Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG062220\
Data File : BG045825.D
Acq On : 22 Jun 2020 13:16
Operator : CG/JU
Sample : L3033-08DL2 50X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SS043MW009-200616DL2

Quant Time: Jun 22 13:56:22 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	44692	20.00	ng		0.00
21) Naphthalene-d8	10.72	136	177936	20.00	ng		0.00
39) Acenaphthene-d10	14.56	164	133090	20.00	ng		0.00
64) Phenanthrene-d10	17.32	188	326841	20.00	ng		0.00
76) Chrysene-d12	21.57	240	330191	20.00	ng		0.00
86) Perylene-d12	24.70	264	354223	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	2795	1.06	ng		0.00
7) Phenol-d6	7.16	99	1734	0.43	ng		0.00
23) Nitrobenzene-d5	9.10	82	5136	1.32	ng		0.01
42) 2,4,6-Tribromophenol	16.07	330	5193	2.58	ng		0.00
45) 2-Fluorobiphenyl	13.19	172	17280	1.91	ng		0.00
79) Terphenyl-d14	19.93	244	34606	2.12	ng		0.00
Target Compounds							Qvalue
12) 1,3-Dichlorobenzene	7.95	146	18261	5.411	ng		94
13) 1,4-Dichlorobenzene	7.95	146	18261	5.417	ng		94
14) 1,2-Dichlorobenzene	8.27	146	127426	39.486	ng		98
32) Benzoic acid	9.97	122	54	9.003	ng	#	1
51) 2,6-Dinitrotoluene	14.57	165	16887	7.211	ng	#	26
54) 2,4-Dinitrophenol	15.03	184	65	9.869	ng	#	17
57) 2,4-Dinitrotoluene	14.57	165	16887	5.033	ng	#	25

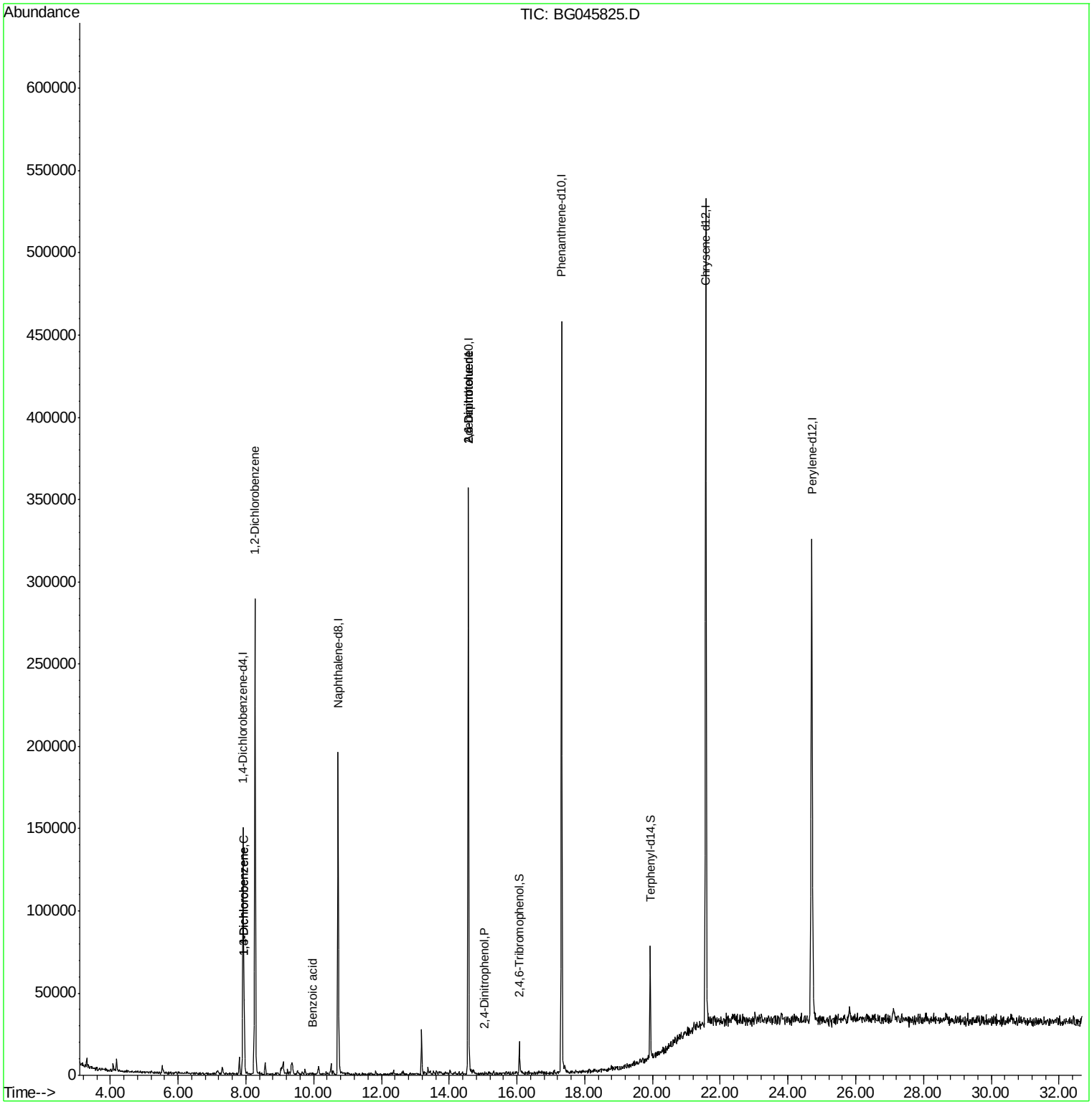
(#) = qualifier out of range (m) = manual integration (+) = signals summed

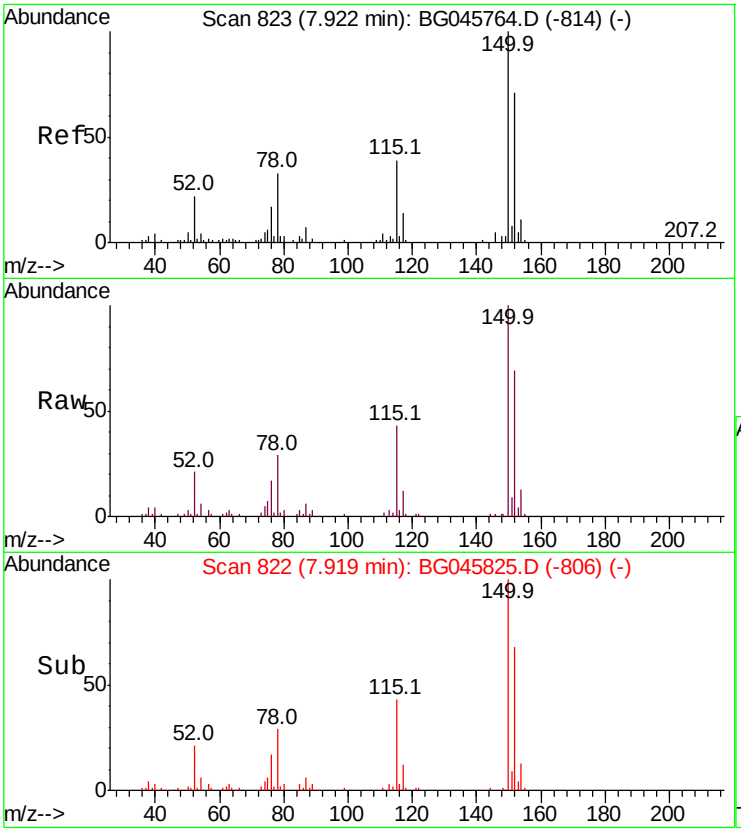
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG062220\
Data File : BG045825.D
Acq On : 22 Jun 2020 13:16
Operator : CG/JU
Sample : L3033-08DL2 50X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SS043MW009-200616DL2

Quant Time: Jun 22 13:56:22 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



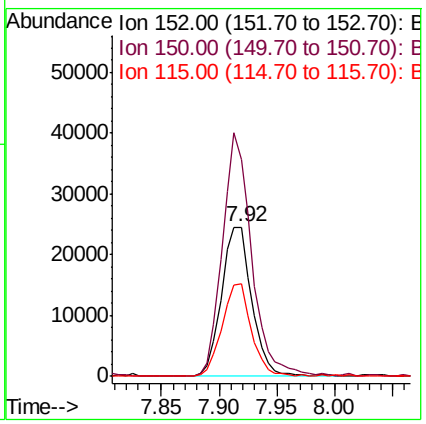


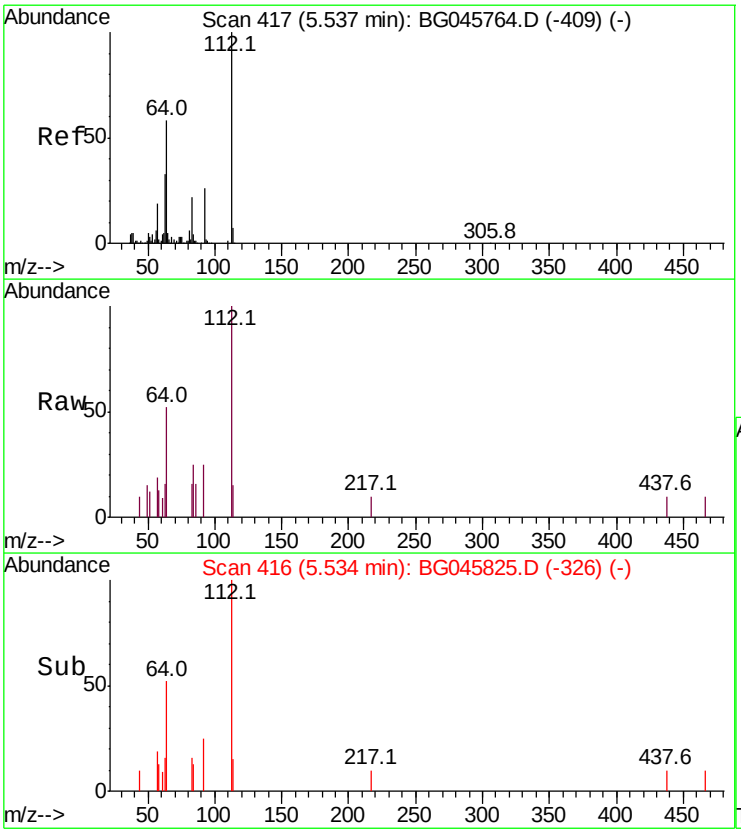
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.92 min Scan# 822
Delta R.T. -0.00 min
Lab File: BG045825.D
Acq: 22 Jun 2020 13:16

Instrument :
BNA_G
ClientSampleId :
SS043MW009-200616DL2

Tgt Ion:152 Resp: 44692

Ion	Ratio	Lower	Upper
152	100		
150	145.2	113.1	169.7
115	62.3	43.8	65.6

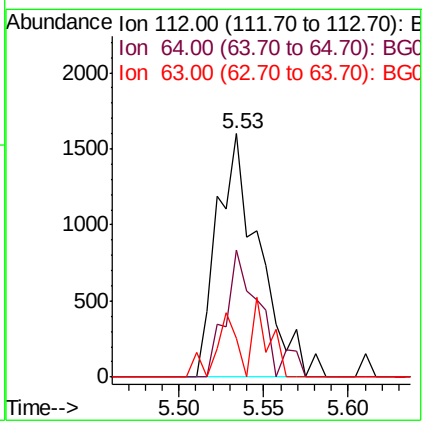


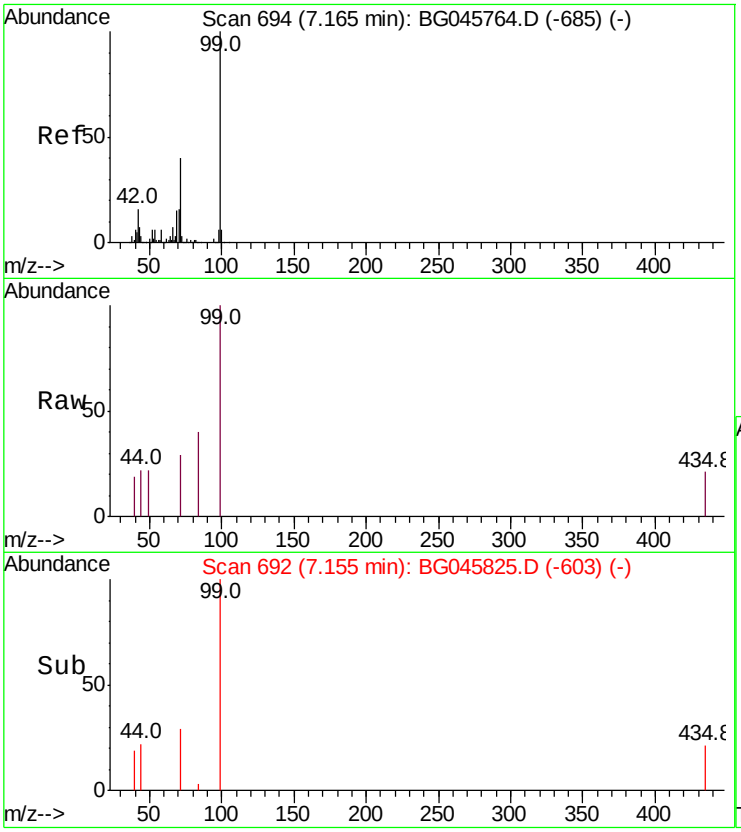


#5
2-Fluorophenol
Concen: 1.056 ng
RT: 5.53 min Scan# 416
Delta R.T. -0.00 min
Lab File: BG045825.D
Acq: 22 Jun 2020 13:16

Tgt Ion:112 Resp: 2795

Ion	Ratio	Lower	Upper
112	100		
64	52.3	46.6	69.8
63	15.9	26.3	39.5#



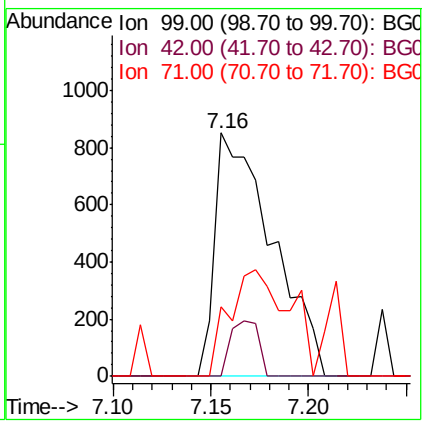


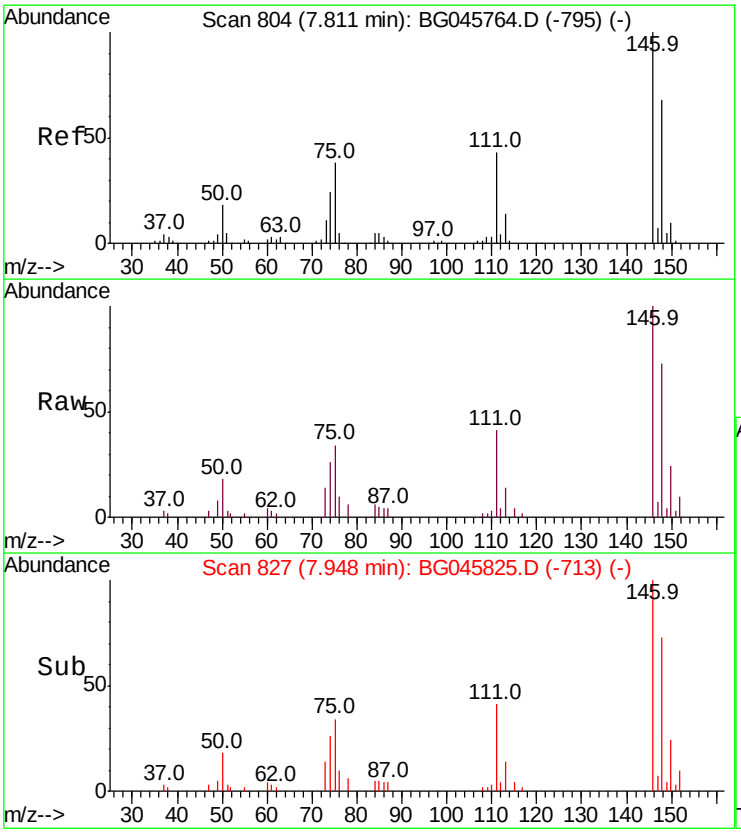
#7
Phenol-d6
Concen: 0.431 ng
RT: 7.16 min Scan# 692
Delta R.T. -0.01 min
Lab File: BG045825.D
Acq: 22 Jun 2020 13:16

Instrument :
BNA_G
ClientSampleId :
SS043MW009-200616DL2

Tgt Ion: 99 Resp: 1734

Ion	Ratio	Lower	Upper
99	100		
42	0.0	12.4	18.6#
71	28.6	32.1	48.1#

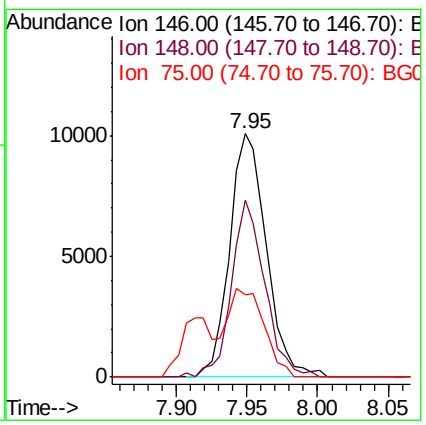


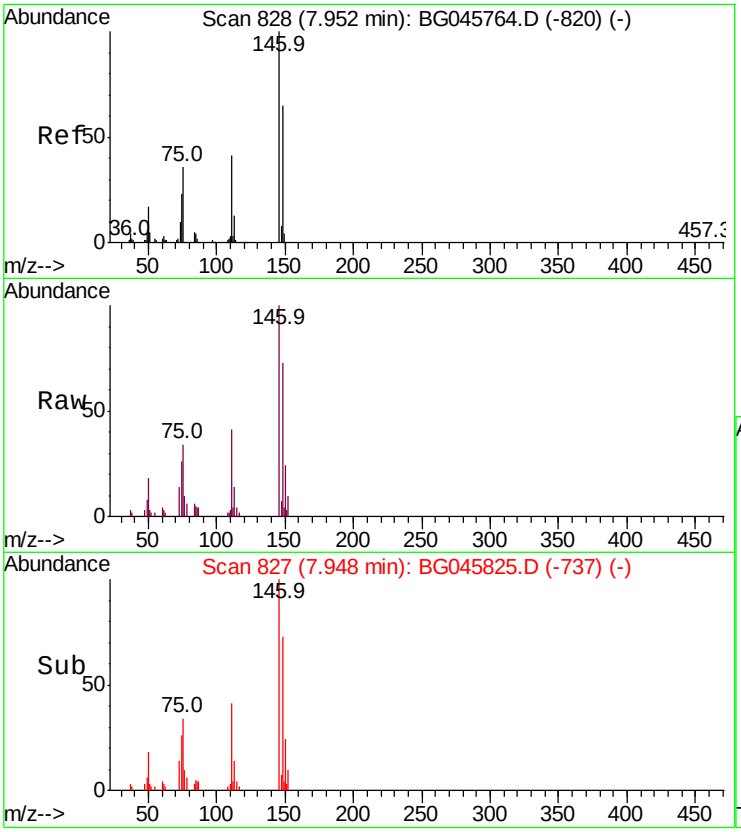


#12
1,3-Dichlorobenzene
Concen: 5.411 ng
RT: 7.95 min Scan# 827
Delta R.T. 0.14 min
Lab File: BG045825.D
Acq: 22 Jun 2020 13:16

Tgt Ion:146 Resp: 18261

Ion	Ratio	Lower	Upper
146	100		
148	72.6	54.2	81.4
75	33.7	30.1	45.1



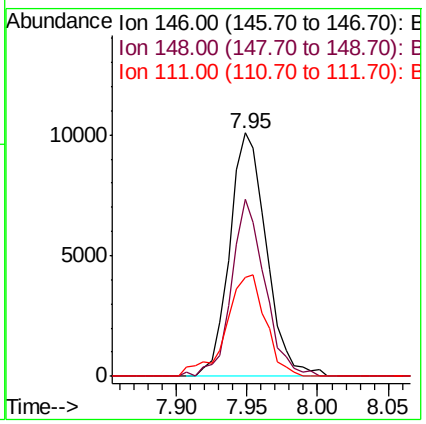


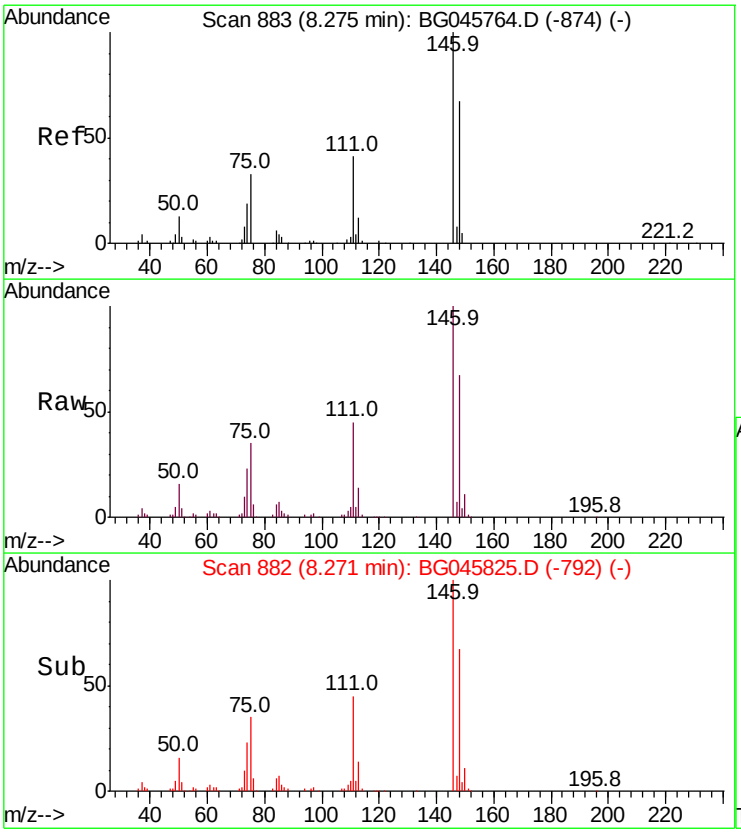
#13
1,4-Dichlorobenzene
Concen: 5.417 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.00 min
Lab File: BG045825.D
Acq: 22 Jun 2020 13:16

Instrument :
BNA_G
ClientSampleId :
SS043MW009-200616DL2

Tgt Ion:146 Resp: 18261

Ion	Ratio	Lower	Upper
146	100		
148	72.6	51.8	77.6
111	40.9	32.8	49.2

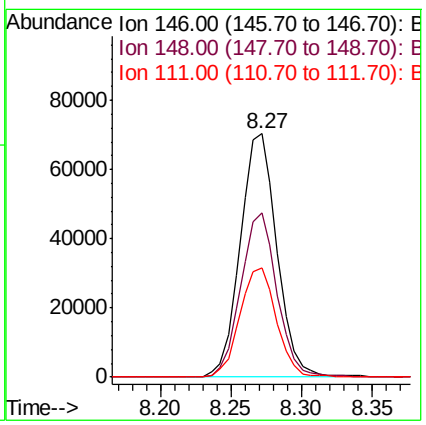


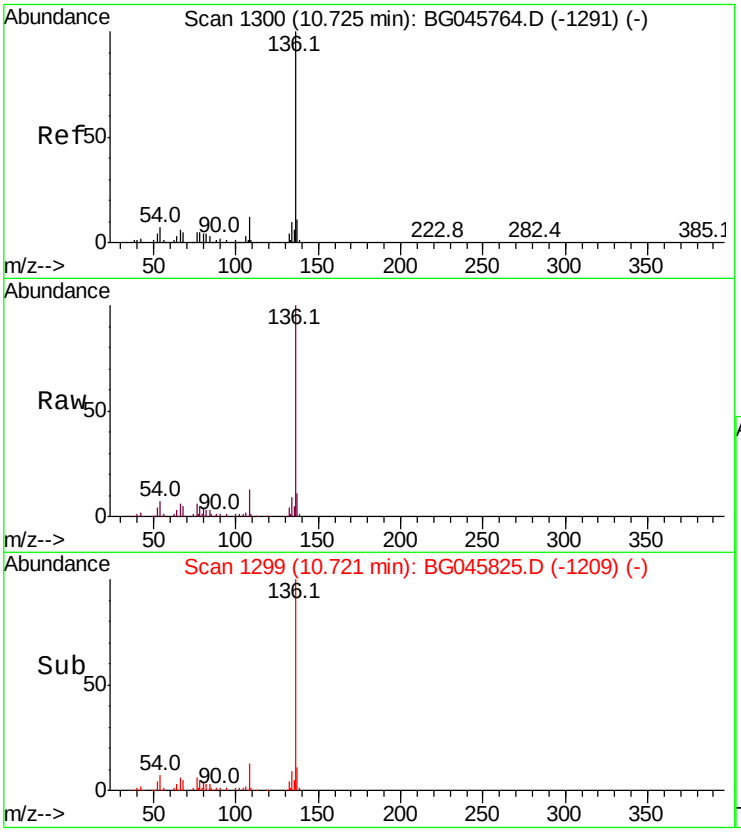


#14
1,2-Dichlorobenzene
Concen: 39.486 ng
RT: 8.27 min Scan# 882
Delta R.T. -0.00 min
Lab File: BG045825.D
Acq: 22 Jun 2020 13:16

Tgt Ion:146 Resp: 127426

Ion	Ratio	Lower	Upper
146	100		
148	67.4	54.1	81.1
111	44.8	32.9	49.3



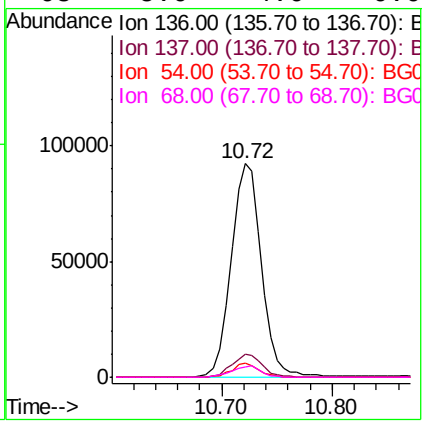


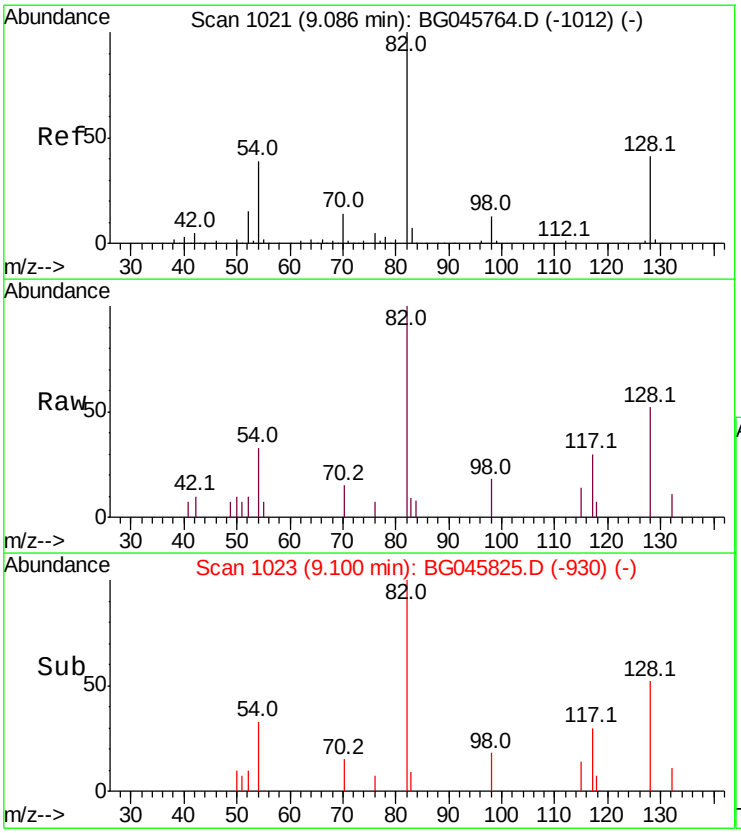
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.72 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BG045825.D
Acq: 22 Jun 2020 13:16

Instrument :
BNA_G
ClientSampleId :
SS043MW009-200616DL2

Tgt Ion:136 Resp: 177936

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	6.8	5.8	8.6
68	5.0	4.0	6.0

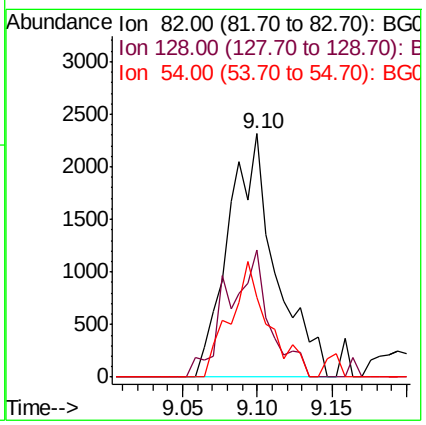


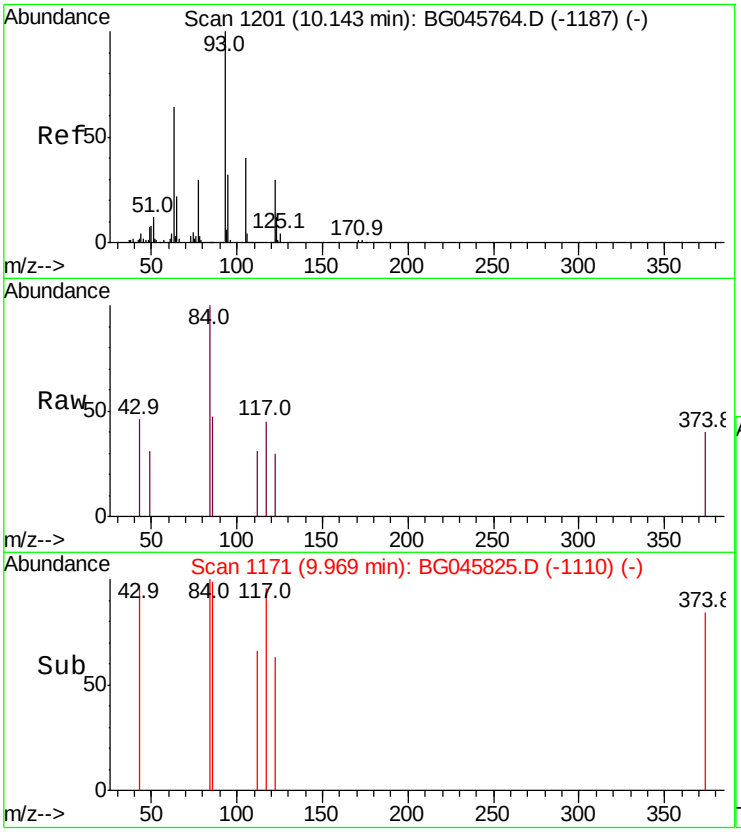


#23
Nitrobenzene-d5
Concen: 1.319 ng
RT: 9.10 min Scan# 1023
Delta R.T. 0.01 min
Lab File: BG045825.D
Acq: 22 Jun 2020 13:16

Tgt Ion: 82 Resp: 5136

Ion	Ratio	Lower	Upper
82	100		
128	52.2	32.5	48.7#
54	32.9	31.2	46.8



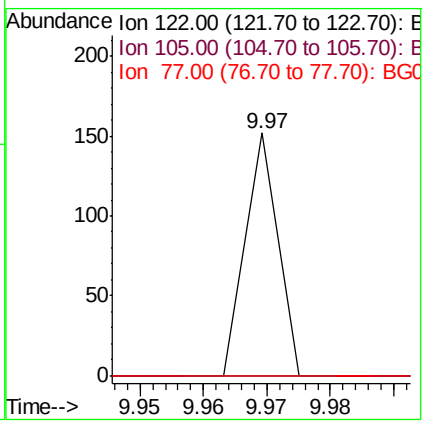


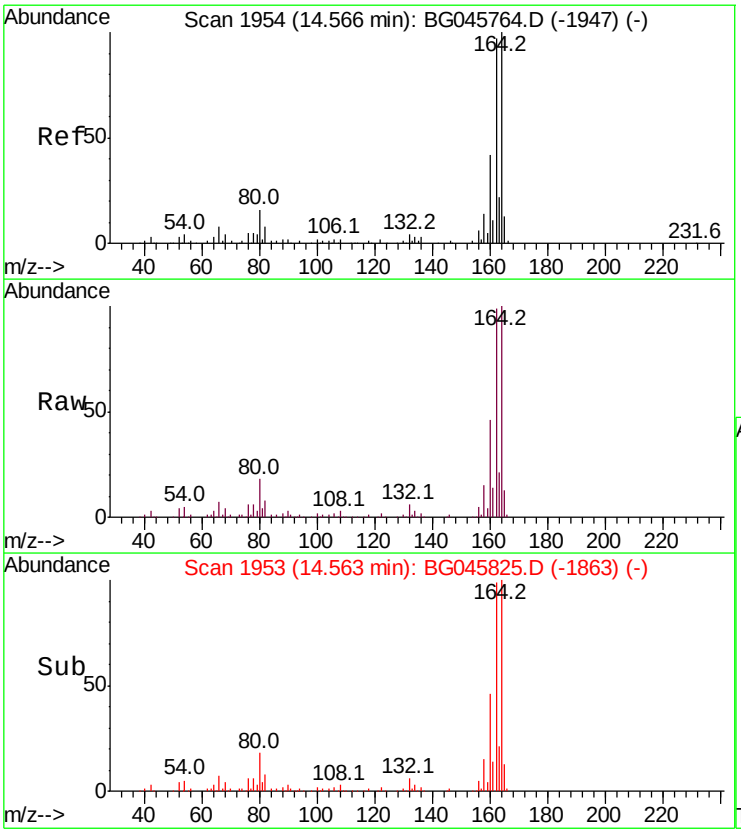
#32
Benzoic acid
Concen: 9.003 ng
RT: 9.97 min Scan# 1171
Delta R.T. -0.17 min
Lab File: BG045825.D
Acq: 22 Jun 2020 13:16

Instrument :
BNA_G
ClientSampleId :
SS043MW009-200616DL2

Tgt Ion:122 Resp: 54

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

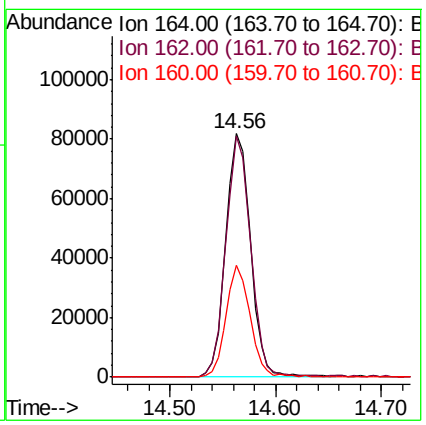


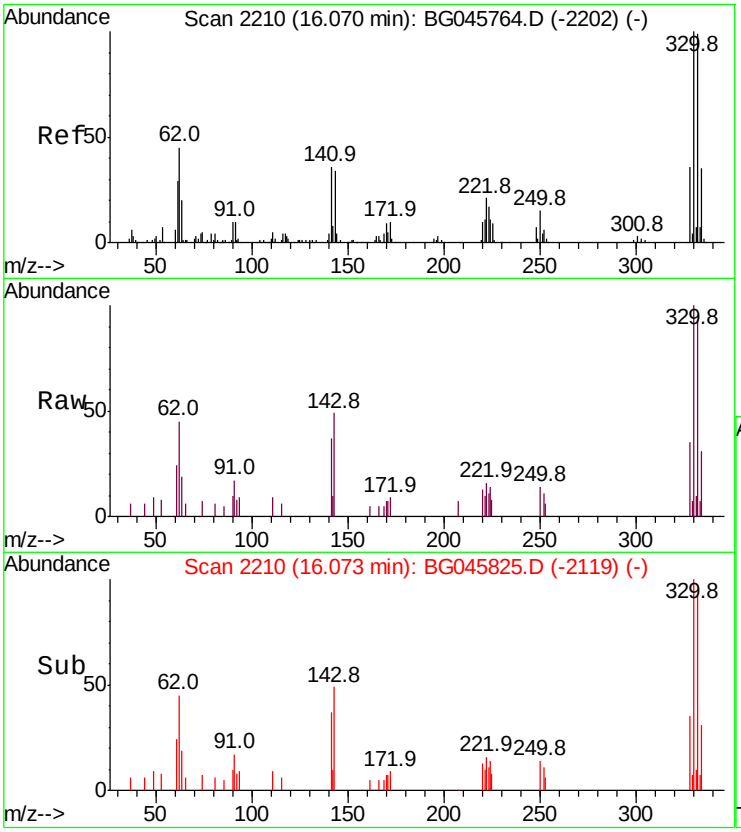


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.56 min Scan# 1953
Delta R.T. -0.00 min
Lab File: BG045825.D
Acq: 22 Jun 2020 13:16

Tgt Ion:164 Resp: 133090

Ion	Ratio	Lower	Upper
164	100		
162	99.1	77.4	116.0
160	45.7	33.3	49.9



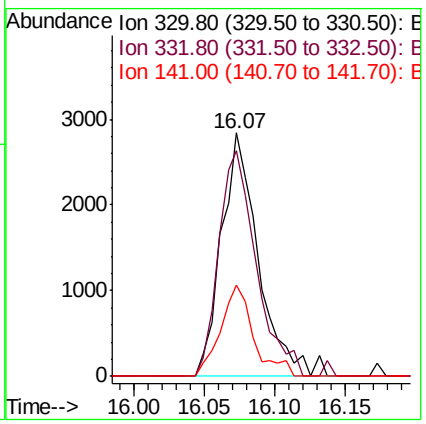


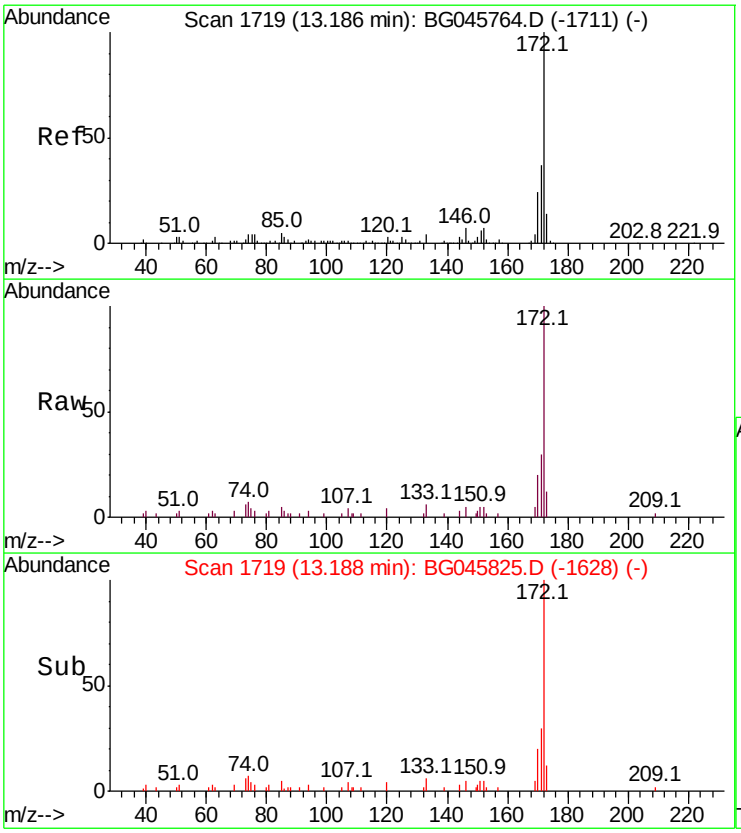
#42
2,4,6-Tribromophenol
Concen: 2.584 ng
RT: 16.07 min Scan# 2210
Delta R.T. 0.00 min
Lab File: BG045825.D
Acq: 22 Jun 2020 13:16

Instrument :
BNA_G
ClientSampleId :
SS043MW009-200616DL2

Tgt Ion:330 Resp: 5193

Ion	Ratio	Lower	Upper
330	100		
332	93.3	78.6	117.8
141	33.1	28.2	42.4

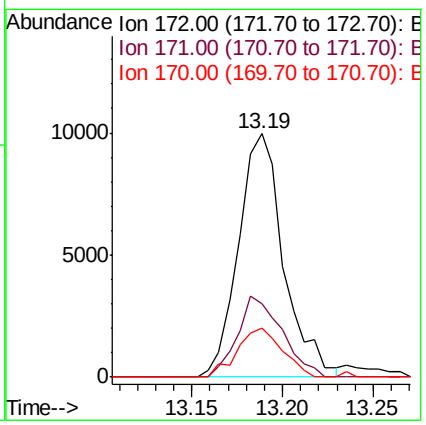


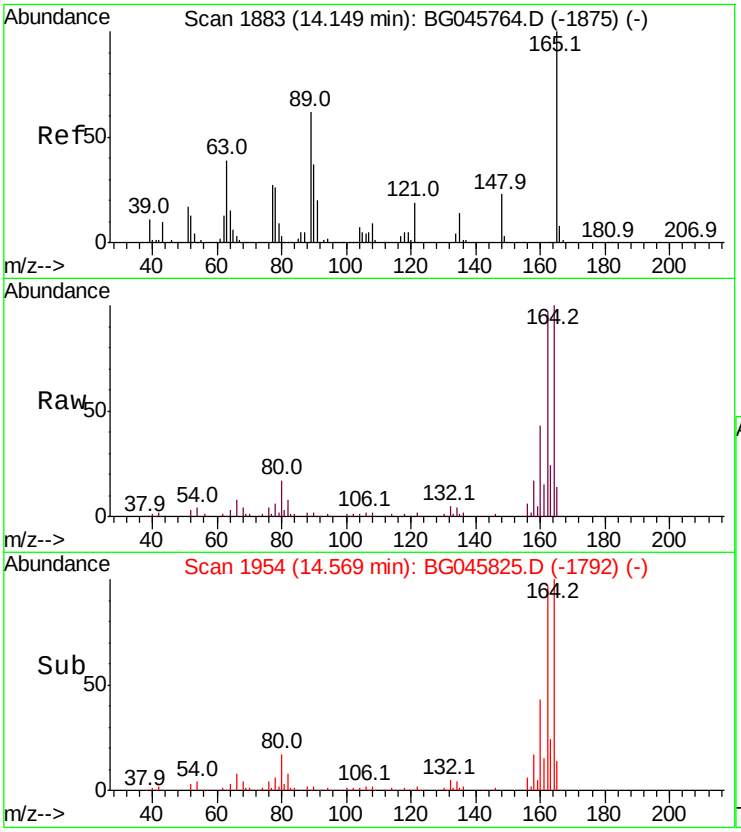


#45
2-Fluorobiphenyl
Concen: 1.908 ng
RT: 13.19 min Scan# 1719
Delta R.T. 0.00 min
Lab File: BG045825.D
Acq: 22 Jun 2020 13:16

Tgt Ion:172 Resp: 17280

Ion	Ratio	Lower	Upper
172	100		
171	30.2	29.9	44.9
170	20.0	19.3	28.9



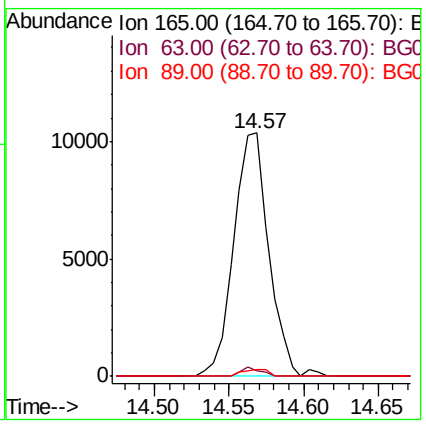


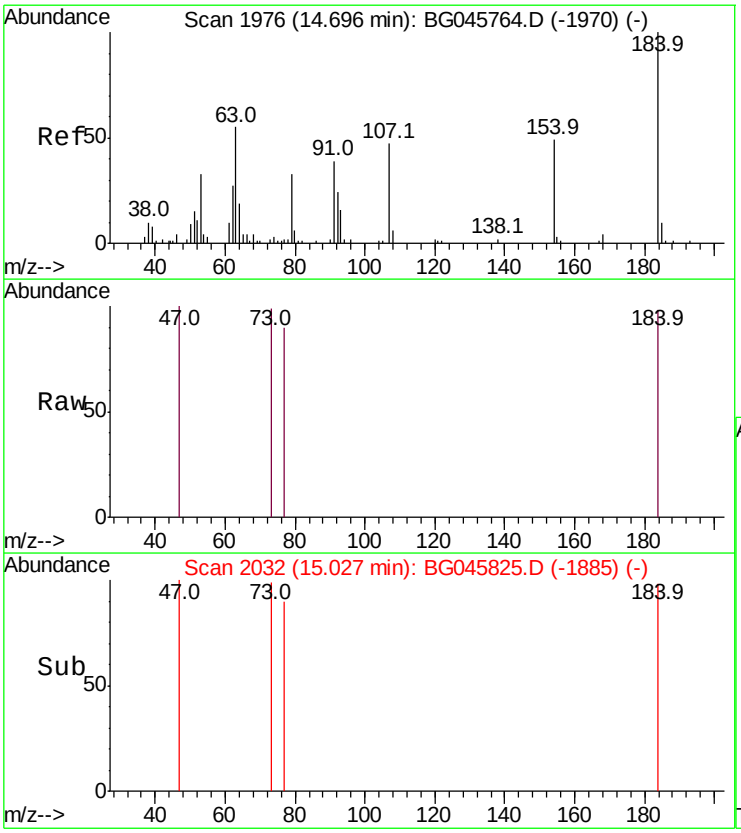
#51
2,6-Dinitrotoluene
Concen: 7.211 ng
RT: 14.57 min Scan# 1954
Delta R.T. 0.42 min
Lab File: BG045825.D
Acq: 22 Jun 2020 13:16

Instrument :
BNA_G
ClientSampleId :
SS043MW009-200616DL2

Tgt Ion:165 Resp: 16887

Ion	Ratio	Lower	Upper
165	100		
63	2.1	41.2	61.8#
89	3.0	49.7	74.5#

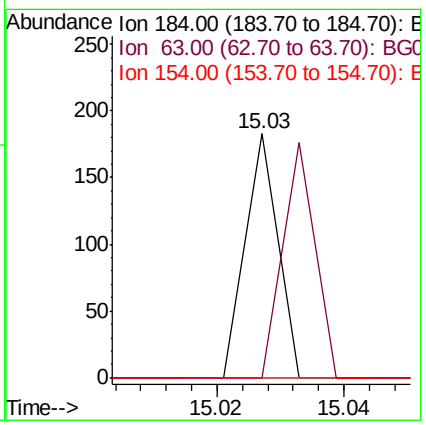


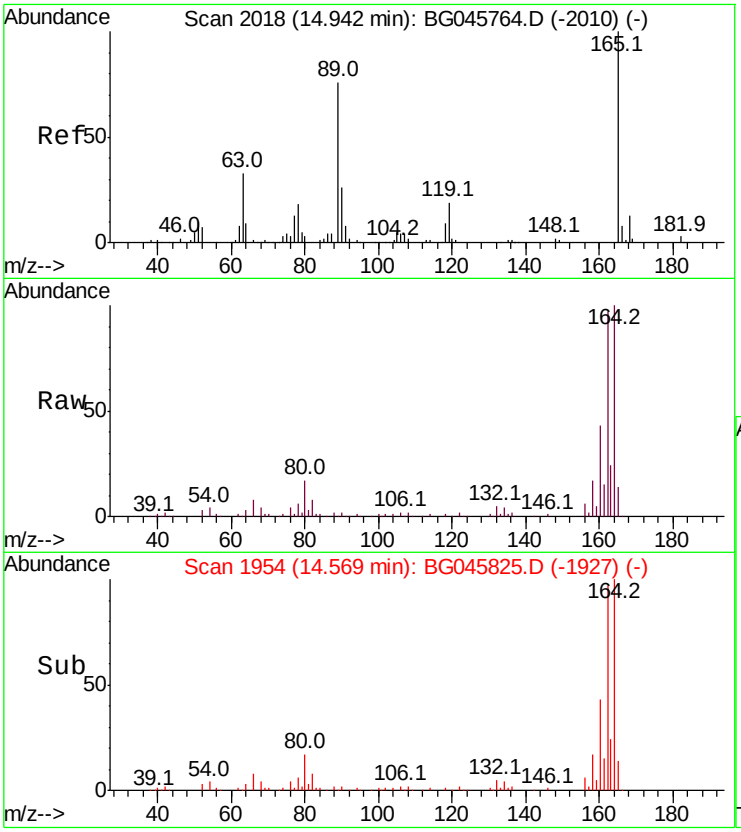


#54
2,4-Dinitrophenol
Concen: 9.869 ng
RT: 15.03 min Scan# 2032
Delta R.T. 0.33 min
Lab File: BG045825.D
Acq: 22 Jun 2020 13:16

Tgt Ion:184 Resp: 65

Ion	Ratio	Lower	Upper
184	100		
63	0.0	46.6	70.0#
154	0.0	58.6	87.8#



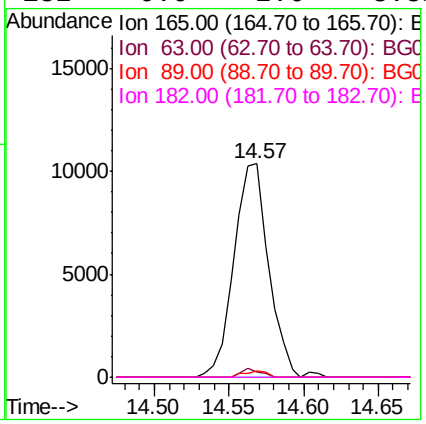


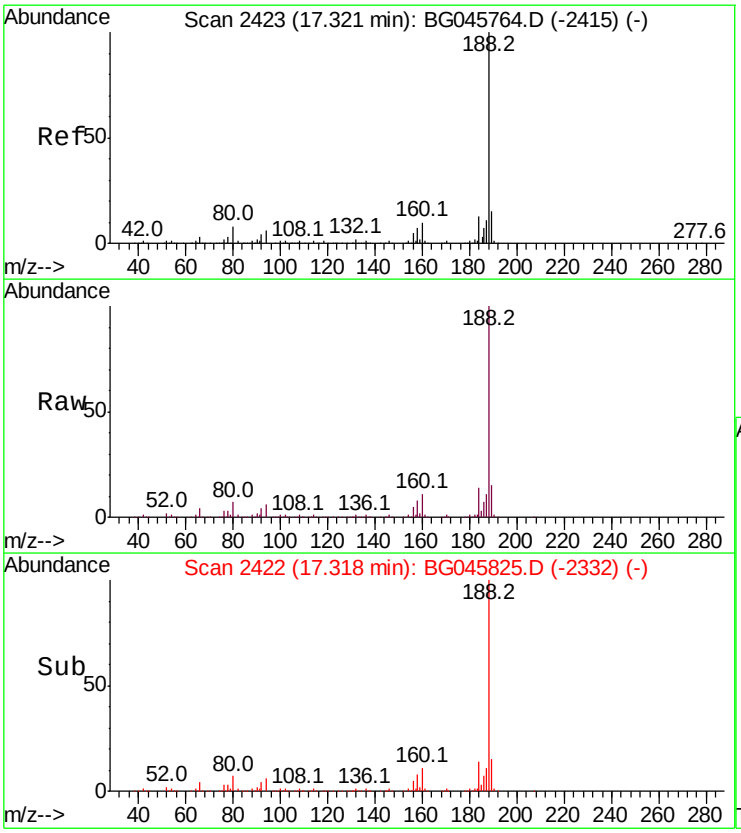
#57
2,4-Dinitrotoluene
Concen: 5.033 ng
RT: 14.57 min Scan# 1954
Delta R.T. -0.37 min
Lab File: BG045825.D
Acq: 22 Jun 2020 13:16

Instrument :
BNA_G
ClientSampleId :
SS043MW009-200616DL2

Tgt Ion:165 Resp: 16887

Ion	Ratio	Lower	Upper
165	100		
63	2.1	33.8	50.8#
89	3.0	60.4	90.6#
182	0.0	2.6	3.8#

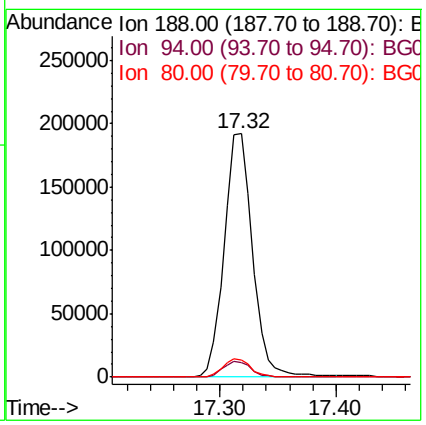


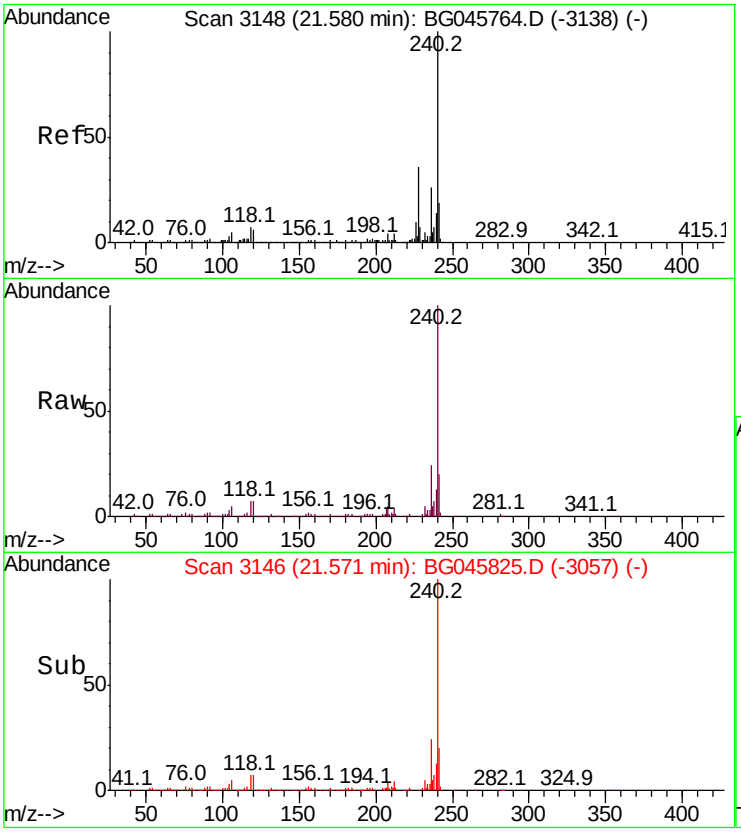


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.32 min Scan# 2422
Delta R.T. -0.00 min
Lab File: BG045825.D
Acq: 22 Jun 2020 13:16

Tgt Ion:188 Resp: 326841

Ion	Ratio	Lower	Upper
188	100		
94	5.9	5.1	7.7
80	7.0	6.2	9.4



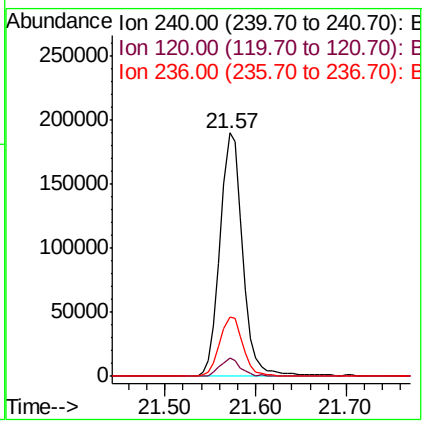


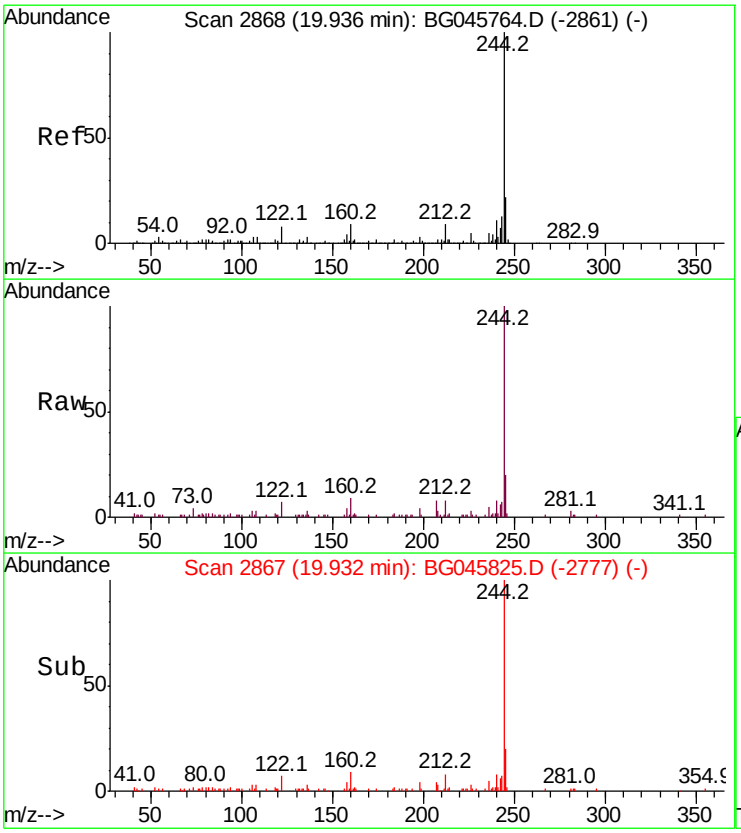
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.57 min Scan# 3146
Delta R.T. -0.01 min
Lab File: BG045825.D
Acq: 22 Jun 2020 13:16

Instrument :
BNA_G
ClientSampleId :
SS043MW009-200616DL2

Tgt Ion:240 Resp: 330191

Ion	Ratio	Lower	Upper
240	100		
120	7.5	5.0	7.4#
236	24.4	20.6	30.8

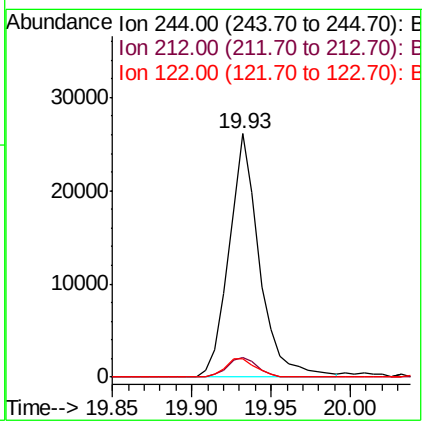


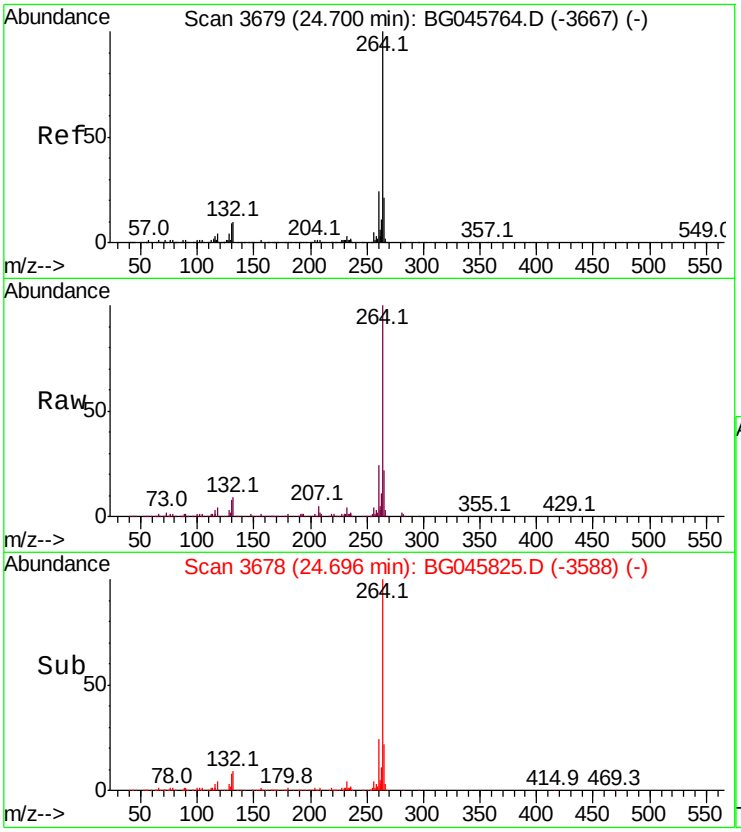


#79
Terphenyl-d14
Concen: 2.124 ng
RT: 19.93 min Scan# 2867
Delta R.T. -0.00 min
Lab File: BG045825.D
Acq: 22 Jun 2020 13:16

Tgt Ion:244 Resp: 34606

Ion	Ratio	Lower	Upper
244	100		
212	8.2	7.2	10.8
122	7.3	6.4	9.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.70 min Scan# 3678
Delta R.T. -0.00 min
Lab File: BG045825.D
Acq: 22 Jun 2020 13:16

Instrument :
BNA_G
ClientSampleId :
SS043MW009-200616DL2

Tgt Ion:264 Resp: 354223

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.0	28.4
265	21.8	17.4	26.0