Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041620\
Data File : BG045022.D
Acq On : 17 Apr 2020 1:28
Operator : CG/JU
Sample : L2284-02 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-11-SA

Quant Time: Apr 17 04:41:58 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 15 17:57:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	82088	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	371583	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	265537	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	525292	20.00	ng	0.00
76) Chrysene-d12	21.67	240	405863	20.00	ng	0.00
87) Perylene-d12	24.85	264	439015	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	80131	16.12	ng	0.00
7) Phenol-d6	7.18	99	132649	17.96	ng	0.00
23) Nitrobenzene-d5	9.18	82	90971	11.17	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	63902	15.58	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	248033	13.70	ng	0.00
79) Terphenyl-d14	20.01	244	316203	16.98	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.18	77	476	Below Cal	#	38
19) n-Nitroso-di-n-propylamine	9.18	70	11810	2.261	ng	# 74
32) Benzoic acid	10.26	122	66	6.386	ng	# 36
51) 2,6-Dinitrotoluene	14.66	165	34328	7.098	ng	# 24
57) 2,4-Dinitrotoluene	14.66	165	34328	4.857	ng	# 22
69) Atrazine	16.94	200	134	Below Cal	#	14
74) Di-n-butylphthalate	18.36	149	682	Below Cal	#	76
75) Fluoranthene	19.44	202	10673	Below Cal		89
77) Benzidine	19.62	184	301	Below Cal	#	1

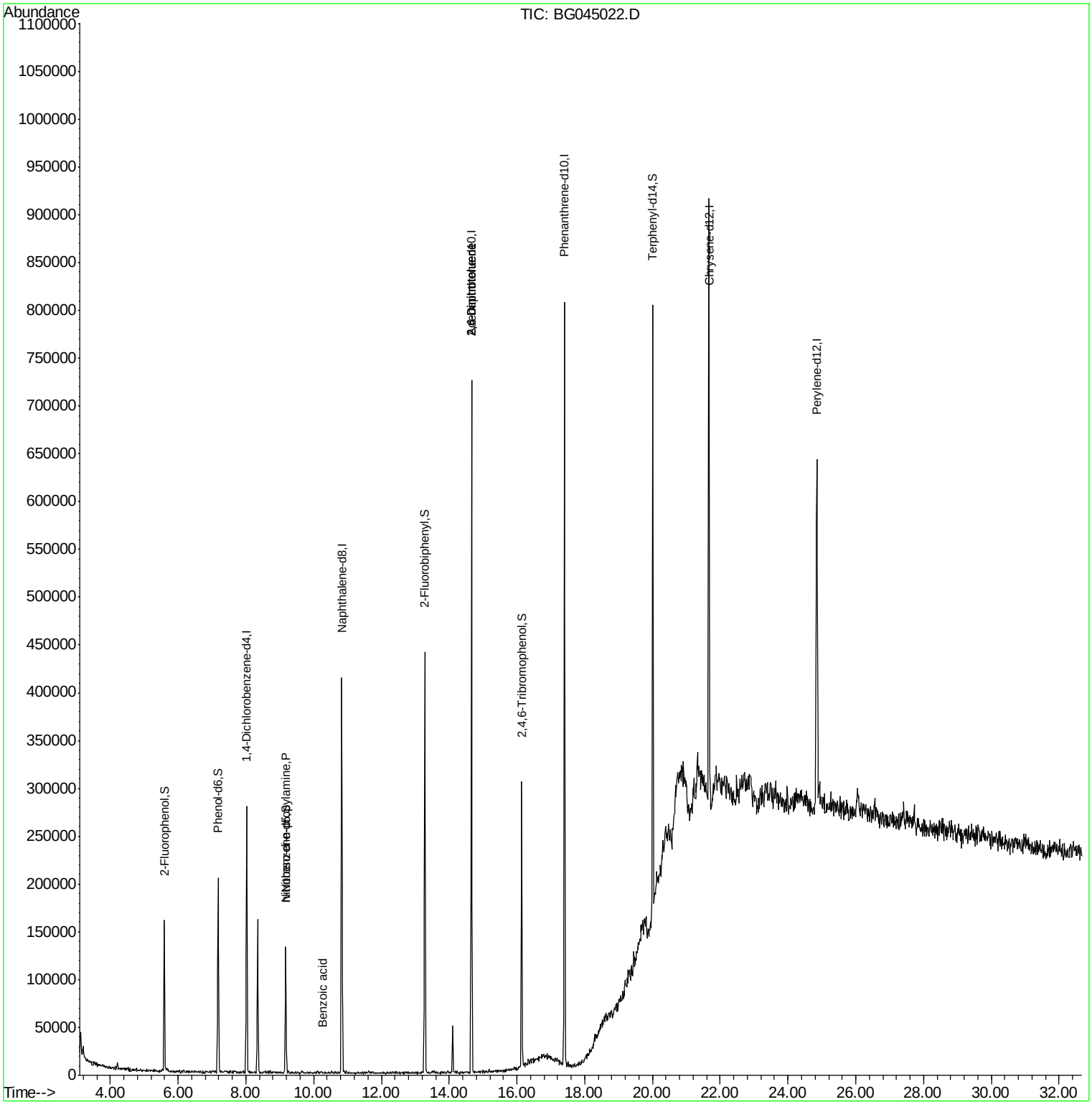
(#) = qualifier out of range (m) = manual integration (+) = signals summed

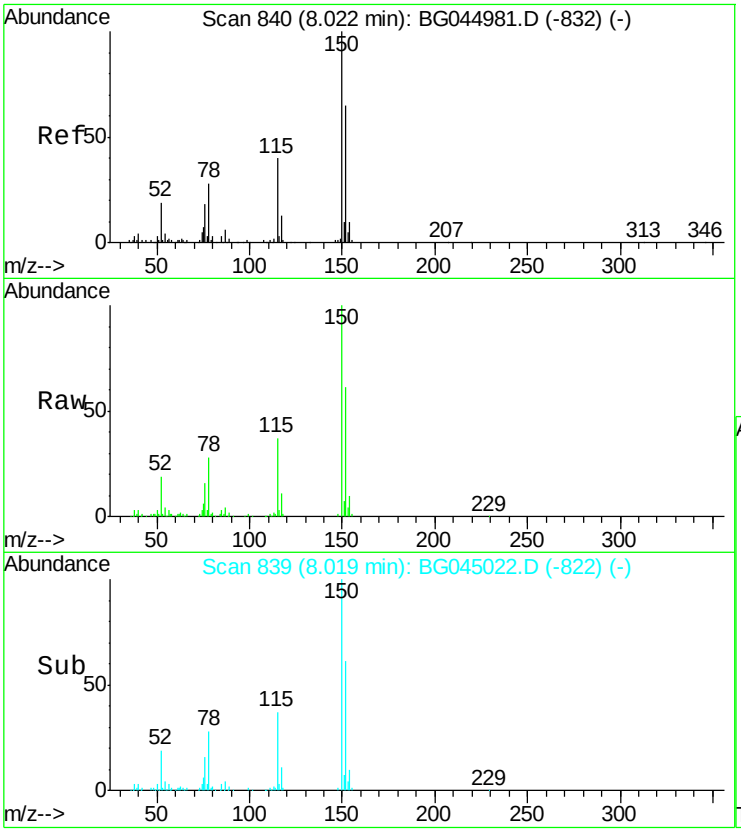
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041620\
Data File : BG045022.D
Acq On : 17 Apr 2020 1:28
Operator : CG/JU
Sample : L2284-02 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-11-SA

Quant Time: Apr 17 04:41:58 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 15 17:57:00 2020
Response via : Initial Calibration



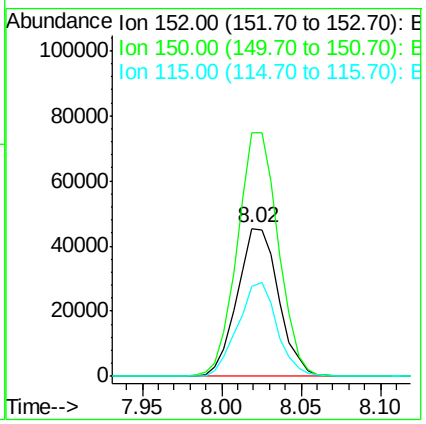


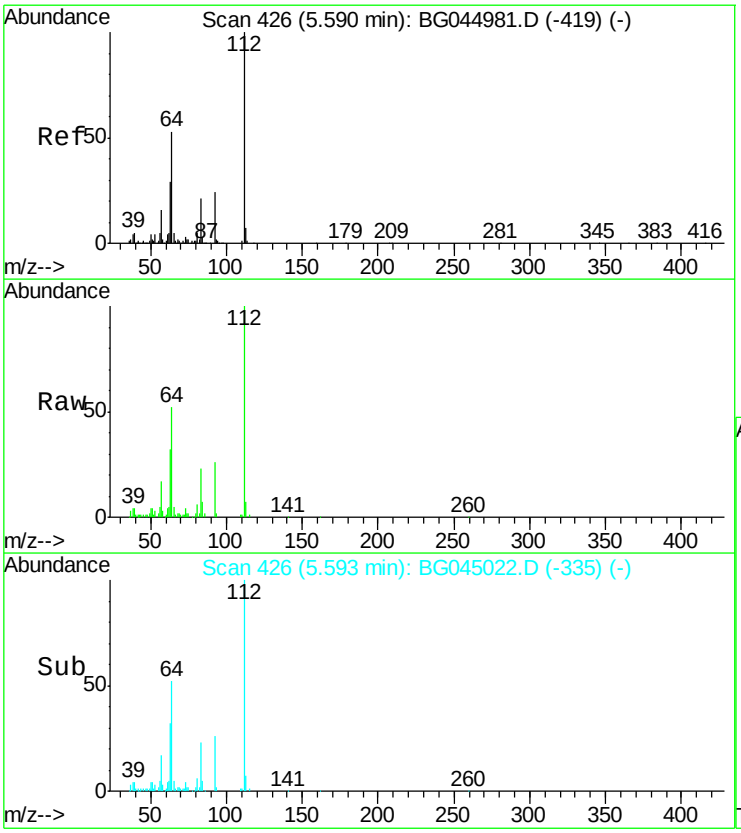
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 839
Delta R.T. -0.00 min
Lab File: BG045022.D
Acq: 17 Apr 2020 1:28

Instrument :
BNA_G
ClientSampleId :
TP-11-SA

Tgt Ion:152 Resp: 82088

Ion	Ratio	Lower	Upper
152	100		
150	164.3	123.6	185.4
115	60.9	49.1	73.7

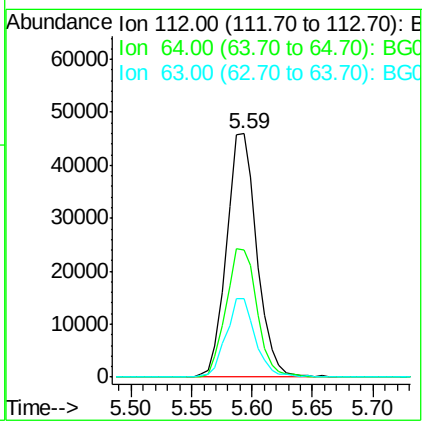


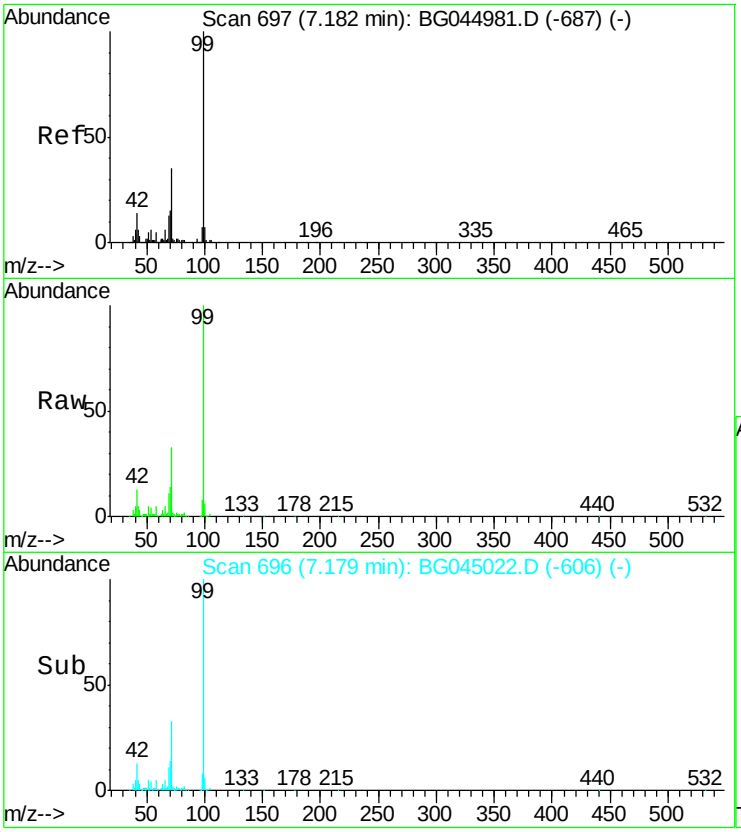


#5
2-Fluorophenol
Concen: 16.116 ng
RT: 5.59 min Scan# 426
Delta R.T. 0.00 min
Lab File: BG045022.D
Acq: 17 Apr 2020 1:28

Tgt Ion:112 Resp: 80131

Ion	Ratio	Lower	Upper
112	100		
64	52.2	42.4	63.6
63	32.1	23.1	34.7



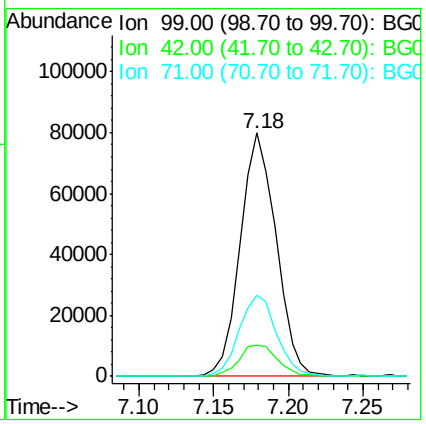


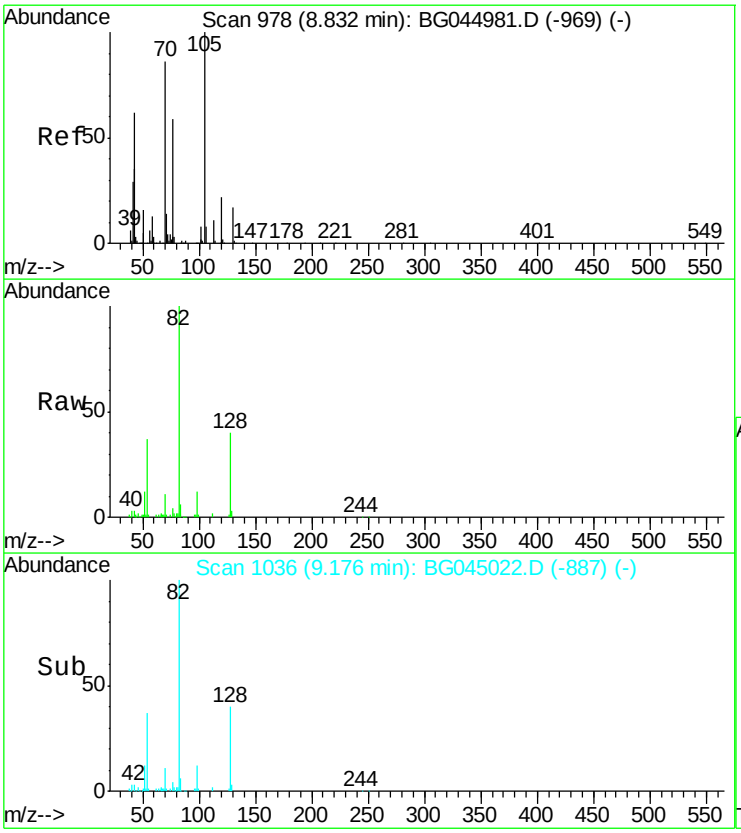
#7
Phenol-d6
Concen: 17.956 ng
RT: 7.18 min Scan# 696
Delta R.T. -0.00 min
Lab File: BG045022.D
Acq: 17 Apr 2020 1:28

Instrument :
BNA_G
ClientSampleId :
TP-11-SA

Tgt Ion: 99 Resp: 132649

Ion	Ratio	Lower	Upper
99	100		
42	13.0	11.3	16.9
71	33.4	28.3	42.5

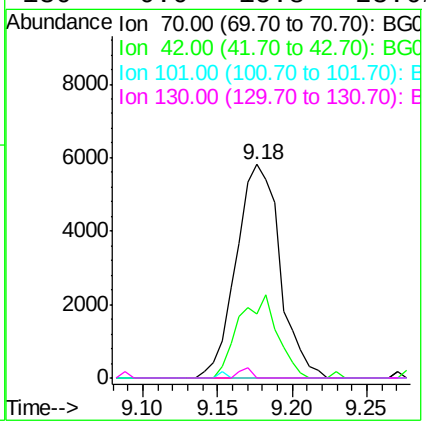


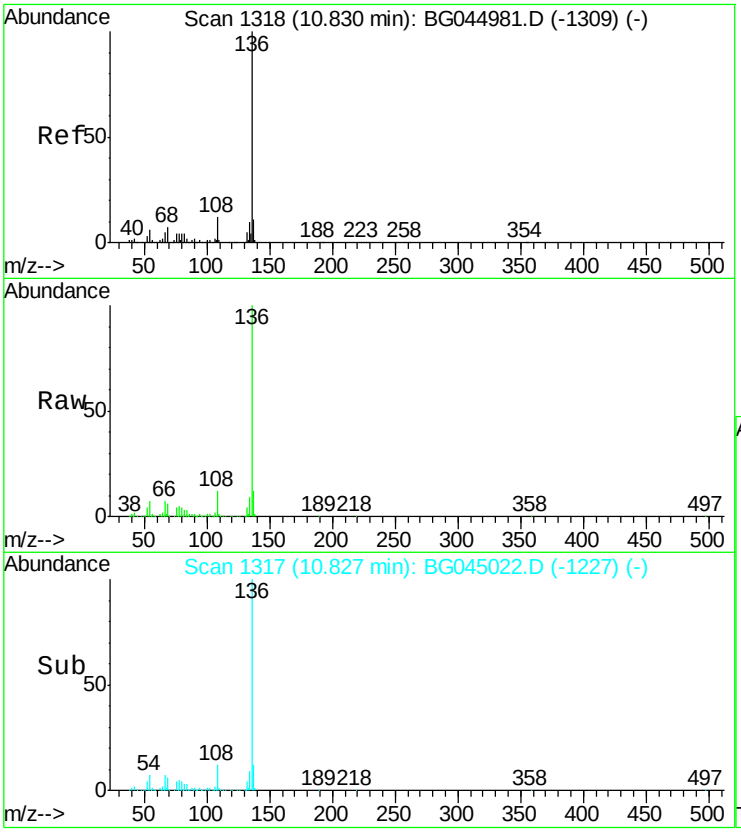


#19
n-Nitroso-di-n-propylamine
Concen: 2.261 ng
RT: 9.18 min Scan# 1036
Delta R.T. 0.34 min
Lab File: BG045022.D
Acq: 17 Apr 2020 1:28

Tgt Ion: 70 Resp: 11810

Ion	Ratio	Lower	Upper
70	100		
42	30.1	33.3	49.9#
101	0.0	7.8	11.8#
130	0.0	15.8	23.6#



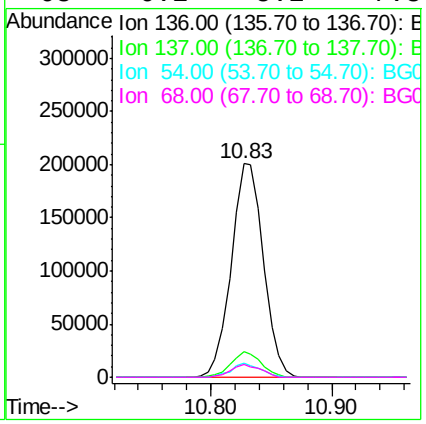


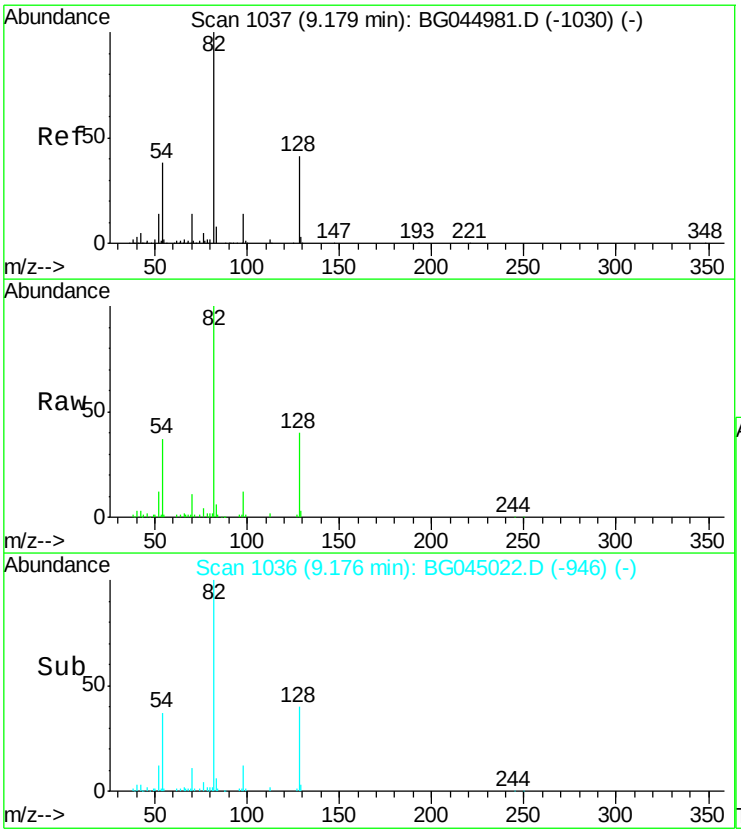
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BG045022.D
Acq: 17 Apr 2020 1:28

Instrument :
BNA_G
ClientSampleId :
TP-11-SA

Tgt Ion:136 Resp: 371583

Ion	Ratio	Lower	Upper
136	100		
137	12.1	8.6	13.0
54	6.9	4.8	7.2
68	6.2	5.2	7.8

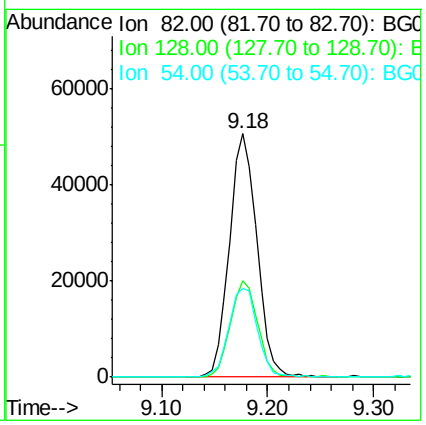


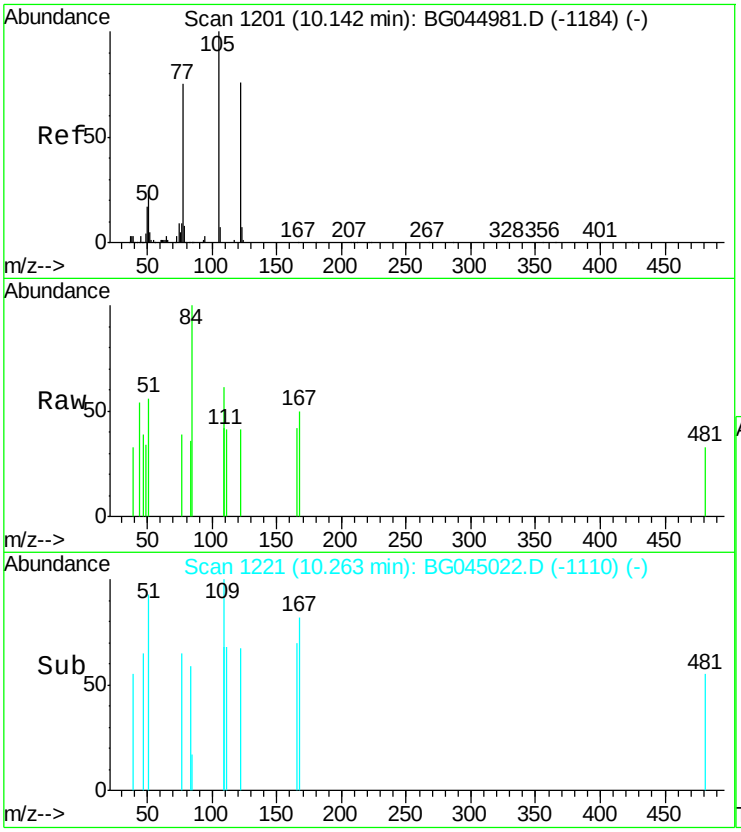


#23
Nitrobenzene-d5
Concen: 11.171 ng
RT: 9.18 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BG045022.D
Acq: 17 Apr 2020 1:28

Tgt Ion: 82 Resp: 90971

Ion	Ratio	Lower	Upper
82	100		
128	39.5	33.0	49.4
54	36.6	30.4	45.6



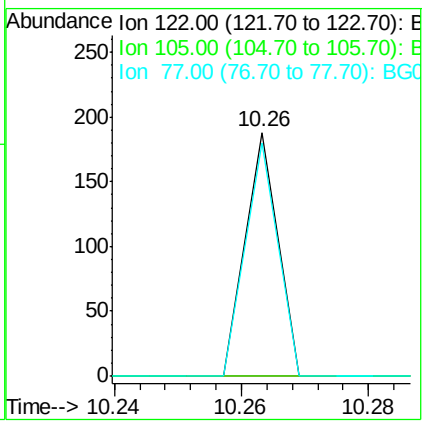


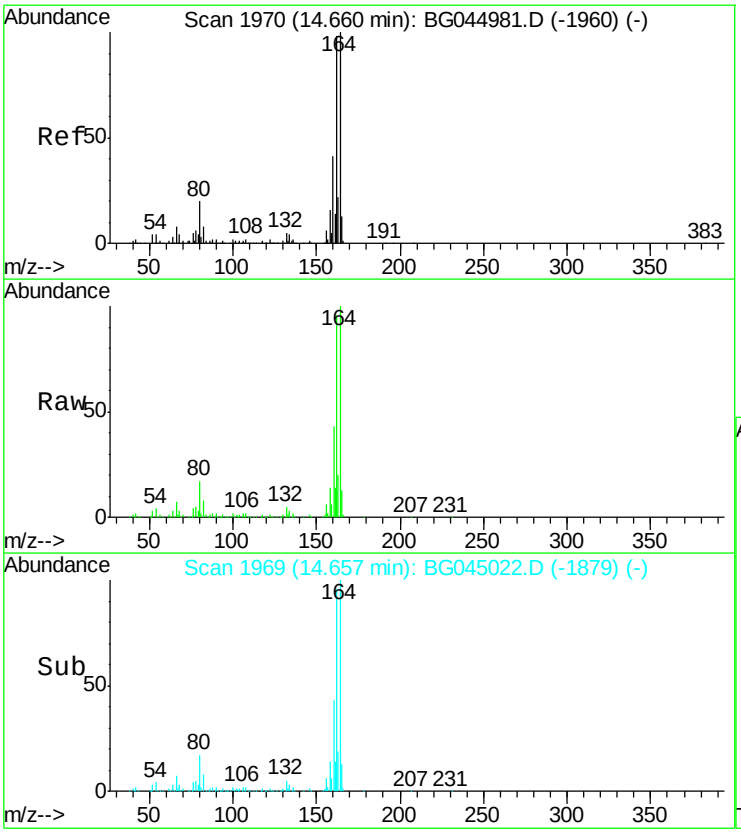
#32
Benzoic acid
Concen: 6.386 ng
RT: 10.26 min Scan# 1221
Delta R.T. 0.12 min
Lab File: BG045022.D
Acq: 17 Apr 2020 1:28

Instrument :
BNA_G
ClientSampleId :
TP-11-SA

Tgt Ion:122 Resp: 66

Ion	Ratio	Lower	Upper
122	100		
105	0.0	108.4	148.4#
77	95.7	78.8	118.8

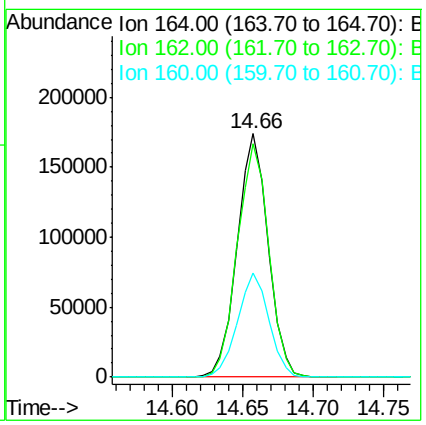


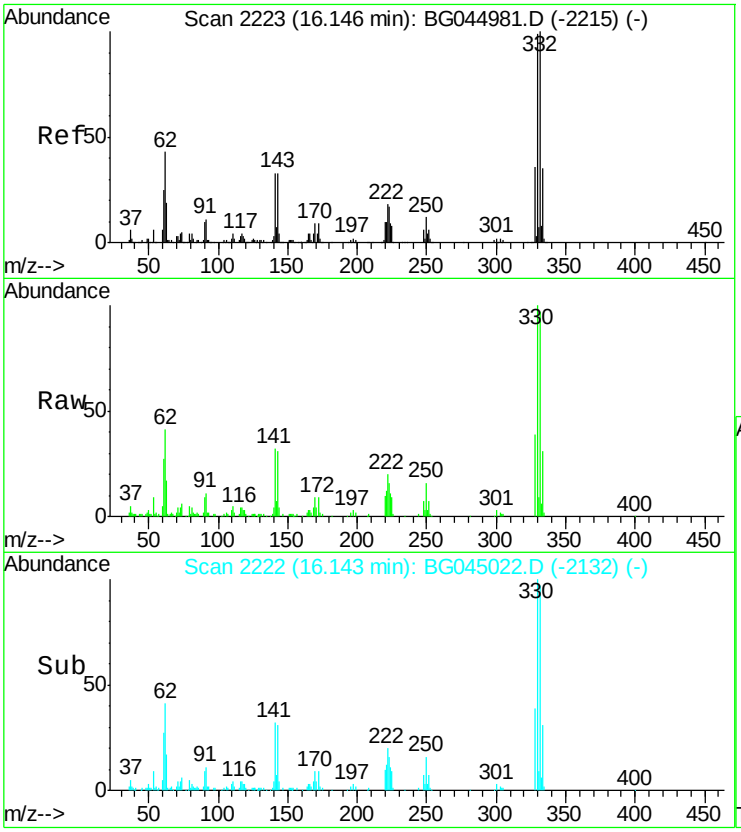


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.00 min
Lab File: BG045022.D
Acq: 17 Apr 2020 1:28

Tgt Ion:164 Resp: 265537

Ion	Ratio	Lower	Upper
164	100		
162	95.8	78.7	118.1
160	42.6	32.8	49.2



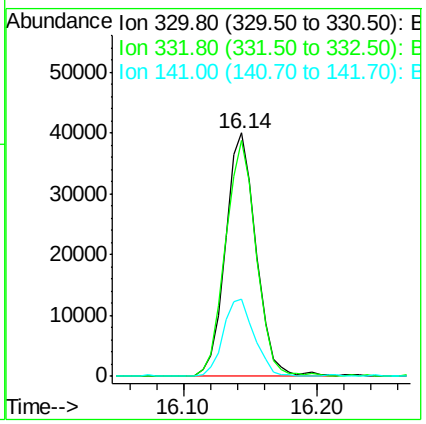


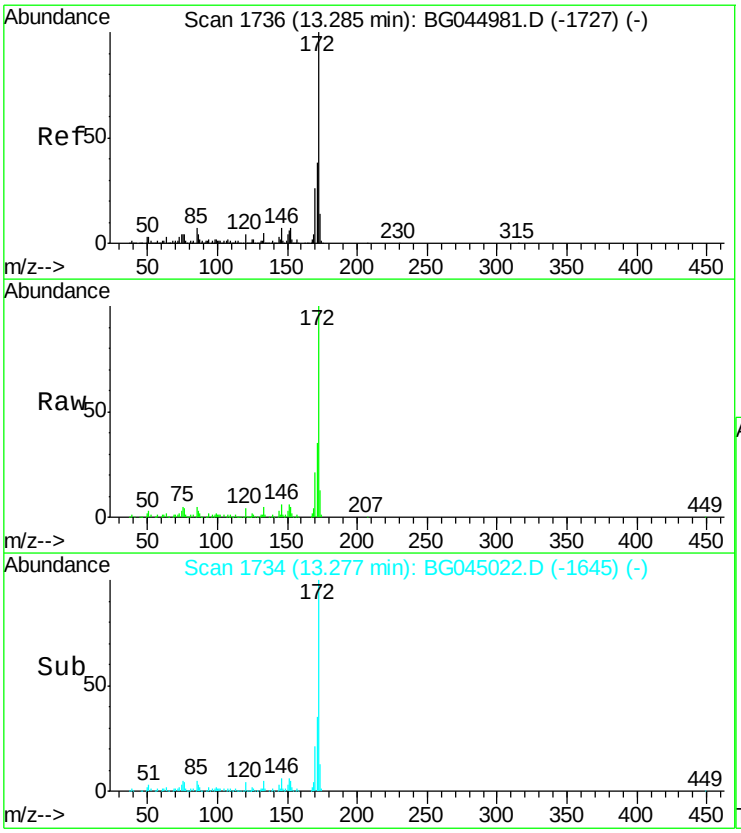
#42
2,4,6-Tribromophenol
Concen: 15.577 ng
RT: 16.14 min Scan# 2222
Delta R.T. -0.00 min
Lab File: BG045022.D
Acq: 17 Apr 2020 1:28

Instrument :
BNA_G
ClientSampleId :
TP-11-SA

Tgt Ion:330 Resp: 63902

Ion	Ratio	Lower	Upper
330	100		
332	97.3	79.1	118.7
141	32.4	27.1	40.7

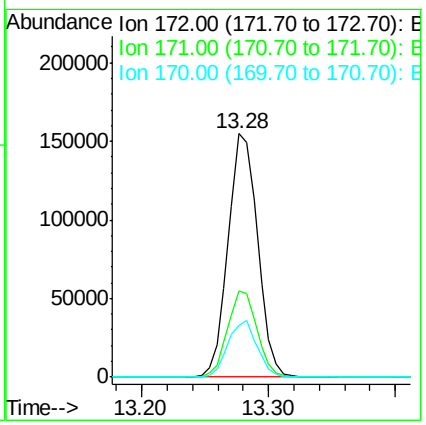


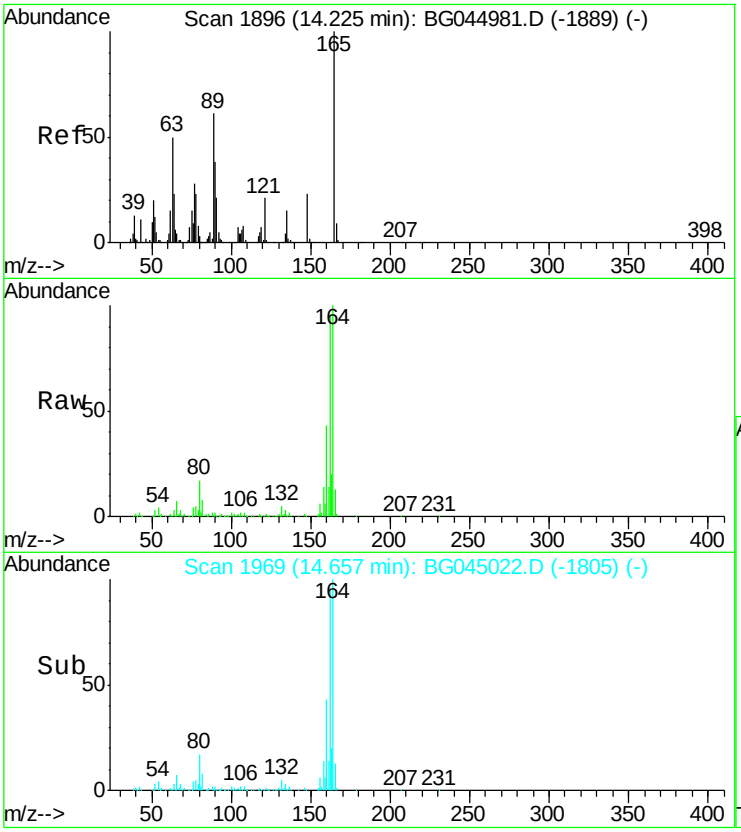


#45
2-Fluorobiphenyl
Concen: 13.697 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.01 min
Lab File: BG045022.D
Acq: 17 Apr 2020 1:28

Tgt Ion:172 Resp: 248033

Ion	Ratio	Lower	Upper
172	100		
171	35.4	30.6	46.0
170	21.4	20.5	30.7



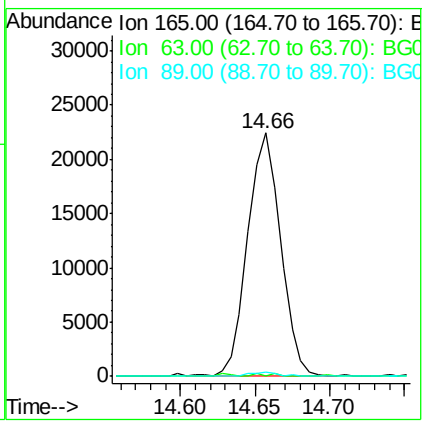


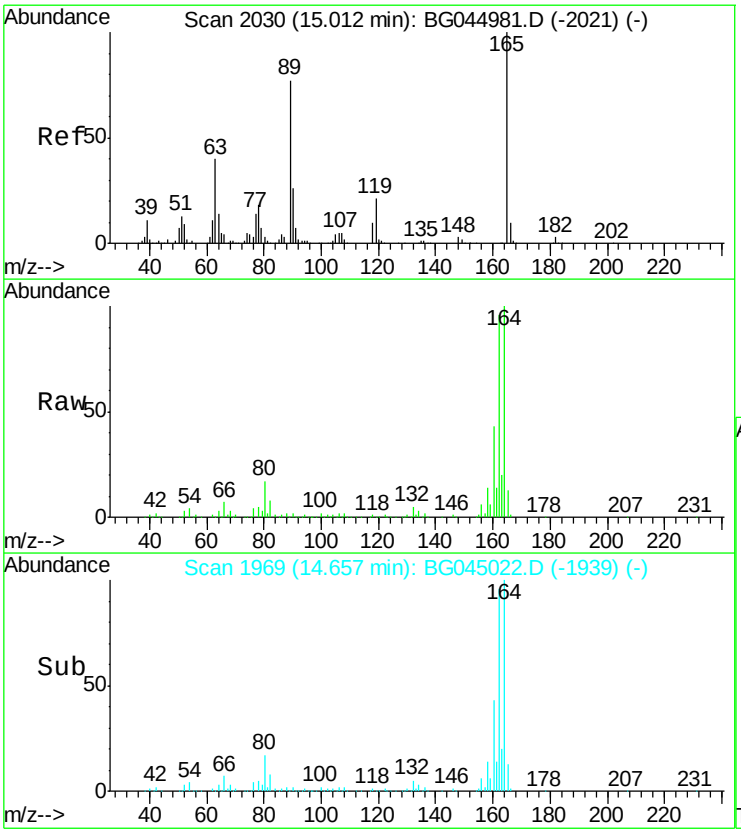
#51
2,6-Dinitrotoluene
Concen: 7.098 ng
RT: 14.66 min Scan# 1969
Delta R.T. 0.43 min
Lab File: BG045022.D
Acq: 17 Apr 2020 1:28

Instrument :
BNA_G
ClientSampleId :
TP-11-SA

Tgt Ion:165 Resp: 34328

Ion	Ratio	Lower	Upper
165	100		
63	0.0	40.4	60.6#
89	1.7	49.1	73.7#

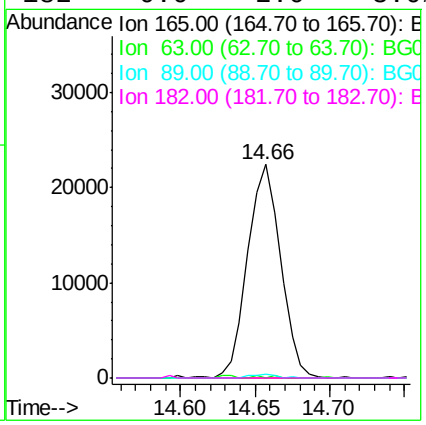


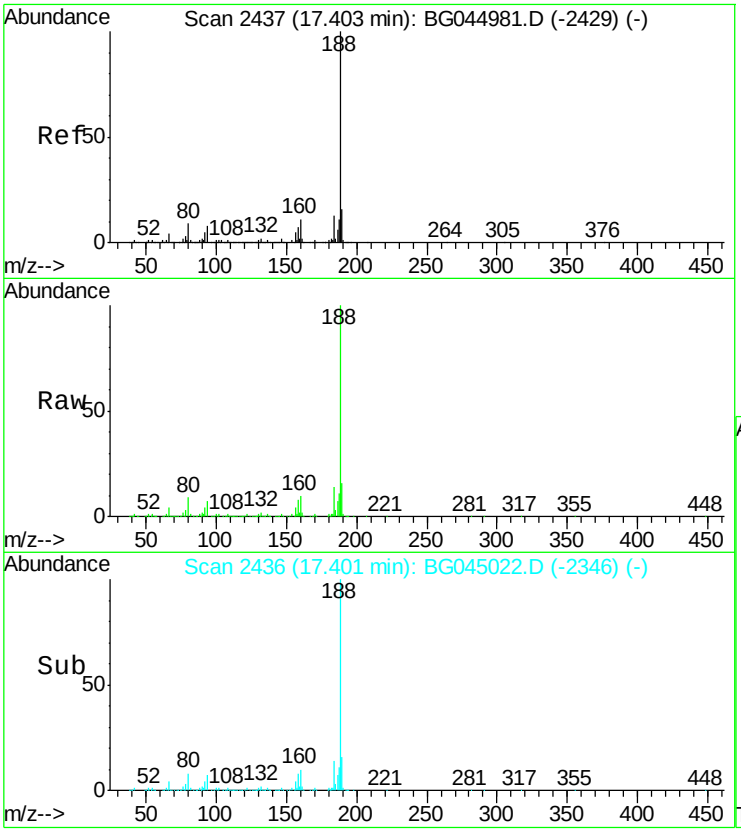


#57
2,4-Dinitrotoluene
Concen: 4.857 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.36 min
Lab File: BG045022.D
Acq: 17 Apr 2020 1:28

Tgt Ion:165 Resp: 34328

Ion	Ratio	Lower	Upper
165	100		
63	0.0	32.2	48.2#
89	1.7	61.7	92.5#
182	0.0	2.0	3.0#



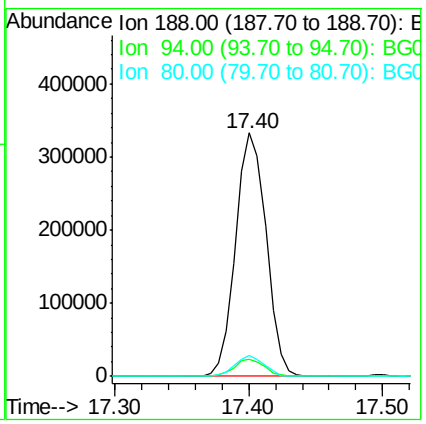


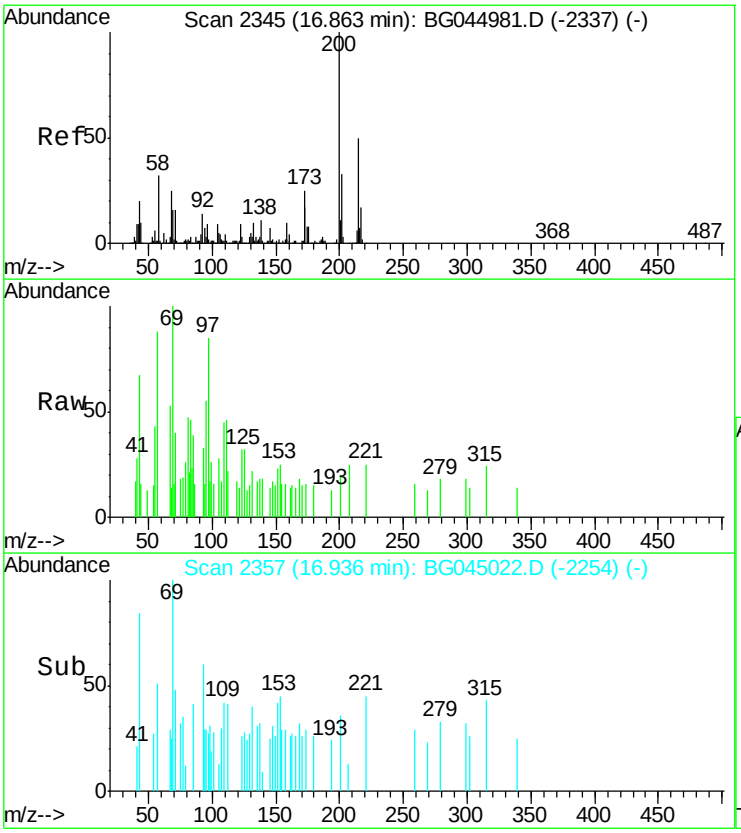
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2436
Delta R.T. -0.00 min
Lab File: BG045022.D
Acq: 17 Apr 2020 1:28

Instrument :
BNA_G
ClientSampleId :
TP-11-SA

Tgt Ion:188 Resp: 525292

Ion	Ratio	Lower	Upper
188	100		
94	7.2	6.2	9.4
80	8.6	7.0	10.6

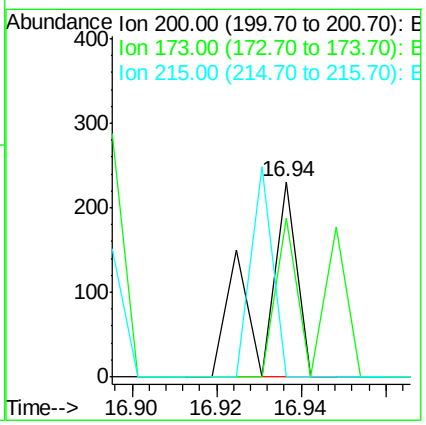


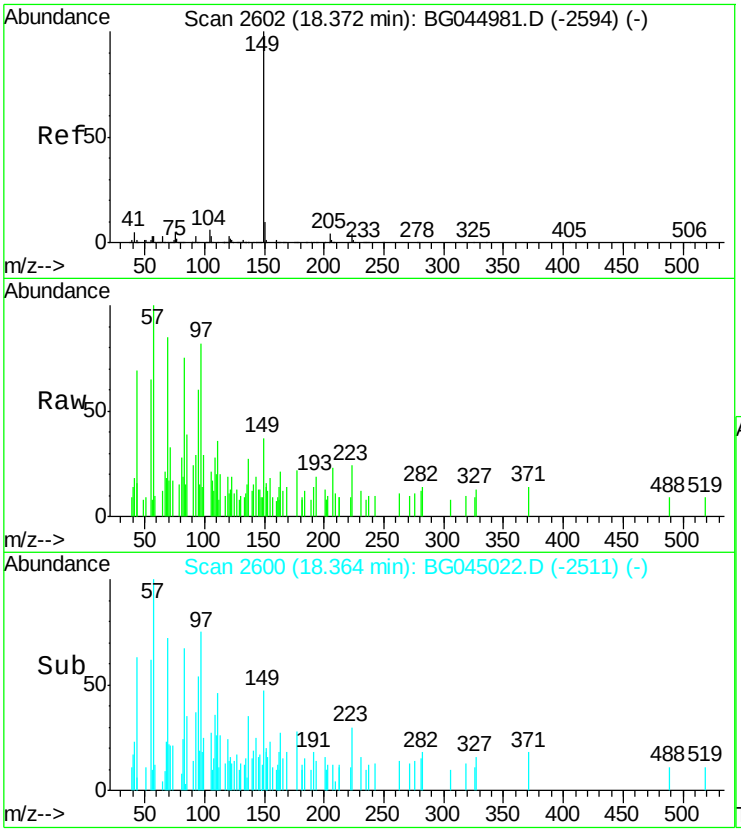


#69
Atrazine
Concen: Below Cal
RT: 16.94 min Scan# 2357
Delta R.T. 0.07 min
Lab File: BG045022.D
Acq: 17 Apr 2020 1:28

Tgt Ion:200 Resp: 134

Ion	Ratio	Lower	Upper
200	100		
173	81.4	4.5	44.5#
215	0.0	30.0	70.0#



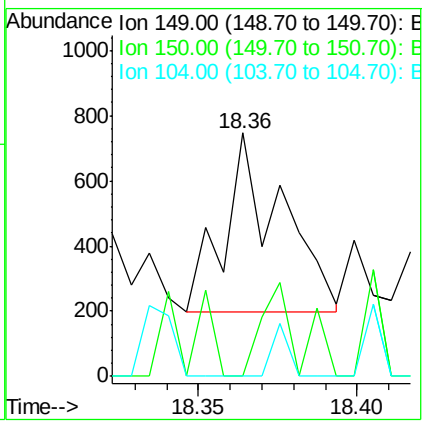


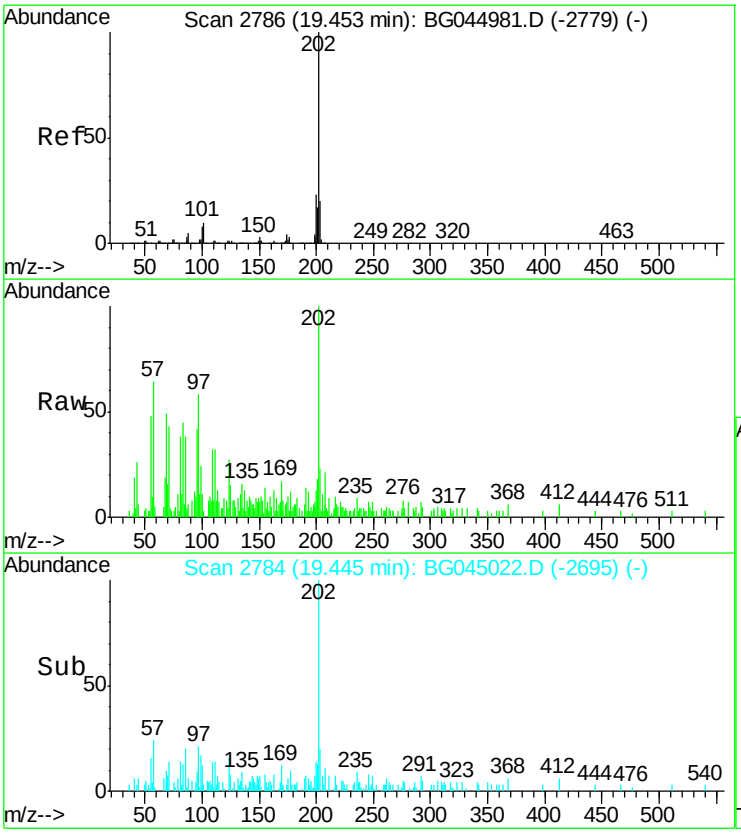
#74
Di-n-butylphthalate
Concen: Below Cal
RT: 18.36 min Scan# 2600
Delta R.T. -0.01 min
Lab File: BG045022.D
Acq: 17 Apr 2020 1:28

Instrument :
BNA_G
ClientSampleId :
TP-11-SA

Tgt Ion:149 Resp: 682

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

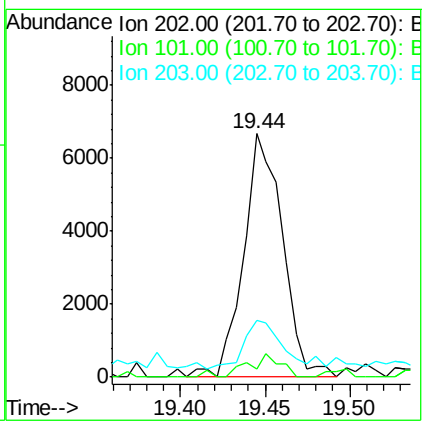


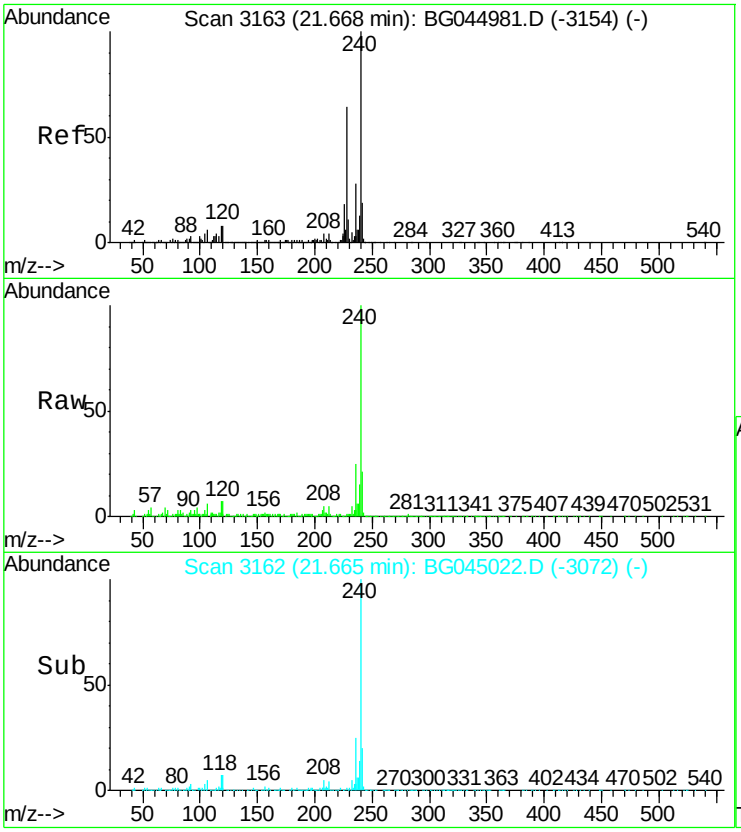


#75
Fluoranthene
Concen: Below Cal
RT: 19.44 min Scan# 2784
Delta R.T. -0.01 min
Lab File: BG045022.D
Acq: 17 Apr 2020 1:28

Tgt Ion:202 Resp: 10673

Ion	Ratio	Lower	Upper
202	100		
101	3.2	0.0	29.6
203	23.3	0.0	39.7



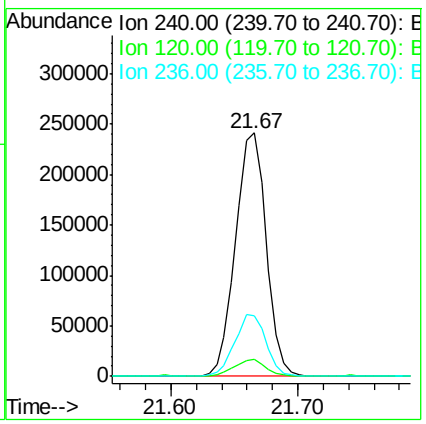


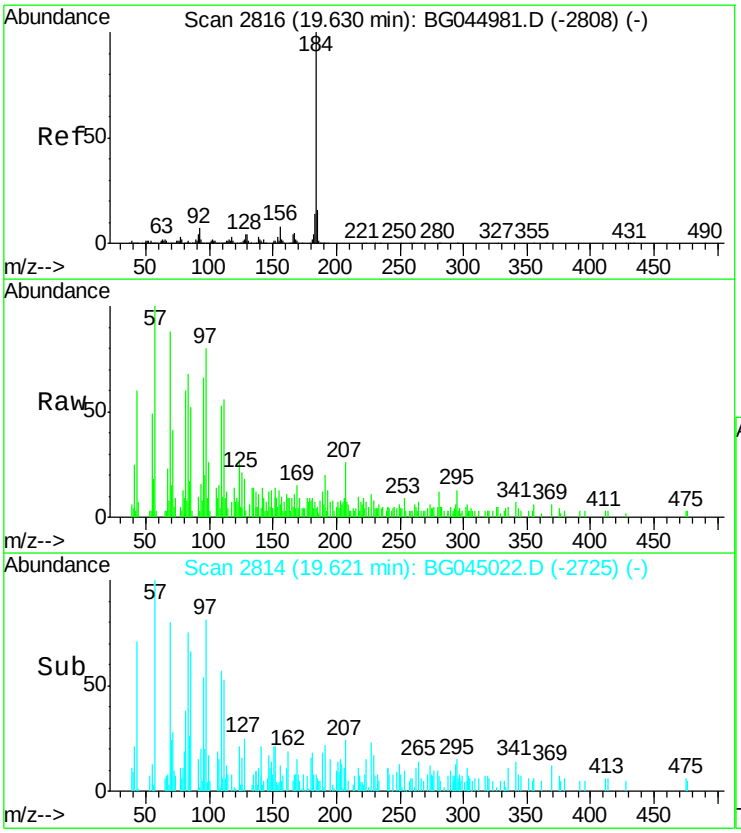
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.67 min Scan# 3162
Delta R.T. -0.00 min
Lab File: BG045022.D
Acq: 17 Apr 2020 1:28

Instrument :
BNA_G
ClientSampleId :
TP-11-SA

Tgt Ion:240 Resp: 405863

Ion	Ratio	Lower	Upper
240	100		
120	7.0	6.6	10.0
236	24.8	22.2	33.2

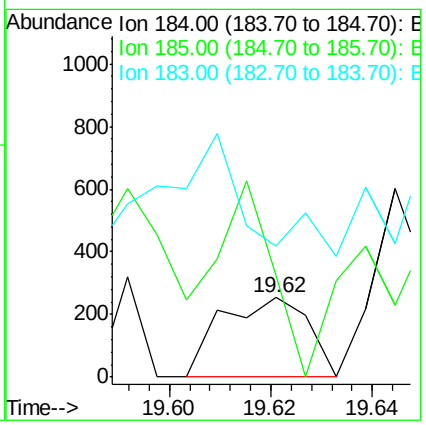


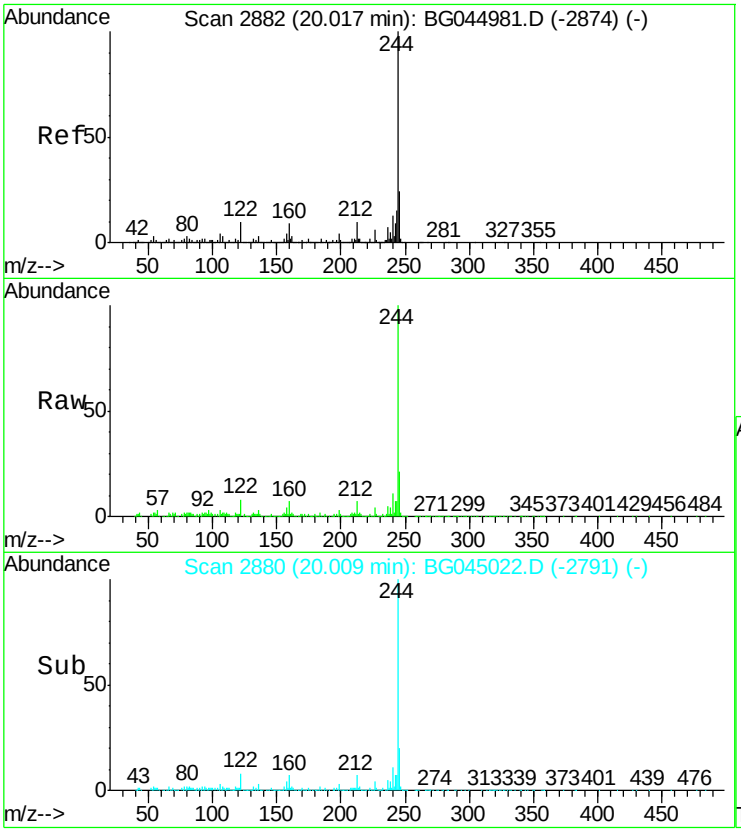


#77
Benzidine
Concen: Below Cal
RT: 19.62 min Scan# 2814
Delta R.T. -0.01 min
Lab File: BG045022.D
Acq: 17 Apr 2020 1:28

Tgt Ion:184 Resp: 301

Ion	Ratio	Lower	Upper
184	100		
185	128.0	12.6	19.0#
183	165.4	11.3	16.9#



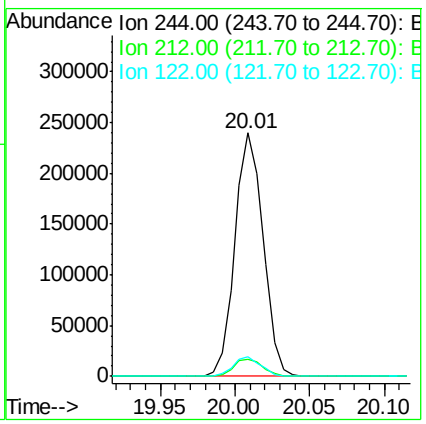


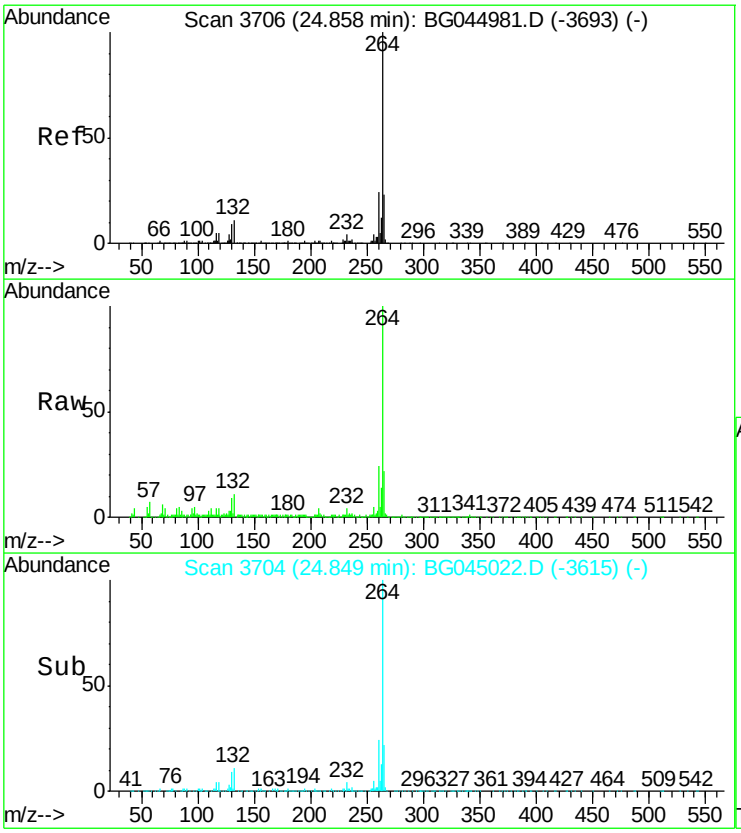
#79
Terphenyl-d14
Concen: 16.981 ng
RT: 20.01 min Scan# 2880
Delta R.T. -0.01 min
Lab File: BG045022.D
Acq: 17 Apr 2020 1:28

Instrument :
BNA_G
ClientSampleId :
TP-11-SA

Tgt Ion:244 Resp: 316203

Ion	Ratio	Lower	Upper
244	100		
212	7.0	7.9	11.9#
122	8.2	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: BG045022.D
Acq: 17 Apr 2020 1:28

Tgt Ion:264 Resp: 439015

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	22.0	19.0	28.4