Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050720\
Data File : BG045281.D
Acq On : 7 May 2020 22:39
Operator : CG/JU
Sample : L2525-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DRUM-1-3

Quant Time: May 08 04:08:00 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 07 12:51:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	60239	20.00	ng	0.00
21) Naphthalene-d8	10.79	136	222804	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	162645	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	380986	20.00	ng	0.00
76) Chrysene-d12	21.63	240	369017	20.00	ng	0.00
87) Perylene-d12	24.81	264	400752	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	400289	109.71	ng	0.00
7) Phenol-d6	7.15	99	492539	90.86	ng	0.00
23) Nitrobenzene-d5	9.14	82	458713	93.94	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	368827	146.79	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	1071387	96.59	ng	0.00
79) Terphenyl-d14	19.99	244	1899265	112.18	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	14.07	163	125811	9.500	ng	99
77) Benzidine	19.60	184	351759	31.067	ng	97

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

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Acq On : 7 May 2020 22:39
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Misc :
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Instrument :
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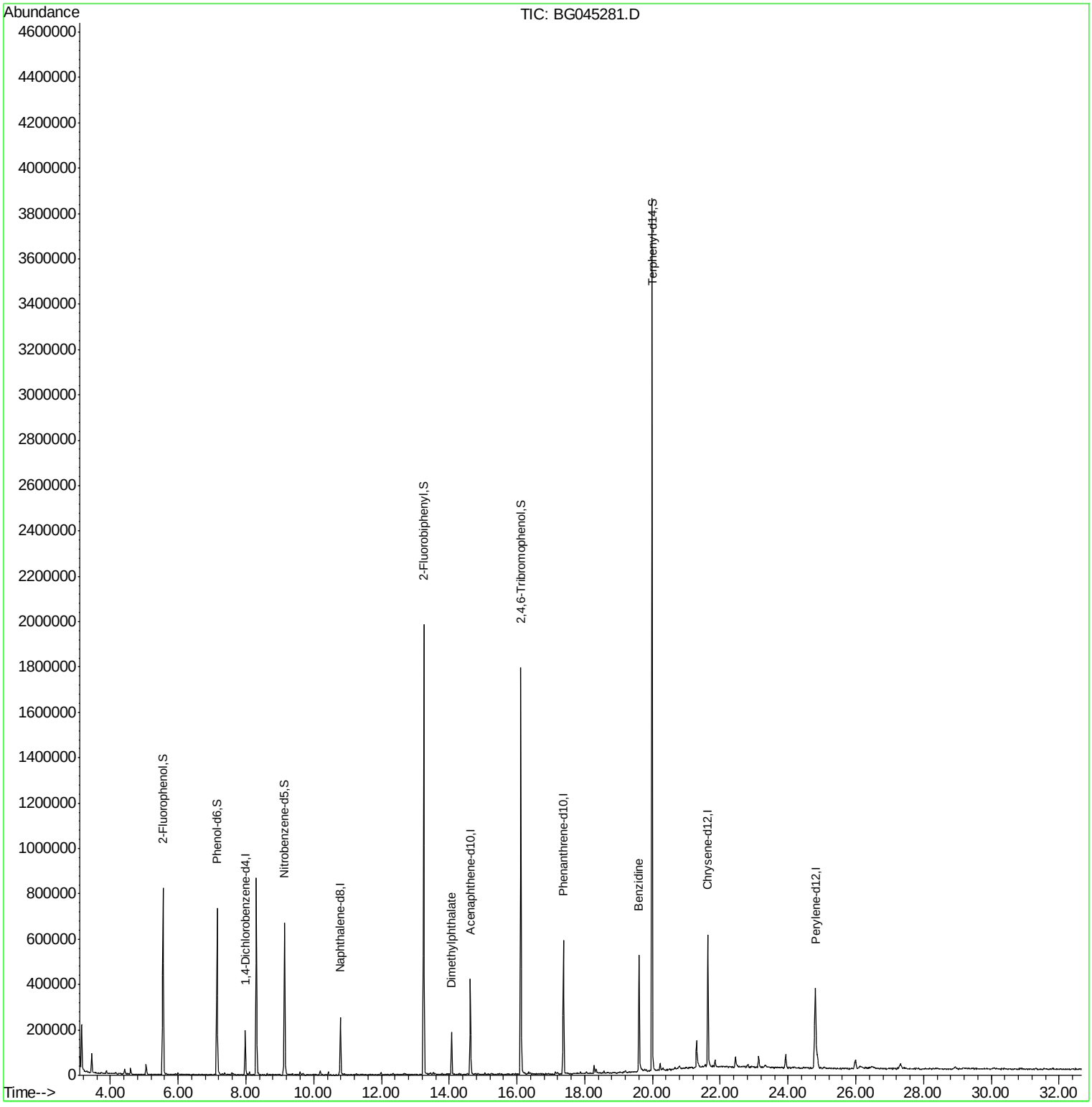
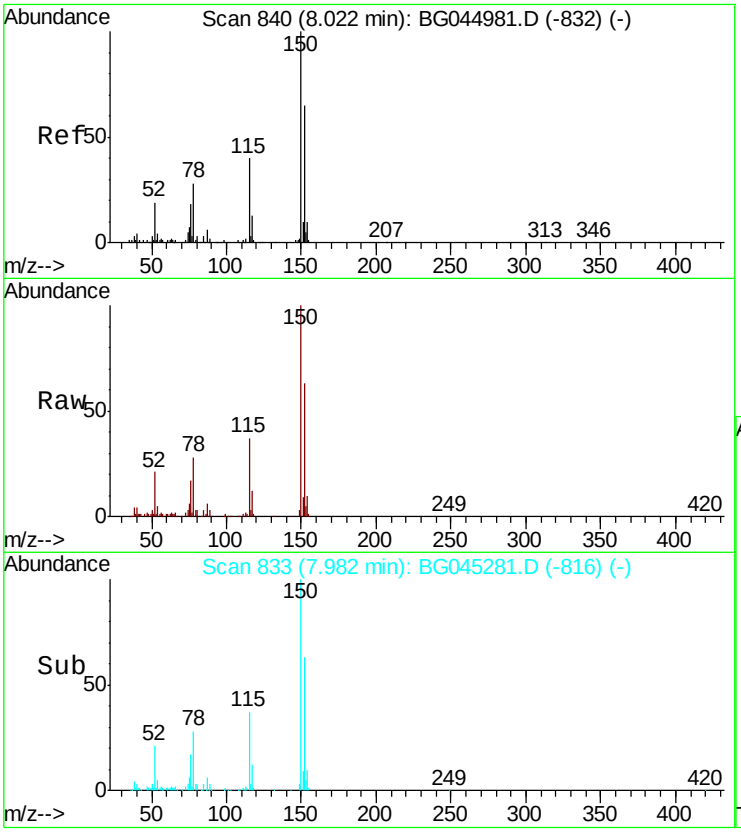
Quant Time: May 08 04:08:00 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 07 12:51:10 2020
Response via : Initial Calibration



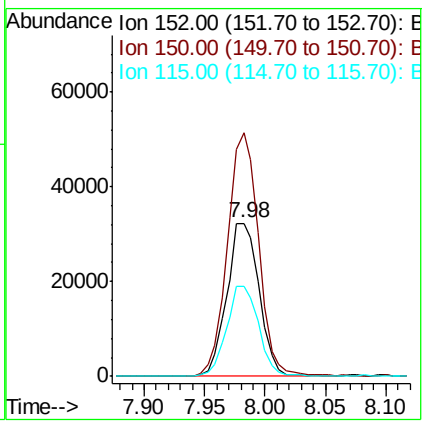


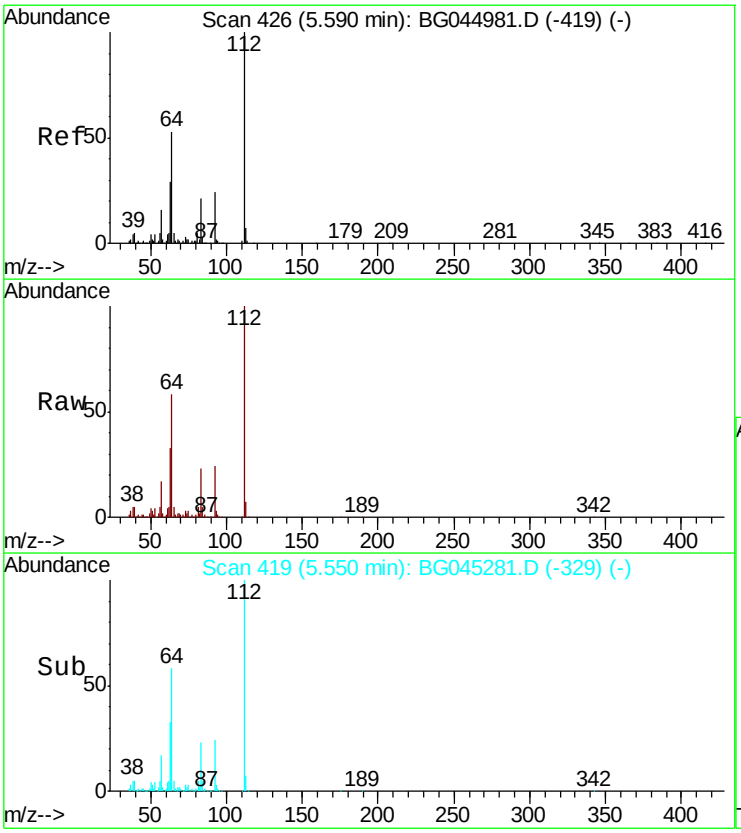
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.98 min Scan# 833
Delta R.T. -0.00 min
Lab File: BG045281.D
Acq: 7 May 2020 22:39

Instrument :
BNA_G
ClientSampleId :
DRUM-1-3

Tgt Ion:152 Resp: 60239

Ion	Ratio	Lower	Upper
152	100		
150	158.8	123.6	185.4
115	58.6	49.1	73.7

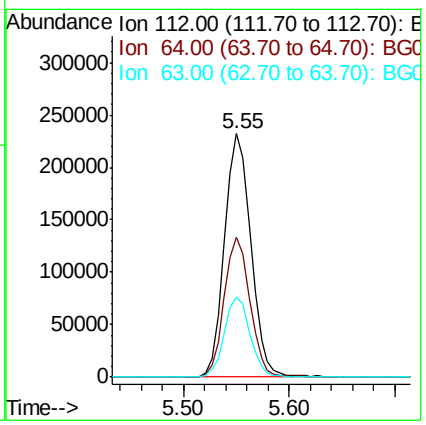


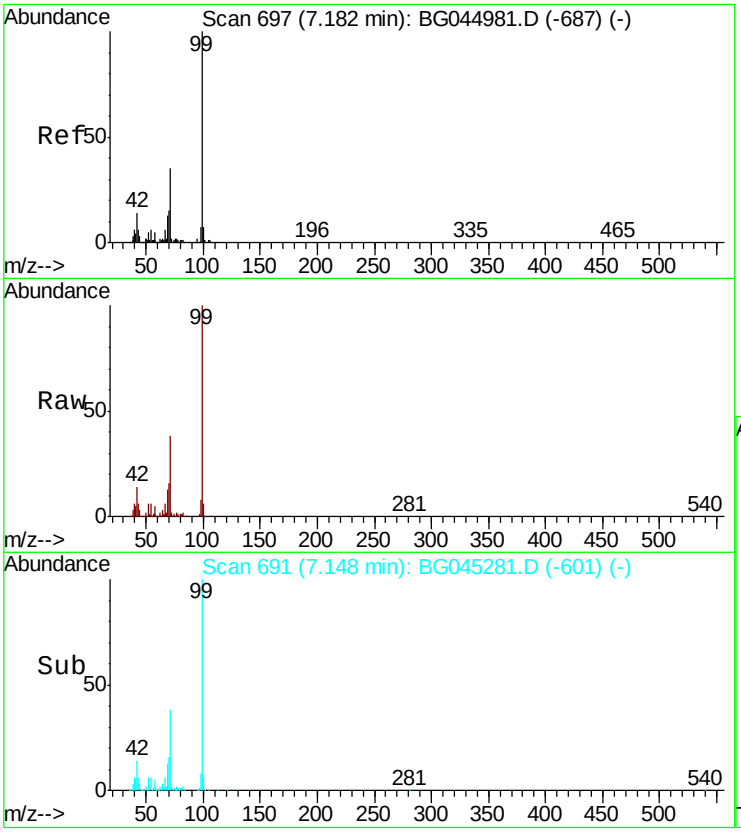


#5
2-Fluorophenol
Concen: 109.706 ng
RT: 5.55 min Scan# 419
Delta R.T. -0.00 min
Lab File: BG045281.D
Acq: 7 May 2020 22:39

Tgt Ion:112 Resp: 400289

Ion	Ratio	Lower	Upper
112	100		
64	57.6	42.4	63.6
63	33.0	23.1	34.7



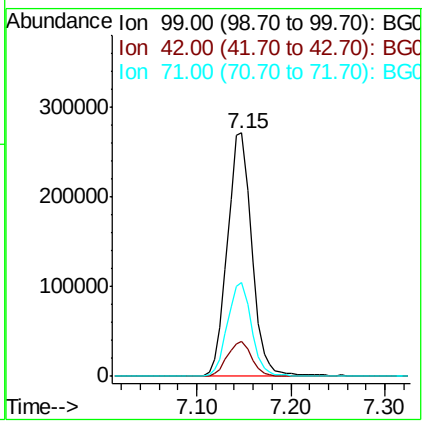


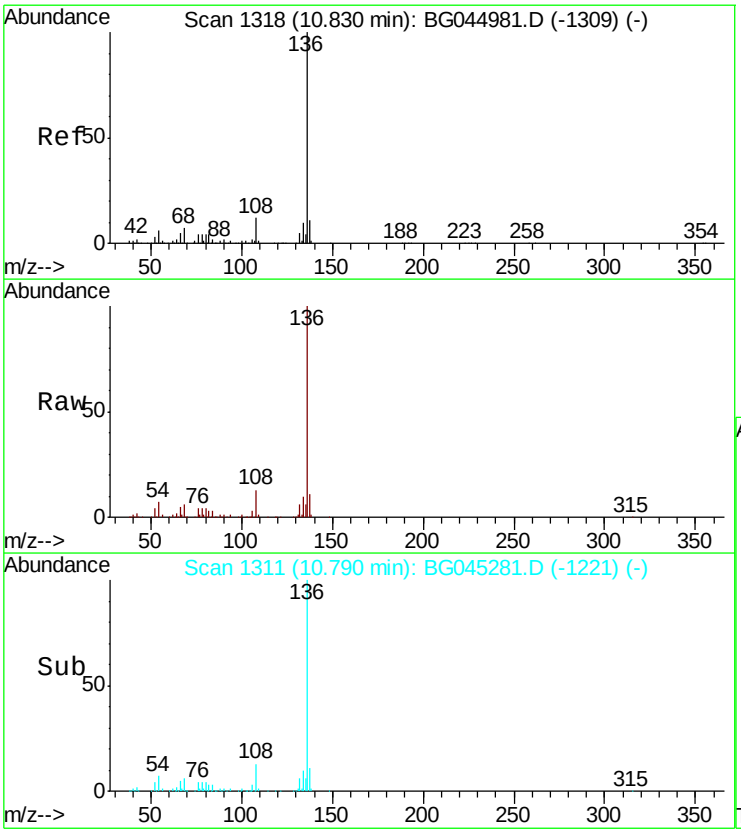
#7
Phenol-d6
Concen: 90.855 ng
RT: 7.15 min Scan# 691
Delta R.T. -0.00 min
Lab File: BG045281.D
Acq: 7 May 2020 22:39

Instrument :
BNA_G
ClientSampleId :
DRUM-1-3

Tgt Ion: 99 Resp: 492539

Ion	Ratio	Lower	Upper
99	100		
42	14.4	11.3	16.9
71	38.3	28.3	42.5

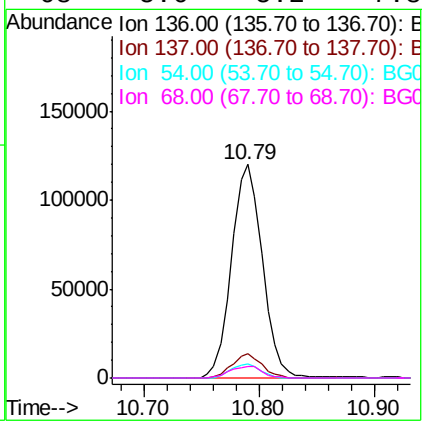


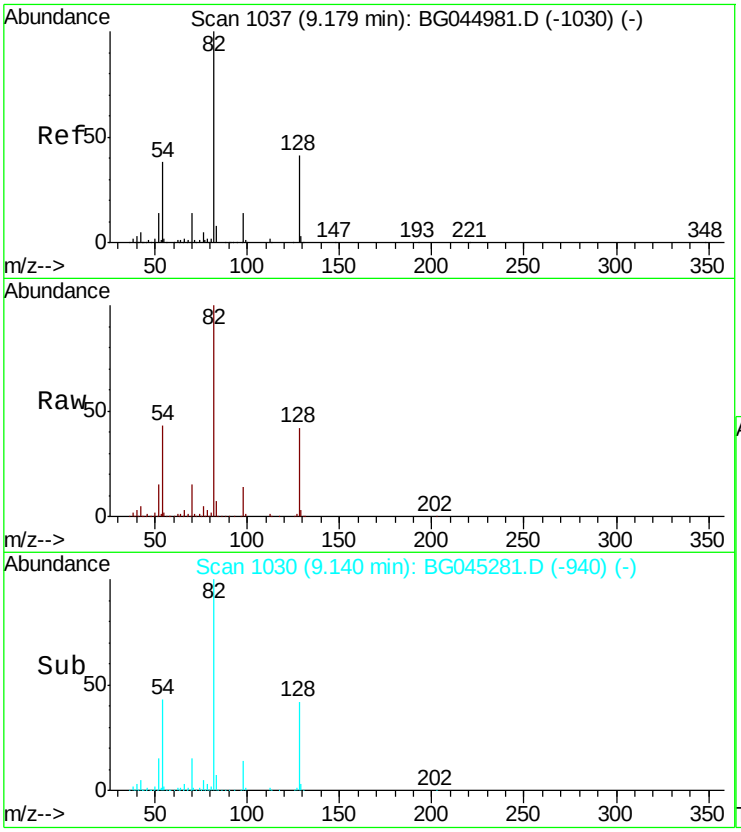


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.79 min Scan# 1311
Delta R.T. -0.00 min
Lab File: BG045281.D
Acq: 7 May 2020 22:39

Tgt Ion:136 Resp: 222804

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.6	13.0
54	6.5	4.8	7.2
68	5.6	5.2	7.8



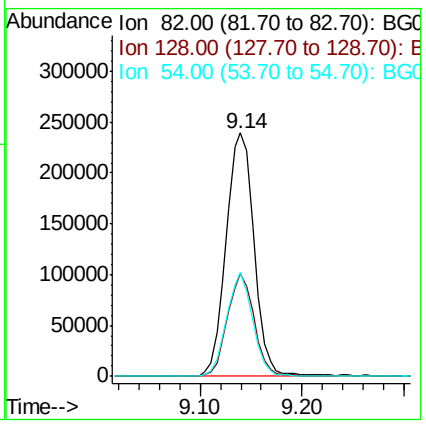


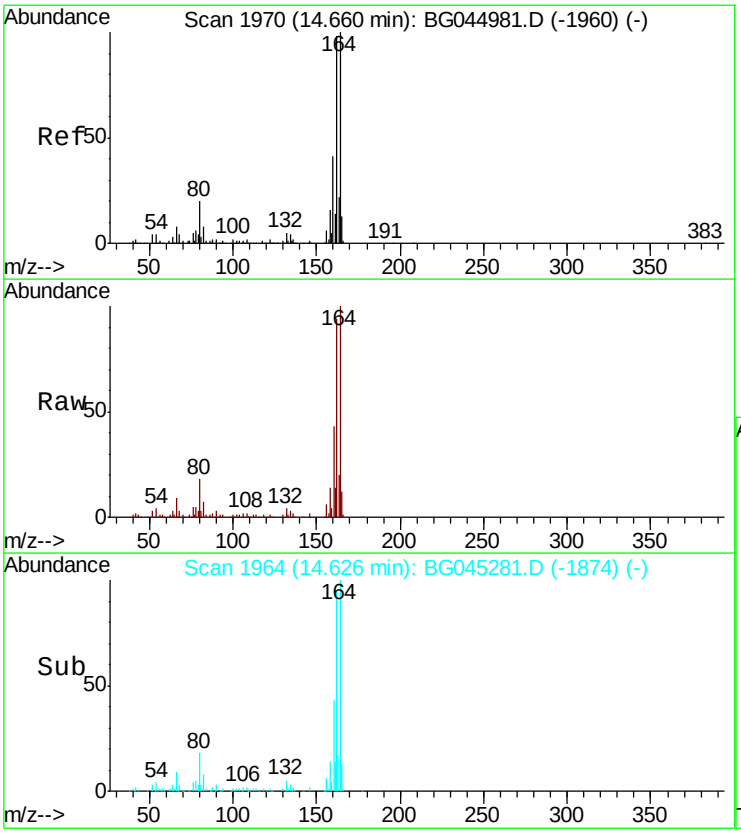
#23
Nitrobenzene-d5
Concen: 93.941 ng
RT: 9.14 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BG045281.D
Acq: 7 May 2020 22:39

Instrument :
BNA_G
ClientSampleId :
DRUM-1-3

Tgt Ion: 82 Resp: 458713

Ion	Ratio	Lower	Upper
82	100		
128	42.3	33.0	49.4
54	43.0	30.4	45.6

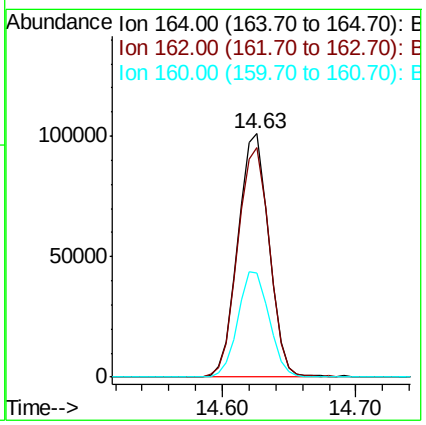


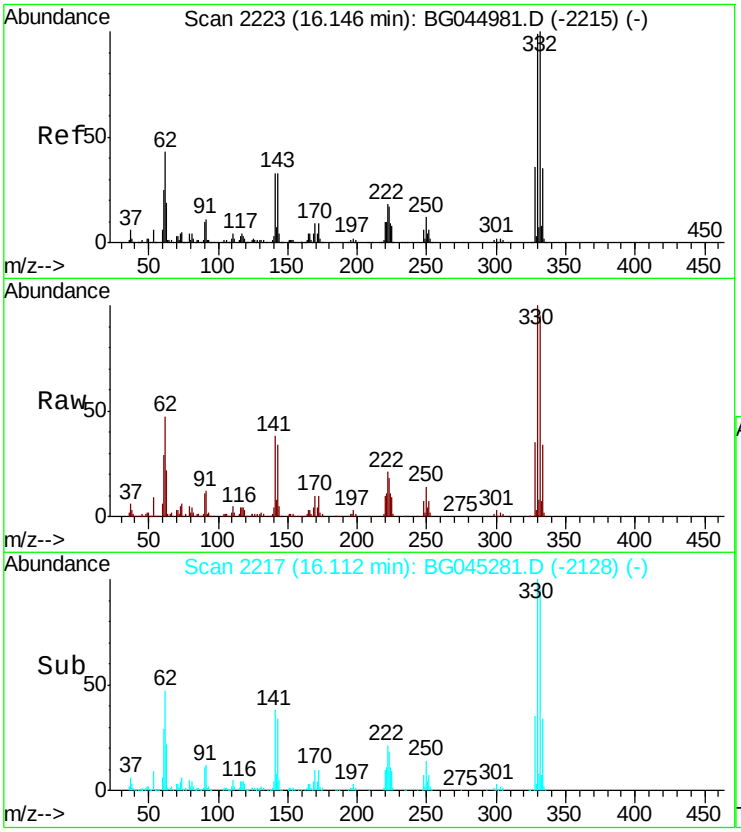


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1964
Delta R.T. -0.00 min
Lab File: BG045281.D
Acq: 7 May 2020 22:39

Tgt Ion:164 Resp: 162645

Ion	Ratio	Lower	Upper
164	100		
162	94.3	78.7	118.1
160	42.8	32.8	49.2



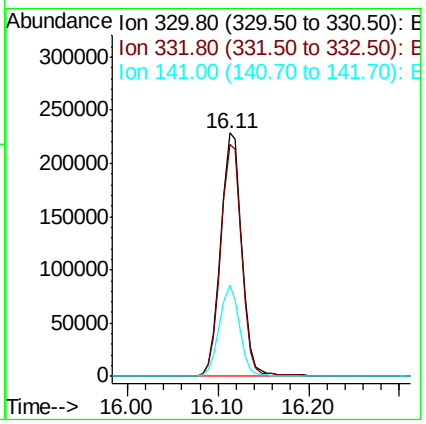


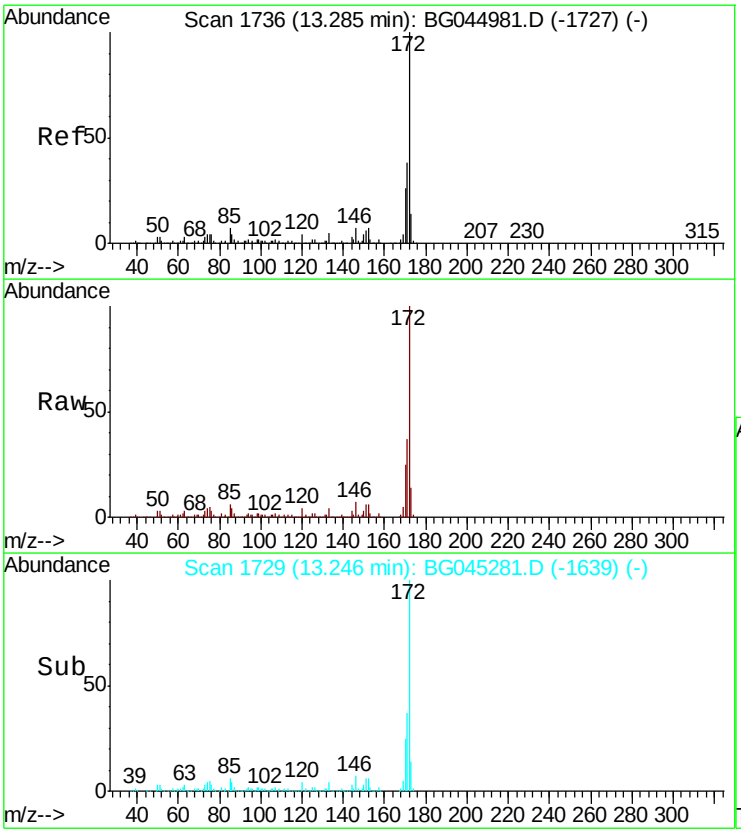
#42
2,4,6-Tribromophenol
Concen: 146.788 ng
RT: 16.11 min Scan# 2217
Delta R.T. -0.01 min
Lab File: BG045281.D
Acq: 7 May 2020 22:39

Instrument :
BNA_G
ClientSampleId :
DRUM-1-3

Tgt Ion:330 Resp: 368827

Ion	Ratio	Lower	Upper
330	100		
332	95.5	79.1	118.7
141	36.0	27.1	40.7

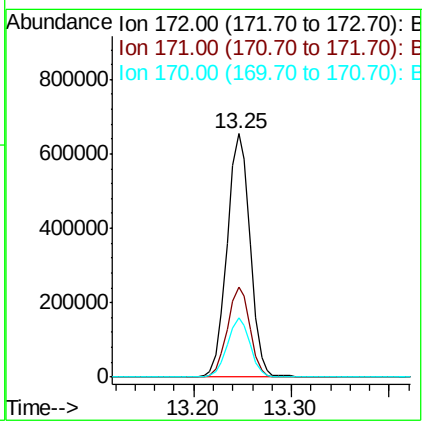


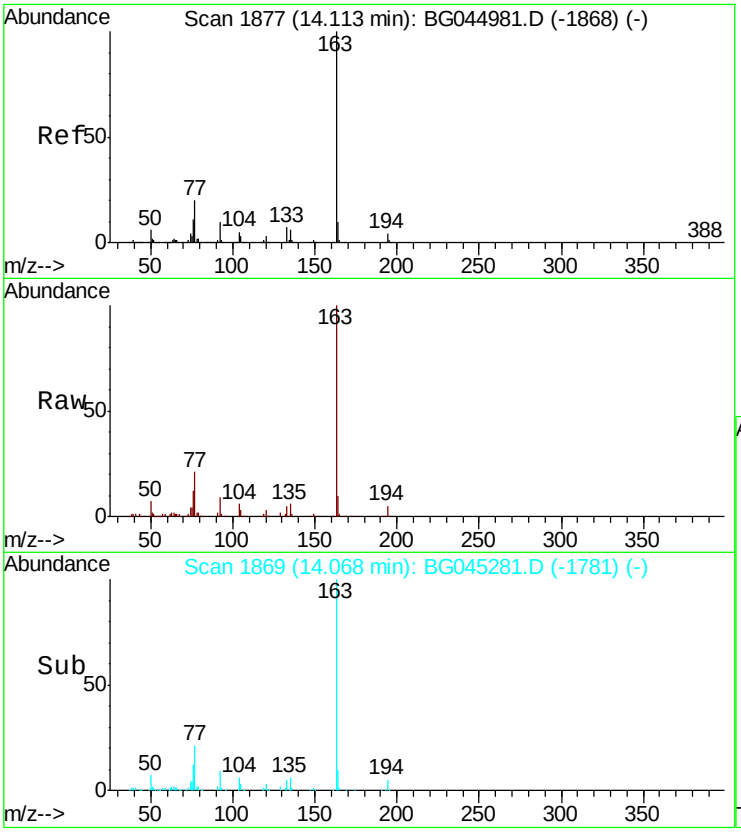


#45
2-Fluorobiphenyl
Concen: 96.590 ng
RT: 13.25 min Scan# 1729
Delta R.T. -0.00 min
Lab File: BG045281.D
Acq: 7 May 2020 22:39

Tgt Ion:172 Resp: 1071387

Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.6	46.0
170	24.6	20.5	30.7



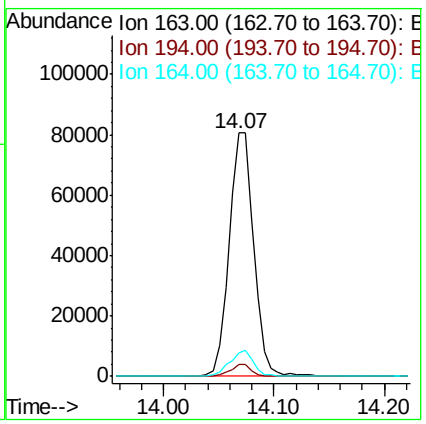


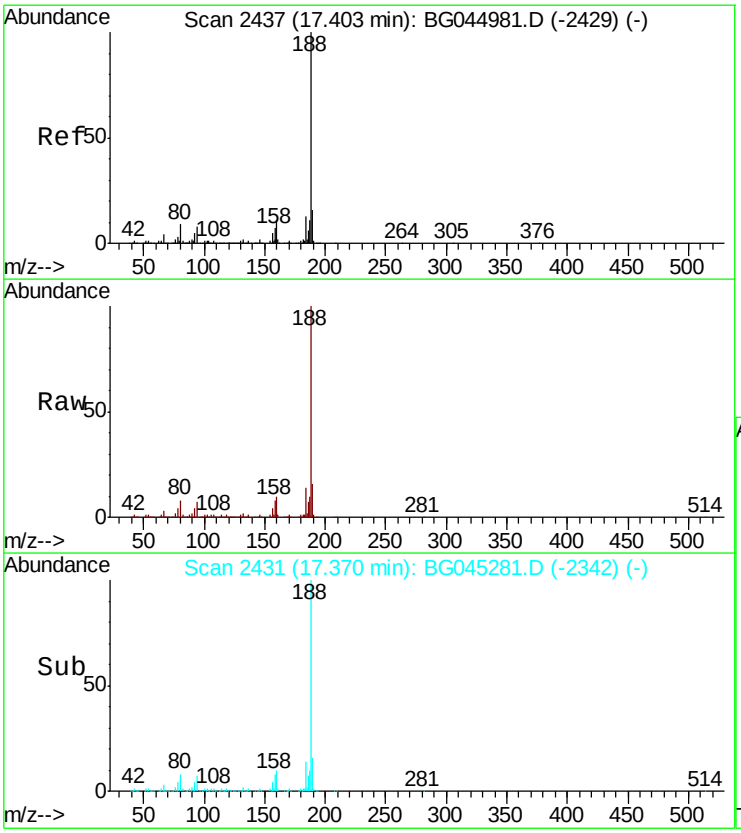
#50
Dimethylphthalate
Concen: 9.500 ng
RT: 14.07 min Scan# 1869
Delta R.T. -0.01 min
Lab File: BG045281.D
Acq: 7 May 2020 22:39

Instrument :
BNA_G
ClientSampleId :
DRUM-1-3

Tgt Ion:163 Resp: 125811

Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.5	5.3
164	9.7	8.2	12.4

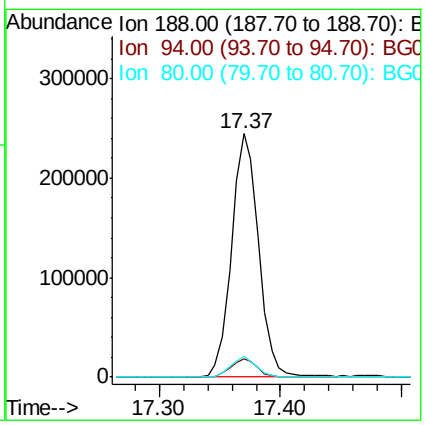


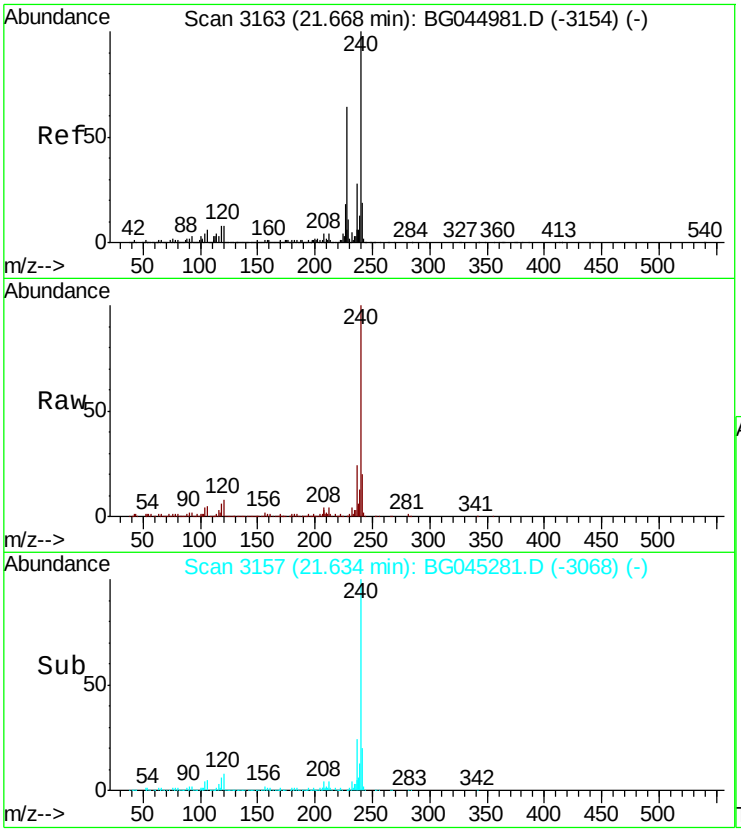


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.37 min Scan# 2431
Delta R.T. -0.01 min
Lab File: BG045281.D
Acq: 7 May 2020 22:39

Tgt Ion:188 Resp: 380986

Ion	Ratio	Lower	Upper
188	100		
94	7.4	6.2	9.4
80	8.5	7.0	10.6



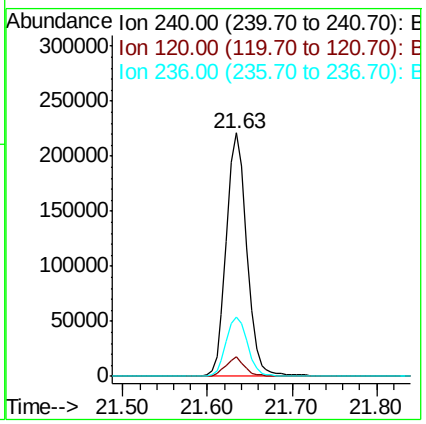


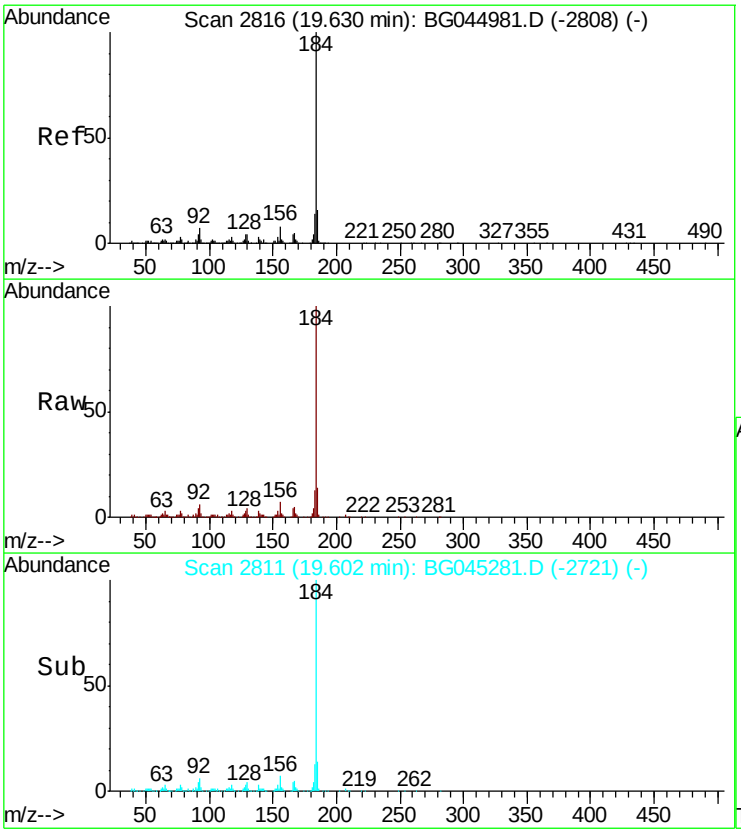
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.63 min Scan# 3157
Delta R.T. -0.01 min
Lab File: BG045281.D
Acq: 7 May 2020 22:39

Instrument :
BNA_G
ClientSampleId :
DRUM-1-3

Tgt Ion:240 Resp: 369017

Ion	Ratio	Lower	Upper
240	100		
120	8.3	6.6	10.0
236	24.4	22.2	33.2

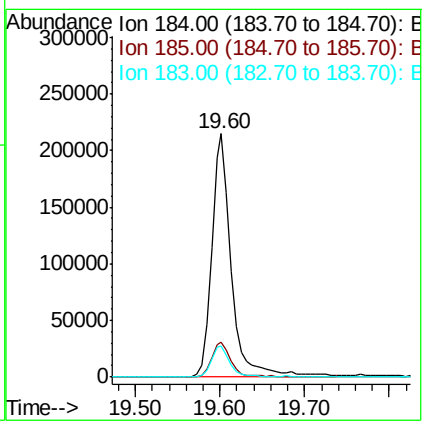


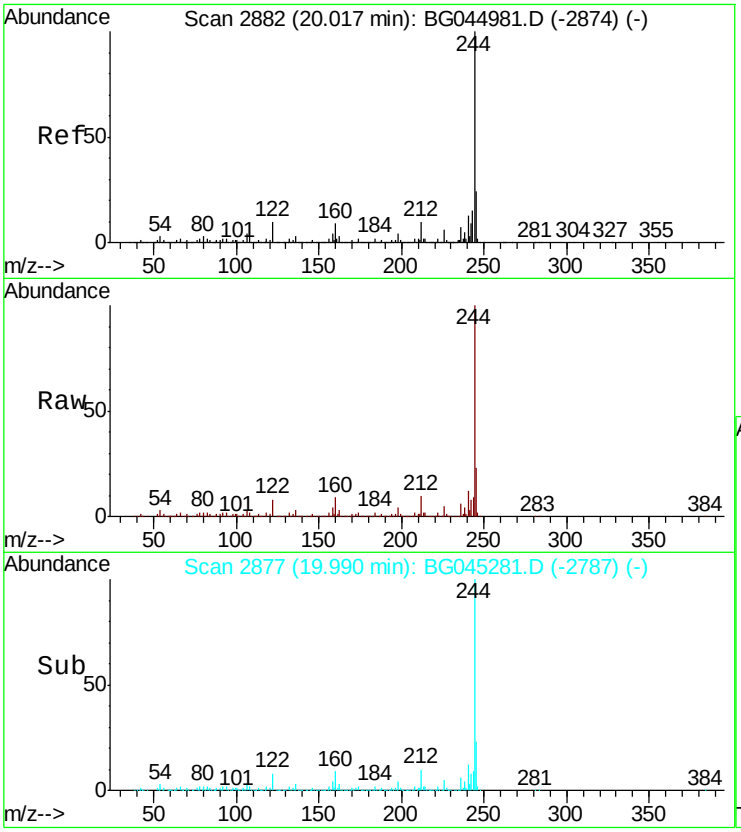


#77
Benzidine
Concen: 31.067 ng
RT: 19.60 min Scan# 2811
Delta R.T. -0.00 min
Lab File: BG045281.D
Acq: 7 May 2020 22:39

Tgt Ion:184 Resp: 351759

Ion	Ratio	Lower	Upper
184	100		
185	14.3	12.6	19.0
183	12.8	11.3	16.9



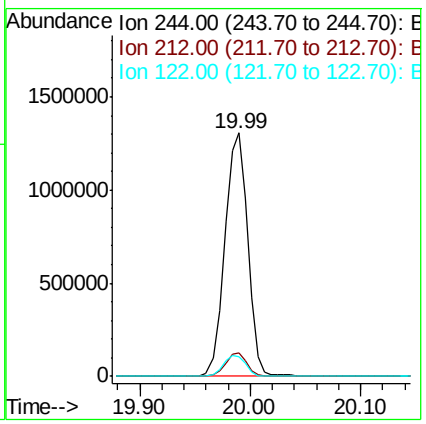


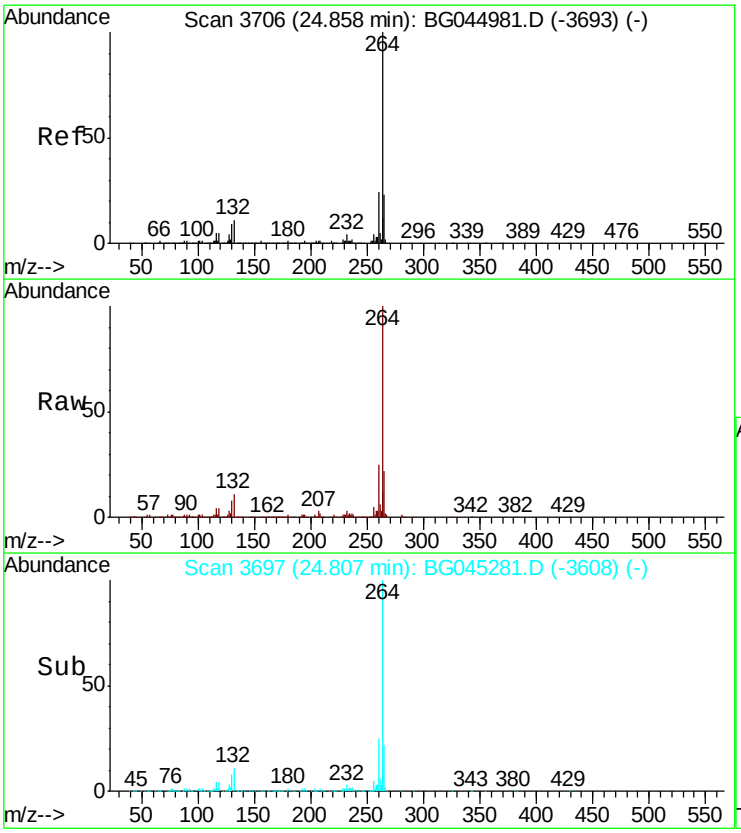
#79
Terphenyl-d14
Concen: 112.178 ng
RT: 19.99 min Scan# 2877
Delta R.T. -0.00 min
Lab File: BG045281.D
Acq: 7 May 2020 22:39

Instrument :
BNA_G
ClientSampleId :
DRUM-1-3

Tgt Ion:244 Resp: 1899265

Ion	Ratio	Lower	Upper
244	100		
212	9.6	7.9	11.9
122	8.3	7.7	11.5





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.81 min Scan# 3697
Delta R.T. -0.01 min
Lab File: BG045281.D
Acq: 7 May 2020 22:39

Tgt Ion:264 Resp: 400752

Ion	Ratio	Lower	Upper
264	100		
260	25.5	19.2	28.8
265	22.4	19.0	28.4