Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082119\
Data File : BG042393.D
Acq On : 21 Aug 2019 21:16
Operator : HP/JU
Sample : K4413-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TMW-01

Quant Time: Aug 22 02:15:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG081919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 19 13:40:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	56768	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	243742	20.00	ng		0.00
39) Acenaphthene-d10	14.66	164	203797	20.00	ng		0.00
64) Phenanthrene-d10	17.41	188	480208	20.00	ng		0.00
76) Chrysene-d12	21.69	240	417932	20.00	ng		0.00
87) Perylene-d12	24.95	264	495652	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	92380	32.97	ng		0.00
7) Phenol-d6	7.17	99	84663	22.25	ng		0.00
23) Nitrobenzene-d5	9.17	82	348684	100.61	ng		0.00
42) 2,4,6-Tribromophenol	16.16	330	271361	97.76	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	1121102	93.09	ng		0.00
79) Terphenyl-d14	20.04	244	1930031	101.15	ng		0.00
Target Compounds							Qvalue
38) 1-Methylnaphthalene	12.71	142	96003	11.131	ng		97
50) Dimethylphthalate	14.11	163	111805	7.721	ng		99
52) Acenaphthene	14.73	154	27531	2.648	ng		95
58) Fluorene	15.71	166	32463	2.357	ng	#	93
71) Phenanthrene	17.46	178	114596	4.792	ng		98
73) Carbazole	17.82	167	135006	6.372	ng		98
75) Fluoranthene	19.47	202	72484	2.513	ng		98
78) Pyrene	19.83	202	57133	2.222	ng		95

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 19 13:40:37 2019
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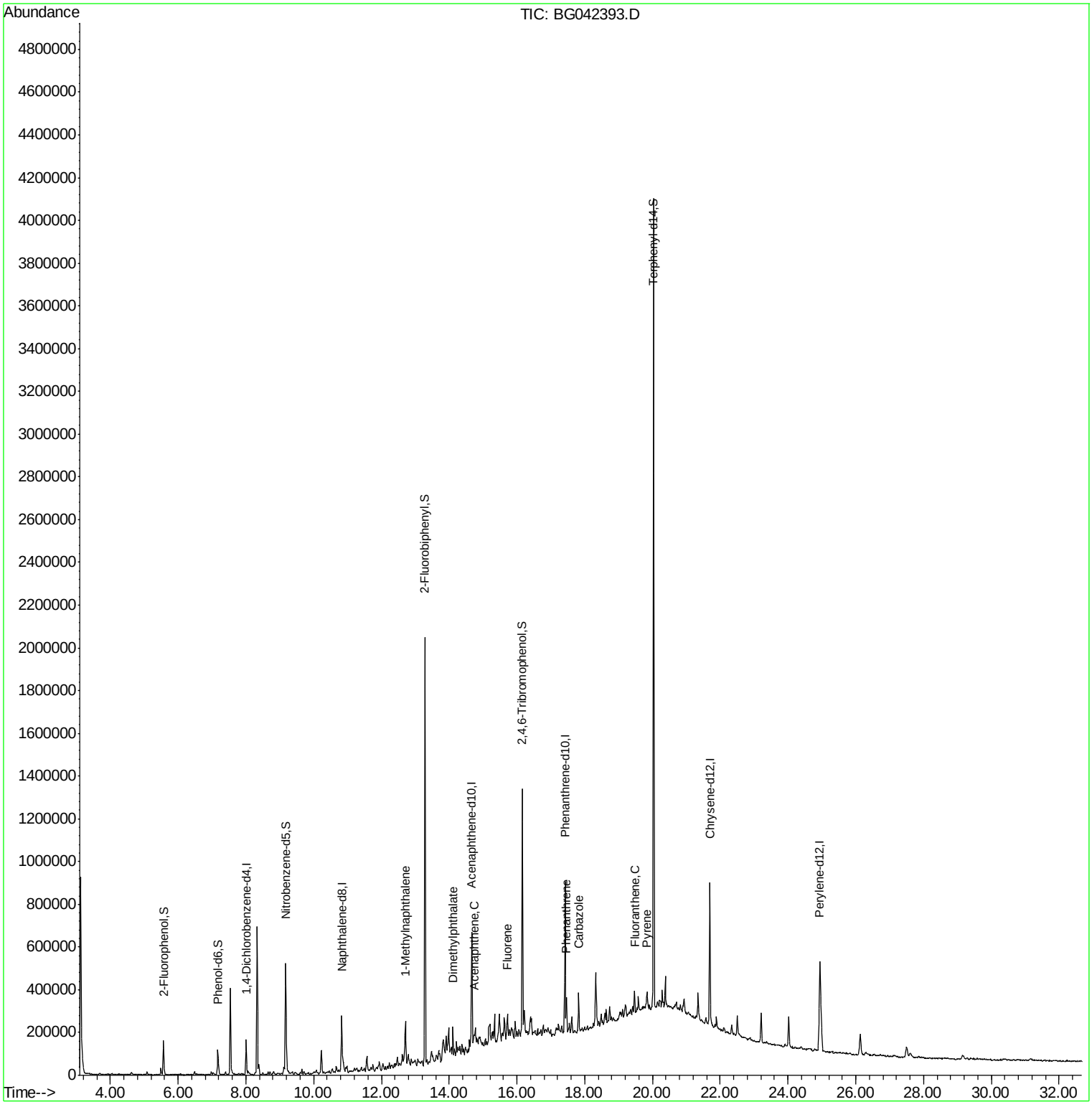
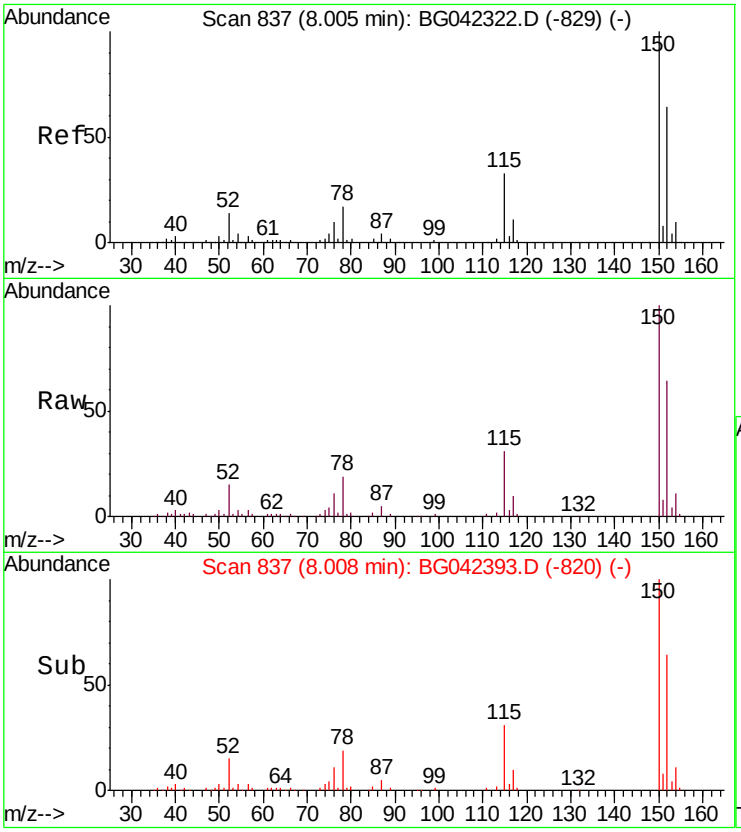


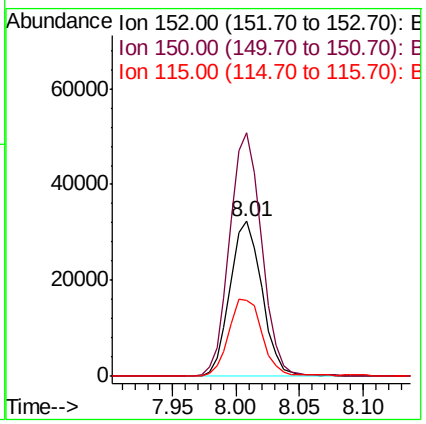


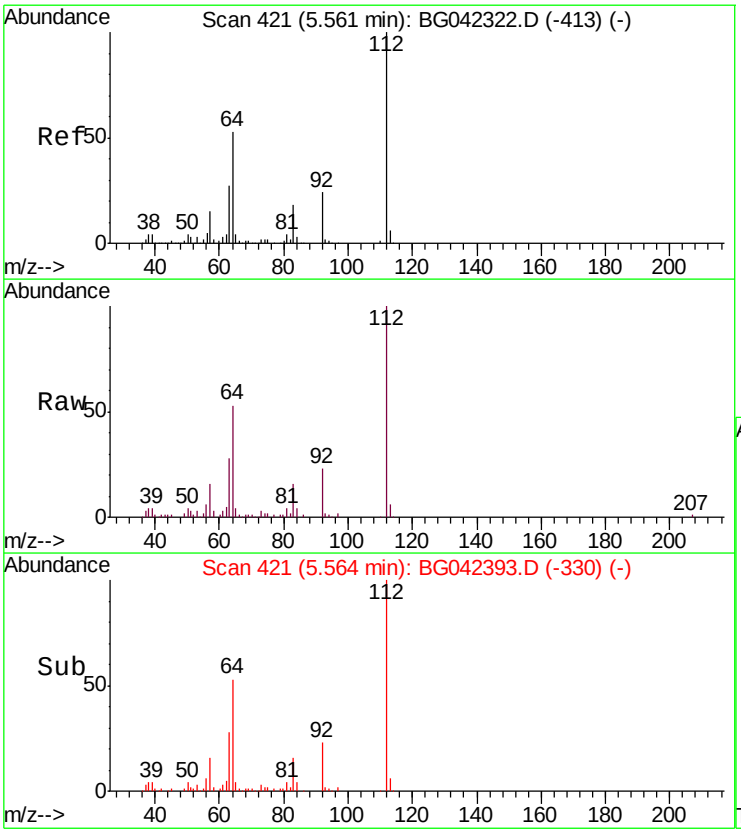
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. 0.00 min
Lab File: BG042393.D
Acq: 21 Aug 2019 21:16

Instrument :
BNA_G
ClientSampleId :
TMW-01

Tgt Ion:152 Resp: 56768

Ion	Ratio	Lower	Upper
152	100		
150	157.2	124.3	186.5
115	48.7	40.5	60.7

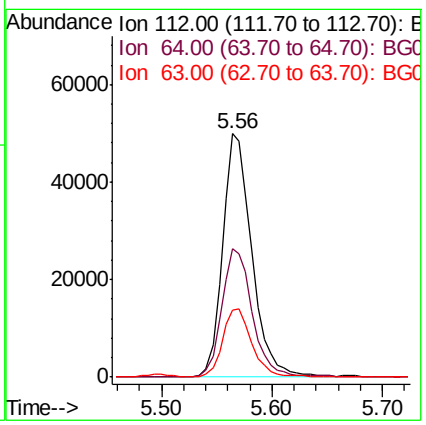


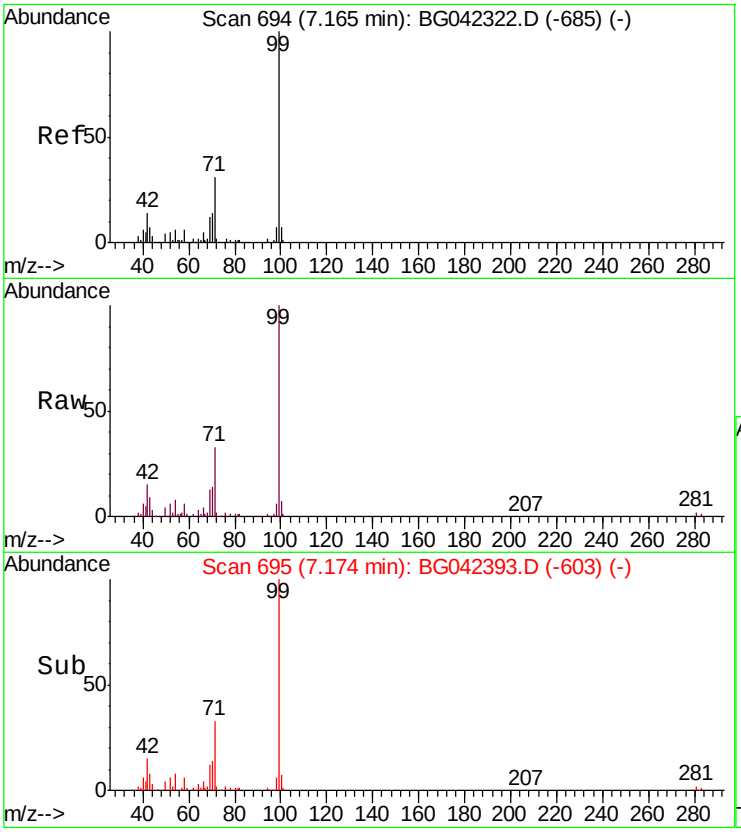


#5
2-Fluorophenol
Concen: 32.971 ng
RT: 5.56 min Scan# 421
Delta R.T. 0.00 min
Lab File: BG042393.D
Acq: 21 Aug 2019 21:16

Tgt Ion:112 Resp: 92380

Ion	Ratio	Lower	Upper
112	100		
64	52.6	42.5	63.7
63	27.5	21.7	32.5



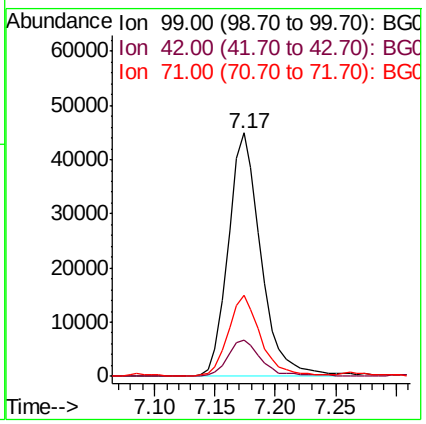


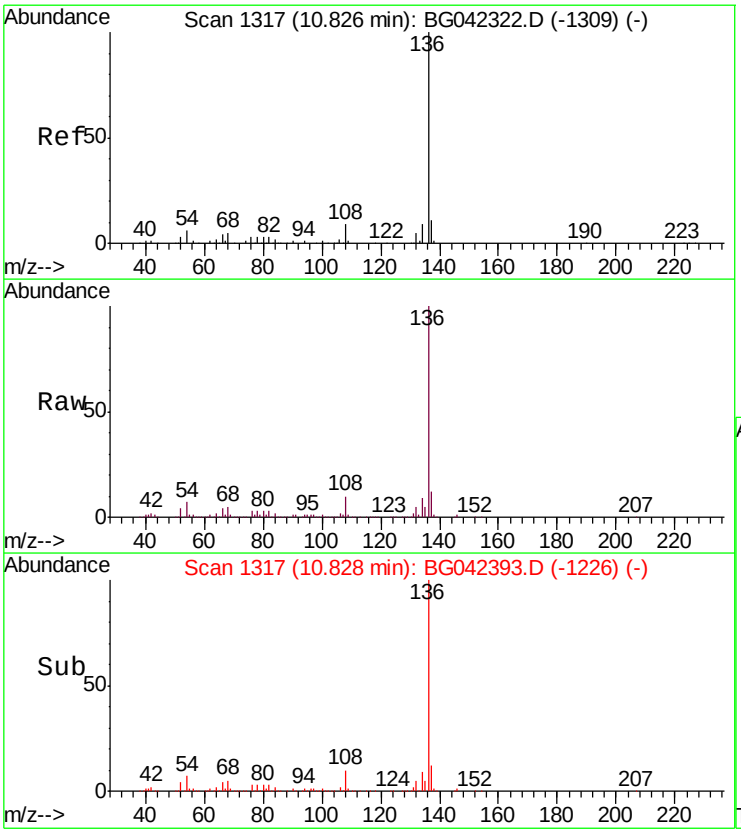
#7
Phenol-d6
Concen: 22.249 ng
RT: 7.17 min Scan# 695
Delta R.T. 0.01 min
Lab File: BG042393.D
Acq: 21 Aug 2019 21:16

Instrument :
BNA_G
ClientSampleId :
TMW-01

Tgt Ion: 99 Resp: 84663

Ion	Ratio	Lower	Upper
99	100		
42	14.8	11.4	17.0
71	33.4	25.1	37.7

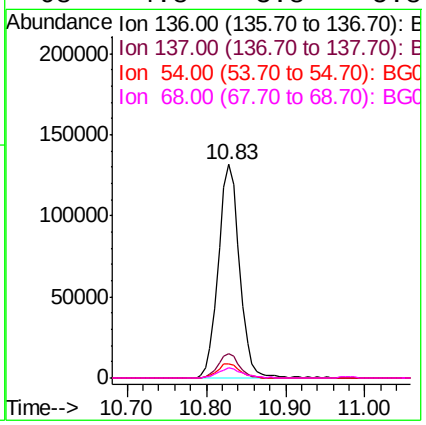


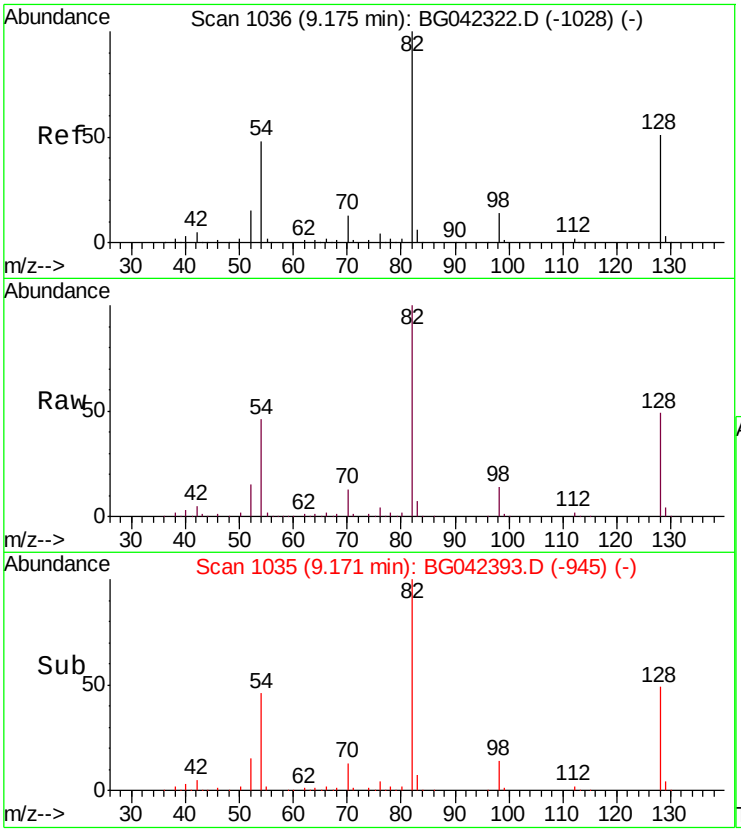


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BG042393.D
Acq: 21 Aug 2019 21:16

Tgt Ion:136 Resp: 243742

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.4	12.6
54	6.7	5.0	7.4
68	4.8	3.8	5.8



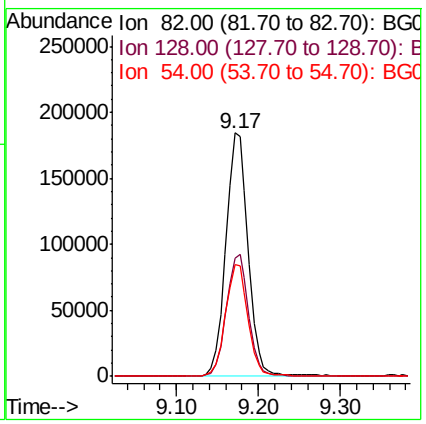


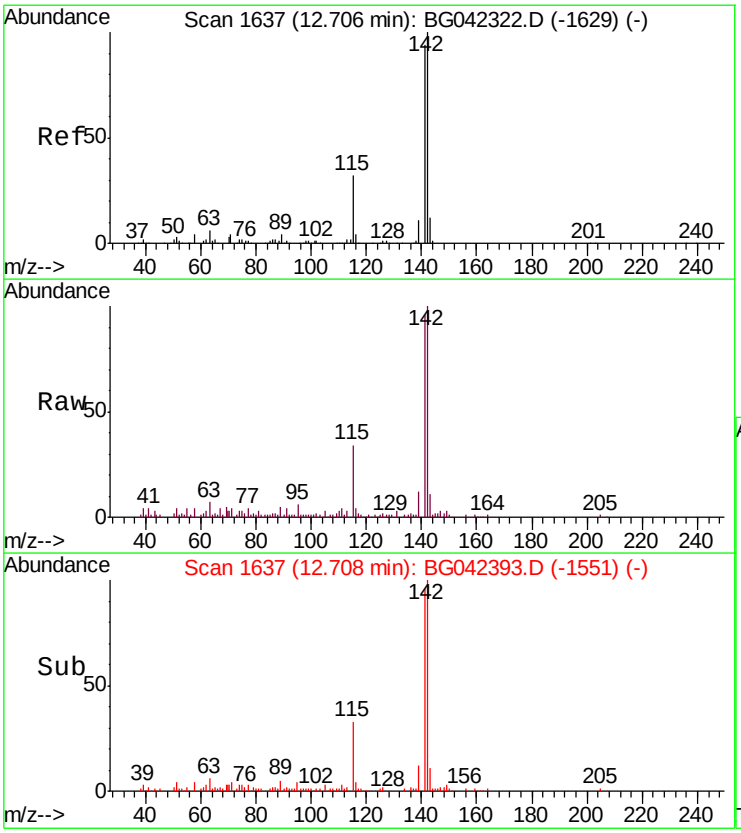
#23
Nitrobenzene-d5
Concen: 100.614 ng
RT: 9.17 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BG042393.D
Acq: 21 Aug 2019 21:16

Instrument :
BNA_G
ClientSampleId :
TMW-01

Tgt Ion: 82 Resp: 348684

Ion	Ratio	Lower	Upper
82	100		
128	48.7	41.0	61.4
54	46.0	38.0	57.0

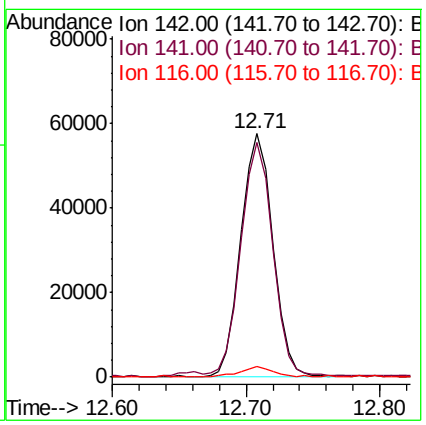


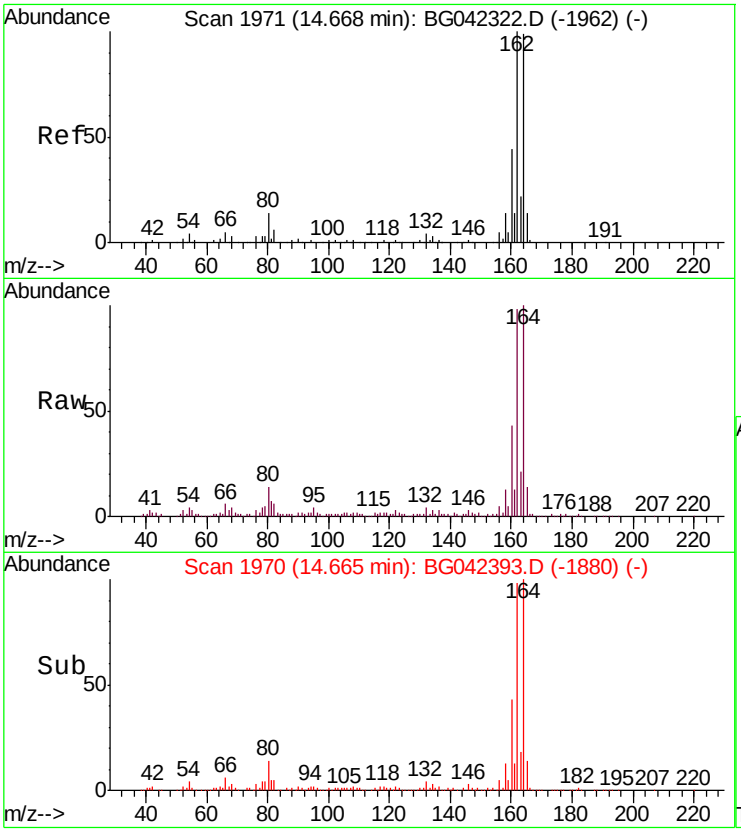


#38
1-Methylnaphthalene
Concen: 11.131 ng
RT: 12.71 min Scan# 1637
Delta R.T. 0.00 min
Lab File: BG042393.D
Acq: 21 Aug 2019 21:16

Tgt Ion:142 Resp: 96003

Ion	Ratio	Lower	Upper
142	100		
141	96.4	75.1	112.7
116	4.5	3.0	4.6



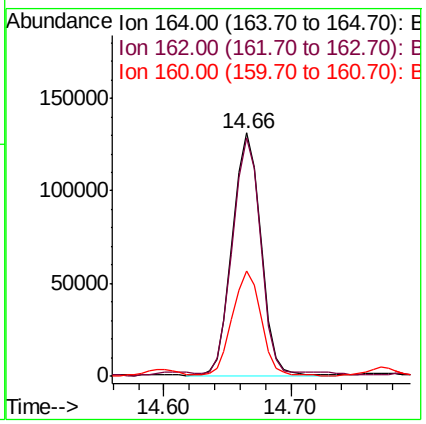


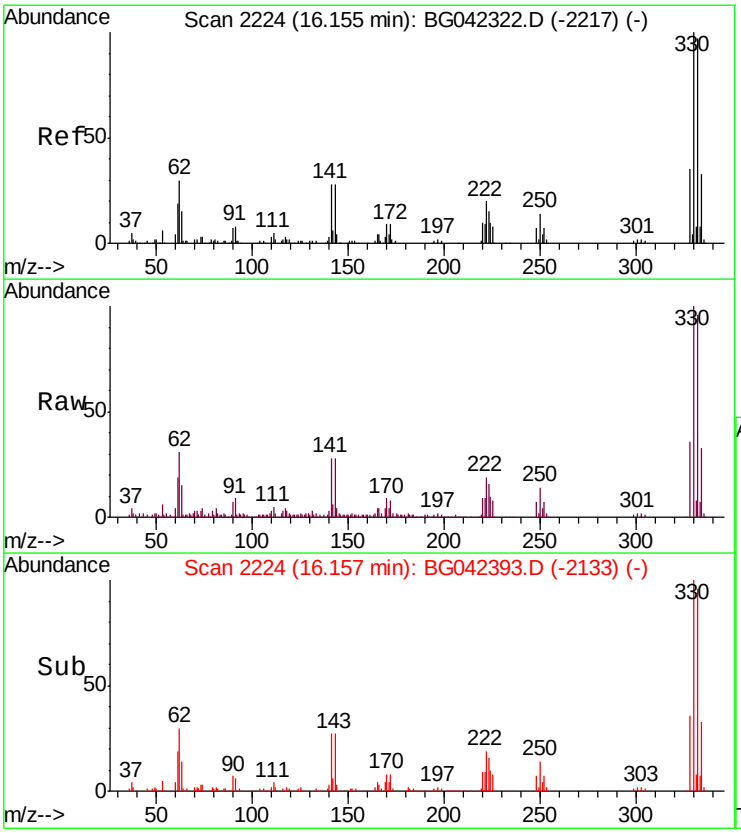
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.00 min
Lab File: BG042393.D
Acq: 21 Aug 2019 21:16

Instrument :
BNA_G
ClientSampleId :
TMW-01

Tgt Ion:164 Resp: 203797

Ion	Ratio	Lower	Upper
164	100		
162	98.2	80.6	120.8
160	43.4	35.7	53.5

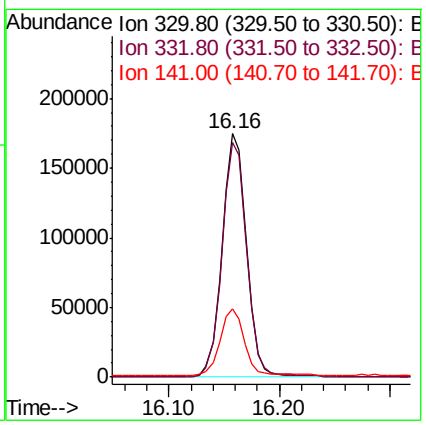


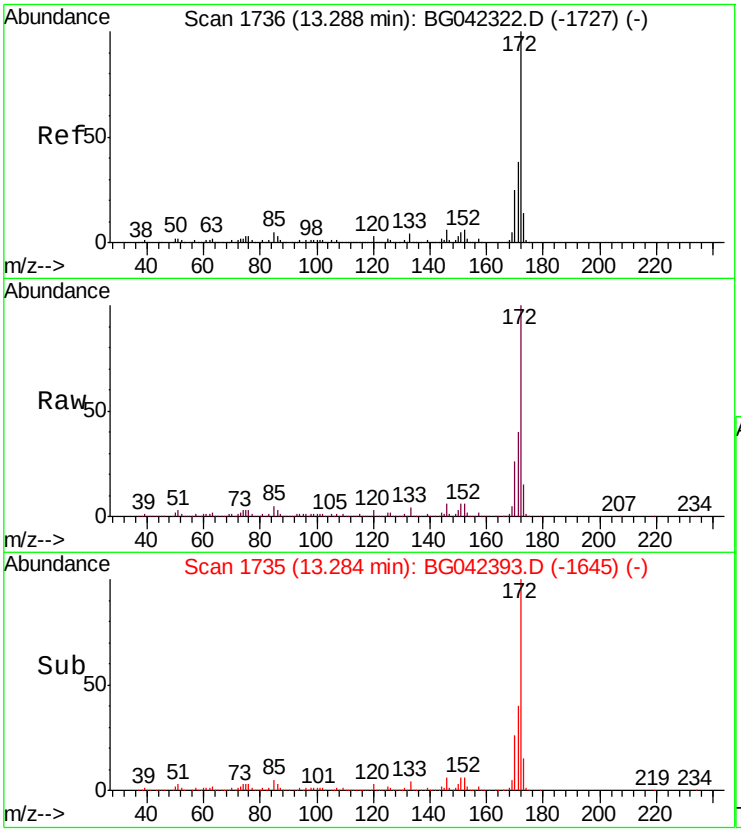


#42
2,4,6-Tribromophenol
Concen: 97.764 ng
RT: 16.16 min Scan# 2224
Delta R.T. 0.00 min
Lab File: BG042393.D
Acq: 21 Aug 2019 21:16

Tgt Ion:330 Resp: 271361

Ion	Ratio	Lower	Upper
330	100		
332	97.6	76.9	115.3
141	27.0	21.8	32.6



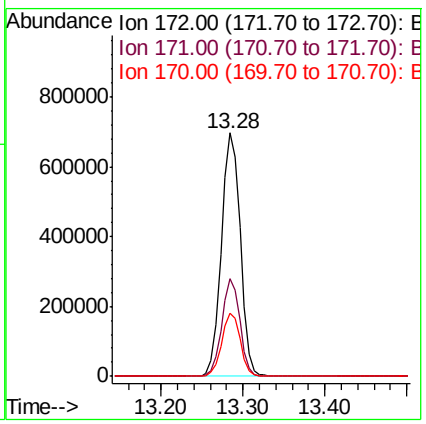


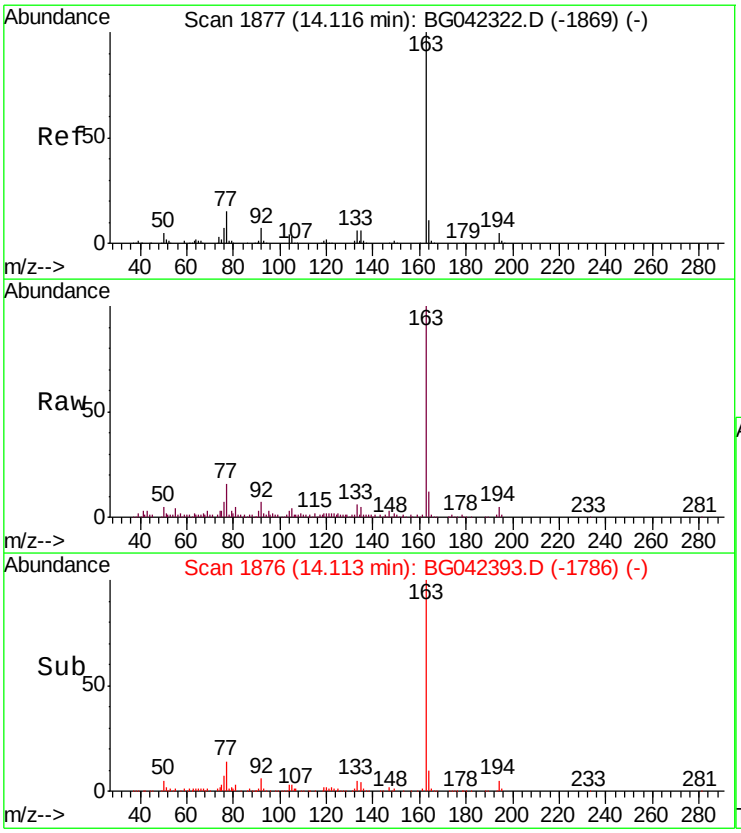
#45
2-Fluorobiphenyl
Concen: 93.087 ng
RT: 13.28 min Scan# 1735
Delta R.T. -0.00 min
Lab File: BG042393.D
Acq: 21 Aug 2019 21:16

Instrument :
BNA_G
ClientSampleId :
TMW-01

Tgt Ion:172 Resp: 1121102

Ion	Ratio	Lower	Upper
172	100		
171	40.0	30.3	45.5
170	26.0	20.0	30.0

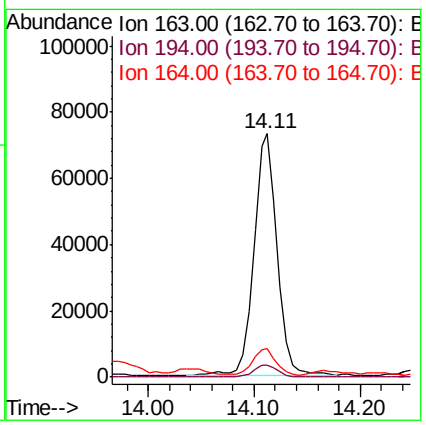


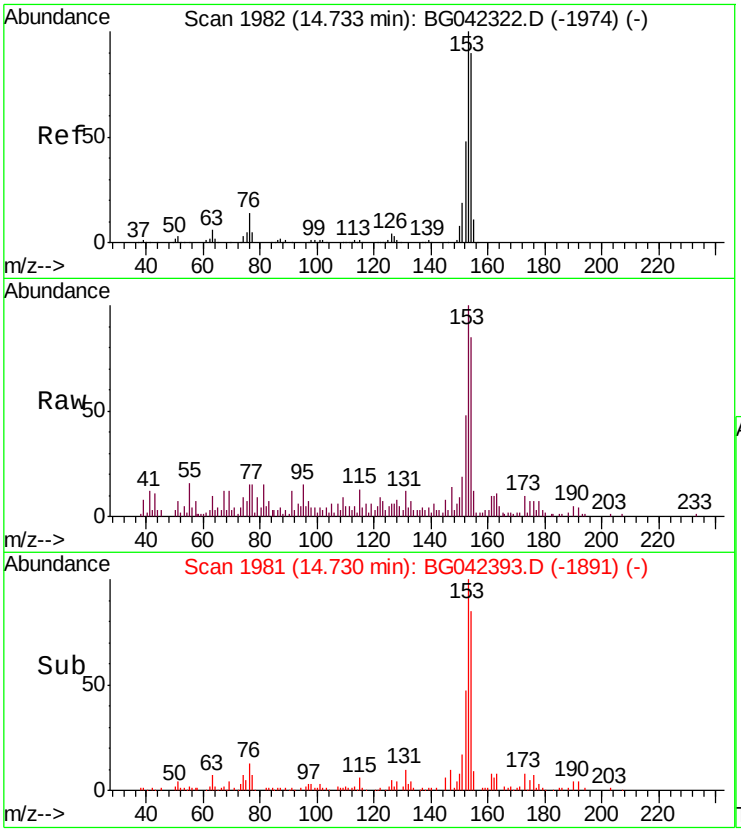


#50
Dimethylphthalate
Concen: 7.721 ng
RT: 14.11 min Scan# 1876
Delta R.T. -0.00 min
Lab File: BG042393.D
Acq: 21 Aug 2019 21:16

Tgt Ion:163 Resp: 111805

Ion	Ratio	Lower	Upper
163	100		
194	5.0	4.2	6.2
164	11.5	8.8	13.2



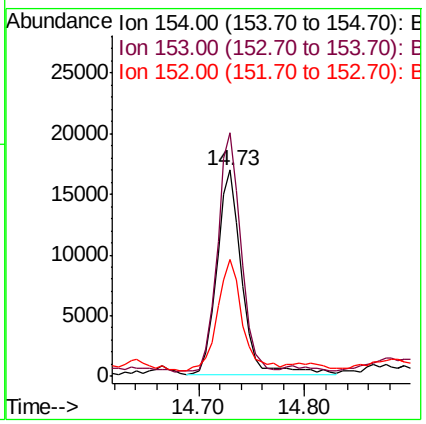


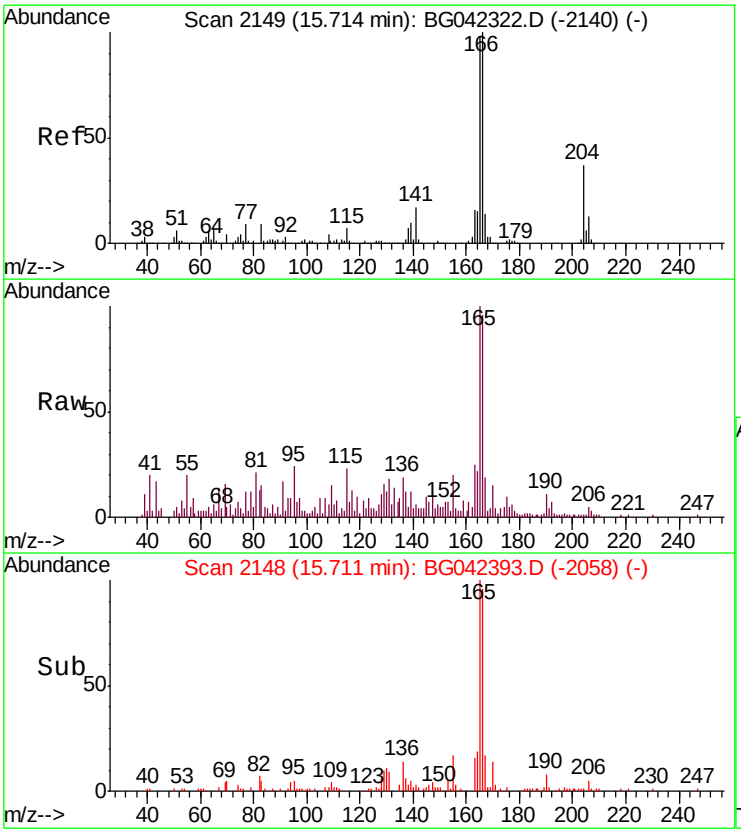
#52
Acenaphthene
Concen: 2.648 ng
RT: 14.73 min Scan# 1981
Delta R.T. -0.00 min
Lab File: BG042393.D
Acq: 21 Aug 2019 21:16

Instrument :
BNA_G
ClientSampleId :
TMW-01

Tgt Ion:154 Resp: 27531

Ion	Ratio	Lower	Upper
154	100		
153	118.0	89.4	134.0
152	56.6	43.1	64.7

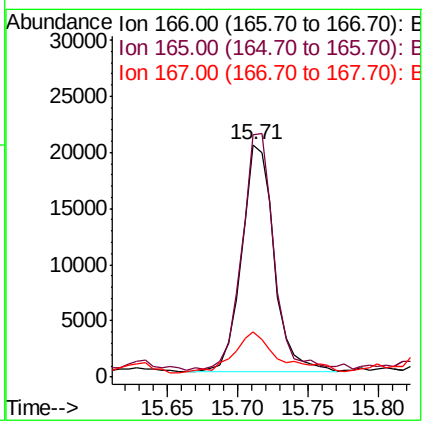


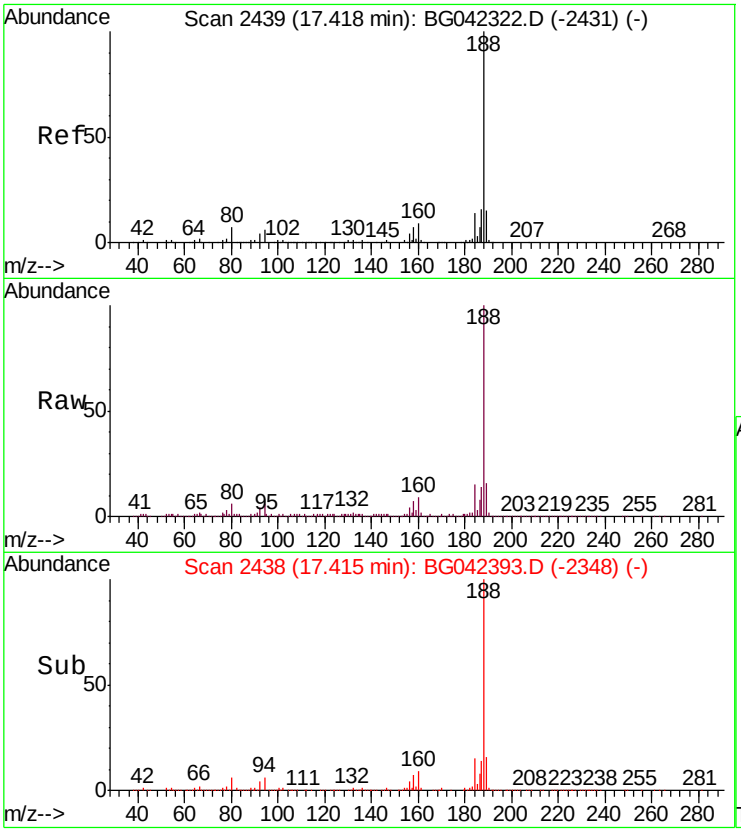


#58
Fluorene
Concen: 2.357 ng
RT: 15.71 min Scan# 2148
Delta R.T. -0.00 min
Lab File: BG042393.D
Acq: 21 Aug 2019 21:16

Tgt Ion:166 Resp: 32463

Ion	Ratio	Lower	Upper
166	100		
165	104.1	78.7	118.1
167	19.5	11.1	16.7#



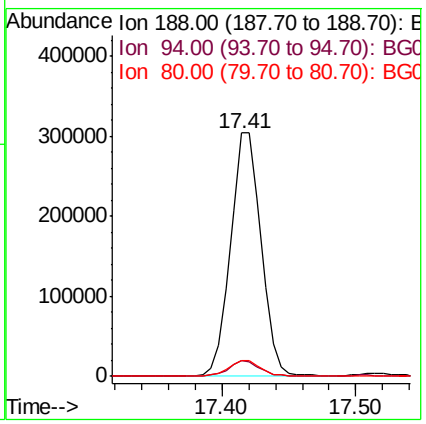


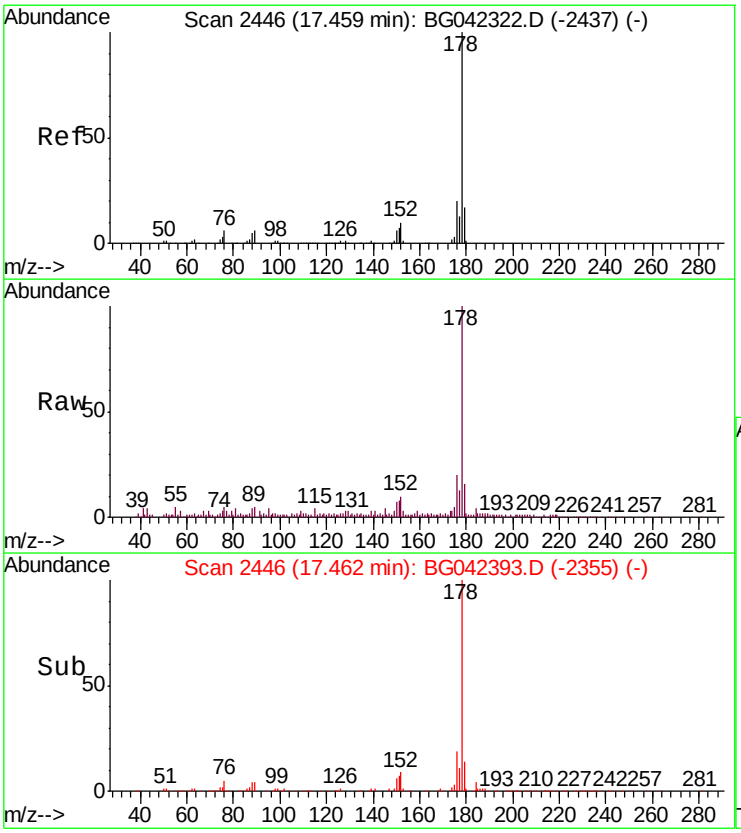
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.00 min
Lab File: BG042393.D
Acq: 21 Aug 2019 21:16

Instrument :
BNA_G
ClientSampleId :
TMW-01

Tgt Ion:188 Resp: 480208

Ion	Ratio	Lower	Upper
188	100		
94	6.3	4.9	7.3
80	6.4	5.4	8.0

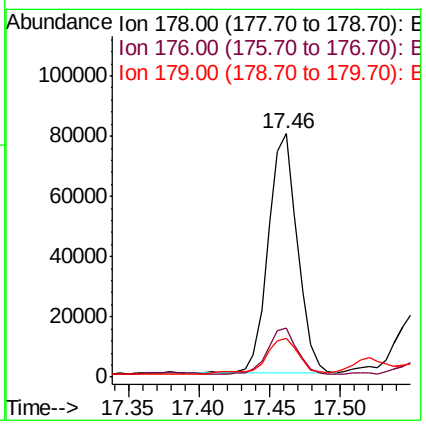


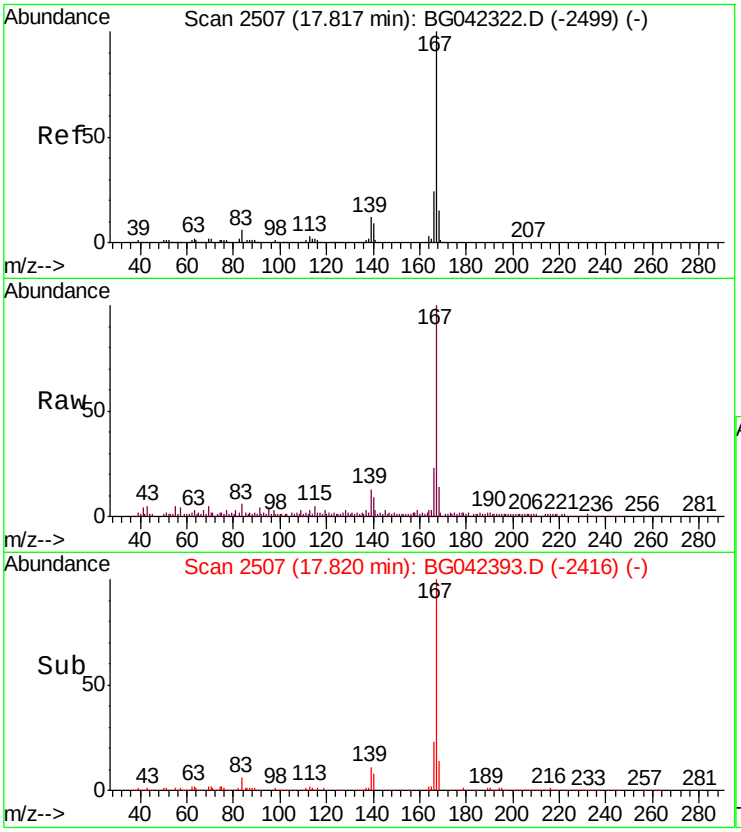


#71
Phenanthrene
Concen: 4.792 ng
RT: 17.46 min Scan# 2446
Delta R.T. 0.00 min
Lab File: BG042393.D
Acq: 21 Aug 2019 21:16

Tgt Ion:178 Resp: 114596

Ion	Ratio	Lower	Upper
178	100		
176	20.2	16.2	24.4
179	15.7	13.7	20.5



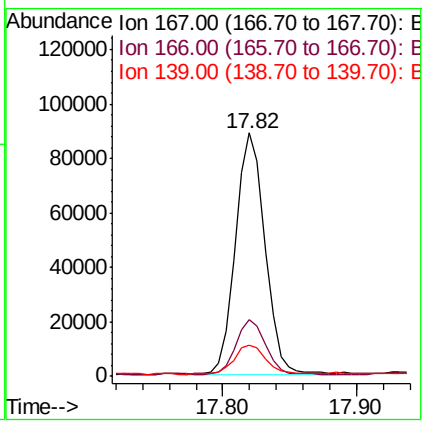


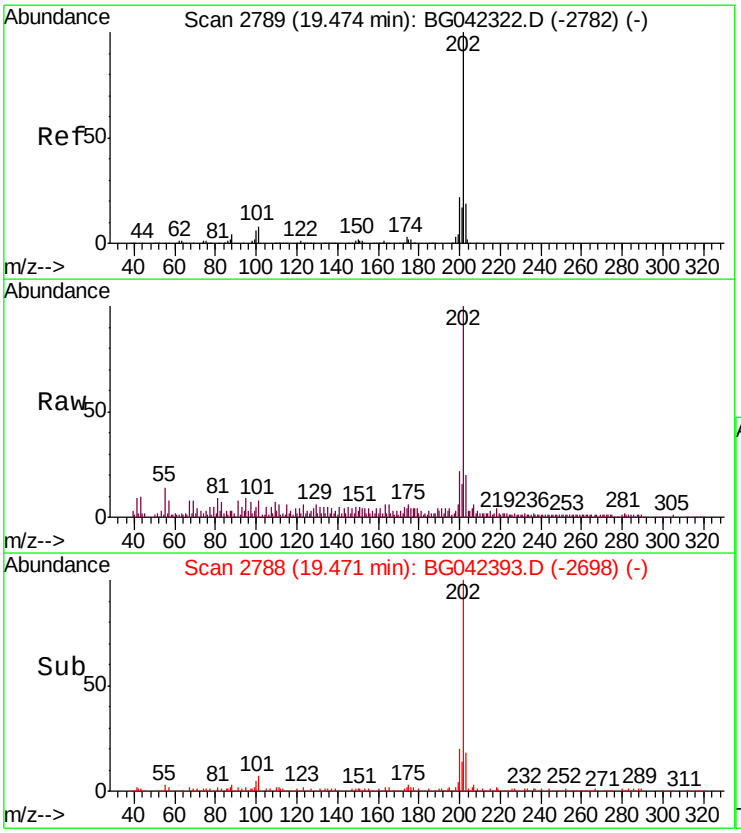
#73
Carbazole
Concen: 6.372 ng
RT: 17.82 min Scan# 2507
Delta R.T. 0.00 min
Lab File: BG042393.D
Acq: 21 Aug 2019 21:16

Instrument :
BNA_G
ClientSampleId :
TMW-01

Tgt Ion:167 Resp: 135006

Ion	Ratio	Lower	Upper
167	100		
166	23.3	19.0	28.6
139	13.0	9.7	14.5

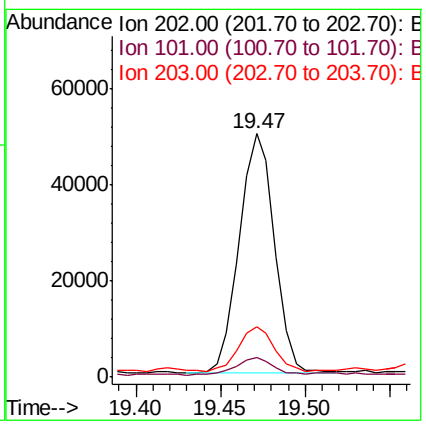


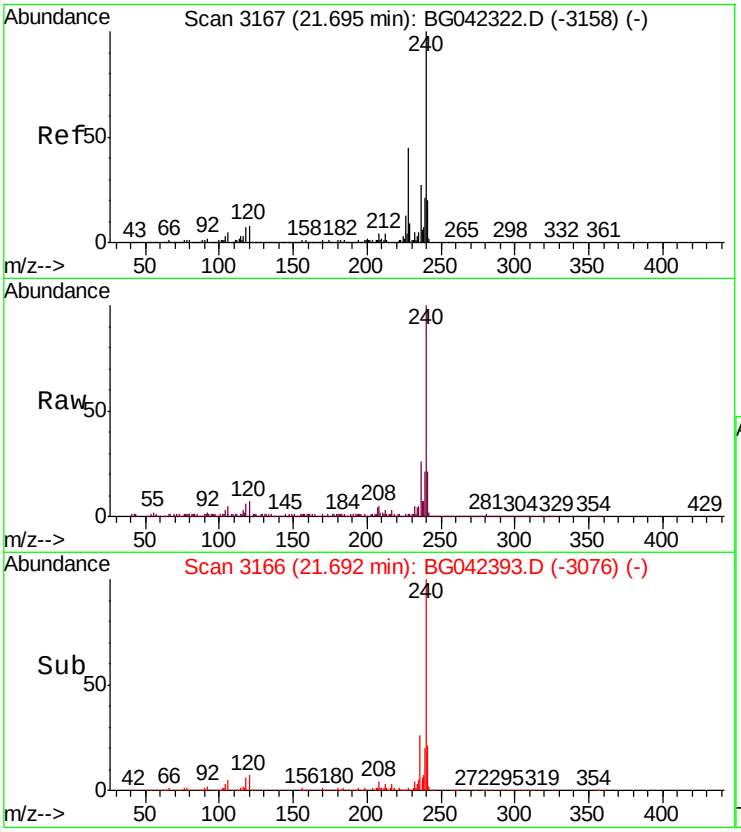


#75
Fluoranthene
Concen: 2.513 ng
RT: 19.47 min Scan# 2788
Delta R.T. -0.00 min
Lab File: BG042393.D
Acq: 21 Aug 2019 21:16

Tgt Ion:202 Resp: 72484

Ion	Ratio	Lower	Upper
202	100		
101	8.1	0.0	28.0
203	20.4	0.0	39.1



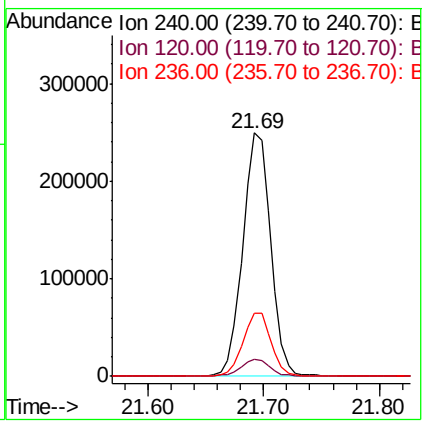


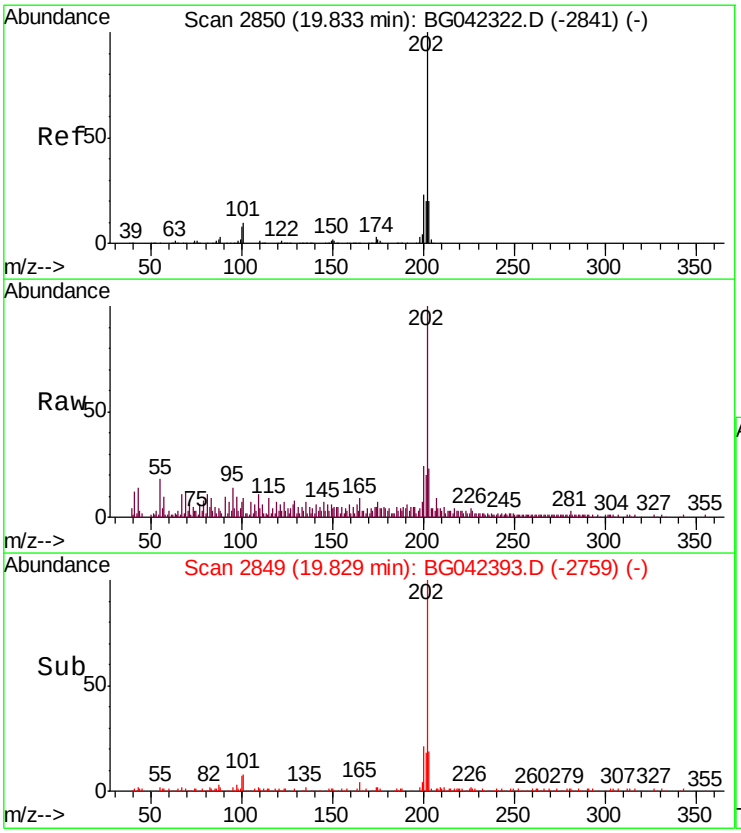
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.00 min
Lab File: BG042393.D
Acq: 21 Aug 2019 21:16

Instrument :
BNA_G
ClientSampleId :
TMW-01

Tgt Ion:240 Resp: 417932

Ion	Ratio	Lower	Upper
240	100		
120	7.0	6.0	9.0
236	26.1	21.6	32.4

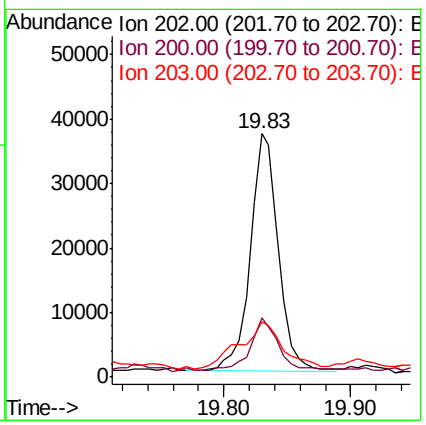


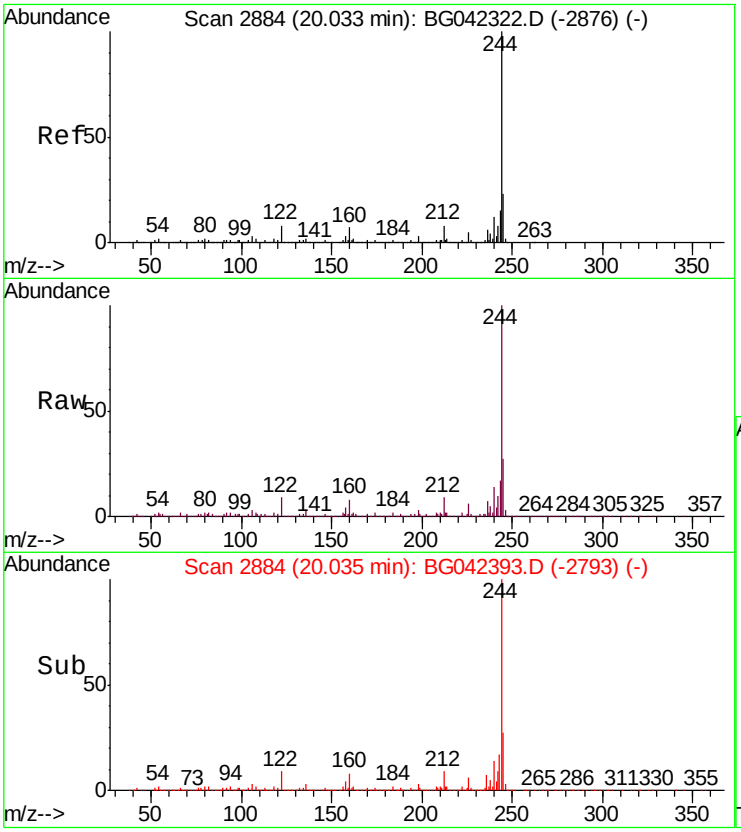


#78
Pyrene
Concen: 2.222 ng
RT: 19.83 min Scan# 2849
Delta R.T. -0.00 min
Lab File: BG042393.D
Acq: 21 Aug 2019 21:16

Tgt Ion:202 Resp: 57133

Ion	Ratio	Lower	Upper
202	100		
200	24.1	18.1	27.1
203	22.7	15.8	23.8



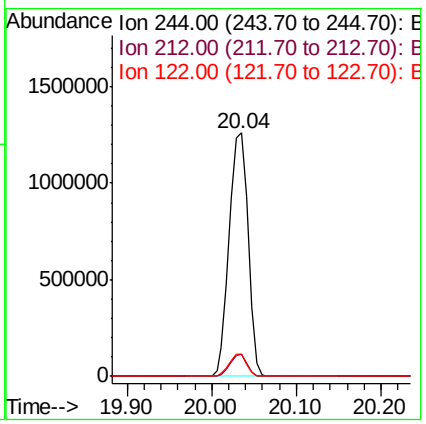


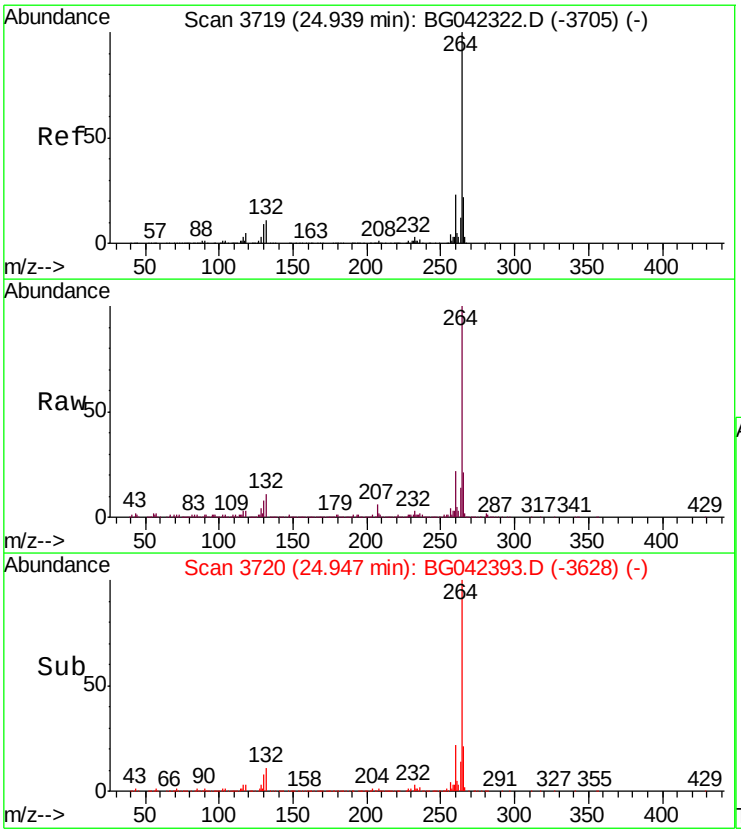
#79
Terphenyl-d14
Concen: 101.148 ng
RT: 20.04 min Scan# 2884
Delta R.T. 0.00 min
Lab File: BG042393.D
Acq: 21 Aug 2019 21:16

Instrument :
BNA_G
ClientSampleId :
TMW-01

Tgt Ion:244 Resp: 1930031

Ion	Ratio	Lower	Upper
244	100		
212	9.2	6.4	9.6
122	8.9	6.6	10.0





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.95 min Scan# 3720
Delta R.T. 0.01 min
Lab File: BG042393.D
Acq: 21 Aug 2019 21:16

Tgt Ion:264 Resp: 495652

Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.4	27.6
265	21.4	17.4	26.0