Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051220\
Data File : BG045360.D
Acq On : 13 May 2020 13:36
Operator : CG/JU
Sample : L2571-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CHASSIE-WASH

Quant Time: May 13 14:38:00 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 13 11:40:01 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	63902	20.00	ng	0.00
21) Naphthalene-d8	10.78	136	252483	20.00	ng	0.00
39) Acenaphthene-d10	14.61	164	179973	20.00	ng	0.00
64) Phenanthrene-d10	17.36	188	438621	20.00	ng	0.00
76) Chrysene-d12	21.62	240	416816	20.00	ng	0.00
87) Perylene-d12	24.78	264	446949	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	462612	119.52	ng	0.00
7) Phenol-d6	7.14	99	591465	102.85	ng	0.00
23) Nitrobenzene-d5	9.13	82	469414	84.83	ng	0.00
42) 2,4,6-Tribromophenol	16.10	330	376268	135.33	ng	0.00
45) 2-Fluorobiphenyl	13.24	172	1074906	87.58	ng	0.00
79) Terphenyl-d14	19.98	244	1830193	95.70	ng	0.00
Target Compounds						Qvalue
20) 3+4-Methylphenols	8.74	107	16259	2.616	ng	98
32) Benzoic acid	10.08	122	18640	11.535	ng	95
50) Dimethylphthalate	14.06	163	85761	5.852	ng	98

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

Quantitation Report (QT Reviewed)

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Data File : BG045360.D
Acq On : 13 May 2020 13:36
Operator : CG/JU
Sample : L2571-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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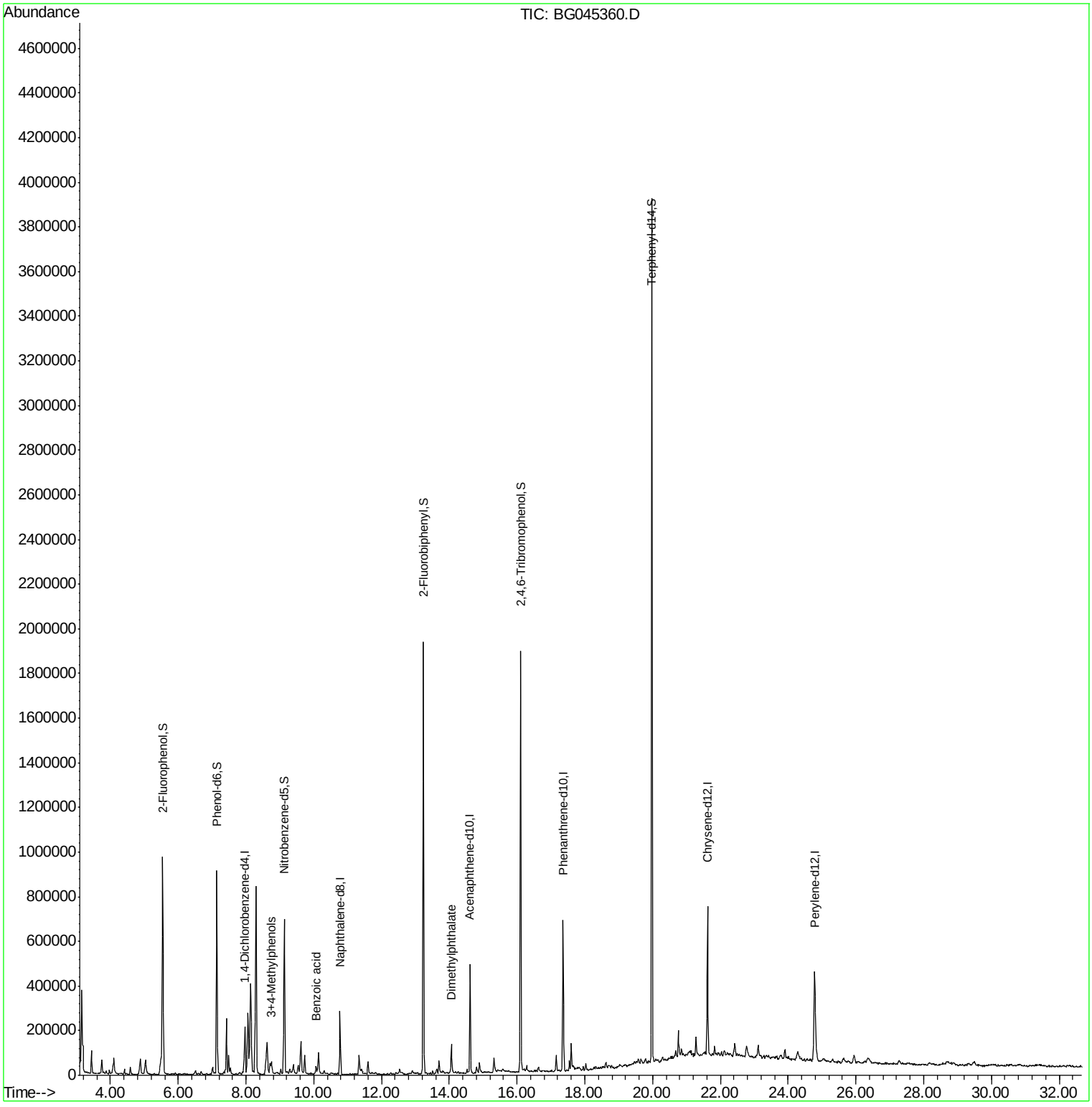
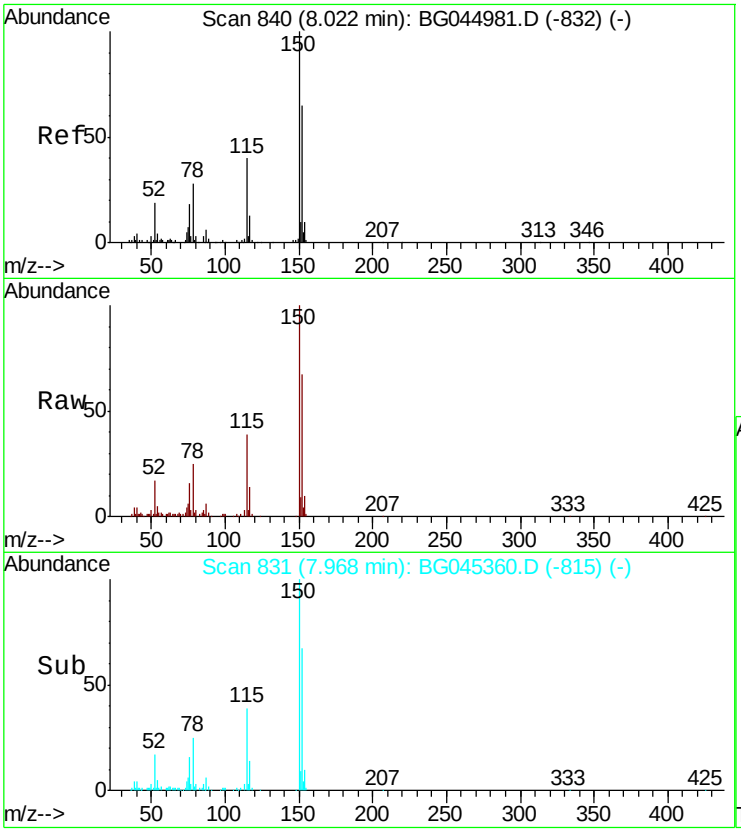


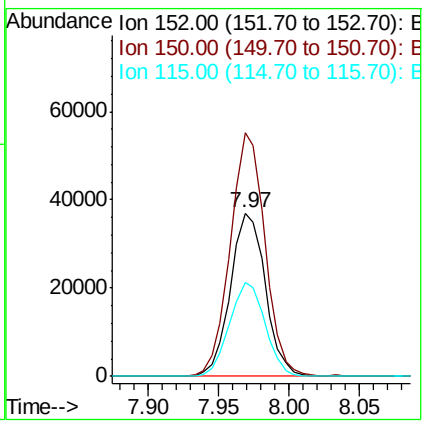


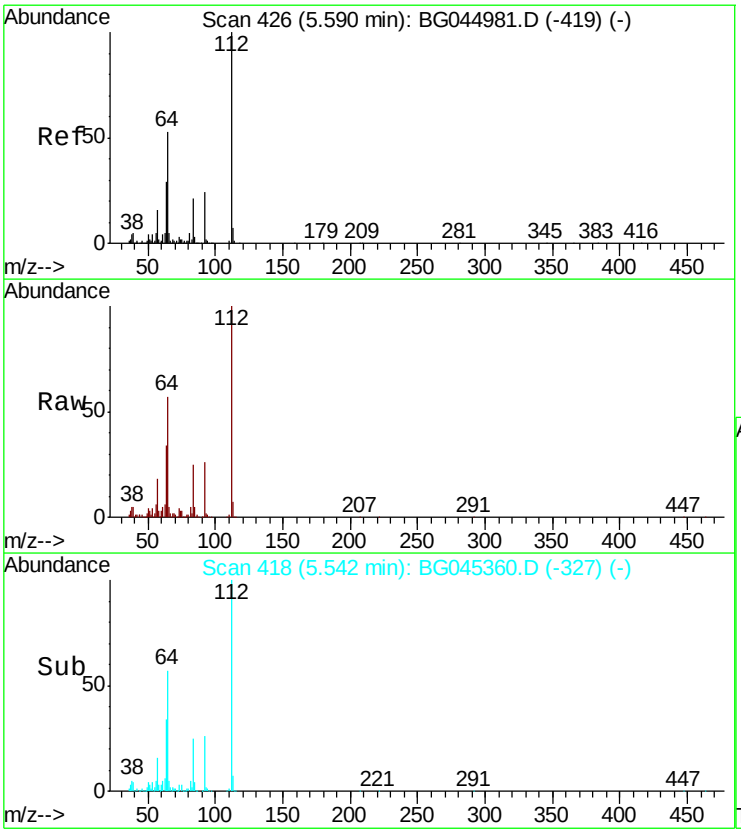
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.97 min Scan# 831
Delta R.T. -0.00 min
Lab File: BG045360.D
Acq: 13 May 2020 13:36

Instrument :
BNA_G
ClientSampleId :
CHASSIE-WASH

Tgt Ion:152 Resp: 63902

Ion	Ratio	Lower	Upper
152	100		
150	149.2	123.6	185.4
115	57.5	49.1	73.7

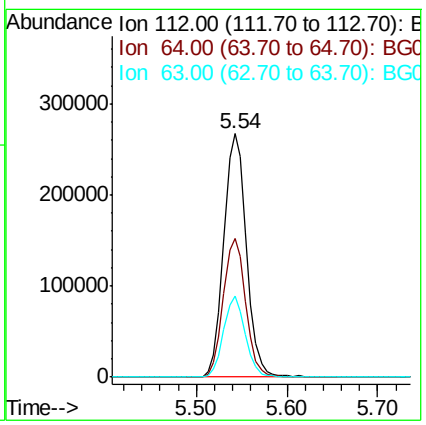


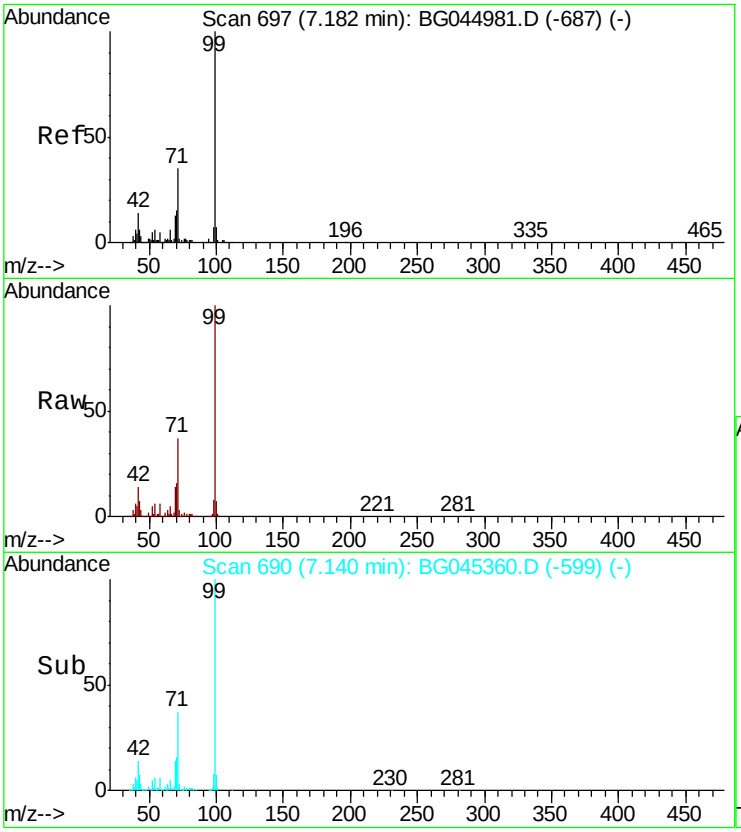


#5
2-Fluorophenol
Concen: 119.519 ng
RT: 5.54 min Scan# 418
Delta R.T. 0.00 min
Lab File: BG045360.D
Acq: 13 May 2020 13:36

Tgt Ion:112 Resp: 462612

Ion	Ratio	Lower	Upper
112	100		
64	57.1	42.4	63.6
63	33.6	23.1	34.7



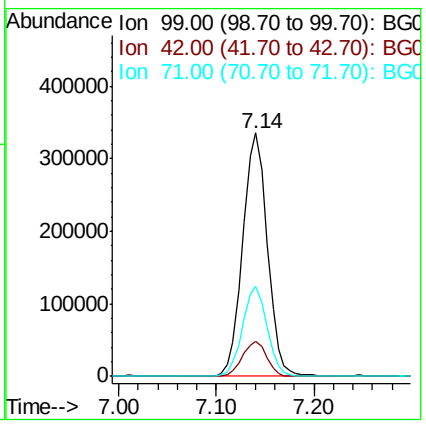


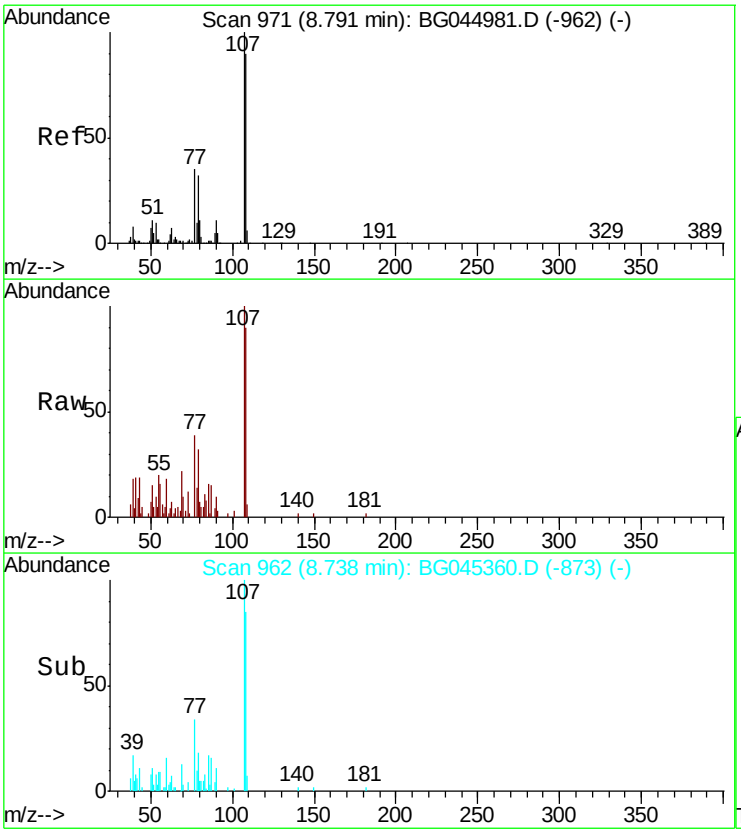
#7
Phenol-d6
Concen: 102.849 ng
RT: 7.14 min Scan# 690
Delta R.T. 0.00 min
Lab File: BG045360.D
Acq: 13 May 2020 13:36

Instrument :
BNA_G
ClientSampleId :
CHASSIE-WASH

Tgt Ion: 99 Resp: 591465

Ion	Ratio	Lower	Upper
99	100		
42	14.3	11.3	16.9
71	36.9	28.3	42.5

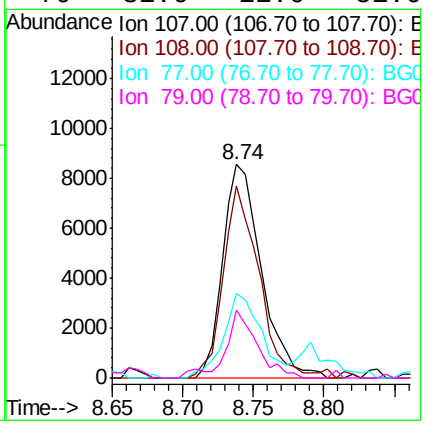


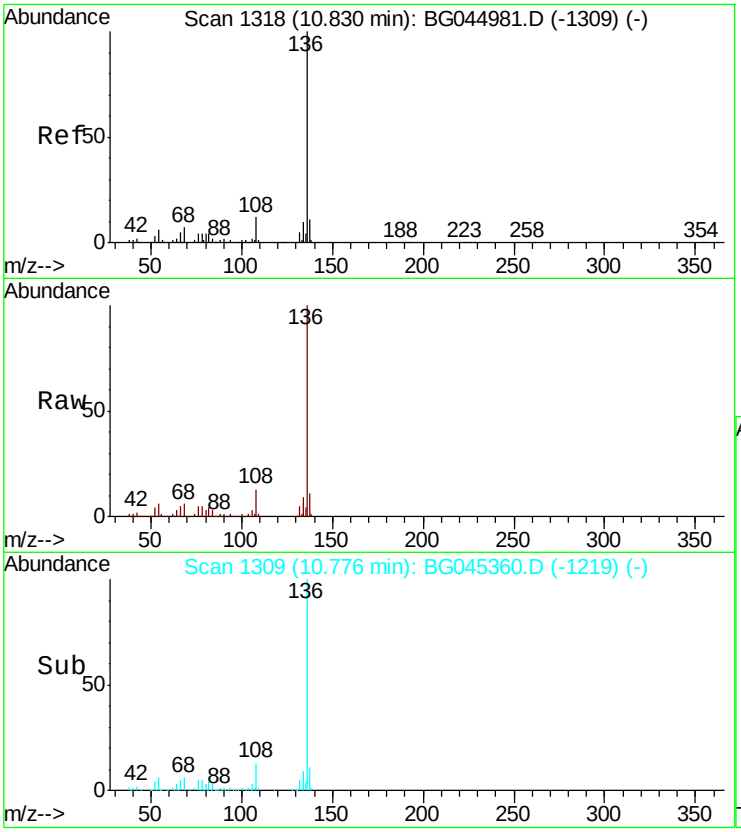


#20
3+4-Methylphenols
Concen: 2.616 ng
RT: 8.74 min Scan# 962
Delta R.T. -0.01 min
Lab File: BG045360.D
Acq: 13 May 2020 13:36

Tgt Ion:107 Resp: 16259

Ion	Ratio	Lower	Upper
107	100		
108	90.1	69.9	109.9
77	39.5	15.2	55.2
79	31.6	11.6	51.6



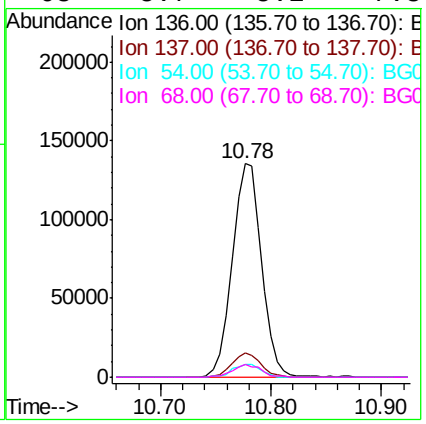


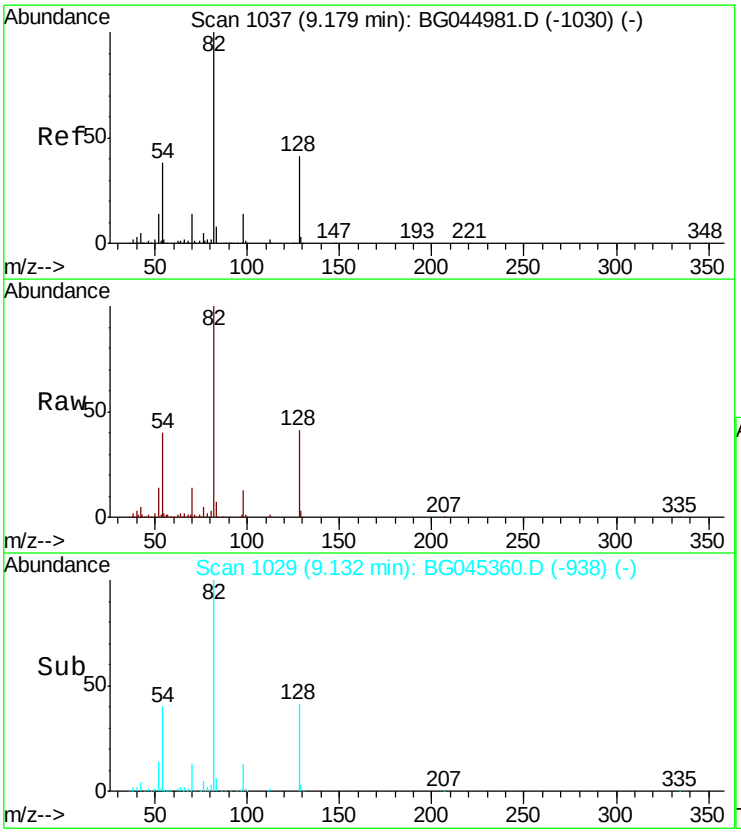
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.78 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BG045360.D
Acq: 13 May 2020 13:36

Instrument :
BNA_G
ClientSampleId :
CHASSIE-WASH

Tgt Ion:136 Resp: 252483

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.6	13.0
54	6.1	4.8	7.2
68	5.7	5.2	7.8

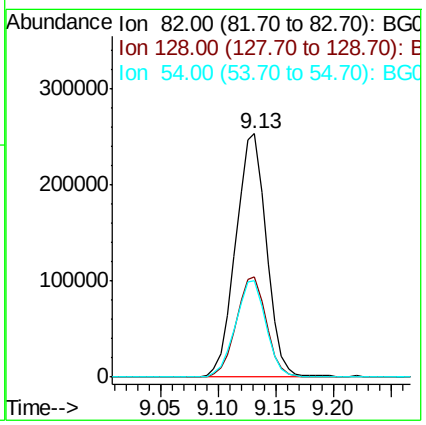


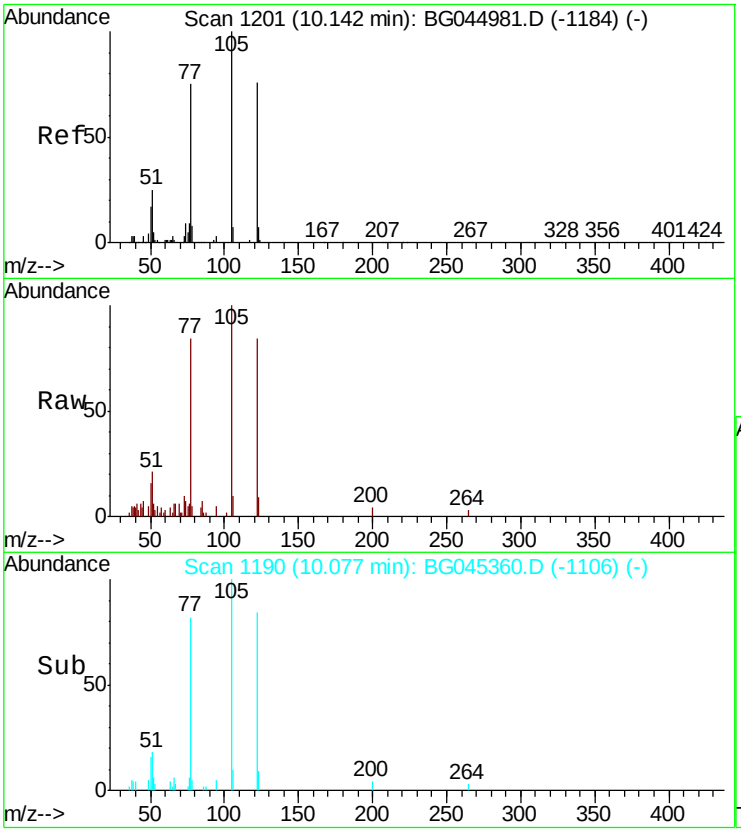


#23
Nitrobenzene-d5
Concen: 84.833 ng
RT: 9.13 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BG045360.D
Acq: 13 May 2020 13:36

Tgt Ion: 82 Resp: 469414

Ion	Ratio	Lower	Upper
82	100		
128	41.1	33.0	49.4
54	39.6	30.4	45.6



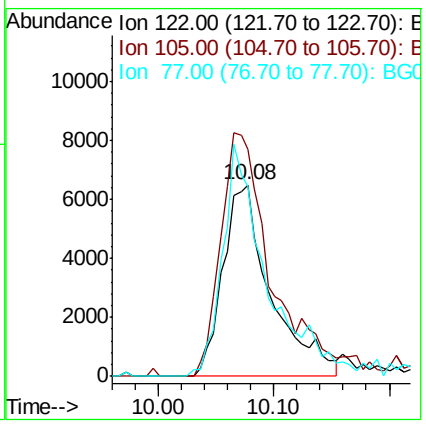


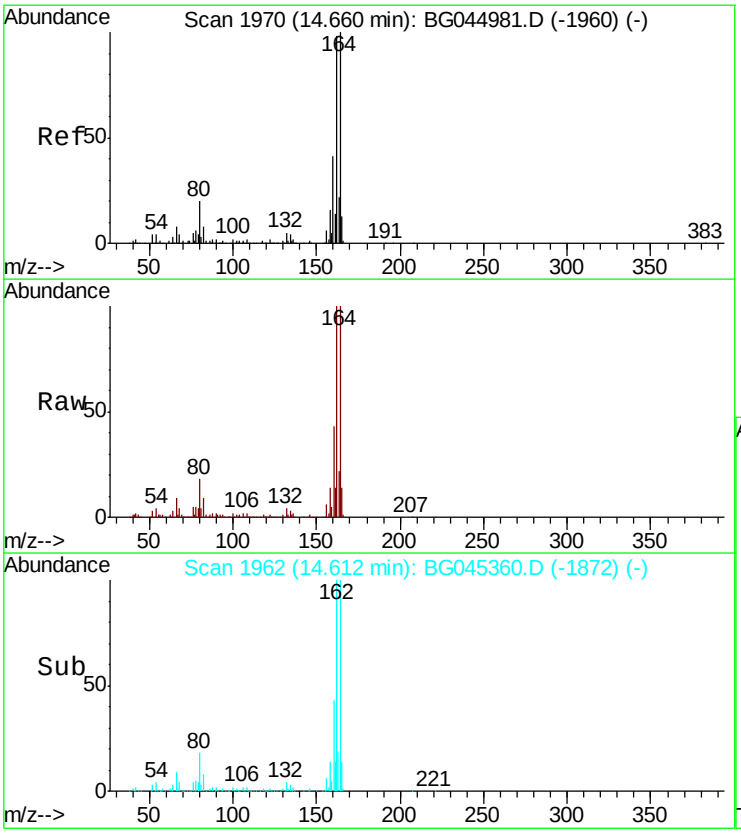
#32
Benzoic acid
Concen: 11.535 ng
RT: 10.08 min Scan# 1190
Delta R.T. -0.04 min
Lab File: BG045360.D
Acq: 13 May 2020 13:36

Instrument :
BNA_G
ClientSampleId :
CHASSIE-WASH

Tgt Ion:122 Resp: 18640

Ion	Ratio	Lower	Upper
122	100		
105	118.4	108.4	148.4
77	99.4	78.8	118.8

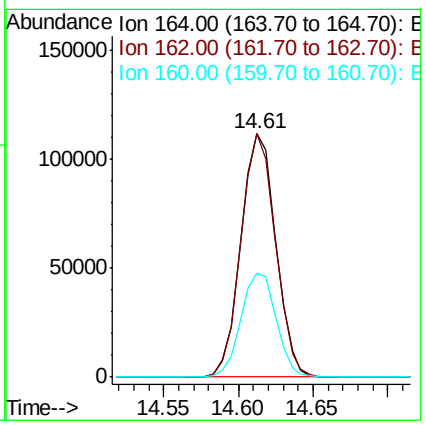


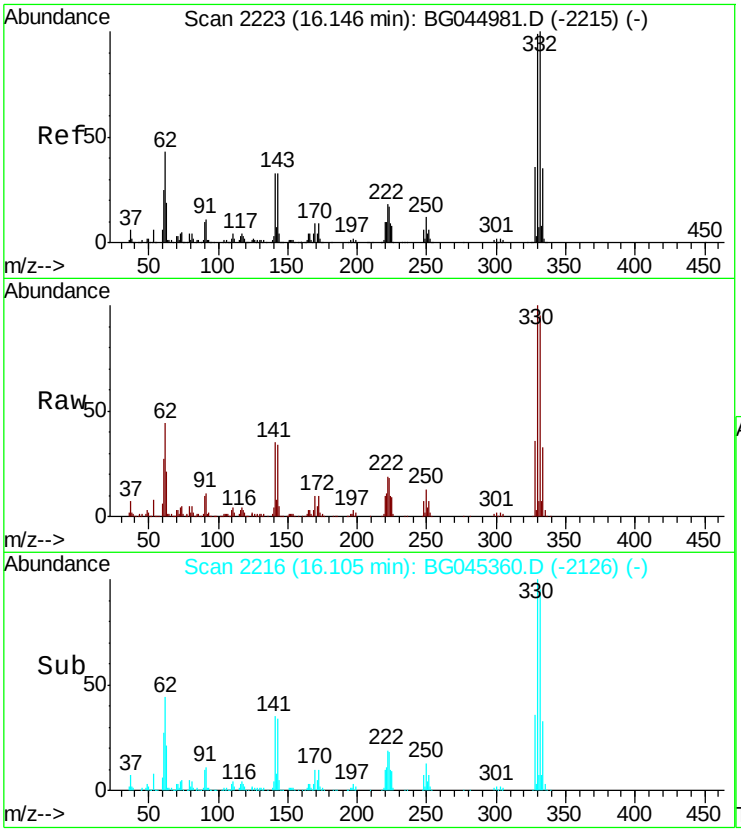


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.61 min Scan# 1962
Delta R.T. -0.00 min
Lab File: BG045360.D
Acq: 13 May 2020 13:36

Tgt Ion:164 Resp: 179973

Ion	Ratio	Lower	Upper
164	100		
162	100.1	78.7	118.1
160	42.7	32.8	49.2



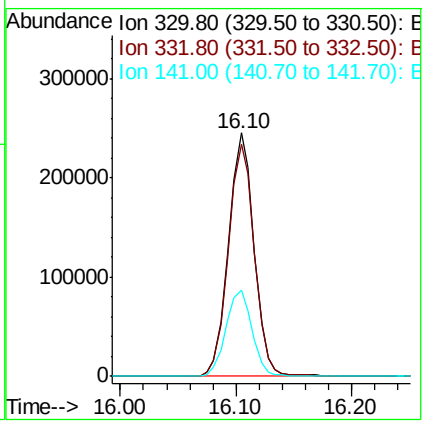


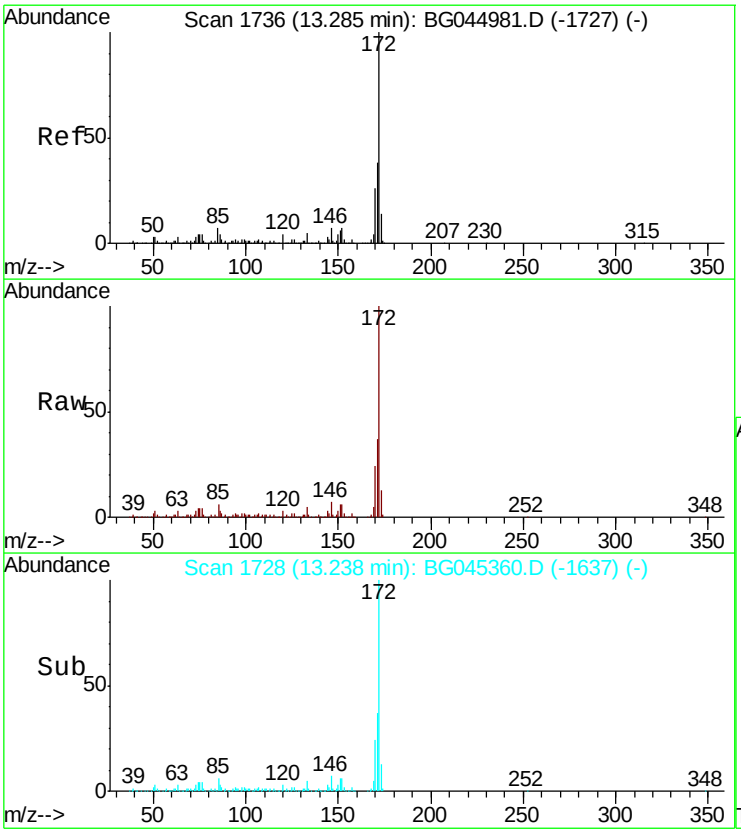
#42
2,4,6-Tribromophenol
Concen: 135.331 ng
RT: 16.10 min Scan# 2216
Delta R.T. -0.00 min
Lab File: BG045360.D
Acq: 13 May 2020 13:36

Instrument :
BNA_G
ClientSampleId :
CHASSIE-WASH

Tgt Ion:330 Resp: 376268

Ion	Ratio	Lower	Upper
330	100		
332	97.1	79.1	118.7
141	36.0	27.1	40.7

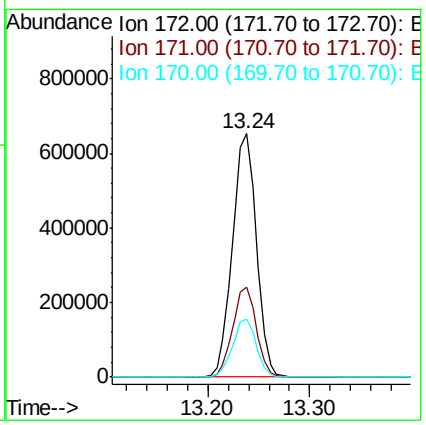


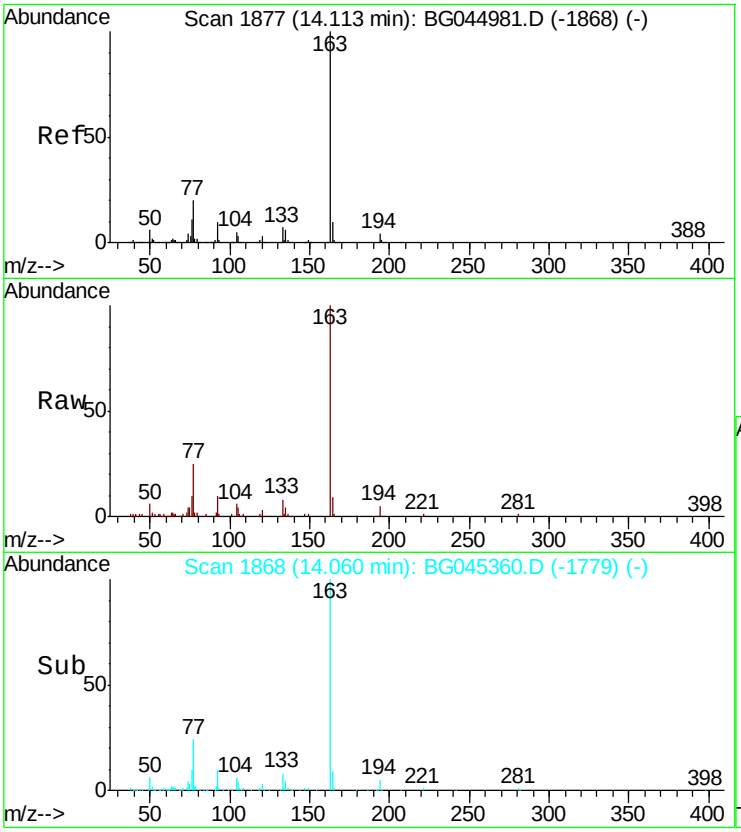


#45
2-Fluorobiphenyl
Concen: 87.577 ng
RT: 13.24 min Scan# 1728
Delta R.T. 0.00 min
Lab File: BG045360.D
Acq: 13 May 2020 13:36

Tgt Ion:172 Resp: 1074906

Ion	Ratio	Lower	Upper
172	100		
171	37.1	30.6	46.0
170	23.9	20.5	30.7



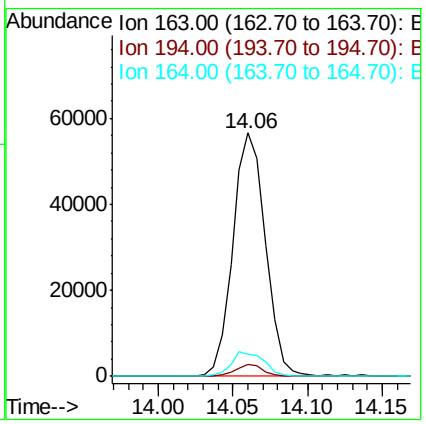


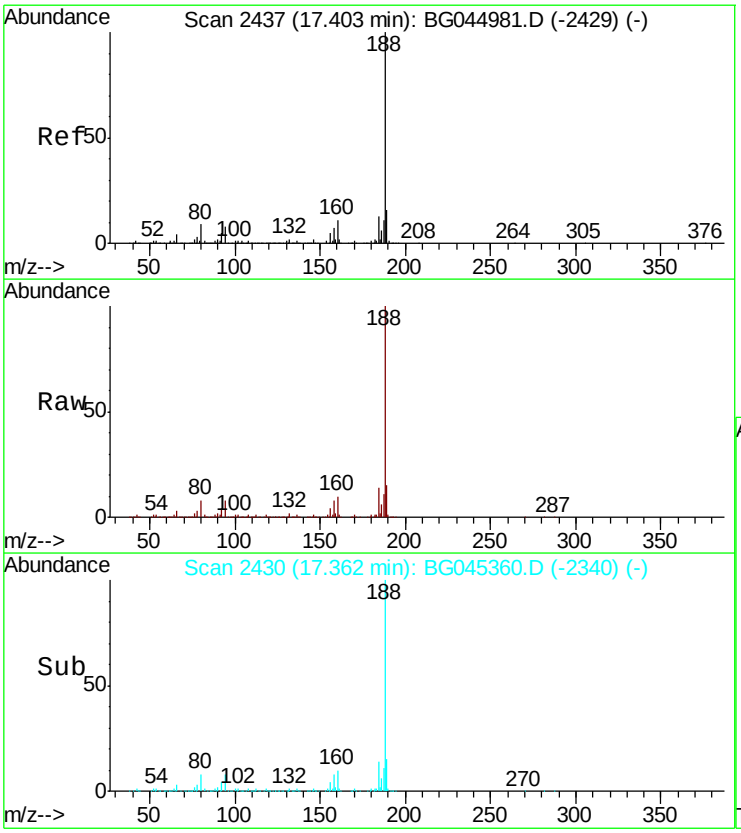
#50
Dimethylphthalate
Concen: 5.852 ng
RT: 14.06 min Scan# 1868
Delta R.T. -0.01 min
Lab File: BG045360.D
Acq: 13 May 2020 13:36

Instrument :
BNA_G
ClientSampleId :
CHASSIE-WASH

Tgt Ion:163 Resp: 85761

Ion	Ratio	Lower	Upper
163	100		
194	5.0	3.5	5.3
164	9.3	8.2	12.4

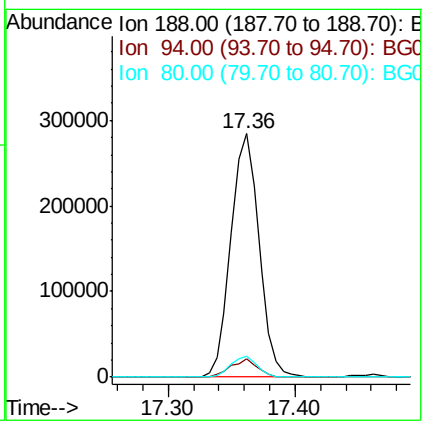


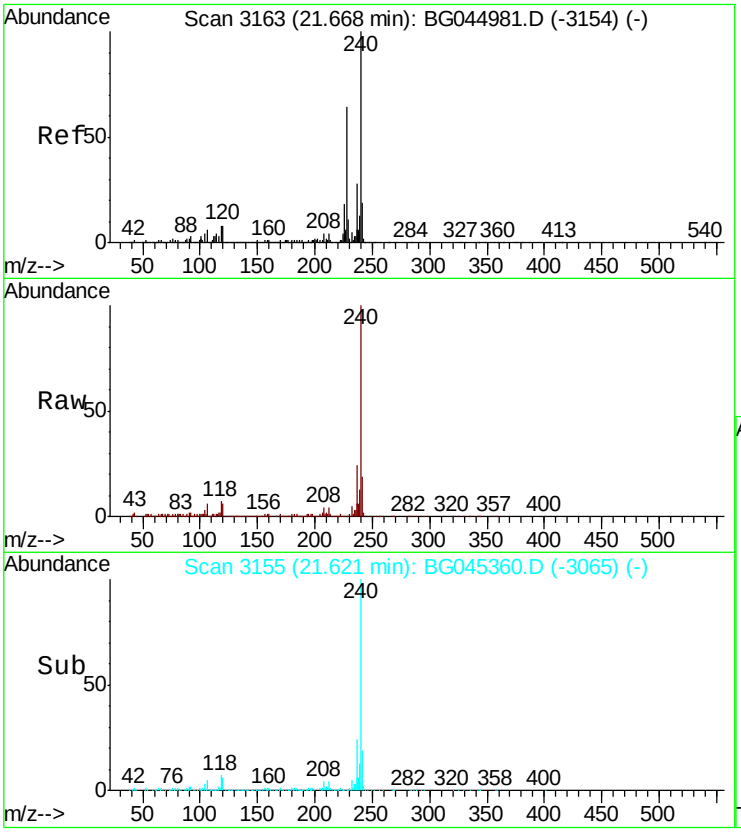


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.36 min Scan# 2430
Delta R.T. -0.00 min
Lab File: BG045360.D
Acq: 13 May 2020 13:36

Tgt Ion:188 Resp: 438621

Ion	Ratio	Lower	Upper
188	100		
94	7.5	6.2	9.4
80	8.4	7.0	10.6



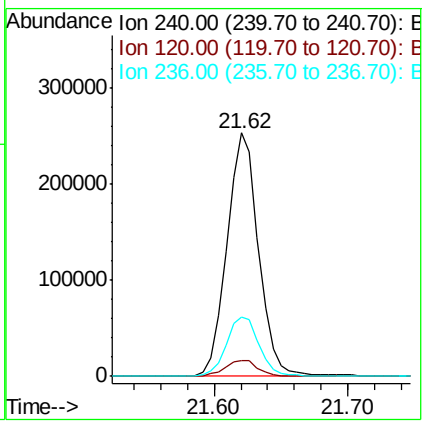


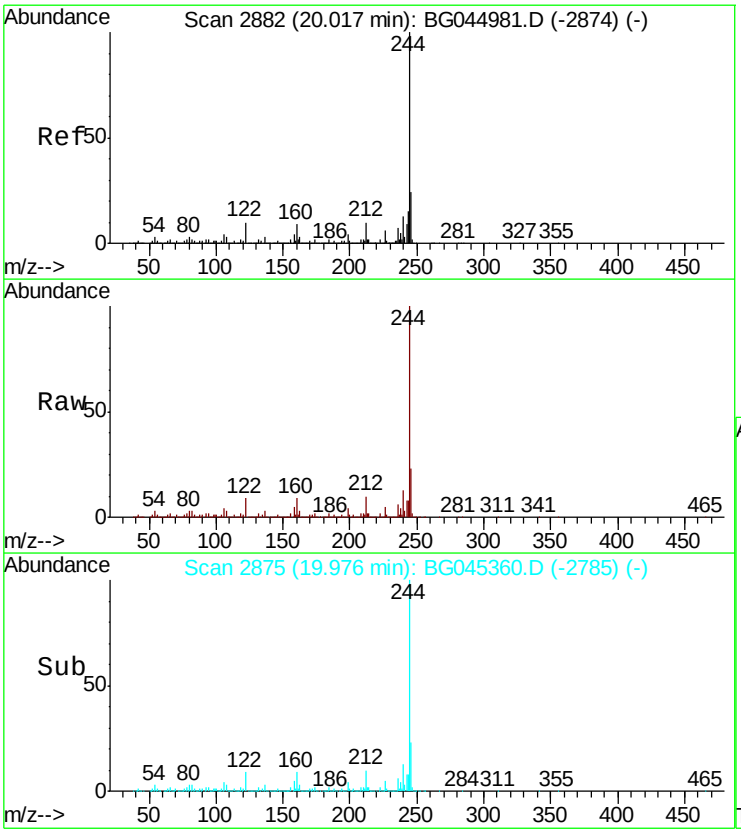
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.62 min Scan# 3155
Delta R.T. -0.00 min
Lab File: BG045360.D
Acq: 13 May 2020 13:36

Instrument :
BNA_G
ClientSampleId :
CHASSIE-WASH

Tgt Ion:240 Resp: 416816

Ion	Ratio	Lower	Upper
240	100		
120	6.3	6.6	10.0#
236	24.3	22.2	33.2

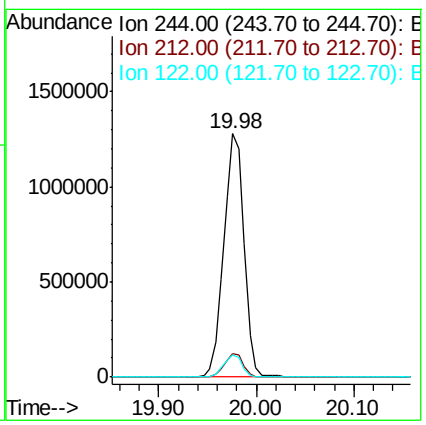


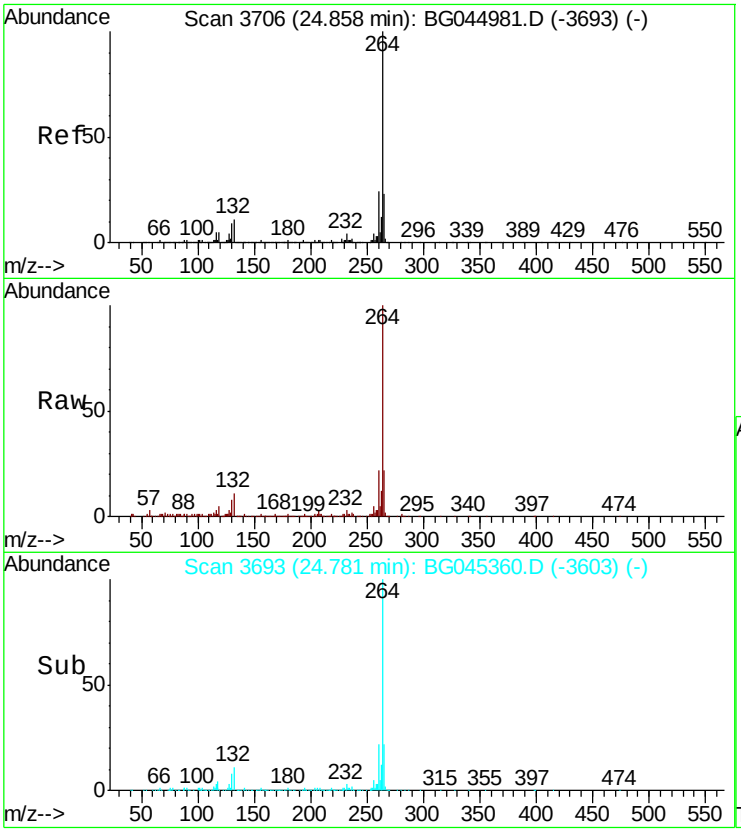


#79
Terphenyl-d14
Concen: 95.702 ng
RT: 19.98 min Scan# 2875
Delta R.T. -0.00 min
Lab File: BG045360.D
Acq: 13 May 2020 13:36

Tgt Ion:244 Resp: 1830193

Ion	Ratio	Lower	Upper
244	100		
212	9.7	7.9	11.9
122	9.3	7.7	11.5





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.78 min Scan# 3693
Delta R.T. -0.00 min
Lab File: BG045360.D
Acq: 13 May 2020 13:36

Instrument :
BNA_G
ClientSampleId :
CHASSIE-WASH

Tgt Ion:264 Resp: 446949

Ion	Ratio	Lower	Upper
264	100		
260	22.1	19.2	28.8
265	21.8	19.0	28.4