

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060319\
 Data File : BG041042.D
 Acq On : 3 Jun 2019 20:03
 Operator : HP/JU
 Sample : K3097-13
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 0433-HR-13(HACKENSACK)

Manual Integrations
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 6/5/2019 8:35:27 AM

Quant Time: Jun 04 09:45:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 18:39:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	67661	20.00	ng	-0.01
21) Naphthalene-d8	10.94	136	277938	20.00	ng	-0.01
39) Acenaphthene-d10	14.75	164	193377	20.00	ng	0.00
64) Phenanthrene-d10	17.49	188	453240	20.00	ng	0.00
76) Chrysene-d12	21.77	240	446217	20.00	ng	-0.01
87) Perylene-d12	25.10	264	486461	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	491693	131.04	ng	0.00
7) Phenol-d6	7.27	99	727059	125.46	ng	0.00
23) Nitrobenzene-d5	9.30	82	496300	79.27	ng	0.00
42) 2,4,6-Tribromophenol	16.24	330	356252	124.09	ng	0.00
45) 2-Fluorobiphenyl	13.37	172	880577	65.58	ng	-0.01
79) Terphenyl-d14	20.09	244	1266372	60.23	ng	-0.01
Target Compounds						
10) Phenol	7.29	94	24894	4.007	ng	75
50) Dimethylphthalate	14.19	163	141093	8.619	ng	99
75) Fluoranthene	19.53	202	165739	5.684	ng	99
78) Pyrene	19.90	202	152536	5.259	ng	96
81) Benzo(a)anthracene	21.75	228	143226	4.822	ng	94
83) Chrysene	21.82	228	119615	4.208	ng	99
88) Benzo(b)fluoranthene	24.04	252	154342	5.231	ng	97
90) Benzo(a)pyrene	24.94	252	107811	3.830	ng	97

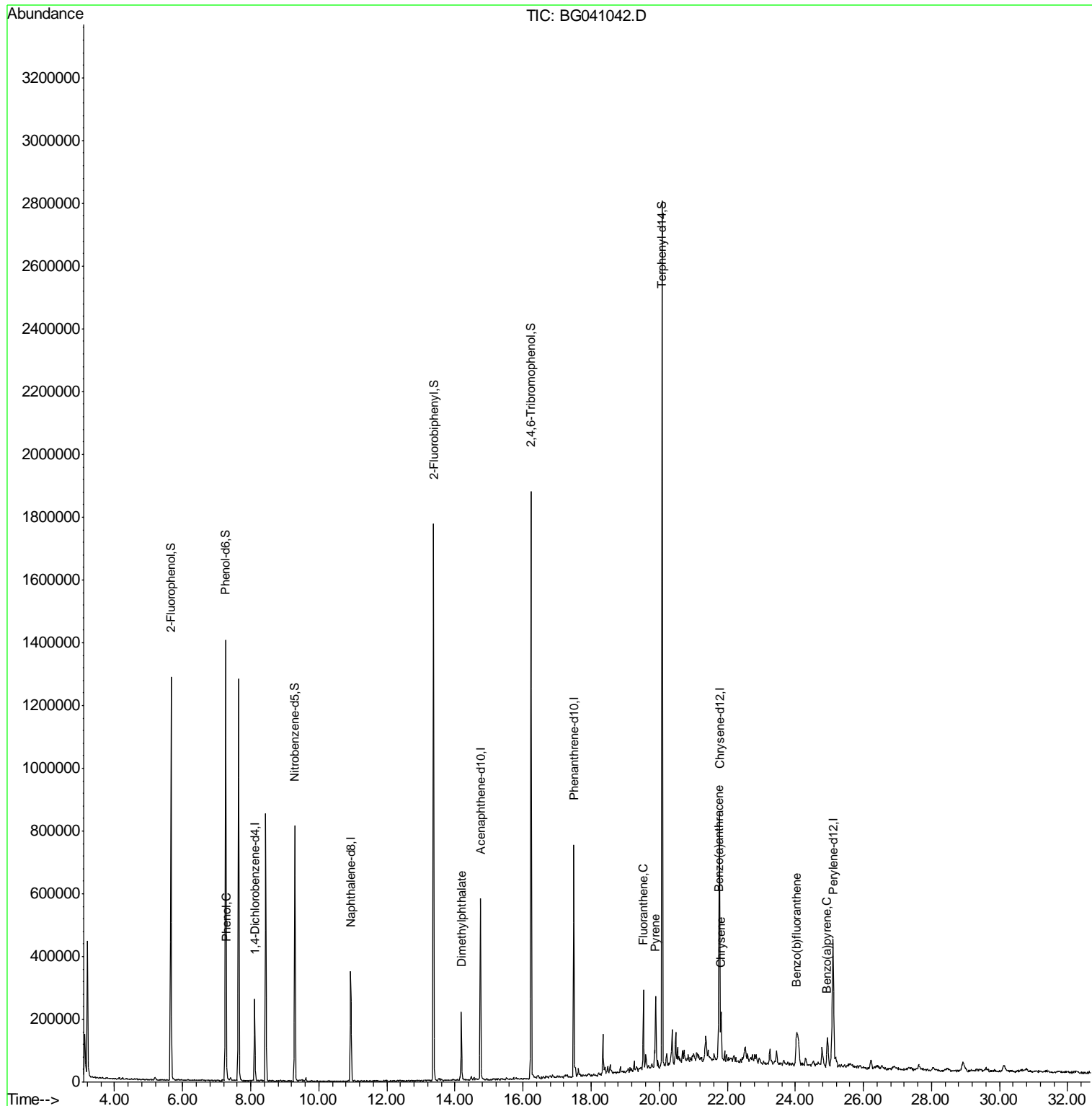
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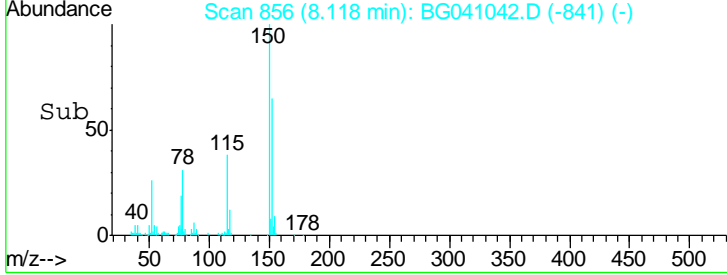
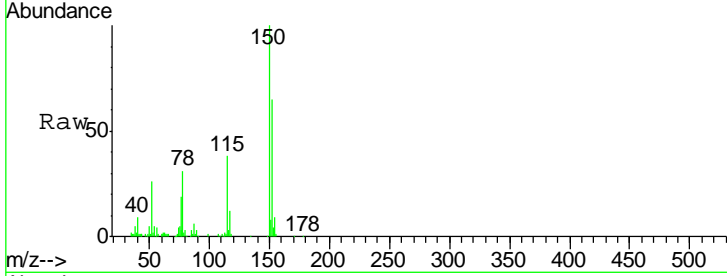
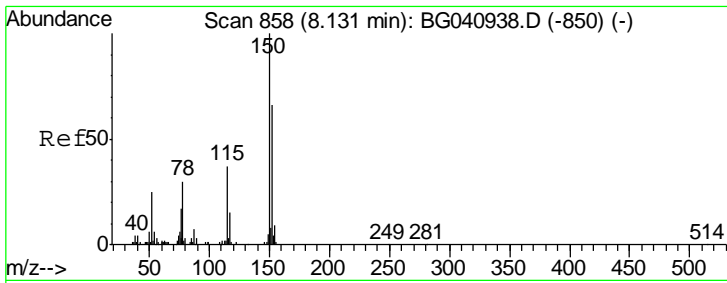
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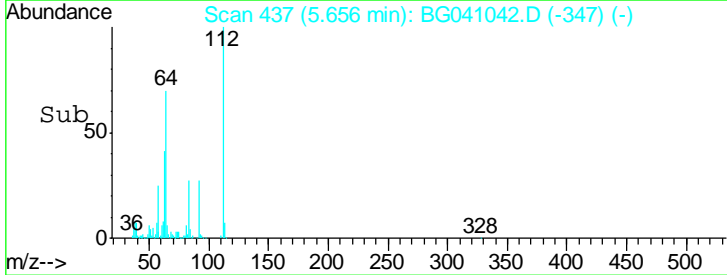
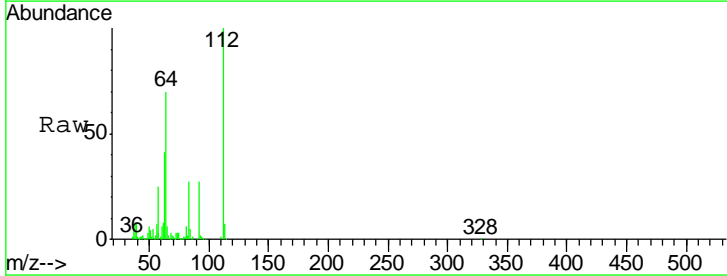
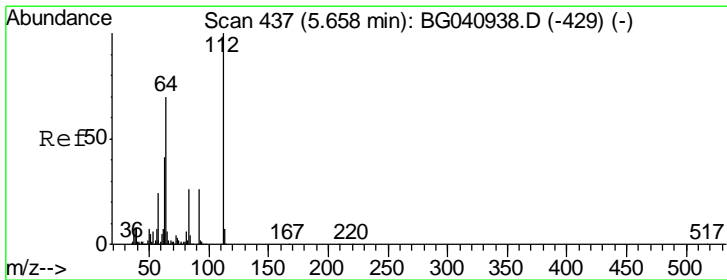
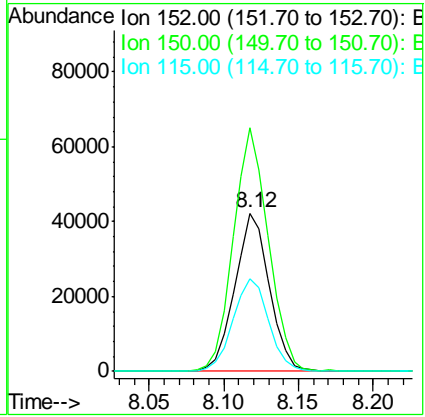


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.12 min Scan# 856
 Delta R.T. -0.01 min
 Lab File: BG041042.D
 Acq: 3 Jun 2019 20:03

Tgt Ion	Resp	Lower	Upper
152	67661		
152	100		
150	153.9	120.6	180.8
115	58.4	45.1	67.7

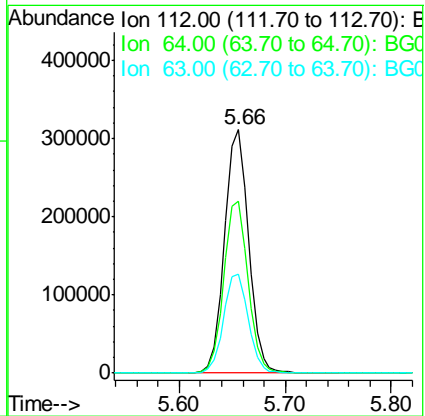
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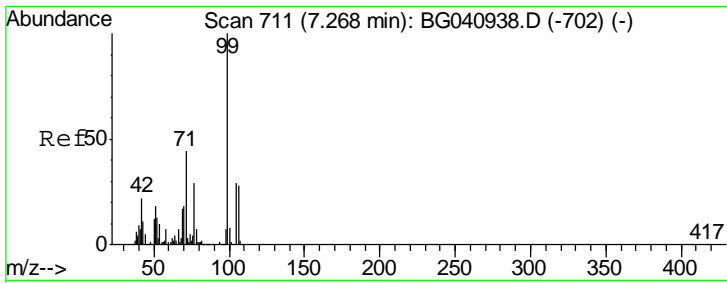
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#5
 2-Fluorophenol
 Concen: 131.040 ng
 RT: 5.66 min Scan# 437
 Delta R.T. -0.00 min
 Lab File: BG041042.D
 Acq: 3 Jun 2019 20:03

Tgt Ion	Resp	Lower	Upper
112	491693		
112	100		
64	70.4	56.2	84.2
63	40.7	32.8	49.2





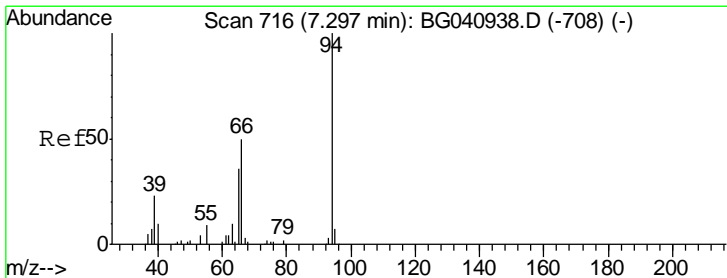
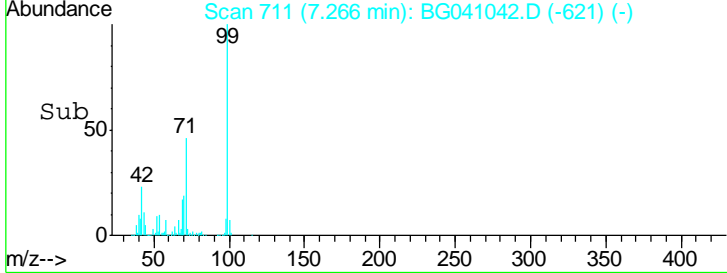
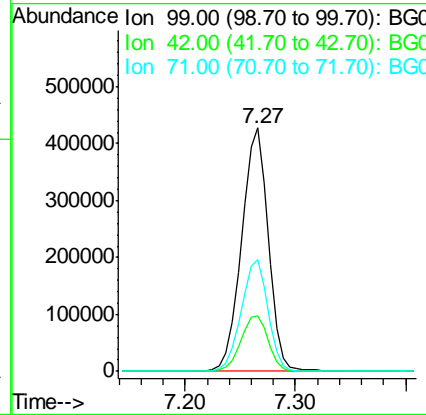
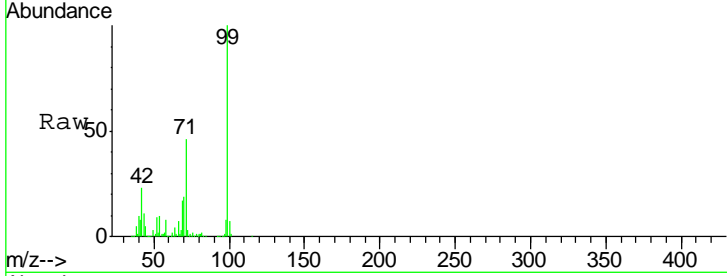
#7
 Phenol-d6
 Concen: 125.464 ng
 RT: 7.27 min Scan# 711
 Delta R.T. -0.00 min
 Lab File: BG041042.D
 Acq: 3 Jun 2019 20:03

Instrument :
 BNA_G
ClientSampled :
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Tgt Ion	Resp	Lower	Upper
99	100		
42	22.8	17.9	26.9
71	45.9	35.4	53.0

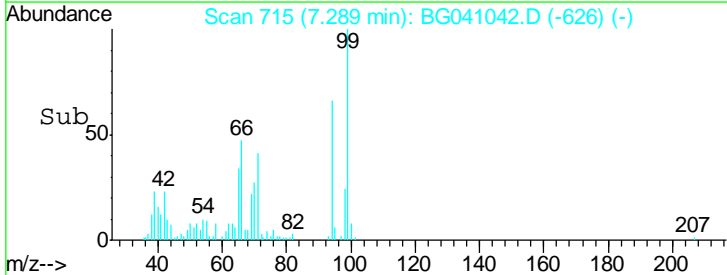
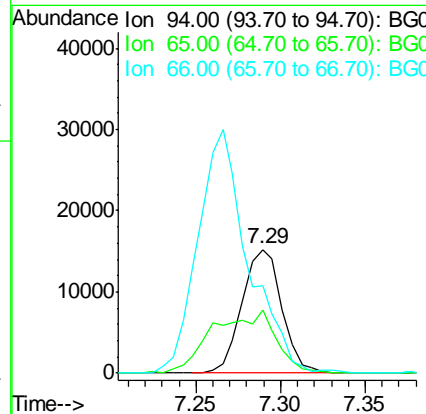
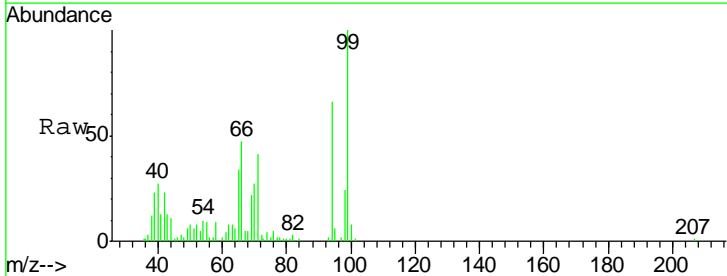
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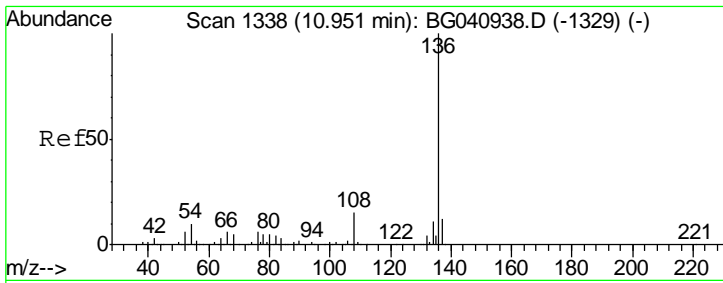
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#10
 Phenol
 Concen: 4.007 ng
 RT: 7.29 min Scan# 715
 Delta R.T. -0.01 min
 Lab File: BG041042.D
 Acq: 3 Jun 2019 20:03

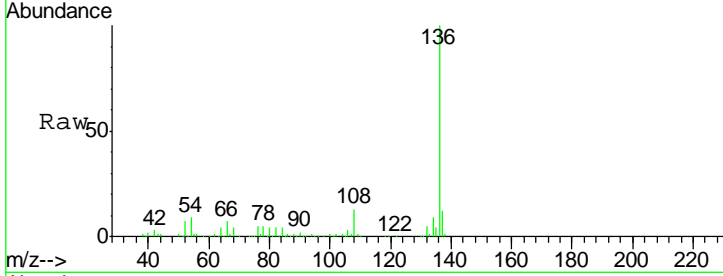
Tgt Ion	Resp	Lower	Upper
94	100		
65	50.9	17.0	57.0
66	70.6	32.4	72.4





#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.94 min Scan# 1336
 Delta R.T. -0.01 min
 Lab File: BG041042.D
 Acq: 3 Jun 2019 20:03

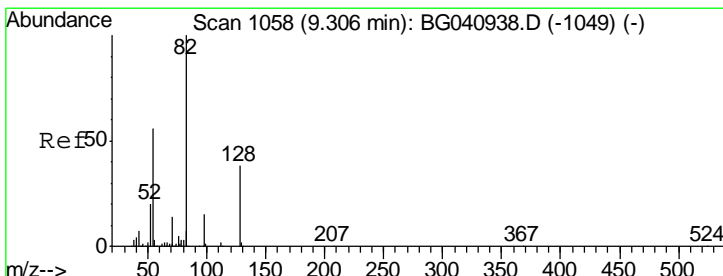
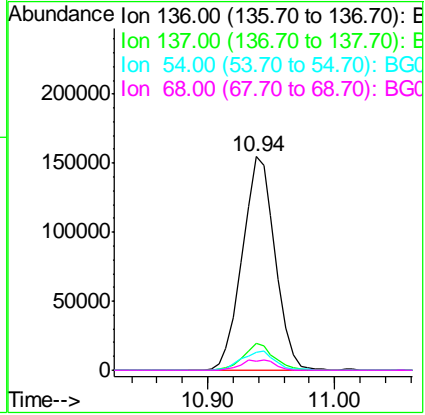
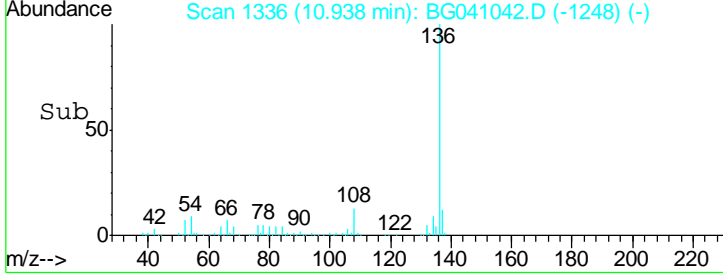
Instrument :
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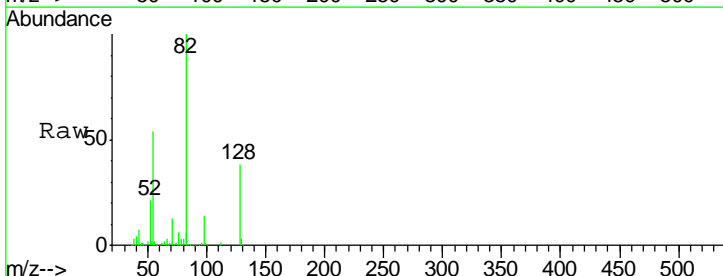
Tgt Ion: 136 Resp: 277938

Ion	Ratio	Lower	Upper
136	100		
137	12.4	9.5	14.3
54	8.5	7.6	11.4
68	4.4	3.9	5.9

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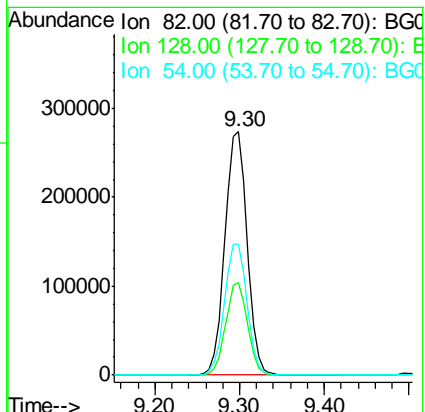
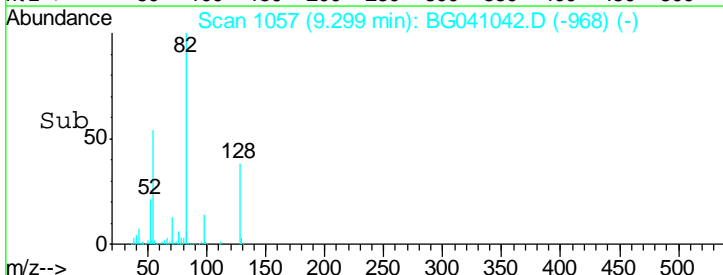


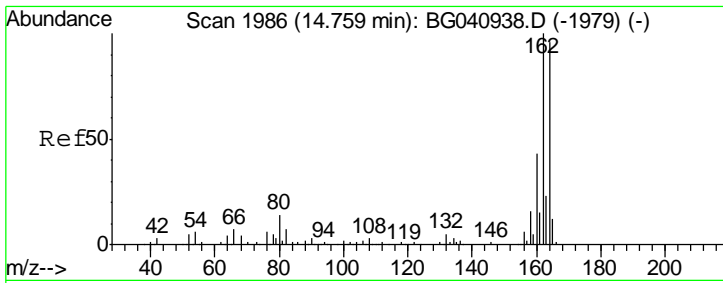
#23
 Nitrobenzene-d5
 Concen: 79.272 ng
 RT: 9.30 min Scan# 1057
 Delta R.T. -0.01 min
 Lab File: BG041042.D
 Acq: 3 Jun 2019 20:03



Tgt Ion: 82 Resp: 496300

Ion	Ratio	Lower	Upper
82	100		
128	38.2	30.5	45.7
54	53.5	44.6	66.8



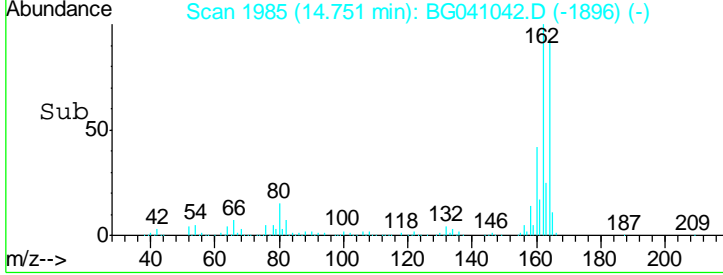
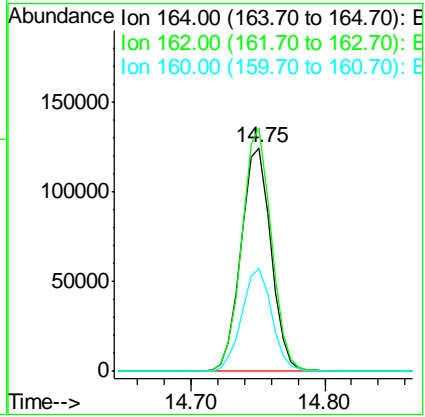
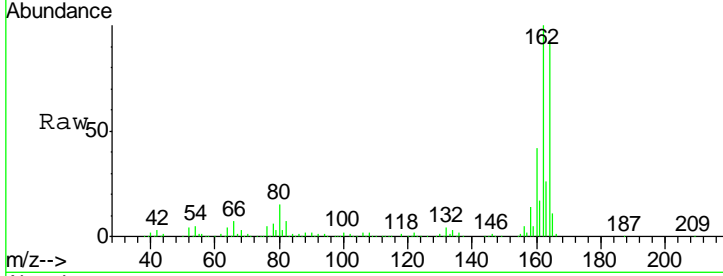


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.75 min Scan# 1985
 Delta R.T. -0.01 min
 Lab File: BG041042.D
 Acq: 3 Jun 2019 20:03

Instrument :
 BNA_G
ClientSampled :
 0433-HR-13(HACKENSACK)

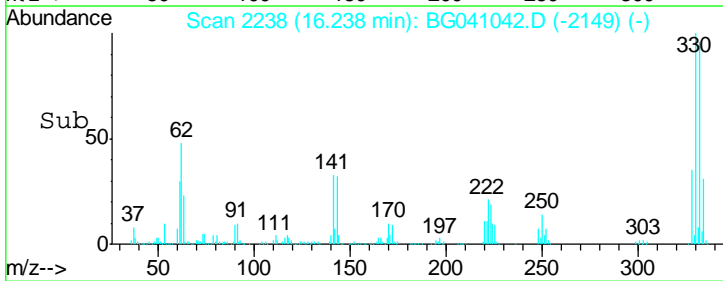
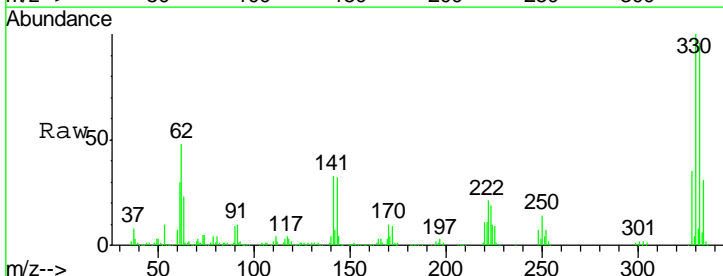
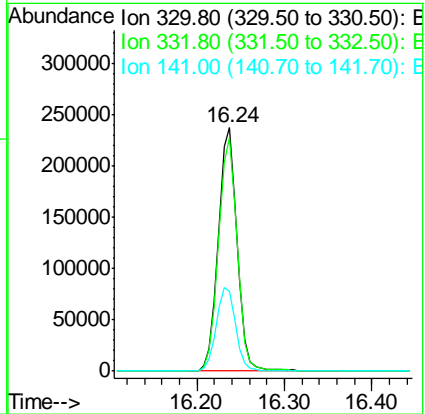
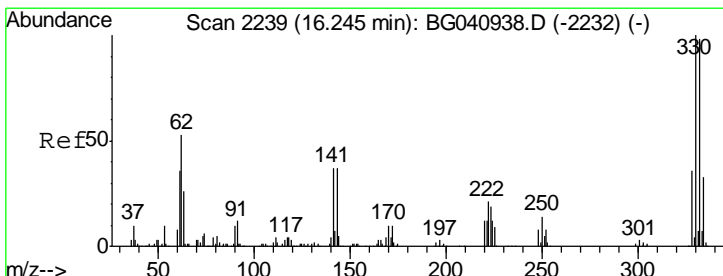
Tgt Ion	Resp	Lower	Upper
164	100		
162	109.0	83.0	124.4
160	45.9	35.6	53.4

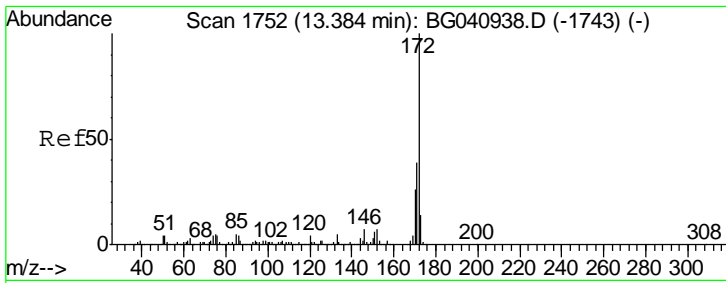
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#42
 2,4,6-Tribromophenol
 Concen: 124.094 ng
 RT: 16.24 min Scan# 2238
 Delta R.T. -0.01 min
 Lab File: BG041042.D
 Acq: 3 Jun 2019 20:03

Tgt Ion	Resp	Lower	Upper
330	100		
332	95.7	78.5	117.7
141	35.7	28.7	43.1





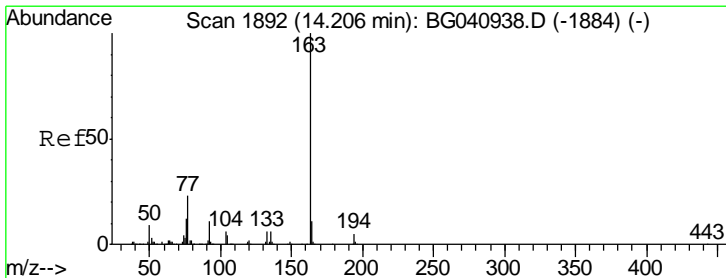
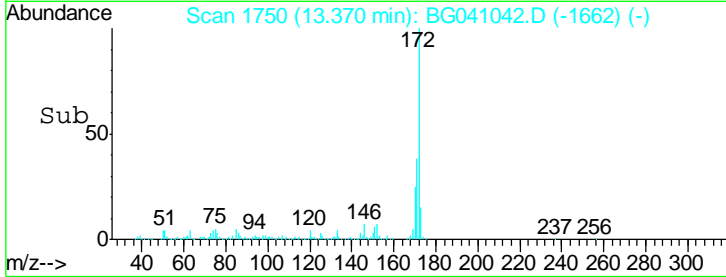
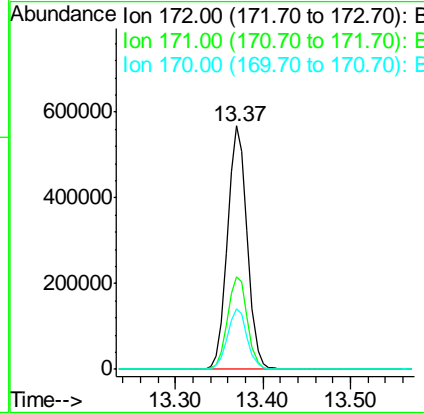
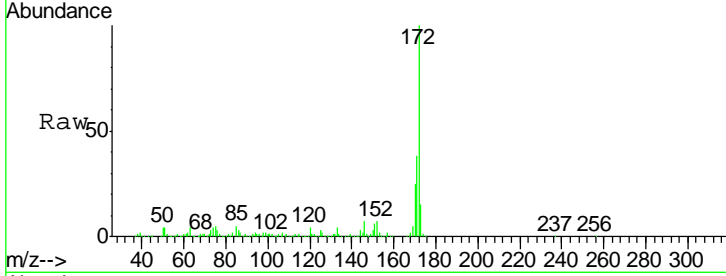
#45
 2-Fluorobiphenyl
 Concen: 65.578 ng
 RT: 13.37 min Scan# 1750
 Delta R.T. -0.01 min
 Lab File: BG041042.D
 Acq: 3 Jun 2019 20:03

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Tgt Ion	Resp	Lower	Upper
172	100		
171	37.8	31.1	46.7
170	24.8	20.5	30.7

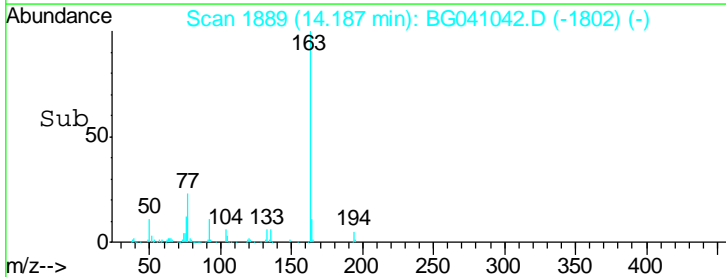
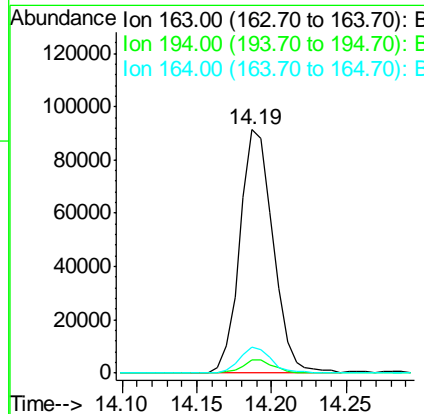
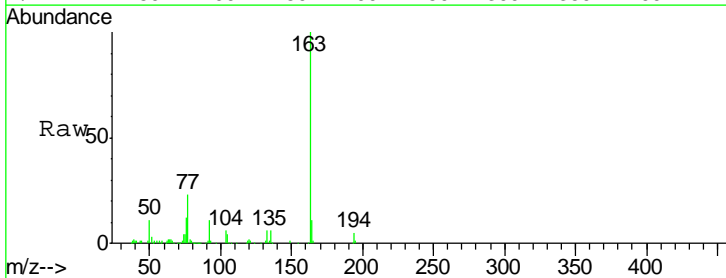
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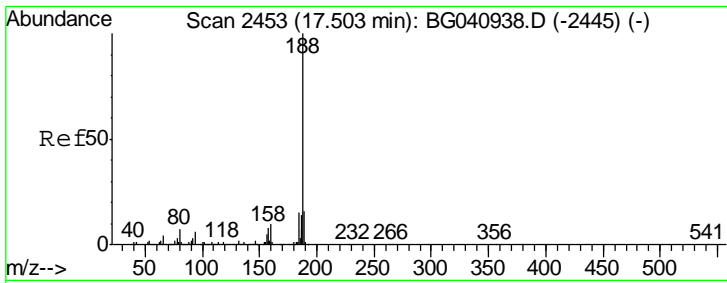
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#50
 Dimethylphthalate
 Concen: 8.619 ng
 RT: 14.19 min Scan# 1889
 Delta R.T. -0.02 min
 Lab File: BG041042.D
 Acq: 3 Jun 2019 20:03

Tgt Ion	Resp	Lower	Upper
163	100		
194	5.2	3.8	5.8
164	10.6	8.7	13.1



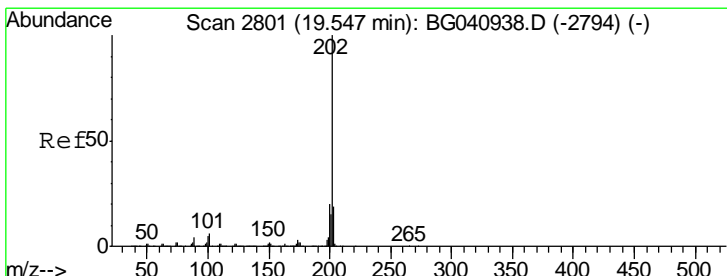
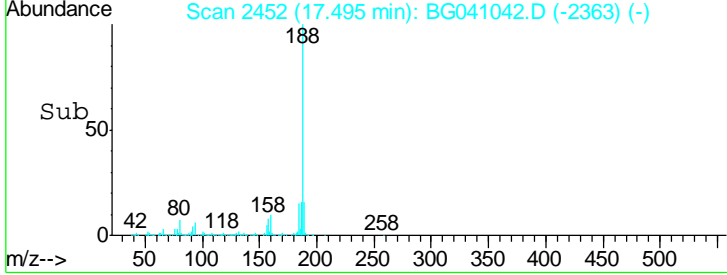
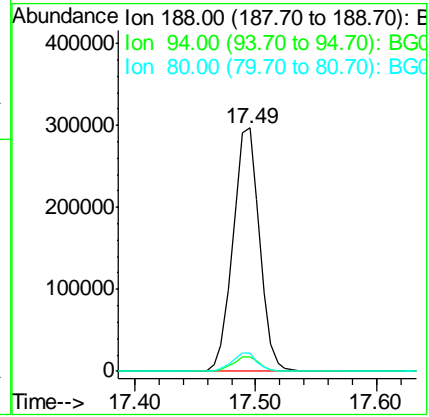
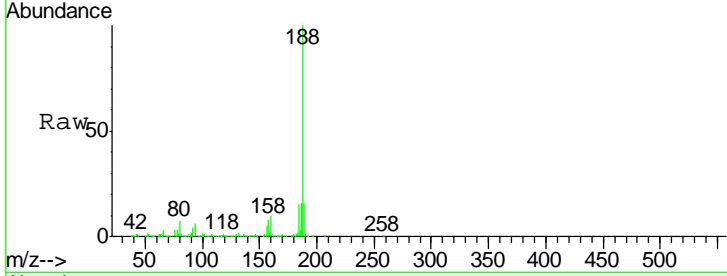


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.49 min Scan# 2452
 Delta R.T. -0.01 min
 Lab File: BG041042.D
 Acq: 3 Jun 2019 20:03

Instrument :
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Client Sampled :
 0433-HR-13(HACKENSACK)

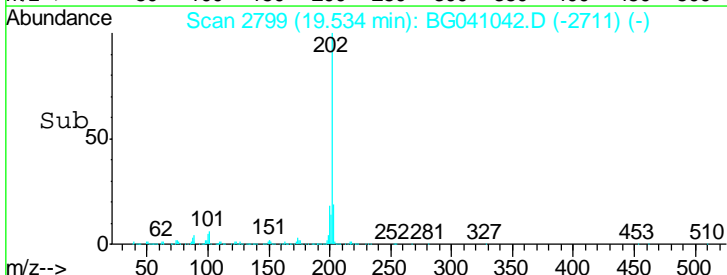
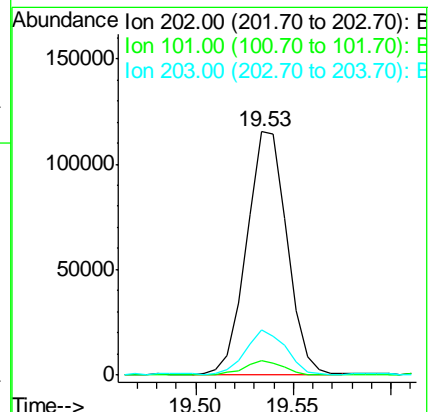
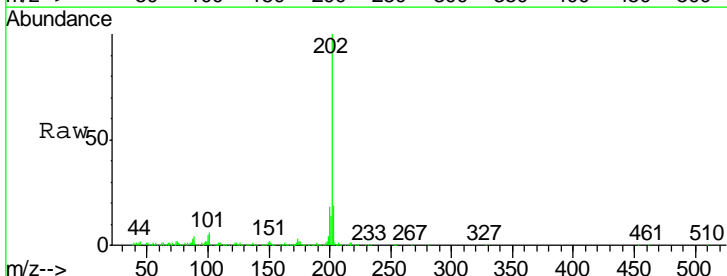
Tgt Ion	Resp	Lower	Upper
188	100		
94	5.7	4.7	7.1
80	7.3	5.8	8.8

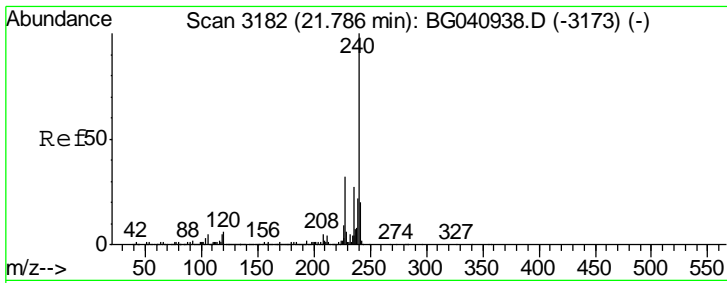
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#75
 Fluoranthene
 Concen: 5.684 ng
 RT: 19.53 min Scan# 2799
 Delta R.T. -0.01 min
 Lab File: BG041042.D
 Acq: 3 Jun 2019 20:03

Tgt Ion	Resp	Lower	Upper
202	100		
101	5.7	0.0	26.2
203	18.5	0.0	38.7





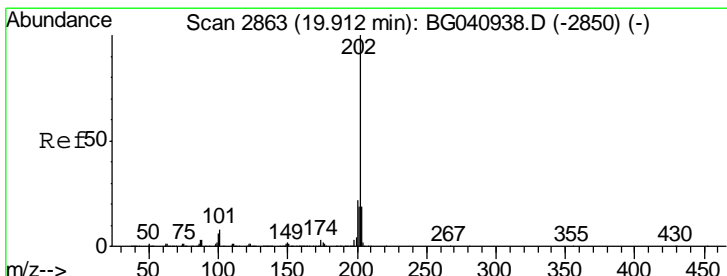
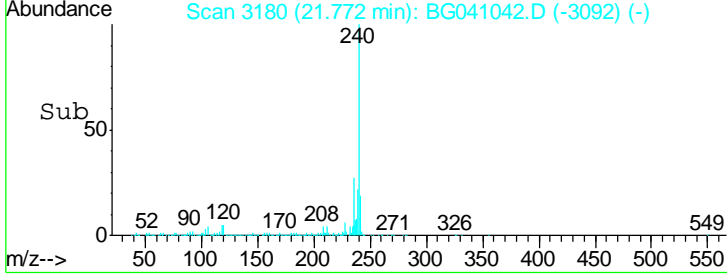
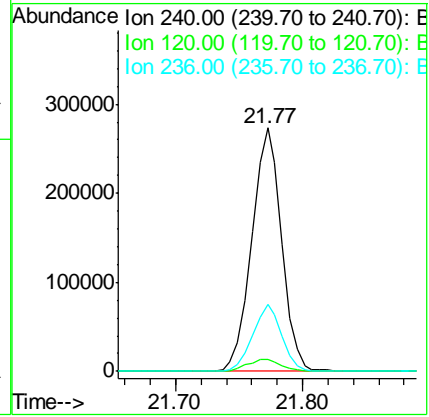
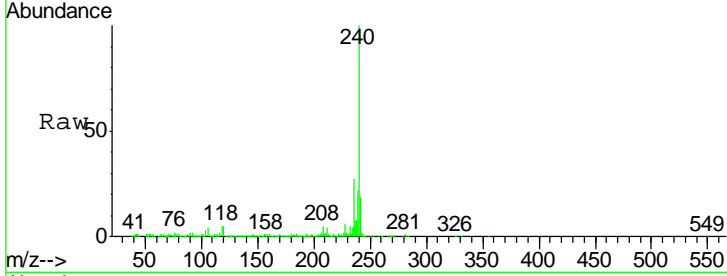
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.77 min Scan# 3180
 Delta R.T. -0.01 min
 Lab File: BG041042.D
 Acq: 3 Jun 2019 20:03

Instrument :
 BNA_G
ClientSampled :
 0433-HR-13(HACKENSACK)

Tgt Ion	Ratio	Lower	Upper
240	100		
120	4.9	4.5	6.7
236	27.3	21.3	31.9

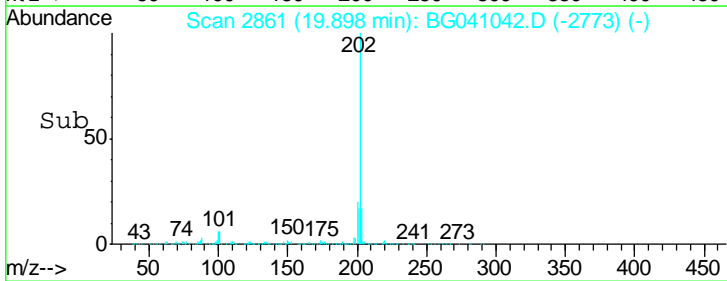
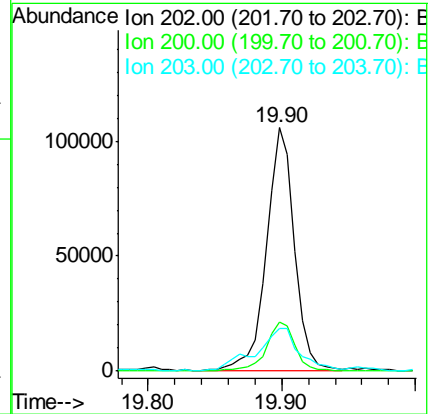
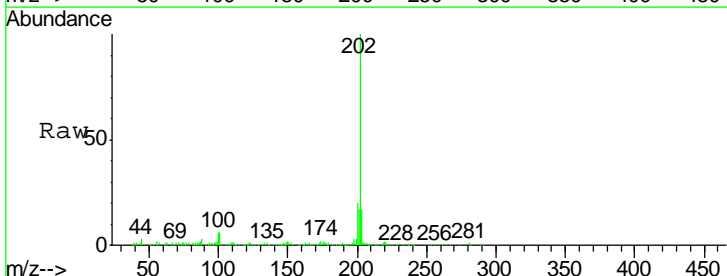
Manual Integrations
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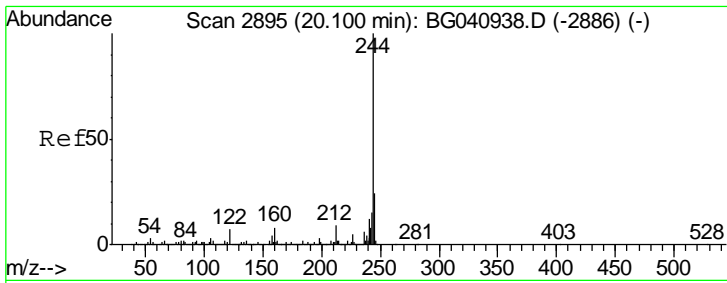
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#78
 Pyrene
 Concen: 5.259 ng
 RT: 19.90 min Scan# 2861
 Delta R.T. -0.01 min
 Lab File: BG041042.D
 Acq: 3 Jun 2019 20:03

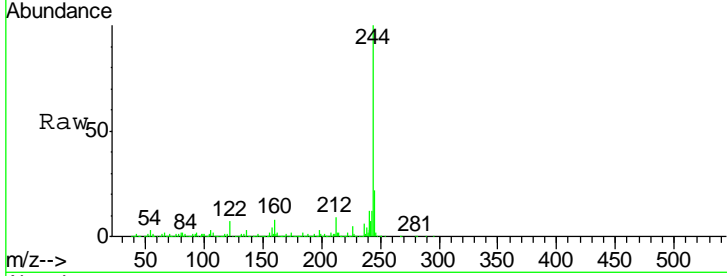
Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.3	17.5	26.3
203	17.3	15.6	23.4





#79
 Terphenyl-d14
 Concen: 60.233 ng
 RT: 20.09 min Scan# 2893
 Delta R.T. -0.01 min
 Lab File: BG041042.D
 Acq: 3 Jun 2019 20:03

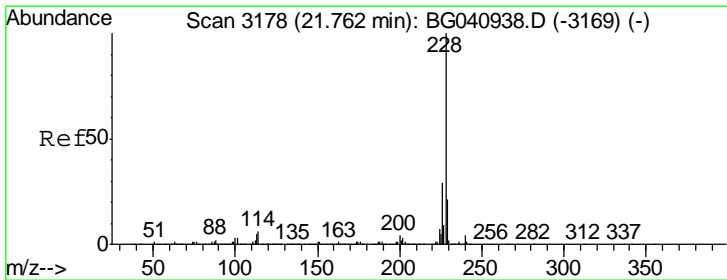
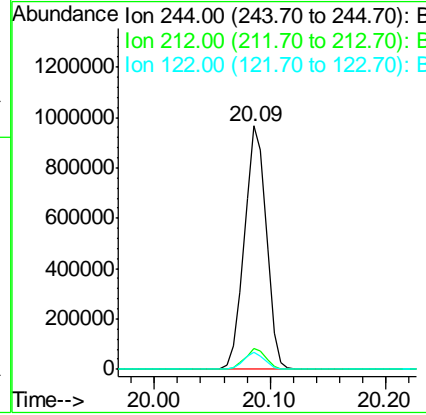
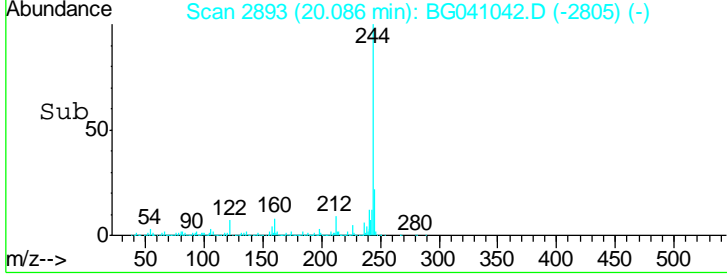
Instrument :
 BNA_G
ClientSampled :
 0433-HR-13(HACKENSACK)



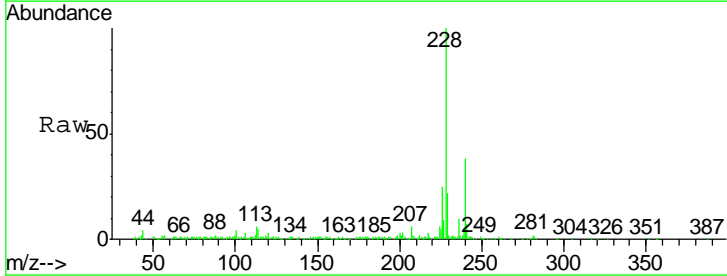
Tgt Ion: 244 Resp: 1266372

Ion	Ratio	Lower	Upper
244	100		
212	8.7	7.0	10.4
122	7.1	5.4	8.0

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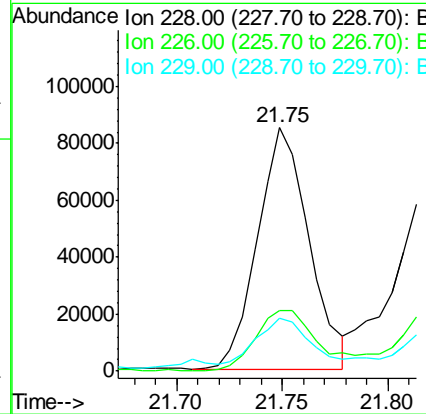
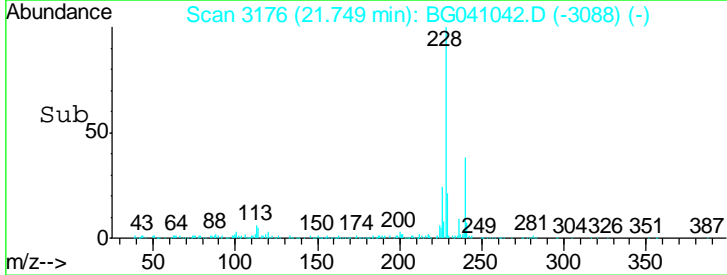


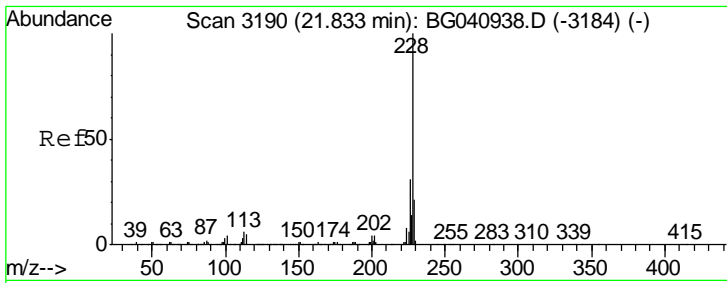
#81
 Benzo(a)anthracene
 Concen: 4.822 ng
 RT: 21.75 min Scan# 3176
 Delta R.T. -0.01 min
 Lab File: BG041042.D
 Acq: 3 Jun 2019 20:03



Tgt Ion: 228 Resp: 143226

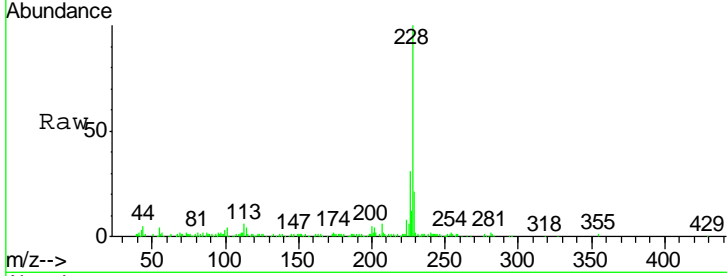
Ion	Ratio	Lower	Upper
228	100		
226	24.7	23.5	35.3
229	21.7	16.7	25.1





#83
 Chrysene
 Concen: 4.208 ng
 RT: 21.82 min Scan# 3188
 Delta R.T. -0.01 min
 Lab File: BG041042.D
 Acq: 3 Jun 2019 20:03

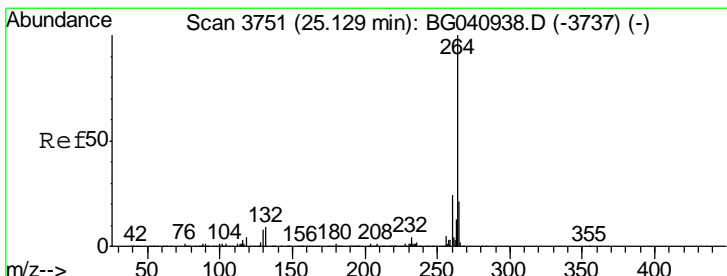
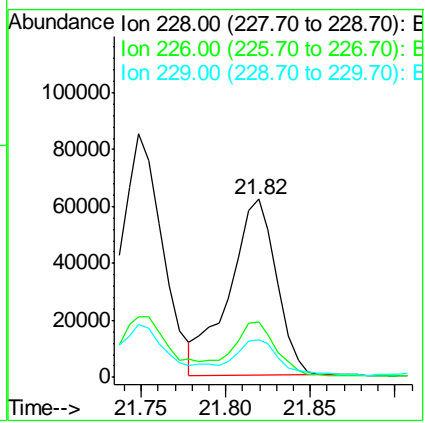
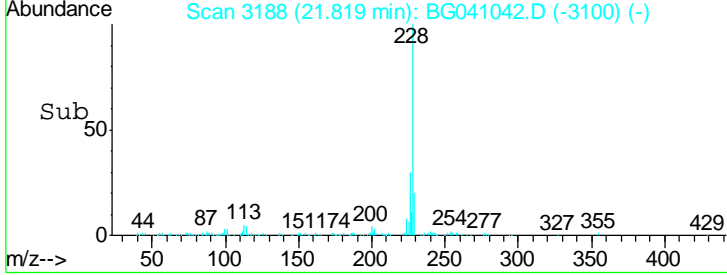
Instrument : BNA_G
 Client Sampled : 0433-HR-13(HACKENSACK)



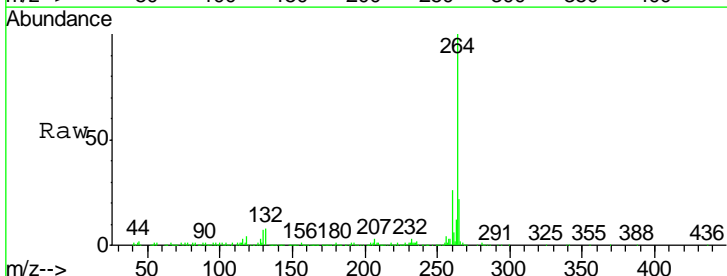
Tgt Ion: 228 Resp: 119615

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.6	37.0
229	21.1	16.6	24.8

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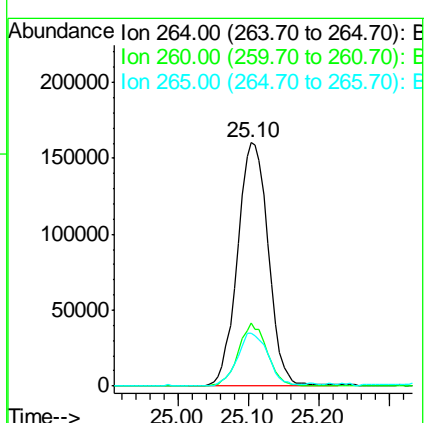
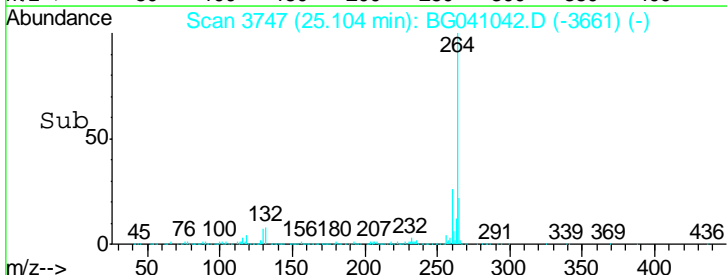


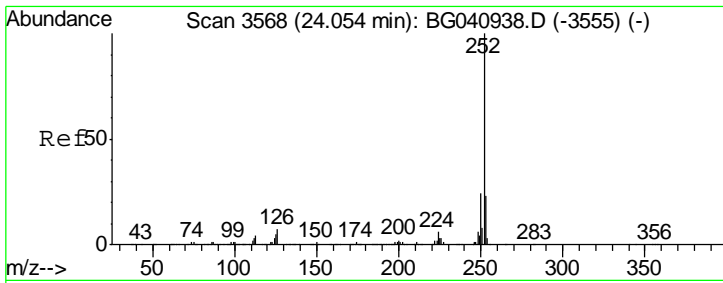
#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.10 min Scan# 3747
 Delta R.T. -0.03 min
 Lab File: BG041042.D
 Acq: 3 Jun 2019 20:03



Tgt Ion: 264 Resp: 486461

Ion	Ratio	Lower	Upper
264	100		
260	25.9	19.0	28.4
265	22.0	17.0	25.4





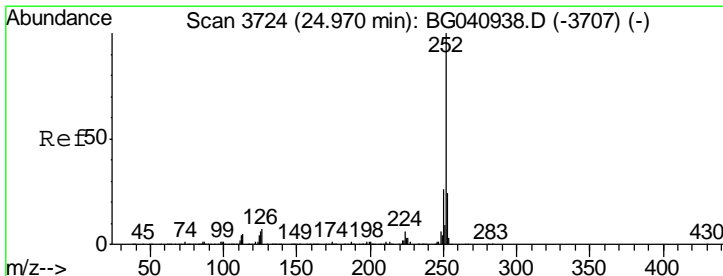
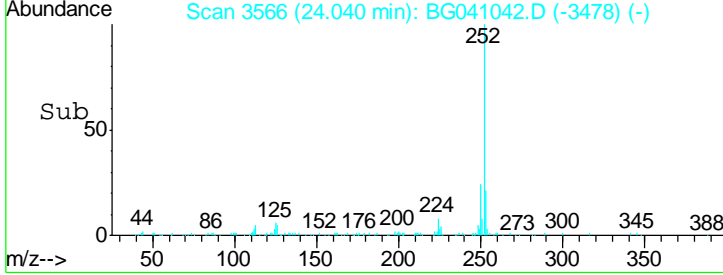
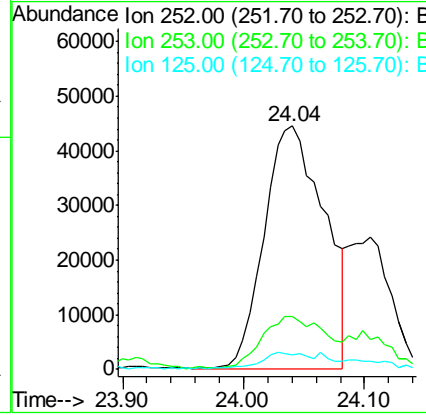
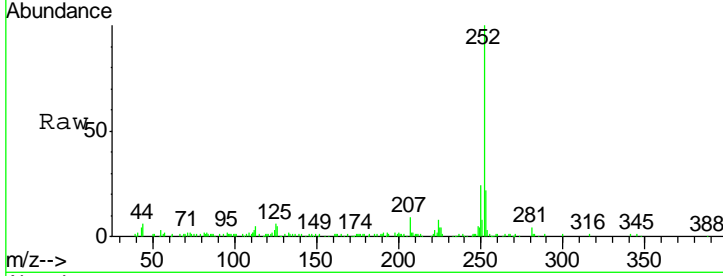
#88
 Benzo(b)fluoranthene
 Concen: 5.231 ng
 RT: 24.04 min Scan# 3566
 Delta R.T. -0.01 min
 Lab File: BG041042.D
 Acq: 3 Jun 2019 20:03

Instrument :
 BNA_G
Client Sampled :
 0433-HR-13(HACKENSACK)

Tgt Ion	Resp	Lower	Upper
252	154342		
253	21.7	18.4	27.6
125	6.0	4.3	6.5

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#90
 Benzo(a)pyrene
 Concen: 3.830 ng
 RT: 24.94 min Scan# 3719
 Delta R.T. -0.03 min
 Lab File: BG041042.D
 Acq: 3 Jun 2019 20:03

Tgt Ion	Resp	Lower	Upper
252	107811		
253	22.2	19.5	29.3
125	6.5	5.1	7.7

