

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090120\
 Data File : BG046493.D
 Acq On : 1 Sep 2020 20:49
 Operator : CG/JU
 Sample : L3849-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 232

Quant Time: Sep 02 01:11:47 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 31 16:05:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	65932	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	260065	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	184385	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	499451	20.00	ng	0.00
76) Chrysene-d12	21.55	240	547607	20.00	ng	0.00
86) Perylene-d12	24.65	264	563182	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	408964	109.86	ng	0.00
7) Phenol-d6	7.10	99	496401	94.07	ng	0.00
23) Nitrobenzene-d5	9.08	82	389195	85.53	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	325404	130.25	ng	0.00
45) 2-Fluorobiphenyl	13.19	172	988276	81.82	ng	0.00
79) Terphenyl-d14	19.92	244	1913051	74.35	ng	0.00

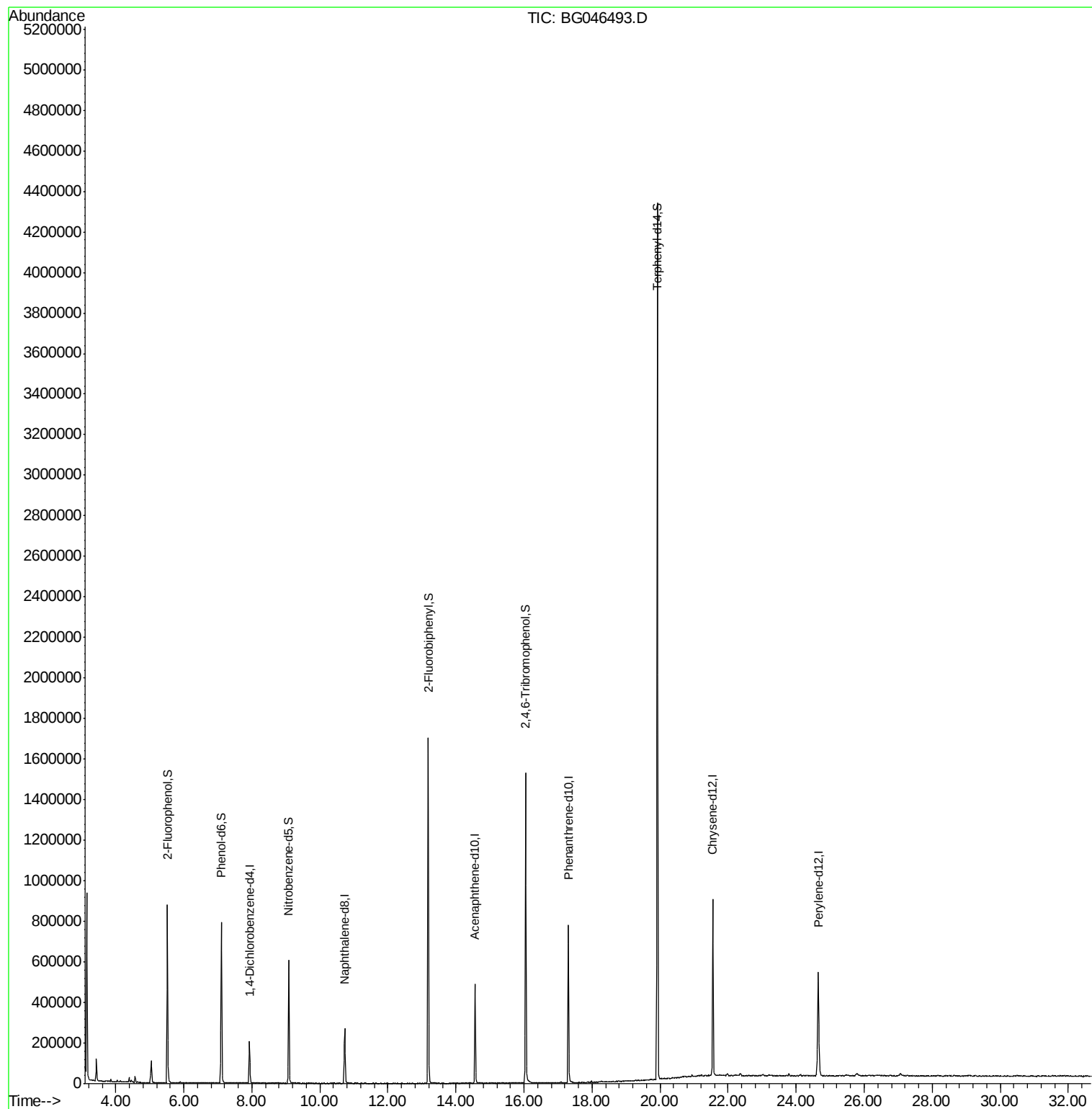
Target Compounds Qvalue

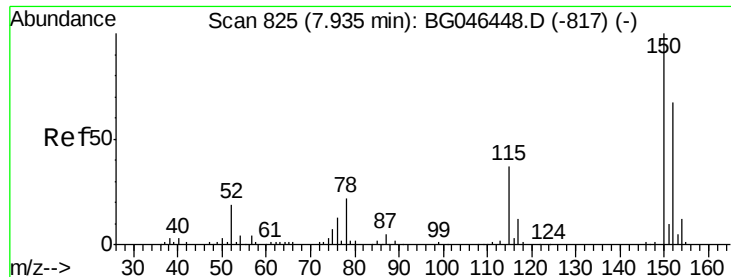
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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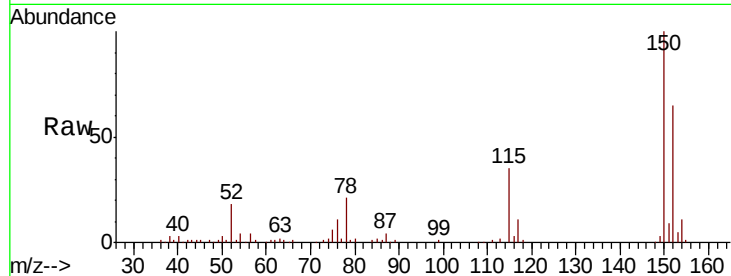


#1

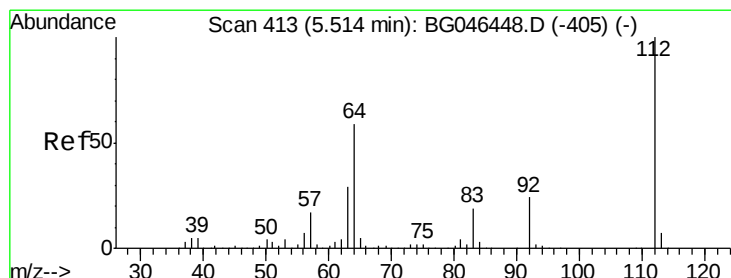
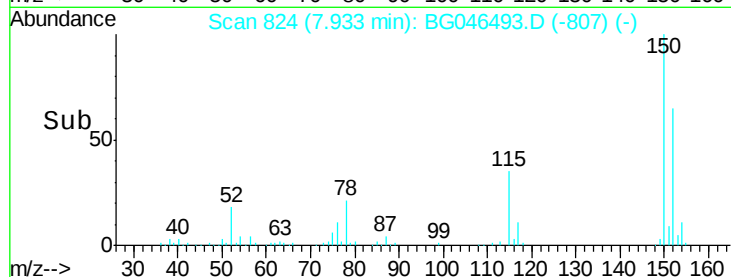
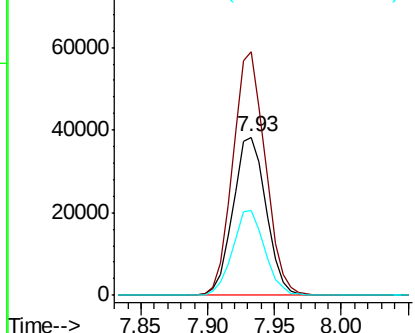
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.93 min Scan# 824
 Delta R.T. 0.00 min
 Lab File: BG046493.D
 Acq: 1 Sep 2020 20:49

Instrument :
 BNA_G
 ClientSampleId :
 232

Tot Ion	152	Resp	65932
Ion Ratio	Lower	Upper	
152	100		
150	153.7	119.5	179.3
115	53.5	44.3	66.5



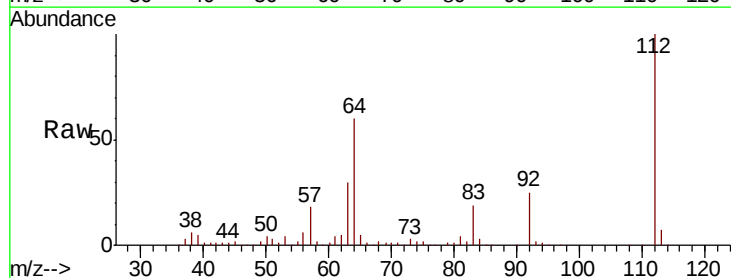
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



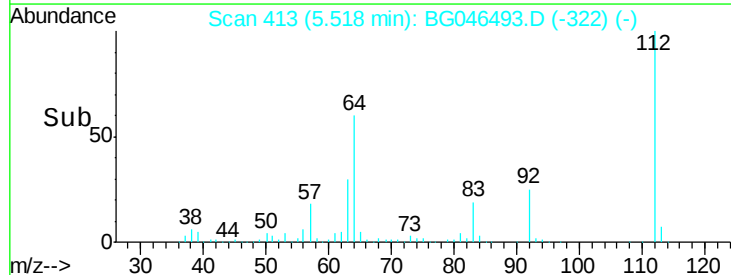
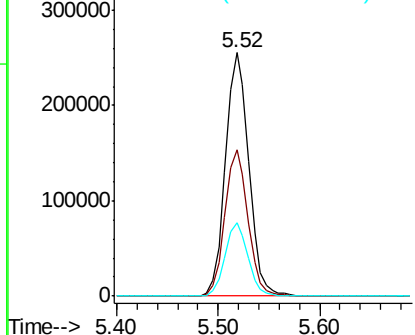
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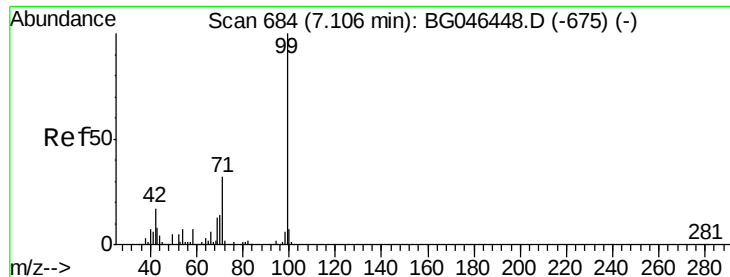
2-Fluorophenol
 Concen: 109.863 ng
 RT: 5.52 min Scan# 413
 Delta R.T. 0.01 min
 Lab File: BG046493.D
 Acq: 1 Sep 2020 20:49

Tgt Ion	112	Resp	408964
Ion Ratio	Lower	Upper	
112	100		
64	60.0	47.0	70.6
63	30.3	23.5	35.3



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BGC
 Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 94.069 ng

RT: 7.10 min Scan# 683

Delta R.T. 0.00 min

Lab File: BG046493.D

Acq: 1 Sep 2020 20:49

Instrument :

BNA_G

ClientSampleId :

232

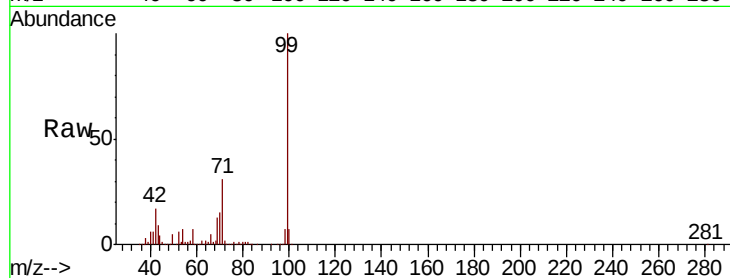
Tot Ion: 99 Resp: 496401

Ion Ratio Lower Upper

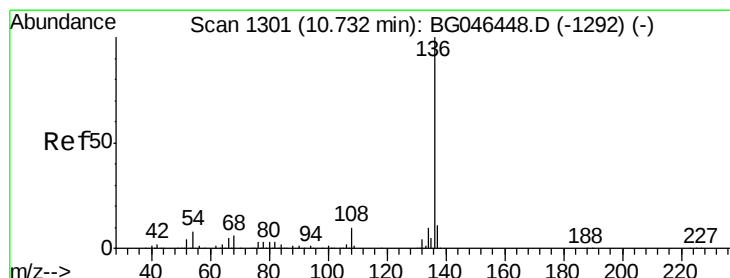
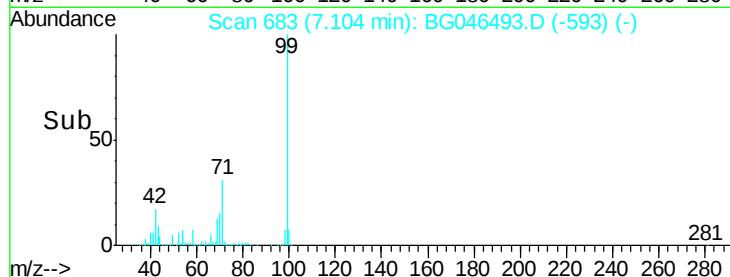
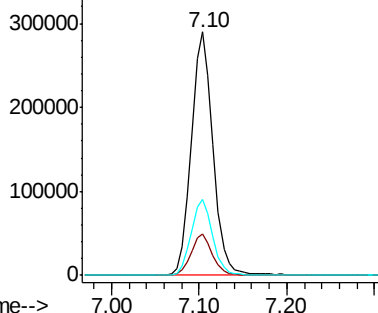
99 100

42 16.9 13.3 19.9

71 31.2 25.3 37.9



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.73 min Scan# 1300

Delta R.T. 0.00 min

Lab File: BG046493.D

Acq: 1 Sep 2020 20:49

Tgt Ion: 136 Resp: 260065

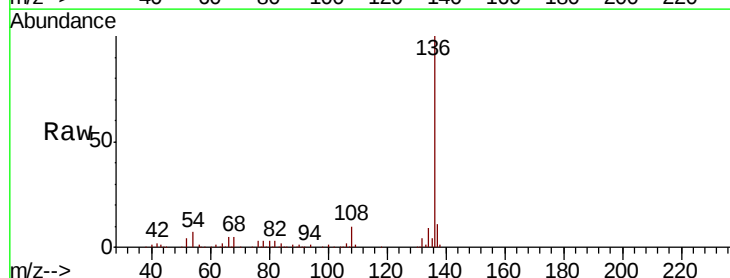
Ion Ratio Lower Upper

136 100

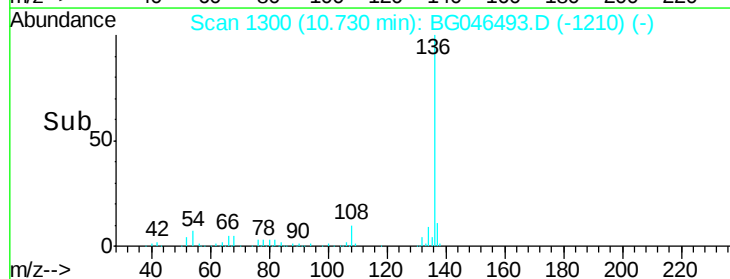
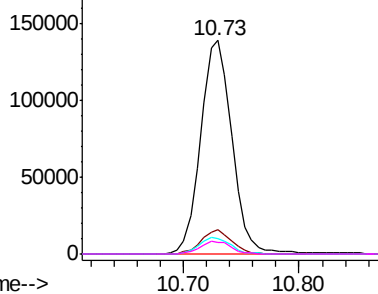
137 11.2 8.8 13.2

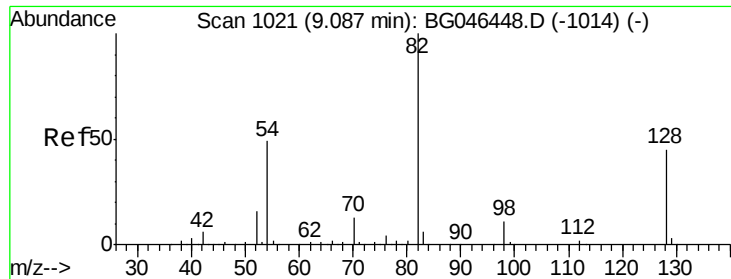
54 7.5 6.1 9.1

68 5.3 4.8 7.2



Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

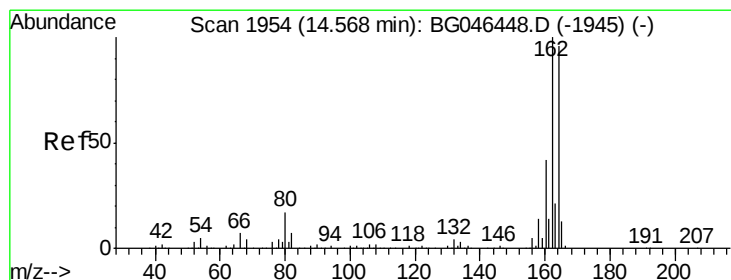
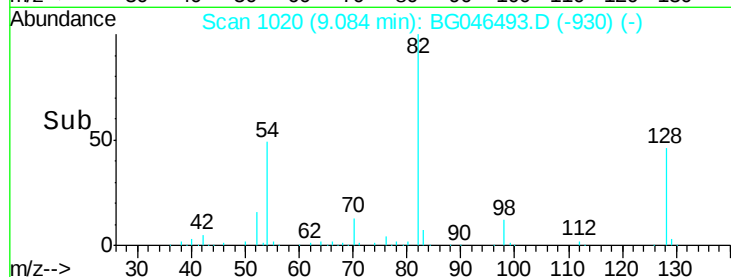
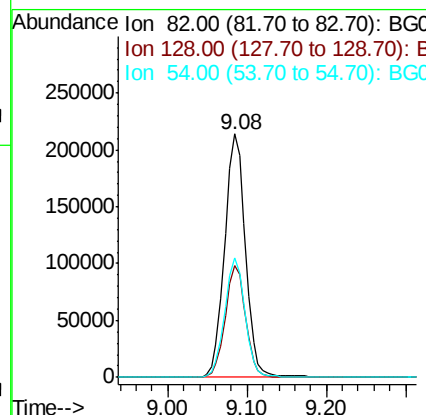
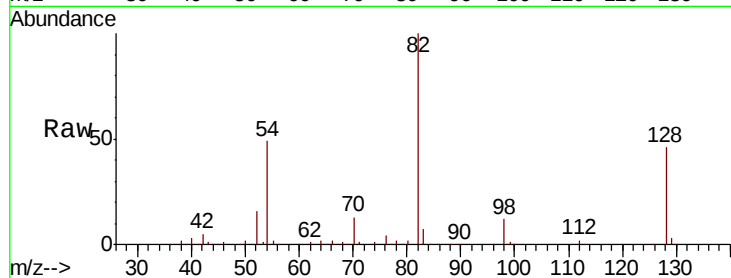




#23
 Nitrobenzene-d5
 Concen: 85.534 ng
 RT: 9.08 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: BG046493.D
 Acq: 1 Sep 2020 20:49

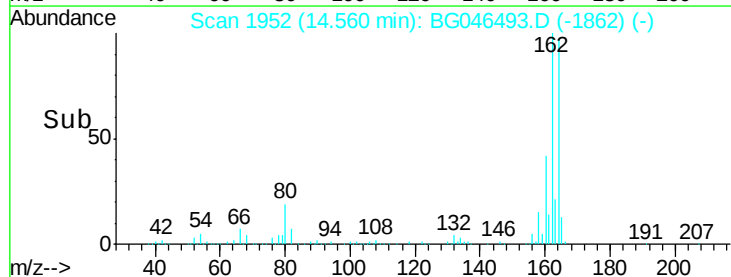
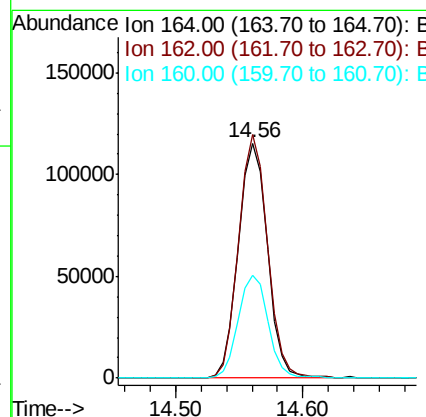
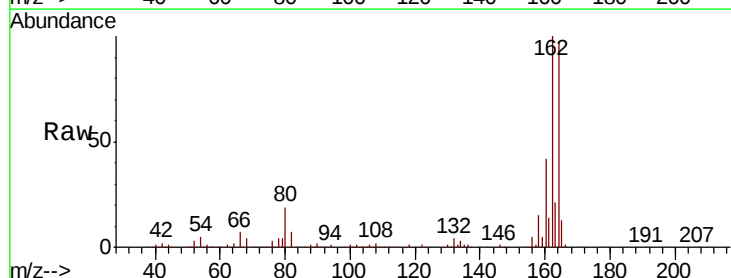
Instrument :
 BNA_G
 ClientSampled :
 232

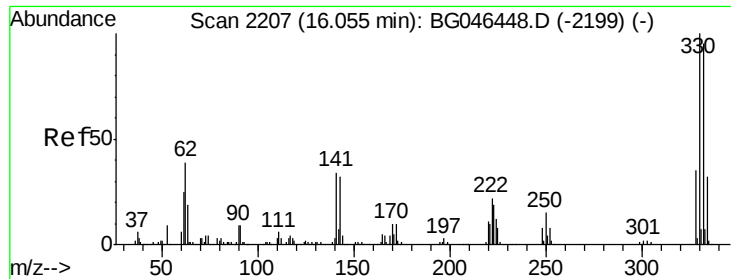
Tot Ion	82	Resp	389195
Ion Ratio	Lower	Upper	
82	100		
128	45.8	35.7	53.5
54	49.2	39.4	59.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.56 min Scan# 1952
 Delta R.T. 0.00 min
 Lab File: BG046493.D
 Acq: 1 Sep 2020 20:49

Tgt Ion	164	Resp	184385
Ion Ratio	Lower	Upper	
164	100		
162	103.6	83.3	124.9
160	43.6	35.0	52.6

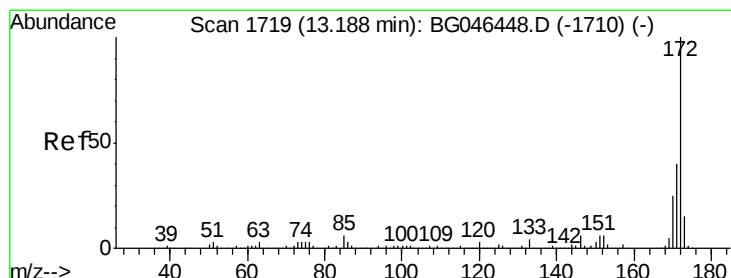
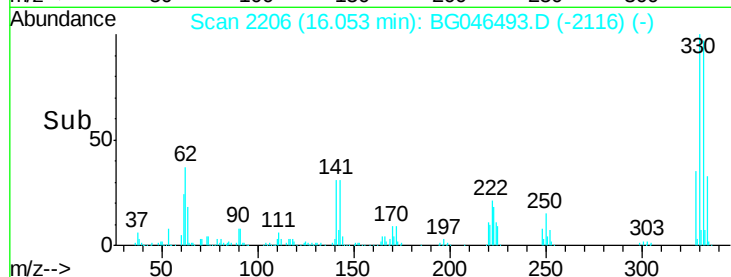
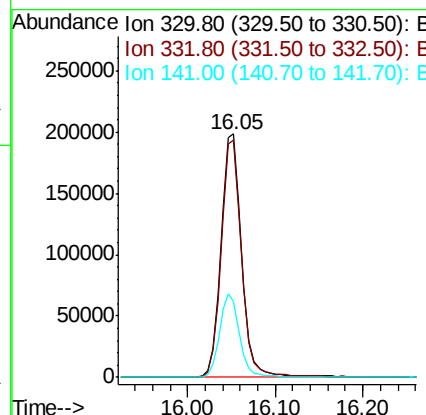
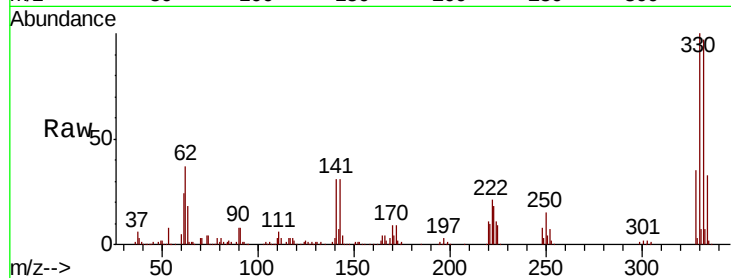




#42
 2,4,6-Tribromophenol
 Concen: 130.251 ng
 RT: 16.05 min Scan# 2206
 Delta R.T. 0.00 min
 Lab File: BG046493.D
 Acq: 1 Sep 2020 20:49

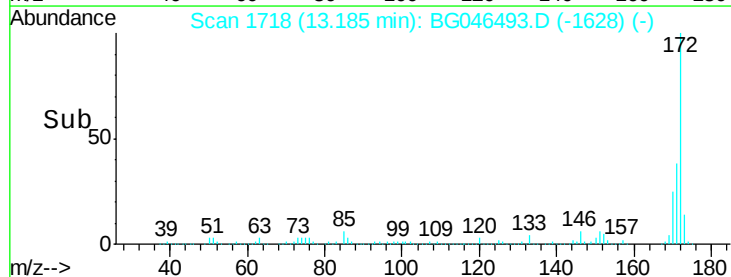
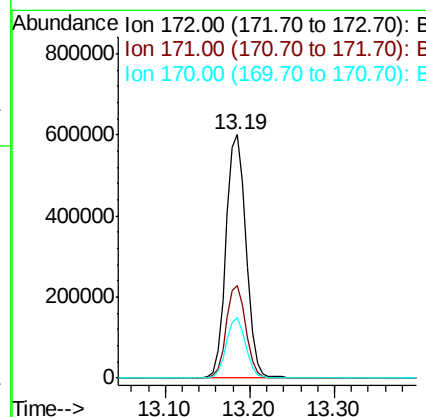
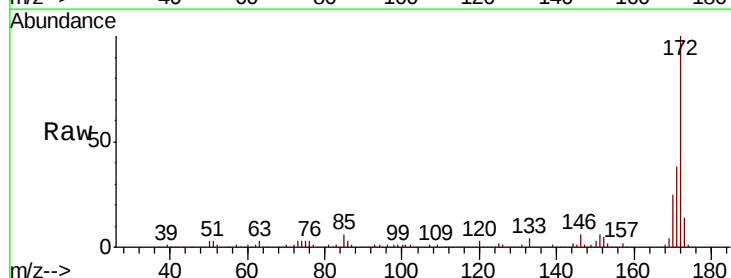
Instrument :
 BNA_G
 ClientSampled :
 232

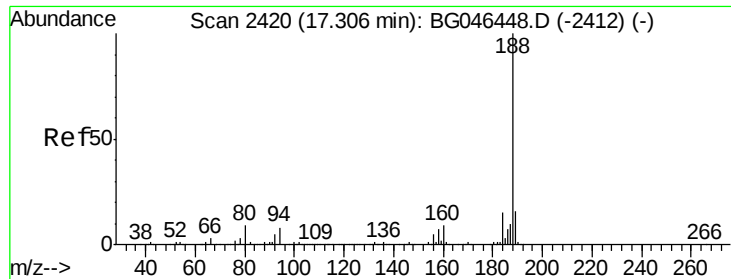
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.1	114.1
141	33.3	26.1	39.1



#45
 2-Fluorobiphenyl
 Concen: 81.821 ng
 RT: 13.19 min Scan# 1718
 Delta R.T. 0.00 min
 Lab File: BG046493.D
 Acq: 1 Sep 2020 20:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	31.8	47.6
170	24.8	20.3	30.5

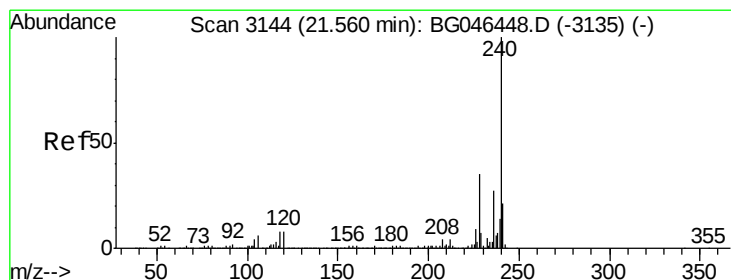
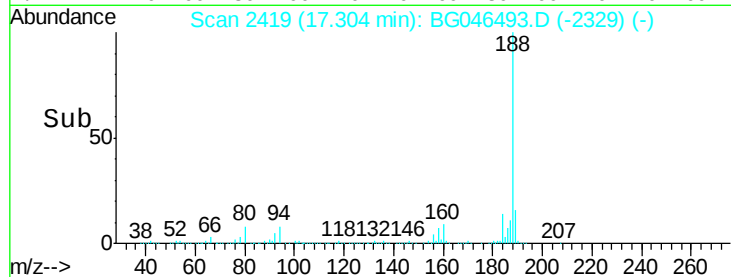
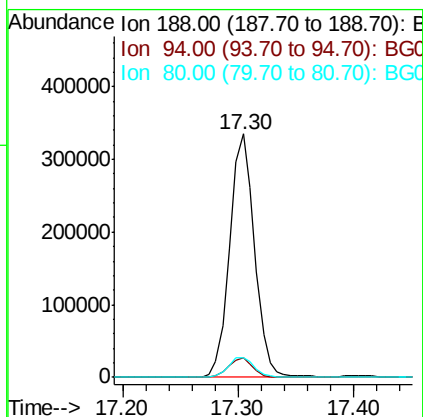
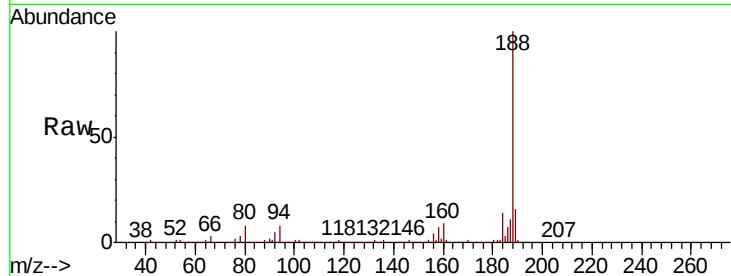




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.30 min Scan# 2419
Delta R.T. 0.00 min
Lab File: BG046493.D
Acq: 1 Sep 2020 20:49

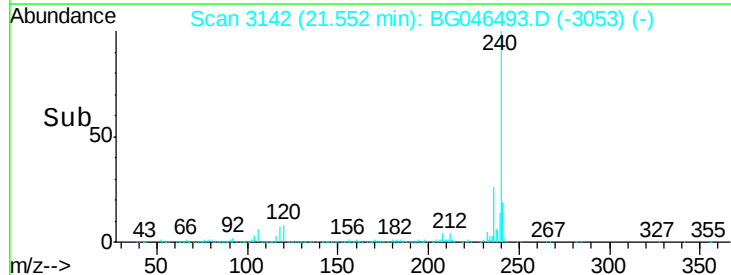
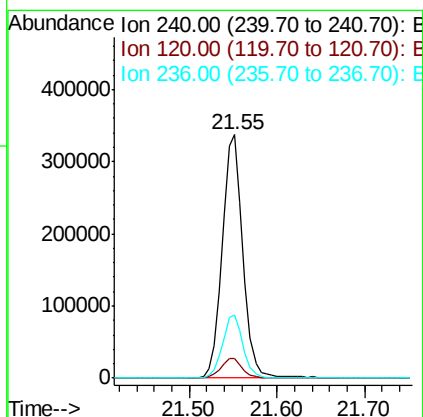
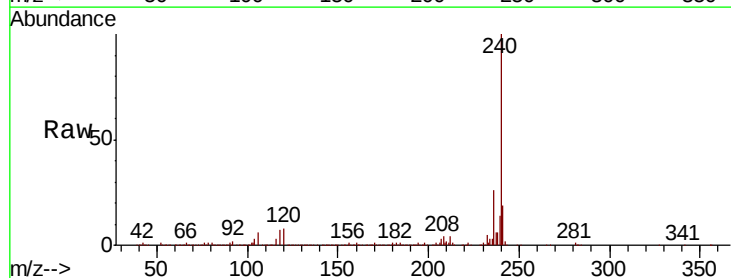
Instrument :
BNA_G
ClientSampleId :
232

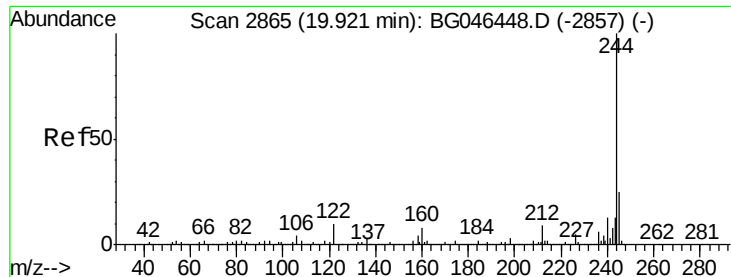
Tot Ion:188 Resp: 499451
Ion Ratio Lower Upper
188 100
94 7.8 6.3 9.5
80 8.2 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.55 min Scan# 3142
Delta R.T. -0.01 min
Lab File: BG046493.D
Acq: 1 Sep 2020 20:49

Tgt Ion:240 Resp: 547607
Ion Ratio Lower Upper
240 100
120 8.0 6.6 10.0
236 26.0 21.4 32.2





#79

Terphenyl-d14

Concen: 74.347 ng

RT: 19.92 min Scan# 2864

Delta R.T. 0.00 min

Lab File: BG046493.D

Acq: 1 Sep 2020 20:49

Instrument :

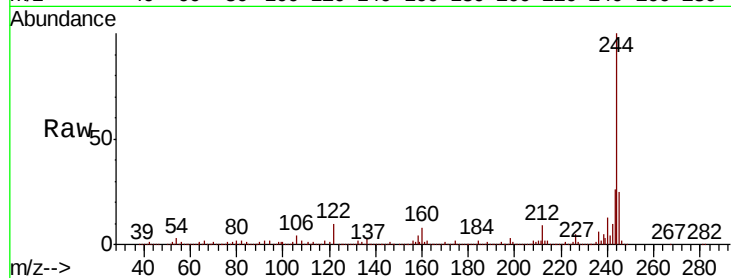
BNA_G

ClientSampleId :

232

Tot Ion:244 Resp: 1913051

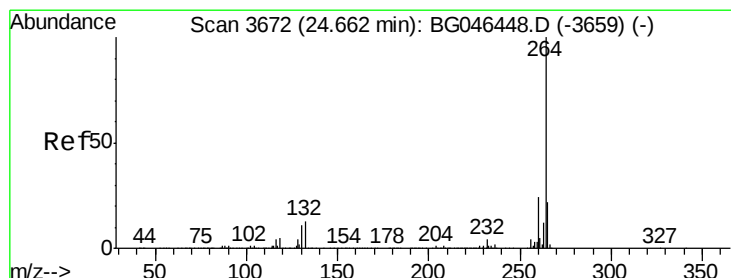
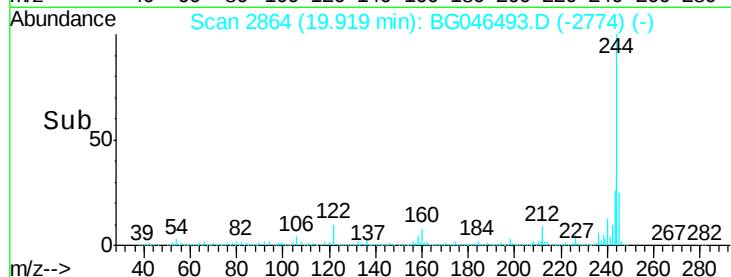
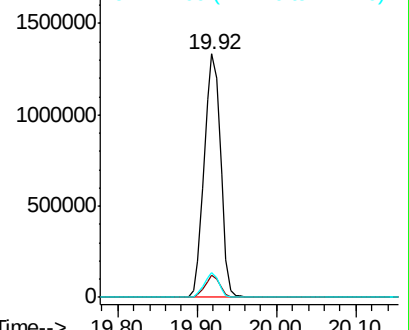
Ion	Ratio	Lower	Upper
244	100		
212	9.1	6.9	10.3
122	10.1	8.2	12.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.65 min Scan# 3669

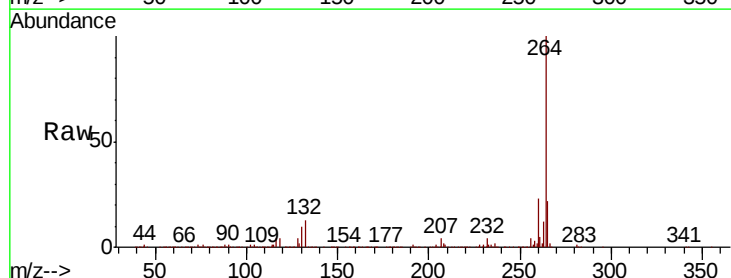
Delta R.T. -0.01 min

Lab File: BG046493.D

Acq: 1 Sep 2020 20:49

Tgt Ion:264 Resp: 563182

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.8	17.9	26.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

