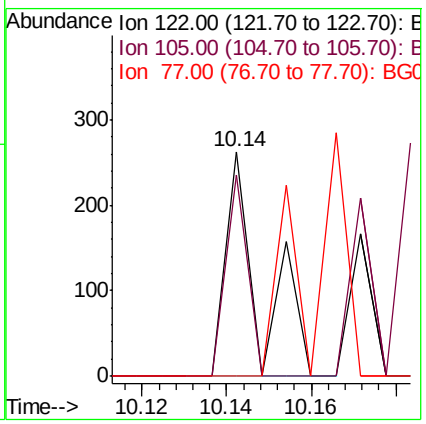


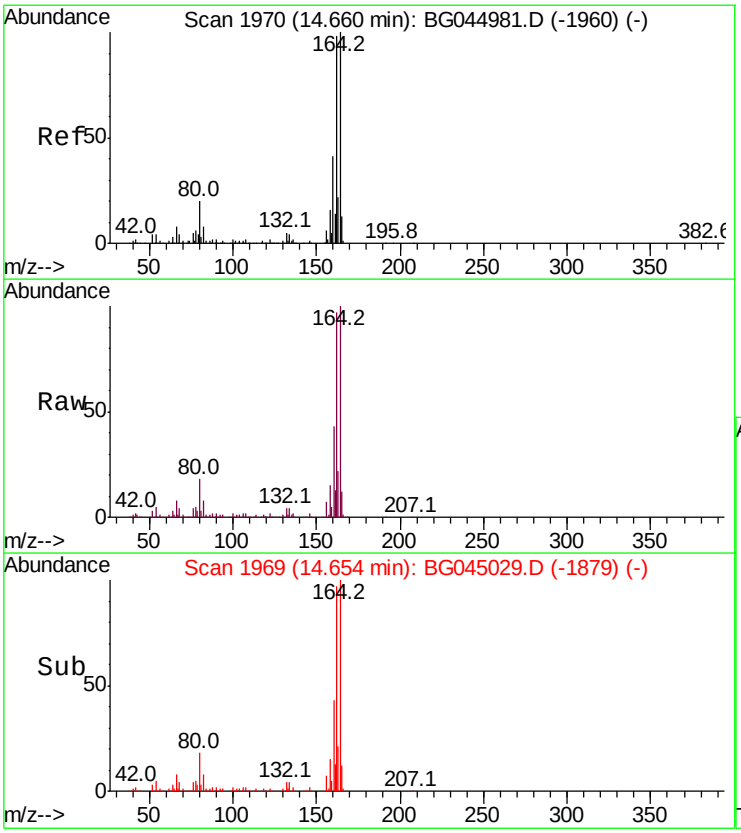
#32
Benzoic acid
Concen: 6.410 ng
RT: 10.14 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BG045029.D
Acq: 17 Apr 2020 12:29

Instrument :
BNA_G
ClientSampleId :
TP-11-SA

Tgt Ion:122 Resp: 148

Ion	Ratio	Lower	Upper
122	100		
105	89.4	108.4	148.4#
77	0.0	78.8	118.8#

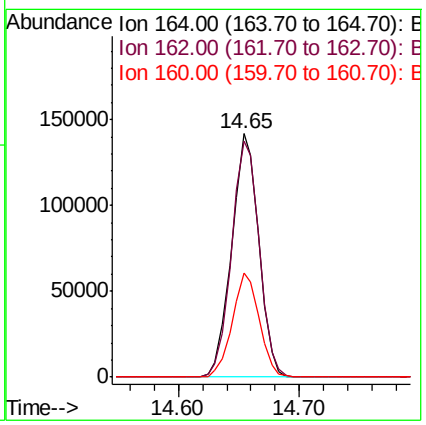


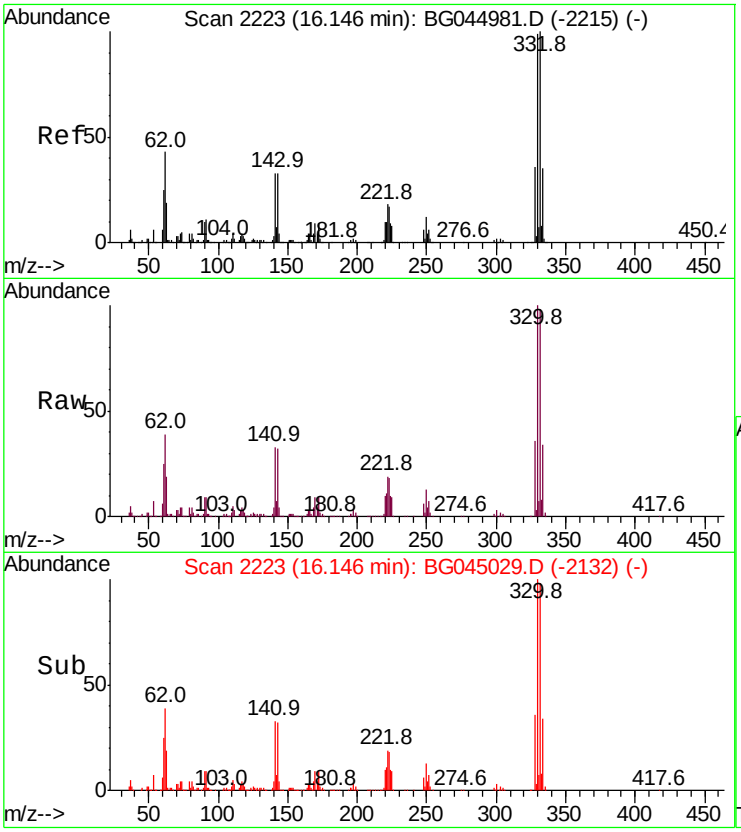


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1969
Delta R.T. -0.00 min
Lab File: BG045029.D
Acq: 17 Apr 2020 12:29

Tgt Ion:164 Resp: 221261

Ion	Ratio	Lower	Upper
164	100		
162	97.1	78.7	118.1
160	43.0	32.8	49.2



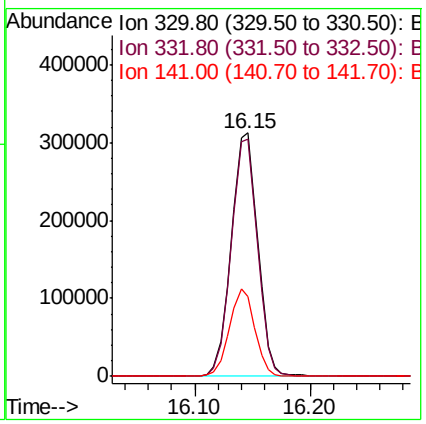


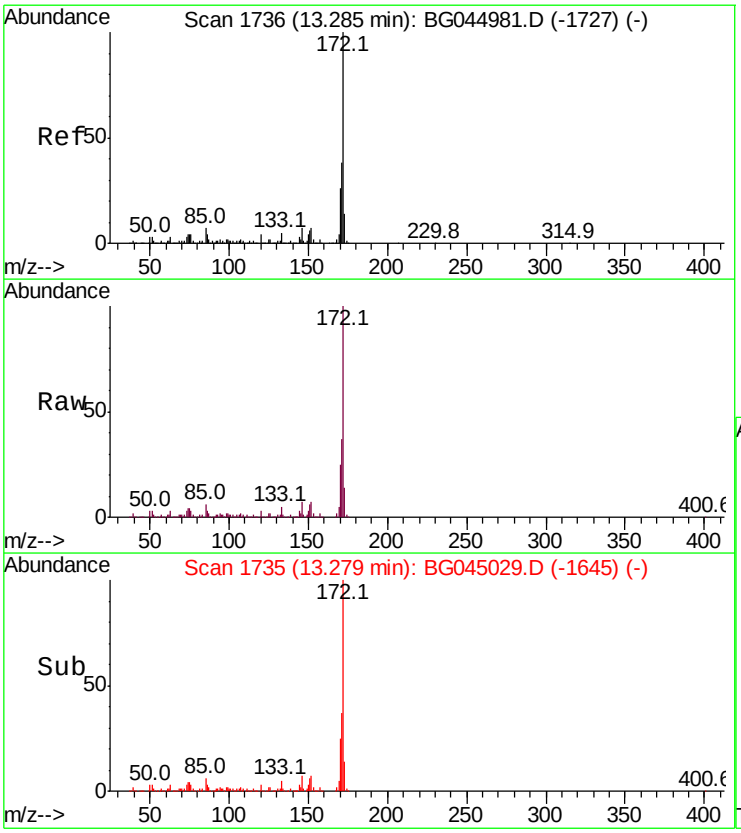
#42
2,4,6-Tribromophenol
Concen: 145.014 ng
RT: 16.15 min Scan# 2223
Delta R.T. 0.00 min
Lab File: BG045029.D
Acq: 17 Apr 2020 12:29

Instrument :
BNA_G
ClientSampleId :
TP-11-SA

Tgt Ion:330 Resp: 495687

Ion	Ratio	Lower	Upper
330	100		
332	97.0	79.1	118.7
141	34.8	27.1	40.7

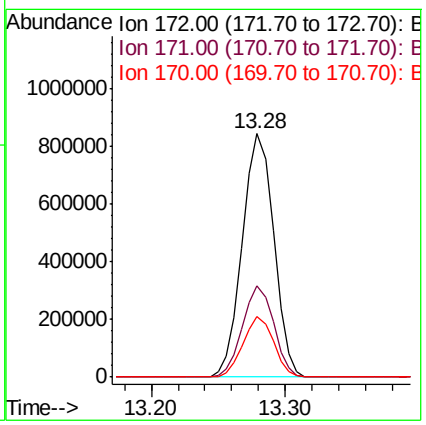


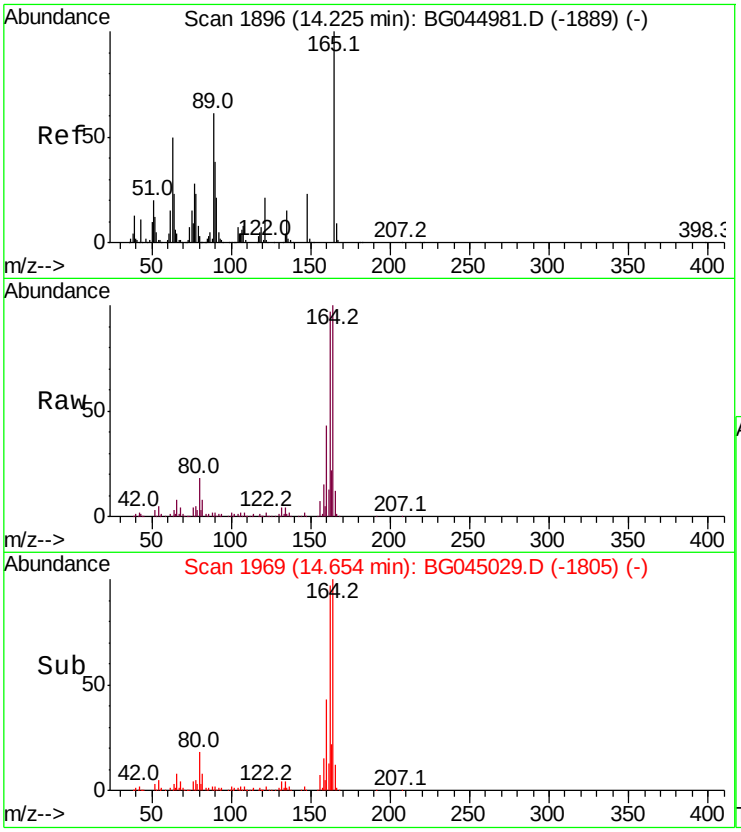


#45
2-Fluorobiphenyl
Concen: 91.195 ng
RT: 13.28 min Scan# 1735
Delta R.T. -0.00 min
Lab File: BG045029.D
Acq: 17 Apr 2020 12:29

Tgt Ion:172 Resp: 1376095

Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.6	46.0
170	25.0	20.5	30.7



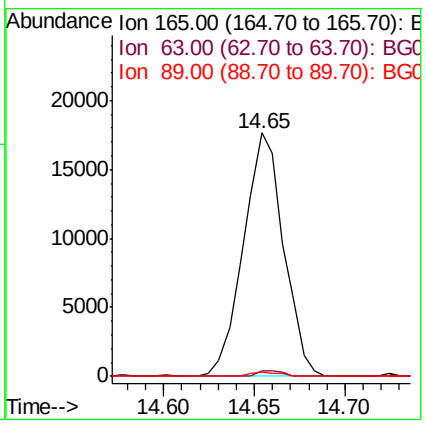


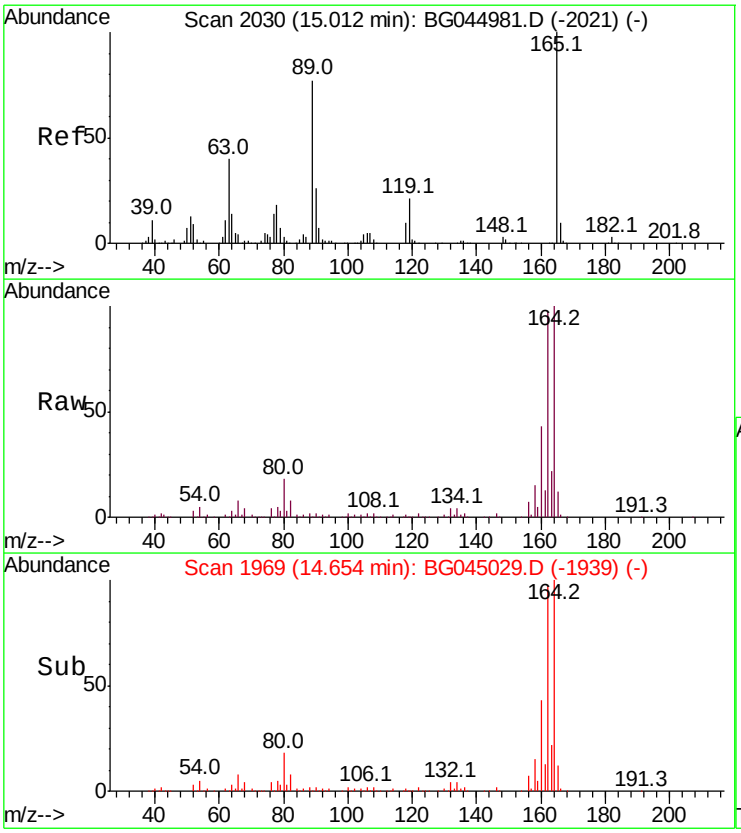
#51
2,6-Dinitrotoluene
Concen: 6.773 ng
RT: 14.65 min Scan# 1969
Delta R.T. 0.43 min
Lab File: BG045029.D
Acq: 17 Apr 2020 12:29

Instrument :
BNA_G
ClientSampleId :
TP-11-SA

Tgt Ion:165 Resp: 27293

Ion	Ratio	Lower	Upper
165	100		
63	2.1	40.4	60.6#
89	1.5	49.1	73.7#

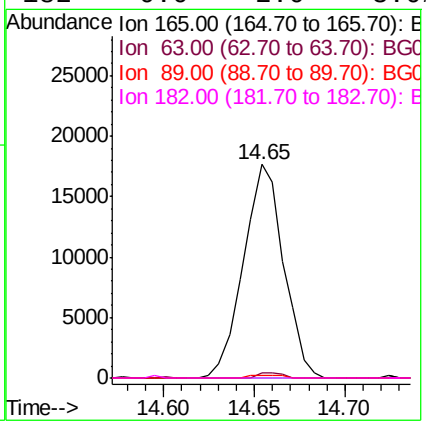


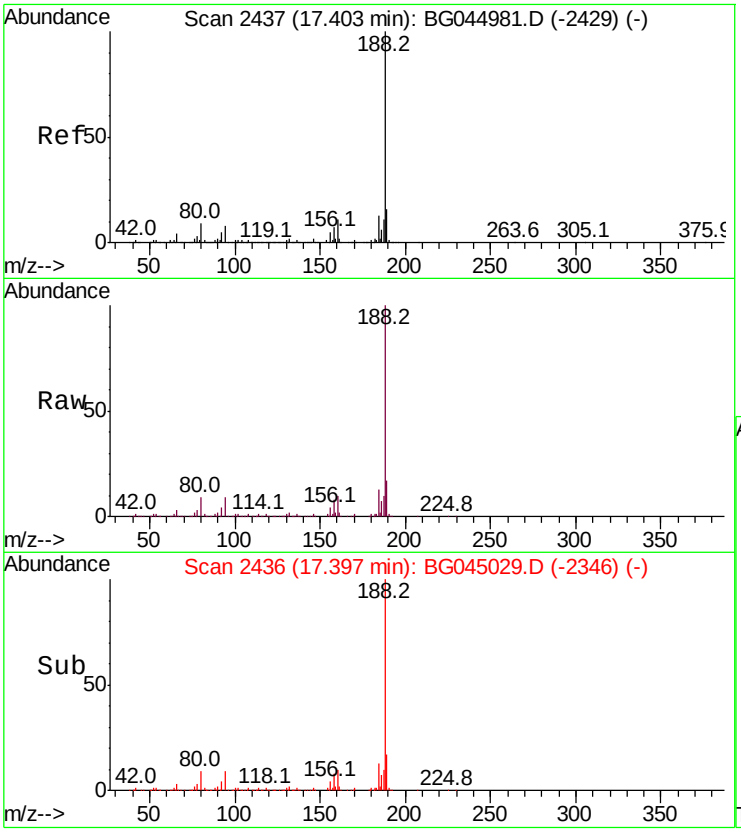


#57
2,4-Dinitrotoluene
Concen: 4.635 ng
RT: 14.65 min Scan# 1969
Delta R.T. -0.36 min
Lab File: BG045029.D
Acq: 17 Apr 2020 12:29

Tgt Ion:165 Resp: 27293

Ion	Ratio	Lower	Upper
165	100		
63	2.1	32.2	48.2#
89	1.5	61.7	92.5#
182	0.0	2.0	3.0#



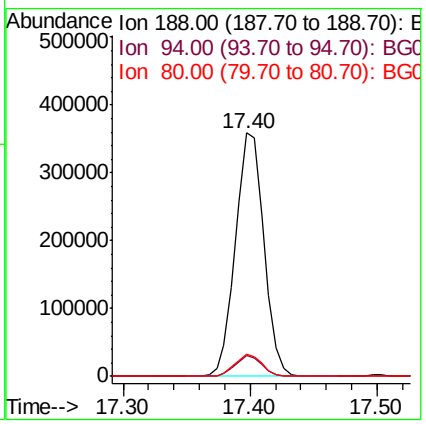


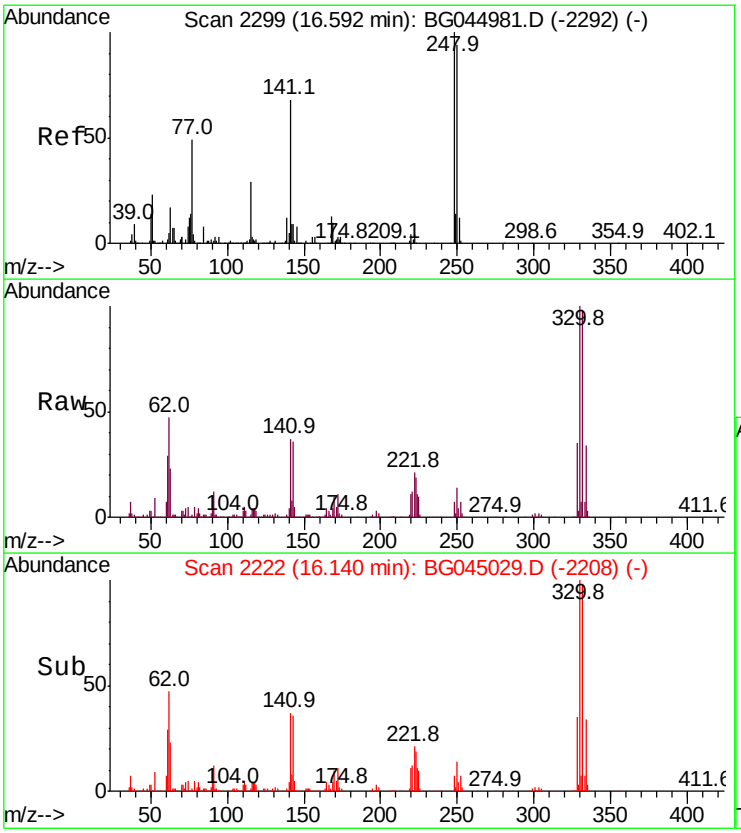
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2436
Delta R.T. -0.00 min
Lab File: BG045029.D
Acq: 17 Apr 2020 12:29

Instrument :
BNA_G
ClientSampleId :
TP-11-SA

Tgt Ion:188 Resp: 555432

Ion	Ratio	Lower	Upper
188	100		
94	8.6	6.2	9.4
80	9.2	7.0	10.6

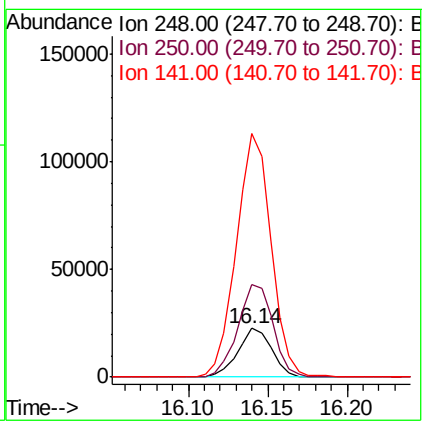


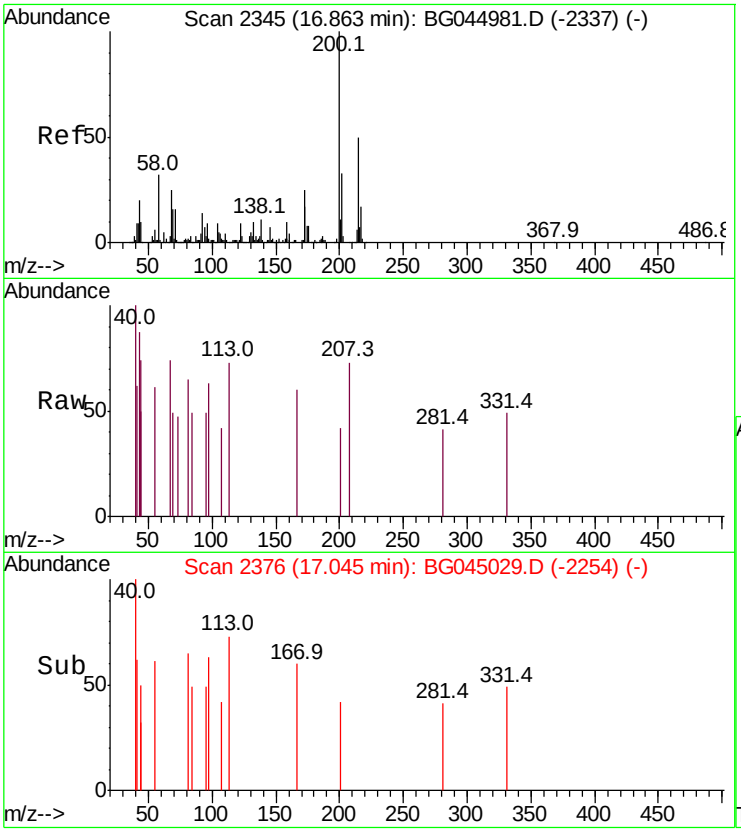


#67
4-Bromophenyl-phenylether
Concen: 4.695 ng
RT: 16.14 min Scan# 2222
Delta R.T. -0.45 min
Lab File: BG045029.D
Acq: 17 Apr 2020 12:29

Tgt Ion:248 Resp: 33642

Ion	Ratio	Lower	Upper
248	100		
250	189.8	75.4	113.2#
141	498.3	54.4	81.6#



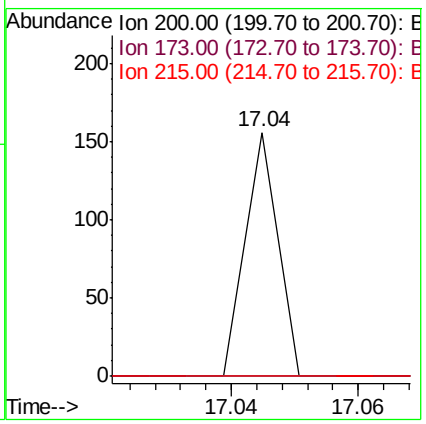


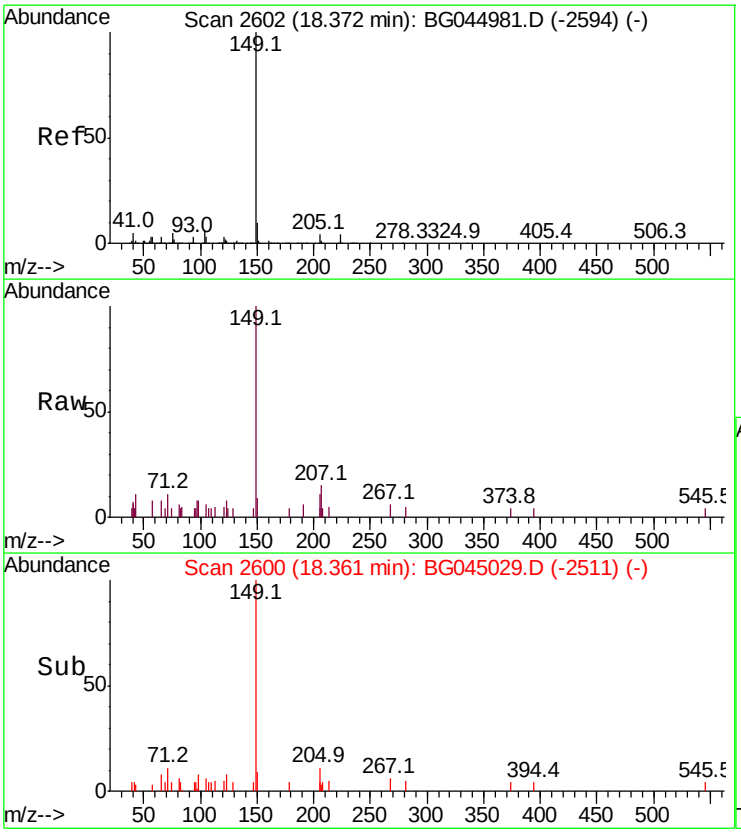
#69
Atrazine
Concen: Below Cal
RT: 17.04 min Scan# 2376
Delta R.T. 0.18 min
Lab File: BG045029.D
Acq: 17 Apr 2020 12:29

Instrument :
BNA_G
ClientSampleId :
TP-11-SA

Tgt Ion:200 Resp: 55

Ion	Ratio	Lower	Upper
200	100		
173	0.0	4.5	44.5#
215	0.0	30.0	70.0#

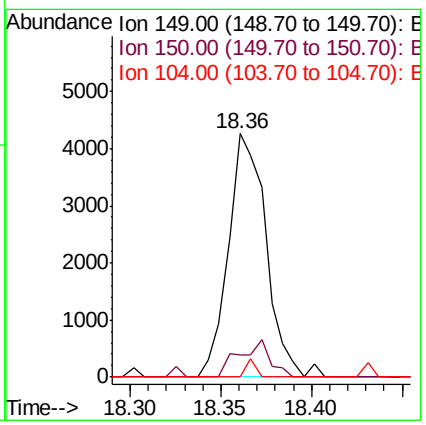


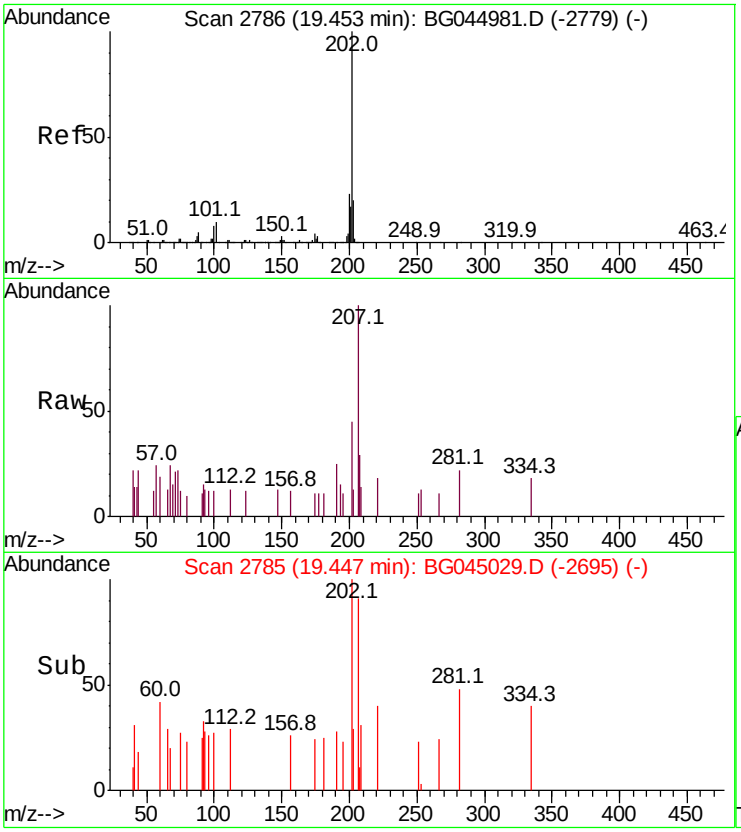


#74
Di-n-butylphthalate
Concen: Below Cal
RT: 18.36 min Scan# 2600
Delta R.T. -0.01 min
Lab File: BG045029.D
Acq: 17 Apr 2020 12:29

Tgt Ion:149 Resp: 6172

Ion	Ratio	Lower	Upper
149	100		
150	9.3	8.2	12.2
104	0.0	4.8	7.2#



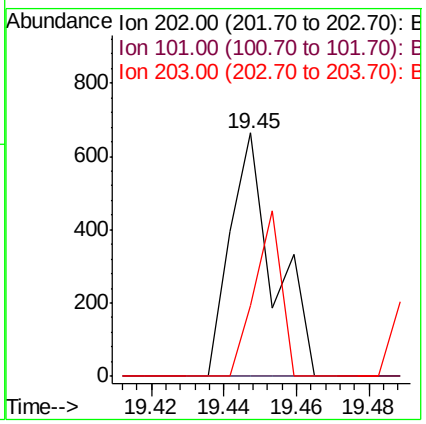


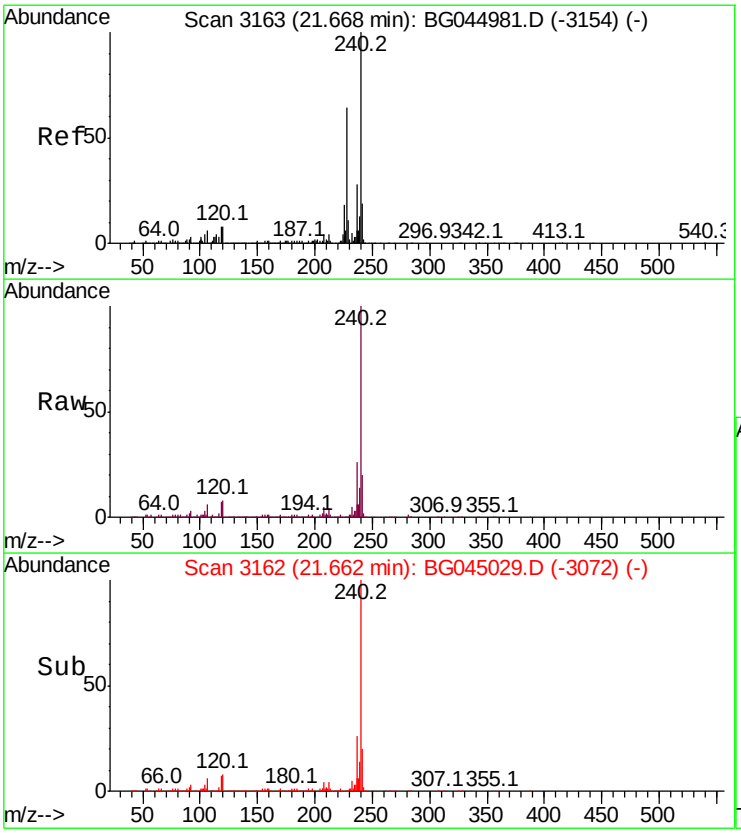
#75
Fluoranthene
Concen: Below Cal
RT: 19.45 min Scan# 2785
Delta R.T. -0.00 min
Lab File: BG045029.D
Acq: 17 Apr 2020 12:29

Instrument :
BNA_G
ClientSampleId :
TP-11-SA

Tgt Ion:202 Resp: 556

Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	29.6
203	29.1	0.0	39.7

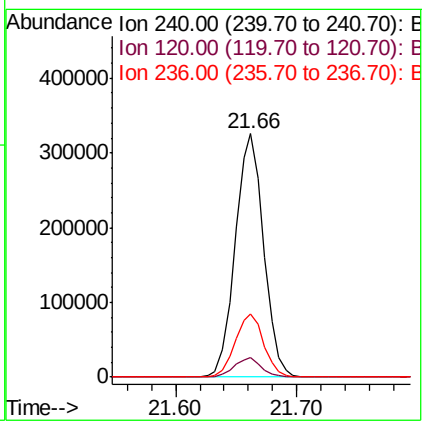


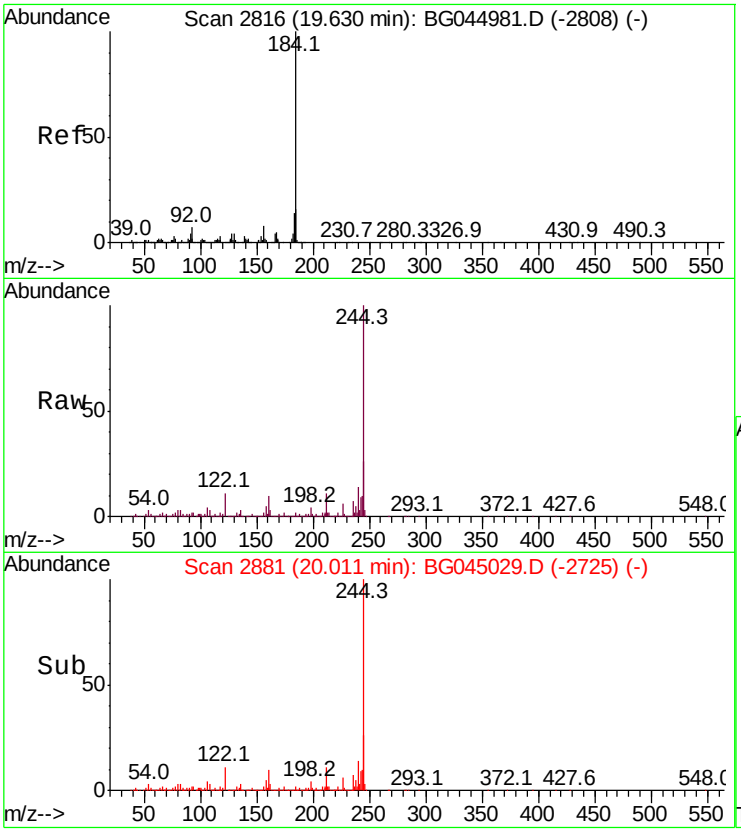


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3162
Delta R.T. -0.00 min
Lab File: BG045029.D
Acq: 17 Apr 2020 12:29

Tgt Ion:240 Resp: 531432

Ion	Ratio	Lower	Upper
240	100		
120	7.9	6.6	10.0
236	26.1	22.2	33.2



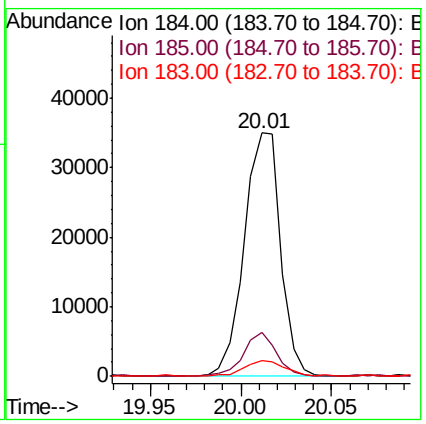


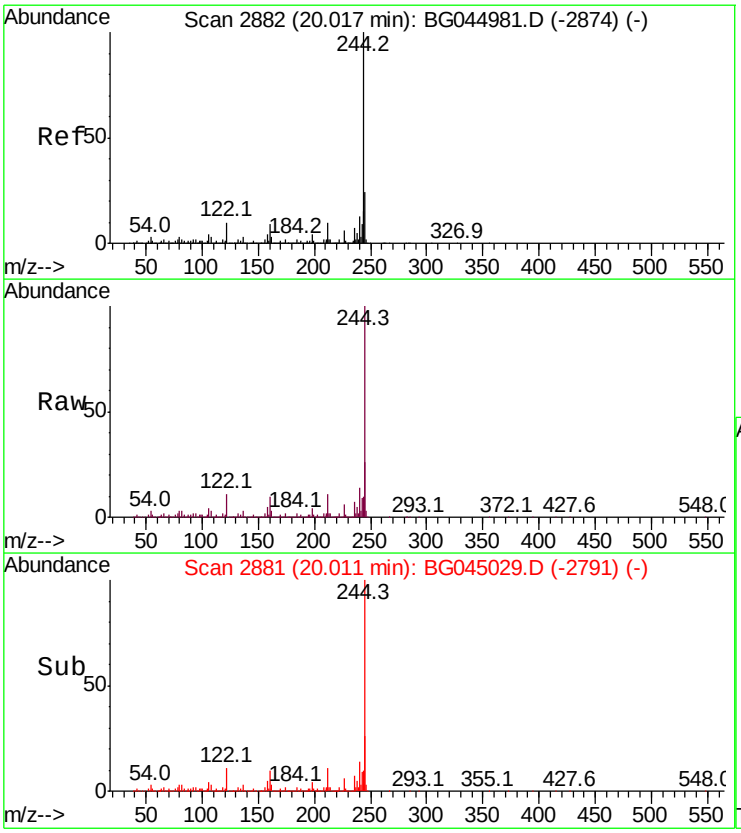
#77
Benzidine
Concen: Below Cal
RT: 20.01 min Scan# 2881
Delta R.T. 0.38 min
Lab File: BG045029.D
Acq: 17 Apr 2020 12:29

Instrument :
BNA_G
ClientSampleId :
TP-11-SA

Tgt Ion:184 Resp: 48764

Ion	Ratio	Lower	Upper
184	100		
185	18.0	12.6	19.0
183	6.4	11.3	16.9#

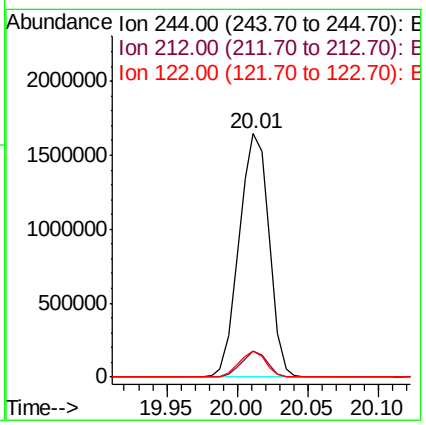


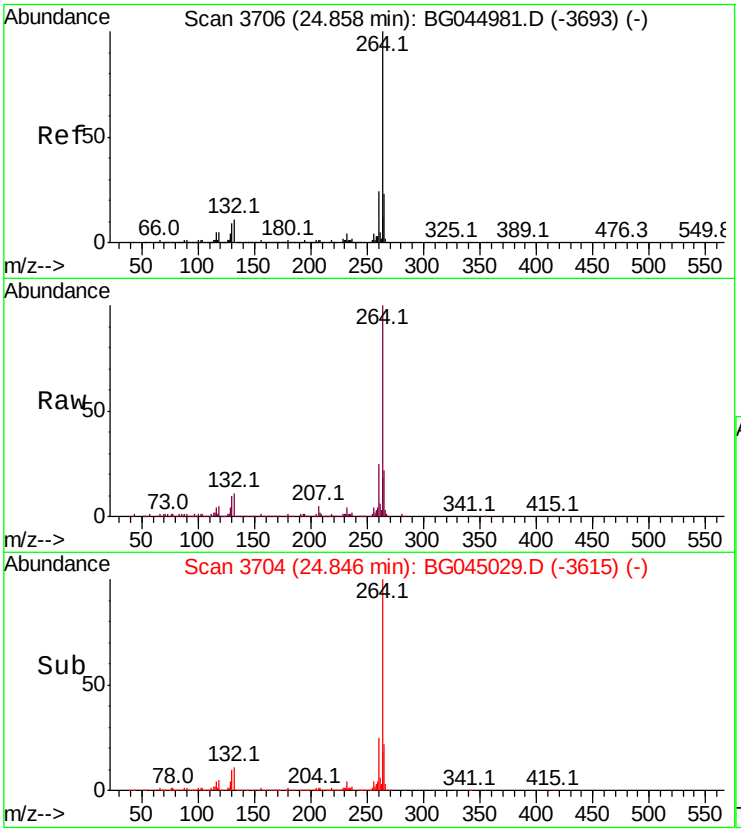


#79
Terphenyl-d14
Concen: 99.970 ng
RT: 20.01 min Scan# 2881
Delta R.T. -0.00 min
Lab File: BG045029.D
Acq: 17 Apr 2020 12:29

Tgt Ion:244 Resp: 2437511

Ion	Ratio	Lower	Upper
244	100		
212	10.5	7.9	11.9
122	10.8	7.7	11.5





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.85 min Scan# 3704
Delta R.T. -0.01 min
Lab File: BG045029.D
Acq: 17 Apr 2020 12:29

Instrument :
BNA_G
ClientSampleId :
TP-11-SA

Tgt Ion:264 Resp: 469431

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	21.8	19.0	28.4