Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100719\
Data File : BG043075.D
Acq On : 7 Oct 2019 19:48
Operator : JU
Sample : K5154-23
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-102D

Quant Time: Oct 08 02:55:34 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	50545	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	195798	20.00	ng	-0.02
39) Acenaphthene-d10	14.67	164	157323	20.00	ng	-0.02
64) Phenanthrene-d10	17.42	188	406146	20.00	ng	-0.02
76) Chrysene-d12	21.69	240	438414	20.00	ng	-0.03
87) Perylene-d12	24.90	264	515358	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	235016	82.98	ng	-0.02
7) Phenol-d6	7.23	99	214493	52.59	ng	-0.01
23) Nitrobenzene-d5	9.22	82	326658	81.09	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	370304	136.88	ng	-0.01
45) 2-Fluorobiphenyl	13.31	172	893311	82.32	ng	-0.02
79) Terphenyl-d14	20.03	244	1926854	93.65	ng	-0.01
Target Compounds						Qvalue
10) Phenol	7.25	94	25586	6.838	ng	97
50) Dimethylphthalate	14.13	163	133312	11.309	ng #	97

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

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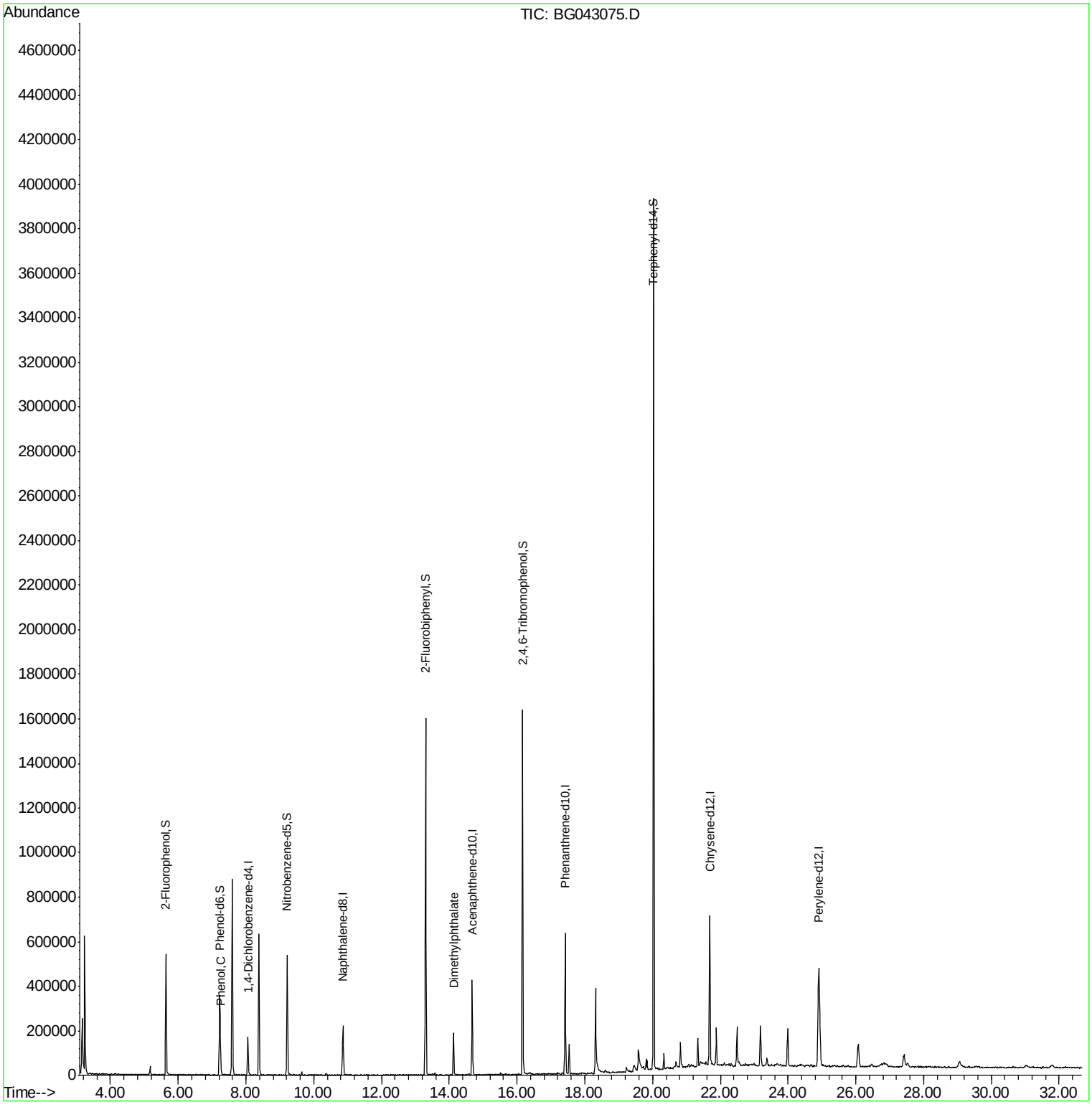
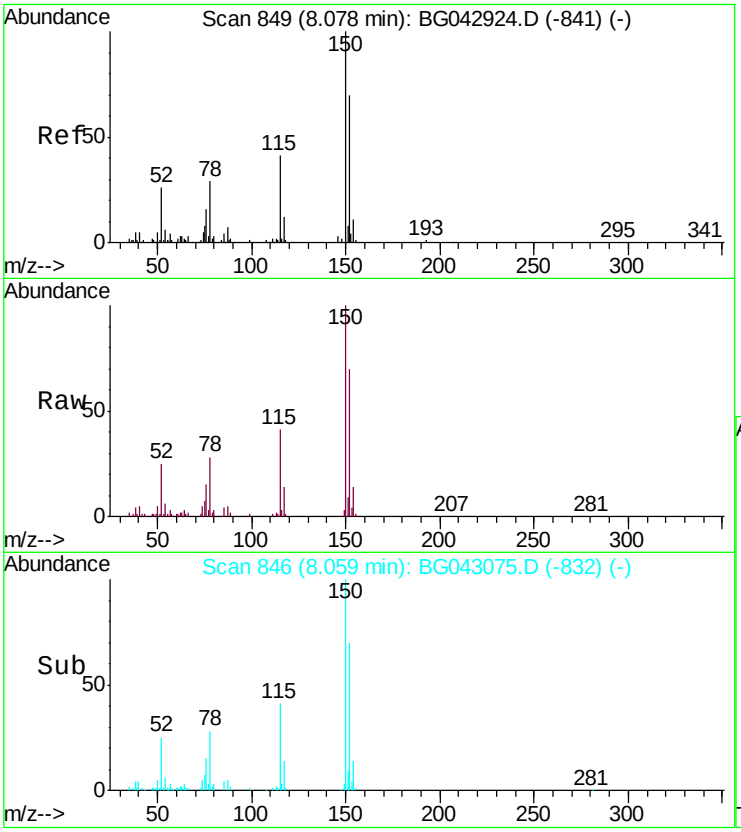


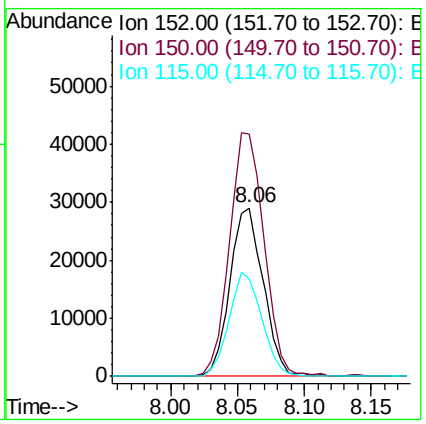


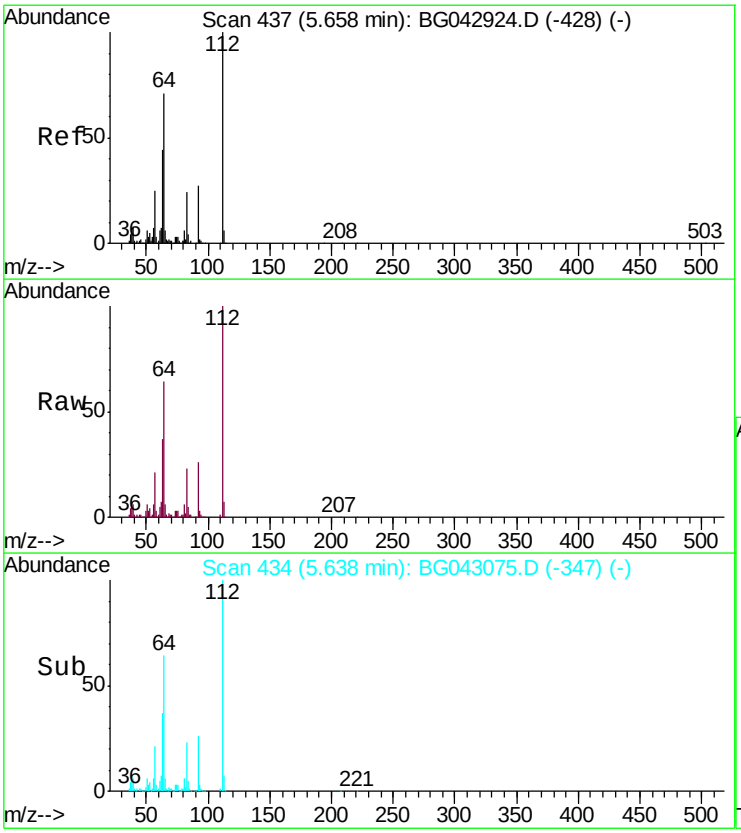
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.02 min
Lab File: BG043075.D
Acq: 7 Oct 2019 19:48

Instrument :
BNA_G
ClientSampleId :
MW-102D

Tgt Ion:152 Resp: 50545

Ion	Ratio	Lower	Upper
152	100		
150	143.4	115.0	172.4
115	58.1	47.0	70.6

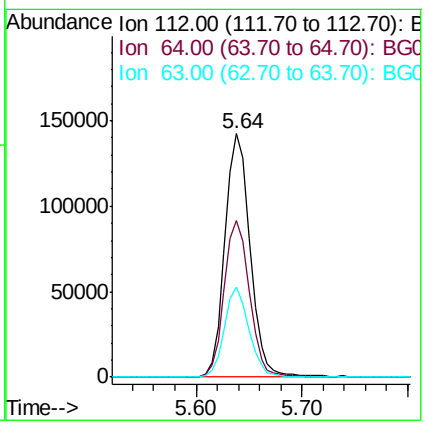


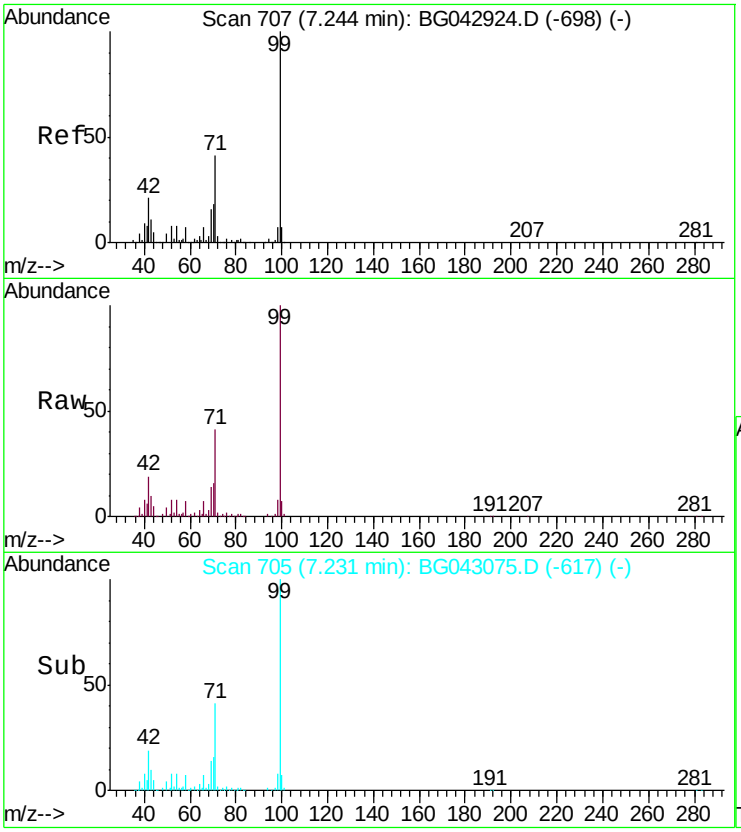


#5
2-Fluorophenol
Concen: 82.978 ng
RT: 5.64 min Scan# 434
Delta R.T. -0.02 min
Lab File: BG043075.D
Acq: 7 Oct 2019 19:48

Tgt Ion:112 Resp: 235016

Ion	Ratio	Lower	Upper
112	100		
64	64.3	56.6	84.8
63	36.7	35.1	52.7



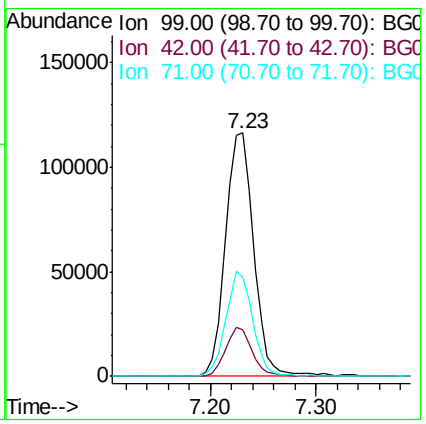


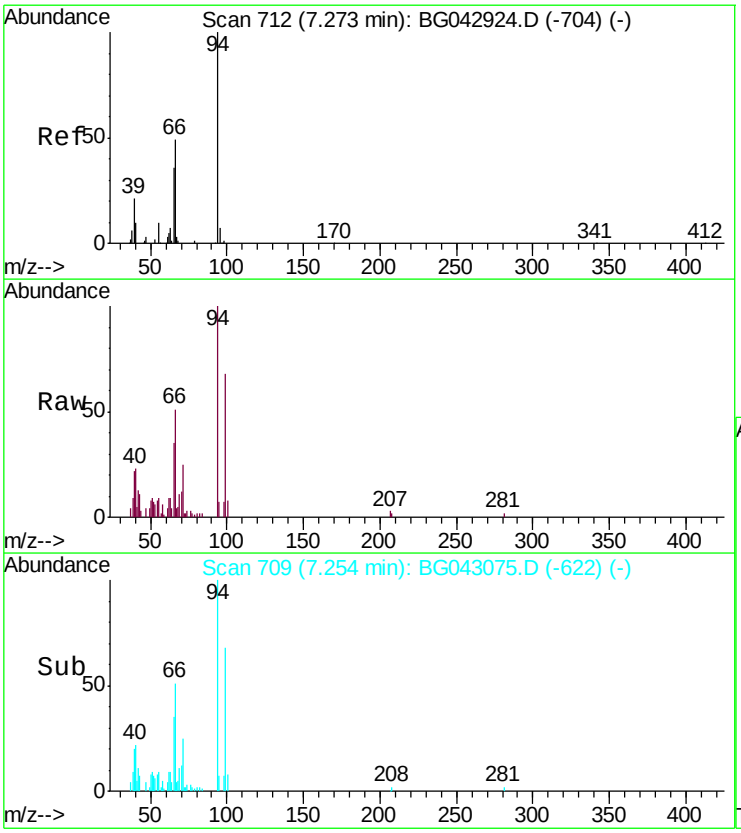
#7
Phenol-d6
Concen: 52.590 ng
RT: 7.23 min Scan# 705
Delta R.T. -0.01 min
Lab File: BG043075.D
Acq: 7 Oct 2019 19:48

Instrument :
BNA_G
ClientSampleId :
MW-102D

Tgt Ion: 99 Resp: 214493

Ion	Ratio	Lower	Upper
99	100		
42	19.2	17.2	25.8
71	40.9	33.1	49.7

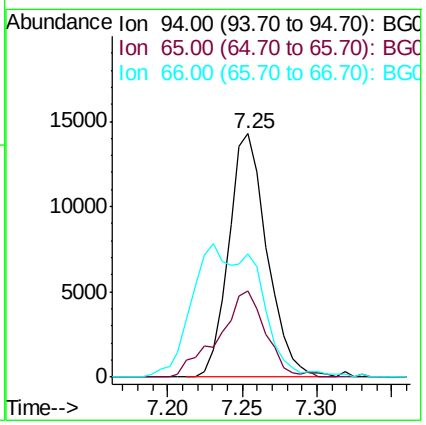


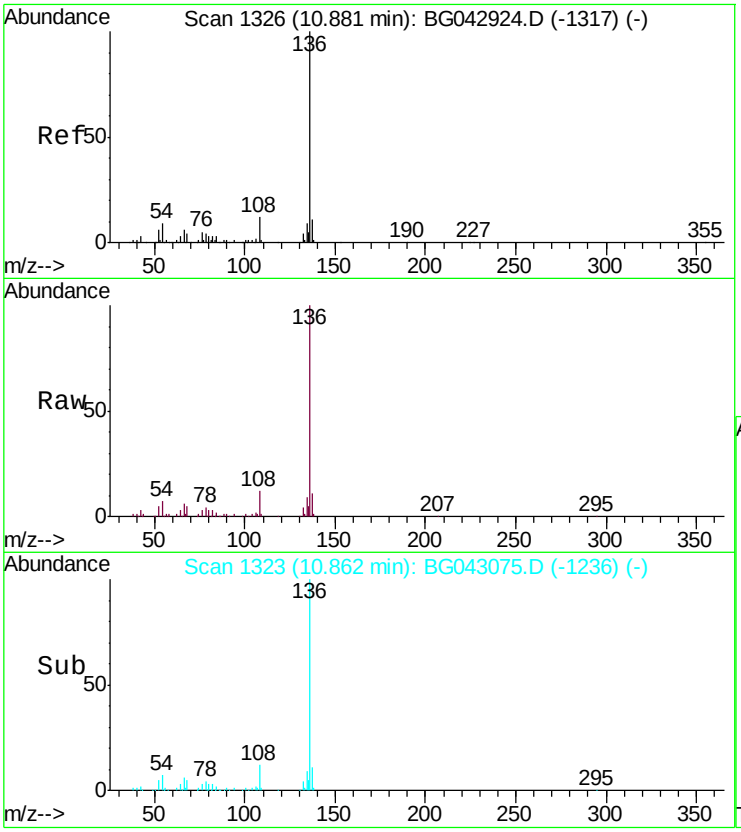


#10
Phenol
Concen: 6.838 ng
RT: 7.25 min Scan# 709
Delta R.T. -0.02 min
Lab File: BG043075.D
Acq: 7 Oct 2019 19:48

Tgt Ion: 94 Resp: 25586

Ion	Ratio	Lower	Upper
94	100		
65	35.2	16.6	56.6
66	50.5	32.4	72.4



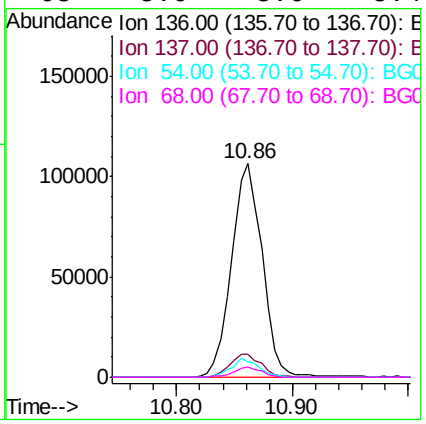


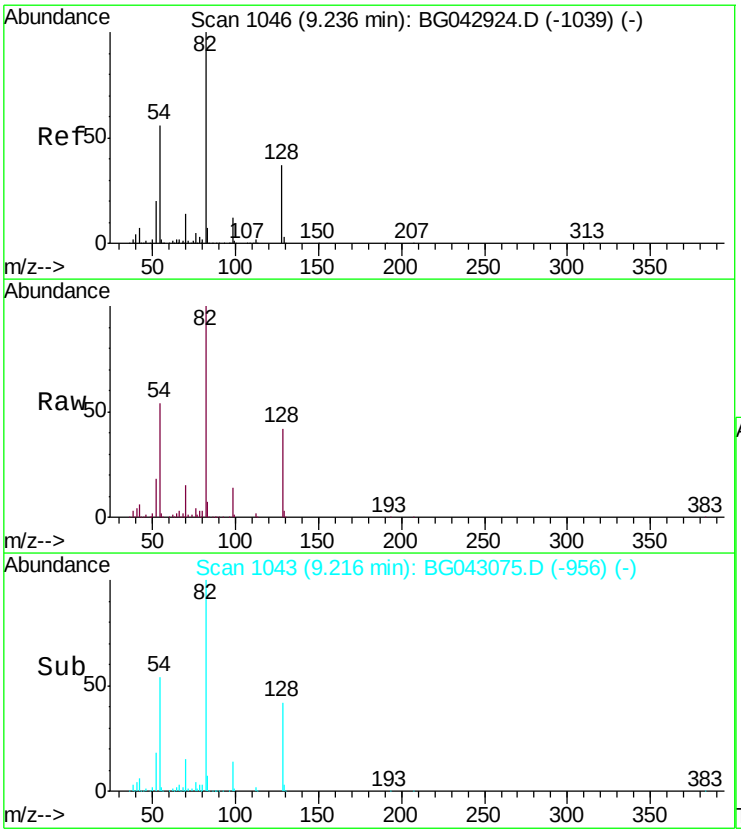
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG043075.D
Acq: 7 Oct 2019 19:48

Instrument :
BNA_G
ClientSampleId :
MW-102D

Tgt Ion:136 Resp: 195798

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	7.1	7.4	11.2#
68	5.0	3.6	5.4

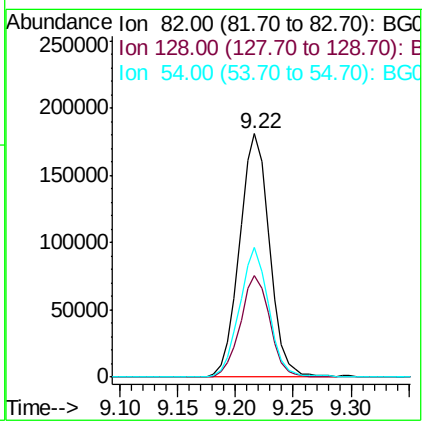


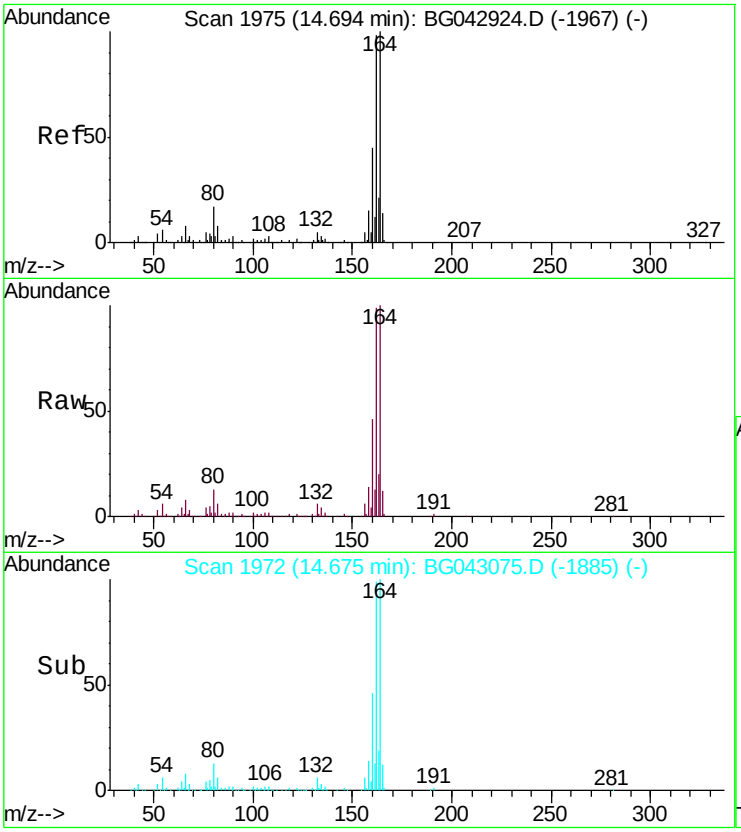


#23
Nitrobenzene-d5
Concen: 81.090 ng
RT: 9.22 min Scan# 1043
Delta R.T. -0.02 min
Lab File: BG043075.D
Acq: 7 Oct 2019 19:48

Tgt Ion: 82 Resp: 326658

Ion	Ratio	Lower	Upper
82	100		
128	41.9	29.5	44.3
54	53.5	44.6	67.0



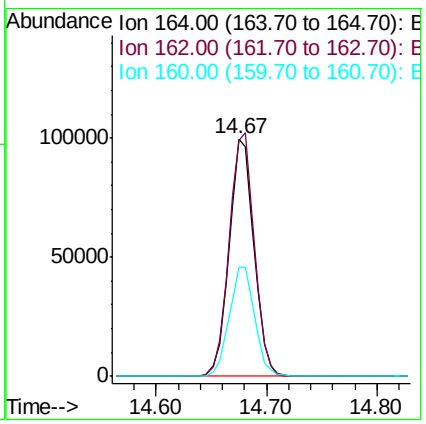


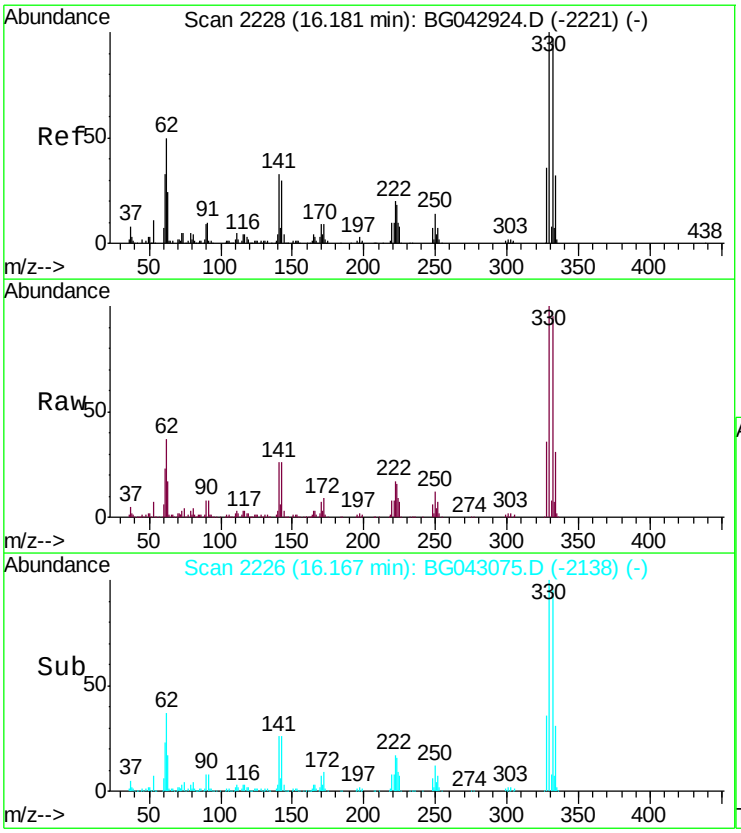
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.02 min
Lab File: BG043075.D
Acq: 7 Oct 2019 19:48

Instrument :
BNA_G
ClientSampleId :
MW-102D

Tgt Ion:164 Resp: 157323

Ion	Ratio	Lower	Upper
164	100		
162	99.4	78.5	117.7
160	46.0	35.9	53.9

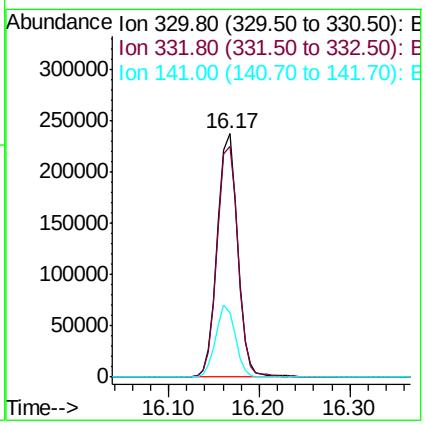


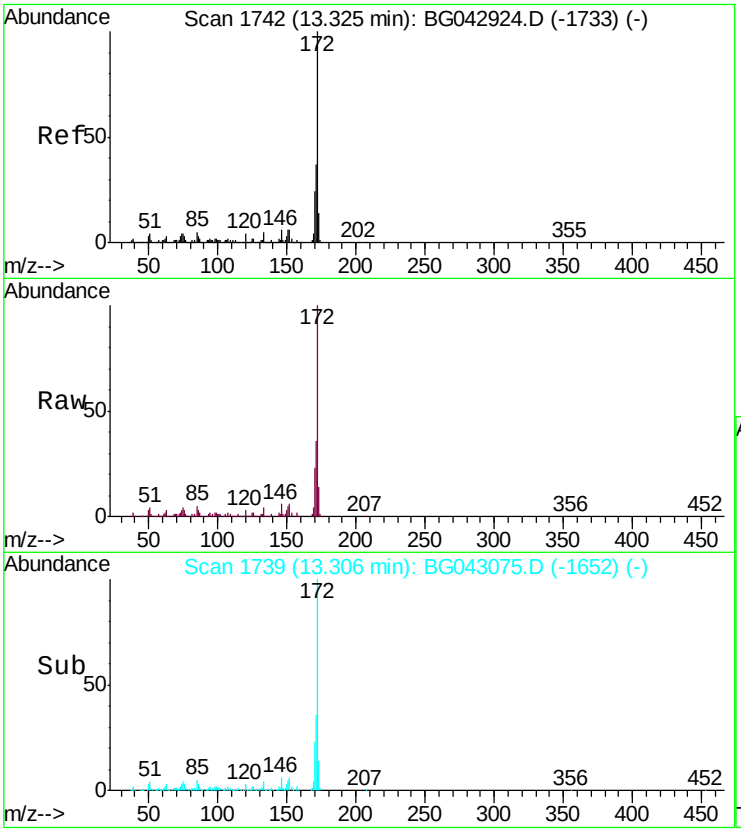


#42
2,4,6-Tribromophenol
Concen: 136.883 ng
RT: 16.17 min Scan# 2226
Delta R.T. -0.01 min
Lab File: BG043075.D
Acq: 7 Oct 2019 19:48

Tgt Ion:330 Resp: 370304

Ion	Ratio	Lower	Upper
330	100		
332	97.0	78.2	117.2
141	28.5	26.0	39.0



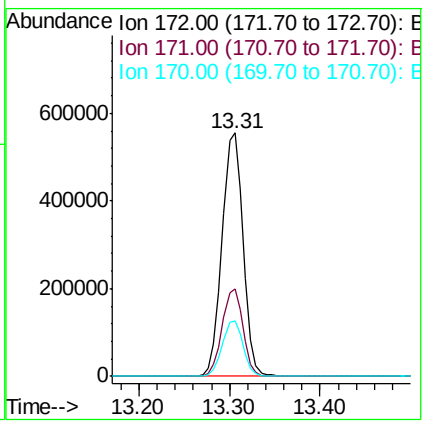


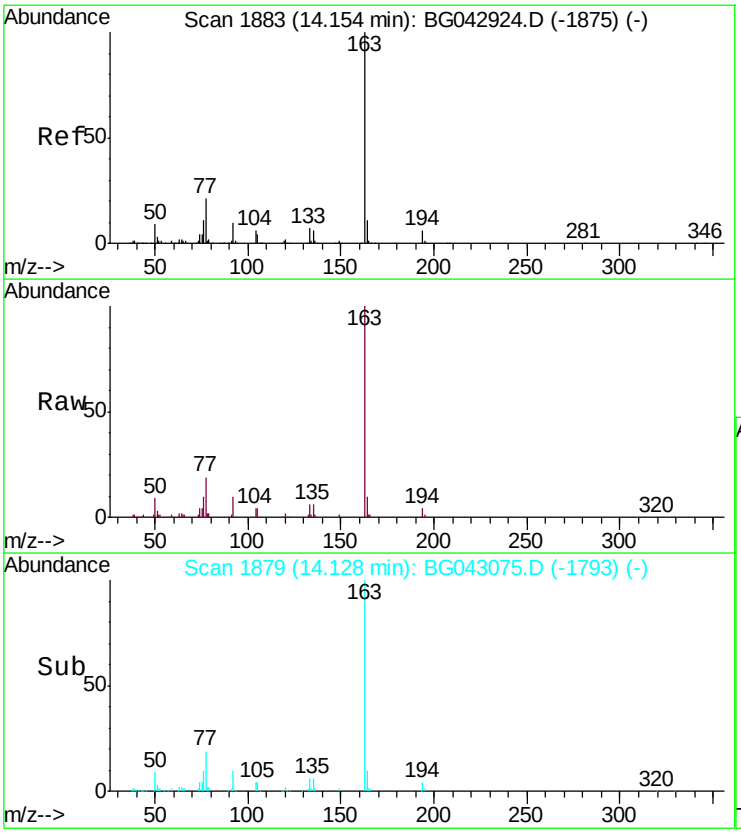
#45
2-Fluorobiphenyl
Concen: 82.317 ng
RT: 13.31 min Scan# 1739
Delta R.T. -0.02 min
Lab File: BG043075.D
Acq: 7 Oct 2019 19:48

Instrument :
BNA_G
ClientSampleId :
MW-102D

Tgt Ion:172 Resp: 893311

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.6	44.4
170	22.9	19.6	29.4

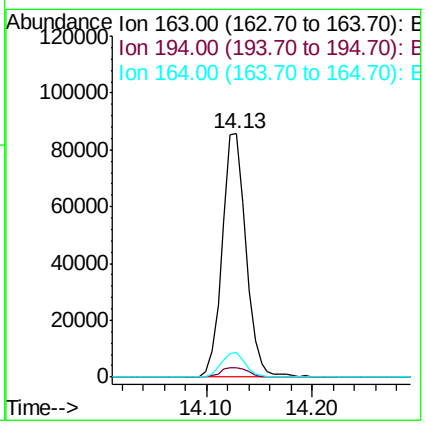


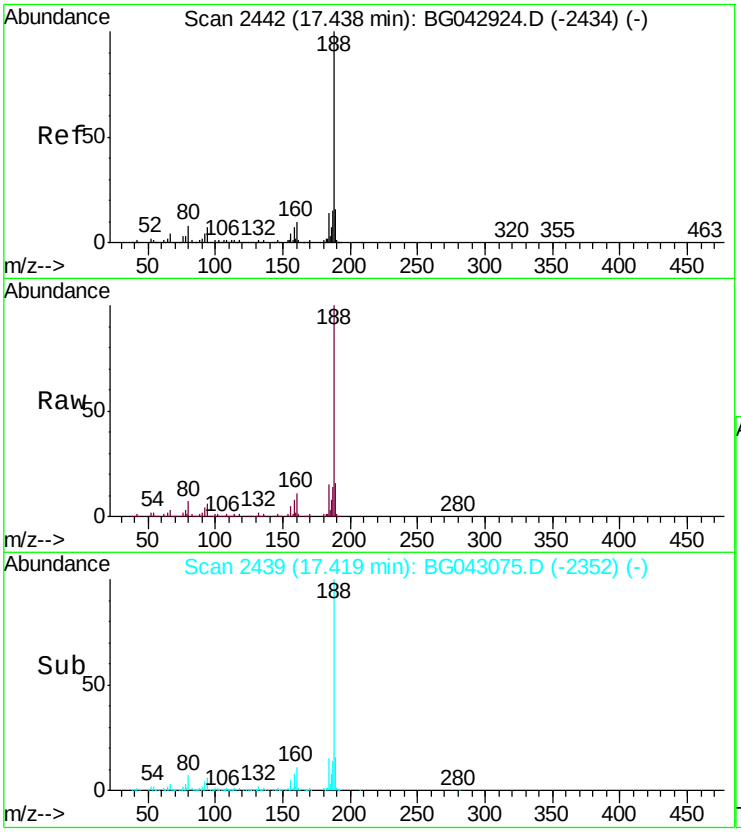


#50
Dimethylphthalate
Concen: 11.309 ng
RT: 14.13 min Scan# 1879
Delta R.T. -0.03 min
Lab File: BG043075.D
Acq: 7 Oct 2019 19:48

Tgt Ion:163 Resp: 133312

Ion	Ratio	Lower	Upper
163	100		
194	4.0	4.4	6.6#
164	10.1	8.6	12.8



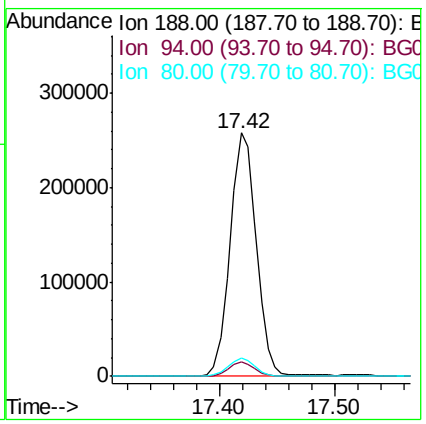


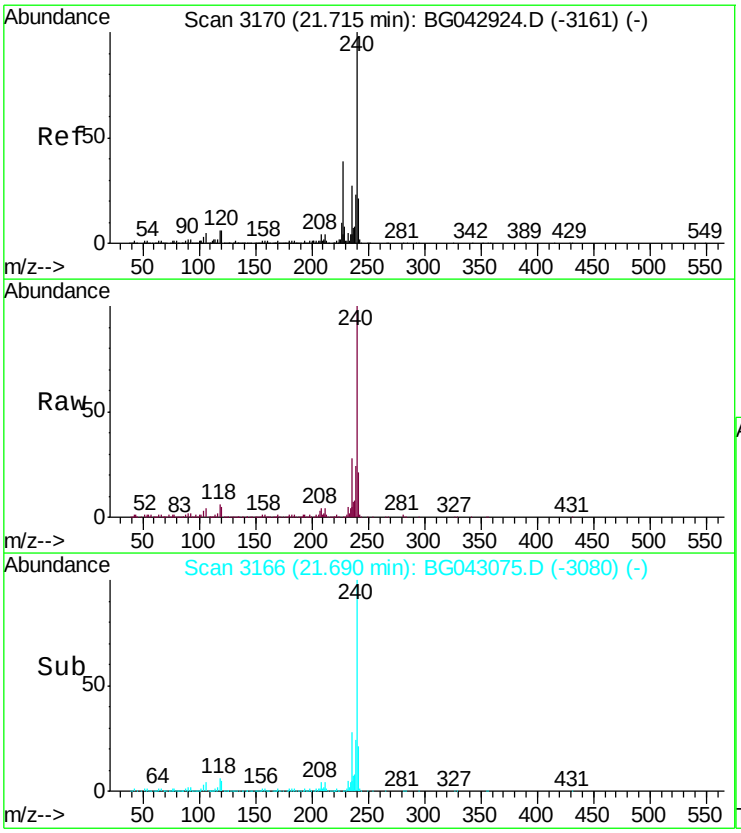
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.02 min
Lab File: BG043075.D
Acq: 7 Oct 2019 19:48

Instrument :
BNA_G
ClientSampleId :
MW-102D

Tgt Ion:188 Resp: 406146

Ion	Ratio	Lower	Upper
188	100		
94	5.9	5.7	8.5
80	7.4	6.5	9.7

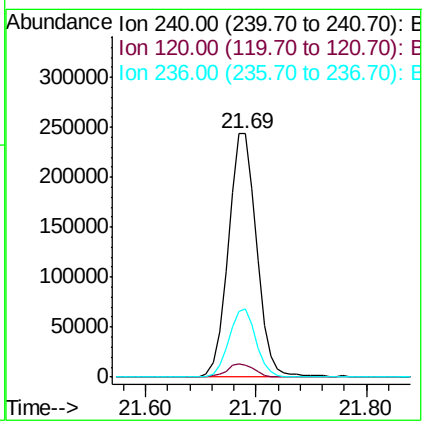


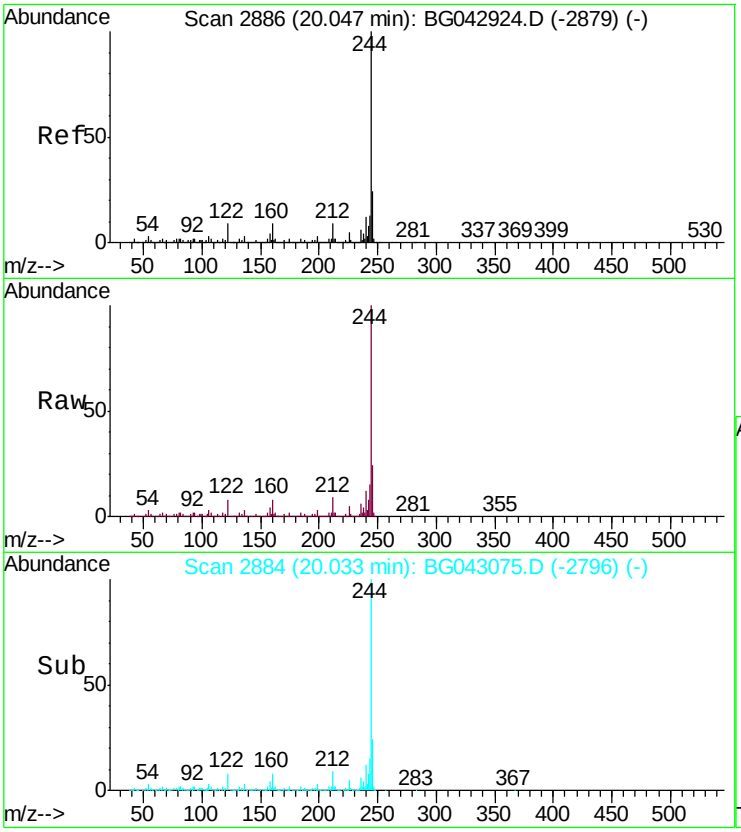


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.03 min
Lab File: BG043075.D
Acq: 7 Oct 2019 19:48

Tgt Ion:240 Resp: 438414

Ion	Ratio	Lower	Upper
240	100		
120	5.0	4.8	7.2
236	27.9	21.4	32.0



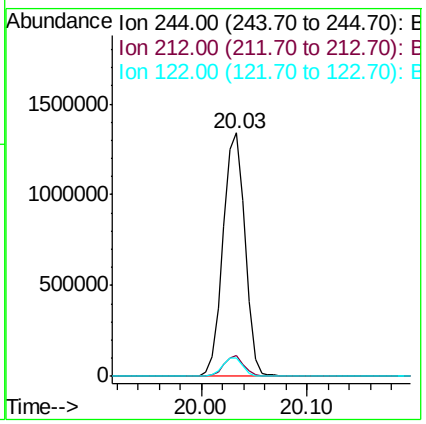


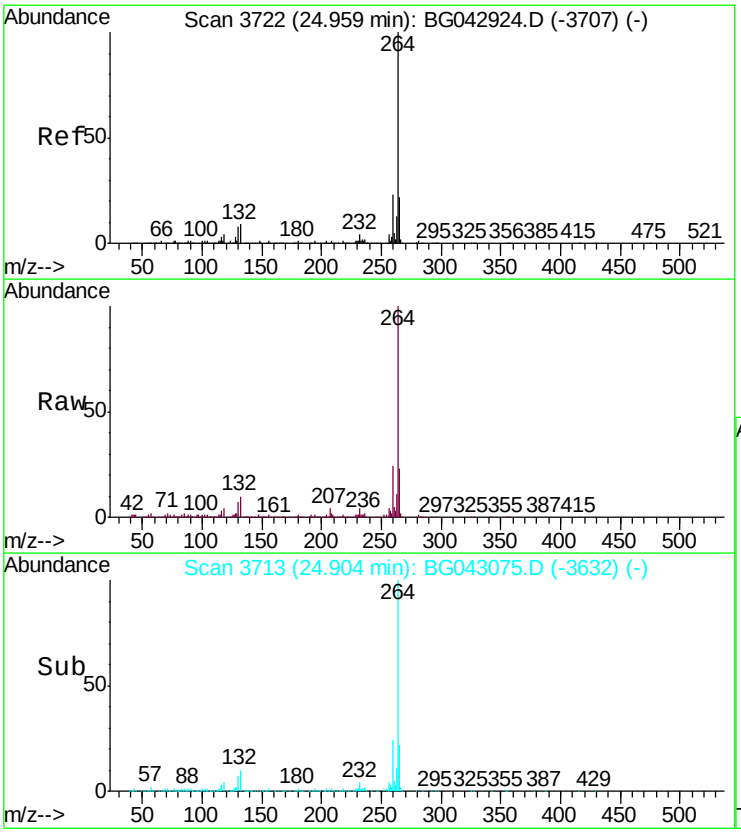
#79
Terphenyl-d14
Concen: 93.653 ng
RT: 20.03 min Scan# 2884
Delta R.T. -0.01 min
Lab File: BG043075.D
Acq: 7 Oct 2019 19:48

Instrument :
BNA_G
ClientSampleId :
MW-102D

Tgt Ion:244 Resp: 1926854

Ion	Ratio	Lower	Upper
244	100		
212	8.6	7.4	11.0
122	7.7	7.0	10.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.90 min Scan# 3713
Delta R.T. -0.05 min
Lab File: BG043075.D
Acq: 7 Oct 2019 19:48

Tgt Ion:264 Resp: 515358

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.7	28.1
265	22.6	17.7	26.5