Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061920\
Data File : BG045811.D
Acq On : 19 Jun 2020 12:06
Operator : CG/JU
Sample : PB129631BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB129631BL

Quant Time: Jun 19 13:21:09 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 15 18:34:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	55956	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	213495	20.00	ng	0.00
39) Acenaphthene-d10	14.57	164	155947	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	364965	20.00	ng	0.00
76) Chrysene-d12	21.57	240	385967	20.00	ng	0.00
86) Perylene-d12	24.70	264	403783	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	394068	118.96	ng	-0.01
7) Phenol-d6	7.15	99	554488	110.05	ng	-0.02
23) Nitrobenzene-d5	9.08	82	386014	82.60	ng	0.00
42) 2,4,6-Tribromophenol	16.06	330	282470	119.98	ng	0.00
45) 2-Fluorobiphenyl	13.19	172	888083	83.69	ng	0.00
79) Terphenyl-d14	19.94	244	1707855	89.67	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.08	70	54051	16.317	ng	# 78
32) Benzoic acid	10.10	122	59	9.001	ng	# 1
41) Hexachlorocyclopentadiene	13.10	237	63	8.439	ng	# 27
51) 2,6-Dinitrotoluene	14.56	165	21020	7.661	ng	# 25
57) 2,4-Dinitrotoluene	14.56	165	21020	5.347	ng	# 23
67) 4-Bromophenyl-phenylether	16.06	248	19507	4.113	ng	# 1
70) Pentachlorophenol	16.63	266	56	7.653	ng	# 17
77) Benzidine	19.94	184	32742	3.263	ng	# 86

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

Quantitation Report (Not Reviewed)

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Misc :
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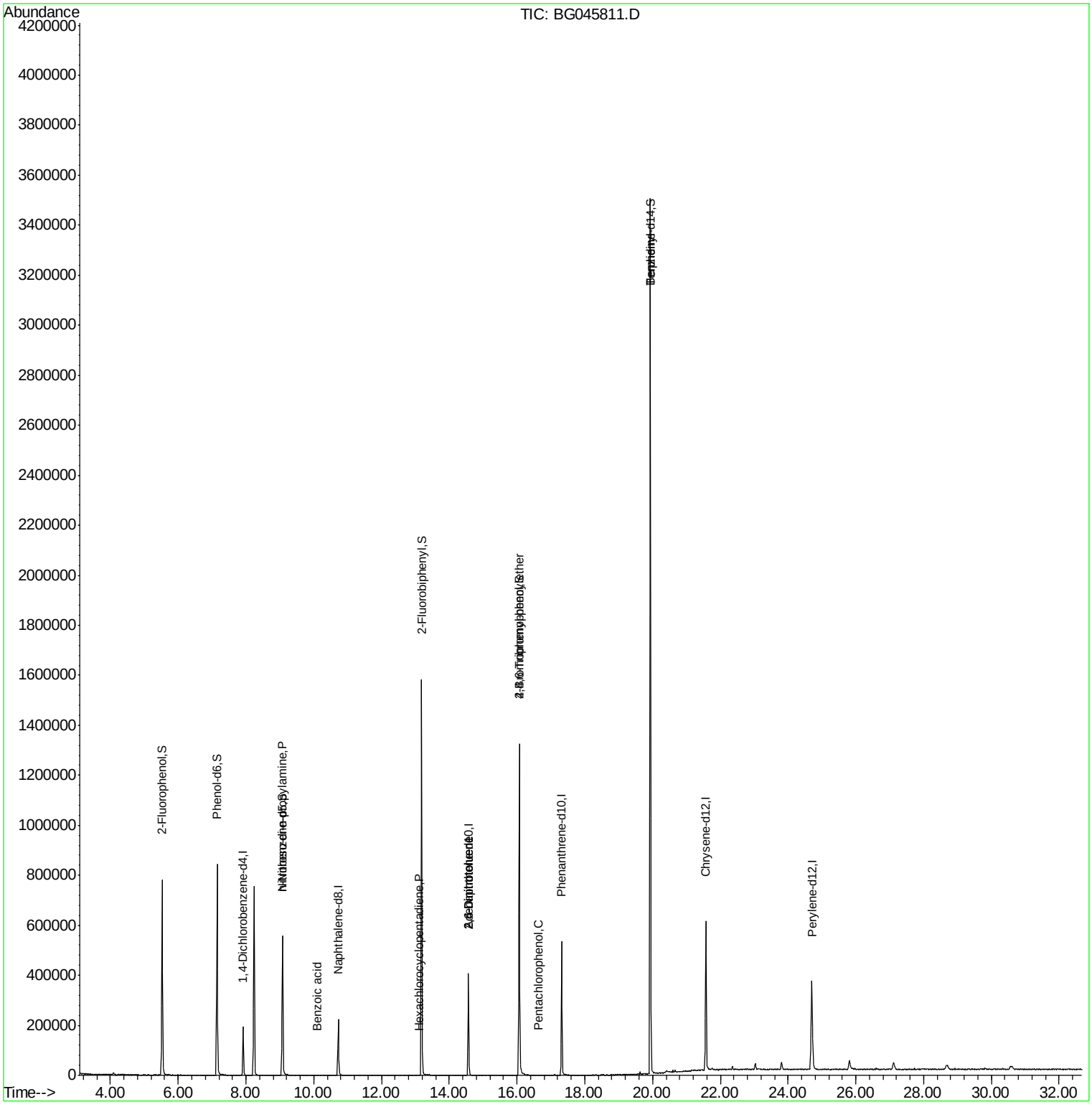
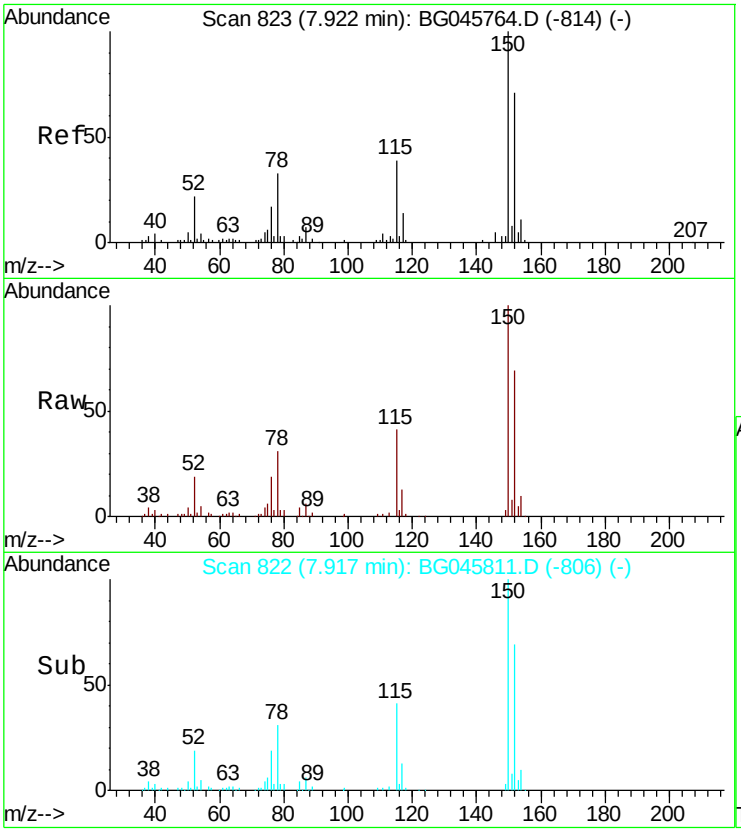


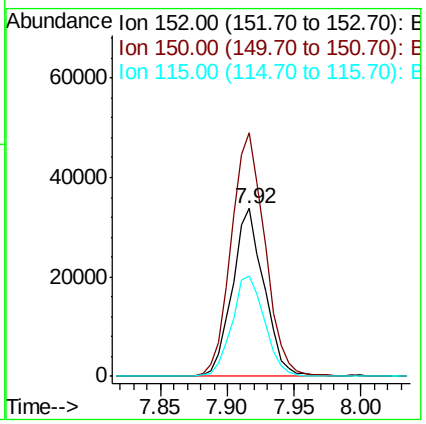


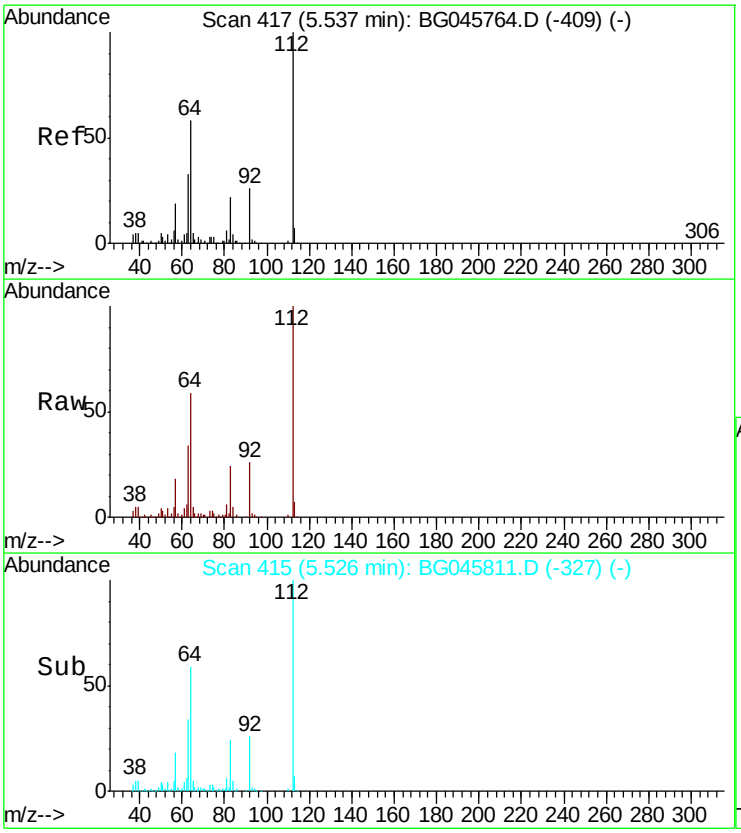
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.92 min Scan# 822
Delta R.T. -0.01 min
Lab File: BG045811.D
Acq: 19 Jun 2020 12:06

Instrument :
BNA_G
ClientSampleId :
PB129631BL

Tgt Ion:152 Resp: 55956

Ion	Ratio	Lower	Upper
152	100		
150	145.0	113.1	169.7
115	59.6	43.8	65.6

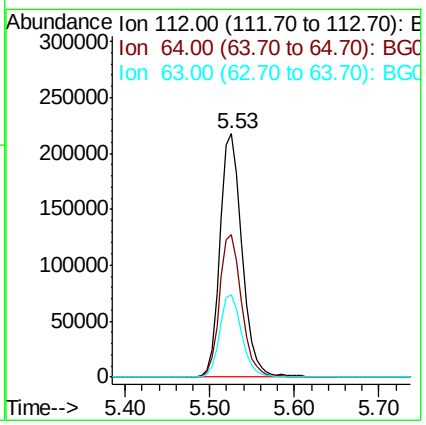


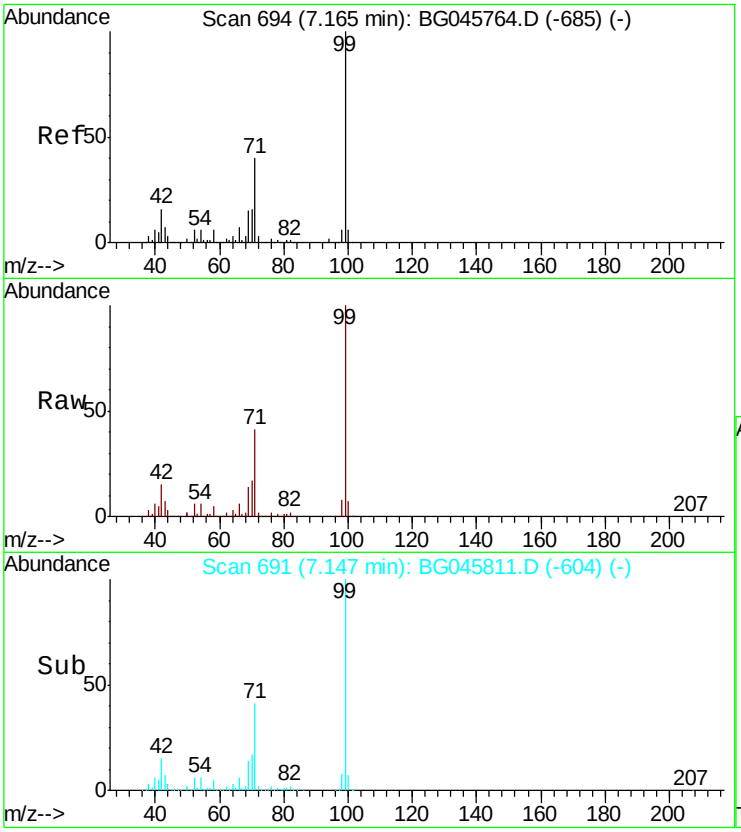


#5
2-Fluorophenol
Concen: 118.964 ng
RT: 5.53 min Scan# 415
Delta R.T. -0.01 min
Lab File: BG045811.D
Acq: 19 Jun 2020 12:06

Tgt Ion:112 Resp: 394068

Ion	Ratio	Lower	Upper
112	100		
64	58.6	46.6	69.8
63	33.8	26.3	39.5



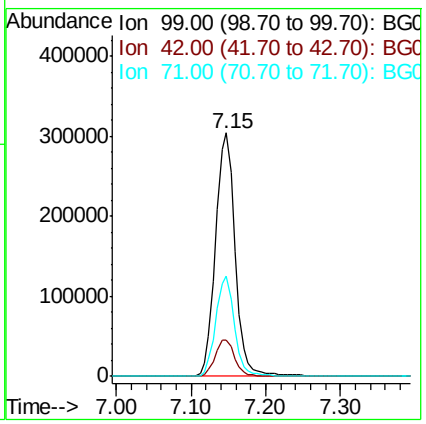


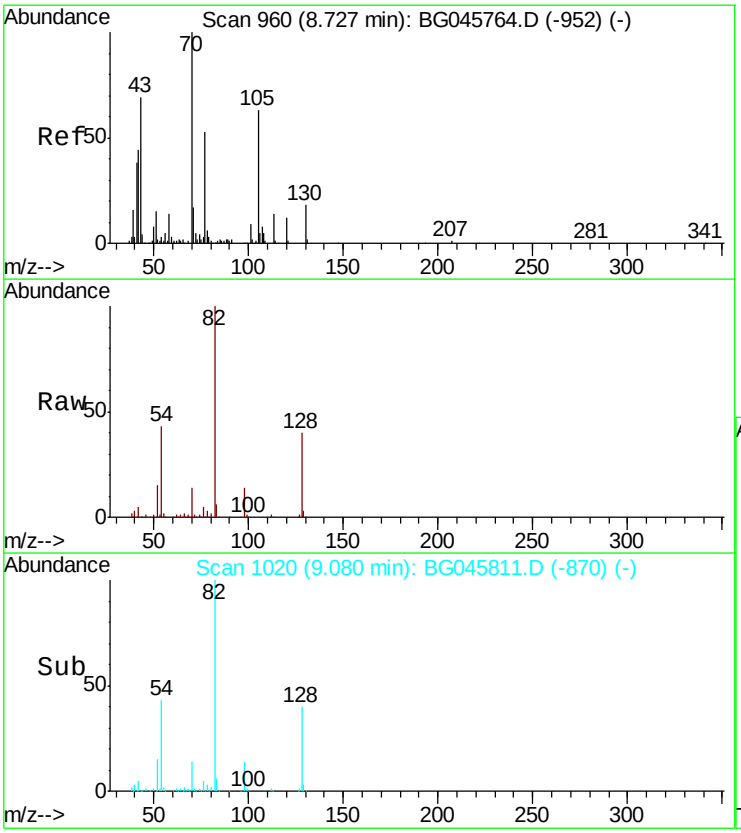
#7
Phenol-d6
Concen: 110.048 ng
RT: 7.15 min Scan# 691
Delta R.T. -0.02 min
Lab File: BG045811.D
Acq: 19 Jun 2020 12:06

Instrument :
BNA_G
ClientSampleId :
PB129631BL

Tgt Ion: 99 Resp: 554488

Ion	Ratio	Lower	Upper
99	100		
42	15.1	12.4	18.6
71	41.3	32.1	48.1

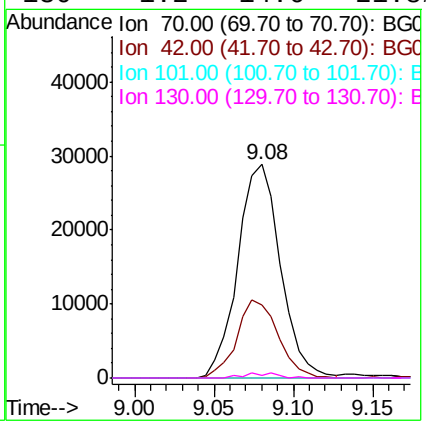


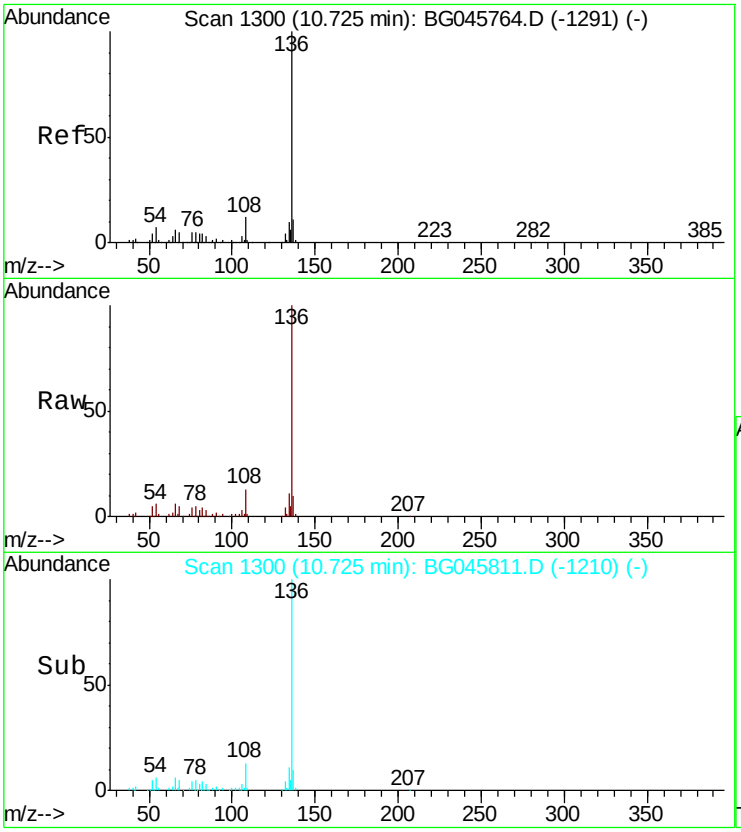


#19
n-Nitroso-di-n-propylamine
Concen: 16.317 ng
RT: 9.08 min Scan# 1020
Delta R.T. 0.35 min
Lab File: BG045811.D
Acq: 19 Jun 2020 12:06

Tgt Ion: 70 Resp: 54051

Ion	Ratio	Lower	Upper
70	100		
42	34.2	35.1	52.7#
101	0.0	7.4	11.0#
130	1.2	14.6	21.8#



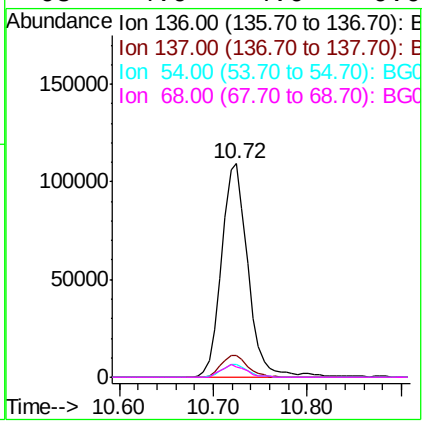


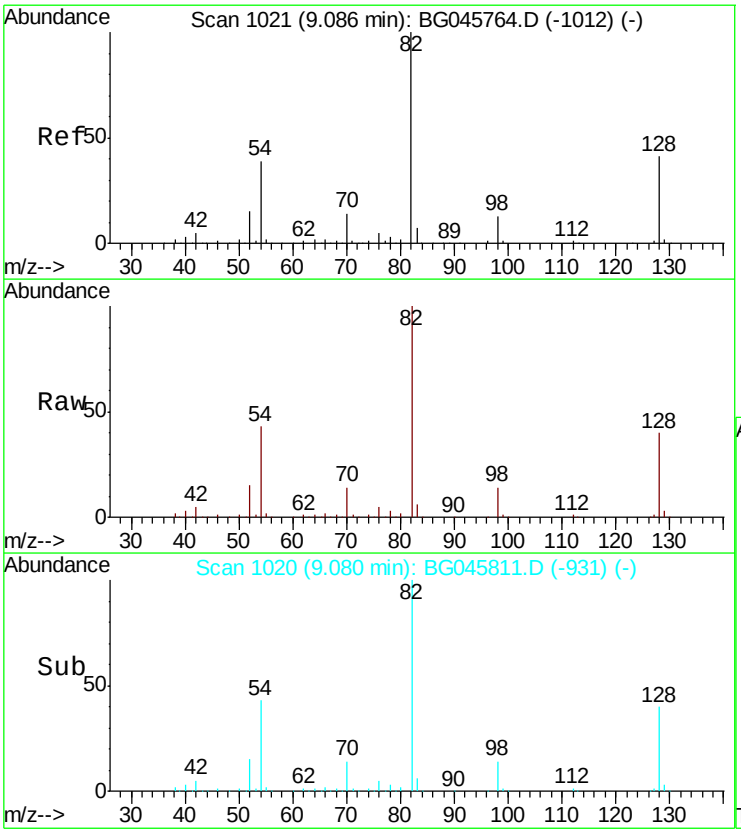
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.72 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BG045811.D
Acq: 19 Jun 2020 12:06

Instrument :
BNA_G
ClientSampleId :
PB129631BL

Tgt Ion:136 Resp: 213495

Ion	Ratio	Lower	Upper
136	100		
137	10.0	8.7	13.1
54	6.0	5.8	8.6
68	4.9	4.0	6.0

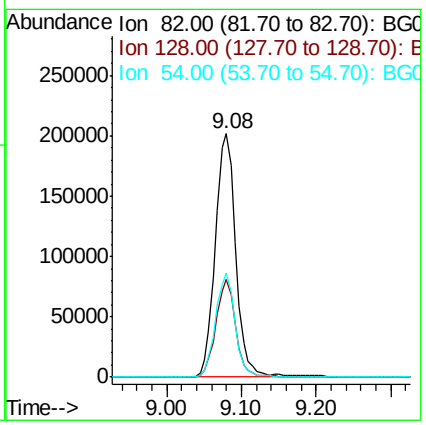


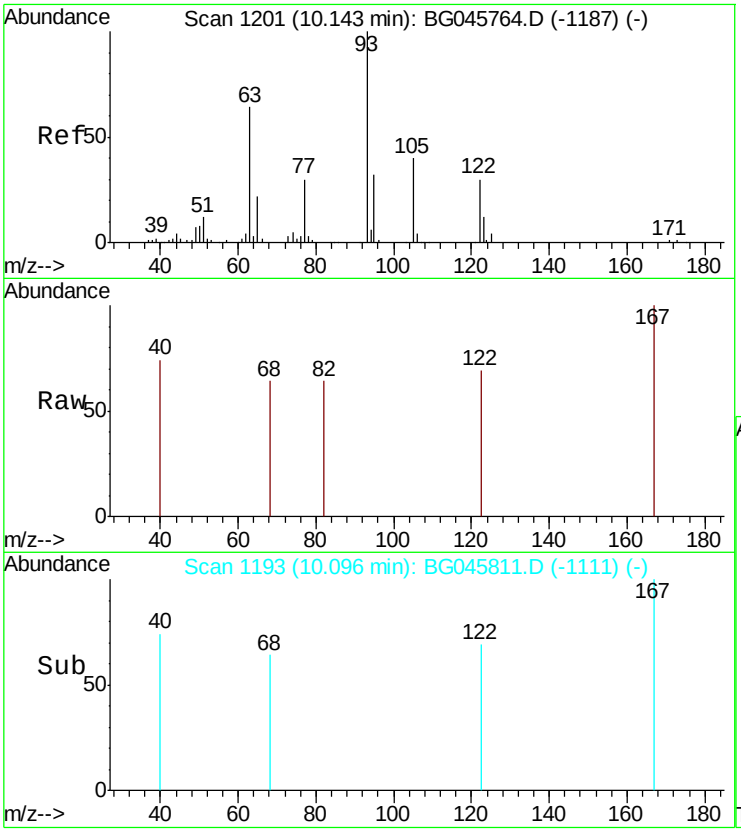


#23
Nitrobenzene-d5
Concen: 82.599 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BG045811.D
Acq: 19 Jun 2020 12:06

Tgt Ion: 82 Resp: 386014

Ion	Ratio	Lower	Upper
82	100		
128	40.1	32.5	48.7
54	42.7	31.2	46.8



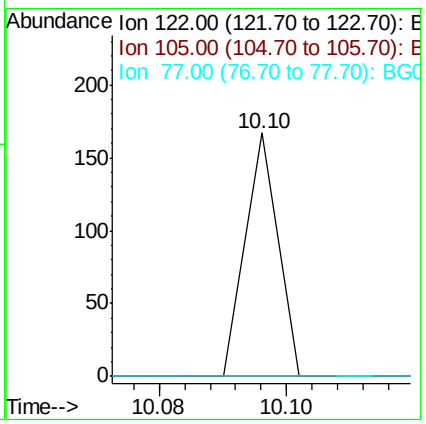


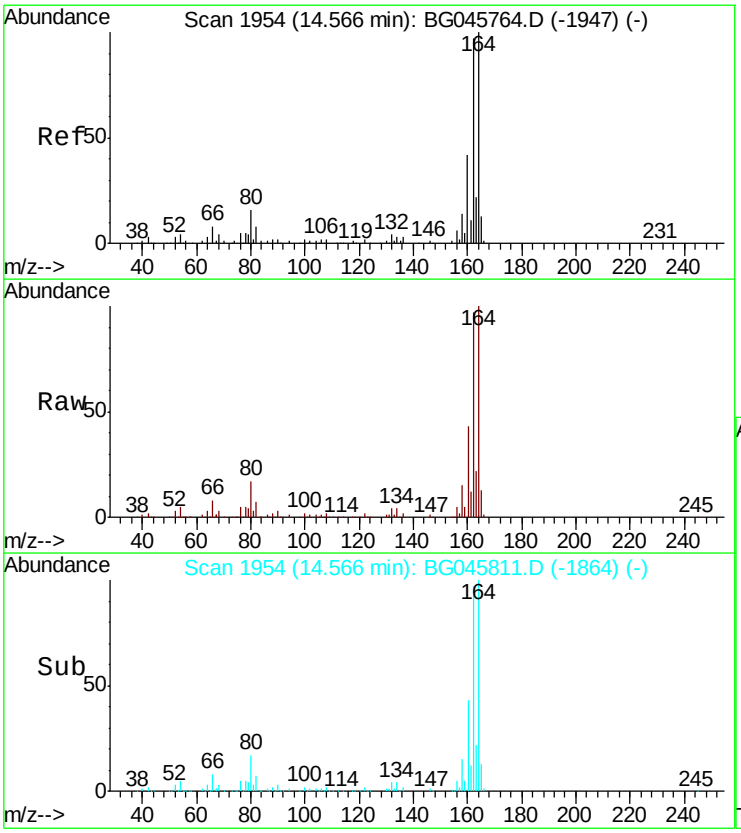
#32
Benzoic acid
Concen: 9.001 ng
RT: 10.10 min Scan# 1193
Delta R.T. -0.05 min
Lab File: BG045811.D
Acq: 19 Jun 2020 12:06

Instrument :
BNA_G
ClientSampleId :
PB129631BL

Tgt Ion:122 Resp: 59

Ion	Ratio	Lower	Upper
122	100		
105	0.0	112.9	152.9#
77	0.0	79.2	119.2#

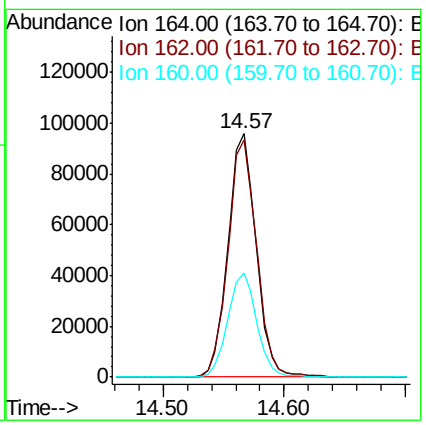


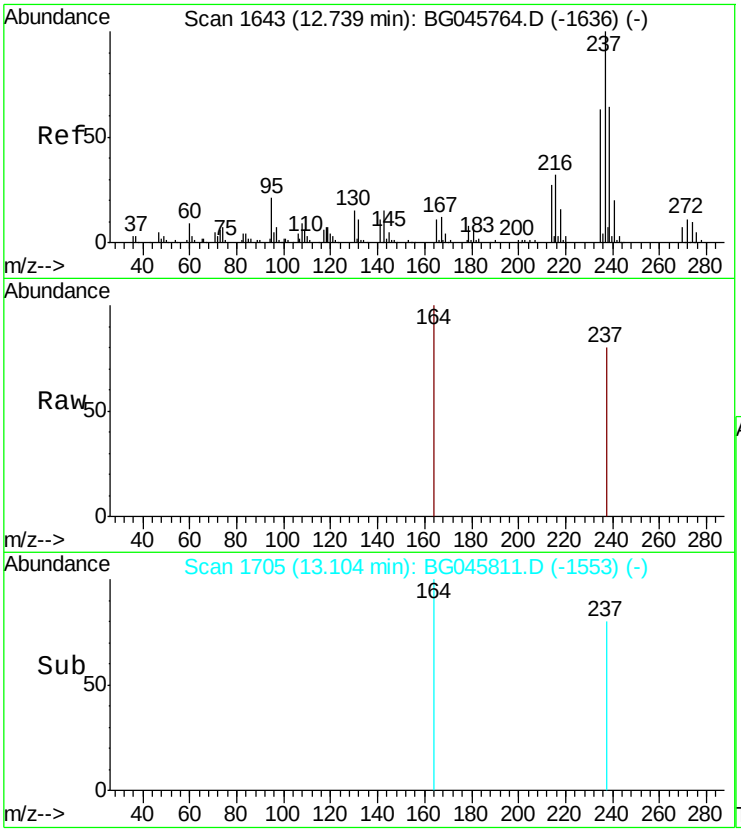


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.57 min Scan# 1954
Delta R.T. 0.00 min
Lab File: BG045811.D
Acq: 19 Jun 2020 12:06

Tgt Ion:164 Resp: 155947

Ion	Ratio	Lower	Upper
164	100		
162	97.4	77.4	116.0
160	42.6	33.3	49.9



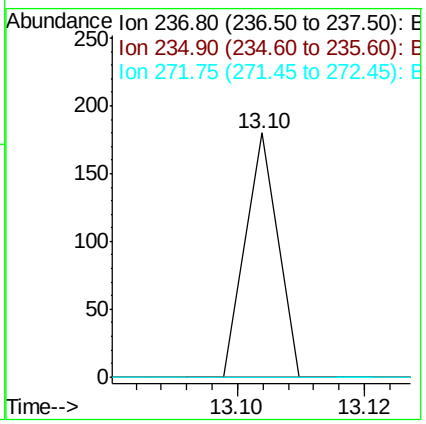


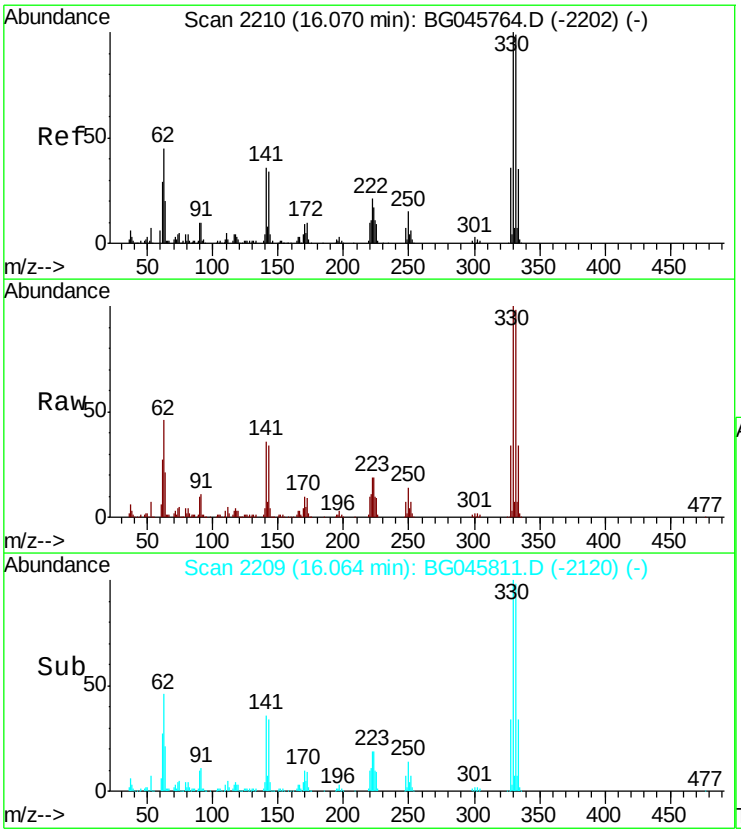
#41
Hexachlorocyclopentadiene
Concen: 8.439 ng
RT: 13.10 min Scan# 1705
Delta R.T. 0.36 min
Lab File: BG045811.D
Acq: 19 Jun 2020 12:06

Instrument :
BNA_G
ClientSampleId :
PB129631BL

Tgt Ion:237 Resp: 63

Ion	Ratio	Lower	Upper
237	100		
235	0.0	42.9	82.9#
272	0.0	0.0	30.9

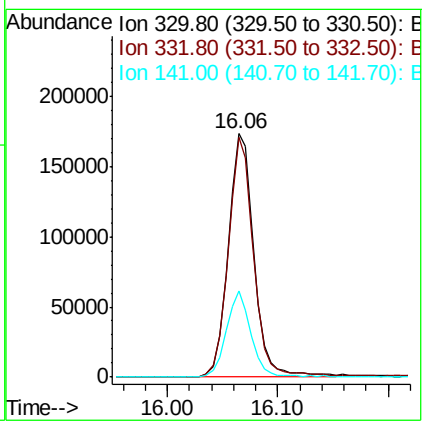


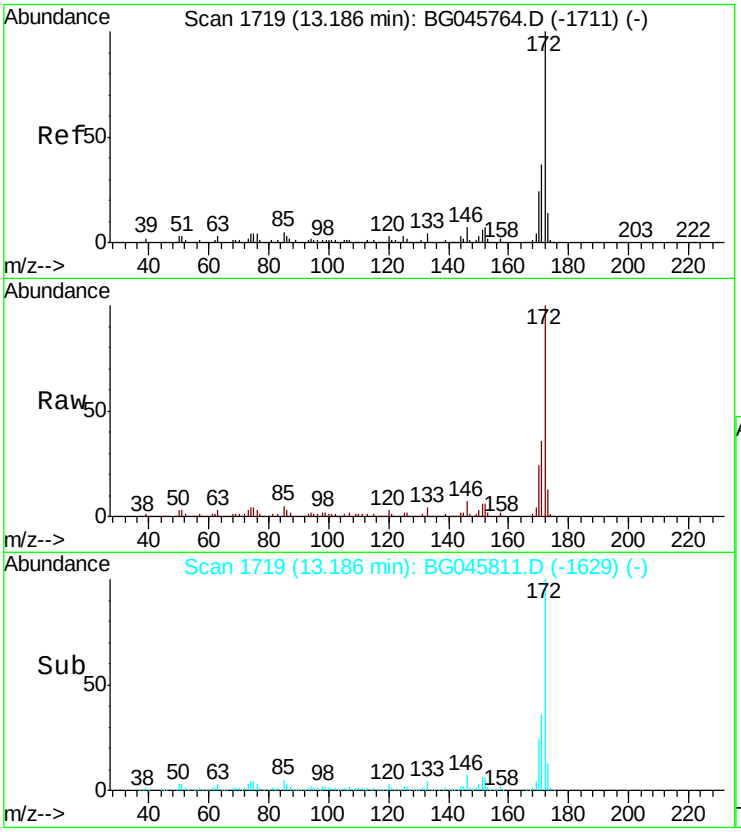


#42
2,4,6-Tribromophenol
Concen: 119.976 ng
RT: 16.06 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BG045811.D
Acq: 19 Jun 2020 12:06

Tgt Ion:330 Resp: 282470

Ion	Ratio	Lower	Upper
330	100		
332	98.2	78.6	117.8
141	34.3	28.2	42.4



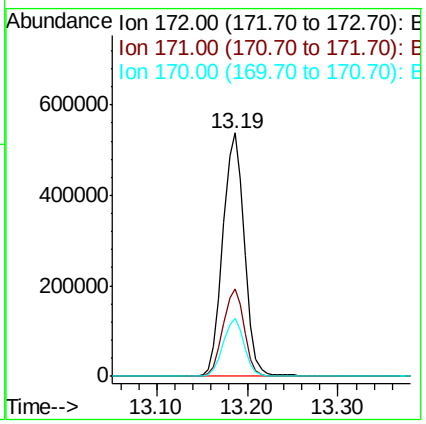


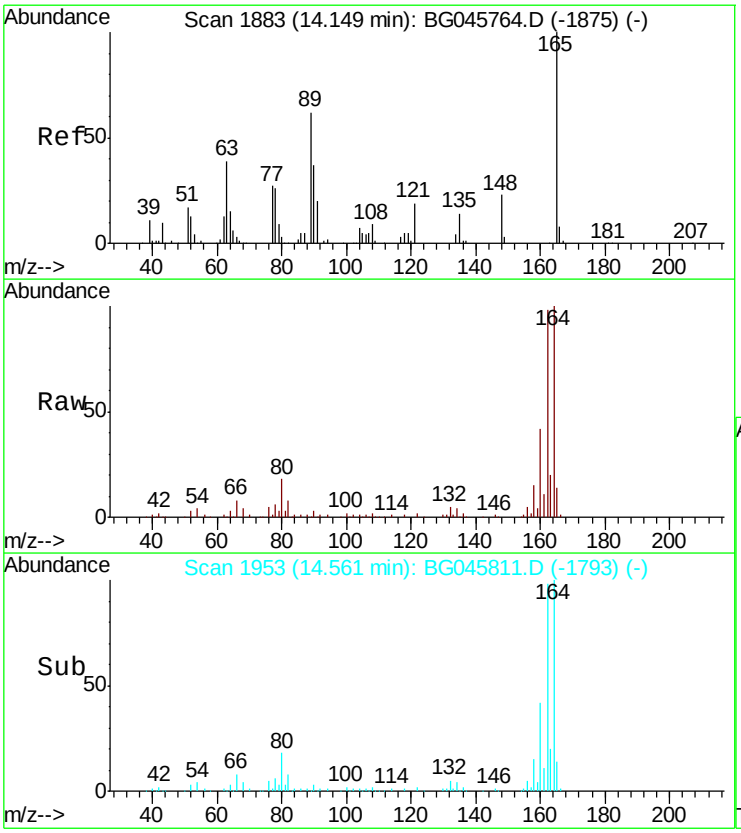
#45
2-Fluorobiphenyl
Concen: 83.688 ng
RT: 13.19 min Scan# 1719
Delta R.T. 0.00 min
Lab File: BG045811.D
Acq: 19 Jun 2020 12:06

Instrument : BNA_G
ClientSampleId : PB129631BL

Tgt Ion:172 Resp: 888083

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.9	44.9
170	24.0	19.3	28.9

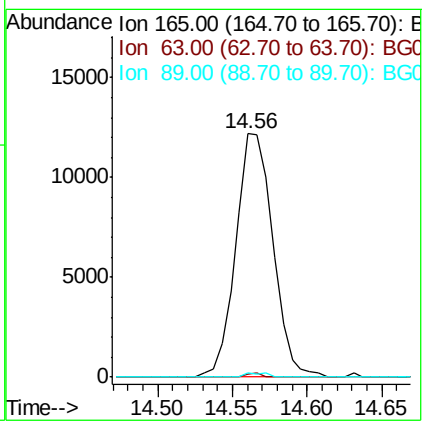


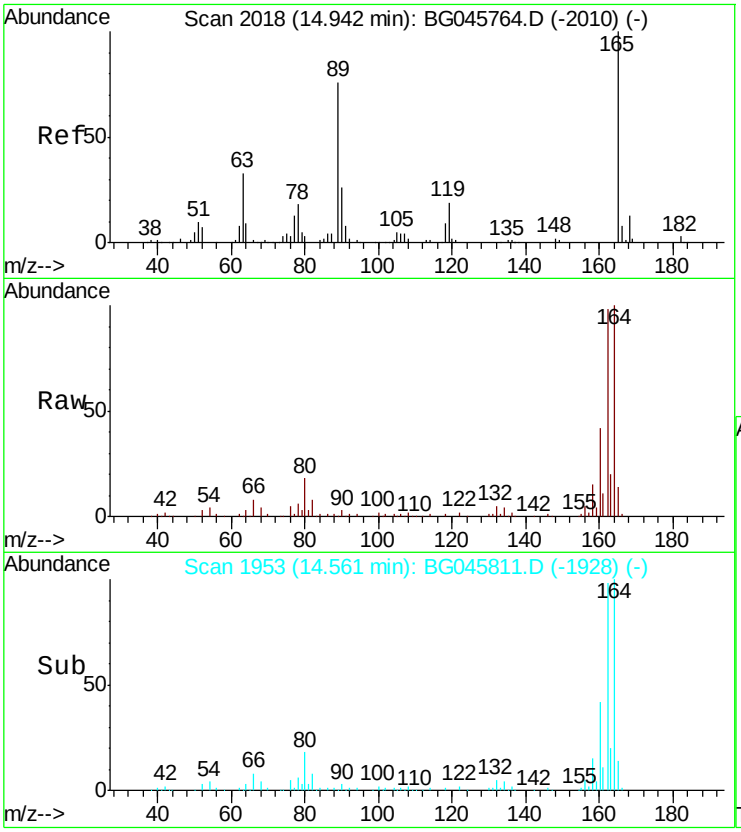


#51
2,6-Dinitrotoluene
Concen: 7.661 ng
RT: 14.56 min Scan# 1953
Delta R.T. 0.41 min
Lab File: BG045811.D
Acq: 19 Jun 2020 12:06

Tgt Ion:165 Resp: 21020

Ion	Ratio	Lower	Upper
165	100		
63	1.5	41.2	61.8#
89	1.8	49.7	74.5#



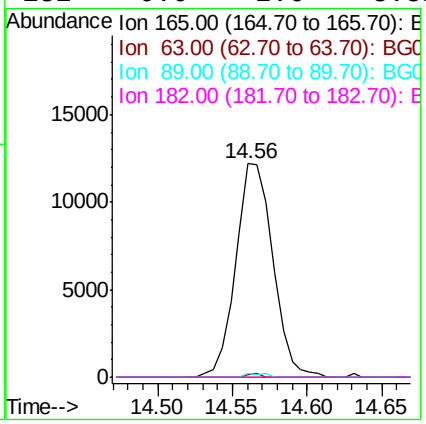


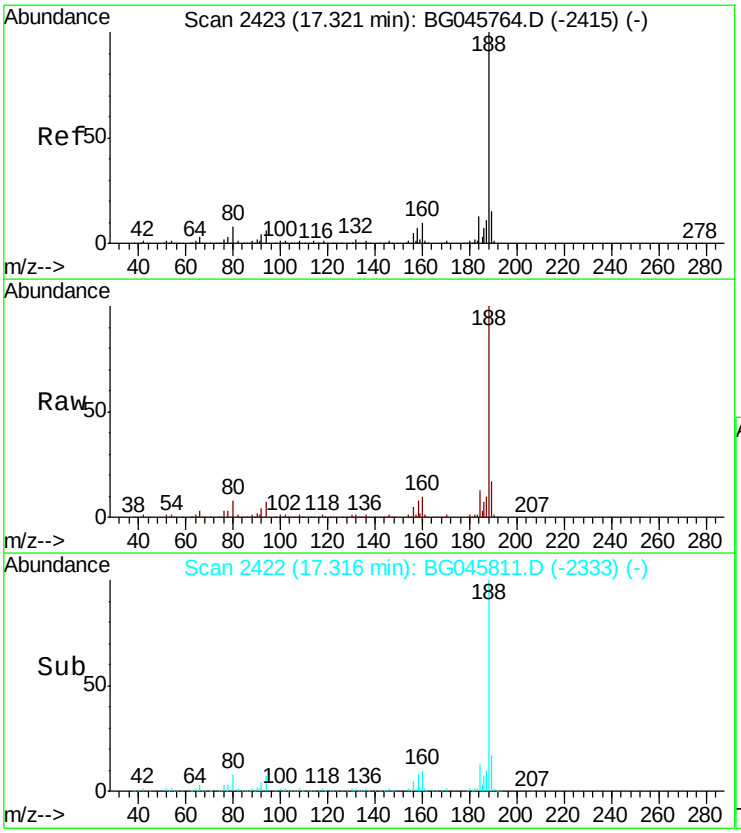
#57
2,4-Dinitrotoluene
Concen: 5.347 ng
RT: 14.56 min Scan# 1953
Delta R.T. -0.38 min
Lab File: BG045811.D
Acq: 19 Jun 2020 12:06

Instrument :
BNA_G
ClientSampleId :
PB129631BL

Tgt Ion:165 Resp: 21020

Ion	Ratio	Lower	Upper
165	100		
63	1.5	33.8	50.8#
89	1.8	60.4	90.6#
182	0.0	2.6	3.8#

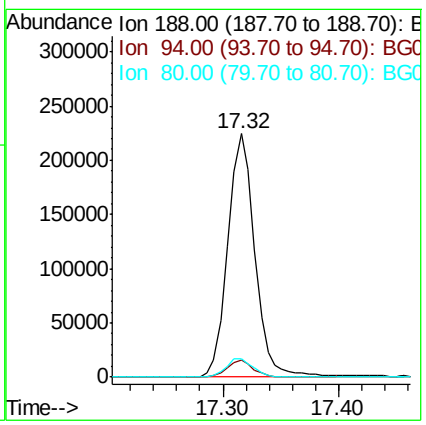


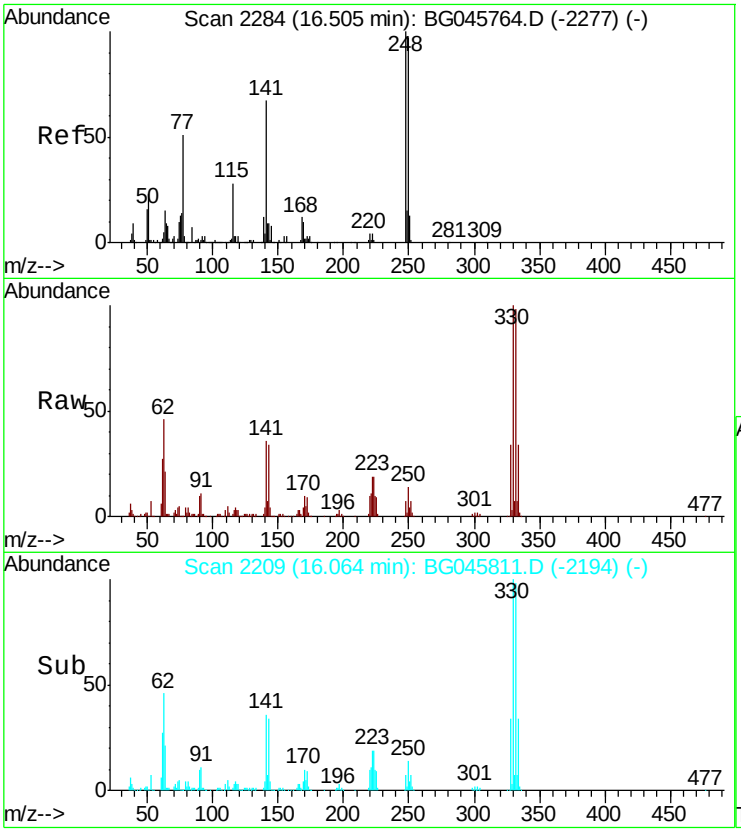


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.32 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG045811.D
Acq: 19 Jun 2020 12:06

Tgt Ion:188 Resp: 364965

Ion	Ratio	Lower	Upper
188	100		
94	7.2	5.1	7.7
80	7.6	6.2	9.4



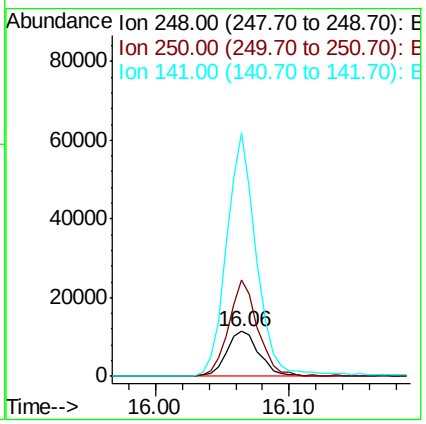


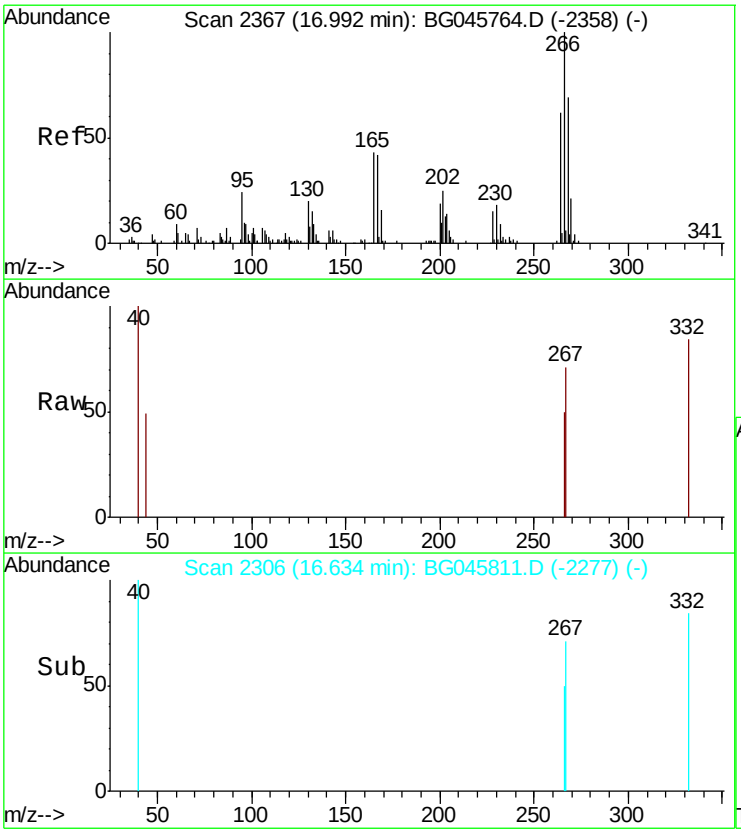
#67
4-Bromophenyl-phenylether
Concen: 4.113 ng
RT: 16.06 min Scan# 2209
Delta R.T. -0.44 min
Lab File: BG045811.D
Acq: 19 Jun 2020 12:06

Instrument :
BNA_G
ClientSampleId :
PB129631BL

Tgt Ion:248 Resp: 19507

Ion	Ratio	Lower	Upper
248	100		
250	214.2	78.0	117.0#
141	538.9	53.9	80.9#

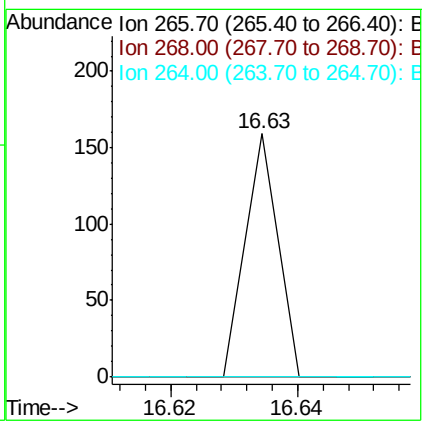


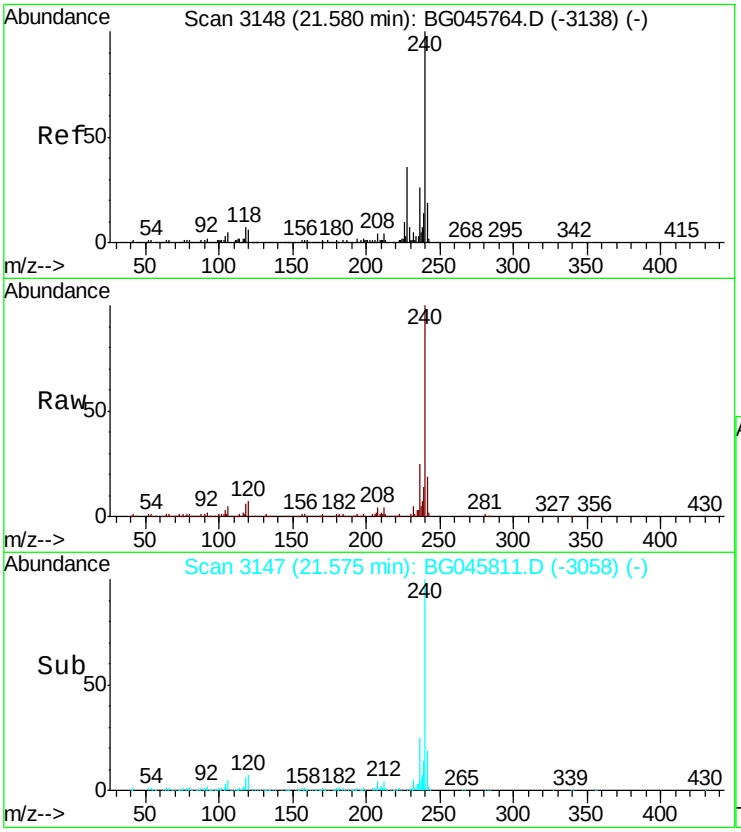


#70
Pentachlorophenol
Concen: 7.653 ng
RT: 16.63 min Scan# 2306
Delta R.T. -0.36 min
Lab File: BG045811.D
Acq: 19 Jun 2020 12:06

Tgt Ion:266 Resp: 56

Ion	Ratio	Lower	Upper
266	100		
268	0.0	55.4	83.0#
264	0.0	49.8	74.6#



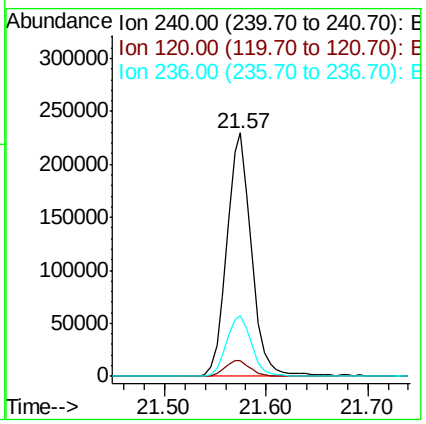


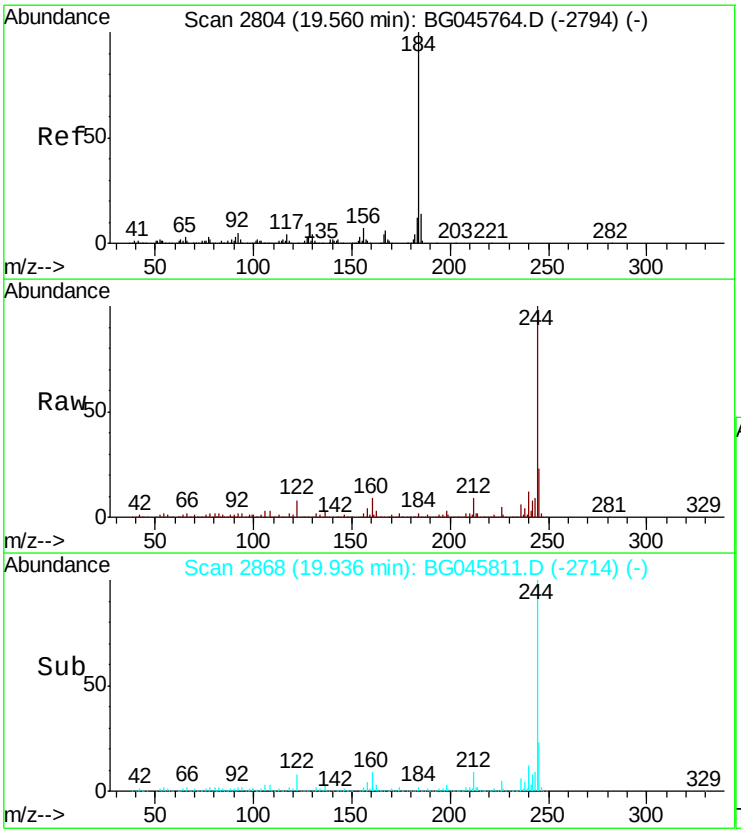
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.57 min Scan# 3147
Delta R.T. -0.01 min
Lab File: BG045811.D
Acq: 19 Jun 2020 12:06

Instrument :
BNA_G
ClientSampleId :
PB129631BL

Tgt Ion:240 Resp: 385967

Ion	Ratio	Lower	Upper
240	100		
120	6.5	5.0	7.4
236	24.8	20.6	30.8

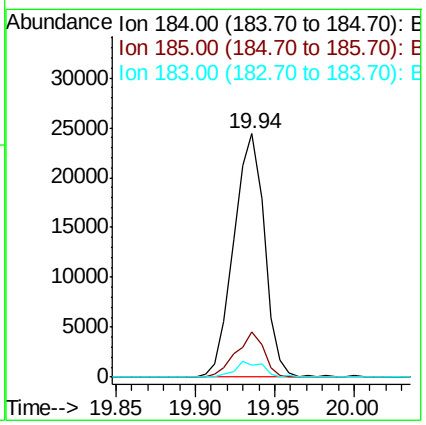


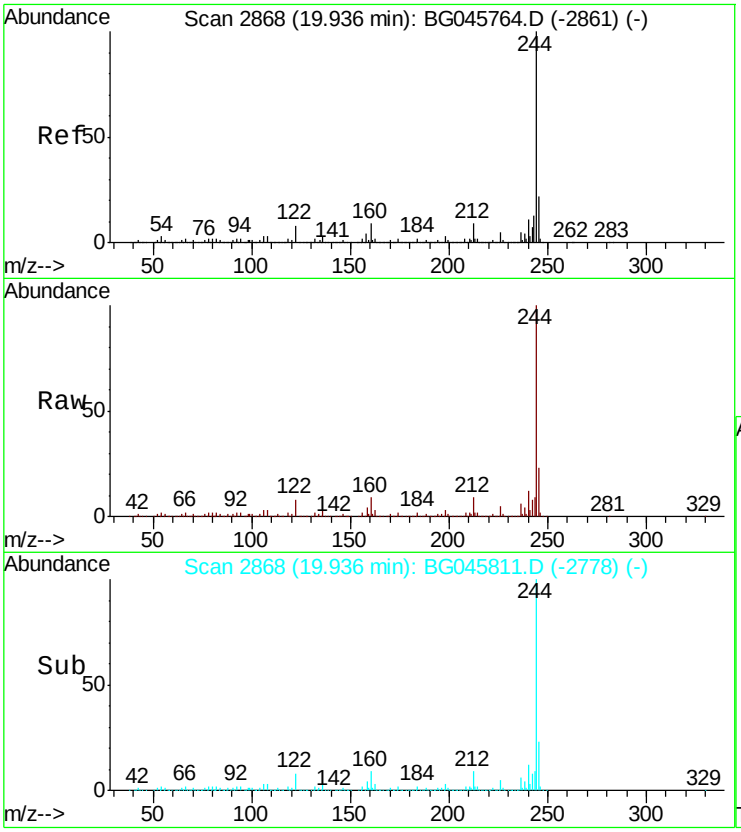


#77
Benzidine
Concen: 3.263 ng
RT: 19.94 min Scan# 2868
Delta R.T. 0.38 min
Lab File: BG045811.D
Acq: 19 Jun 2020 12:06

Tgt Ion:184 Resp: 32742

Ion	Ratio	Lower	Upper
184	100		
185	18.3	11.1	16.7#
183	5.0	9.7	14.5#



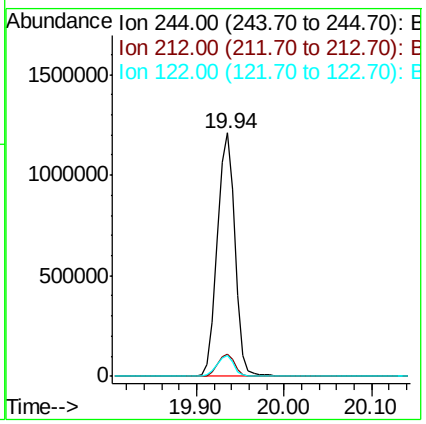


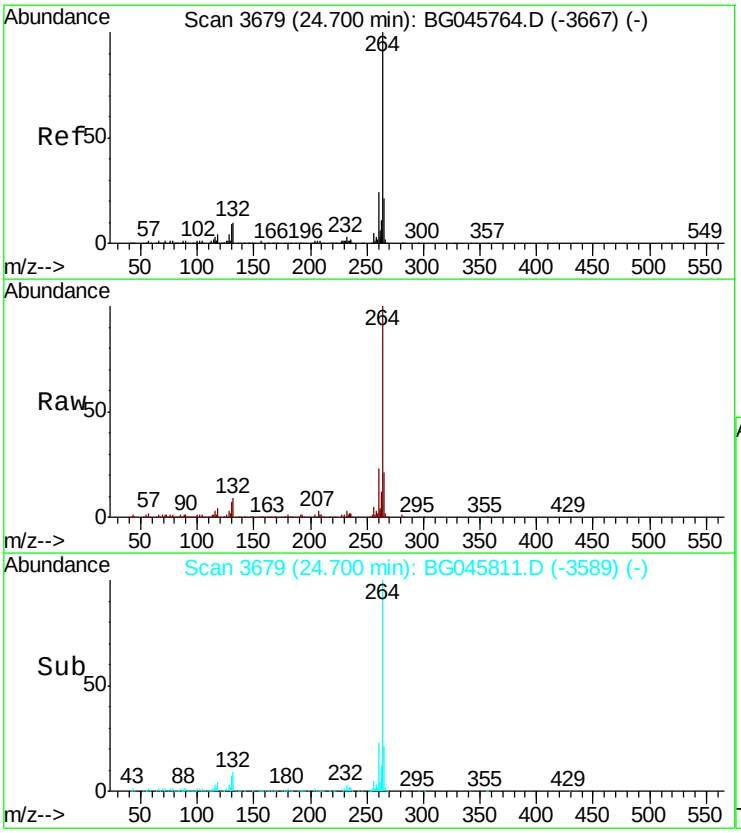
#79
Terphenyl-d14
Concen: 89.674 ng
RT: 19.94 min Scan# 2868
Delta R.T. 0.00 min
Lab File: BG045811.D
Acq: 19 Jun 2020 12:06

Instrument :
BNA_G
ClientSampleId :
PB129631BL

Tgt Ion:244 Resp: 1707855

Ion	Ratio	Lower	Upper
244	100		
212	9.1	7.2	10.8
122	8.4	6.4	9.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.70 min Scan# 3679
Delta R.T. 0.00 min
Lab File: BG045811.D
Acq: 19 Jun 2020 12:06

Tgt Ion:264 Resp: 403783

Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.0	28.4
265	20.8	17.4	26.0