

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031720\
 Data File : BG044841.D
 Acq On : 17 Mar 2020 20:30
 Operator : CG/JU
 Sample : L1893-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1-SA

Quant Time: Mar 18 02:05:11 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 16 17:37:15 2020
 Response via : Initial Calibration

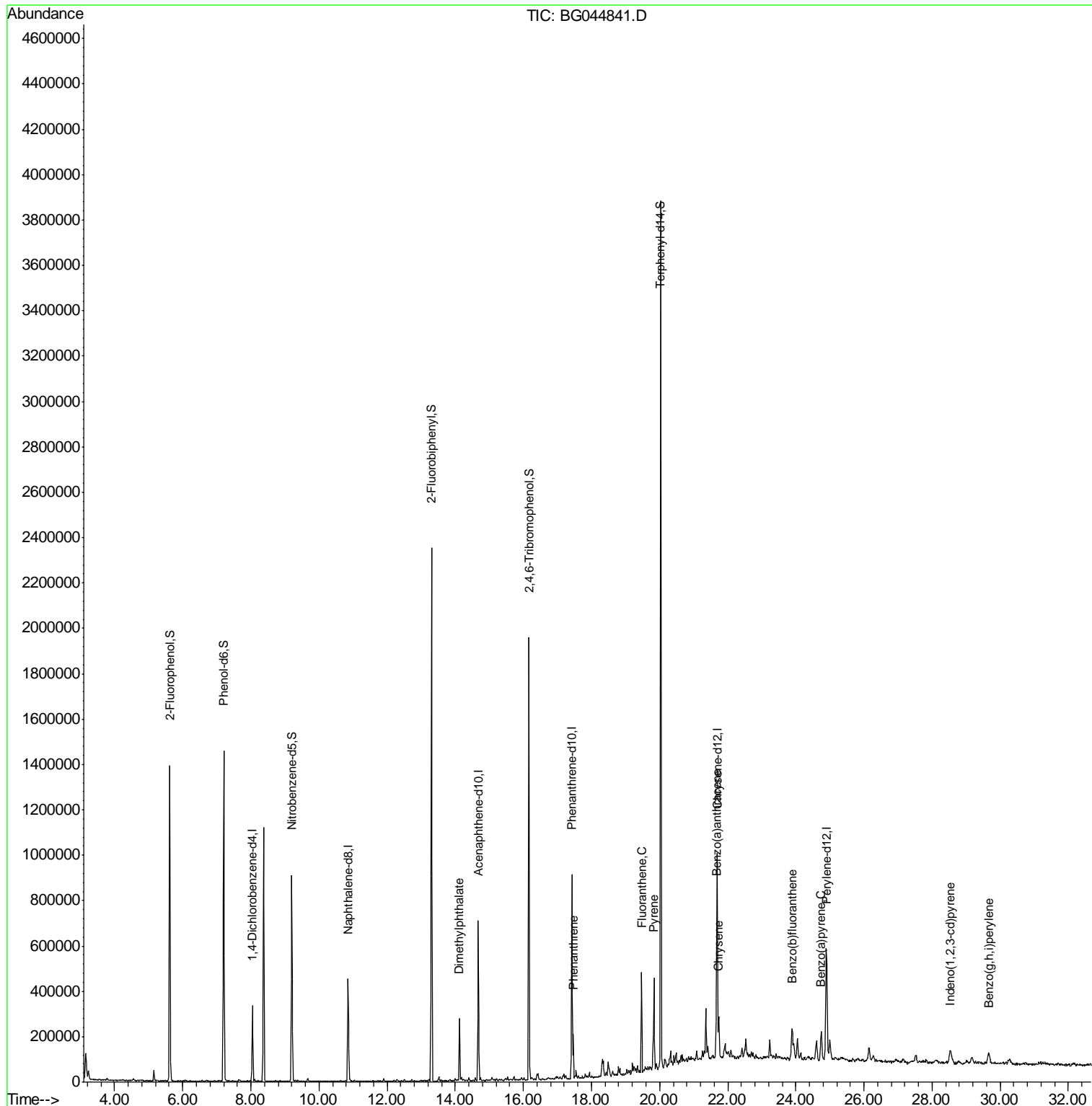
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	
1) 1,4-Dichlorobenzene-d4	8.05	152	95608	20.00	ng	0.00	
21) Naphthalene-d8	10.86	136	393918	20.00	ng	0.00	
39) Acenaphthene-d10	14.67	164	261673	20.00	ng	-0.01	
64) Phenanthrene-d10	17.42	188	566189	20.00	ng	0.00	
76) Chrysene-d12	21.69	240	473618	20.00	ng	-0.01	
87) Perylene-d12	24.90	264	542070	20.00	ng	-0.01	
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	628292	102.30	ng	0.00	
7) Phenol-d6	7.20	99	910784	102.07	ng	0.00	
23) Nitrobenzene-d5	9.20	82	604424	67.33	ng	0.00	
42) 2,4,6-Tribromophenol	16.17	330	378931	110.60	ng	0.00	
45) 2-Fluorobiphenyl	13.31	172	1279117	70.00	ng	0.00	
79) Terphenyl-d14	20.03	244	1798807	71.04	ng	0.00	
Target Compounds							
50) Dimethylphthalate	14.12	163	178036	8.543	ng		98
71) Phenanthrene	17.47	178	126128	4.169	ng		96
75) Fluoranthene	19.47	202	273896	7.603	ng		97
78) Pyrene	19.83	202	270559	7.786	ng		98
81) Benzo(a)anthracene	21.67	228	140991	4.134	ng		97
83) Chrysene	21.74	228	130372	4.002	ng		97
86) Indeno(1,2,3-cd)pyrene	28.53	276	96256	2.254	ng	#	75
88) Benzo(b)fluoranthene	23.89	252	180716	5.050	ng	#	95
90) Benzo(a)pyrene	24.74	252	143685	4.291	ng		98
92) Benzo(a,h,i)perylene	29.67	276	91441	2.740	ng		93

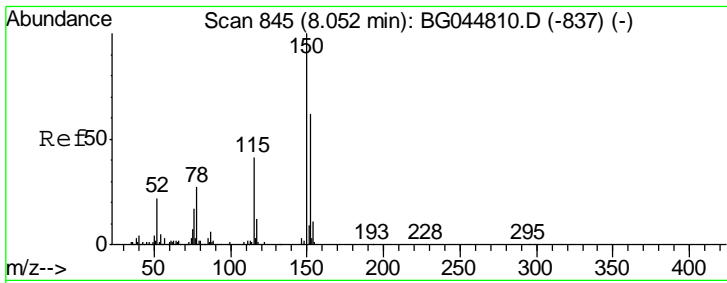
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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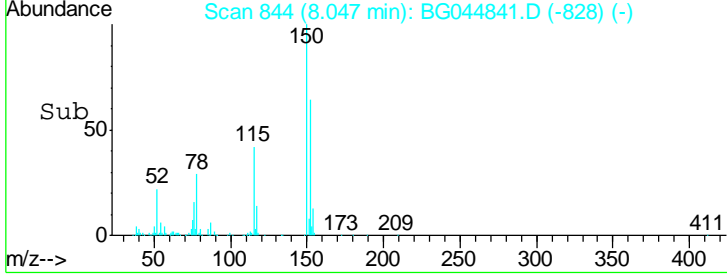
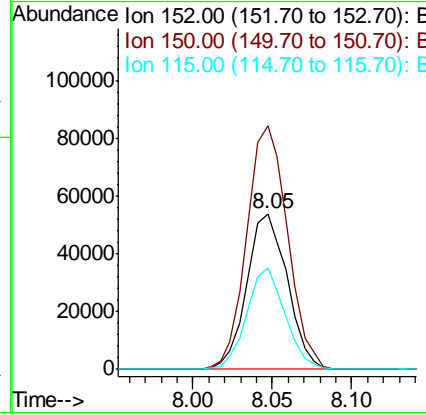
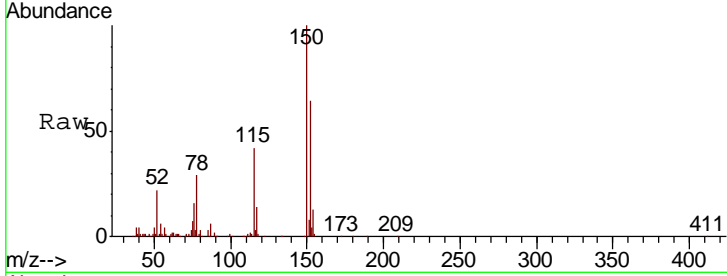




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 844
 Delta R.T. -0.00 min
 Lab File: BG044841.D
 Acq: 17 Mar 2020 20:30

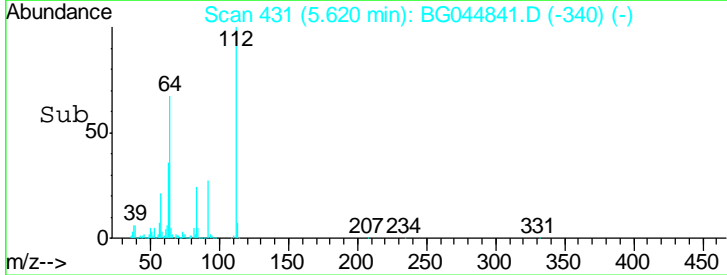
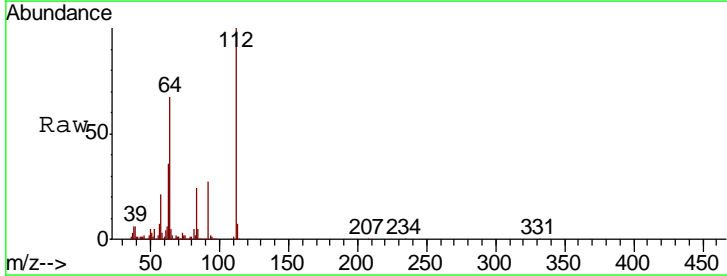
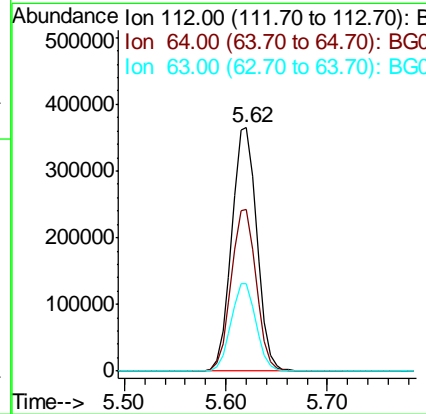
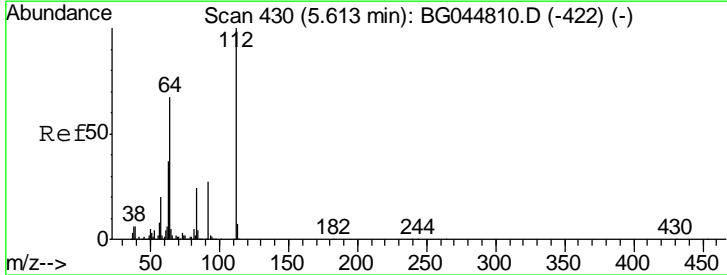
Instrument :
 BNA_G
 ClientSampled :
 TP-1-SA

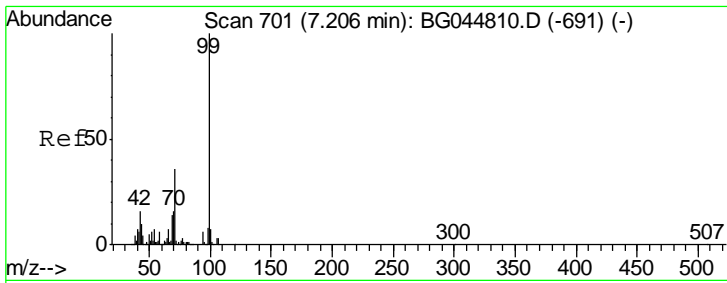
Tgt Ion	Resp	Lower	Upper
152	100		
150	156.4	128.8	193.2
115	65.6	52.6	79.0



#5
 2-Fluorophenol
 Concen: 102.299 ng
 RT: 5.62 min Scan# 431
 Delta R.T. 0.01 min
 Lab File: BG044841.D
 Acq: 17 Mar 2020 20:30

Tgt Ion	Resp	Lower	Upper
112	100		
64	66.6	53.4	80.2
63	36.1	29.4	44.2

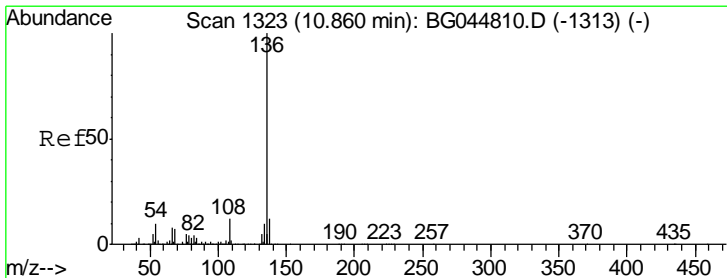
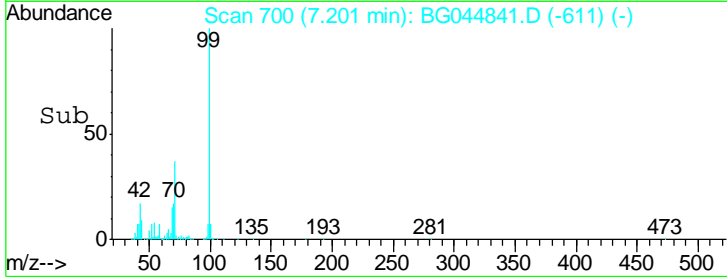
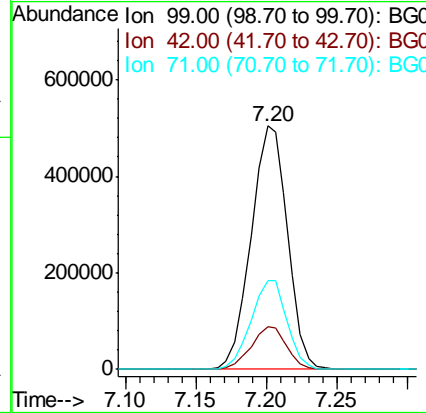
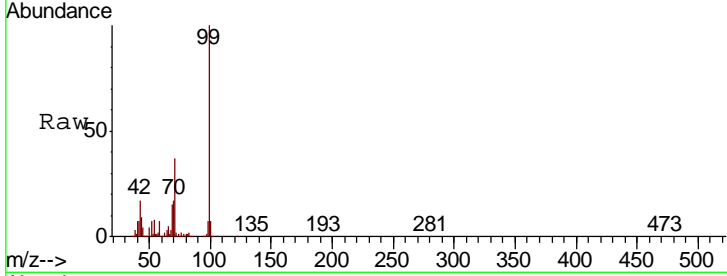




#7
 Phenol-d6
 Concen: 102.066 ng
 RT: 7.20 min Scan# 700
 Delta R.T. -0.00 min
 Lab File: BG044841.D
 Acq: 17 Mar 2020 20:30

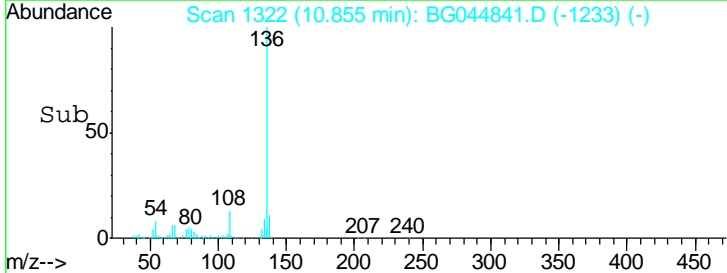
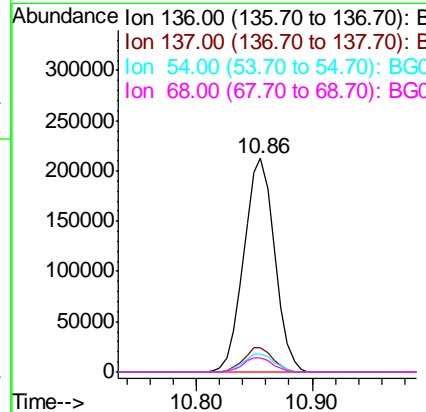
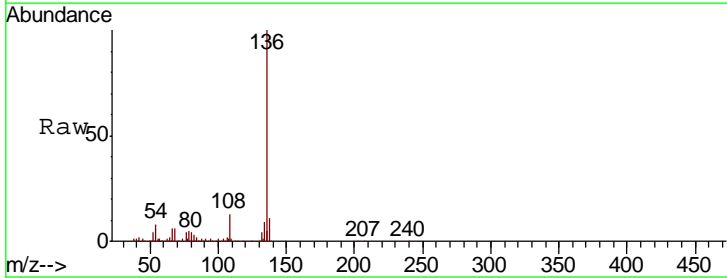
Instrument :
 BNA_G
 ClientSampled :
 TP-1-SA

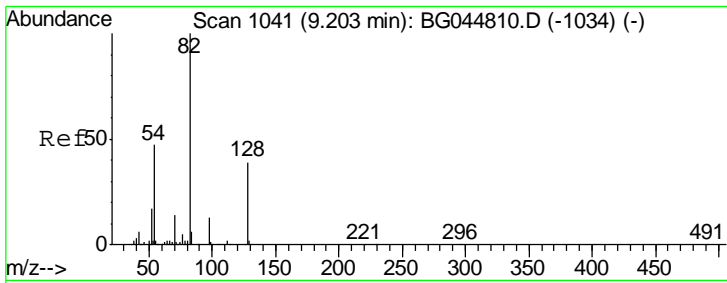
Tgt Ion	Resp	Lower	Upper
99	100		
42	17.5	12.6	19.0
71	36.7	29.0	43.4



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.86 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: BG044841.D
 Acq: 17 Mar 2020 20:30

Tgt Ion	Resp	Lower	Upper
136	100		
137	11.4	9.8	14.6
54	8.2	7.9	11.9
68	6.4	5.4	8.0

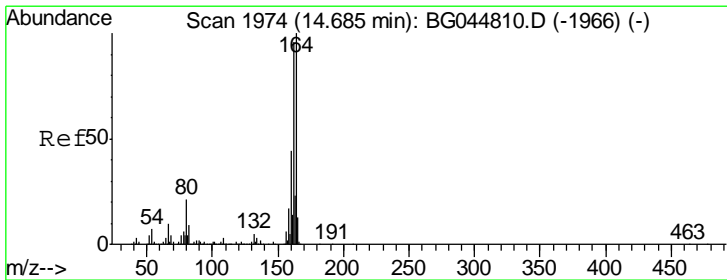
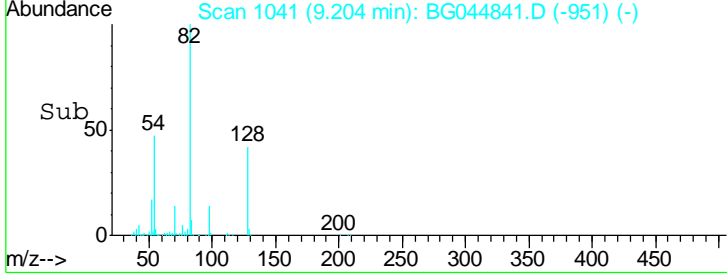
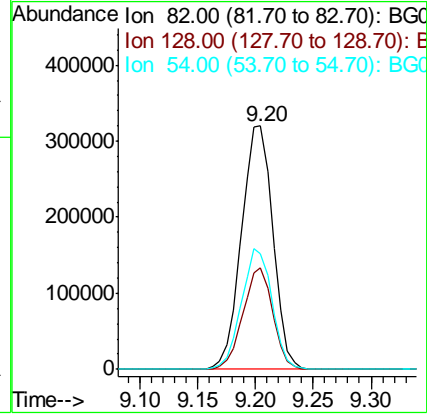
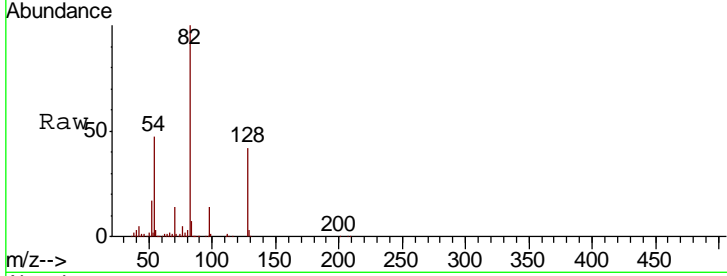




#23
 Nitrobenzene-d5
 Concen: 67.331 ng
 RT: 9.20 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BG044841.D
 Acq: 17 Mar 2020 20:30

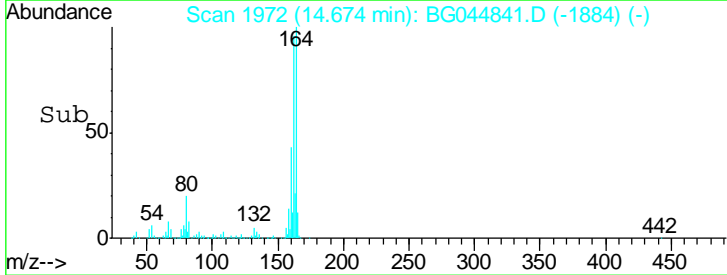
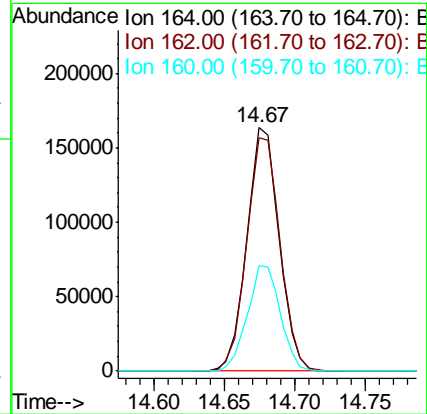
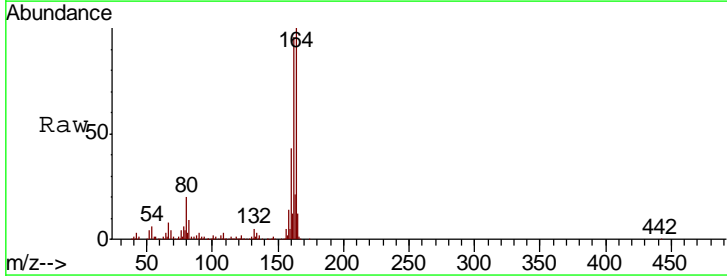
Instrument :
 BNA_G
 ClientSampled :
 TP-1-SA

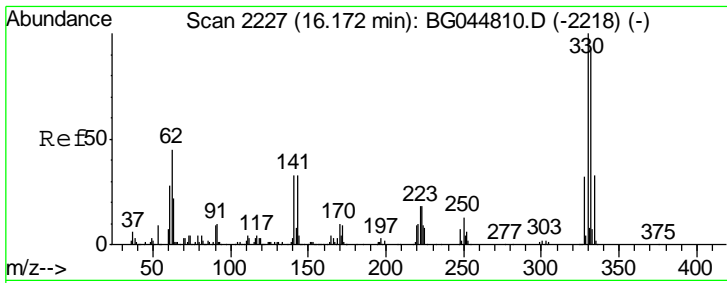
Tgt Ion	Resp	Lower	Upper
82	100		
128	41.6	30.6	46.0
54	47.5	37.1	55.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1972
 Delta R.T. -0.01 min
 Lab File: BG044841.D
 Acq: 17 Mar 2020 20:30

Tgt Ion	Resp	Lower	Upper
164	100		
162	95.9	76.7	115.1
160	43.4	35.0	52.4

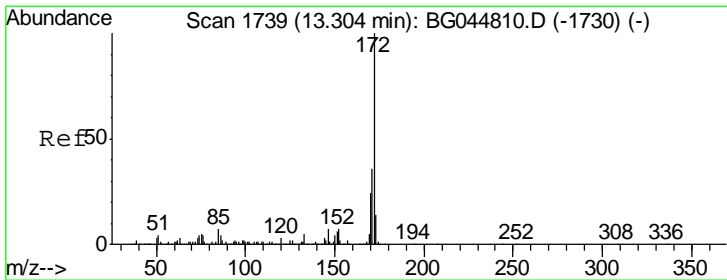
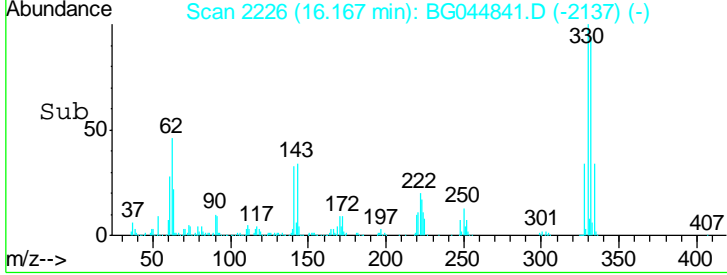
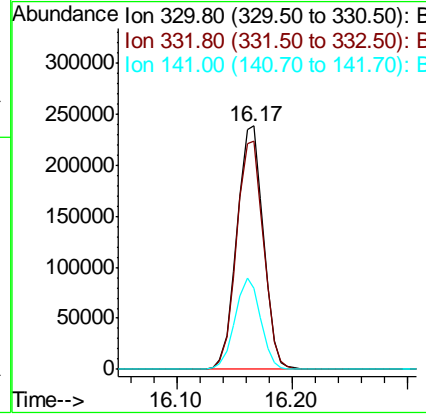
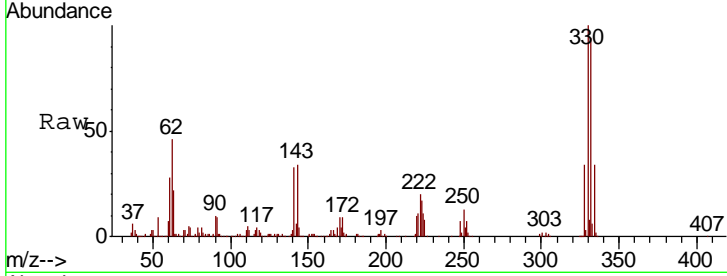




#42
 2,4,6-Tribromophenol
 Concen: 110.598 ng
 RT: 16.17 min Scan# 2226
 Delta R.T. -0.00 min
 Lab File: BG044841.D
 Acq: 17 Mar 2020 20:30

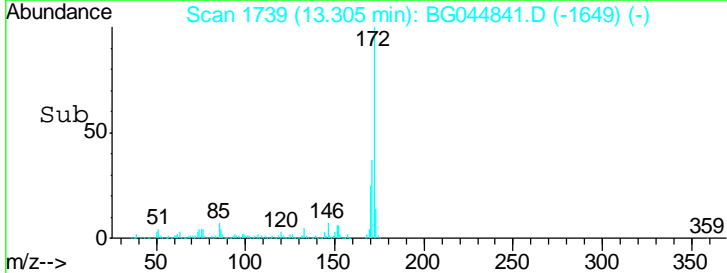
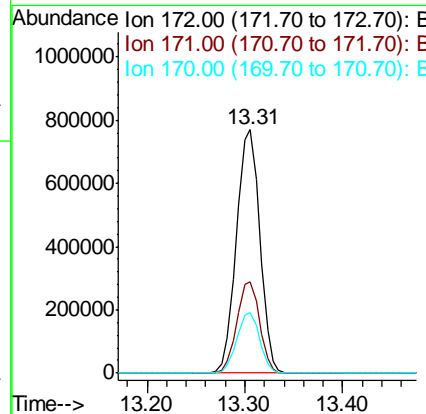
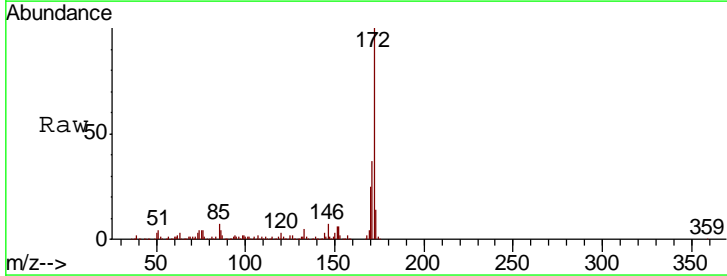
Instrument :
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 ClientSampleID :
 TP-1-SA

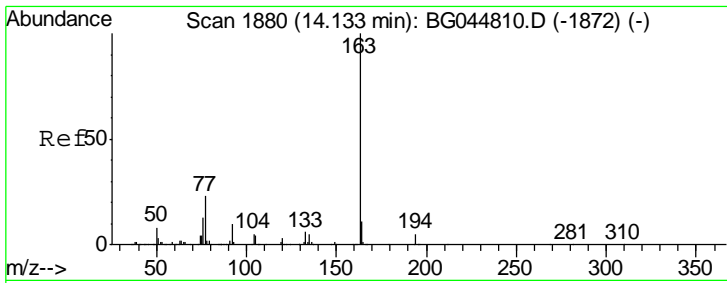
Tgt Ion	Resp	Lower	Upper
330	100		
332	95.5	77.8	116.6
141	36.4	29.5	44.3



#45
 2-Fluorobiphenyl
 Concen: 70.001 ng
 RT: 13.31 min Scan# 1739
 Delta R.T. 0.00 min
 Lab File: BG044841.D
 Acq: 17 Mar 2020 20:30

Tgt Ion	Resp	Lower	Upper
172	100		
171	37.3	28.7	43.1
170	24.6	19.0	28.6

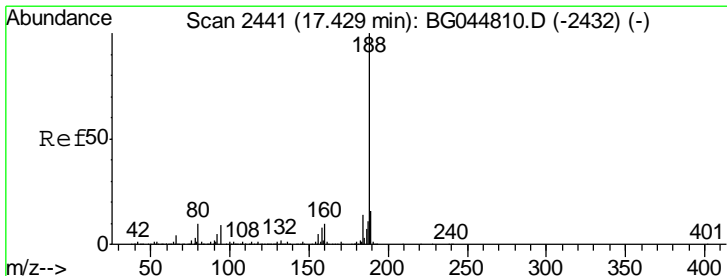
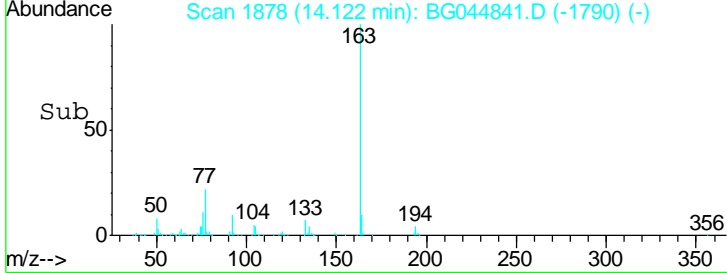
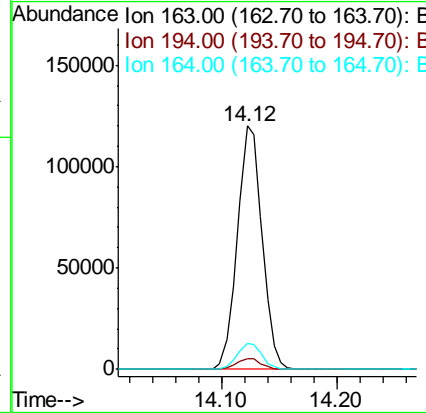
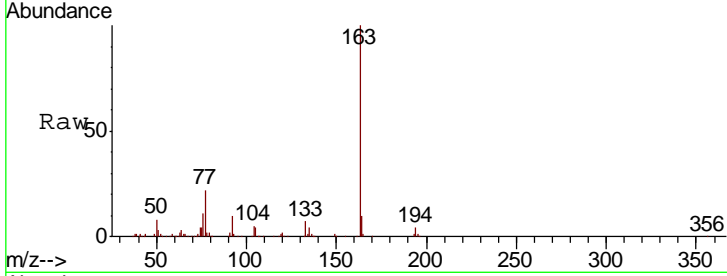




#50
 Dimethylphthalate
 Concen: 8.543 ng
 RT: 14.12 min Scan# 1878
 Delta R.T. -0.01 min
 Lab File: BG044841.D
 Acq: 17 Mar 2020 20:30

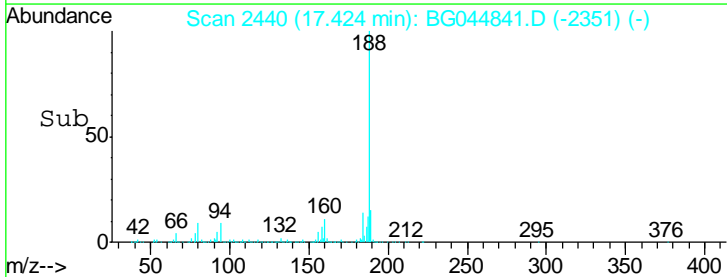
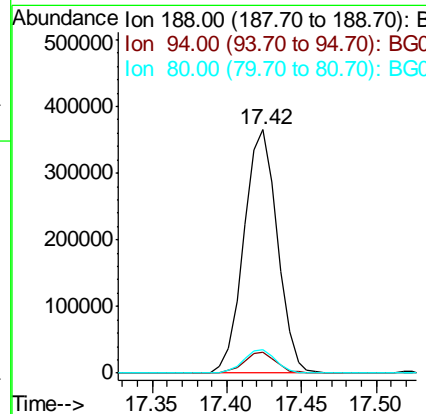
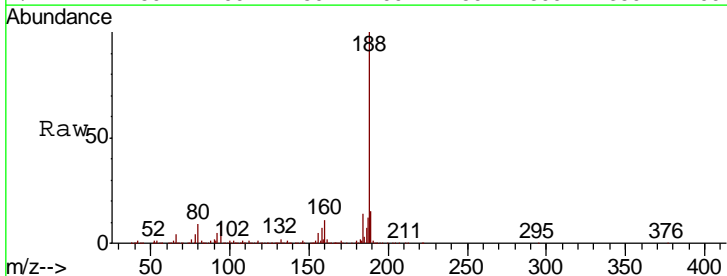
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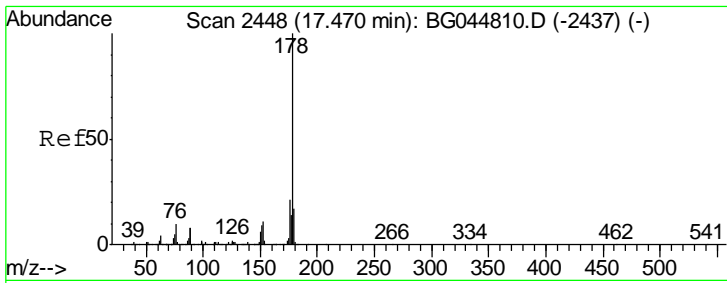
Tgt Ion	Resp	Lower	Upper
163	178036		
194	4.4	3.7	5.5
164	10.5	9.1	13.7



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2440
 Delta R.T. -0.00 min
 Lab File: BG044841.D
 Acq: 17 Mar 2020 20:30

Tgt Ion	Resp	Lower	Upper
188	566189		
94	8.6	7.3	10.9
80	9.5	8.0	12.0

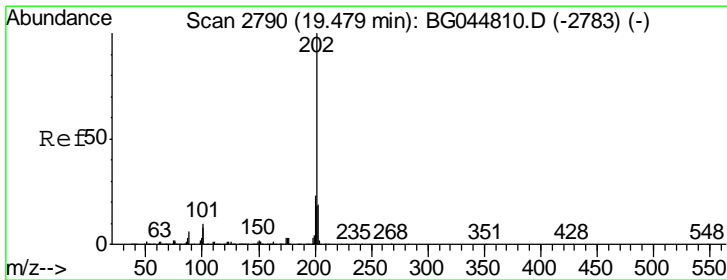
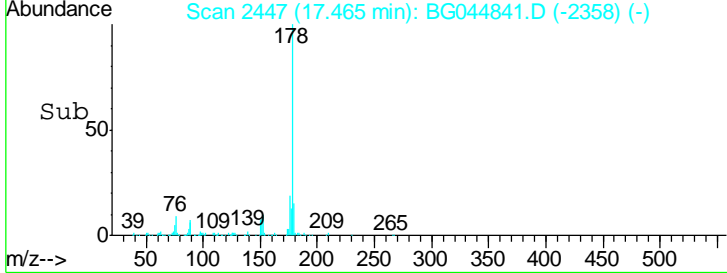
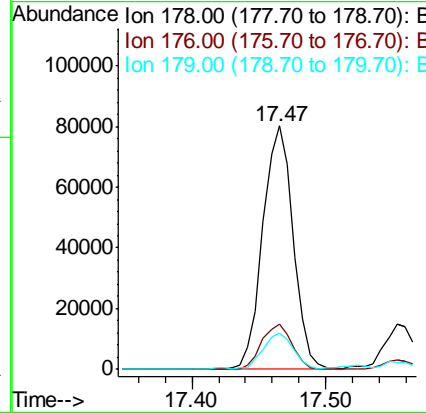
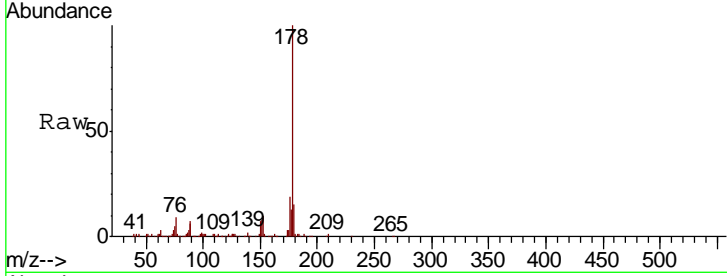




#71
 Phenanthrene
 Concen: 4.169 ng
 RT: 17.47 min Scan# 2447
 Delta R.T. -0.00 min
 Lab File: BG044841.D
 Acq: 17 Mar 2020 20:30

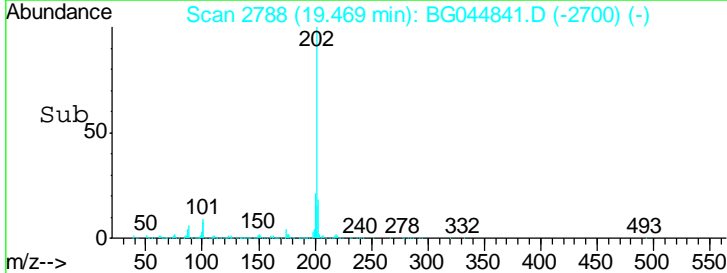
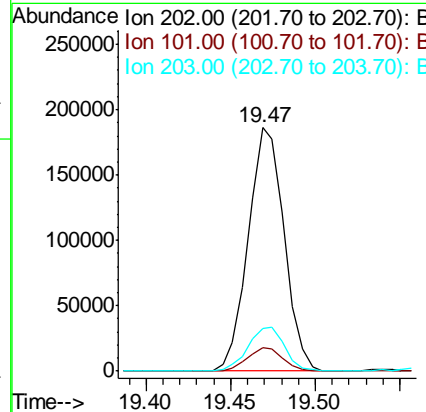
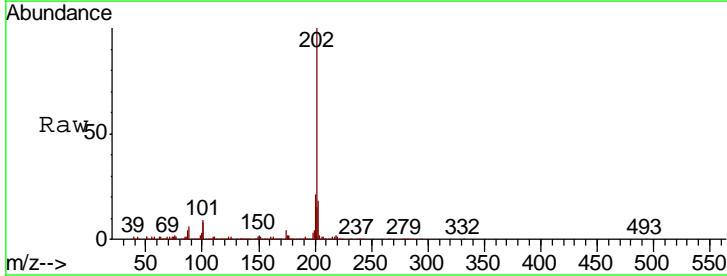
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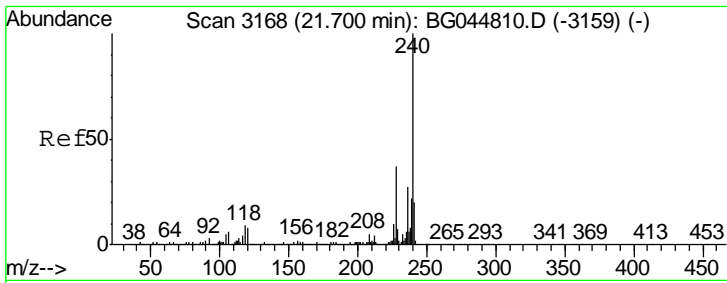
Tgt Ion	Resp	Lower	Upper
178	126128		
176	18.8	16.6	24.8
179	15.1	13.5	20.3



#75
 Fluoranthene
 Concen: 7.603 ng
 RT: 19.47 min Scan# 2788
 Delta R.T. -0.01 min
 Lab File: BG044841.D
 Acq: 17 Mar 2020 20:30

Tgt Ion	Resp	Lower	Upper
202	273896		
101	9.5	0.0	29.8
203	17.7	0.0	39.4

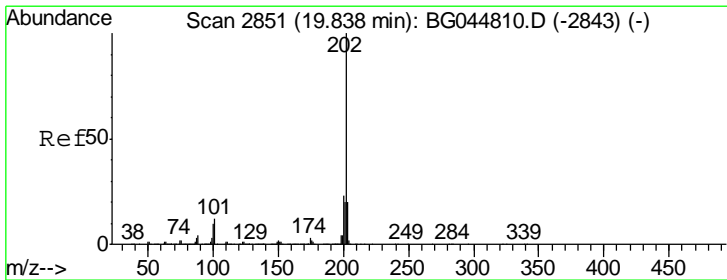
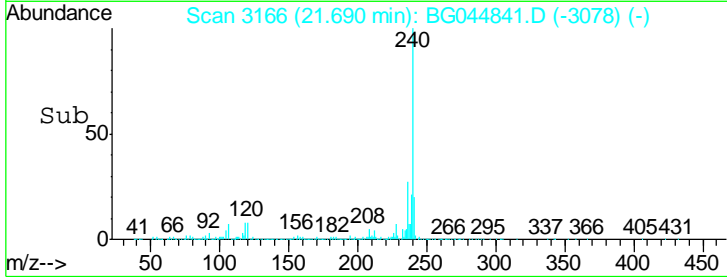
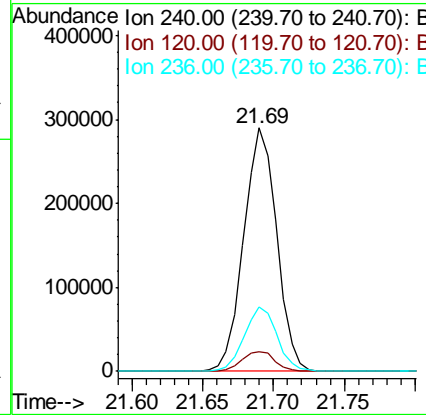
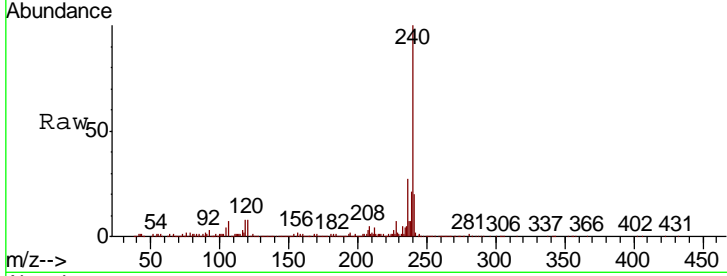




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.69 min Scan# 3166
 Delta R.T. -0.01 min
 Lab File: BG044841.D
 Acq: 17 Mar 2020 20:30

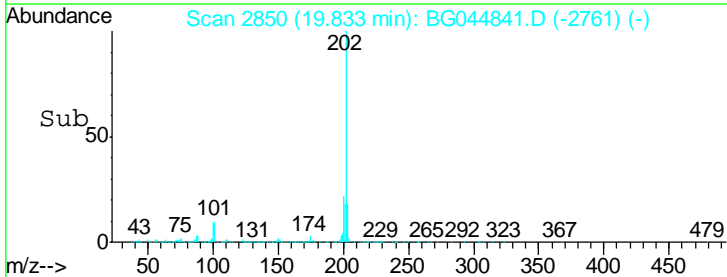
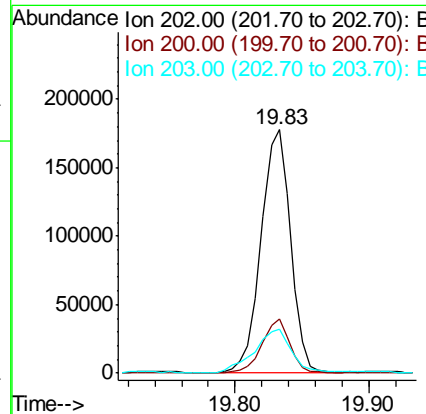
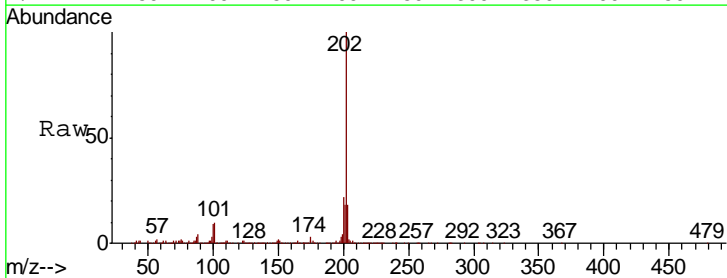
Instrument :
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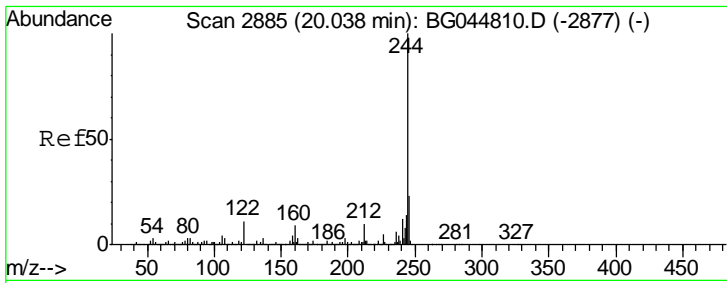
Tgt Ion	Resp	Lower	Upper
240	473618		
120	8.0	6.7	10.1
236	26.7	21.5	32.3



#78
 Pyrene
 Concen: 7.786 ng
 RT: 19.83 min Scan# 2850
 Delta R.T. -0.00 min
 Lab File: BG044841.D
 Acq: 17 Mar 2020 20:30

Tgt Ion	Resp	Lower	Upper
202	270559		
200	22.1	18.3	27.5
203	17.9	15.6	23.4



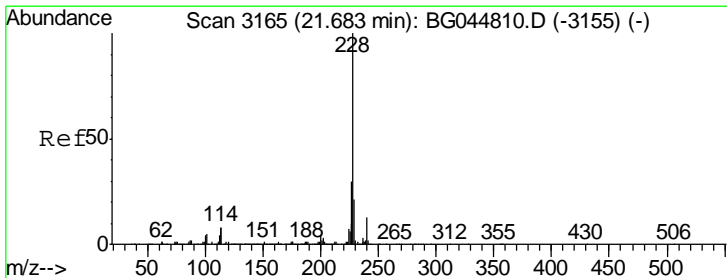
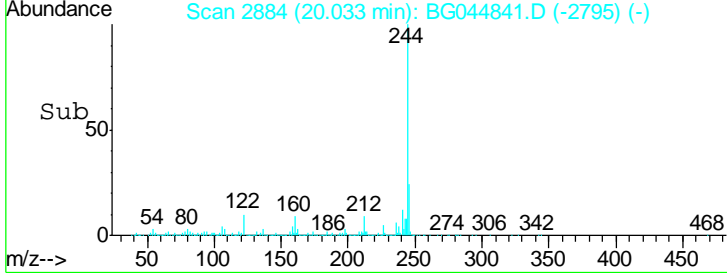
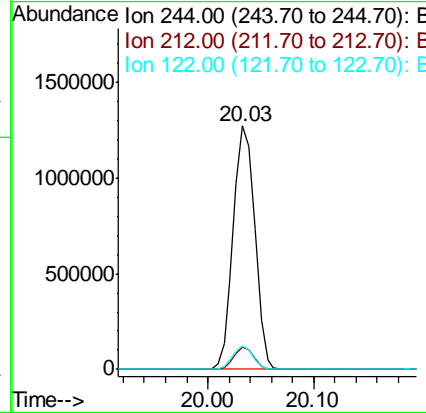
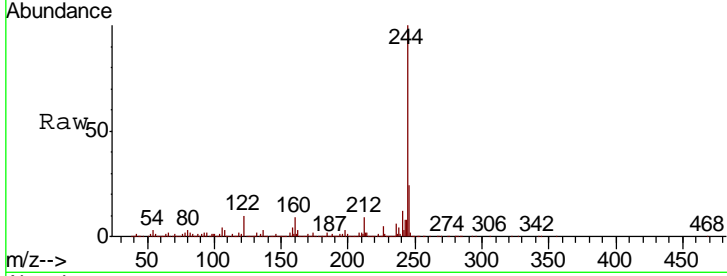


#79
 Terphenyl-d14
 Concen: 71.044 ng
 RT: 20.03 min Scan# 2884
 Delta R.T. -0.00 min
 Lab File: BG044841.D
 Acq: 17 Mar 2020 20:30

Instrument :
 BNA_G
 ClientSampled :
 TP-1-SA

Tgt Ion: 244 Resp: 1798807

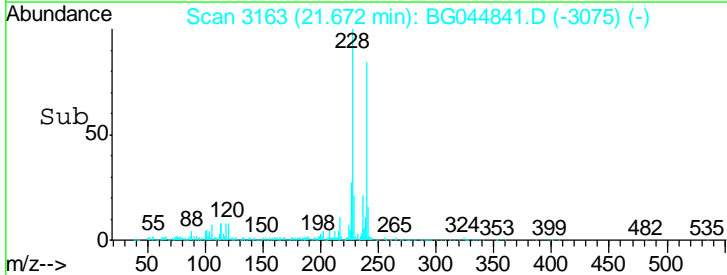
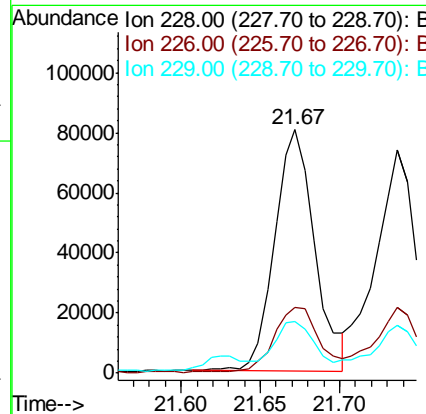
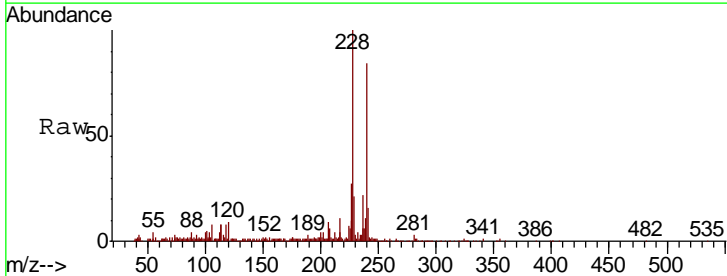
Ion	Ratio	Lower	Upper
244	100		
212	9.1	7.7	11.5
122	9.7	8.6	12.8

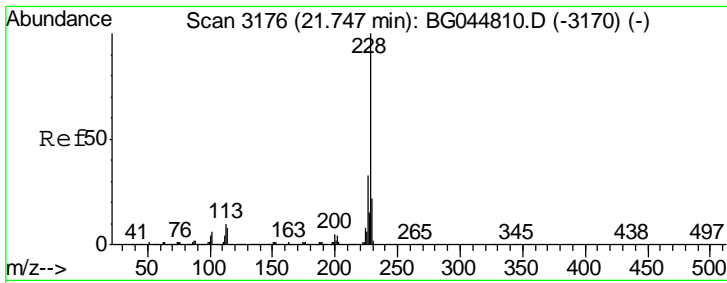


#81
 Benzo(a)anthracene
 Concen: 4.134 ng
 RT: 21.67 min Scan# 3163
 Delta R.T. -0.01 min
 Lab File: BG044841.D
 Acq: 17 Mar 2020 20:30

Tgt Ion: 228 Resp: 140991

Ion	Ratio	Lower	Upper
228	100		
226	27.2	23.6	35.4
229	21.2	17.1	25.7

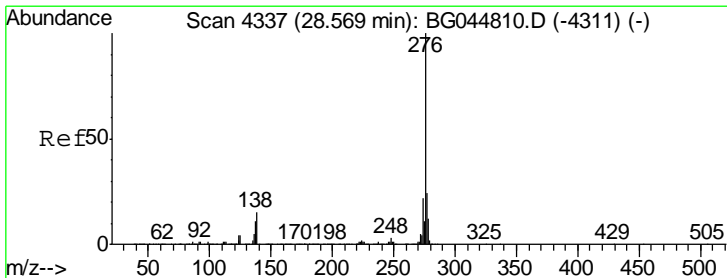
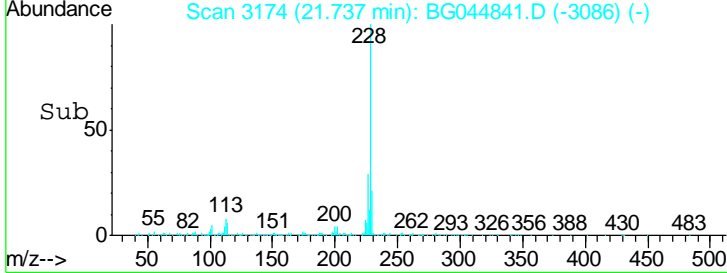
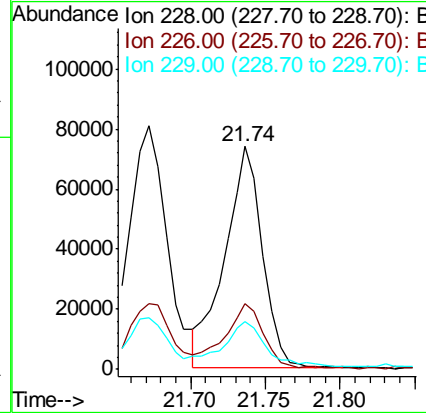
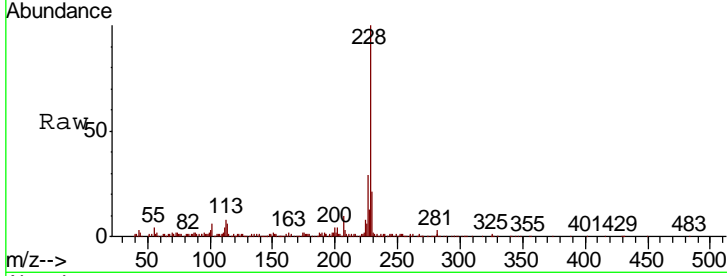




#83
 Chrysene
 Concen: 4.002 ng
 RT: 21.74 min Scan# 3174
 Delta R.T. -0.01 min
 Lab File: BG044841.D
 Acq: 17 Mar 2020 20:30

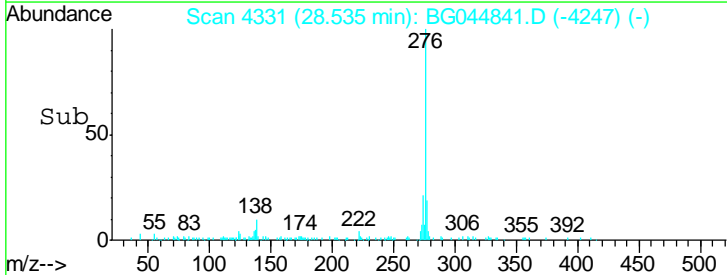
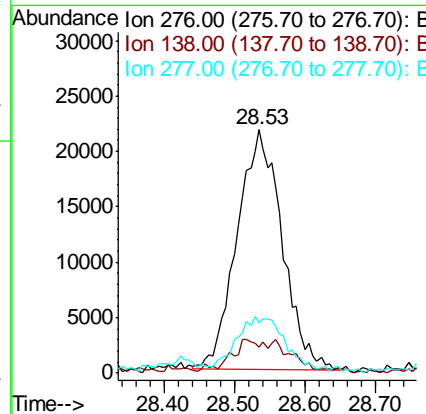
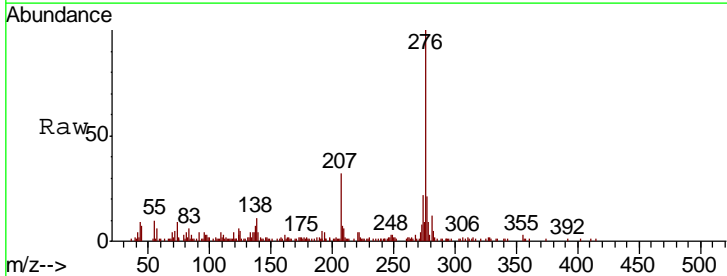
Instrument :
 BNA_G
 ClientSampled :
 TP-1-SA

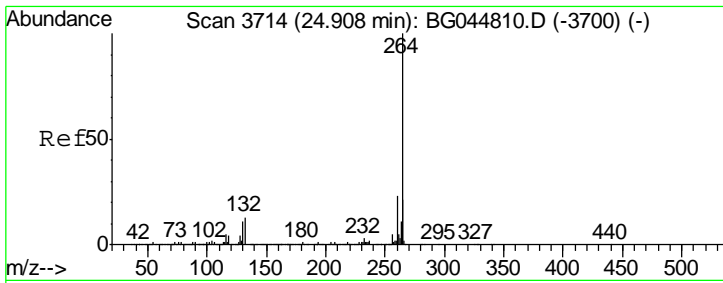
Tgt Ion	Resp	Lower	Upper
228	130372		
226	29.4	25.9	38.9
229	21.5	17.4	26.0



#86
 Indeno(1,2,3-cd)pyrene
 Concen: 2.254 ng
 RT: 28.53 min Scan# 4331
 Delta R.T. -0.03 min
 Lab File: BG044841.D
 Acq: 17 Mar 2020 20:30

Tgt Ion	Resp	Lower	Upper
276	96256		
138	6.2	7.4	11.0#
277	10.2	20.8	31.2#

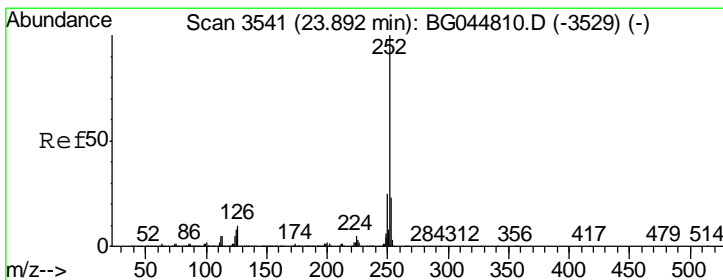
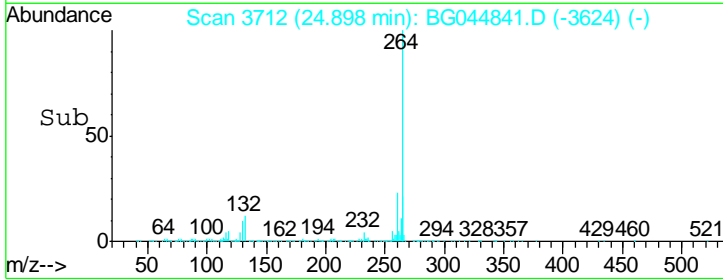
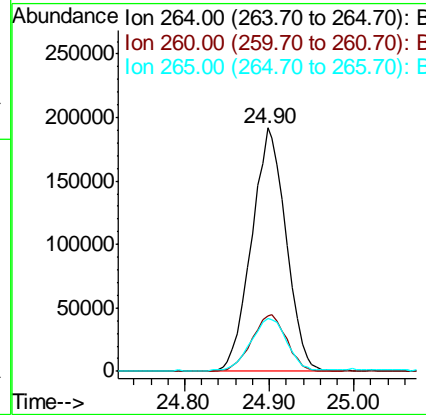
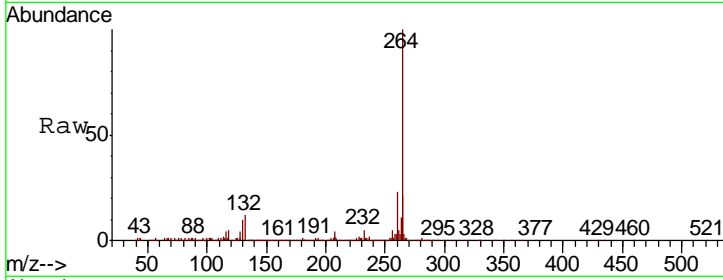




#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.90 min Scan# 3712
 Delta R.T. -0.01 min
 Lab File: BG044841.D
 Acq: 17 Mar 2020 20:30

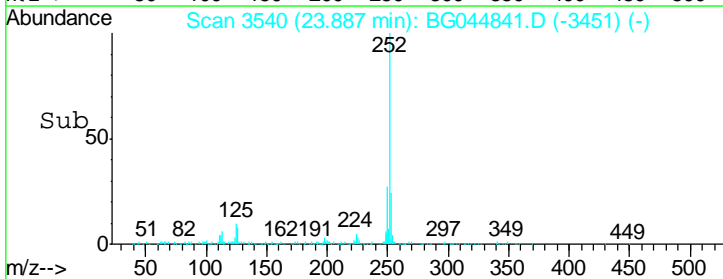
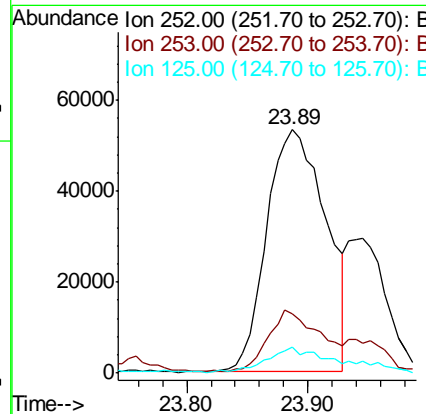
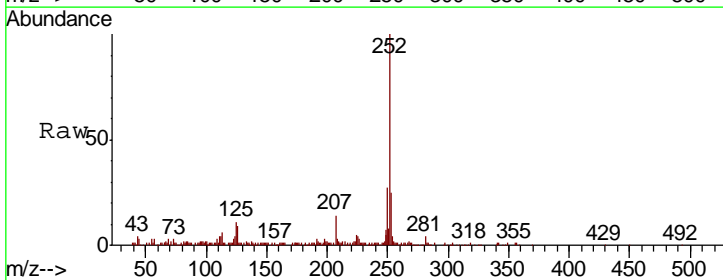
Instrument :
 BNA_G
 ClientSampled :
 TP-1-SA

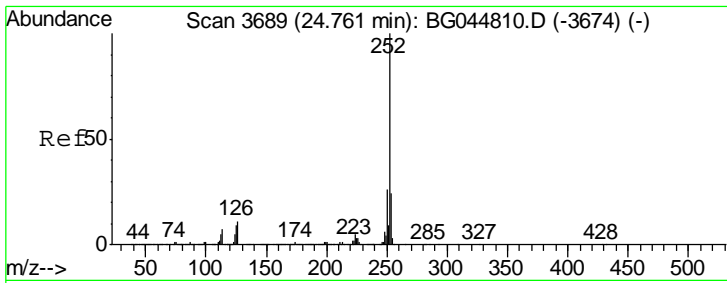
Tgt Ion	Resp	Lower	Upper
264	100		
260	22.9	18.1	27.1
265	21.5	17.1	25.7



#88
 Benzo(b)fluoranthene
 Concen: 5.050 ng
 RT: 23.89 min Scan# 3540
 Delta R.T. -0.00 min
 Lab File: BG044841.D
 Acq: 17 Mar 2020 20:30

Tgt Ion	Resp	Lower	Upper
252	100		
253	24.6	18.1	27.1
125	10.7	6.6	9.8#

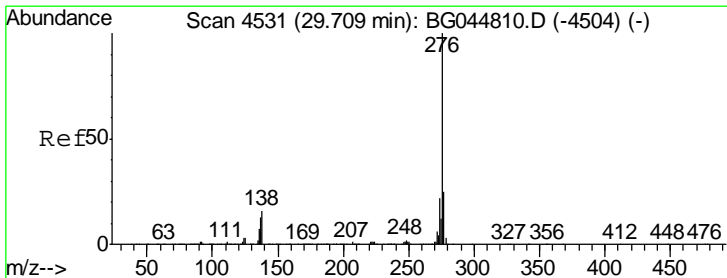
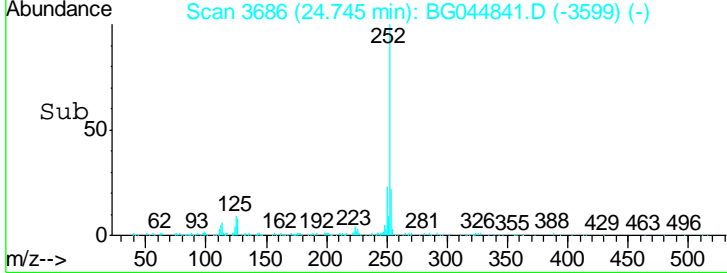
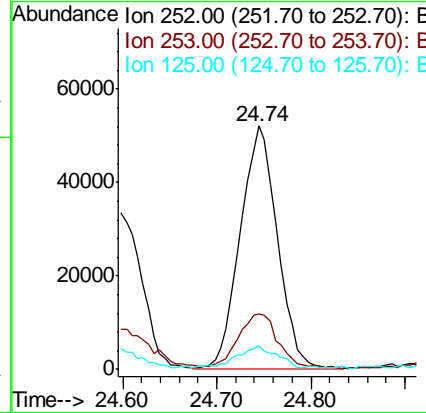
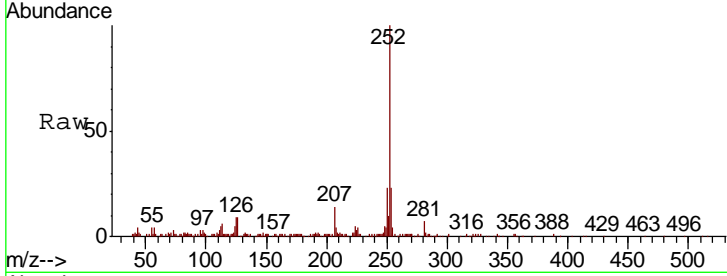




#90
 Benzo(a)pyrene
 Concen: 4.291 ng
 RT: 24.74 min Scan# 3686
 Delta R.T. -0.02 min
 Lab File: BG044841.D
 Acq: 17 Mar 2020 20:30

Instrument :
 BNA_G
 ClientSampled :
 TP-1-SA

Tgt Ion	Resp	Lower	Upper
252	100		
253	22.9	19.4	29.0
125	9.5	7.2	10.8



#92
 Benzo(g,h,i)perylene
 Concen: 2.740 ng
 RT: 29.67 min Scan# 4524
 Delta R.T. -0.04 min
 Lab File: BG044841.D
 Acq: 17 Mar 2020 20:30

Tgt Ion	Resp	Lower	Upper
276	100		
277	21.2	20.1	30.1
138	13.8	13.0	19.6

