Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070519\
Data File : BG041615.D
Acq On : 5 Jul 2019 17:18
Operator : HP/JU
Sample : K3668-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SHORT-WALL-AREA

Quant Time: Jul 05 18:29:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG062619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 05 17:58:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	30972	20.00	ng		0.00
21) Naphthalene-d8	10.84	136	106738	20.00	ng		0.00
39) Acenaphthene-d10	14.66	164	77181	20.00	ng		0.00
64) Phenanthrene-d10	17.41	188	203269	20.00	ng		0.00
76) Chrysene-d12	21.68	240	231584	20.00	ng		0.00
87) Perylene-d12	24.96	264	254602	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	179182	103.14	ng		0.00
7) Phenol-d6	7.18	99	255987	104.67	ng		0.00
23) Nitrobenzene-d5	9.20	82	179621	70.19	ng		0.00
42) 2,4,6-Tribromophenol	16.16	330	154131	116.96	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	442330	73.54	ng		0.00
79) Terphenyl-d14	20.01	244	877864	80.56	ng		0.00
Target Compounds							Qvalue
50) Dimethylphthalate	14.11	163	47168	6.716	ng		98
75) Fluoranthene	19.46	202	46655	3.125	ng		99
78) Pyrene	19.83	202	44591	2.821	ng		100
88) Benzo(b)fluoranthene	23.91	252	34241	2.109	ng	#	98

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

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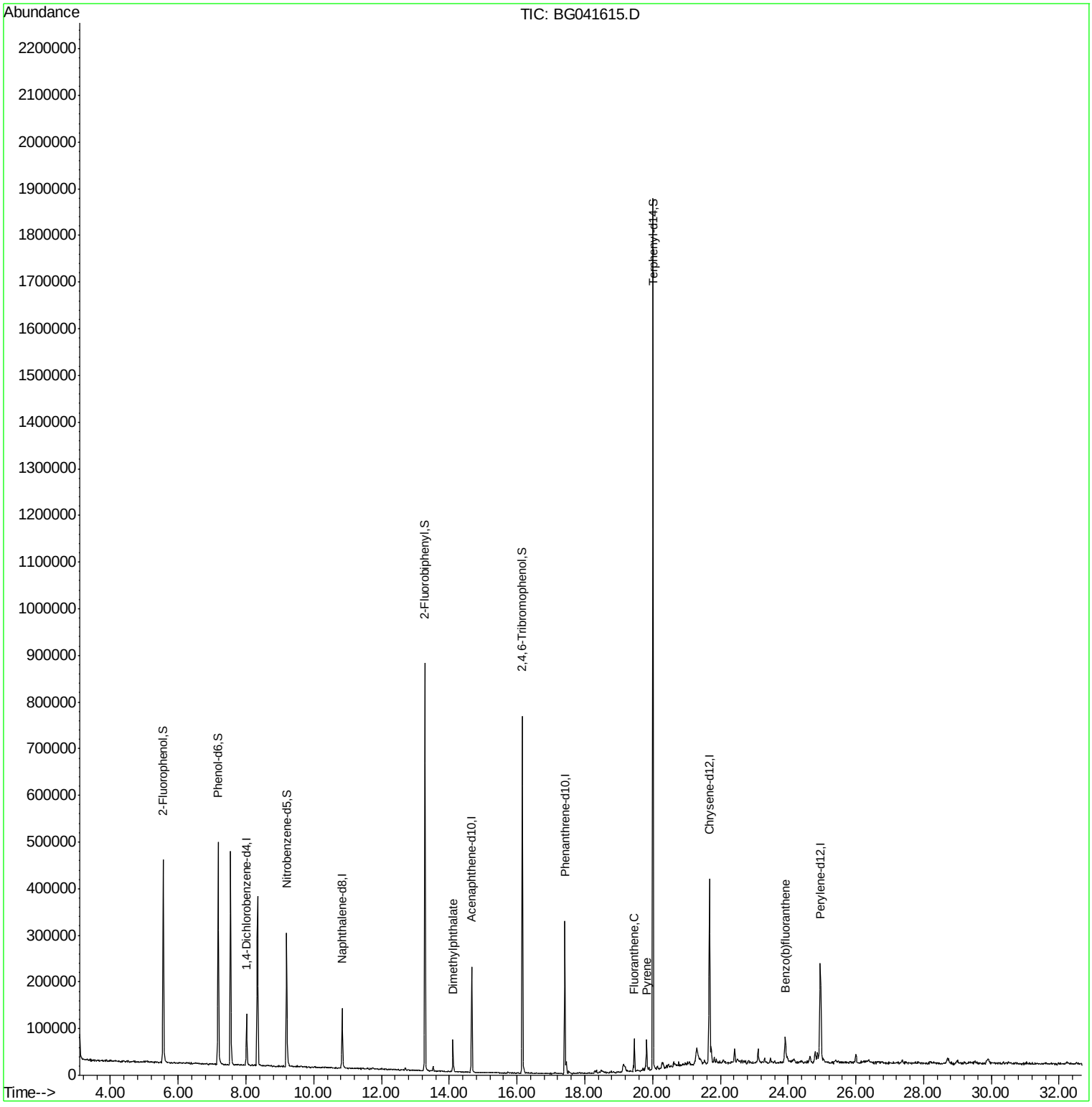
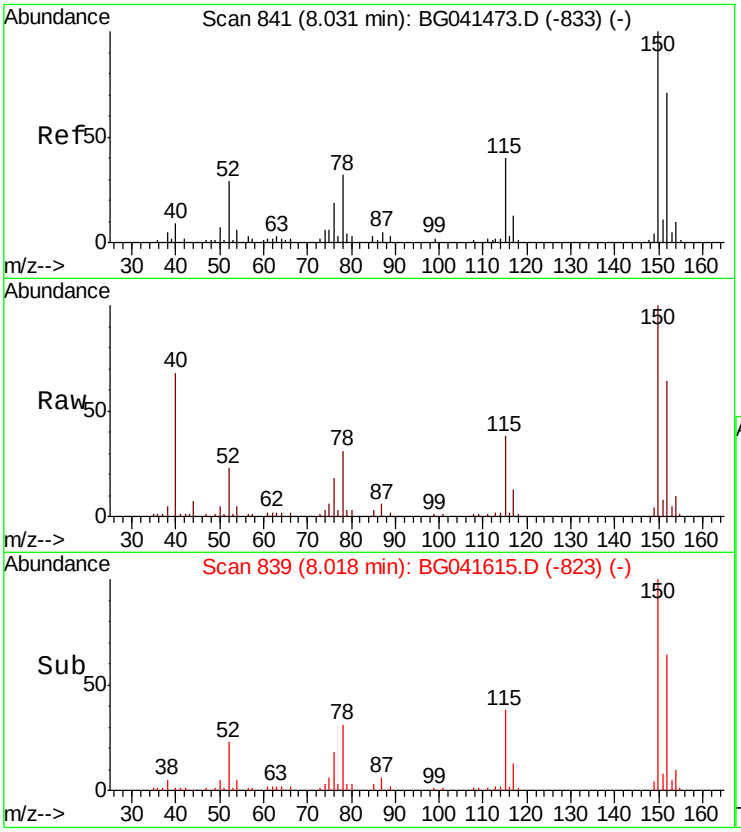


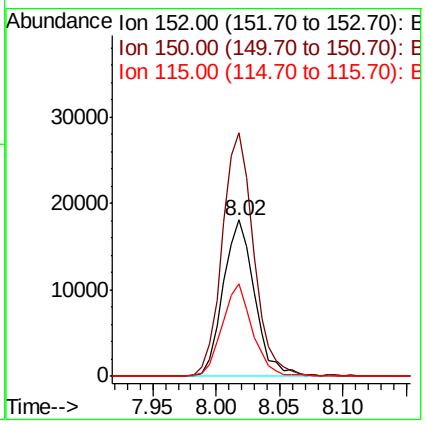


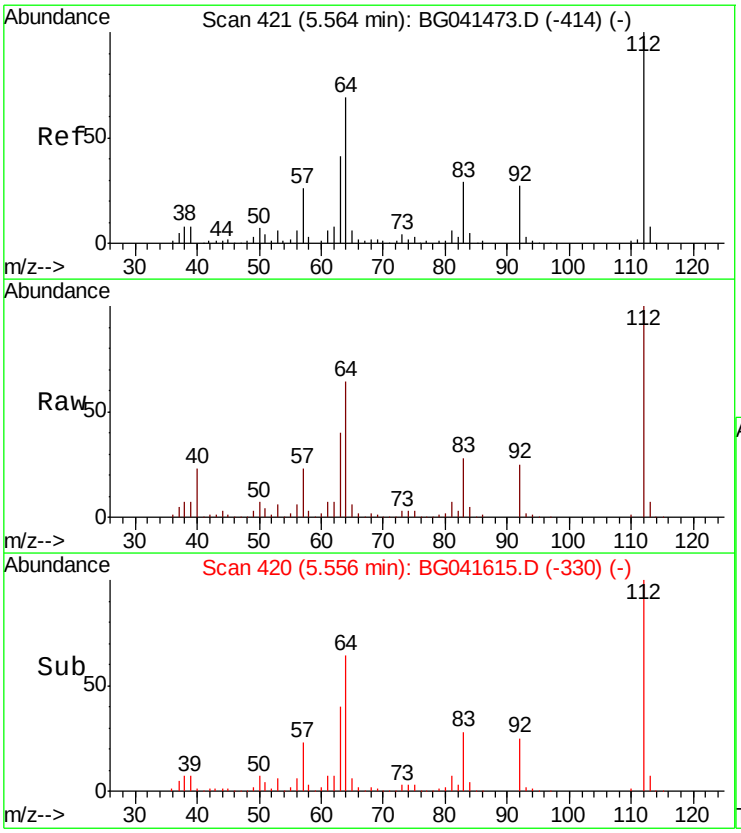
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 839
Delta R.T. -0.00 min
Lab File: BG041615.D
Acq: 5 Jul 2019 17:18

Instrument :
BNA_G
ClientSampleId :
SHORT-WALL-AREA

Tgt Ion:152 Resp: 30972

Ion	Ratio	Lower	Upper
152	100		
150	155.7	118.3	177.5
115	58.8	44.0	66.0

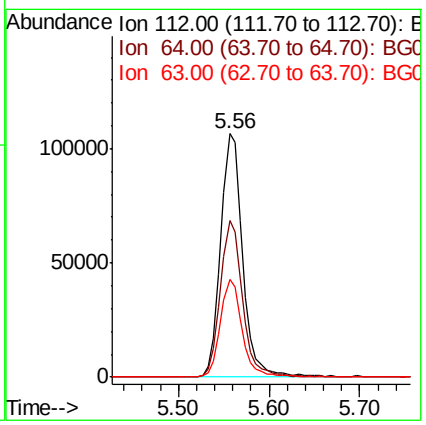


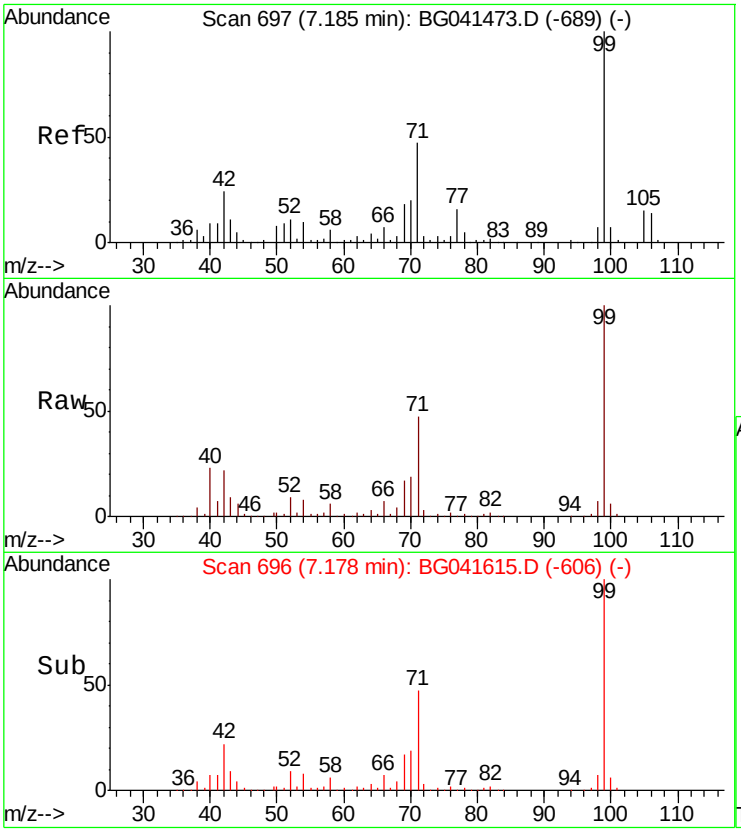


#5
2-Fluorophenol
Concen: 103.143 ng
RT: 5.56 min Scan# 420
Delta R.T. 0.00 min
Lab File: BG041615.D
Acq: 5 Jul 2019 17:18

Tgt Ion:112 Resp: 179182

Ion	Ratio	Lower	Upper
112	100		
64	64.3	52.4	78.6
63	40.0	32.2	48.2



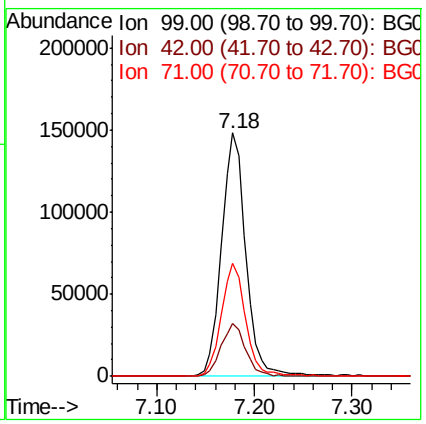


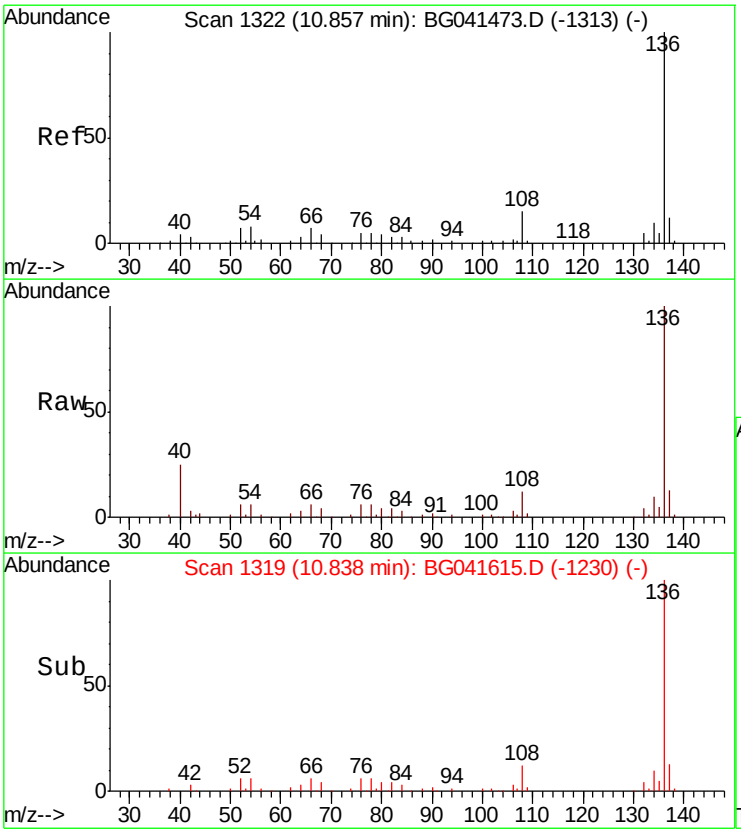
#7
Phenol-d6
Concen: 104.675 ng
RT: 7.18 min Scan# 696
Delta R.T. 0.00 min
Lab File: BG041615.D
Acq: 5 Jul 2019 17:18

Instrument :
BNA_G
ClientSampleId :
SHORT-WALL-AREA

Tgt Ion: 99 Resp: 255987

Ion	Ratio	Lower	Upper
99	100		
42	21.6	18.2	27.4
71	46.6	37.4	56.2

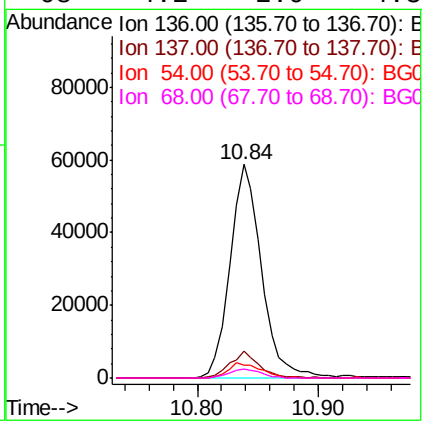


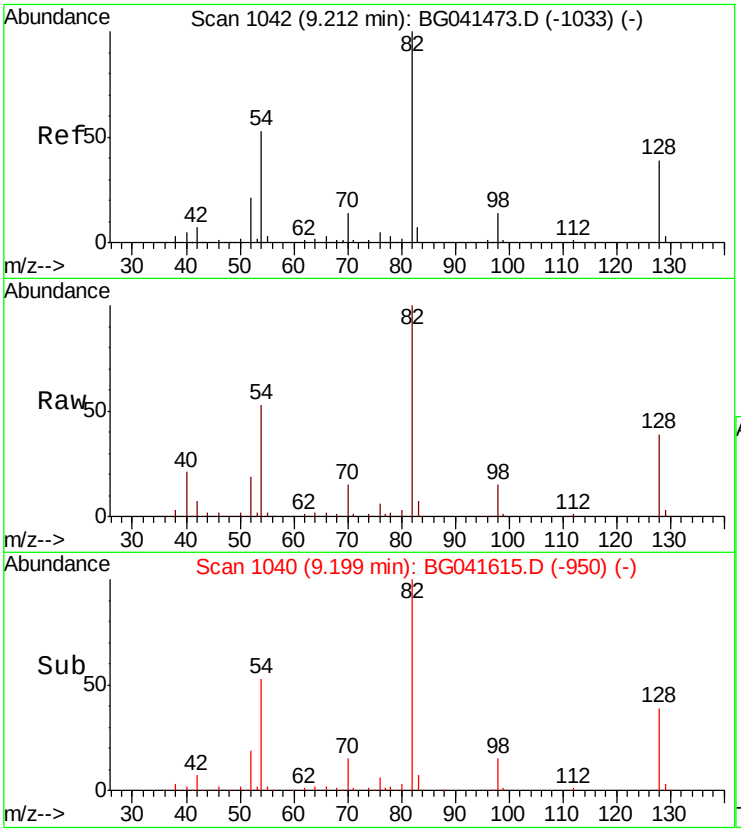


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1319
Delta R.T. -0.00 min
Lab File: BG041615.D
Acq: 5 Jul 2019 17:18

Tgt Ion:136 Resp: 106738

Ion	Ratio	Lower	Upper
136	100		
137	12.8	9.4	14.2
54	6.3	6.0	9.0
68	4.2	2.9	4.3



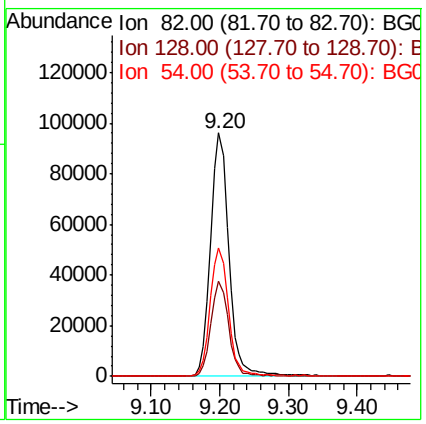


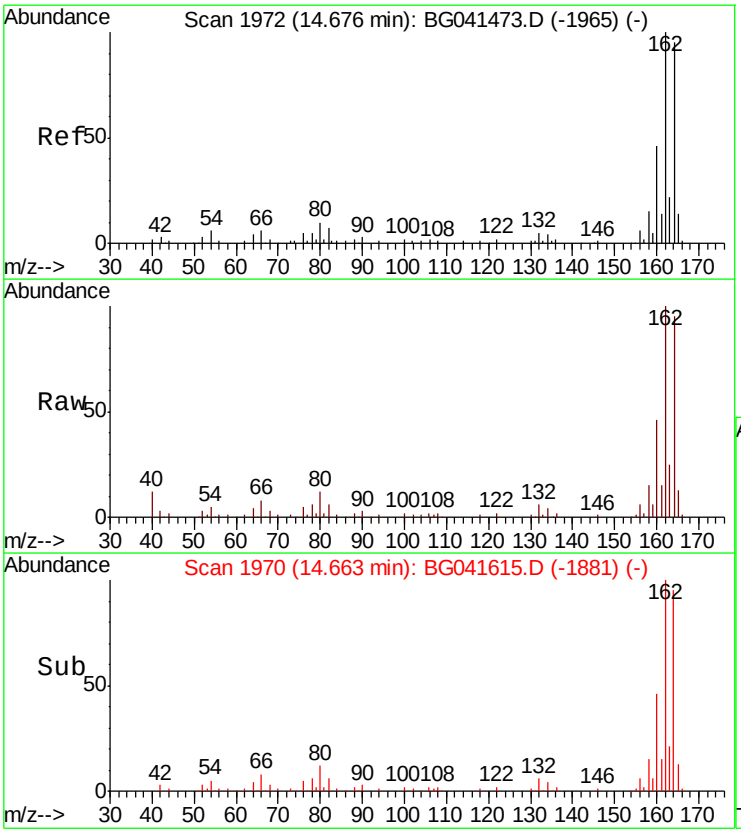
#23
Nitrobenzene-d5
Concen: 70.185 ng
RT: 9.20 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BG041615.D
Acq: 5 Jul 2019 17:18

Instrument :
BNA_G
ClientSampleId :
SHORT-WALL-AREA

Tgt Ion: 82 Resp: 179621

Ion	Ratio	Lower	Upper
82	100		
128	38.9	29.5	44.3
54	52.8	42.2	63.2

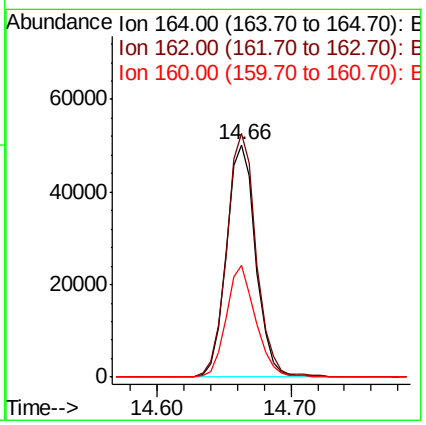


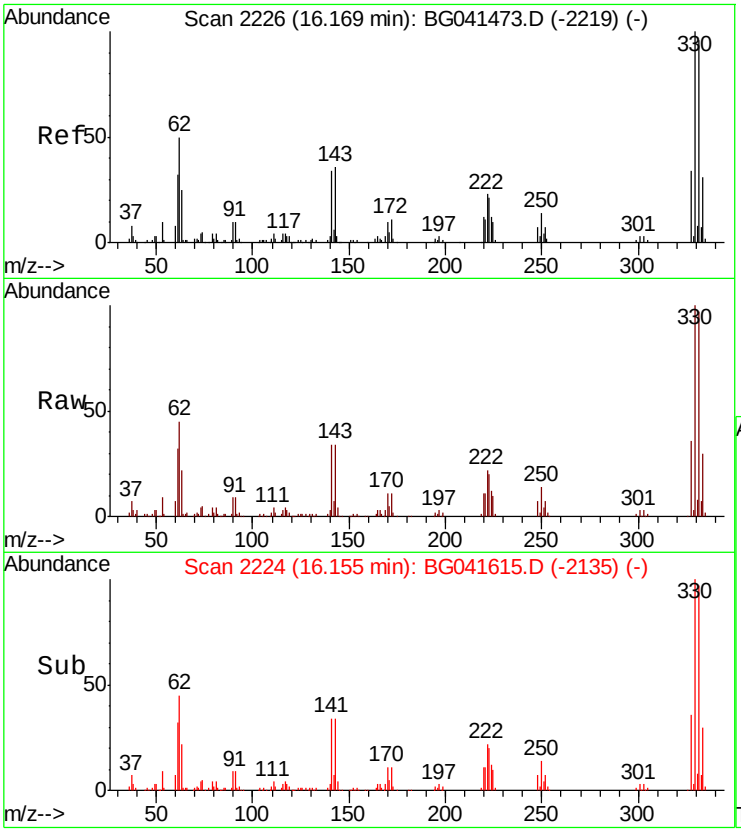


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.00 min
Lab File: BG041615.D
Acq: 5 Jul 2019 17:18

Tgt Ion:164 Resp: 77181

Ion	Ratio	Lower	Upper
164	100		
162	104.8	83.0	124.4
160	48.3	34.2	51.4



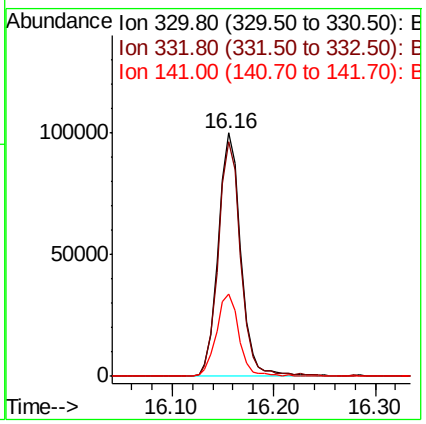


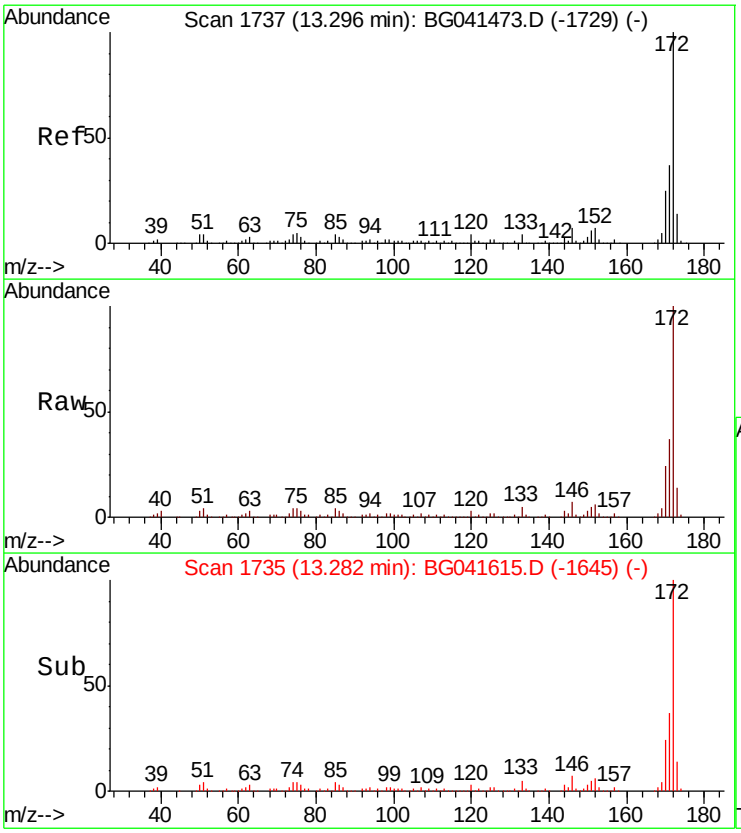
#42
2,4,6-Tribromophenol
Concen: 116.959 ng
RT: 16.16 min Scan# 2224
Delta R.T. -0.00 min
Lab File: BG041615.D
Acq: 5 Jul 2019 17:18

Instrument :
BNA_G
ClientSampleId :
SHORT-WALL-AREA

Tgt Ion:330 Resp: 154131

Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.9	115.3
141	34.1	28.4	42.6

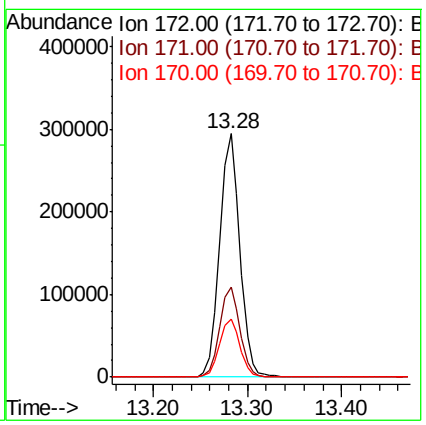


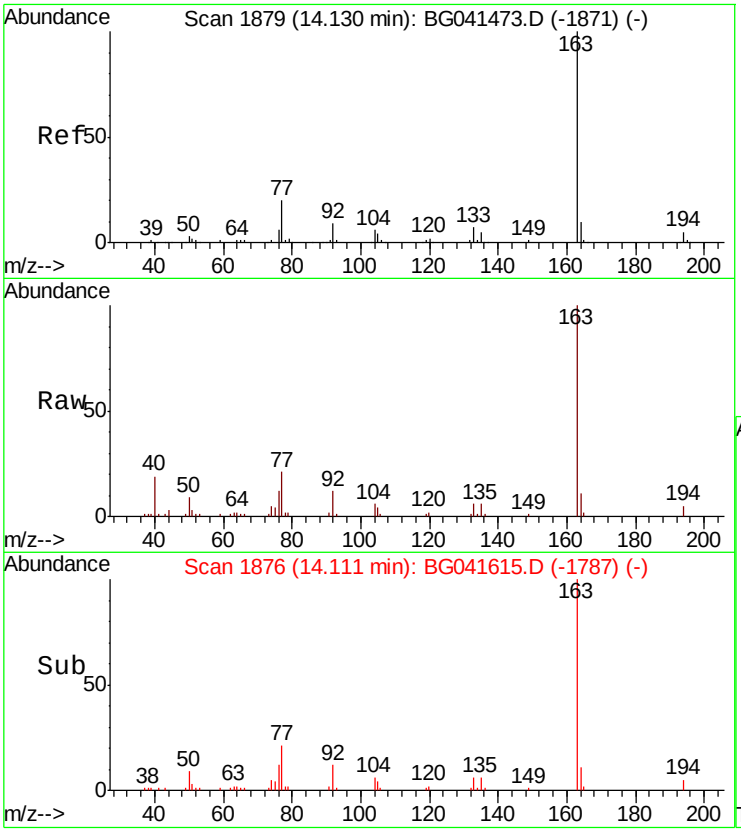


#45
2-Fluorobiphenyl
Concen: 73.545 ng
RT: 13.28 min Scan# 1735
Delta R.T. 0.00 min
Lab File: BG041615.D
Acq: 5 Jul 2019 17:18

Tgt Ion:172 Resp: 442330

Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.9	46.3
170	24.1	20.0	30.0



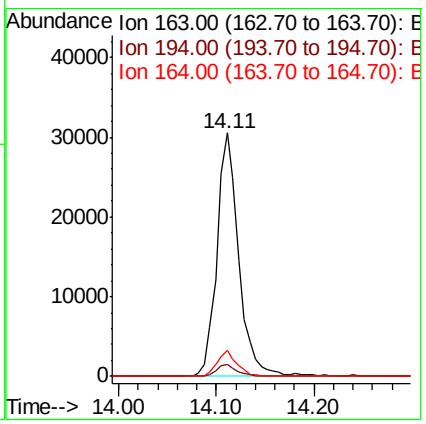


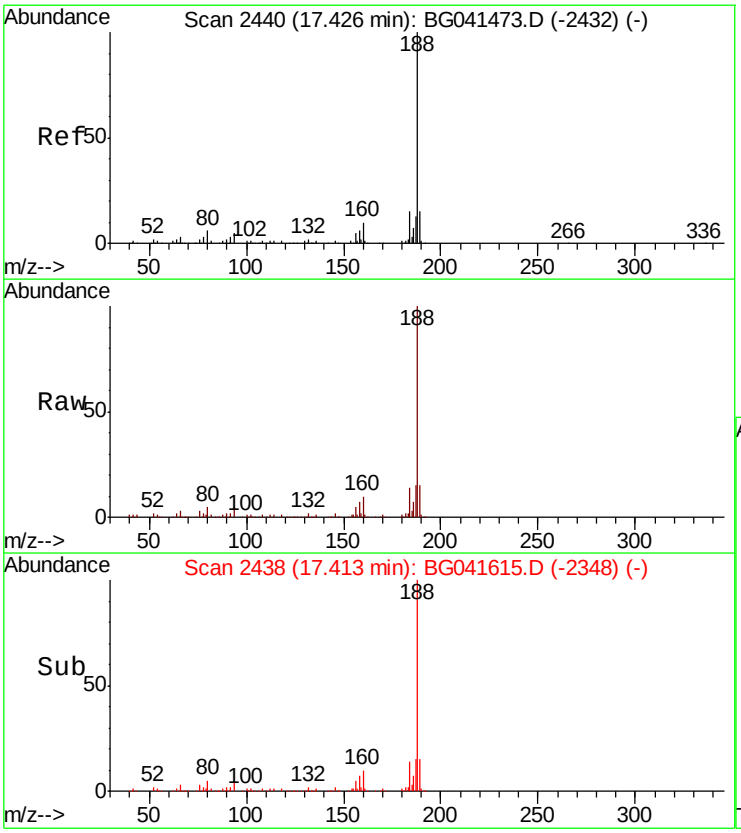
#50
Dimethylphthalate
Concen: 6.716 ng
RT: 14.11 min Scan# 1876
Delta R.T. -0.00 min
Lab File: BG041615.D
Acq: 5 Jul 2019 17:18

Instrument :
BNA_G
ClientSampleId :
SHORT-WALL-AREA

Tgt Ion:163 Resp: 47168

Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.9	5.9
164	10.8	8.0	12.0

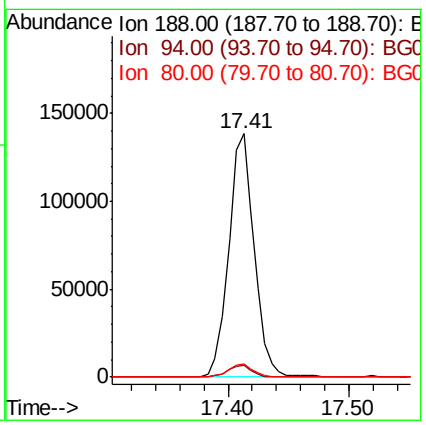


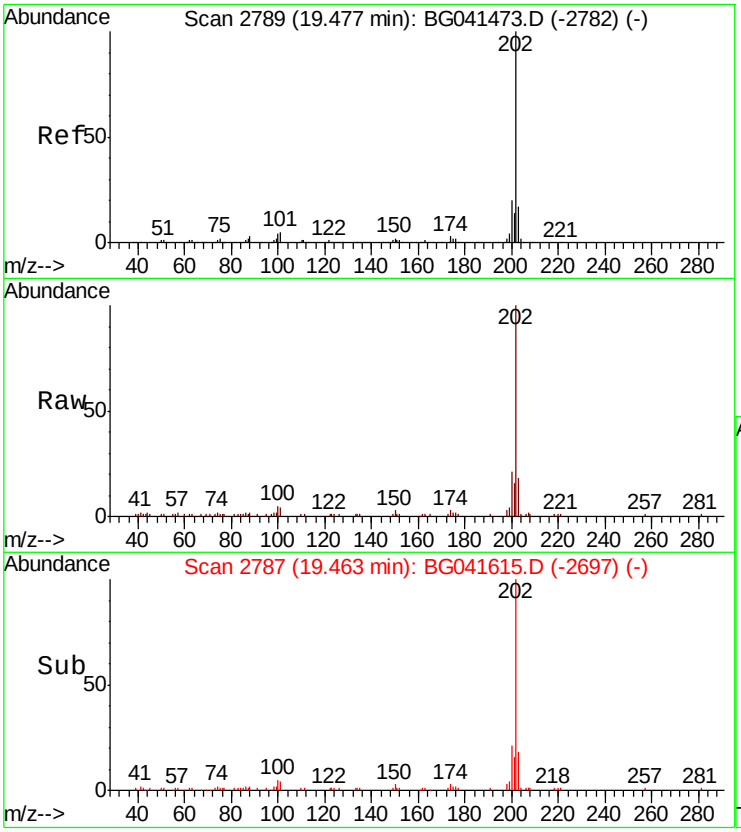


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2438
Delta R.T. 0.00 min
Lab File: BG041615.D
Acq: 5 Jul 2019 17:18

Tgt Ion:188 Resp: 203269

Ion	Ratio	Lower	Upper
188	100		
94	5.0	3.3	4.9#
80	5.3	5.0	7.4



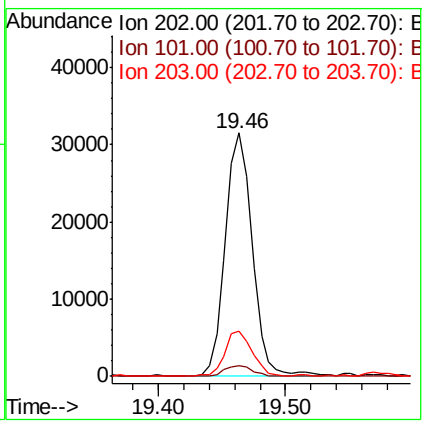


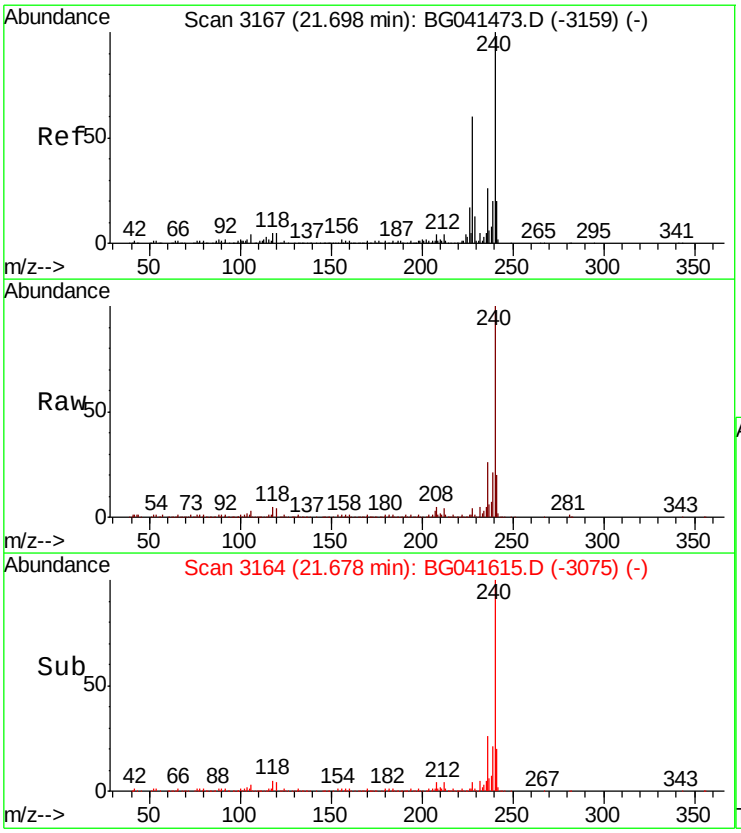
#75
Fluoranthene
Concen: 3.125 ng
RT: 19.46 min Scan# 2787
Delta R.T. 0.00 min
Lab File: BG041615.D
Acq: 5 Jul 2019 17:18

Instrument :
BNA_G
ClientSampleId :
SHORT-WALL-AREA

Tgt Ion:202 Resp: 46655

Ion	Ratio	Lower	Upper
202	100		
101	4.3	0.0	24.6
203	18.5	0.0	39.2

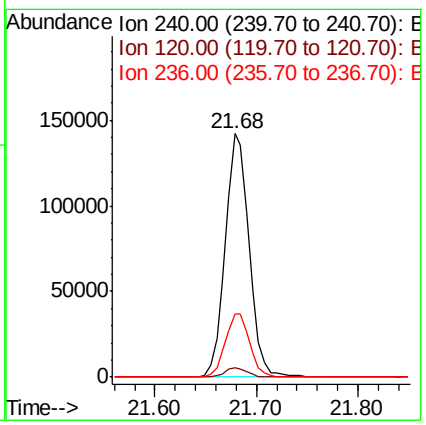


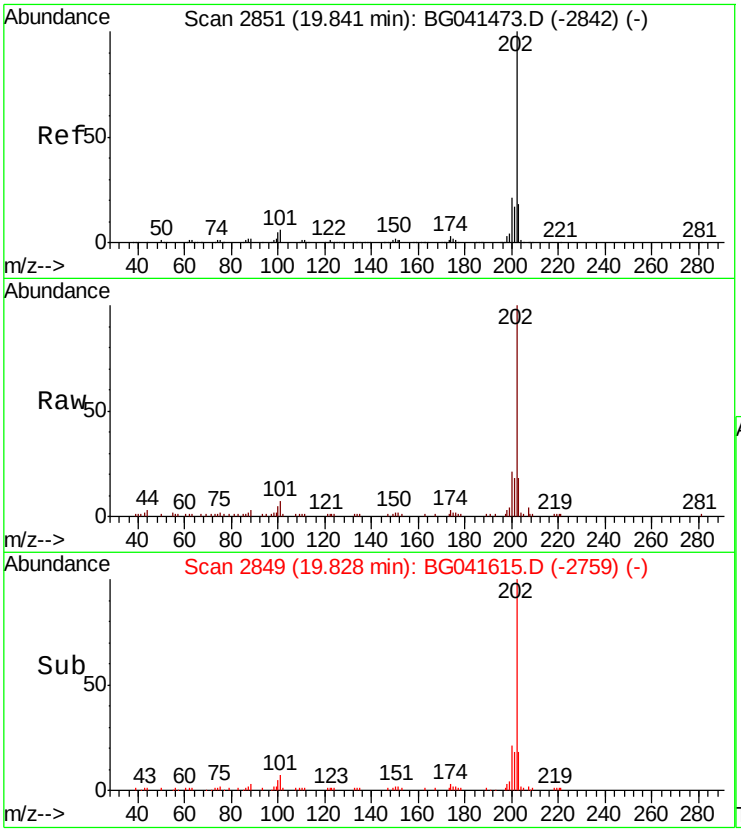


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3164
Delta R.T. -0.00 min
Lab File: BG041615.D
Acq: 5 Jul 2019 17:18

Tgt Ion:240 Resp: 231584

Ion	Ratio	Lower	Upper
240	100		
120	3.7	3.9	5.9#
236	25.7	20.6	30.8



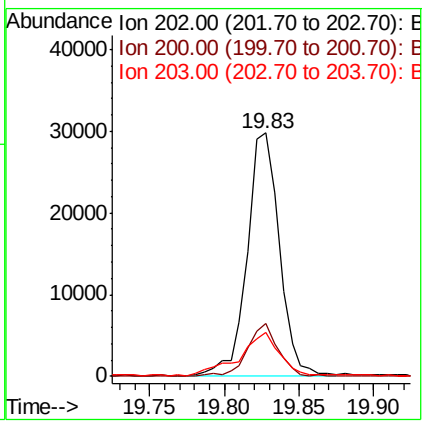


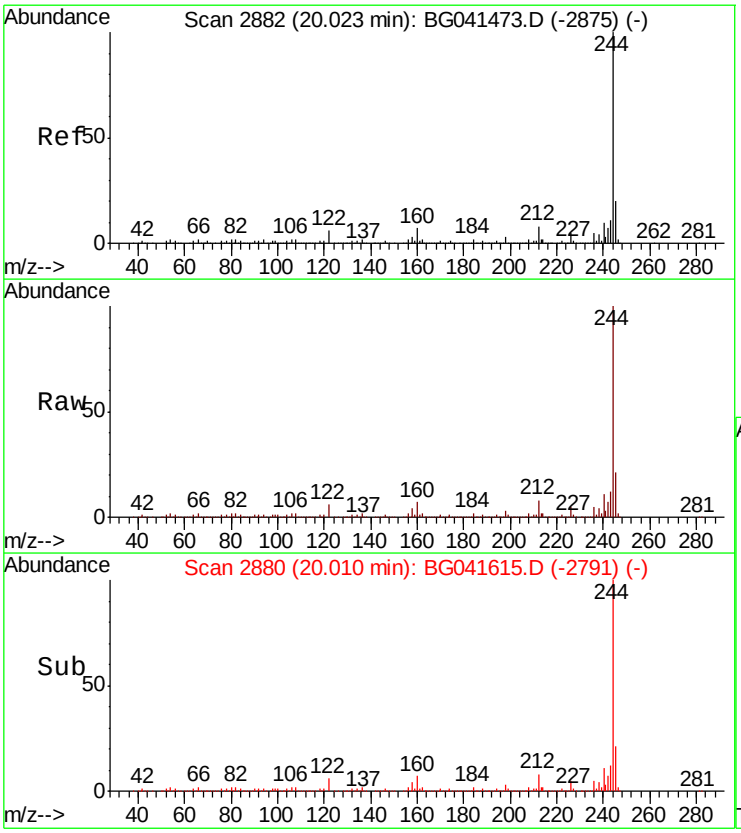
#78
Pyrene
Concen: 2.821 ng
RT: 19.83 min Scan# 2849
Delta R.T. 0.00 min
Lab File: BG041615.D
Acq: 5 Jul 2019 17:18

Instrument :
BNA_G
ClientSampleId :
SHORT-WALL-AREA

Tgt Ion:202 Resp: 44591

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.0	25.4
203	18.1	14.6	21.8

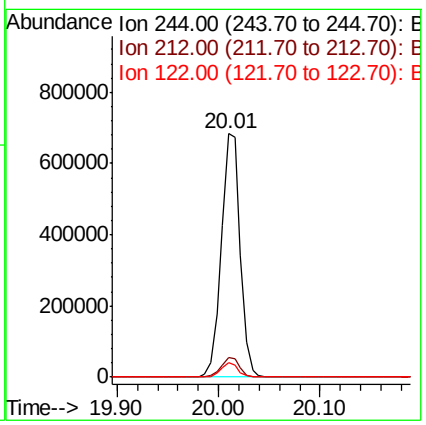


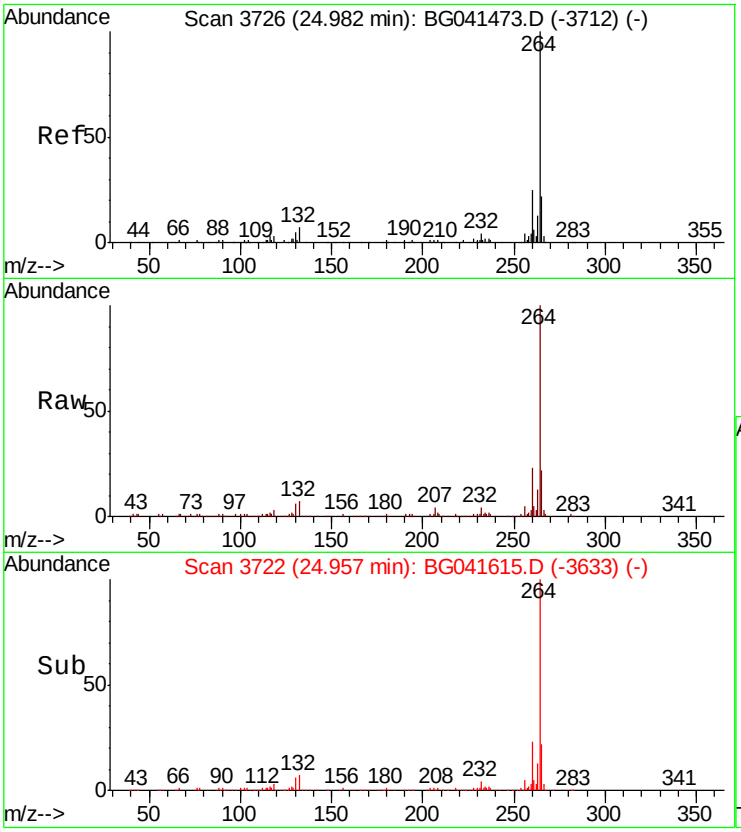


#79
Terphenyl-d14
Concen: 80.555 ng
RT: 20.01 min Scan# 2880
Delta R.T. -0.00 min
Lab File: BG041615.D
Acq: 5 Jul 2019 17:18

Tgt Ion:244 Resp: 877864

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.2	9.2
122	5.9	4.0	6.0



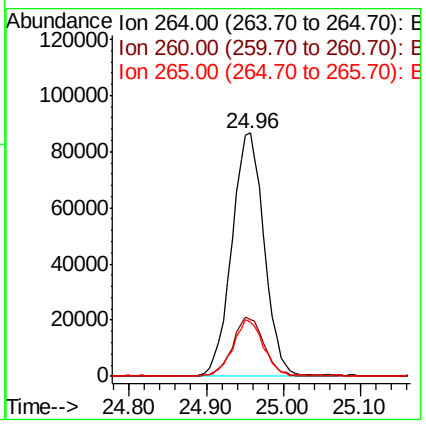


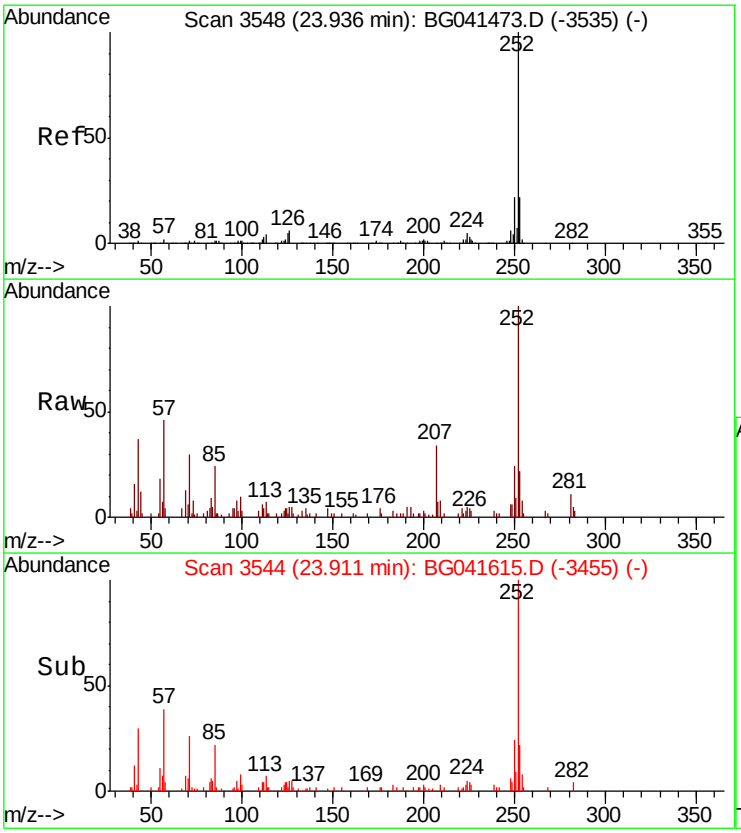
#87
Perylene-d12
Concen: 20.000 ng
RT: 24.96 min Scan# 3722
Delta R.T. -0.00 min
Lab File: BG041615.D
Acq: 5 Jul 2019 17:18

Instrument :
BNA_G
ClientSampleId :
SHORT-WALL-AREA

Tgt Ion:264 Resp: 254602

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.6	27.8
265	22.0	16.7	25.1





#88
Benzo(b)fluoranthene
Concen: 2.109 ng
RT: 23.91 min Scan# 3544
Delta R.T. -0.00 min
Lab File: BG041615.D
Acq: 5 Jul 2019 17:18

Tgt Ion:252 Resp: 34241

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.2	25.8
125	6.3	3.5	5.3#