Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061620\
Data File : BG045781.D
Acq On : 16 Jun 2020 20:42
Operator : CG/JU
Sample : L2808-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HR-06-061120

Quant Time: Jun 17 02:26:44 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	75630	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	276105	20.00	ng	0.00
39) Acenaphthene-d10	14.57	164	179962	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	383122	20.00	ng	0.00
76) Chrysene-d12	21.57	240	359384	20.00	ng	0.00
86) Perylene-d12	24.71	264	393579	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	249866	55.81	ng	0.00
7) Phenol-d6	7.16	99	373568	54.85	ng	0.00
23) Nitrobenzene-d5	9.09	82	242257	40.08	ng	0.00
42) 2,4,6-Tribromophenol	16.07	330	147784	54.39	ng	0.00
45) 2-Fluorobiphenyl	13.19	172	519122	42.39	ng	0.00
79) Terphenyl-d14	19.94	244	780661	44.02	ng	0.00
Target Compounds						Qvalue
18) Hexachloroethane	9.03	117	11806	5.449	ng	# 1
22) Acetophenone	8.73	105	32880	4.339	ng	# 57
32) Benzoic acid	10.15	122	87	9.004	ng	# 1
54) 2,4-Dinitrophenol	14.72	184	109	9.880	ng	# 1
56) 4-Nitrophenol	14.91	139	436	4.156	ng	# 7
70) Pentachlorophenol	17.03	266	60	7.654	ng	# 17
75) Fluoranthene	19.38	202	55932	2.302	ng	96
78) Pyrene	19.74	202	52802	2.194	ng	96

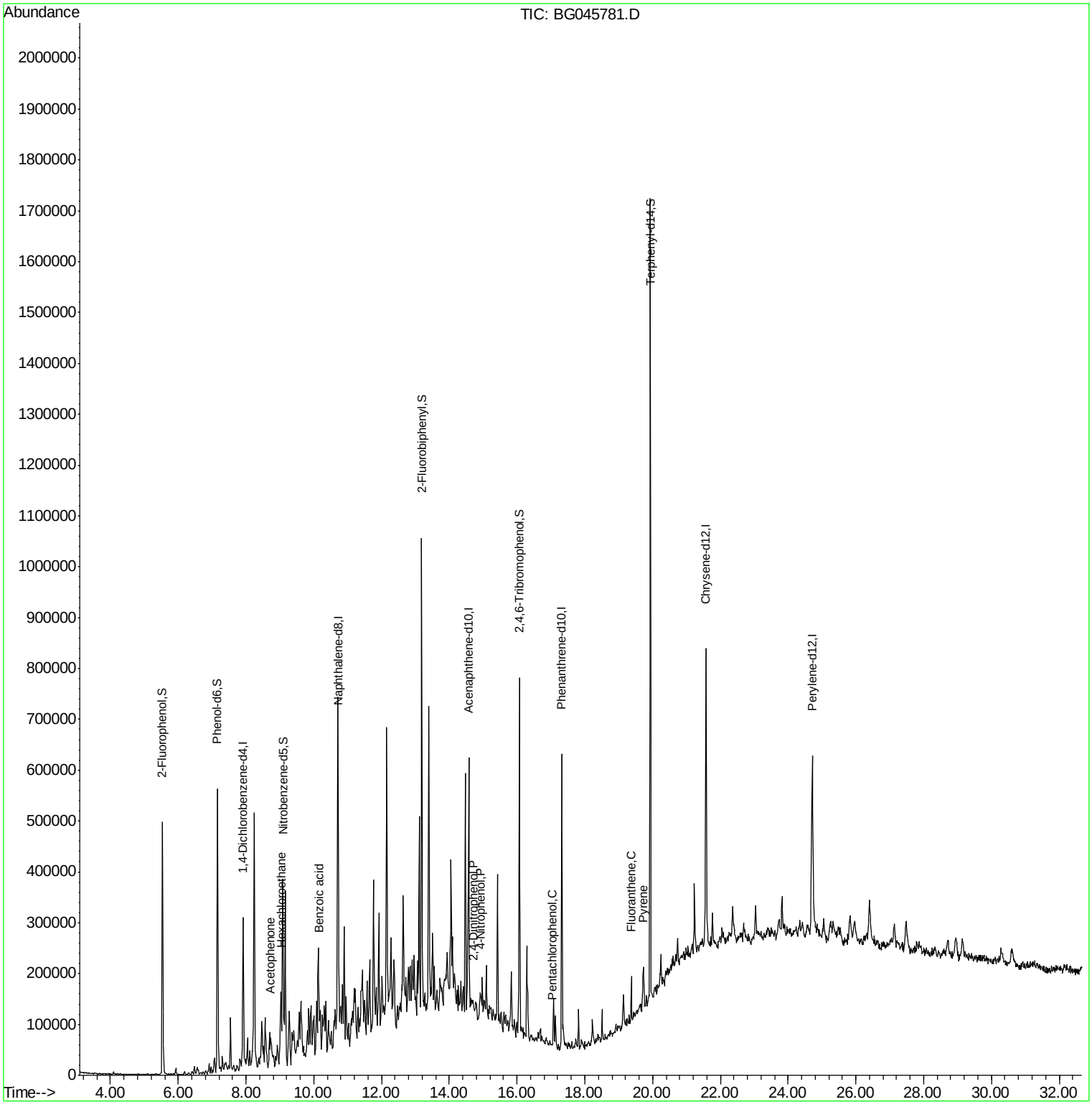
(#) = qualifier out of range (m) = manual integration (+) = signals summed

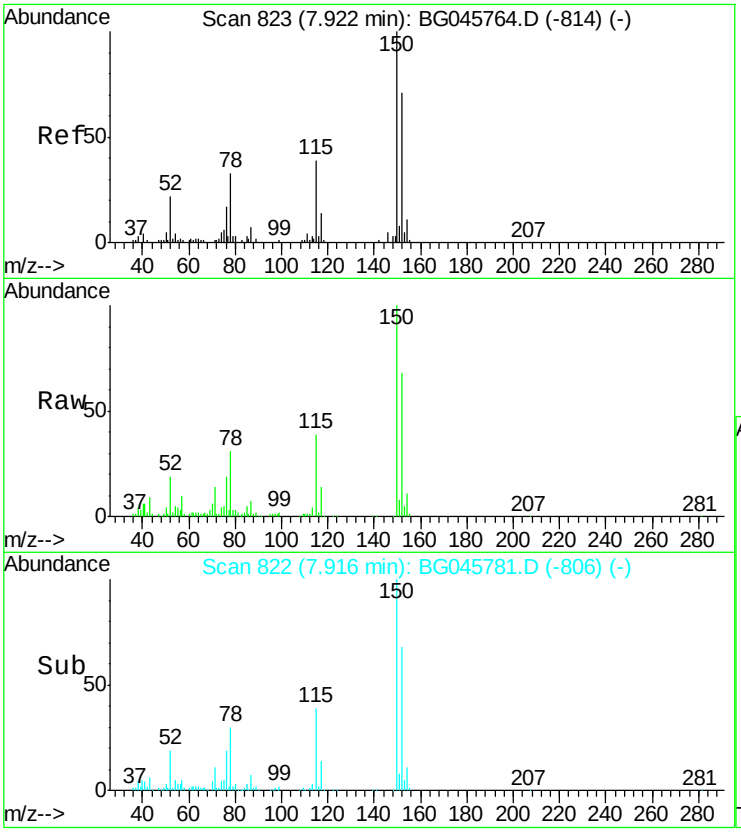
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061620\
Data File : BG045781.D
Acq On : 16 Jun 2020 20:42
Operator : CG/JU
Sample : L2808-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HR-06-061120

Quant Time: Jun 17 02:26:44 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



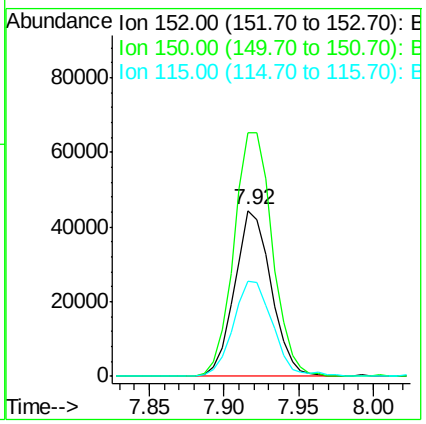


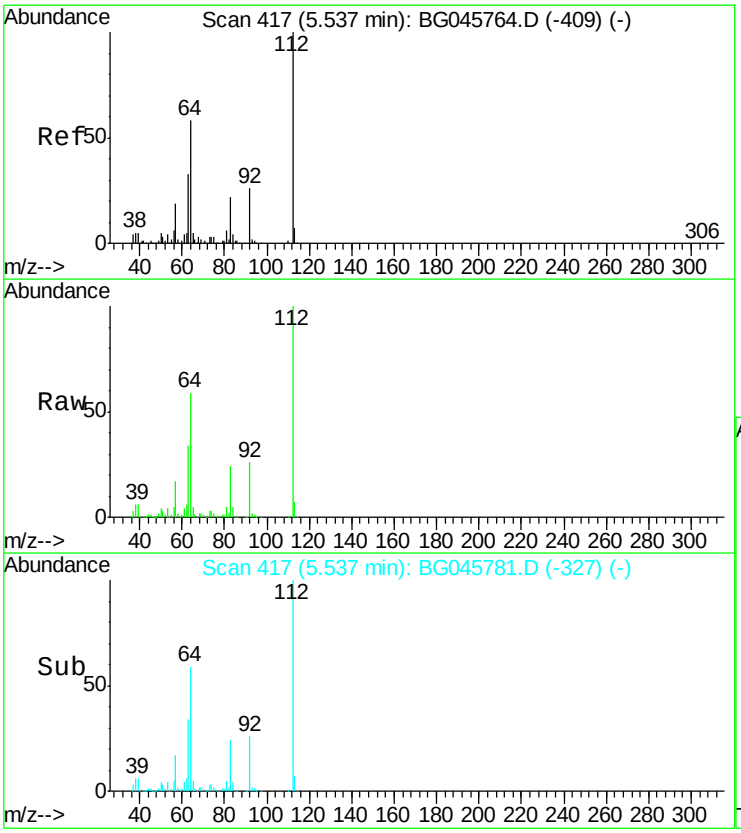
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.92 min Scan# 822
Delta R.T. -0.01 min
Lab File: BG045781.D
Acq: 16 Jun 2020 20:42

Instrument :
BNA_G
ClientSampleId :
HR-06-061120

Tgt Ion:152 Resp: 75630

Ion	Ratio	Lower	Upper
152	100		
150	146.7	113.1	169.7
115	57.6	43.8	65.6

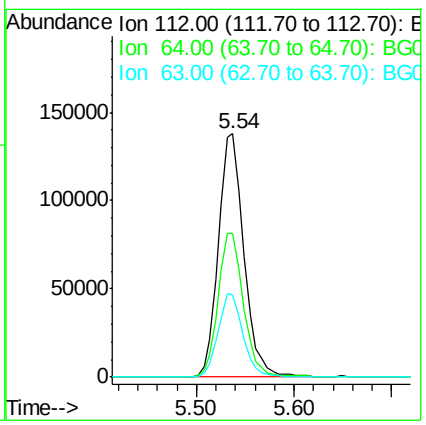


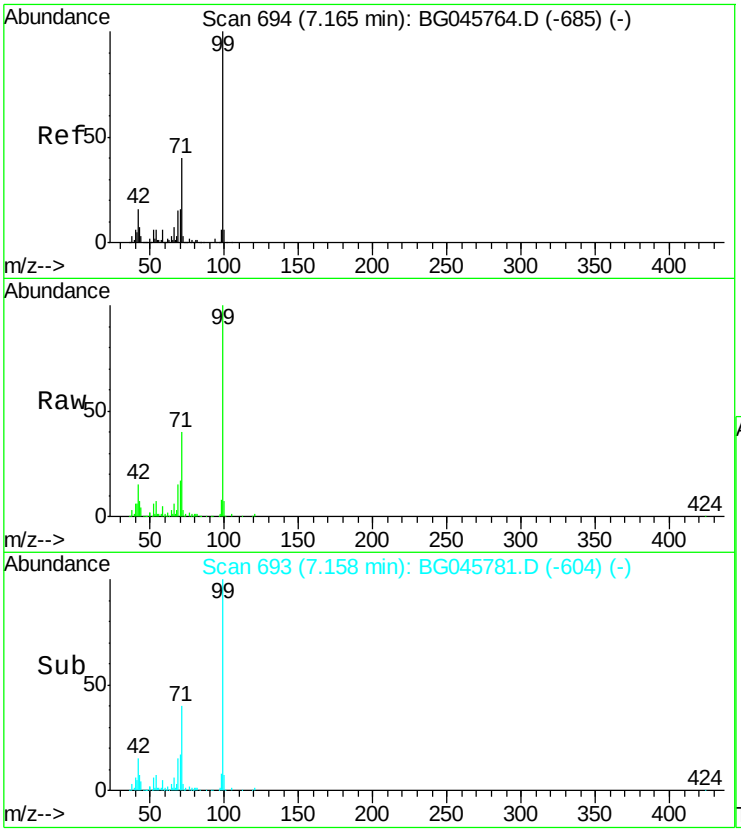


#5
2-Fluorophenol
Concen: 55.809 ng
RT: 5.54 min Scan# 417
Delta R.T. -0.00 min
Lab File: BG045781.D
Acq: 16 Jun 2020 20:42

Tgt Ion:112 Resp: 249866

Ion	Ratio	Lower	Upper
112	100		
64	59.3	46.6	69.8
63	33.7	26.3	39.5



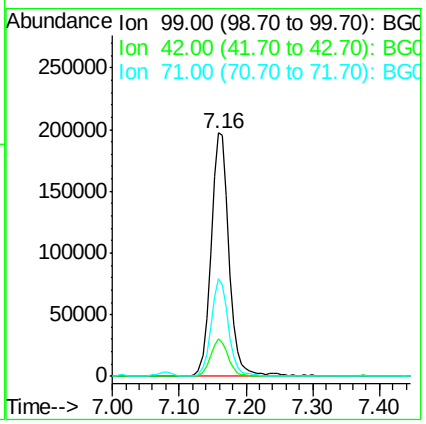


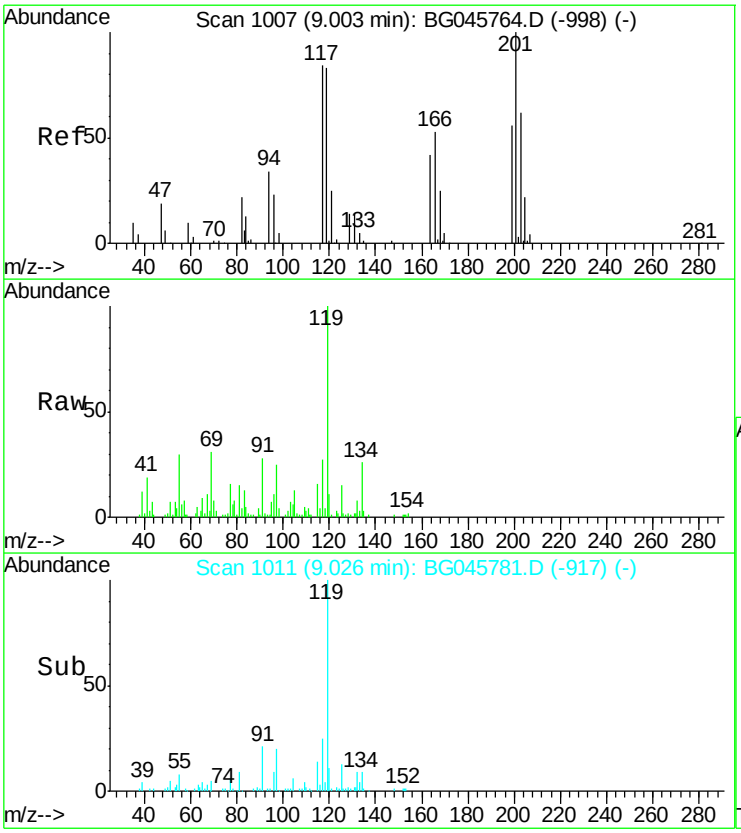
#7
Phenol-d6
Concen: 54.854 ng
RT: 7.16 min Scan# 693
Delta R.T. -0.01 min
Lab File: BG045781.D
Acq: 16 Jun 2020 20:42

Instrument :
BNA_G
ClientSampleId :
HR-06-061120

Tgt Ion: 99 Resp: 373568

Ion	Ratio	Lower	Upper
99	100		
42	15.2	12.4	18.6
71	40.0	32.1	48.1

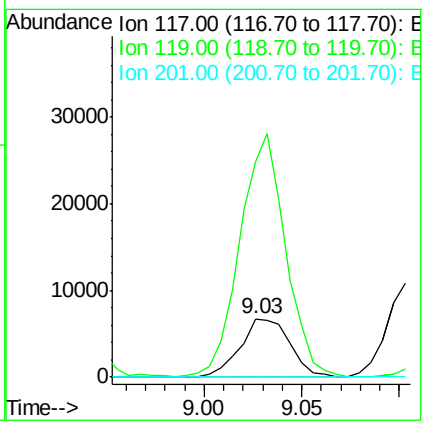


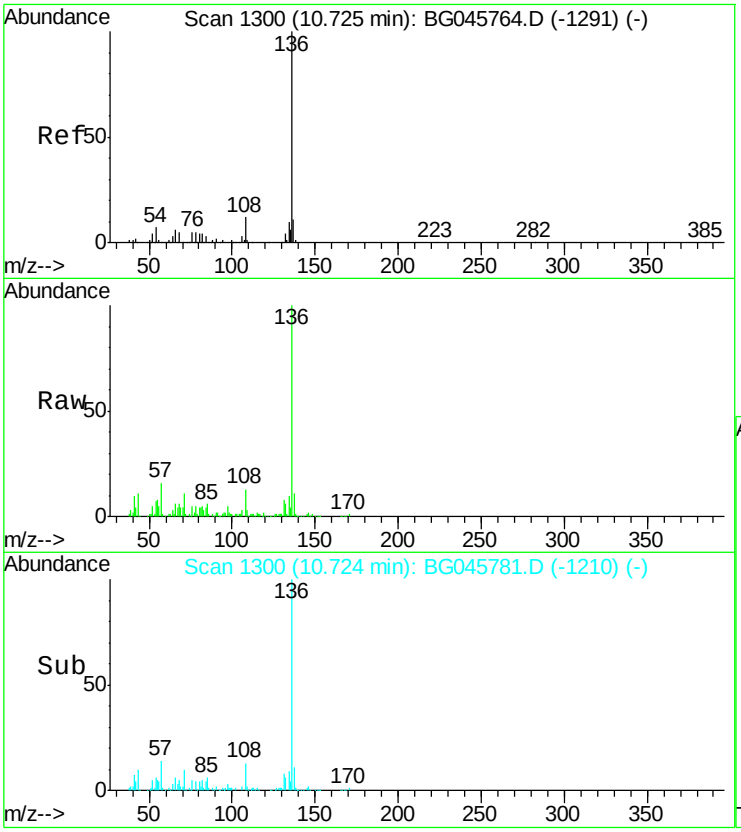


#18
Hexachloroethane
Concen: 5.449 ng
RT: 9.03 min Scan# 1011
Delta R.T. 0.02 min
Lab File: BG045781.D
Acq: 16 Jun 2020 20:42

Tgt Ion:117 Resp: 11806

Ion	Ratio	Lower	Upper
117	100		
119	368.1	78.9	118.3#
201	0.0	95.5	143.3#



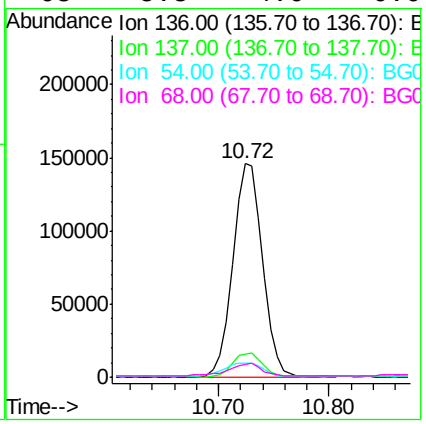


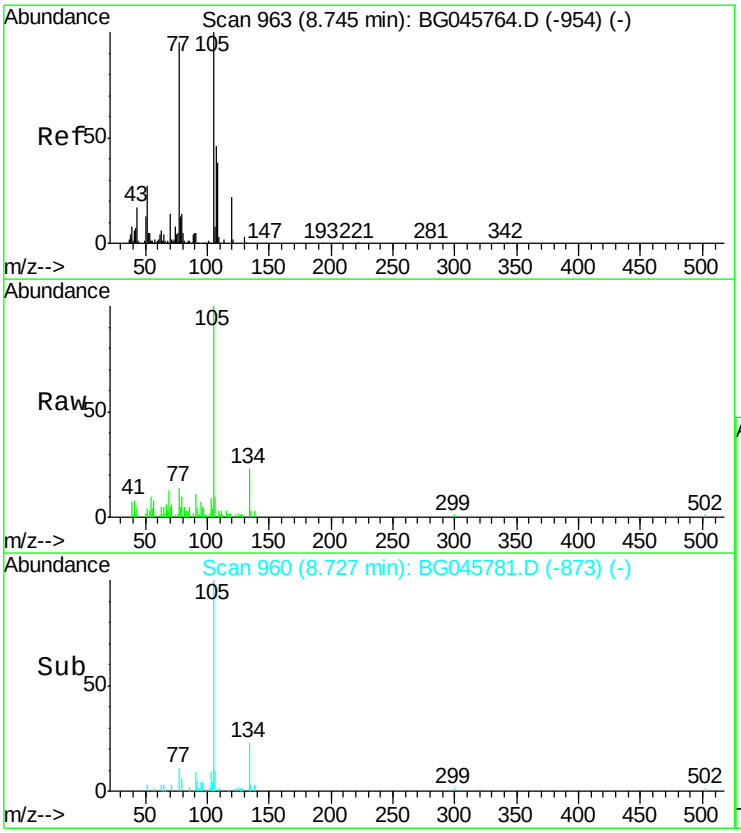
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.72 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG045781.D
Acq: 16 Jun 2020 20:42

Instrument :
BNA_G
ClientSampleId :
HR-06-061120

Tgt Ion:136 Resp: 276105

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	6.7	5.8	8.6
68	5.8	4.0	6.0

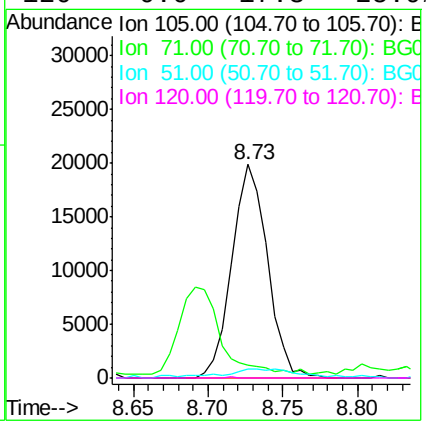


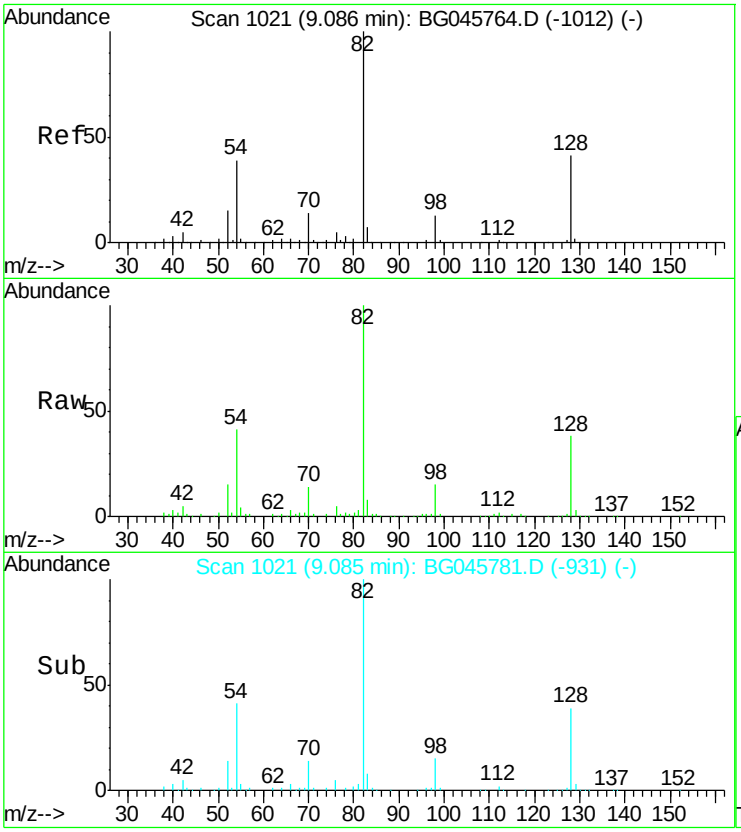


#22
Acetophenone
Concen: 4.339 ng
RT: 8.73 min Scan# 960
Delta R.T. -0.02 min
Lab File: BG045781.D
Acq: 16 Jun 2020 20:42

Tgt Ion:105 Resp: 32880

Ion	Ratio	Lower	Upper
105	100		
71	6.0	1.8	2.8#
51	4.2	21.9	32.9#
120	0.0	17.3	25.9#



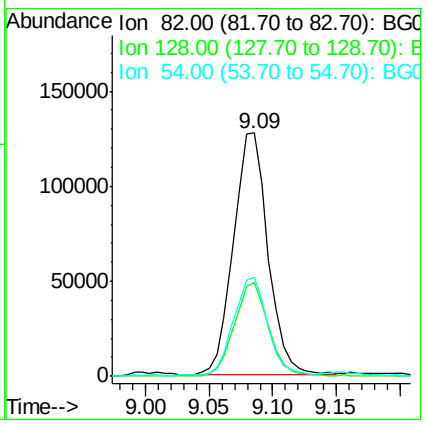


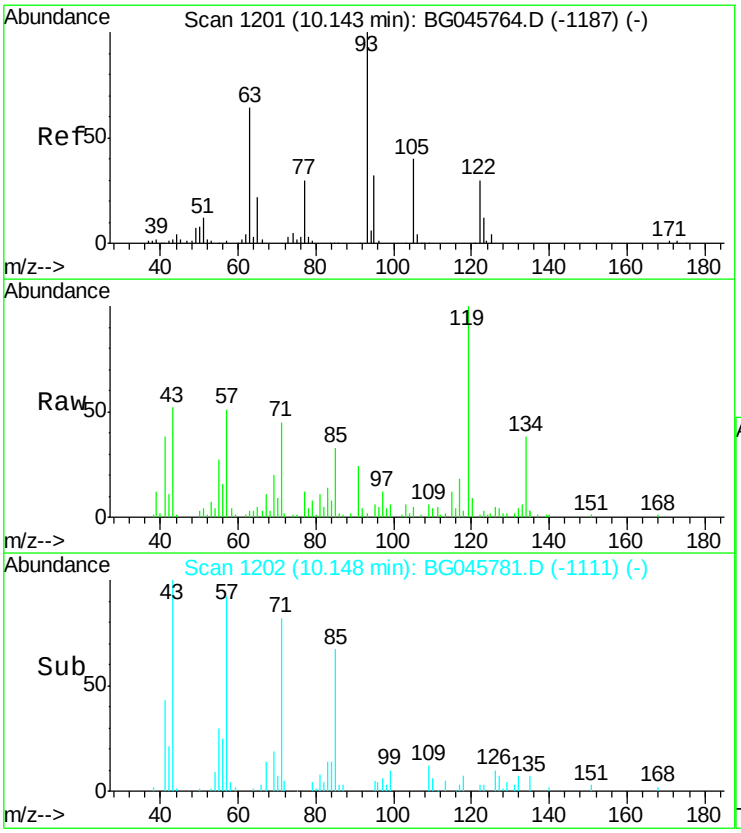
#23
Nitrobenzene-d5
Concen: 40.083 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BG045781.D
Acq: 16 Jun 2020 20:42

Instrument :
BNA_G
ClientSampleId :
HR-06-061120

Tgt Ion: 82 Resp: 242257

Ion	Ratio	Lower	Upper
82	100		
128	38.3	32.5	48.7
54	40.7	31.2	46.8

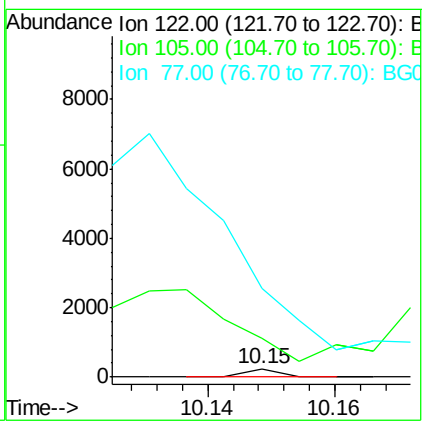


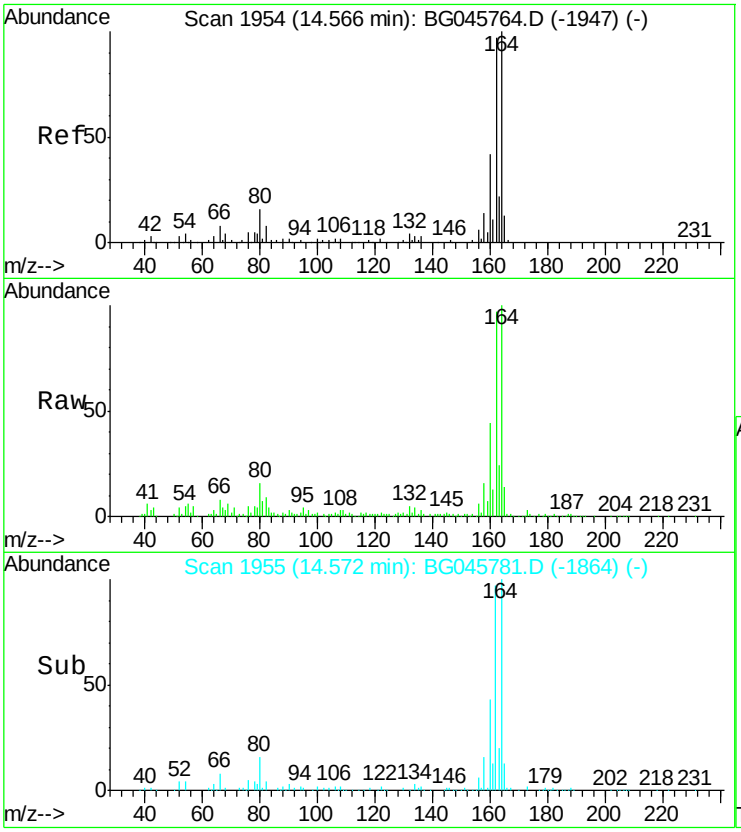


#32
Benzoic acid
Concen: 9.004 ng
RT: 10.15 min Scan# 1202
Delta R.T. 0.01 min
Lab File: BG045781.D
Acq: 16 Jun 2020 20:42

Tgt Ion:122 Resp: 87

Ion	Ratio	Lower	Upper
122	100		
105	453.3	112.9	152.9#
77	1042.7	79.2	119.2#



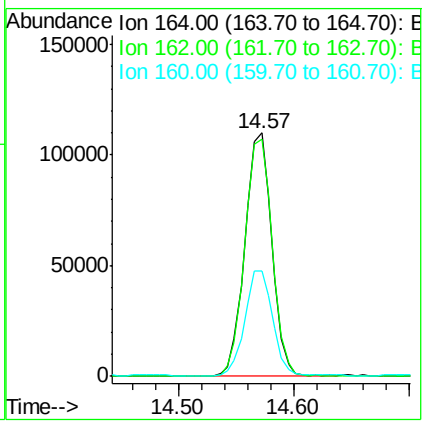


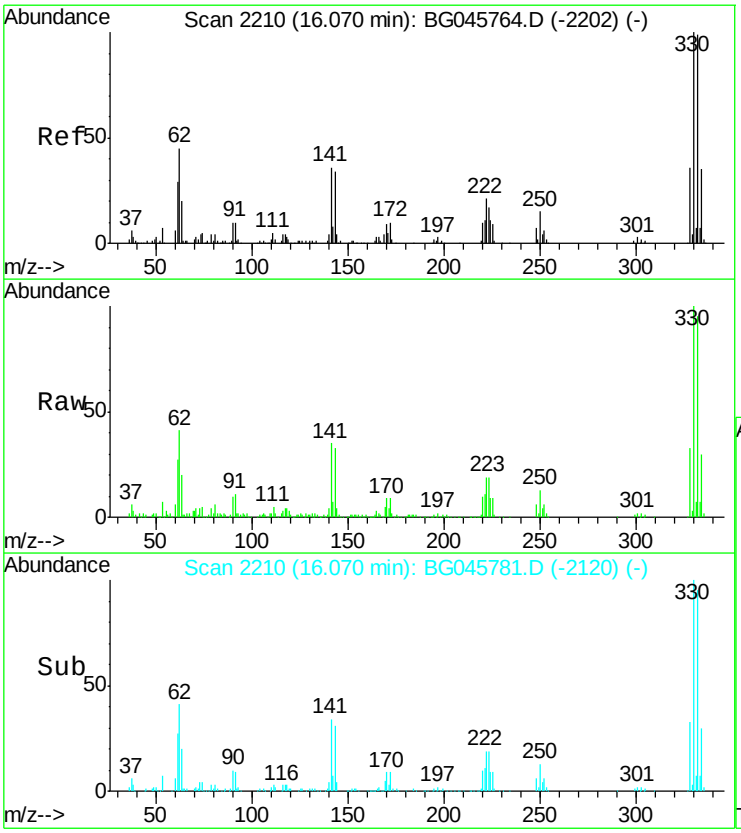
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.57 min Scan# 1955
Delta R.T. 0.01 min
Lab File: BG045781.D
Acq: 16 Jun 2020 20:42

Instrument :
BNA_G
ClientSampleId :
HR-06-061120

Tgt Ion:164 Resp: 179962

Ion	Ratio	Lower	Upper
164	100		
162	97.2	77.4	116.0
160	43.5	33.3	49.9

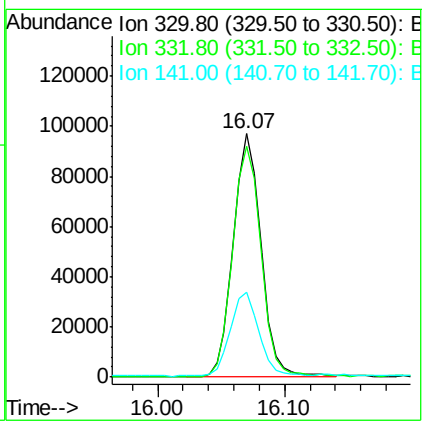


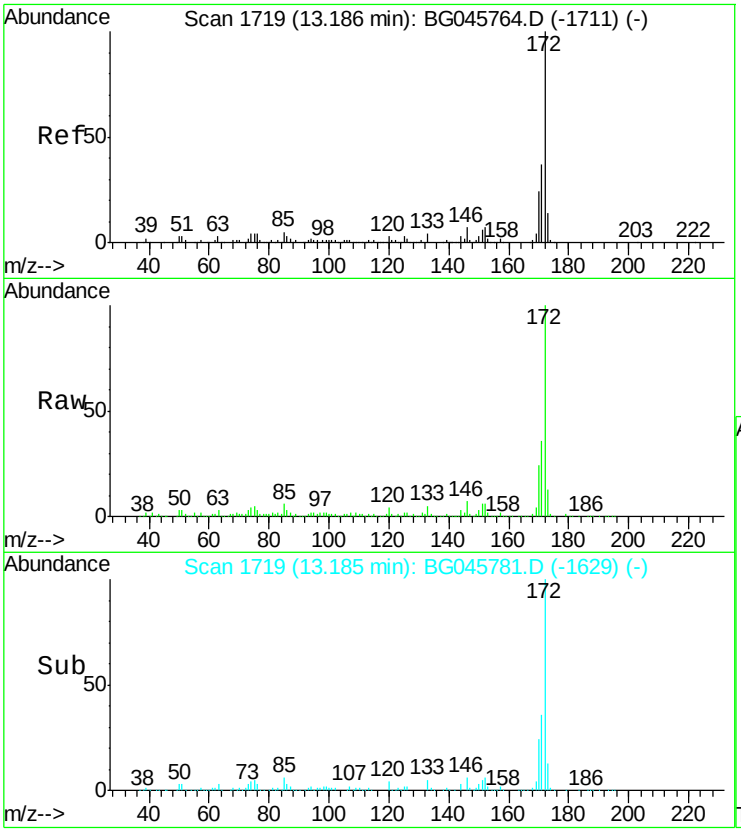


#42
2,4,6-Tribromophenol
Concen: 54.393 ng
RT: 16.07 min Scan# 2210
Delta R.T. -0.00 min
Lab File: BG045781.D
Acq: 16 Jun 2020 20:42

Tgt Ion:330 Resp: 147784

Ion	Ratio	Lower	Upper
330	100		
332	96.1	78.6	117.8
141	35.0	28.2	42.4



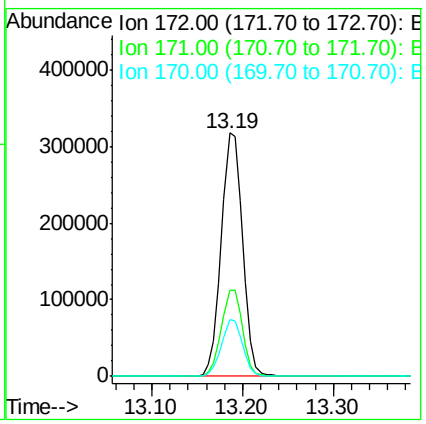


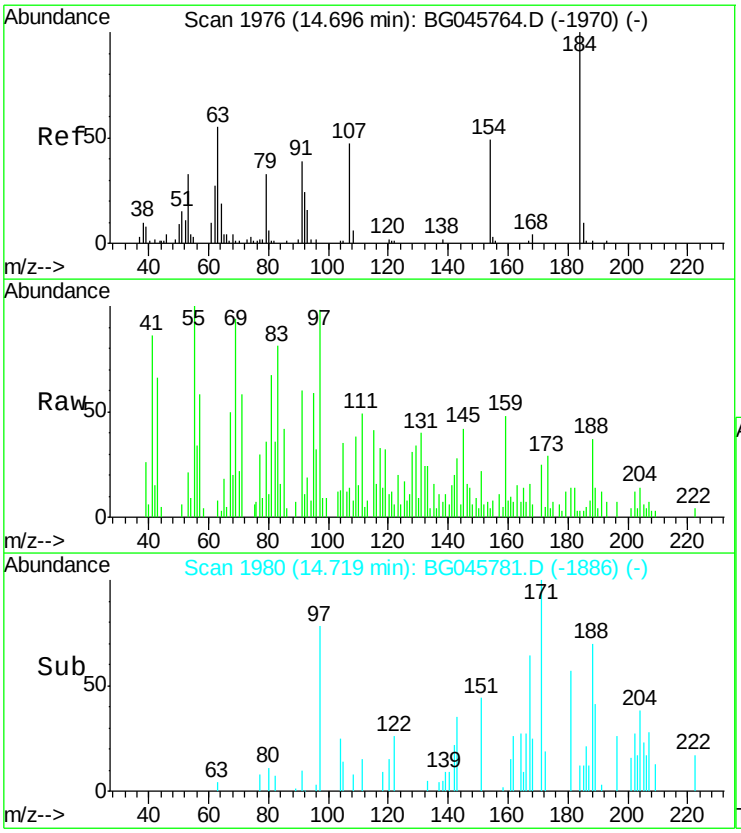
#45
2-Fluorobiphenyl
Concen: 42.391 ng
RT: 13.19 min Scan# 1719
Delta R.T. -0.00 min
Lab File: BG045781.D
Acq: 16 Jun 2020 20:42

Instrument :
BNA_G
ClientSampleId :
HR-06-061120

Tgt Ion:172 Resp: 519122

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.9	44.9
170	23.6	19.3	28.9

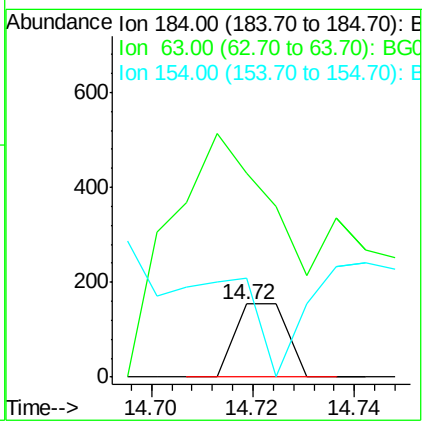


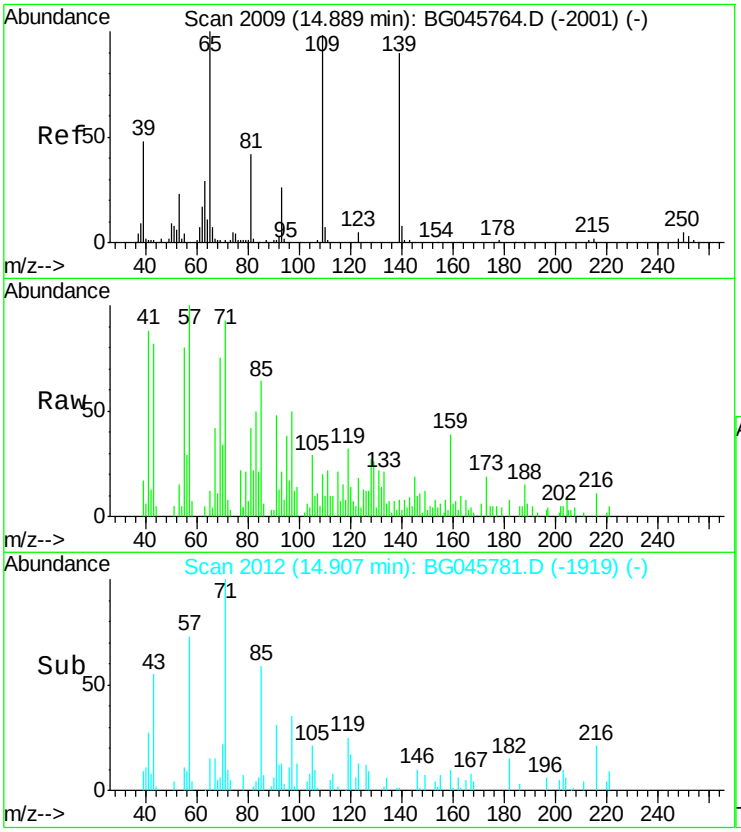


#54
2,4-Dinitrophenol
Concen: 9.880 ng
RT: 14.72 min Scan# 1980
Delta R.T. 0.02 min
Lab File: BG045781.D
Acq: 16 Jun 2020 20:42

Tgt Ion:184 Resp: 109

Ion	Ratio	Lower	Upper
184	100		
63	279.2	46.6	70.0#
154	135.7	58.6	87.8#



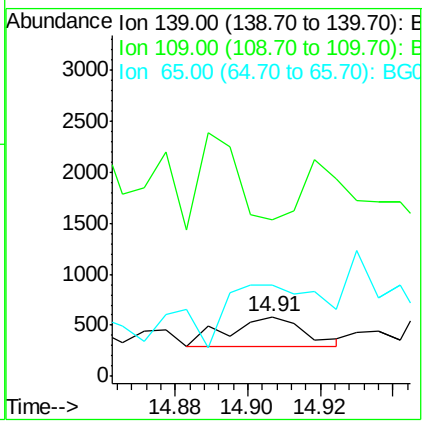


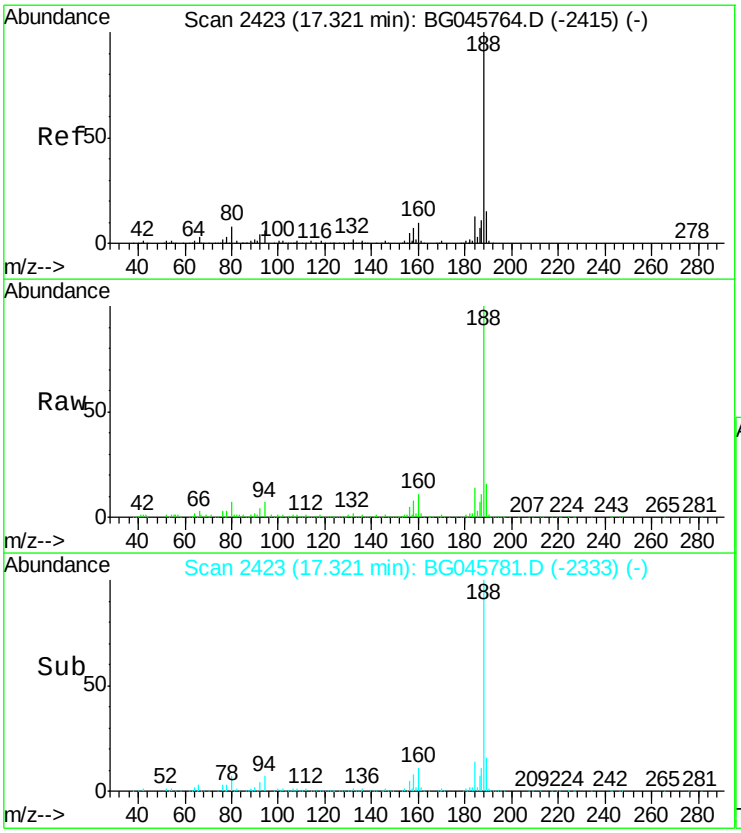
#56
4-Nitrophenol
Concen: 4.156 ng
RT: 14.91 min Scan# 2012
Delta R.T. 0.02 min
Lab File: BG045781.D
Acq: 16 Jun 2020 20:42

Instrument :
BNA_G
ClientSampleId :
HR-06-061120

Tgt Ion:139 Resp: 436

Ion	Ratio	Lower	Upper
139	100		
109	265.2	88.9	128.9#
65	153.7	92.3	132.3#

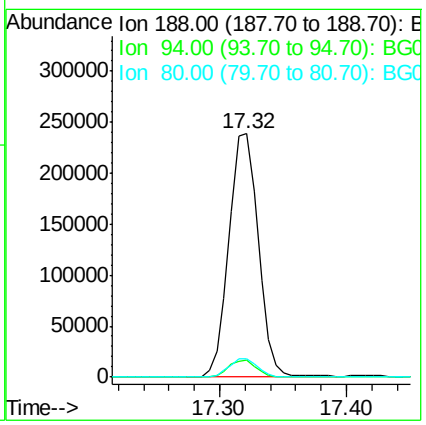


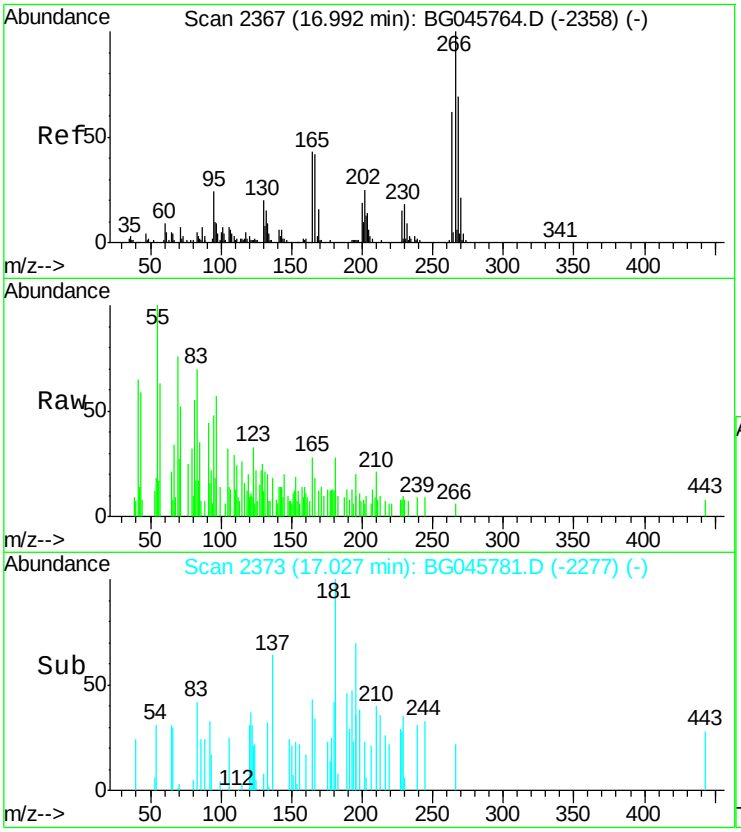


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.32 min Scan# 2423
Delta R.T. -0.00 min
Lab File: BG045781.D
Acq: 16 Jun 2020 20:42

Tgt Ion:188 Resp: 383122

Ion	Ratio	Lower	Upper
188	100		
94	7.2	5.1	7.7
80	7.4	6.2	9.4



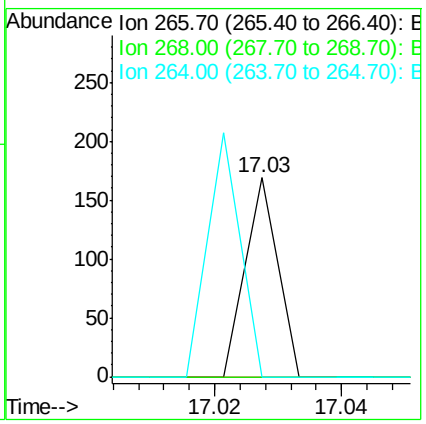


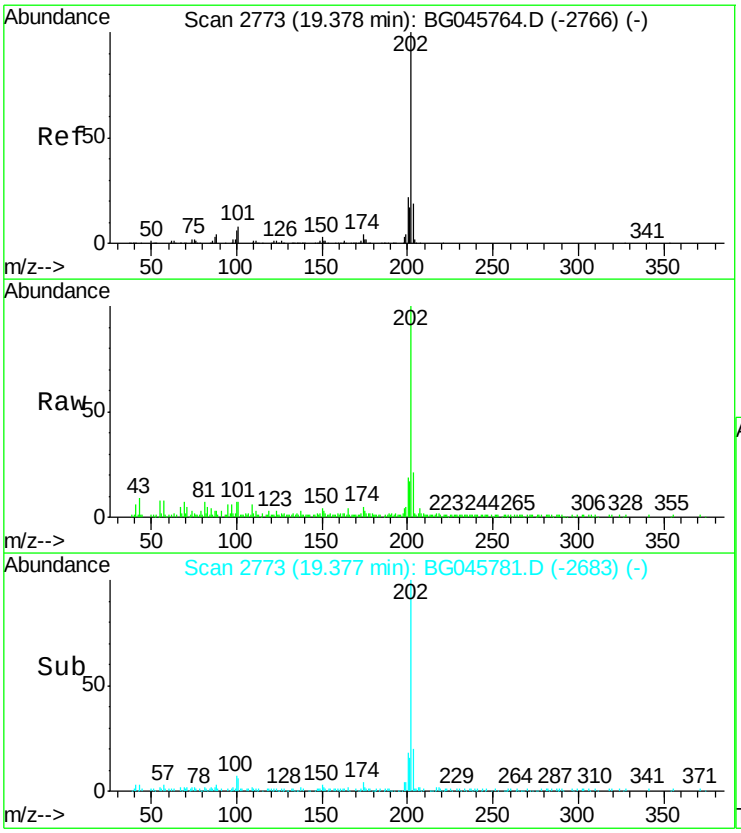
#70
Pentachlorophenol
Concen: 7.654 ng
RT: 17.03 min Scan# 2373
Delta R.T. 0.04 min
Lab File: BG045781.D
Acq: 16 Jun 2020 20:42

Instrument :
BNA_G
ClientSampleId :
HR-06-061120

Tgt Ion:266 Resp: 60

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

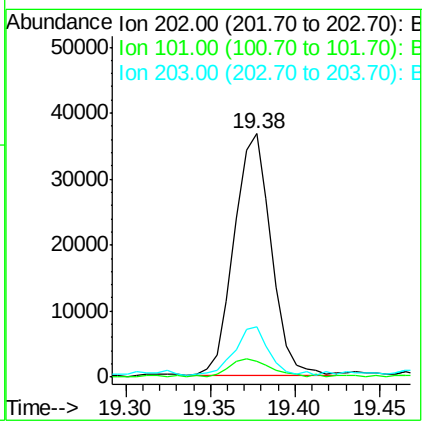


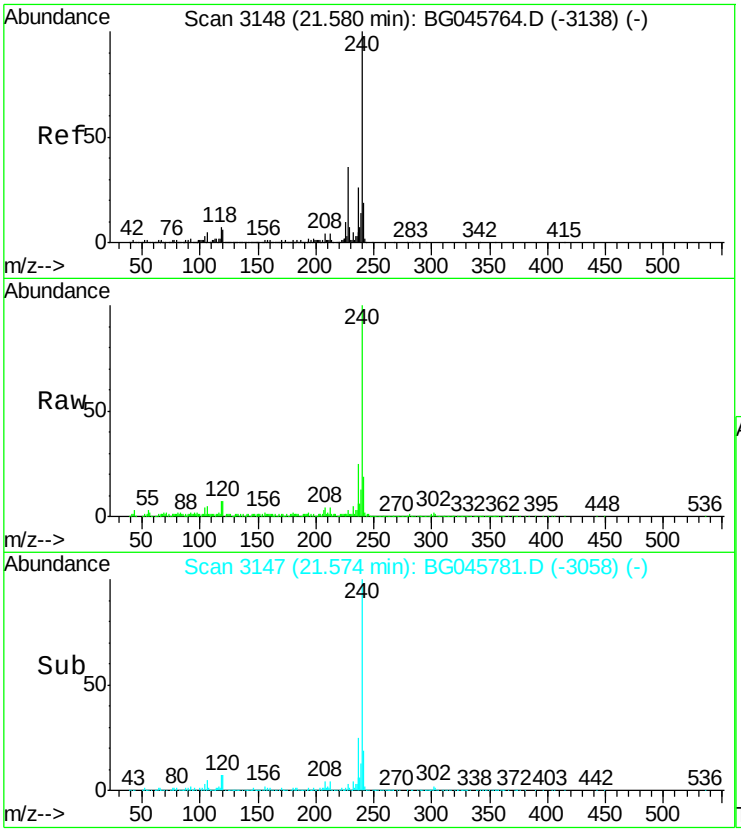


#75
Fluoranthene
Concen: 2.302 ng
RT: 19.38 min Scan# 2773
Delta R.T. -0.00 min
Lab File: BG045781.D
Acq: 16 Jun 2020 20:42

Tgt Ion:202 Resp: 55932

Ion	Ratio	Lower	Upper
202	100		
101	6.7	0.0	27.7
203	20.6	0.0	38.7



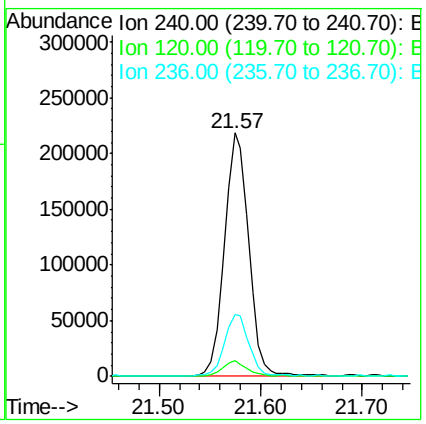


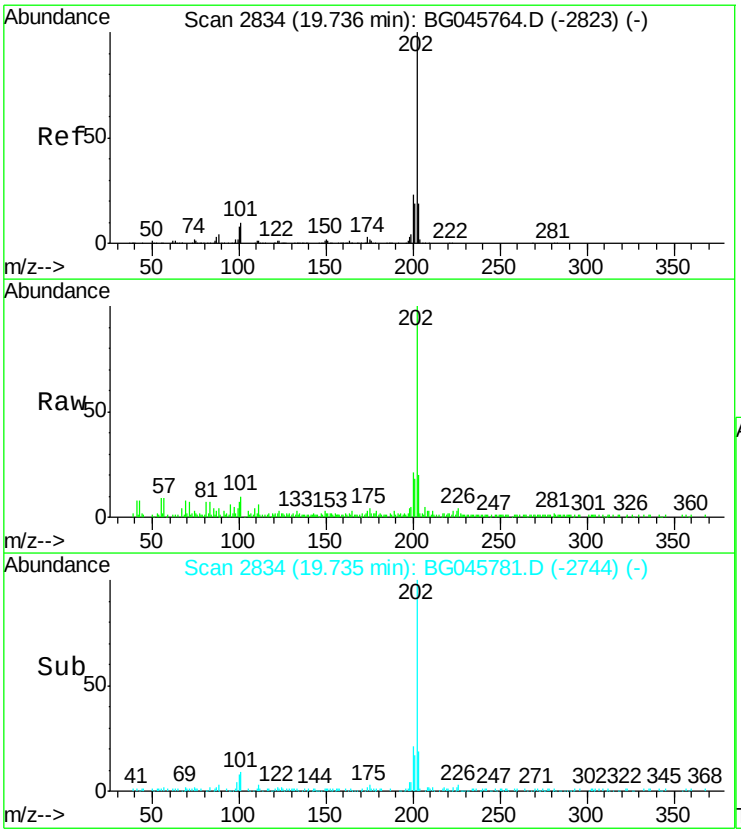
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.57 min Scan# 3147
Delta R.T. -0.01 min
Lab File: BG045781.D
Acq: 16 Jun 2020 20:42

Instrument :
BNA_G
ClientSampleId :
HR-06-061120

Tgt Ion:240 Resp: 359384

Ion	Ratio	Lower	Upper
240	100		
120	6.7	5.0	7.4
236	25.4	20.6	30.8

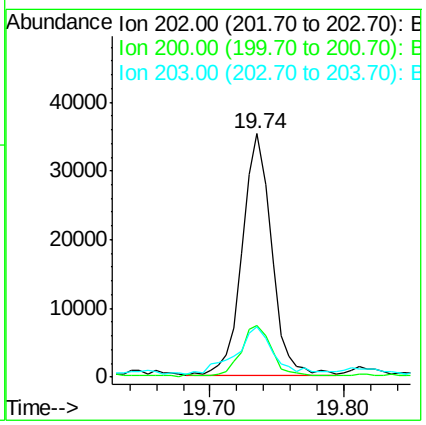


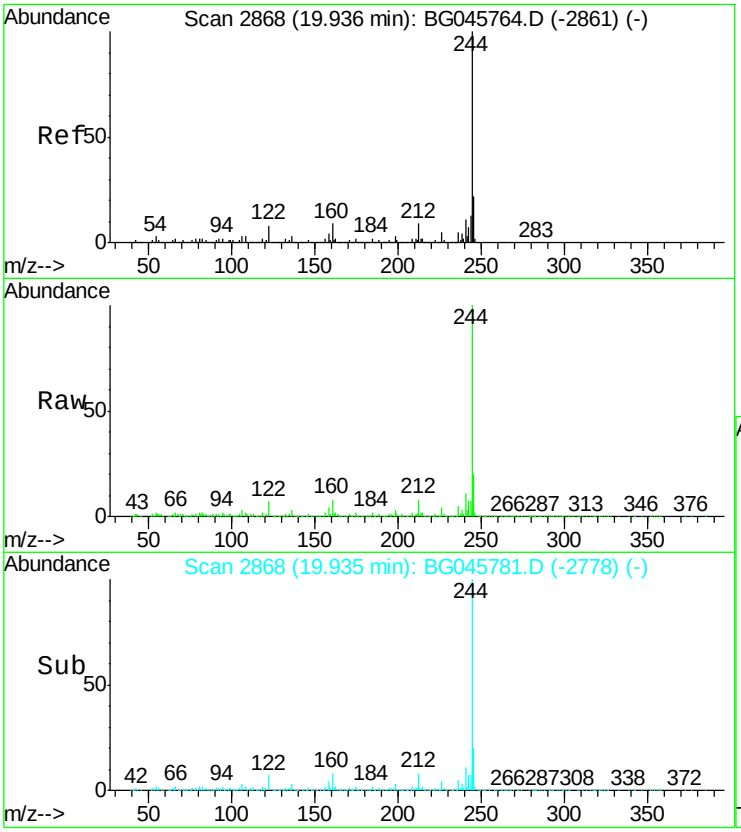


#78
Pyrene
Concen: 2.194 ng
RT: 19.74 min Scan# 2834
Delta R.T. -0.00 min
Lab File: BG045781.D
Acq: 16 Jun 2020 20:42

Tgt Ion:202 Resp: 52802

Ion	Ratio	Lower	Upper
202	100		
200	21.2	18.2	27.2
203	20.4	14.8	22.2



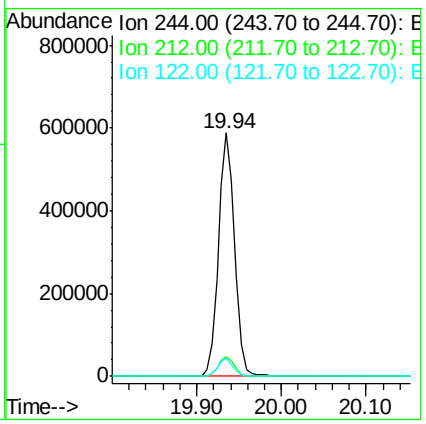


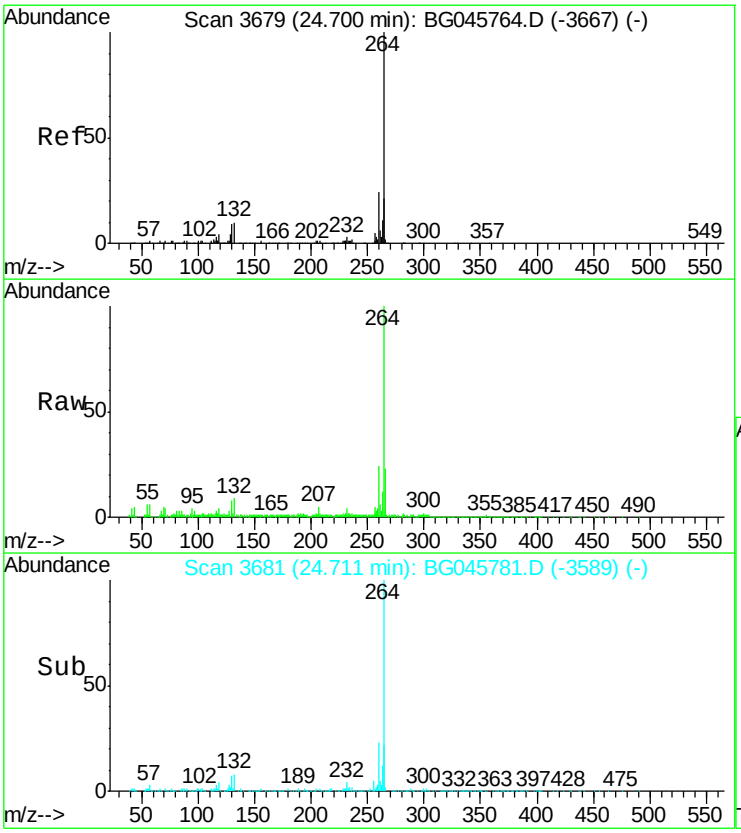
#79
Terphenyl-d14
Concen: 44.022 ng
RT: 19.94 min Scan# 2868
Delta R.T. -0.00 min
Lab File: BG045781.D
Acq: 16 Jun 2020 20:42

Instrument :
BNA_G
ClientSampleId :
HR-06-061120

Tgt Ion:244 Resp: 780661

Ion	Ratio	Lower	Upper
244	100		
212	7.9	7.2	10.8
122	7.3	6.4	9.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.71 min Scan# 3681
Delta R.T. 0.01 min
Lab File: BG045781.D
Acq: 16 Jun 2020 20:42

Tgt Ion:264 Resp: 393579

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.0	28.4
265	22.6	17.4	26.0