Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080720\
Data File : BG046199.D
Acq On : 7 Aug 2020 18:55
Operator : CG/JU
Sample : PB130810BL
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB130810BL

Quant Time: Aug 08 00:23:18 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 30 18:43:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	99438	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	378228	20.00	ng	0.00
39) Acenaphthene-d10	14.58	164	250589	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	634020	20.00	ng	-0.01
76) Chrysene-d12	21.56	240	722892	20.00	ng	-0.01
86) Perylene-d12	24.67	264	737248	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	634071	110.85	ng	0.00
7) Phenol-d6	7.12	99	782106	100.32	ng	0.00
23) Nitrobenzene-d5	9.10	82	506738	72.54	ng	0.00
42) 2,4,6-Tribromophenol	16.06	330	332138	86.29	ng	0.00
45) 2-Fluorobiphenyl	13.20	172	1293429	74.98	ng	0.00
79) Terphenyl-d14	19.94	244	2291022	64.55	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.10	70	64951	12.802	ng	# 78
51) 2,6-Dinitrotoluene	14.58	165	33475	7.479	ng	# 29
57) 2,4-Dinitrotoluene	14.58	165	33475	5.439	ng	# 29
67) 4-Bromophenyl-phenylether	16.06	248	19076	2.435	ng	# 1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080720\
Data File : BG046199.D
Acq On : 7 Aug 2020 18:55
Operator : CG/JU
Sample : PB130810BL
Misc :
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Instrument :
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ClientSampleId :
PB130810BL

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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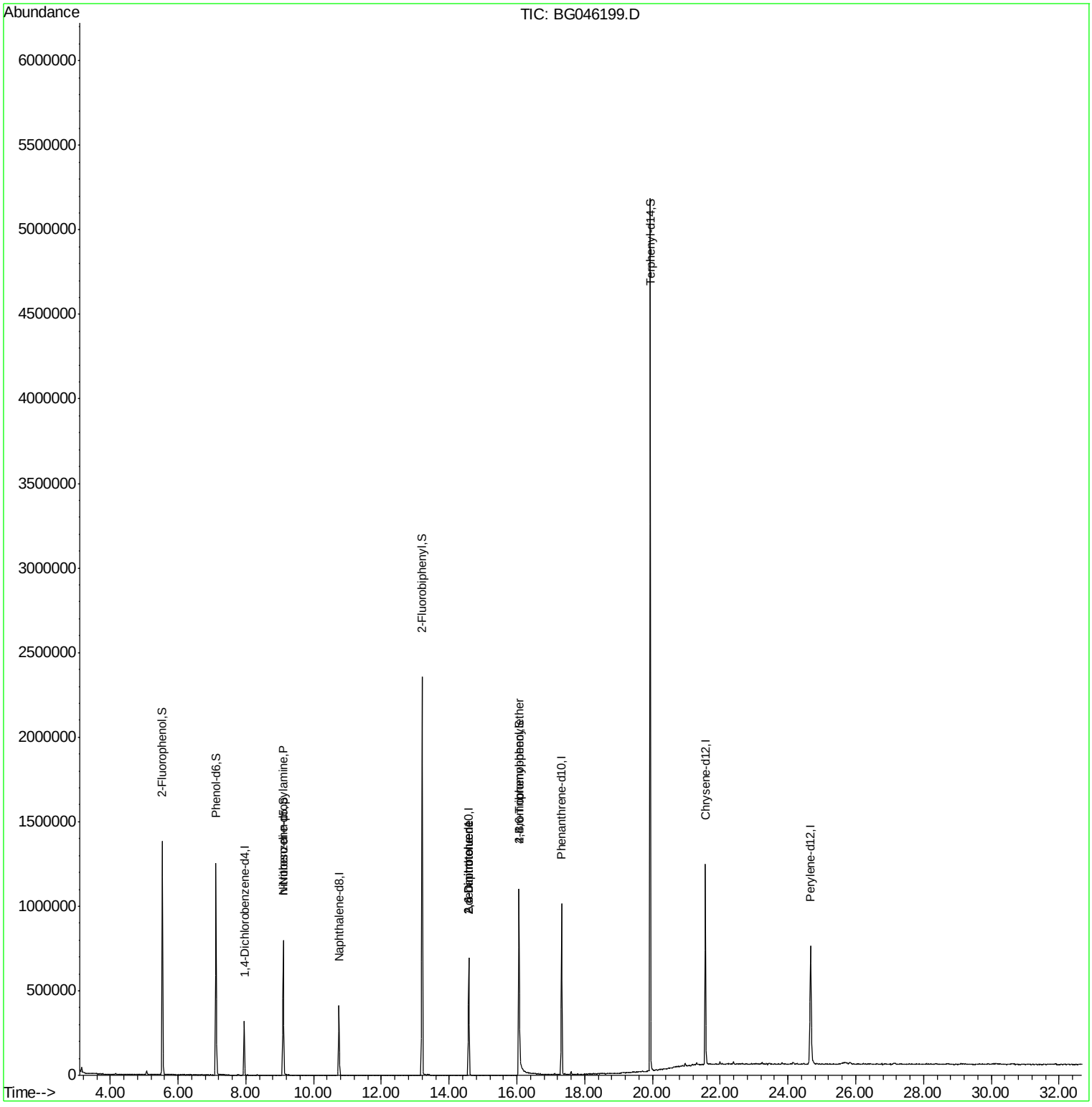
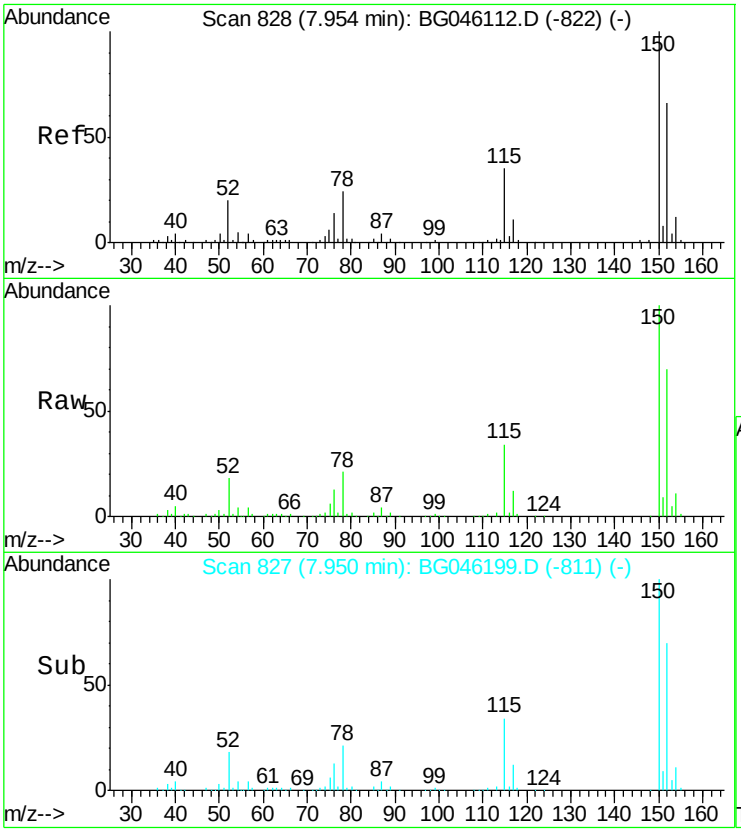


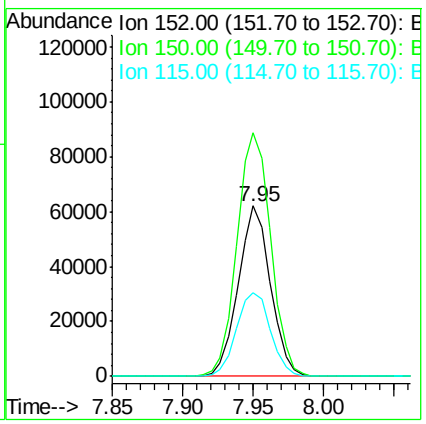


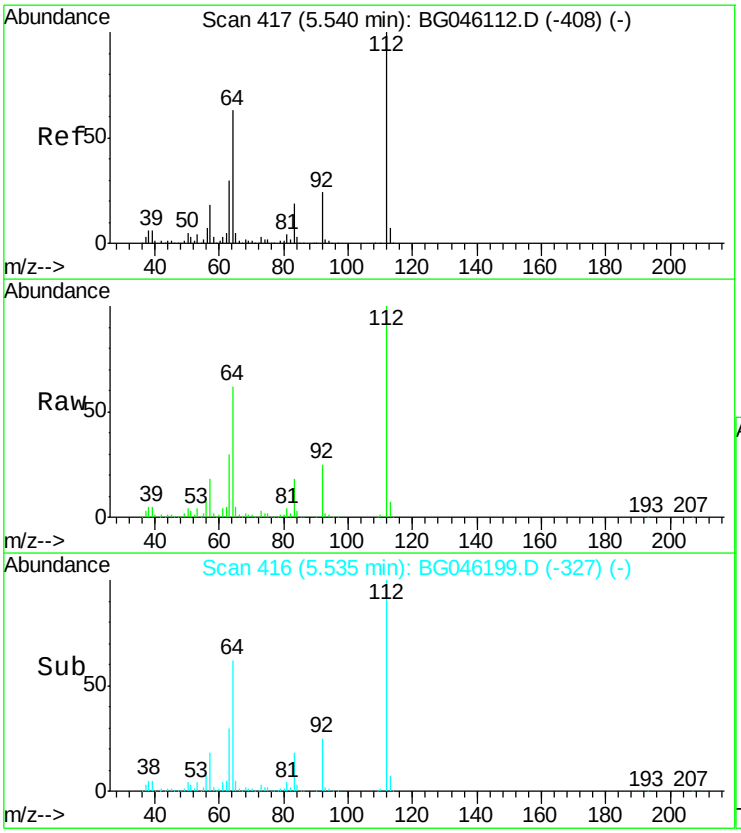
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.00 min
Lab File: BG046199.D
Acq: 7 Aug 2020 18:55

Instrument :
BNA_G
ClientSampleId :
PB130810BL

Tgt Ion:152 Resp: 99438

Ion	Ratio	Lower	Upper
152	100		
150	143.1	122.1	183.1
115	49.2	43.2	64.8

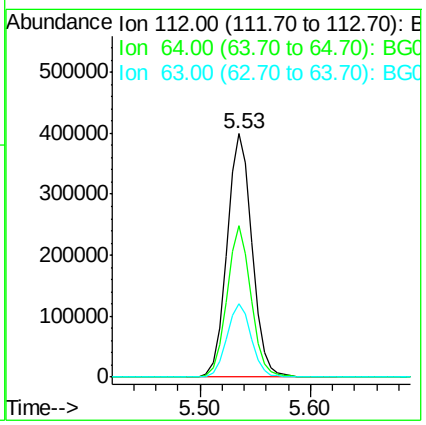


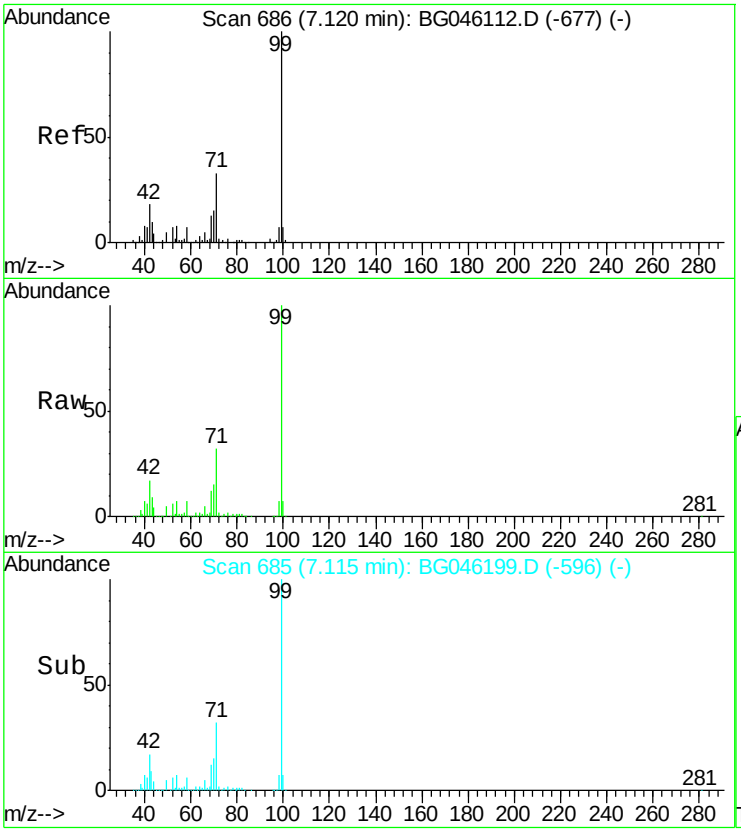


#5
2-Fluorophenol
Concen: 110.848 ng
RT: 5.53 min Scan# 416
Delta R.T. -0.00 min
Lab File: BG046199.D
Acq: 7 Aug 2020 18:55

Tgt Ion:112 Resp: 634071

Ion	Ratio	Lower	Upper
112	100		
64	62.3	50.2	75.2
63	30.1	24.2	36.4



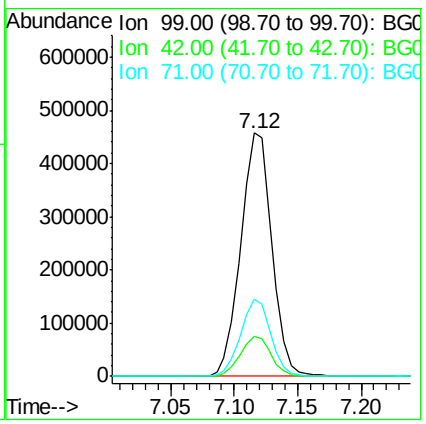


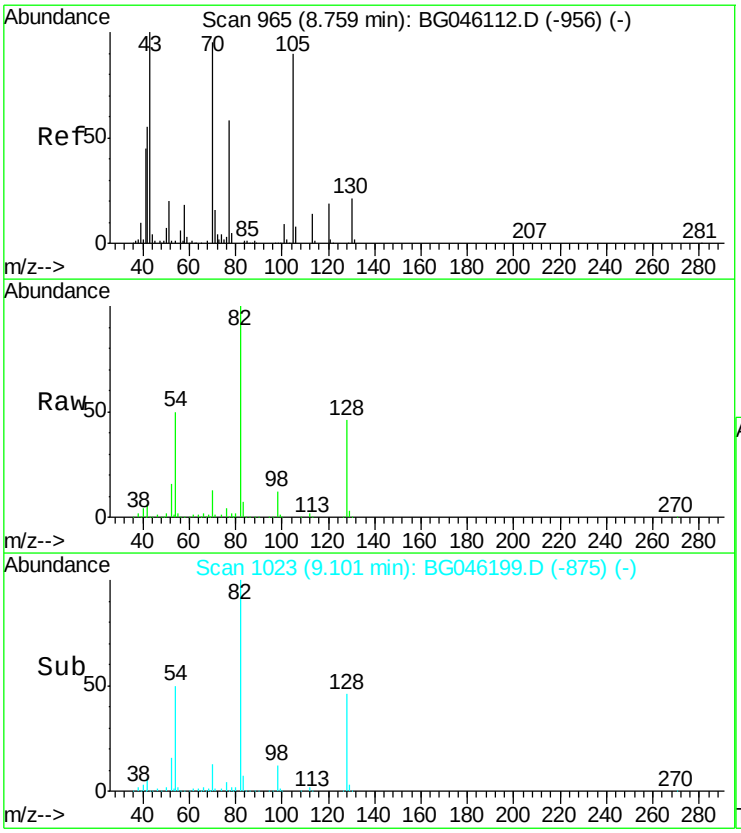
#7
Phenol-d6
Concen: 100.323 ng
RT: 7.12 min Scan# 685
Delta R.T. -0.00 min
Lab File: BG046199.D
Acq: 7 Aug 2020 18:55

Instrument :
BNA_G
ClientSampleId :
PB130810BL

Tgt Ion: 99 Resp: 782106

Ion	Ratio	Lower	Upper
99	100		
42	16.5	14.7	22.1
71	31.9	26.5	39.7

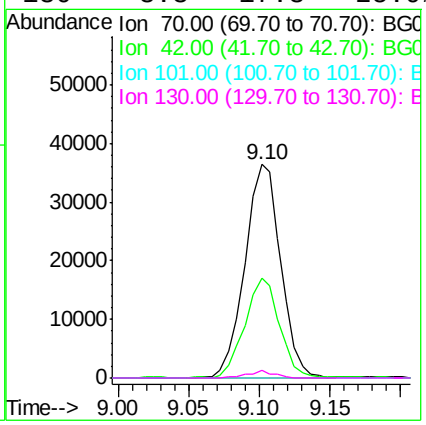


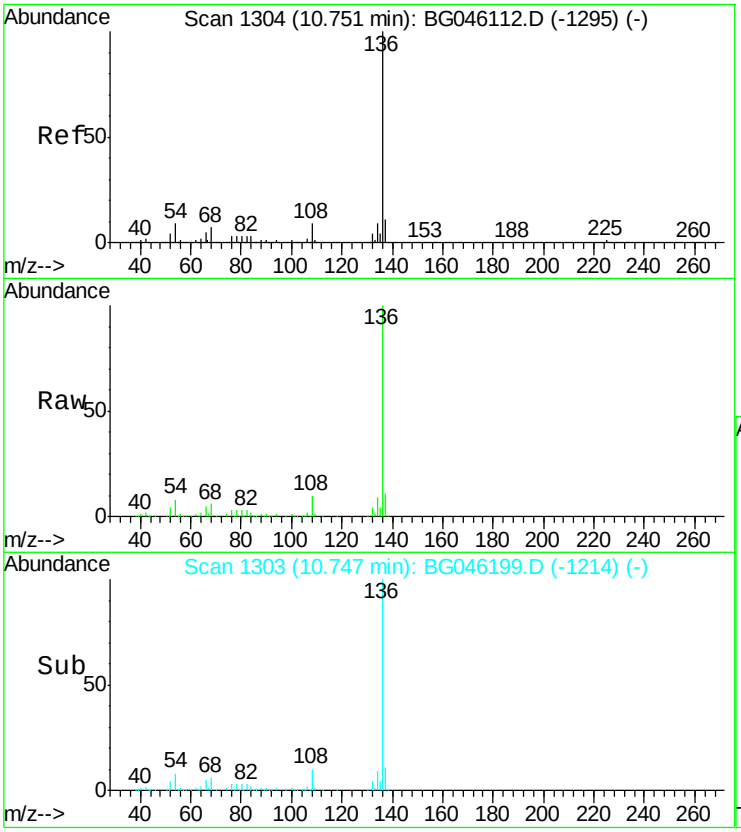


#19
n-Nitroso-di-n-propylamine
Concen: 12.802 ng
RT: 9.10 min Scan# 1023
Delta R.T. 0.34 min
Lab File: BG046199.D
Acq: 7 Aug 2020 18:55

Tgt Ion: 70 Resp: 64951

Ion	Ratio	Lower	Upper
70	100		
42	46.6	46.5	69.7
101	0.0	7.6	11.4#
130	3.3	17.3	25.9#



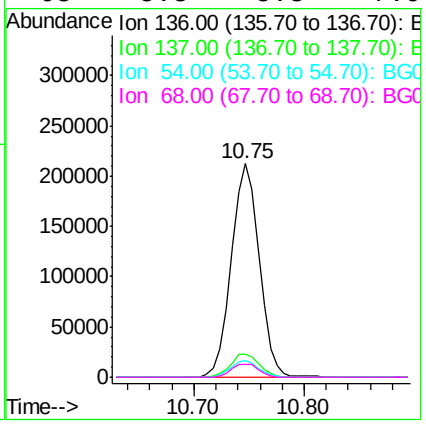


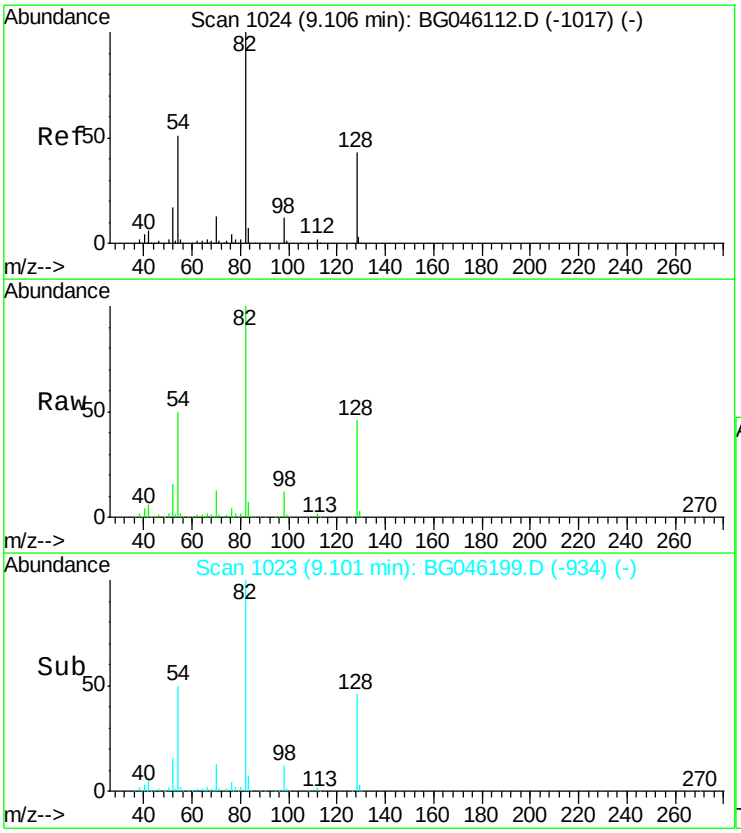
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1303
Delta R.T. -0.00 min
Lab File: BG046199.D
Acq: 7 Aug 2020 18:55

Instrument :
BNA_G
ClientSampleId :
PB130810BL

Tgt Ion:136 Resp: 378228

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.8	13.2
54	7.6	7.0	10.4
68	5.8	5.3	7.9

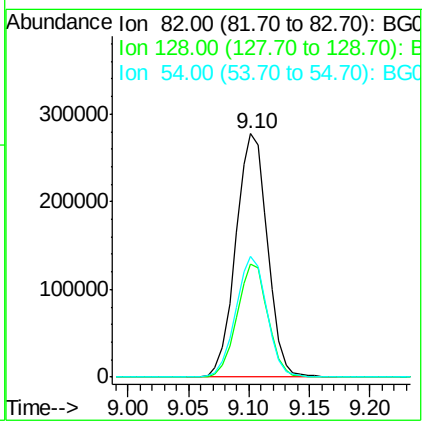


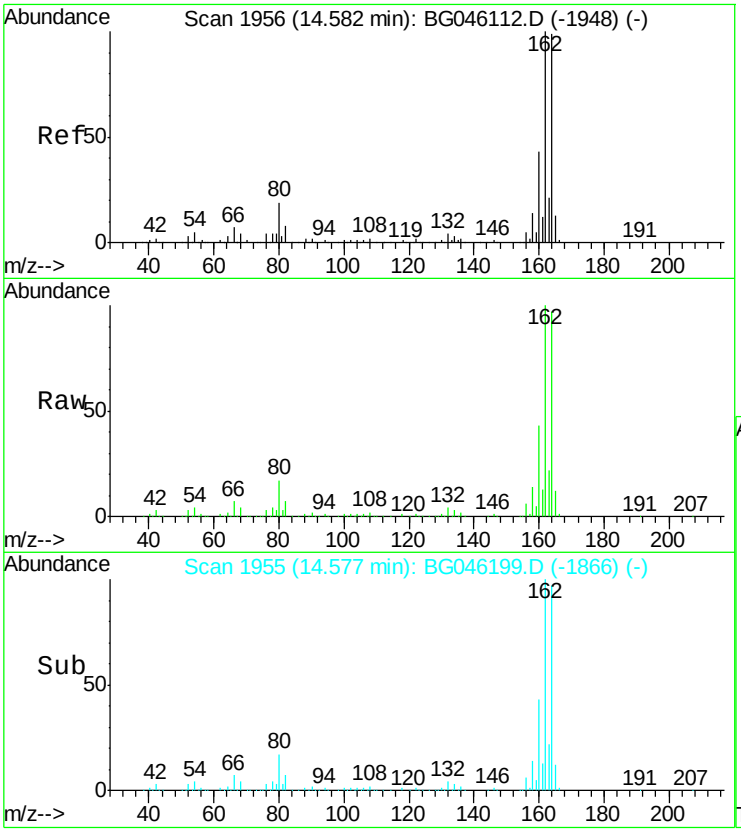


#23
Nitrobenzene-d5
Concen: 72.539 ng
RT: 9.10 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BG046199.D
Acq: 7 Aug 2020 18:55

Tgt Ion: 82 Resp: 506738

Ion	Ratio	Lower	Upper
82	100		
128	46.4	34.4	51.6
54	49.9	40.8	61.2



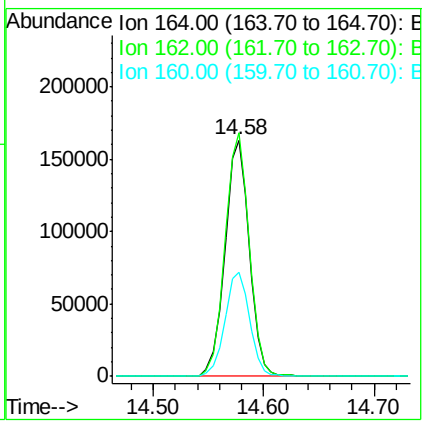


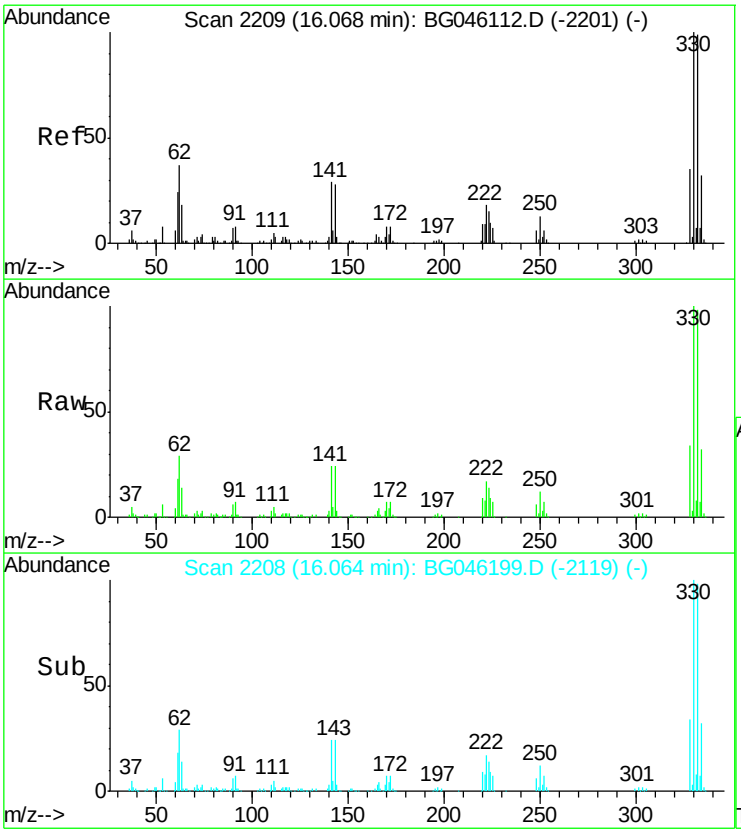
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.58 min Scan# 1955
Delta R.T. -0.00 min
Lab File: BG046199.D
Acq: 7 Aug 2020 18:55

Instrument :
BNA_G
ClientSampleId :
PB130810BL

Tgt Ion:164 Resp: 250589

Ion	Ratio	Lower	Upper
164	100		
162	103.1	80.6	121.0
160	43.9	34.9	52.3

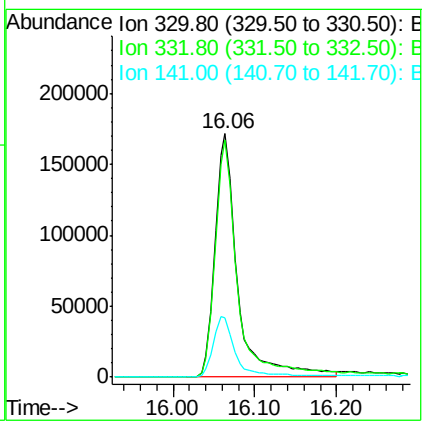


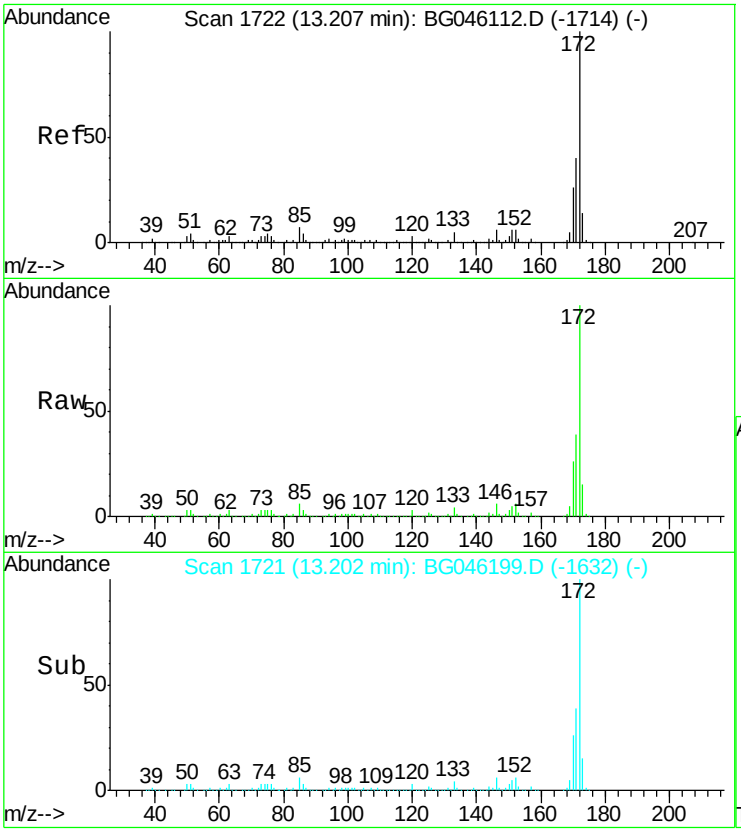


#42
2,4,6-Tribromophenol
Concen: 86.292 ng
RT: 16.06 min Scan# 2208
Delta R.T. -0.00 min
Lab File: BG046199.D
Acq: 7 Aug 2020 18:55

Tgt Ion:330 Resp: 332138

Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.4	116.2
141	24.6	23.4	35.0



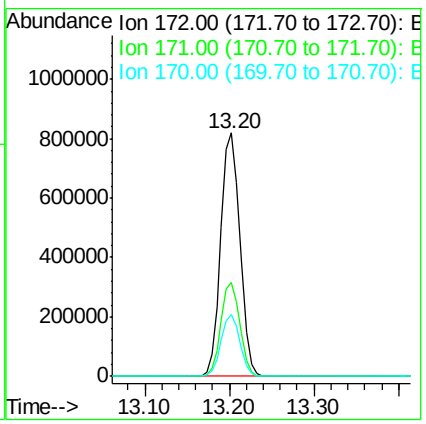


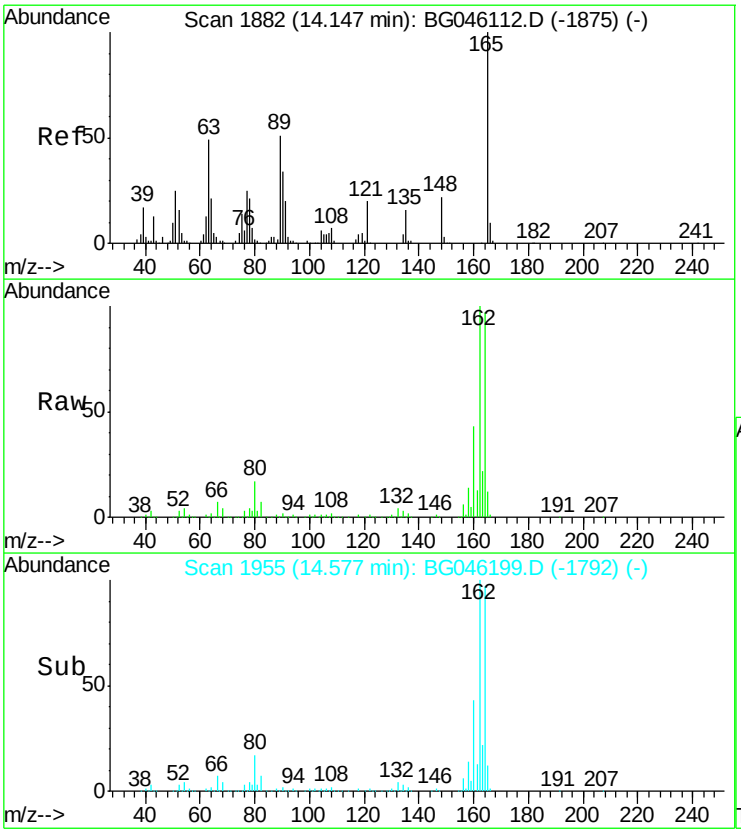
#45
2-Fluorobiphenyl
Concen: 74.978 ng
RT: 13.20 min Scan# 1721
Delta R.T. -0.00 min
Lab File: BG046199.D
Acq: 7 Aug 2020 18:55

Instrument :
BNA_G
ClientSampleId :
PB130810BL

Tgt Ion:172 Resp: 1293429

Ion	Ratio	Lower	Upper
172	100		
171	38.8	31.7	47.5
170	25.5	20.9	31.3

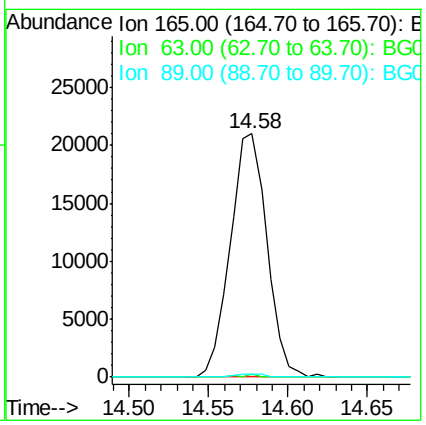


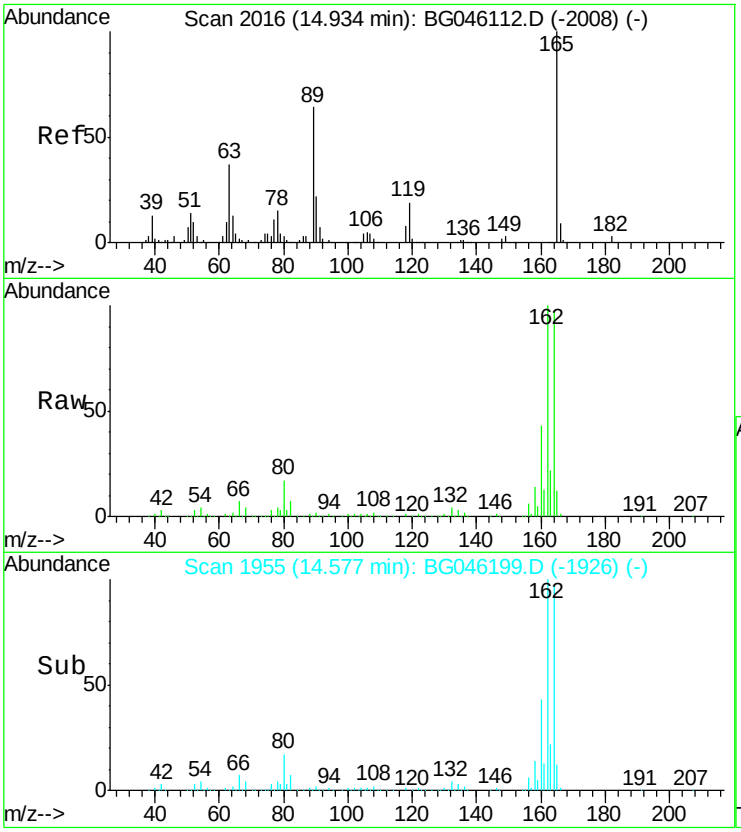


#51
2,6-Dinitrotoluene
Concen: 7.479 ng
RT: 14.58 min Scan# 1955
Delta R.T. 0.43 min
Lab File: BG046199.D
Acq: 7 Aug 2020 18:55

Tgt Ion:165 Resp: 33475

Ion	Ratio	Lower	Upper
165	100		
63	1.2	39.7	59.5#
89	1.4	41.0	61.6#



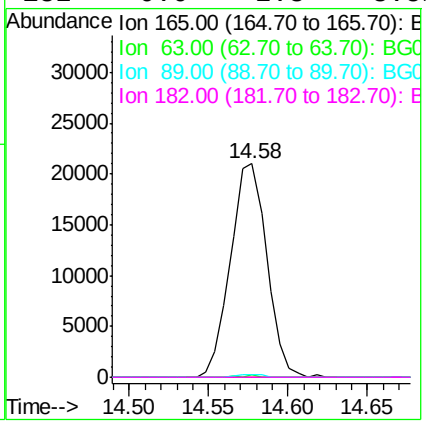


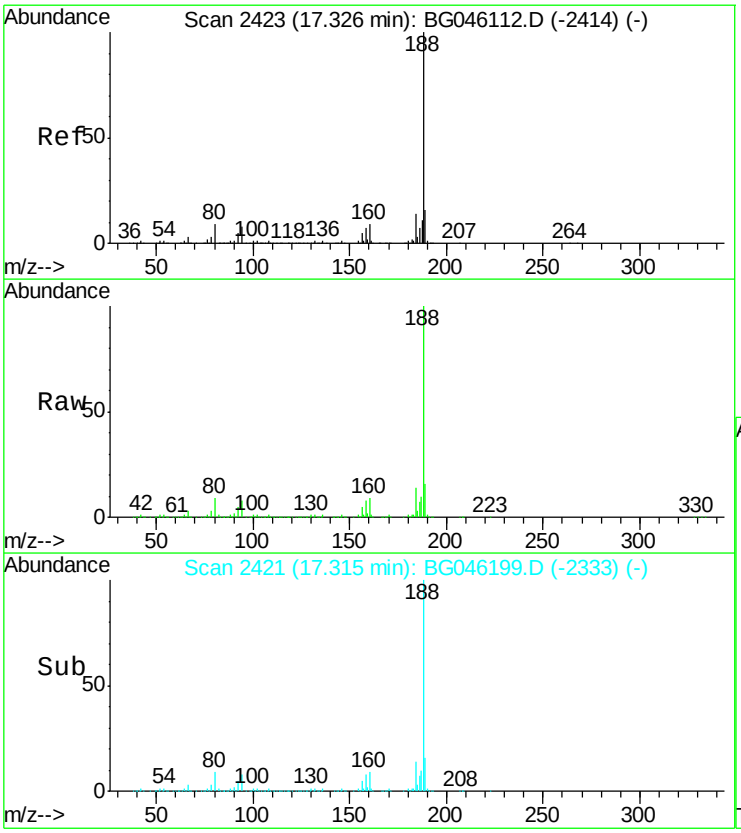
#57
2,4-Dinitrotoluene
Concen: 5.439 ng
RT: 14.58 min Scan# 1955
Delta R.T. -0.36 min
Lab File: BG046199.D
Acq: 7 Aug 2020 18:55

Instrument :
BNA_G
ClientSampleId :
PB130810BL

Tgt Ion:165 Resp: 33475

Ion	Ratio	Lower	Upper
165	100		
63	1.2	30.1	45.1#
89	1.4	51.4	77.2#
182	0.0	2.3	3.5#

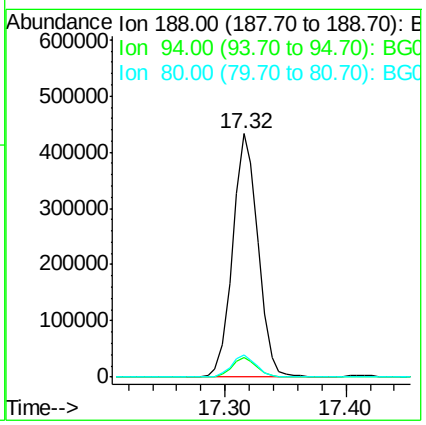


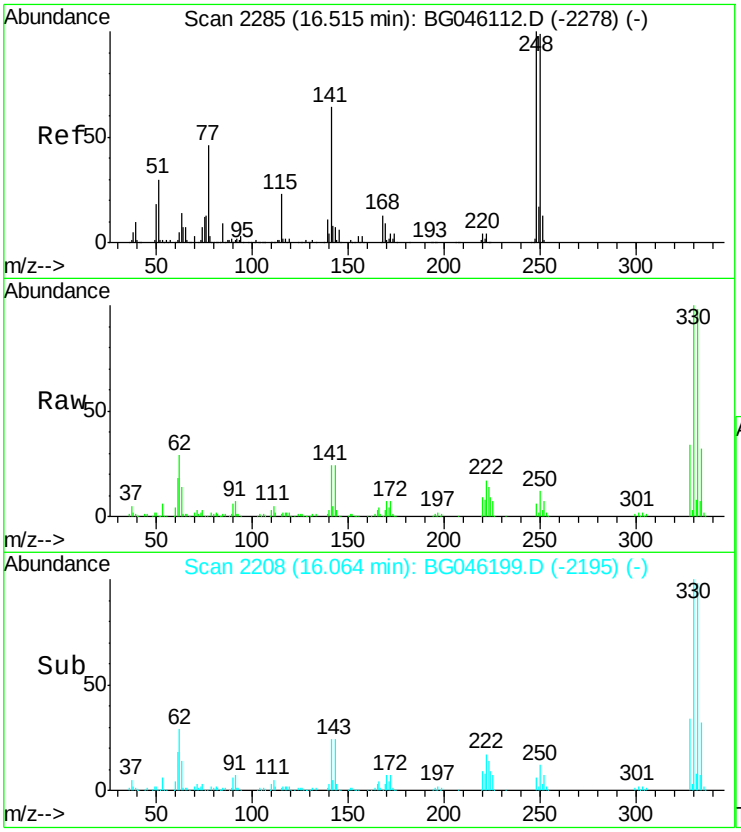


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.32 min Scan# 2421
Delta R.T. -0.01 min
Lab File: BG046199.D
Acq: 7 Aug 2020 18:55

Tgt Ion:188 Resp: 634020

Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.4	9.6
80	9.2	7.4	11.0



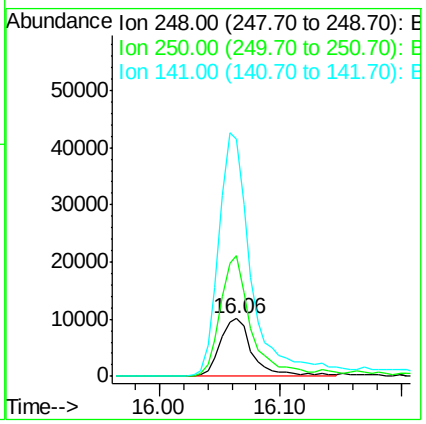


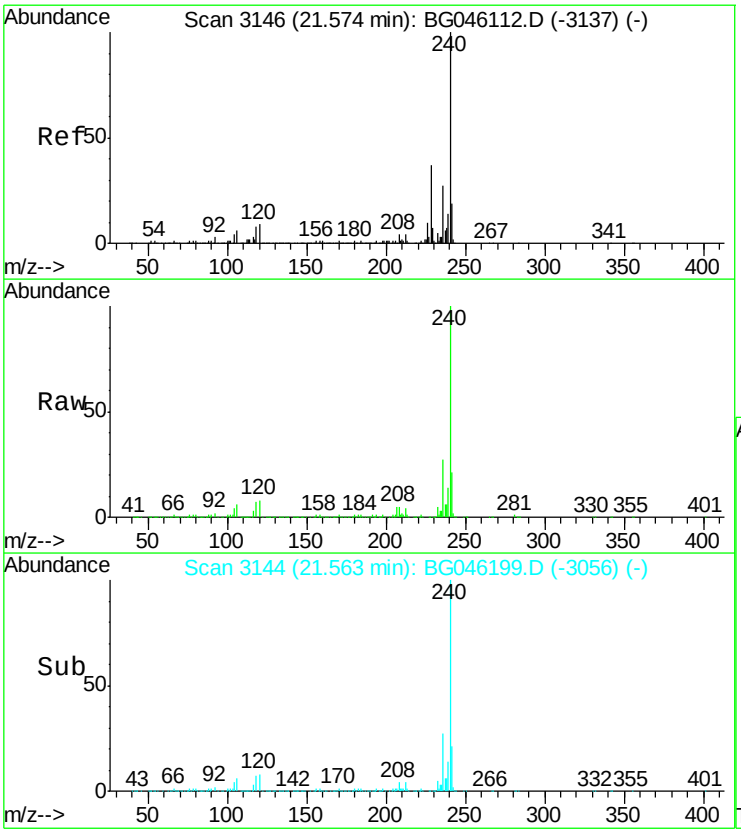
#67
4-Bromophenyl-phenylether
Concen: 2.435 ng
RT: 16.06 min Scan# 2208
Delta R.T. -0.45 min
Lab File: BG046199.D
Acq: 7 Aug 2020 18:55

Instrument :
BNA_G
ClientSampleId :
PB130810BL

Tgt Ion:248 Resp: 19076

Ion	Ratio	Lower	Upper
248	100		
250	209.6	79.4	119.0#
141	412.7	50.9	76.3#

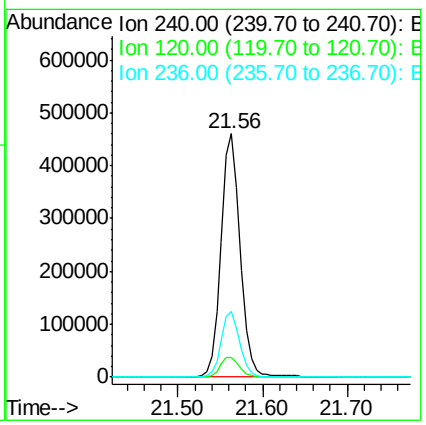


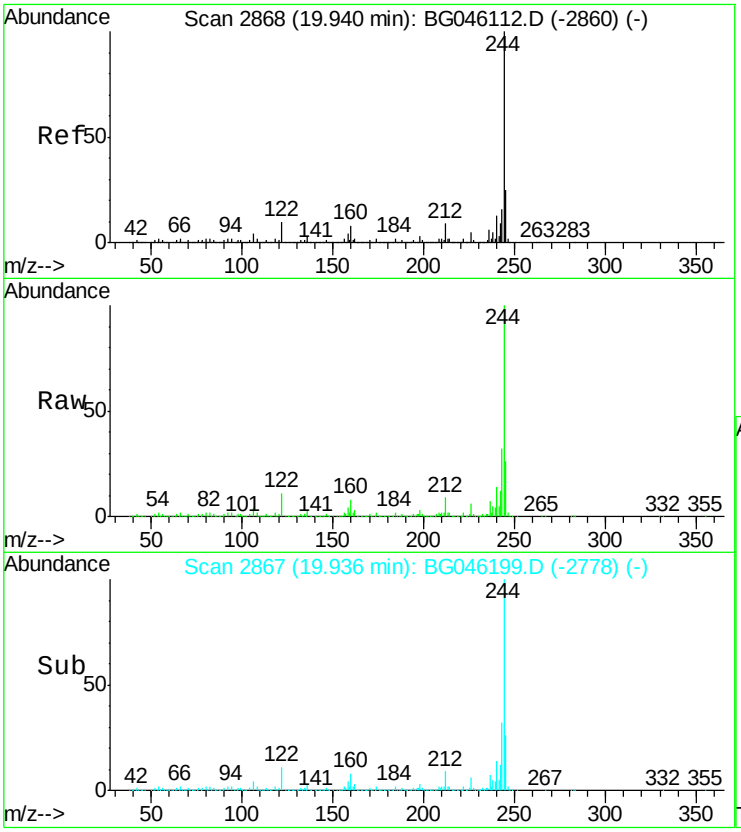


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.56 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG046199.D
Acq: 7 Aug 2020 18:55

Tgt Ion:240 Resp: 722892

Ion	Ratio	Lower	Upper
240	100		
120	8.1	7.1	10.7
236	26.7	21.7	32.5



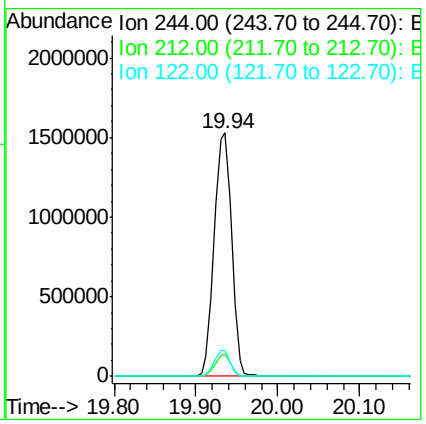


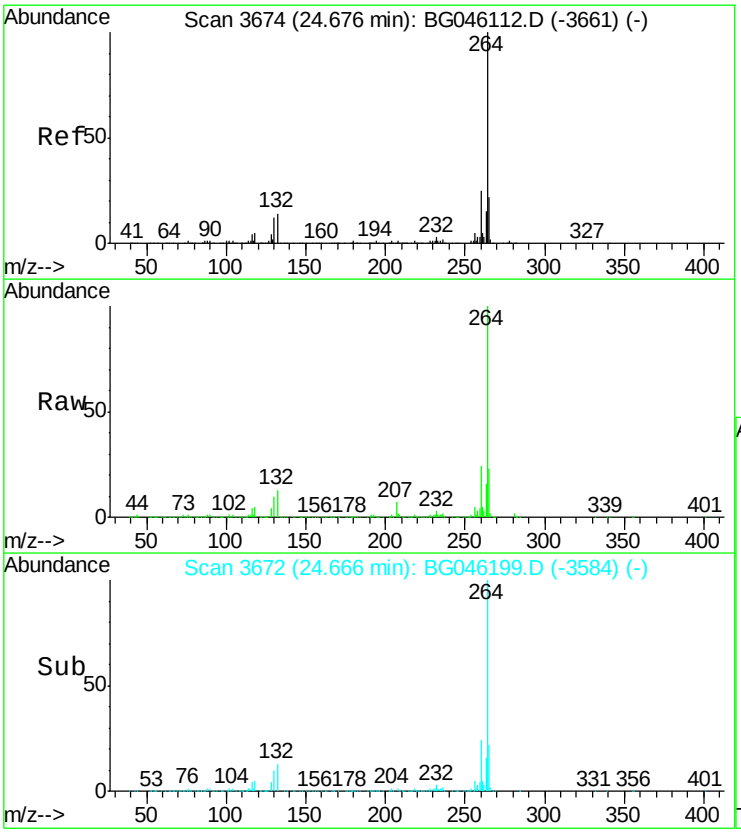
#79
Terphenyl-d14
Concen: 64.546 ng
RT: 19.94 min Scan# 2867
Delta R.T. -0.00 min
Lab File: BG046199.D
Acq: 7 Aug 2020 18:55

Instrument :
BNA_G
ClientSampleId :
PB130810BL

Tgt Ion:244 Resp: 2291022

Ion	Ratio	Lower	Upper
244	100		
212	9.1	7.2	10.8
122	10.5	8.3	12.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.67 min Scan# 3672
Delta R.T. -0.01 min
Lab File: BG046199.D
Acq: 7 Aug 2020 18:55

Tgt Ion:264 Resp: 737248

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.7	29.5
265	22.7	17.6	26.4