Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100719\
Data File : BG043074.D
Acq On : 7 Oct 2019 19:10
Operator : JU
Sample : K5154-22
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-102I

Quant Time: Oct 08 02:40:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 25 15:35:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	46749	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	180073	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	145906	20.00	ng	-0.02
64) Phenanthrene-d10	17.42	188	381491	20.00	ng	-0.02
76) Chrysene-d12	21.69	240	415151	20.00	ng	-0.03
87) Perylene-d12	24.91	264	479479	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	222739	85.03	ng	-0.02
7) Phenol-d6	7.23	99	207769	55.08	ng	-0.02
23) Nitrobenzene-d5	9.22	82	316329	85.38	ng	-0.02
42) 2,4,6-Tribromophenol	16.16	330	364578	145.31	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	860480	85.50	ng	-0.02
79) Terphenyl-d14	20.03	244	1938831	99.52	ng	-0.02
Target Compounds						Qvalue
10) Phenol	7.26	94	13957	4.033	ng	89
50) Dimethylphthalate	14.12	163	79511	7.273	ng #	97

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

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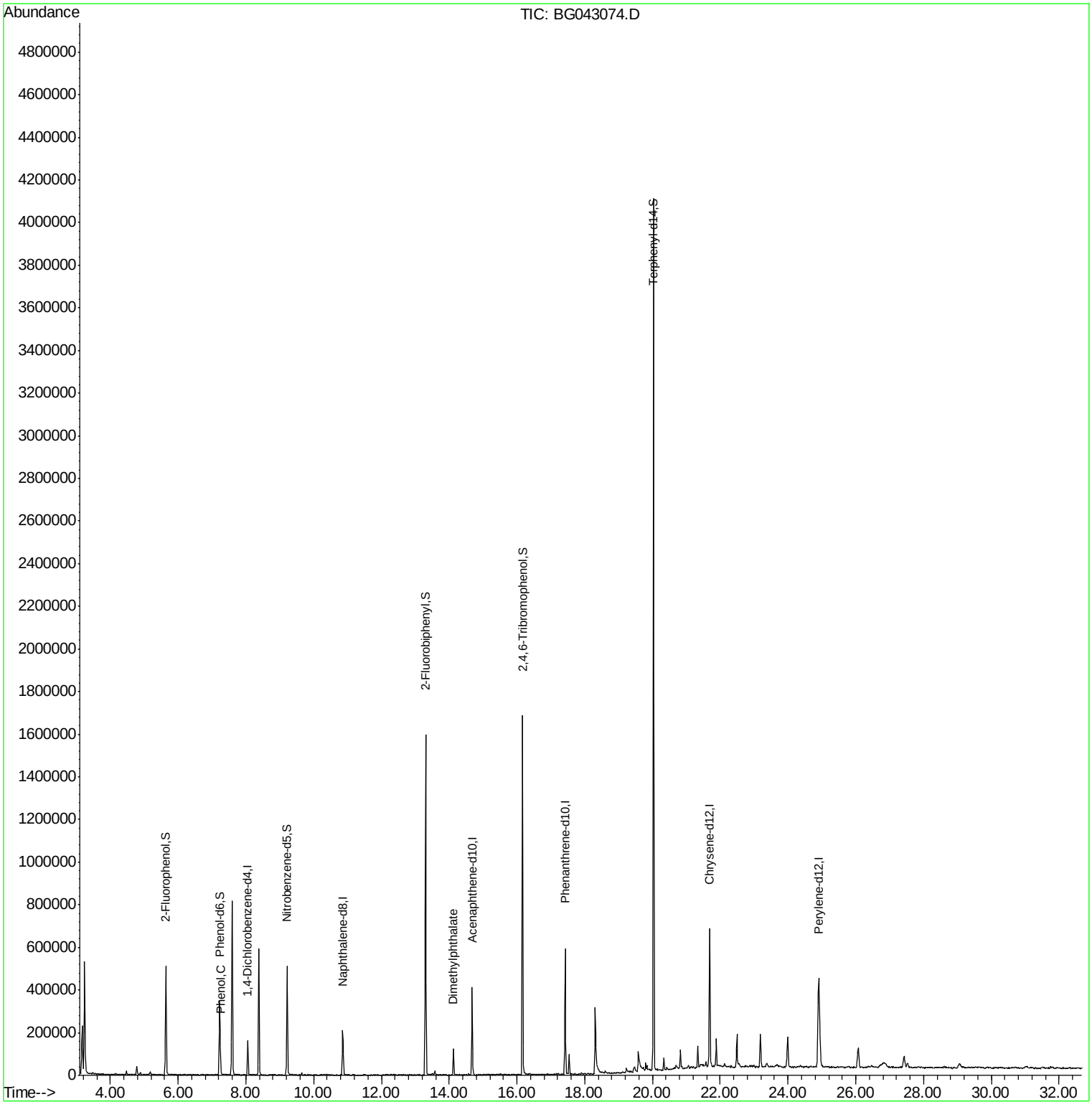
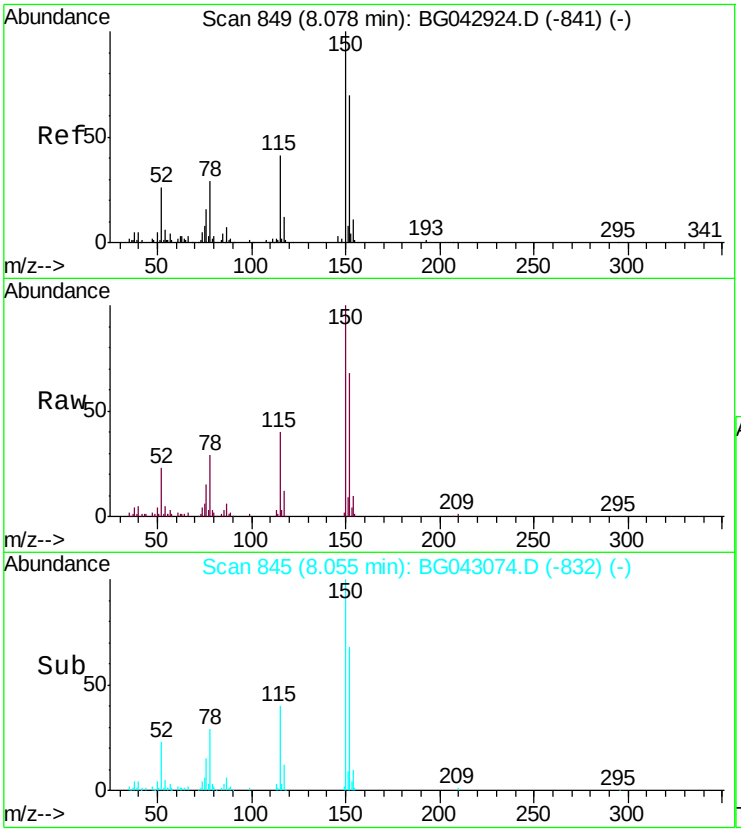


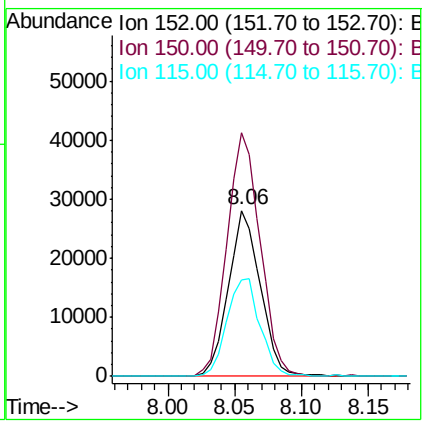


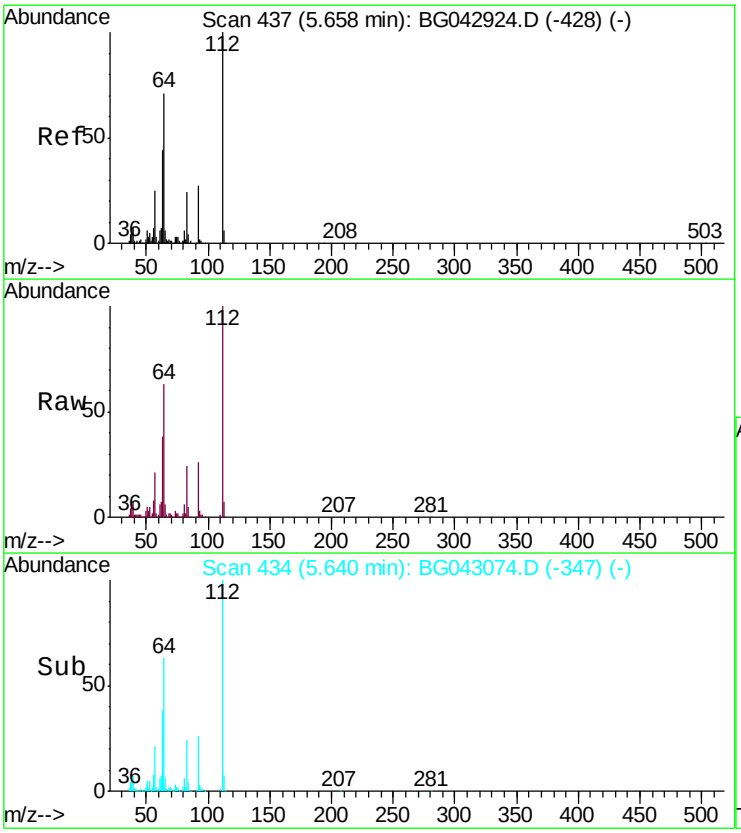
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 845
Delta R.T. -0.02 min
Lab File: BG043074.D
Acq: 7 Oct 2019 19:10

Instrument :
BNA_G
ClientSampleId :
MW-102I

Tgt Ion:152 Resp: 46749

Ion	Ratio	Lower	Upper
152	100		
150	146.9	115.0	172.4
115	58.4	47.0	70.6

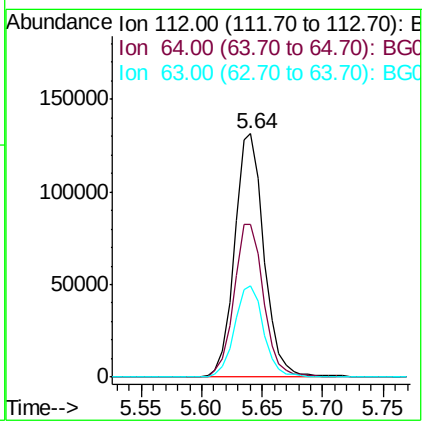


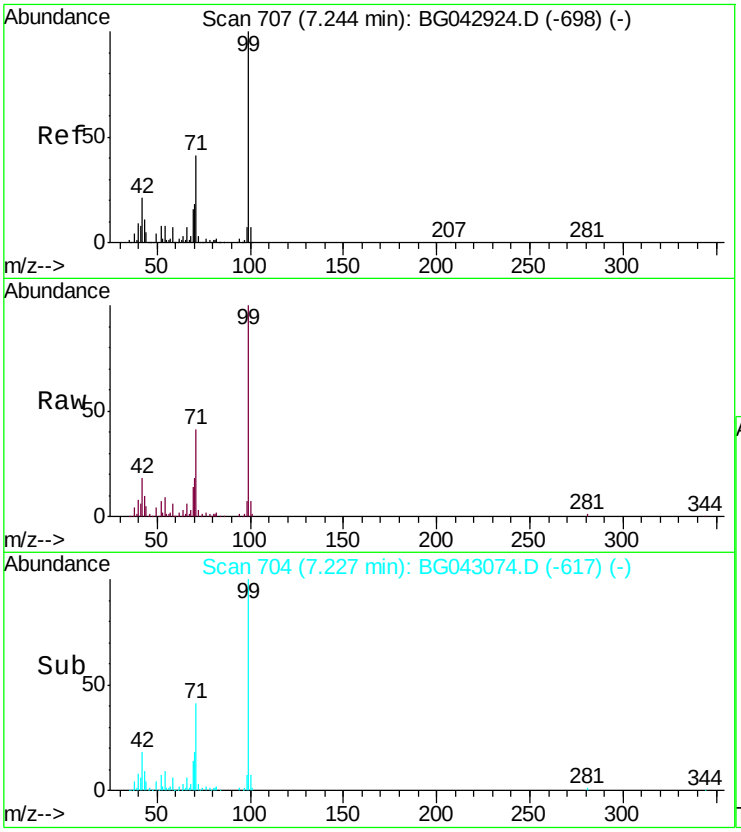


#5
2-Fluorophenol
Concen: 85.030 ng
RT: 5.64 min Scan# 434
Delta R.T. -0.02 min
Lab File: BG043074.D
Acq: 7 Oct 2019 19:10

Tgt Ion:112 Resp: 222739

Ion	Ratio	Lower	Upper
112	100		
64	62.9	56.6	84.8
63	37.7	35.1	52.7



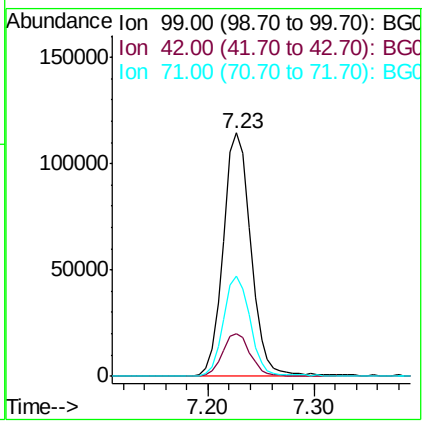


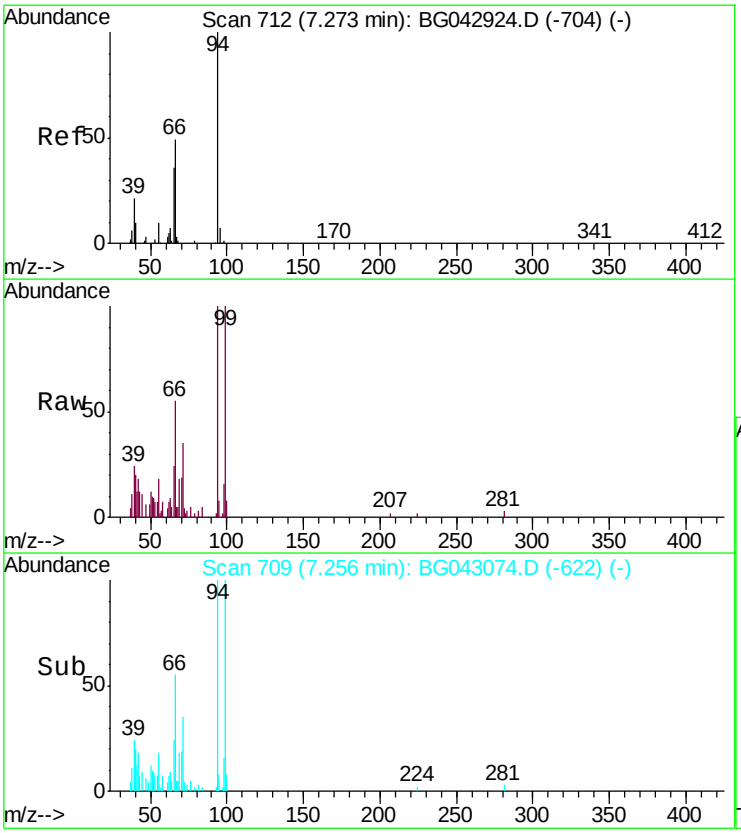
#7
Phenol-d6
Concen: 55.078 ng
RT: 7.23 min Scan# 704
Delta R.T. -0.02 min
Lab File: BG043074.D
Acq: 7 Oct 2019 19:10

Instrument :
BNA_G
ClientSampleId :
MW-102I

Tgt Ion: 99 Resp: 207769

Ion	Ratio	Lower	Upper
99	100		
42	17.6	17.2	25.8
71	41.2	33.1	49.7

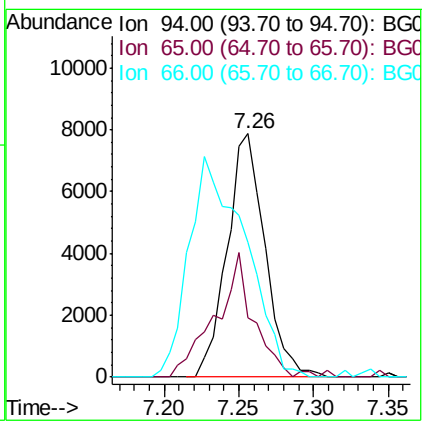


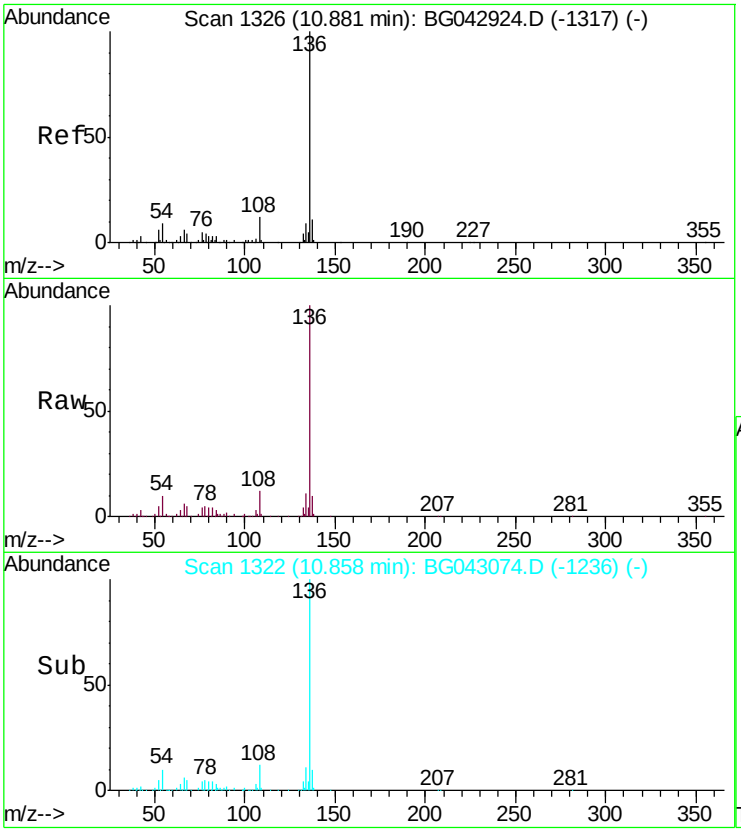


#10
Phenol
Concen: 4.033 ng
RT: 7.26 min Scan# 709
Delta R.T. -0.02 min
Lab File: BG043074.D
Acq: 7 Oct 2019 19:10

Tgt Ion: 94 Resp: 13957

Ion	Ratio	Lower	Upper
94	100		
65	24.3	16.6	56.6
66	55.2	32.4	72.4



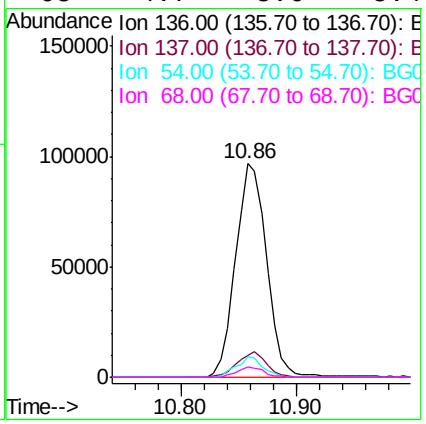


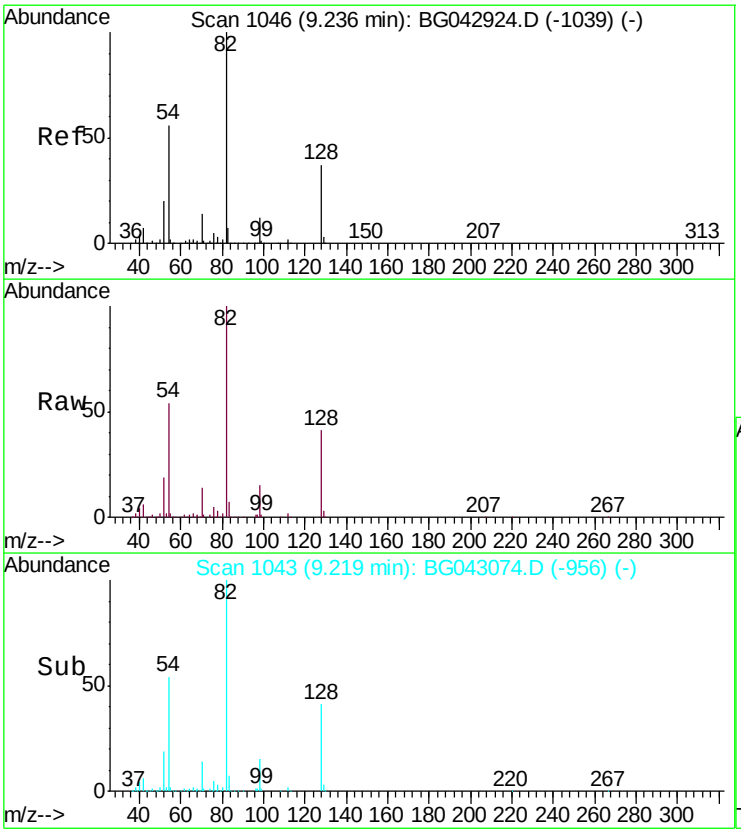
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.02 min
Lab File: BG043074.D
Acq: 7 Oct 2019 19:10

Instrument :
BNA_G
ClientSampleId :
MW-102I

Tgt Ion:136 Resp: 180073

Ion	Ratio	Lower	Upper
136	100		
137	10.0	8.5	12.7
54	9.7	7.4	11.2
68	4.7	3.6	5.4

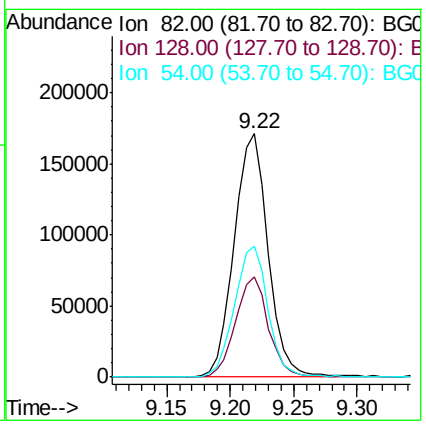


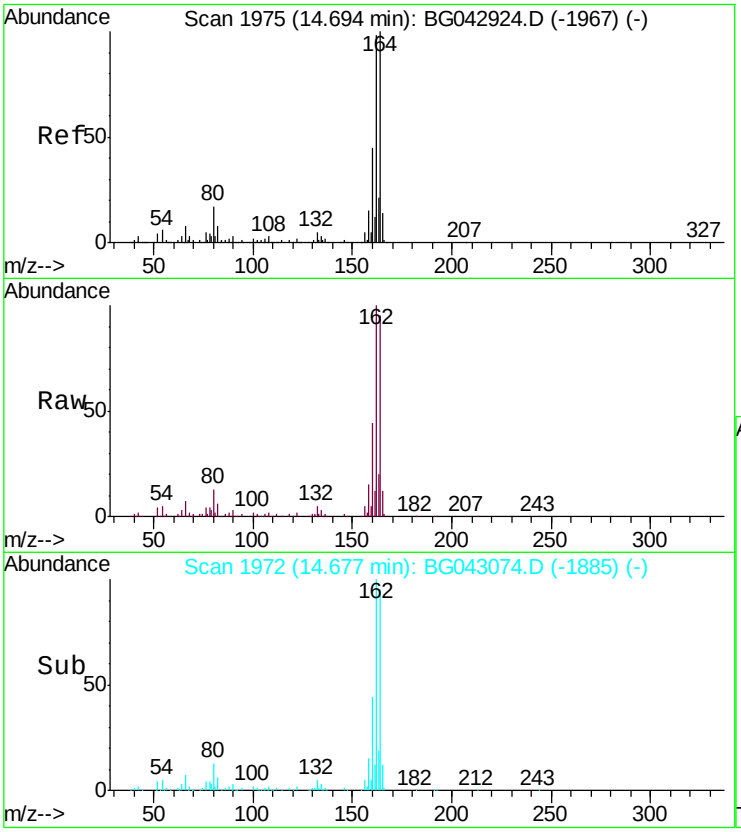


#23
Nitrobenzene-d5
Concen: 85.383 ng
RT: 9.22 min Scan# 1043
Delta R.T. -0.02 min
Lab File: BG043074.D
Acq: 7 Oct 2019 19:10

Tgt Ion: 82 Resp: 316329

Ion	Ratio	Lower	Upper
82	100		
128	41.2	29.5	44.3
54	54.0	44.6	67.0



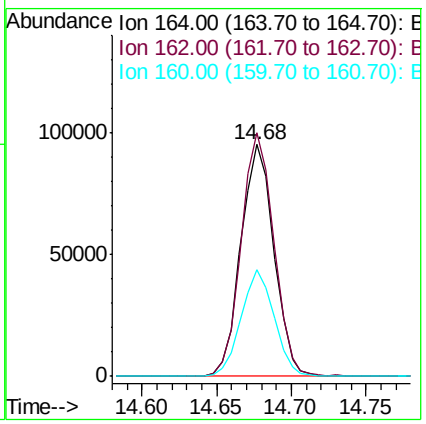


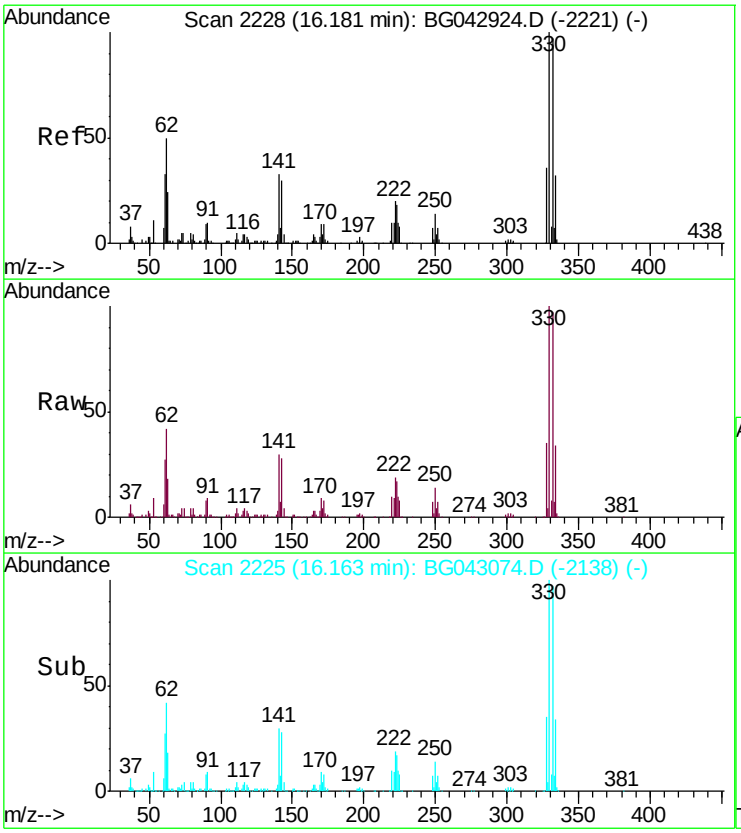
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1972
Delta R.T. -0.02 min
Lab File: BG043074.D
Acq: 7 Oct 2019 19:10

Instrument :
BNA_G
ClientSampleId :
MW-102I

Tgt Ion:164 Resp: 145906

Ion	Ratio	Lower	Upper
164	100		
162	105.0	78.5	117.7
160	45.9	35.9	53.9

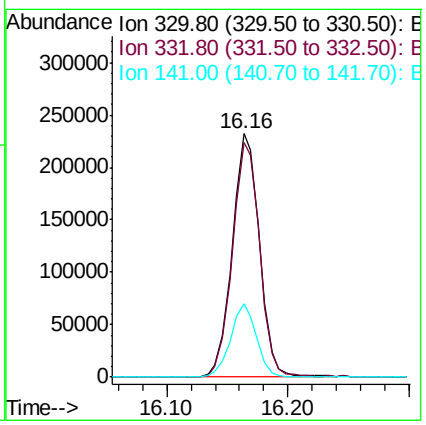


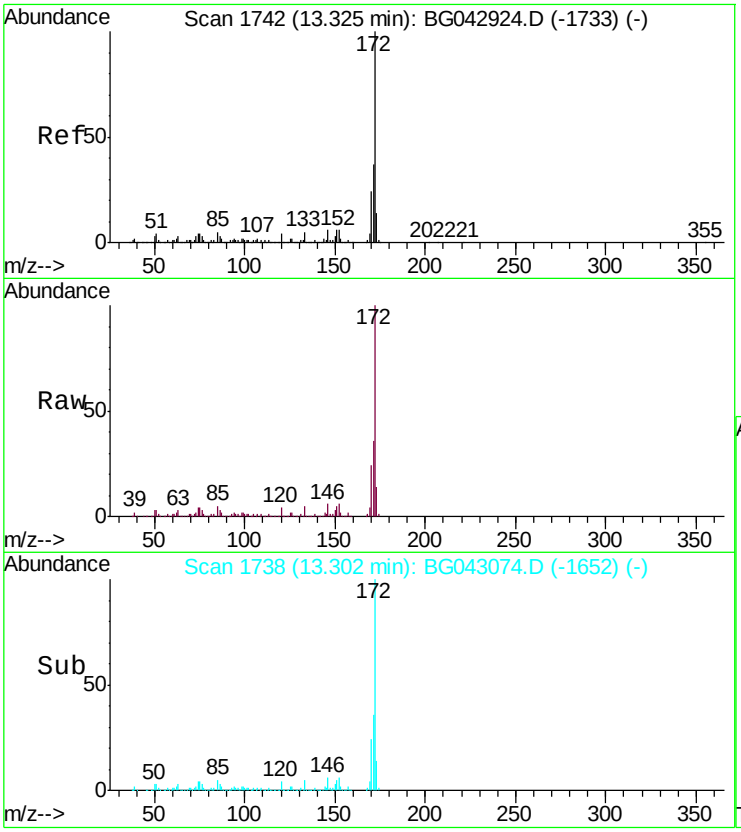


#42
2,4,6-Tribromophenol
Concen: 145.311 ng
RT: 16.16 min Scan# 2225
Delta R.T. -0.02 min
Lab File: BG043074.D
Acq: 7 Oct 2019 19:10

Tgt Ion:330 Resp: 364578

Ion	Ratio	Lower	Upper
330	100		
332	96.5	78.2	117.2
141	28.5	26.0	39.0



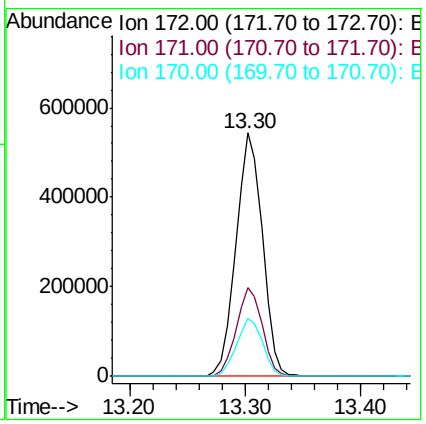


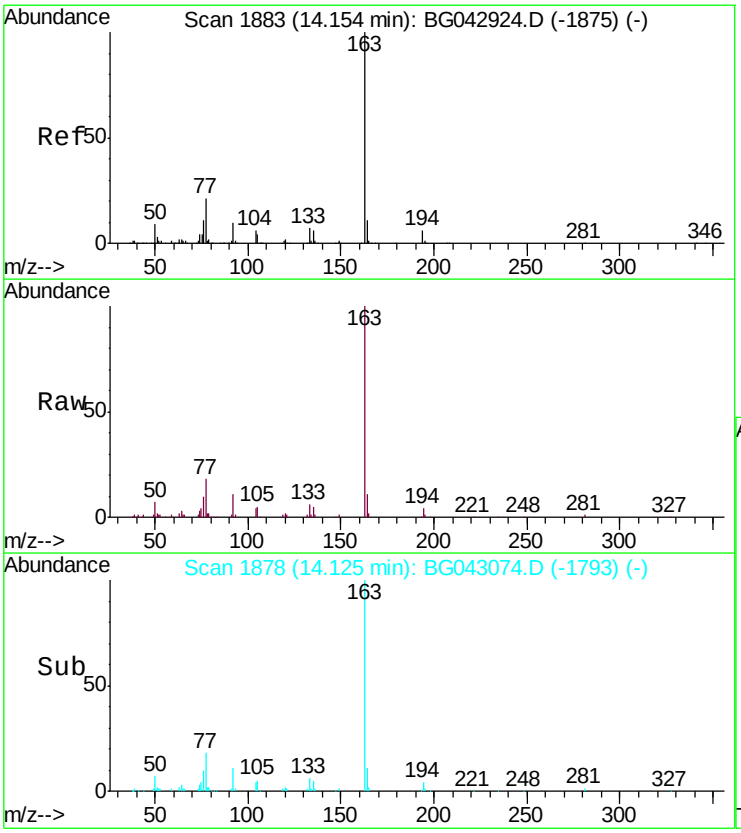
#45
2-Fluorobiphenyl
Concen: 85.496 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.02 min
Lab File: BG043074.D
Acq: 7 Oct 2019 19:10

Instrument :
BNA_G
ClientSampleId :
MW-102I

Tgt Ion:172 Resp: 860480

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.6	44.4
170	24.0	19.6	29.4

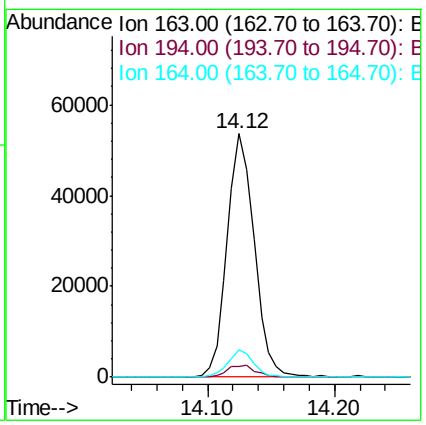


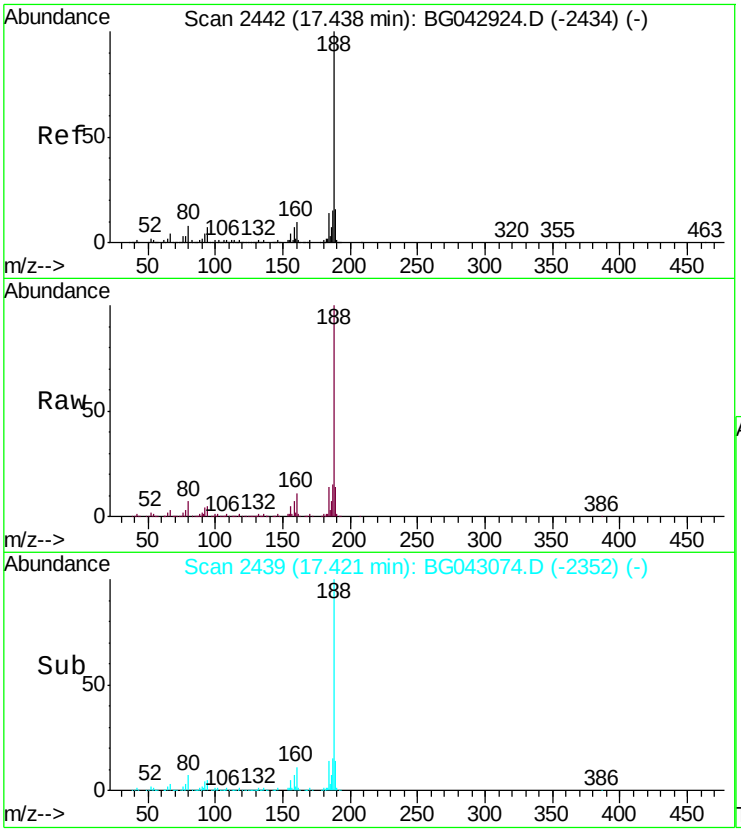


#50
Dimethylphthalate
Concen: 7.273 ng
RT: 14.12 min Scan# 1878
Delta R.T. -0.03 min
Lab File: BG043074.D
Acq: 7 Oct 2019 19:10

Tgt Ion:163 Resp: 79511

Ion	Ratio	Lower	Upper
163	100		
194	4.2	4.4	6.6#
164	11.4	8.6	12.8



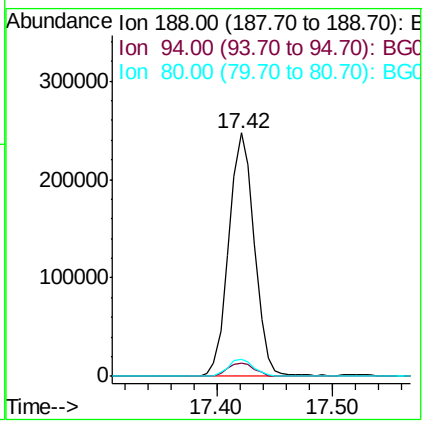


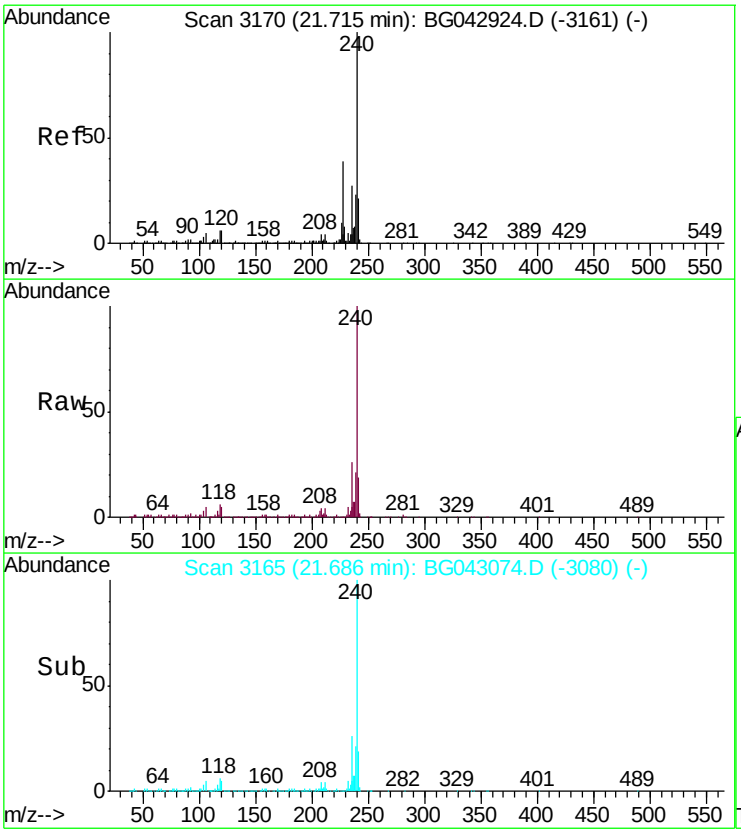
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.02 min
Lab File: BG043074.D
Acq: 7 Oct 2019 19:10

Instrument :
BNA_G
ClientSampleId :
MW-102I

Tgt Ion:188 Resp: 381491

Ion	Ratio	Lower	Upper
188	100		
94	5.3	5.7	8.5#
80	6.9	6.5	9.7

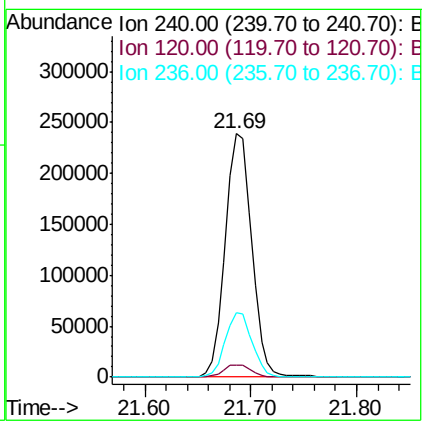


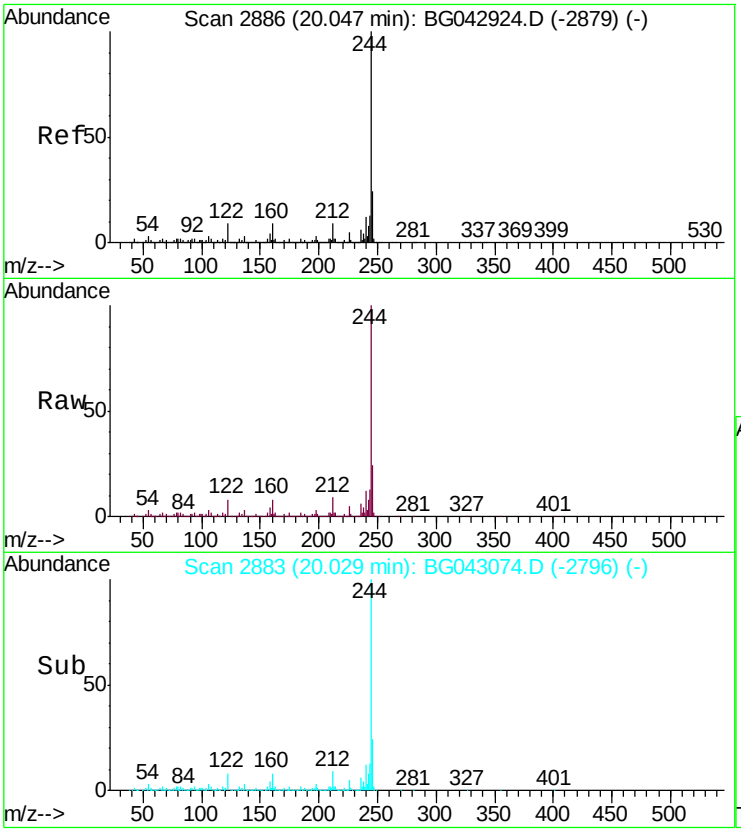


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3165
Delta R.T. -0.03 min
Lab File: BG043074.D
Acq: 7 Oct 2019 19:10

Tgt Ion:240 Resp: 415151

Ion	Ratio	Lower	Upper
240	100		
120	5.0	4.8	7.2
236	26.4	21.4	32.0



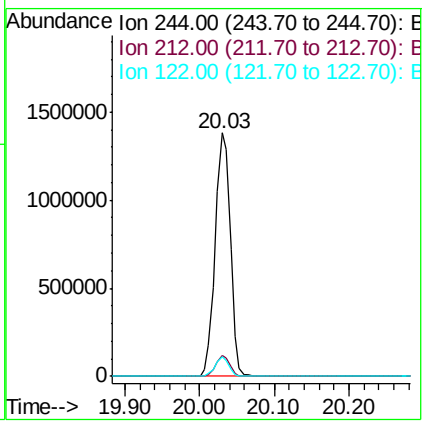


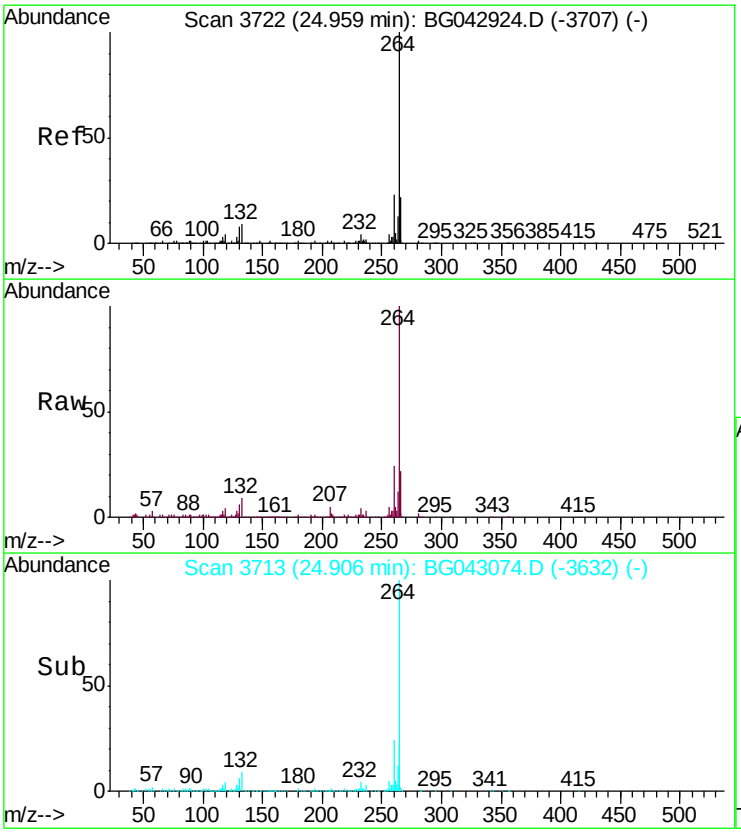
#79
Terphenyl-d14
Concen: 99.516 ng
RT: 20.03 min Scan# 2883
Delta R.T. -0.02 min
Lab File: BG043074.D
Acq: 7 Oct 2019 19:10

Instrument :
BNA_G
ClientSampleId :
MW-102I

Tgt Ion:244 Resp: 1938831

Ion	Ratio	Lower	Upper
244	100		
212	8.6	7.4	11.0
122	7.9	7.0	10.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.91 min Scan# 3713
Delta R.T. -0.05 min
Lab File: BG043074.D
Acq: 7 Oct 2019 19:10

Tgt Ion:264 Resp: 479479

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.7	28.1
265	21.8	17.7	26.5