

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090420\
 Data File : BG046547.D
 Acq On : 4 Sep 2020 19:20
 Operator : CG/JU
 Sample : L3871-01RE 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-090220

Quant Time: Sep 05 01:02:56 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 02 15:06:53 2020
 Response via : Initial Calibration

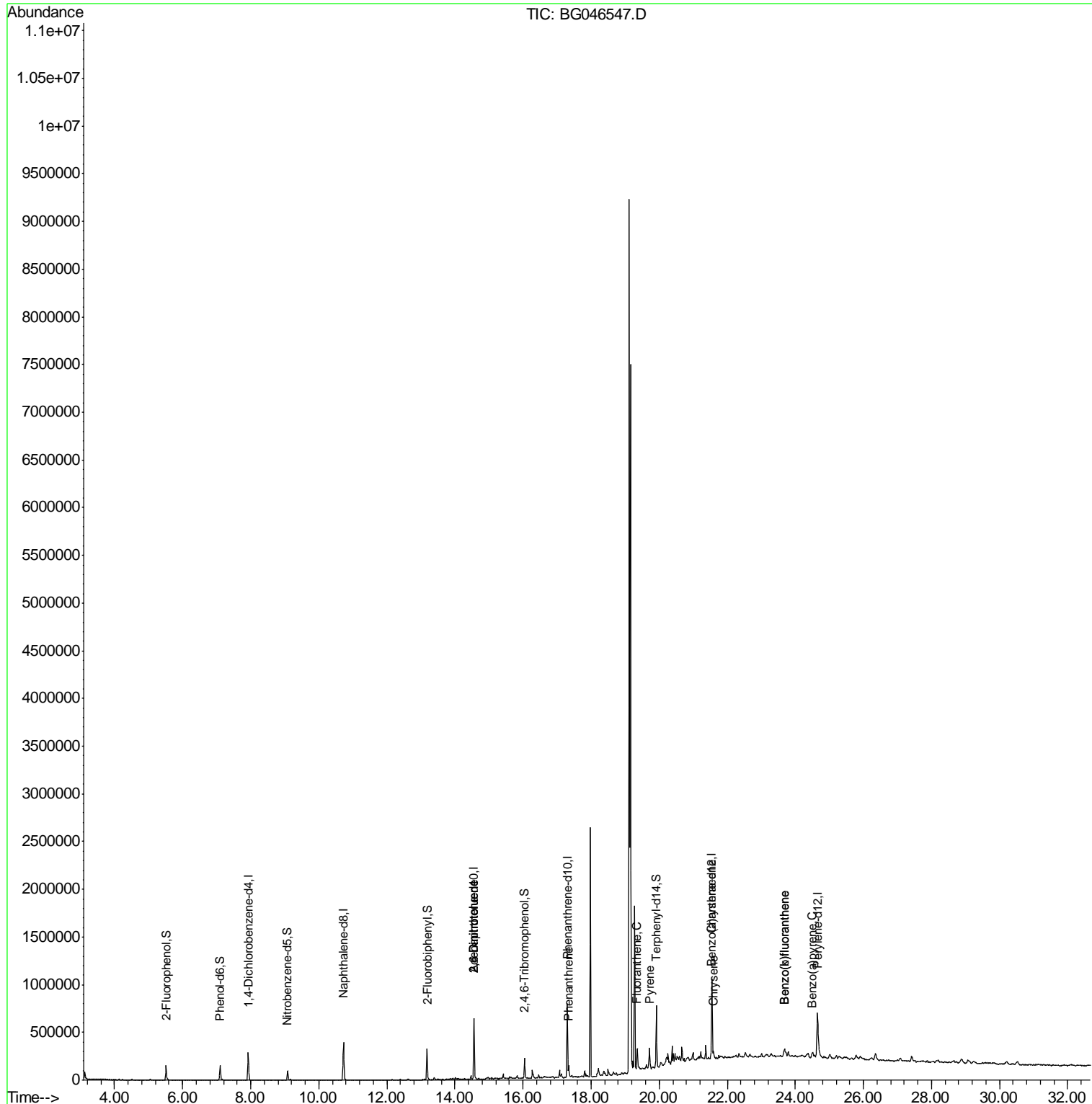
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	90263	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	364972	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	240070	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	509578	20.00	ng	0.00
76) Chrysene-d12	21.55	240	506918	20.00	ng	0.00
86) Perylene-d12	24.65	264	507302	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	77862	15.28	ng	0.00
7) Phenol-d6	7.10	99	102982	14.25	ng	0.00
23) Nitrobenzene-d5	9.08	82	68732	10.76	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	43566	13.39	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	195487	12.43	ng	0.00
79) Terphenyl-d14	19.92	244	278433	11.69	ng	0.00
Target Compounds						
51) 2,6-Dinitrotoluene	14.56	165	33115	8.088	ng	# 33
57) 2,4-Dinitrotoluene	14.56	165	33115	5.673	ng	# 33
71) Phenanthrene	17.34	178	75613	2.927	ng	97
75) Fluoranthene	19.35	202	124615	3.749	ng	97
78) Pyrene	19.72	202	130798	4.052	ng	96
81) Benzo(a)anthracene	21.53	228	63640	2.014	ng	97
83) Chrysene	21.59	228	71578	2.355	ng	97
88) Benzo(b)fluoranthene	23.68	252	83201	2.627	ng	# 90
89) Benzo(k)fluoranthene	23.68	252	83201	2.718	ng	# 91
90) Benzo(a)pyrene	24.50	252	61972	2.096	ng	# 93

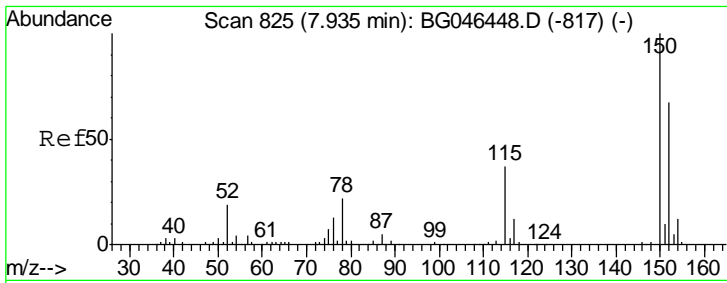
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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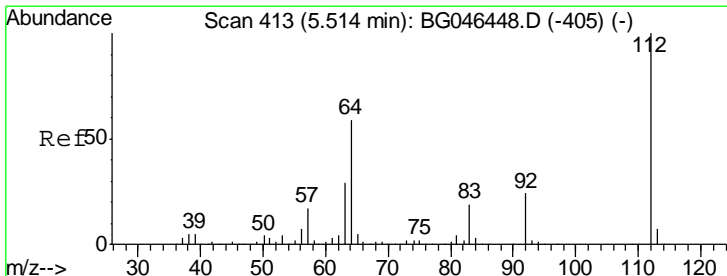
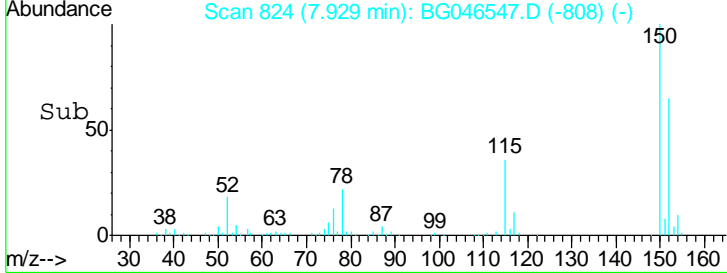
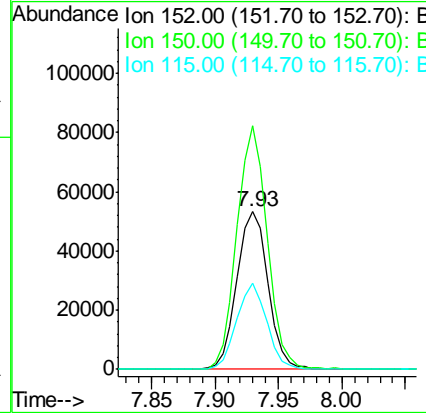
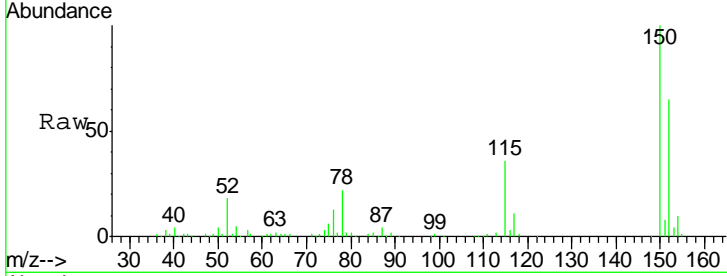




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.93 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BG046547.D
 Acq: 4 Sep 2020 19:20

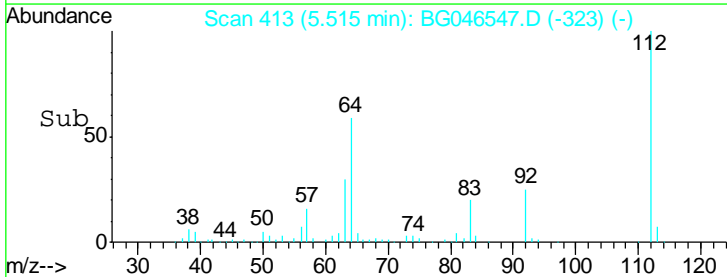
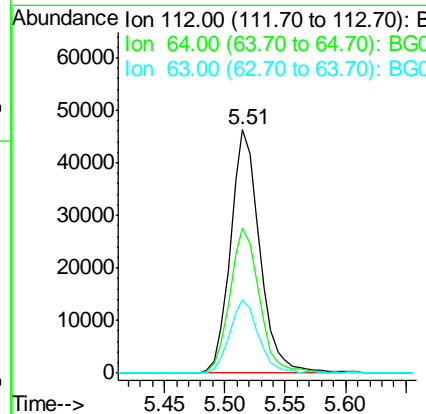
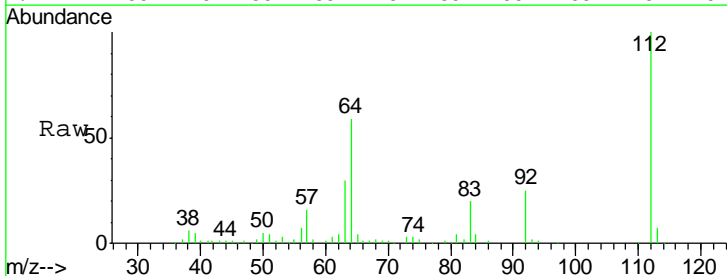
Instrument :
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 ClientSampled :
 TR-05-090220

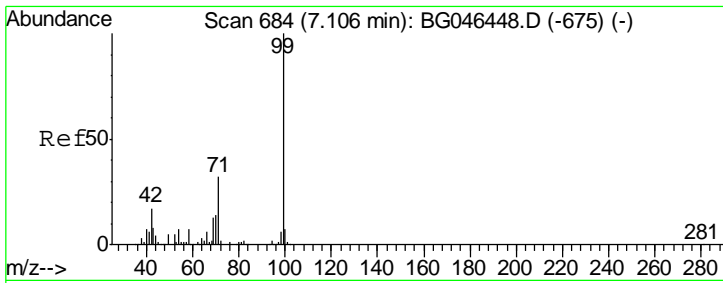
Tgt Ion	Resp	Lower	Upper
152	90263		
150	154.5	119.5	179.3
115	55.0	44.3	66.5



#5
 2-Fluorophenol
 Concen: 15.278 ng
 RT: 5.51 min Scan# 413
 Delta R.T. 0.00 min
 Lab File: BG046547.D
 Acq: 4 Sep 2020 19:20

Tgt Ion	Resp	Lower	Upper
112	77862		
64	59.3	47.0	70.6
63	30.3	23.5	35.3

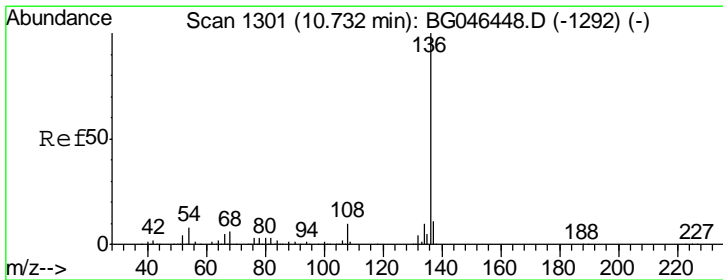
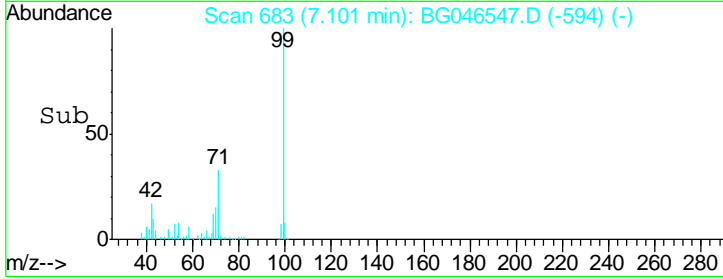
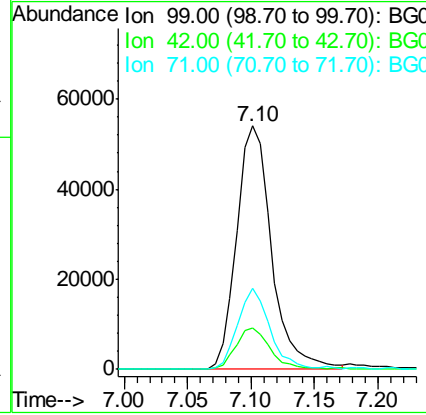
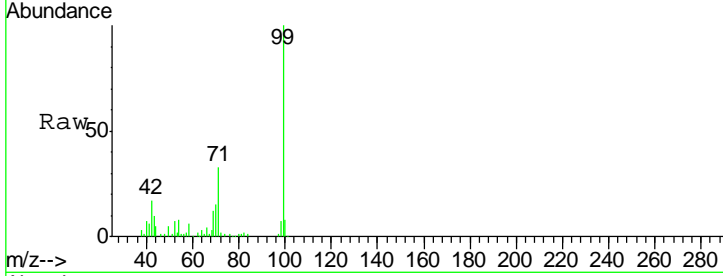




#7
 Phenol-d6
 Concen: 14.255 ng
 RT: 7.10 min Scan# 683
 Delta R.T. -0.01 min
 Lab File: BG046547.D
 Acq: 4 Sep 2020 19:20

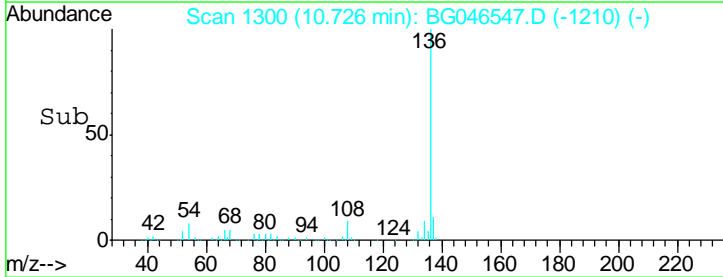
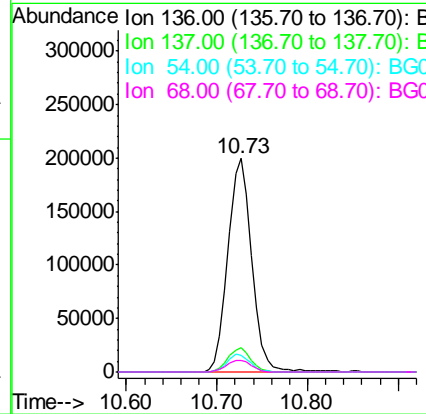
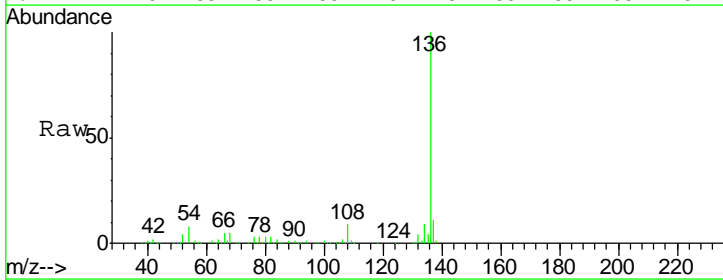
Instrument :
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 ClientSampleId :
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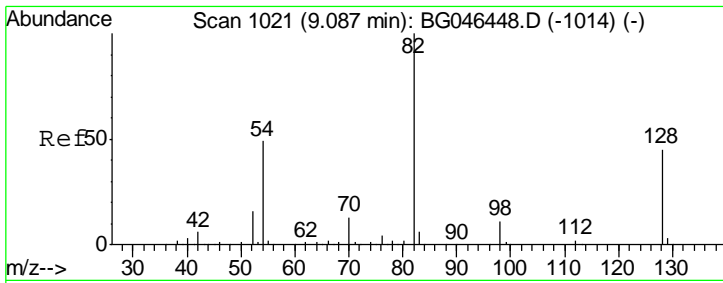
Tgt Ion	Resp	Lower	Upper
99	102982		
42	17.1	13.3	19.9
71	33.3	25.3	37.9



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.73 min Scan# 1300
 Delta R.T. 0.00 min
 Lab File: BG046547.D
 Acq: 4 Sep 2020 19:20

Tgt Ion	Resp	Lower	Upper
136	364972		
137	11.3	8.8	13.2
54	7.7	6.1	9.1
68	5.5	4.8	7.2

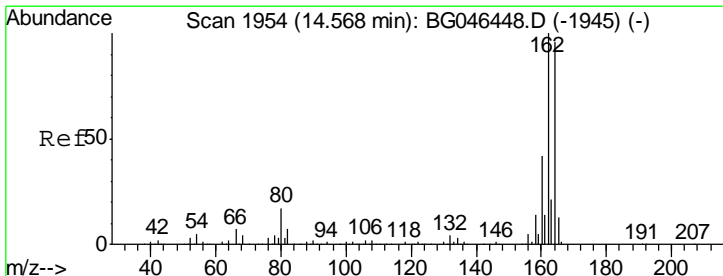
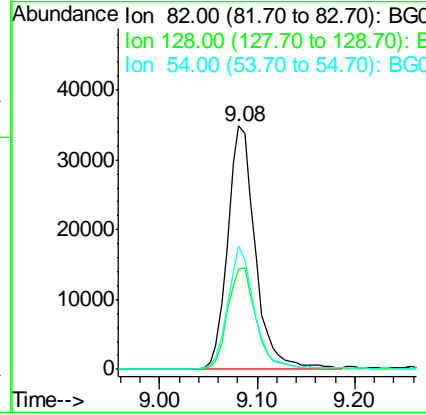
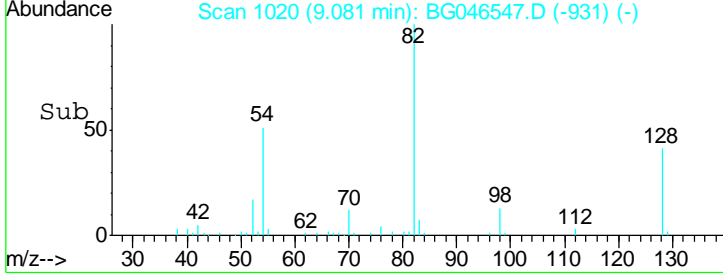
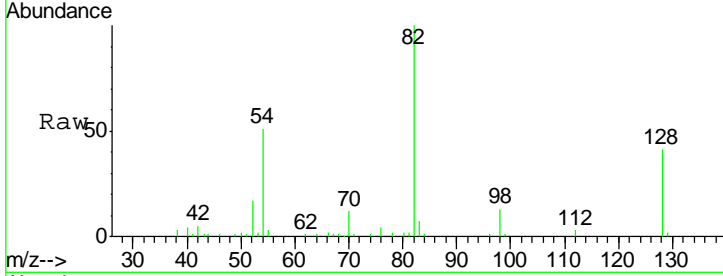




#23
 Nitrobenzene-d5
 Concen: 10.764 ng
 RT: 9.08 min Scan# 1020
 Delta R.T. -0.01 min
 Lab File: BG046547.D
 Acq: 4 Sep 2020 19:20

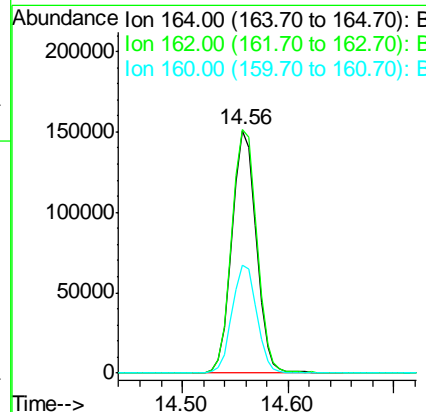
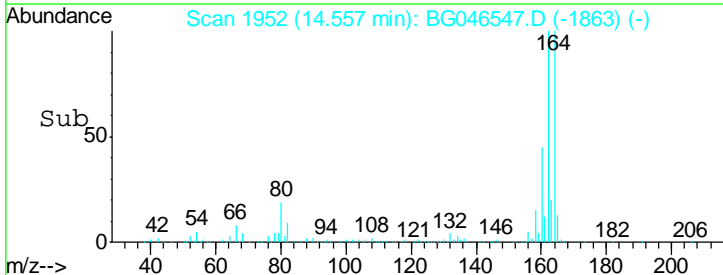
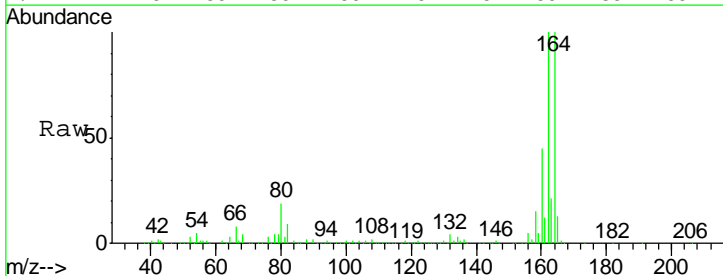
Instrument :
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ClientSampleId :
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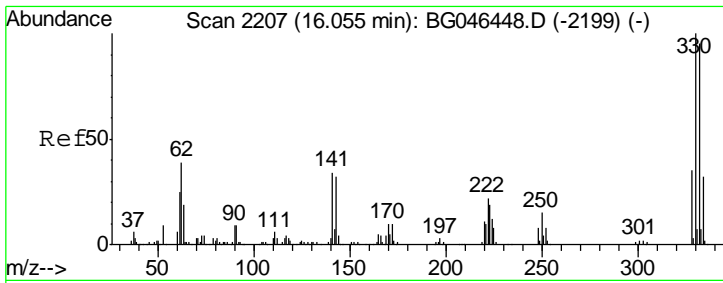
Tgt Ion	Resp	Lower	Upper
82	68732		
128	41.2	35.7	53.5
54	50.7	39.4	59.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.56 min Scan# 1952
 Delta R.T. -0.01 min
 Lab File: BG046547.D
 Acq: 4 Sep 2020 19:20

Tgt Ion	Resp	Lower	Upper
164	240070		
162	100.4	83.3	124.9
160	44.7	35.0	52.6

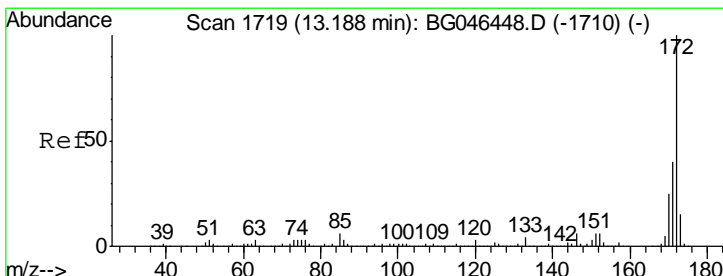
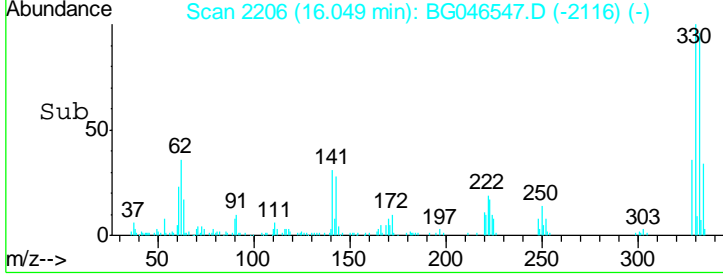
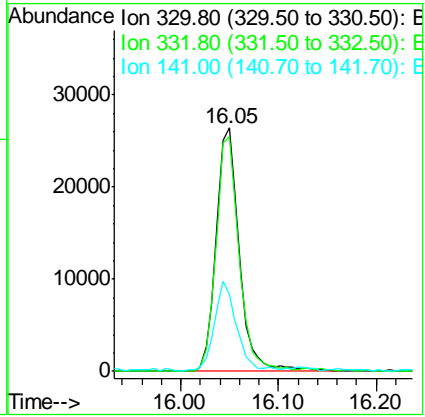
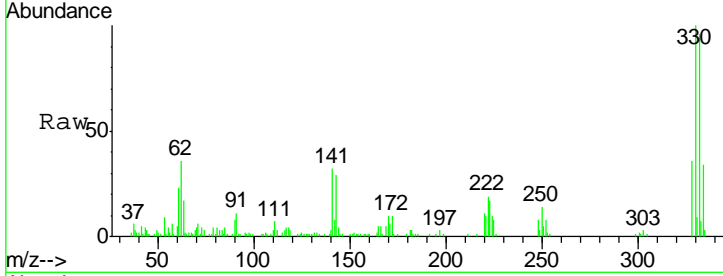




#42
 2,4,6-Tribromophenol
 Concen: 13.393 ng
 RT: 16.05 min Scan# 2206
 Delta R.T. 0.00 min
 Lab File: BG046547.D
 Acq: 4 Sep 2020 19:20

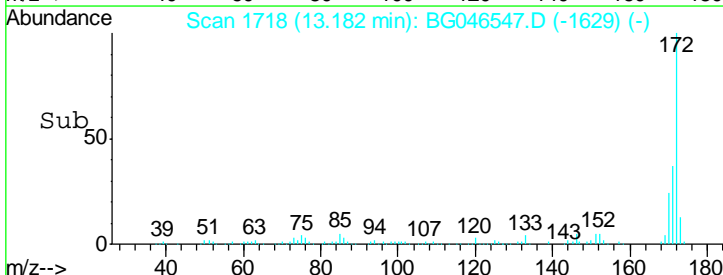
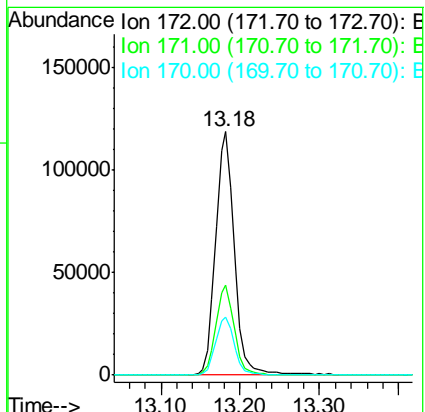
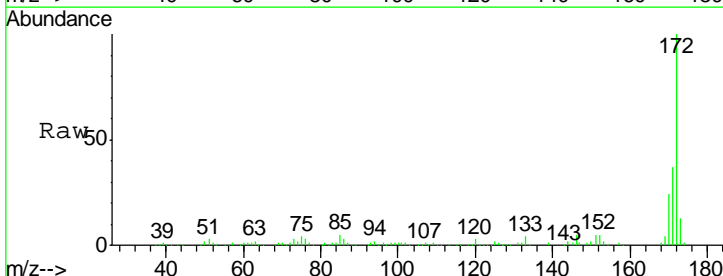
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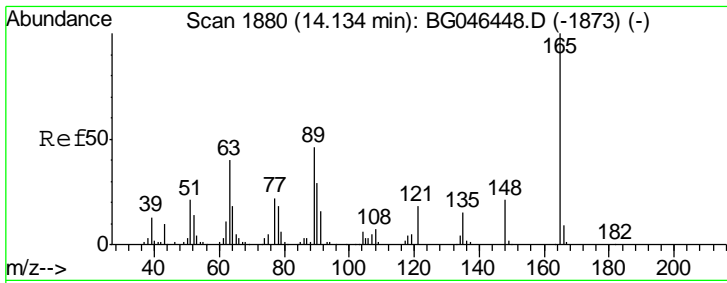
Tgt Ion	Resp	Lower	Upper
330	100		
332	95.4	76.1	114.1
141	35.9	26.1	39.1



#45
 2-Fluorobiphenyl
 Concen: 12.431 ng
 RT: 13.18 min Scan# 1718
 Delta R.T. -0.01 min
 Lab File: BG046547.D
 Acq: 4 Sep 2020 19:20

Tgt Ion	Resp	Lower	Upper
172	100		
171	36.9	31.8	47.6
170	23.6	20.3	30.5

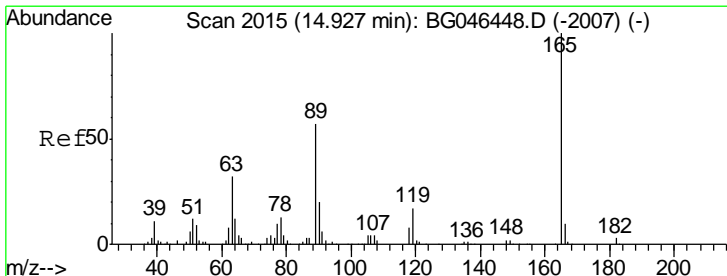
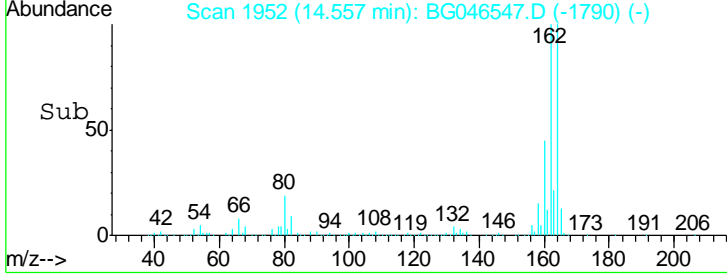
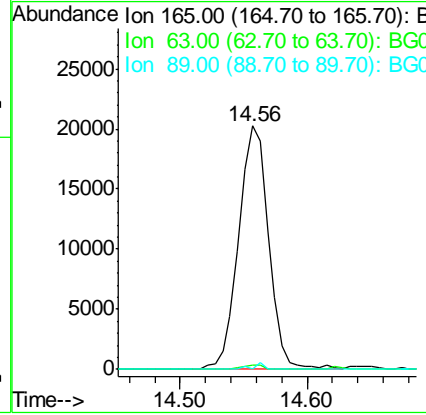
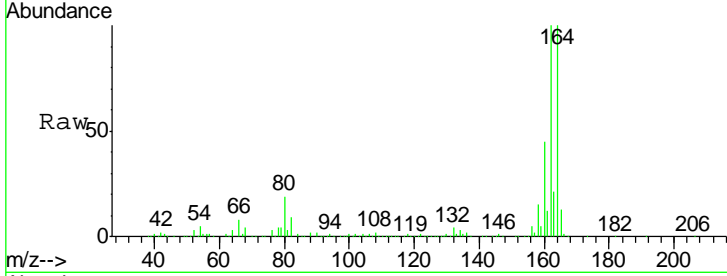




#51
 2,6-Dinitrotoluene
 Concen: 8.088 ng
 RT: 14.56 min Scan# 1952
 Delta R.T. 0.42 min
 Lab File: BG046547.D
 Acq: 4 Sep 2020 19:20

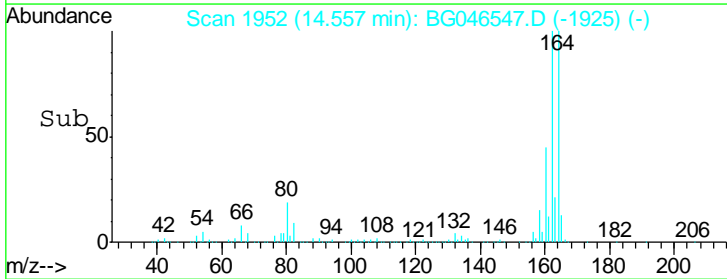
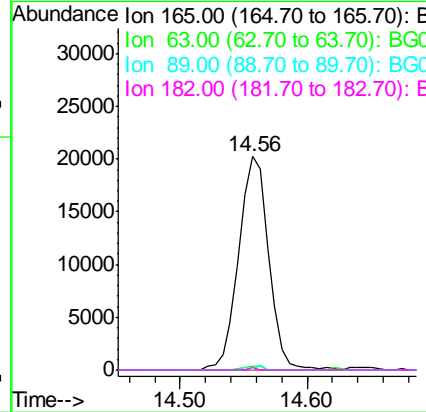
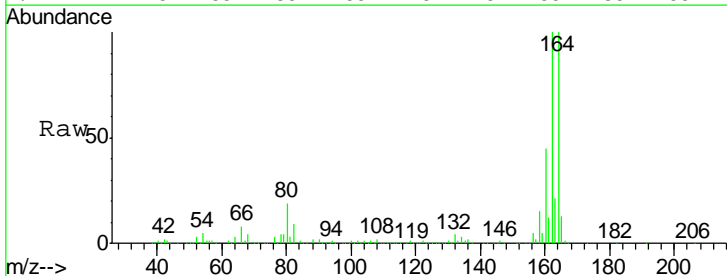
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 ClientSampled :
 TR-05-090220

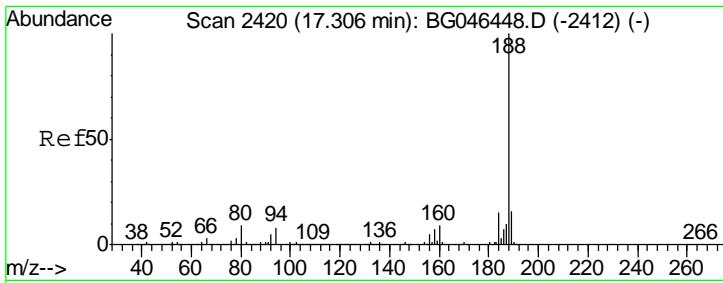
Tgt Ion	Resp	Lower	Upper
165	100		
63	1.7	34.2	51.4#
89	0.0	37.0	55.4#



#57
 2,4-Dinitrotoluene
 Concen: 5.673 ng
 RT: 14.56 min Scan# 1952
 Delta R.T. -0.37 min
 Lab File: BG046547.D
 Acq: 4 Sep 2020 19:20

Tgt Ion	Resp	Lower	Upper
165	100		
63	1.7	25.4	38.0#
89	0.0	45.9	68.9#
182	1.4	2.3	3.5#

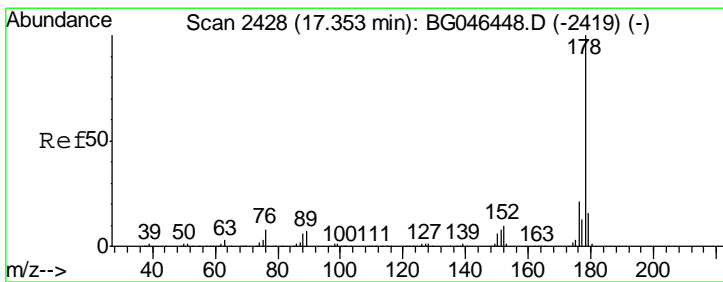
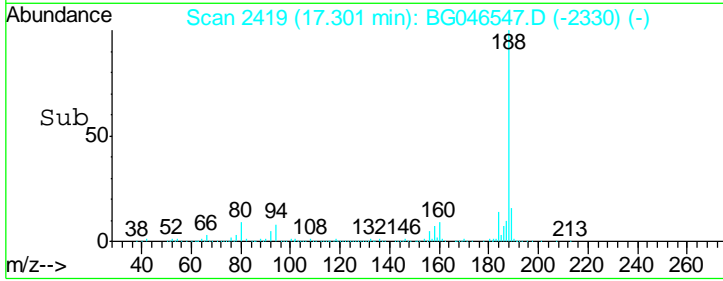
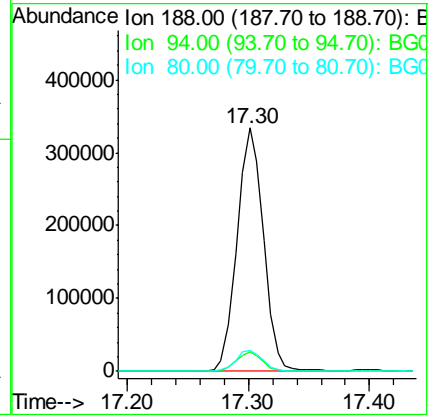
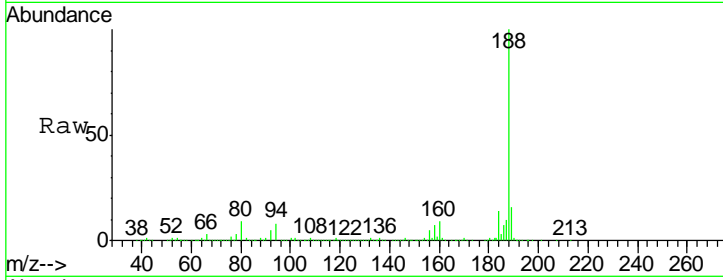




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.30 min Scan# 2419
 Delta R.T. -0.01 min
 Lab File: BG046547.D
 Acq: 4 Sep 2020 19:20

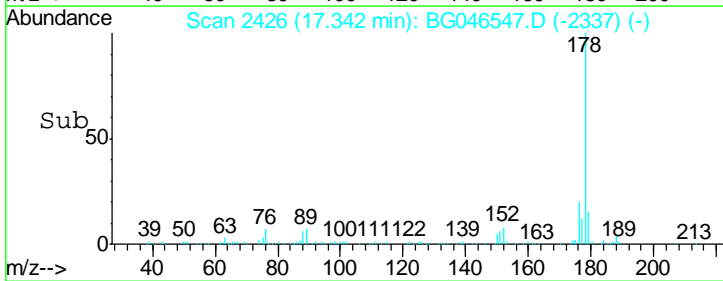
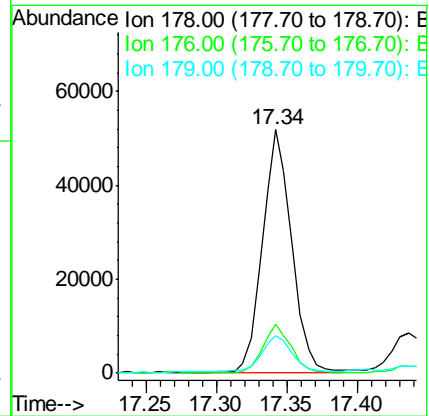
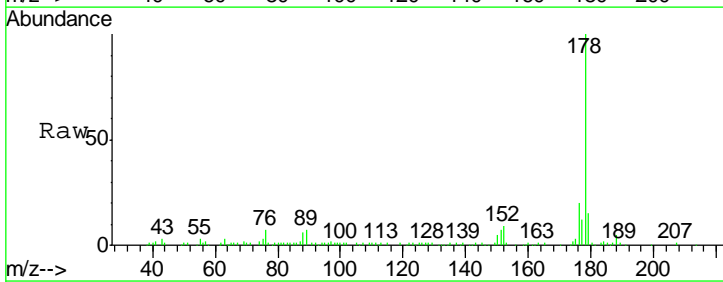
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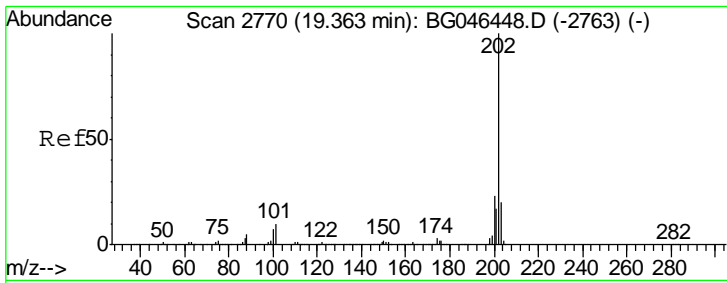
Tgt Ion	Resp	Lower	Upper
188	100		
94	7.9	6.3	9.5
80	8.8	6.9	10.3



#71
 Phenanthrene
 Concen: 2.927 ng
 RT: 17.34 min Scan# 2426
 Delta R.T. -0.01 min
 Lab File: BG046547.D
 Acq: 4 Sep 2020 19:20

Tgt Ion	Resp	Lower	Upper
178	100		
176	19.9	16.8	25.2
179	15.3	13.2	19.8

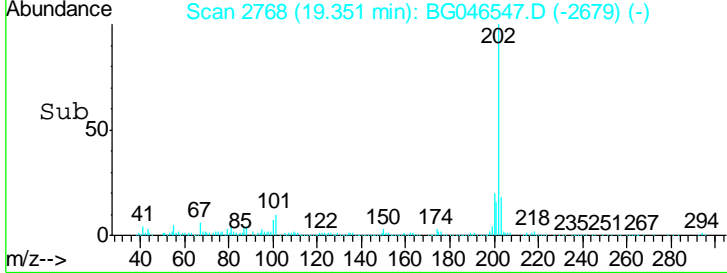
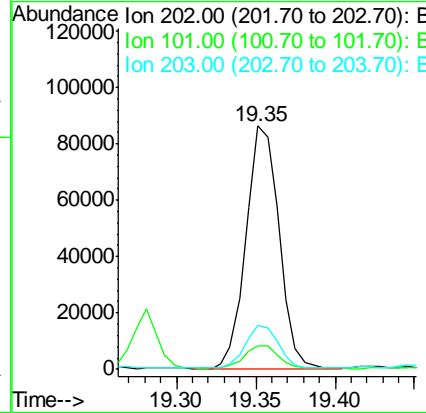
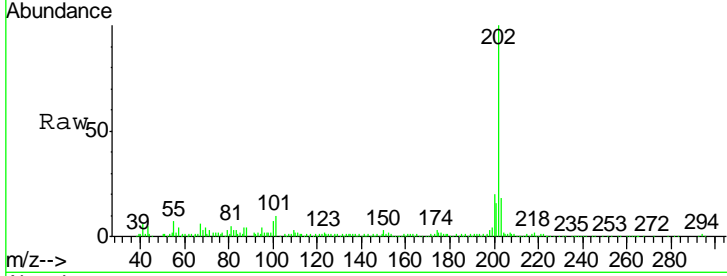




#75
 Fluoranthene
 Concen: 3.749 ng
 RT: 19.35 min Scan# 2768
 Delta R.T. -0.01 min
 Lab File: BG046547.D
 Acq: 4 Sep 2020 19:20

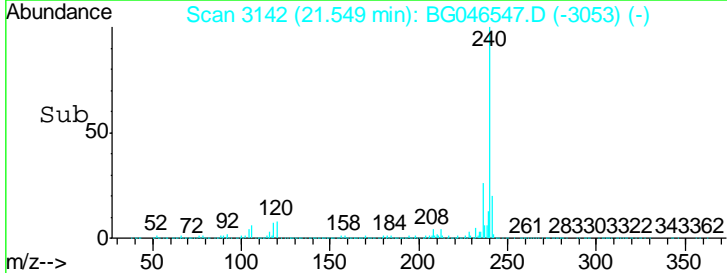
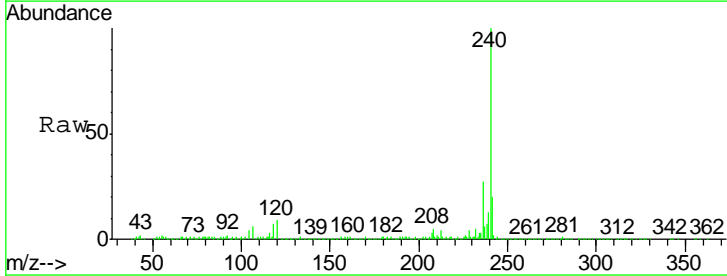
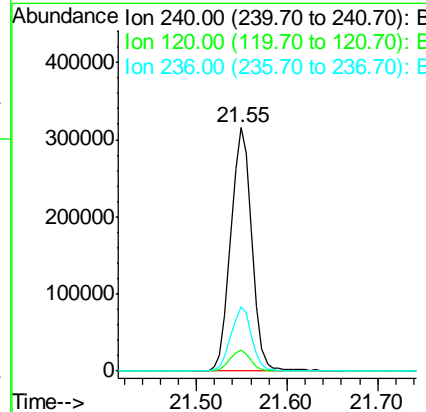
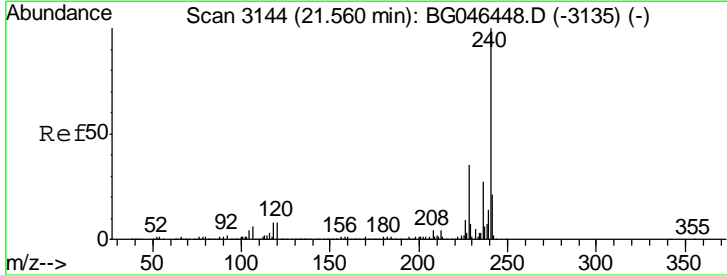
Instrument :
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 ClientSampled :
 TR-05-090220

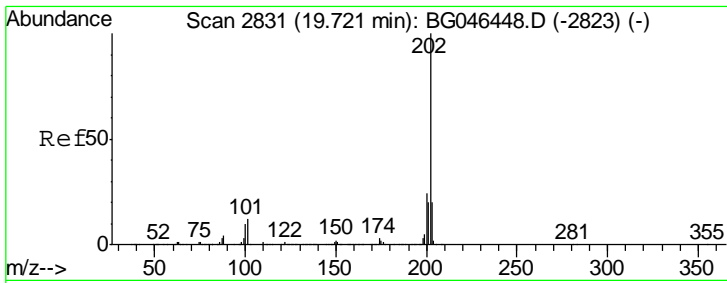
Tgt Ion	Resp	Lower	Upper
202	124615		
101	9.7	0.0	29.9
203	18.2	0.0	40.0



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.55 min Scan# 3142
 Delta R.T. -0.01 min
 Lab File: BG046547.D
 Acq: 4 Sep 2020 19:20

Tgt Ion	Resp	Lower	Upper
240	506918		
120	8.6	6.6	10.0
236	26.6	21.4	32.2

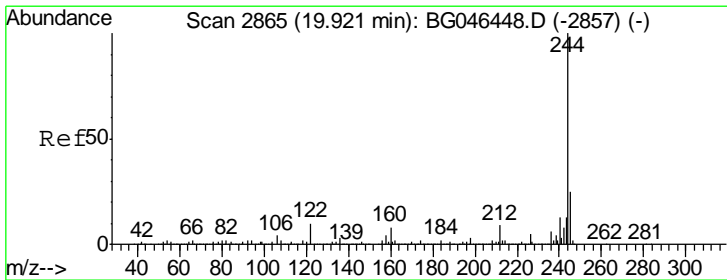
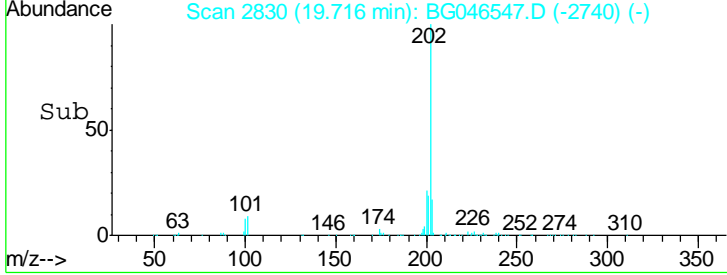
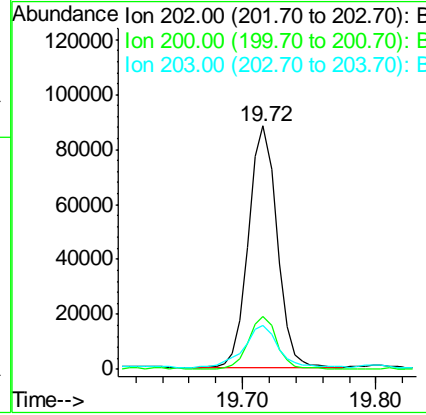
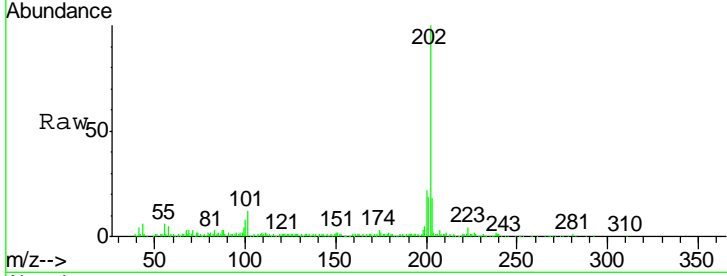




#78
 Pyrene
 Concen: 4.052 ng
 RT: 19.72 min Scan# 2830
 Delta R.T. 0.00 min
 Lab File: BG046547.D
 Acq: 4 Sep 2020 19:20

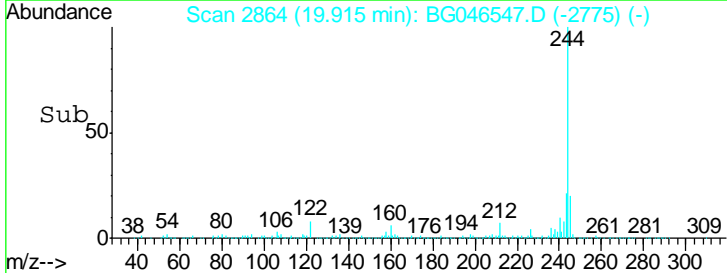
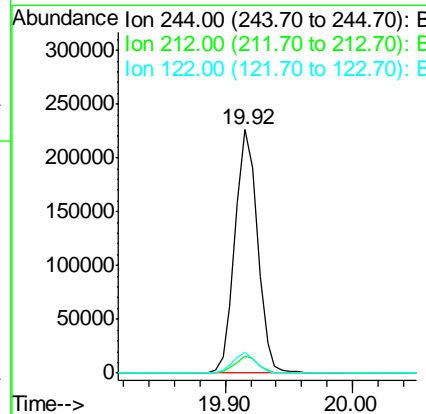
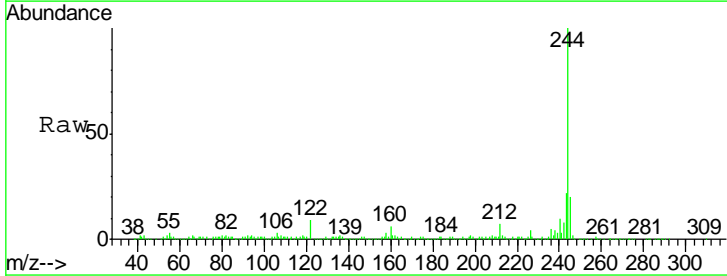
Instrument :
 BNA_G
 ClientSampleId :
 TR-05-090220

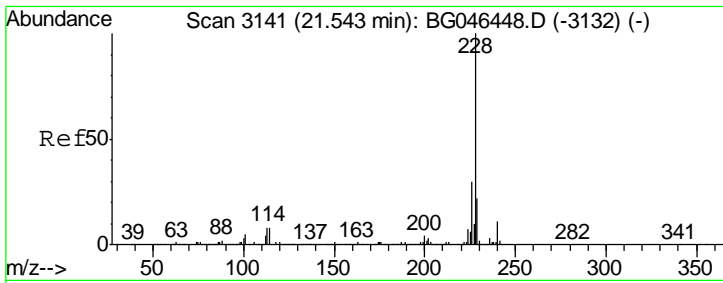
Tgt Ion	Resp	Lower	Upper
202	130798		
200	21.6	18.9	28.3
203	18.2	16.1	24.1



#79
 Terphenyl-d14
 Concen: 11.689 ng
 RT: 19.92 min Scan# 2864
 Delta R.T. -0.01 min
 Lab File: BG046547.D
 Acq: 4 Sep 2020 19:20

Tgt Ion	Resp	Lower	Upper
244	278433		
212	7.1	6.9	10.3
122	8.5	8.2	12.4

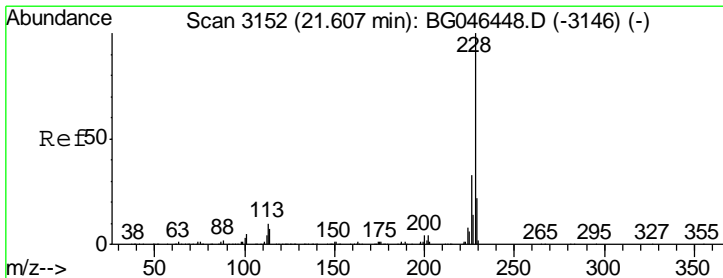
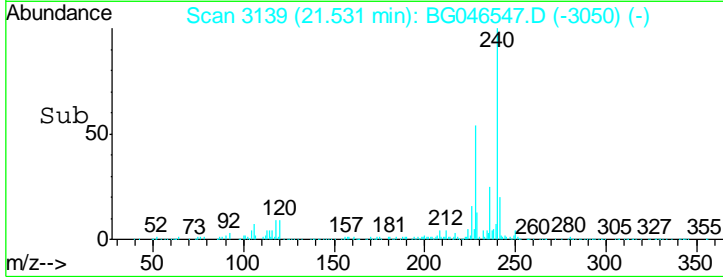
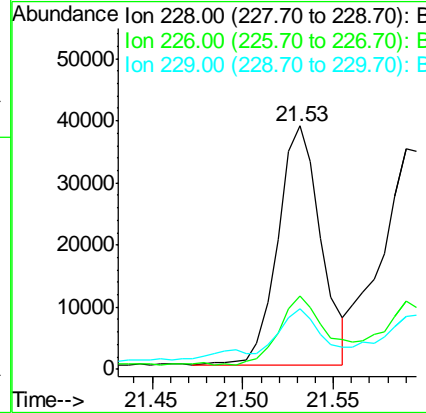
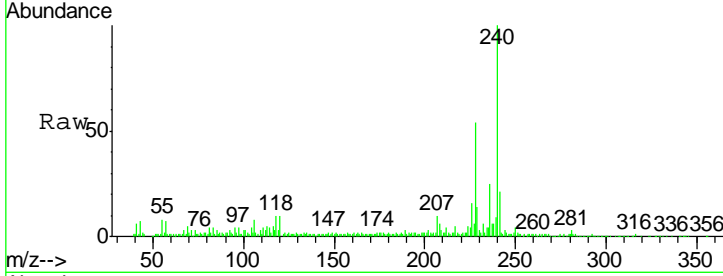




#81
 Benzo(a)anthracene
 Concen: 2.014 ng
 RT: 21.53 min Scan# 3139
 Delta R.T. -0.01 min
 Lab File: BG046547.D
 Acq: 4 Sep 2020 19:20

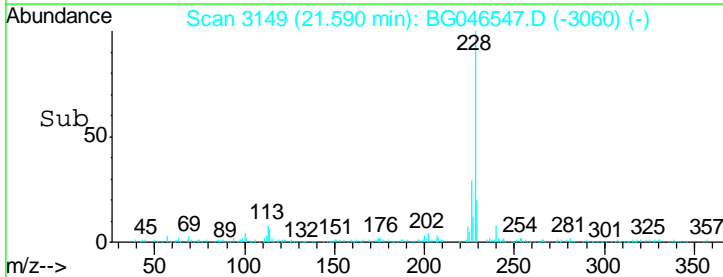
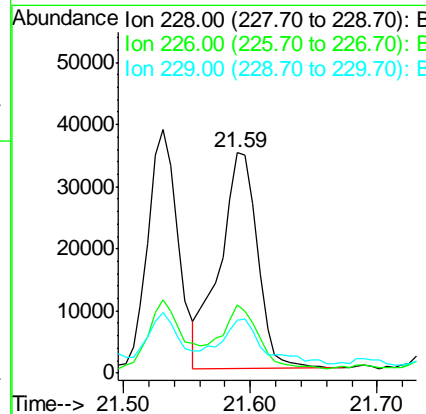
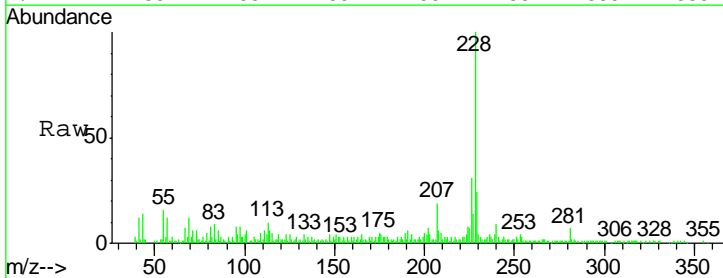
Instrument :
 BNA_G
 ClientSampled :
 TR-05-090220

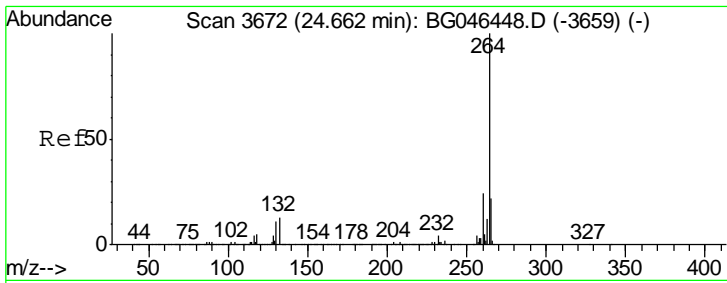
Tgt Ion	Resp	Lower	Upper
228	100		
226	30.3	24.2	36.4
229	25.0	17.4	26.2



#83
 Chrysene
 Concen: 2.355 ng
 RT: 21.59 min Scan# 3149
 Delta R.T. -0.01 min
 Lab File: BG046547.D
 Acq: 4 Sep 2020 19:20

Tgt Ion	Resp	Lower	Upper
228	100		
226	30.9	26.2	39.4
229	23.8	17.9	26.9

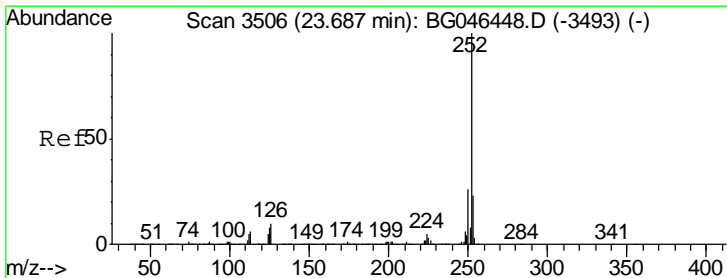
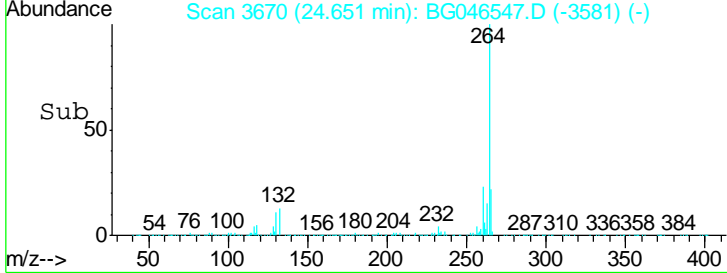
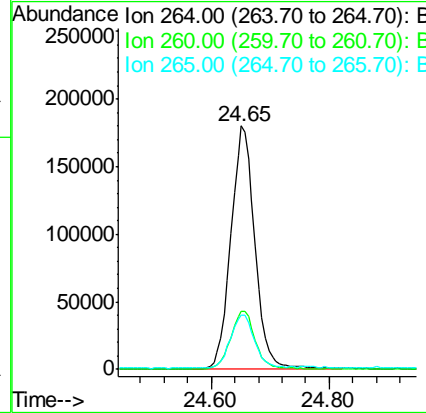
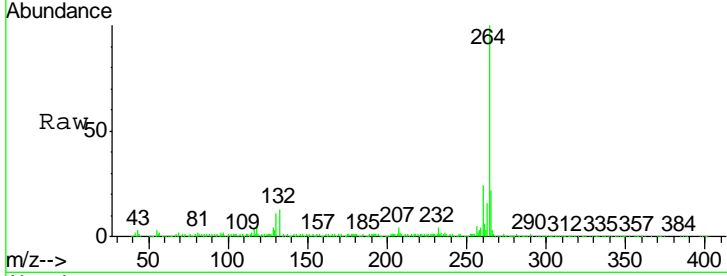




#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.65 min Scan# 3670
 Delta R.T. -0.01 min
 Lab File: BG046547.D
 Acq: 4 Sep 2020 19:20

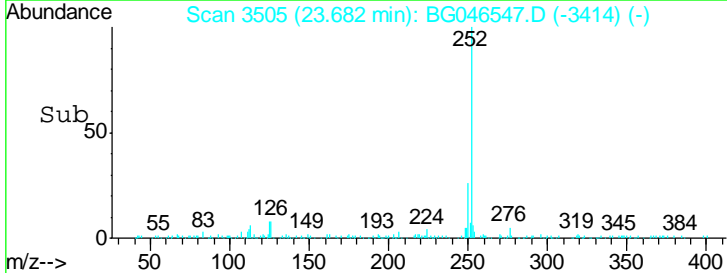
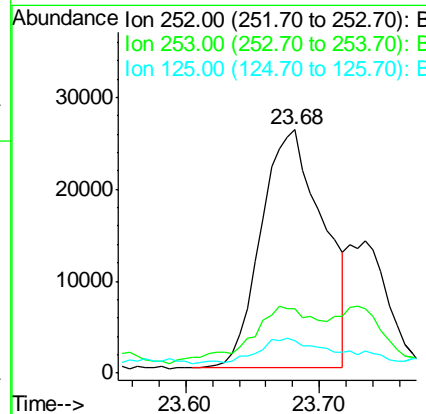
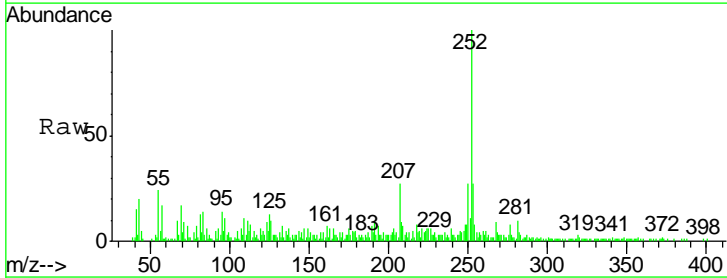
Instrument :
 BNA_G
 ClientSampleID :
 TR-05-090220

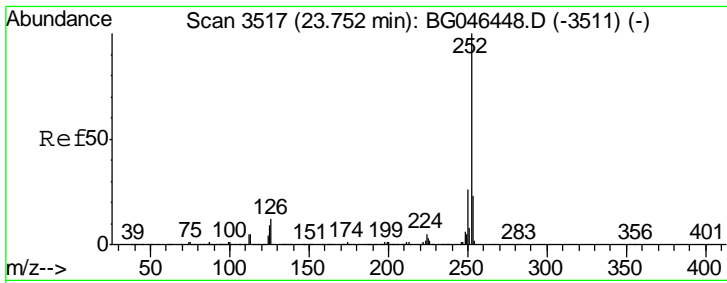
Tgt Ion	Resp	Lower	Upper
264	507302		
260	23.7	19.2	28.8
265	22.4	17.9	26.9



#88
 Benzo(b)fluoranthene
 Concen: 2.627 ng
 RT: 23.68 min Scan# 3505
 Delta R.T. 0.01 min
 Lab File: BG046547.D
 Acq: 4 Sep 2020 19:20

Tgt Ion	Resp	Lower	Upper
252	83201		
253	26.6	18.2	27.4
125	13.1	6.2	9.2#

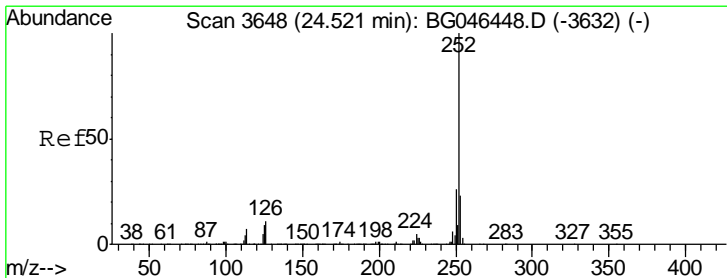
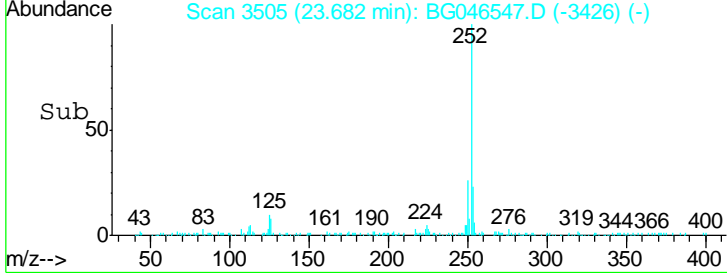
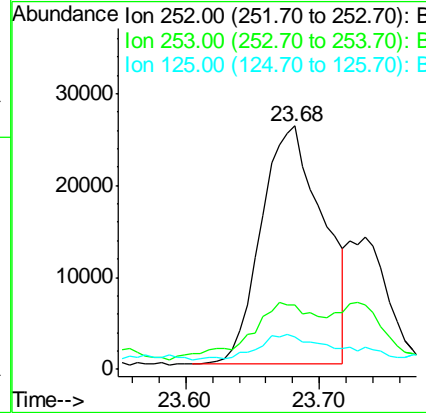
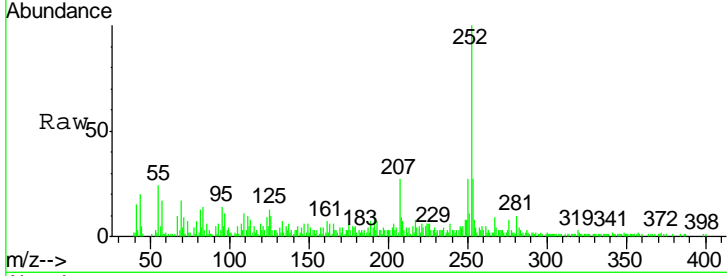




#89
 Benzo(k)fluoranthene
 Concen: 2.718 ng
 RT: 23.68 min Scan# 3505
 Delta R.T. -0.06 min
 Lab File: BG046547.D
 Acq: 4 Sep 2020 19:20

Instrument :
 BNA_G
 ClientSampled :
 TR-05-090220

Tgt Ion	Resp	Lower	Upper
252	100		
253	26.6	18.5	27.7
125	13.1	6.8	10.2



#90
 Benzo(a)pyrene
 Concen: 2.096 ng
 RT: 24.50 min Scan# 3644
 Delta R.T. -0.01 min
 Lab File: BG046547.D
 Acq: 4 Sep 2020 19:20

Tgt Ion	Resp	Lower	Upper
252	100		
253	25.3	18.2	27.4
125	13.3	7.4	11.0

