

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061020\
 Data File : BG045697.D
 Acq On : 10 Jun 2020 18:35
 Operator : CG/JU
 Sample : L2951-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 239988

Quant Time: Jun 11 00:58:43 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 01 15:07:00 2020
 Response via : Initial Calibration

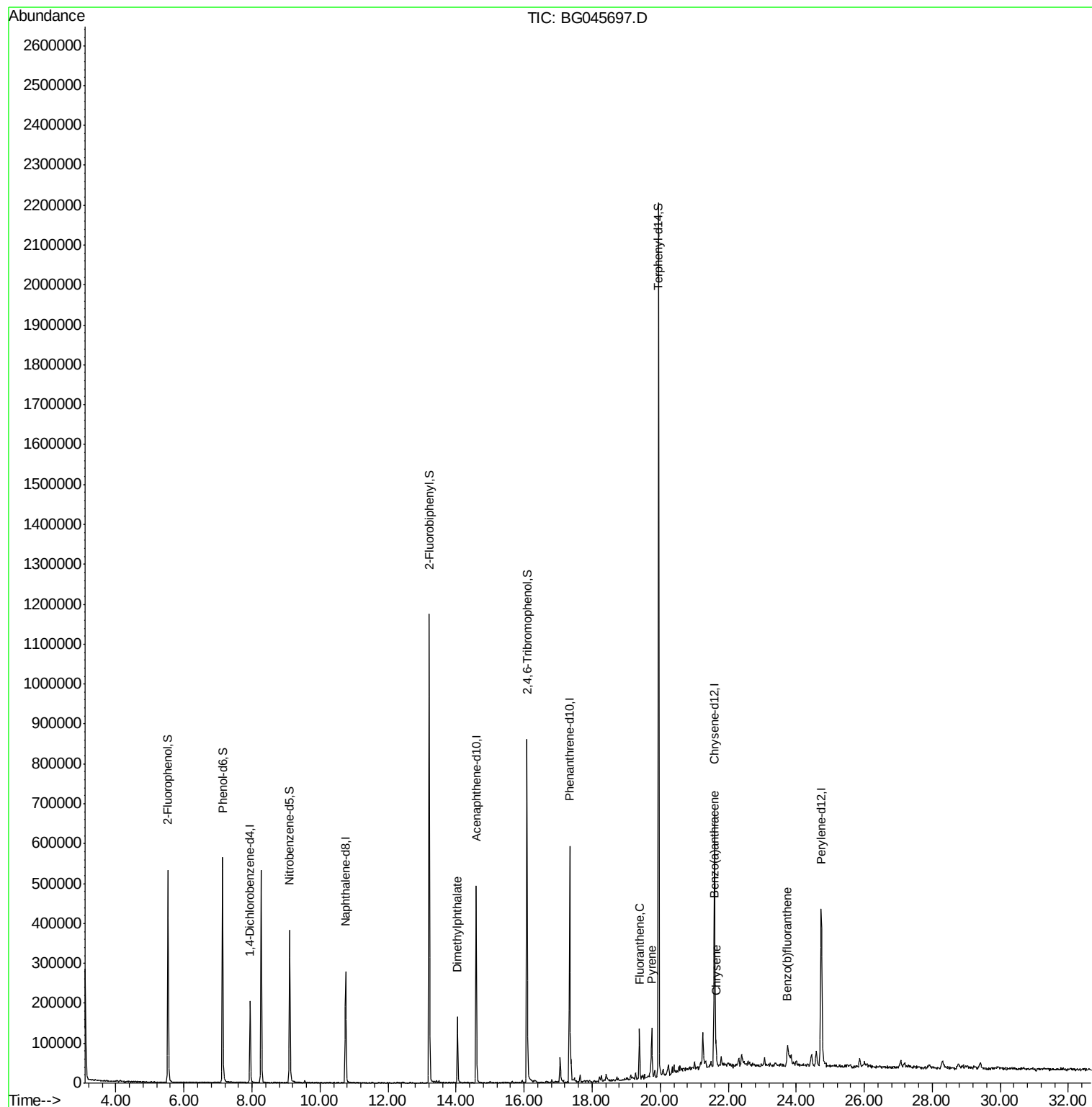
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	62182	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	252173	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	179721	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	401884	20.00	ng	0.00
76) Chrysene-d12	21.60	240	400333	20.00	ng	0.00
87) Perylene-d12	24.73	264	437850	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	256519	80.62	ng	0.00
7) Phenol-d6	7.14	99	378212	83.52	ng	-0.01
23) Nitrobenzene-d5	9.11	82	272385	58.90	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	184721	80.37	ng	-0.01
45) 2-Fluorobiphenyl	13.21	172	652053	61.54	ng	0.00
79) Terphenyl-d14	19.95	244	1072747	62.50	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.04	163	117261	9.511	ng	Qvalue # 98
75) Fluoranthene	19.40	202	83331	3.734	ng	93
78) Pyrene	19.75	202	83280	3.649	ng	98
81) Benzo(a)anthracene	21.57	228	46174	2.070	ng	94
83) Chrysene	21.64	228	45670	2.130	ng	95
88) Benzo(b)fluoranthene	23.74	252	65281	2.780	ng	94

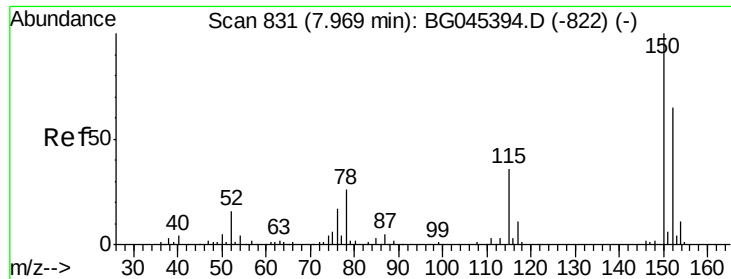
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration



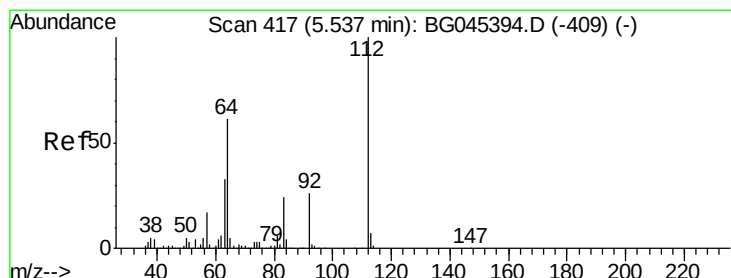
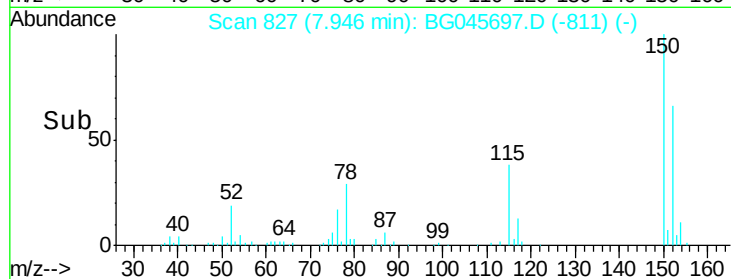
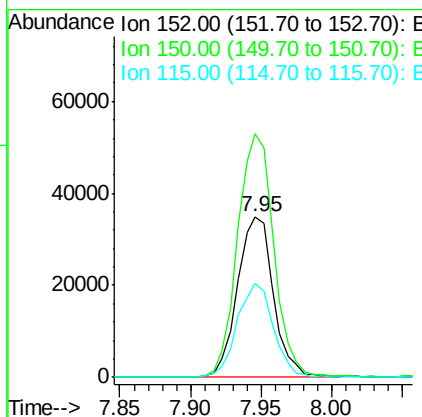
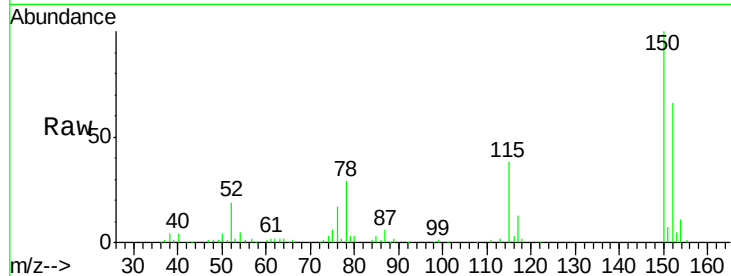


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BG045697.D
Acq: 10 Jun 2020 18:35

Instrument :
BNA_G
ClientSampleId :
239988

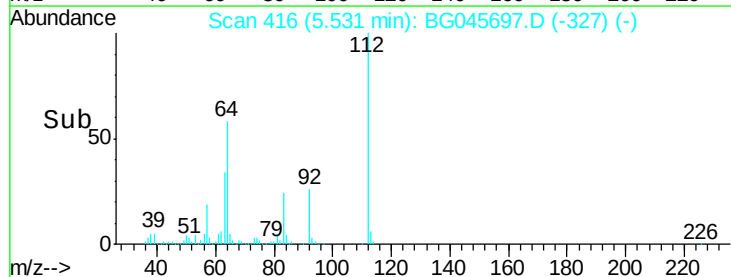
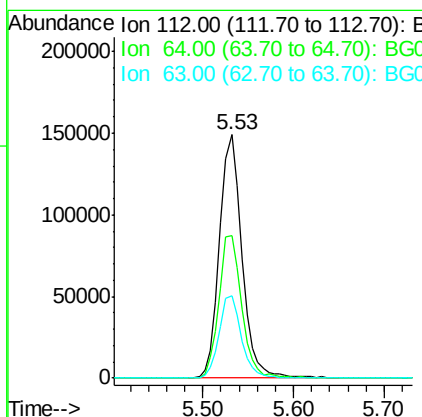
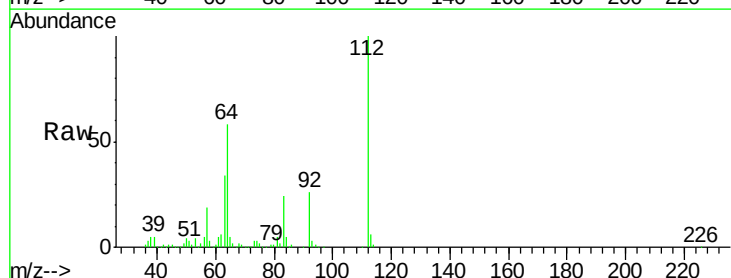
Tot Ion:152 Resp: 62182
Ion Ratio Lower Upper
152 100
150 151.6 122.4 183.6
115 58.1 44.2 66.4

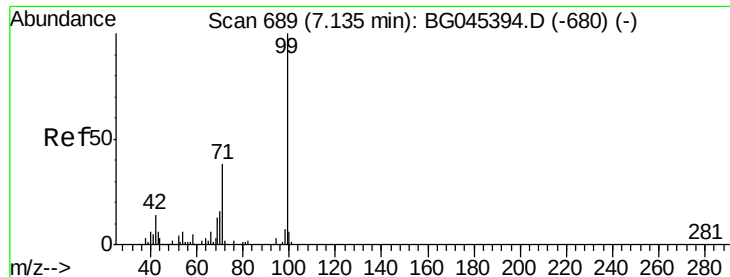


#5

2-Fluorophenol
Concen: 80.620 ng
RT: 5.53 min Scan# 416
Delta R.T. -0.01 min
Lab File: BG045697.D
Acq: 10 Jun 2020 18:35

Tgt Ion:112 Resp: 256519
Ion Ratio Lower Upper
112 100
64 58.3 48.6 72.8
63 33.6 26.5 39.7





#7

Phenol-d6

Concen: 83.515 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.01 min

Lab File: BG045697.D

Acq: 10 Jun 2020 18:35

Instrument :

BNA_G

ClientSampleId :

239988

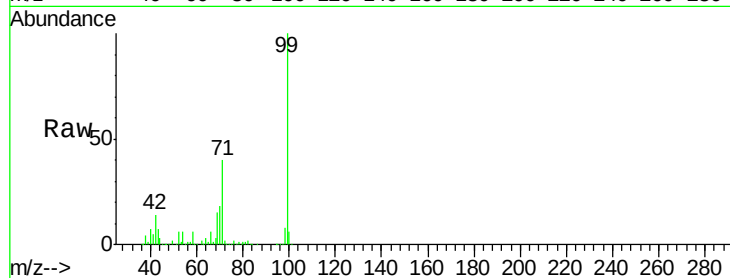
Tot Ion: 99 Resp: 378212

Ion Ratio Lower Upper

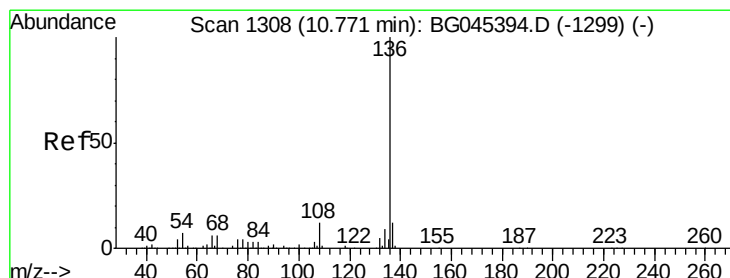
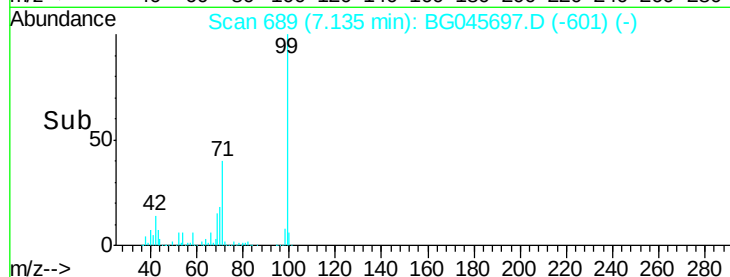
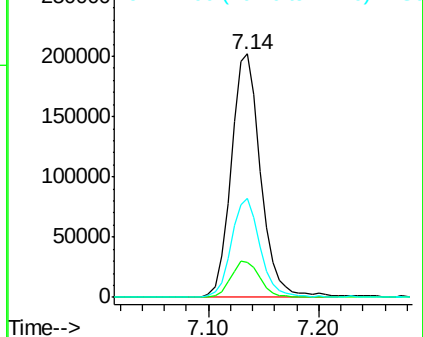
99 100

42 14.3 11.3 16.9

71 40.4 30.8 46.2



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: 10.75 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BG045697.D

Acq: 10 Jun 2020 18:35

Tgt Ion: 136 Resp: 252173

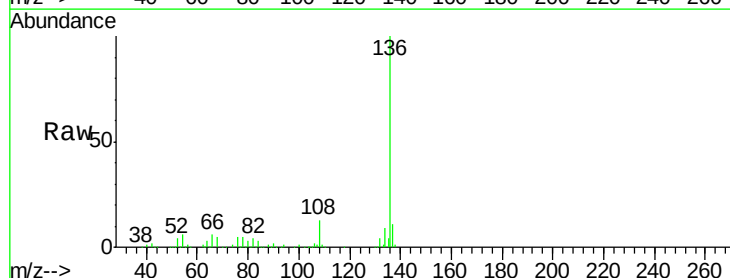
Ion Ratio Lower Upper

136 100

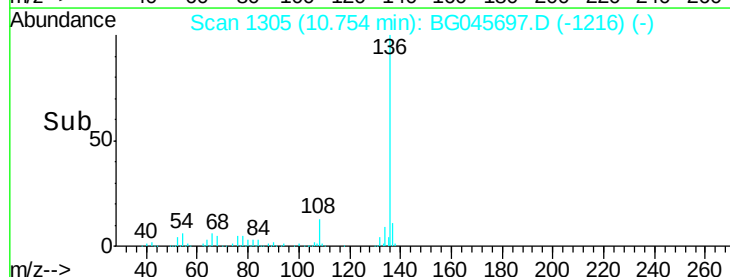
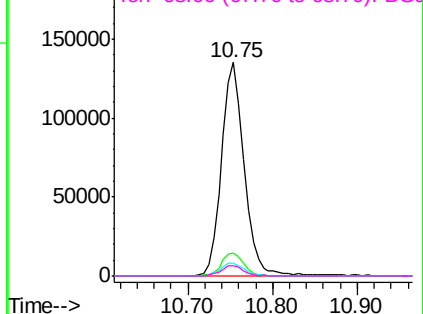
137 10.7 9.4 14.2

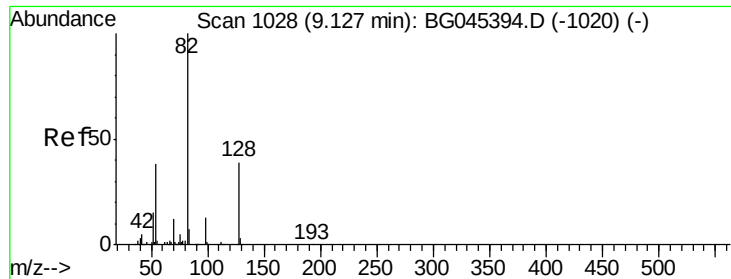
54 6.0 5.8 8.6

68 4.5 4.5 6.7



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

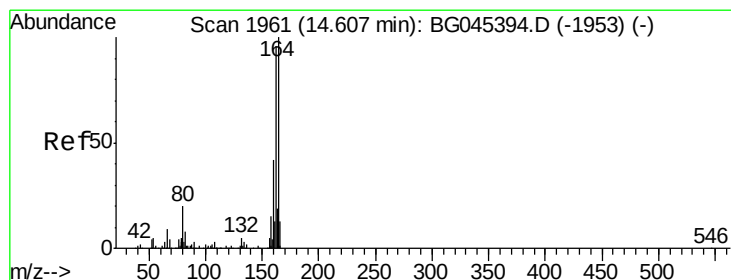
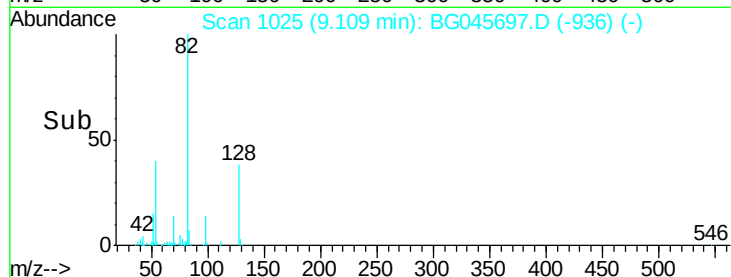
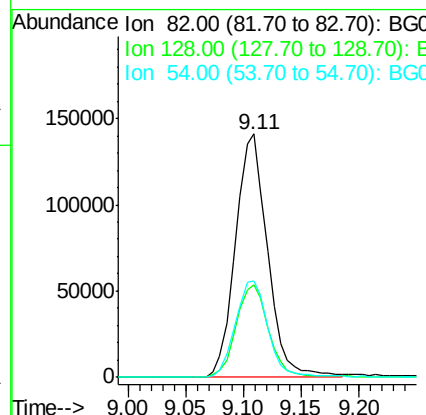
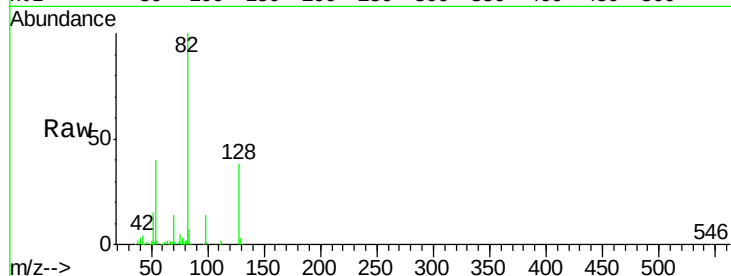




#23
Nitrobenzene-d5
Concen: 58.902 ng
RT: 9.11 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BG045697.D
Acq: 10 Jun 2020 18:35

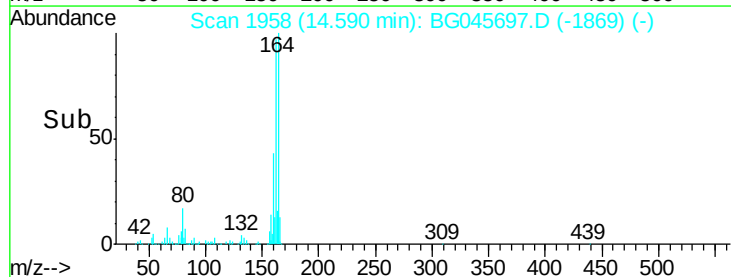
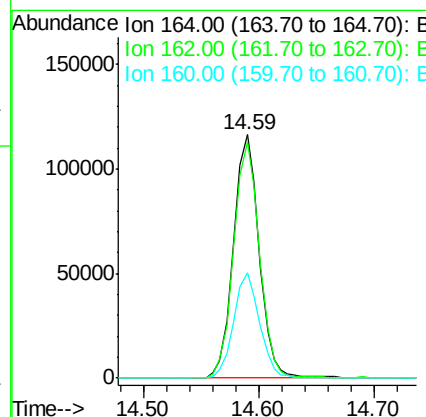
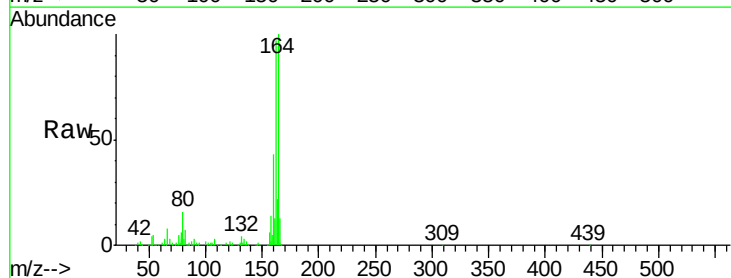
Instrument :
BNA_G
ClientSampleId :
239988

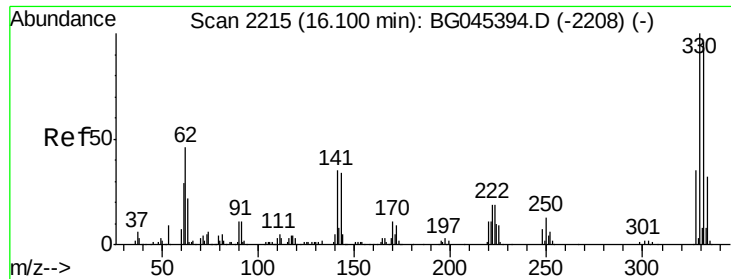
Tot Ion	Ratio	Lower	Upper
82	100		
128	37.8	30.9	46.3
54	39.6	30.3	45.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.59 min Scan# 1958
Delta R.T. -0.01 min
Lab File: BG045697.D
Acq: 10 Jun 2020 18:35

Tgt Ion	Ratio	Lower	Upper
164	100		
162	96.6	76.9	115.3
160	43.0	33.8	50.8

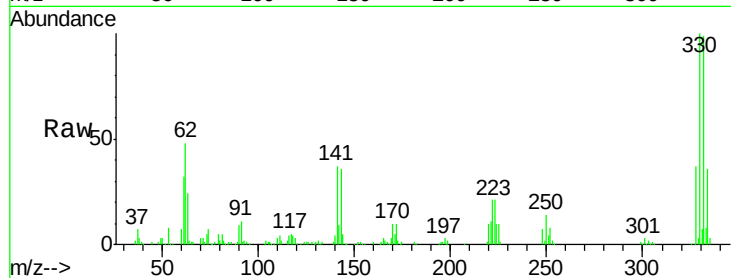




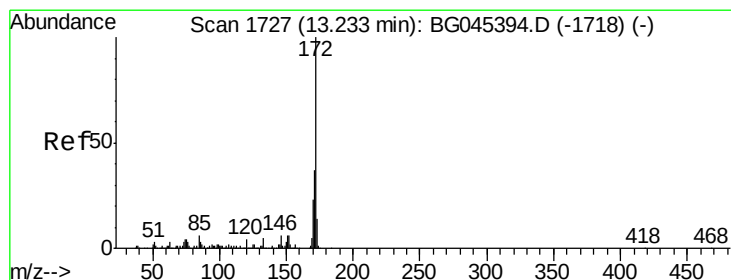
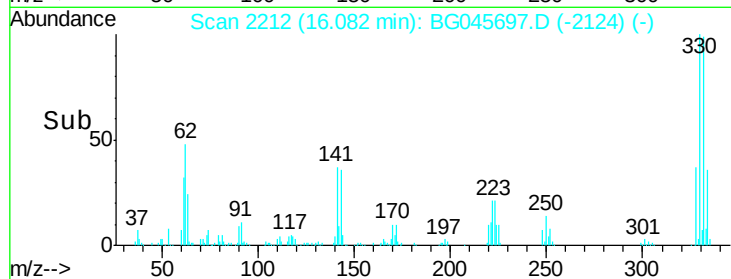
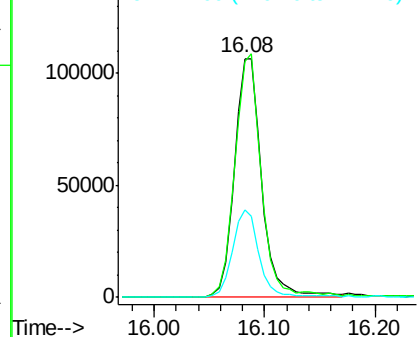
#42
 2,4,6-Tribromophenol
 Concen: 80.368 ng
 RT: 16.08 min Scan# 2212
 Delta R.T. -0.01 min
 Lab File: BG045697.D
 Acq: 10 Jun 2020 18:35

Instrument :
 BNA_G
 ClientSampleId :
 239988

Tot Ion	Ratio	Lower	Upper
330	100		
332	99.8	78.2	117.4
141	36.0	28.2	42.4

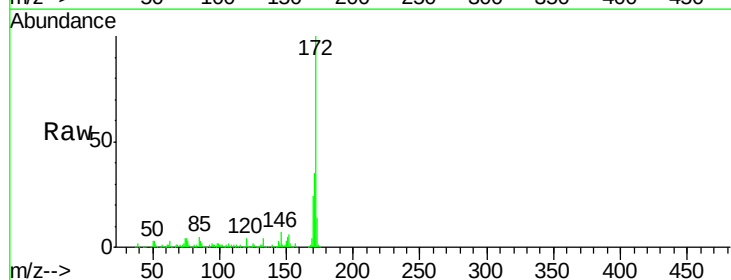


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

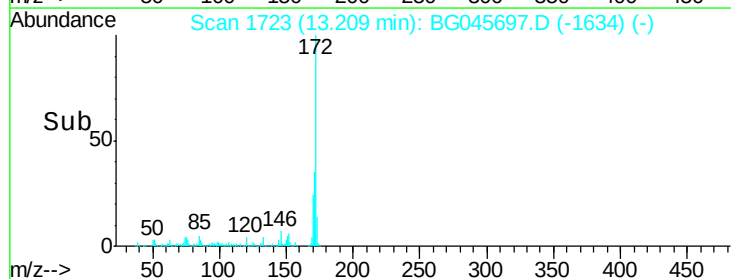
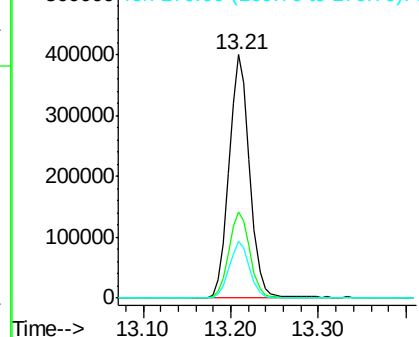


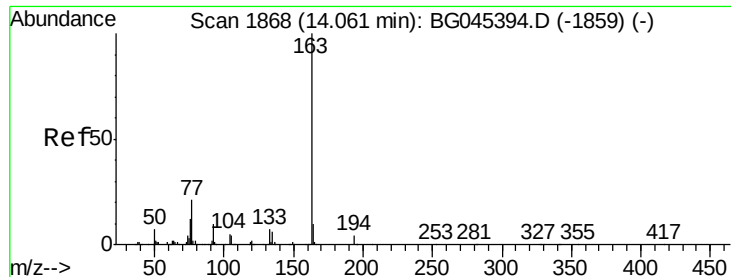
#45
 2-Fluorobiphenyl
 Concen: 61.541 ng
 RT: 13.21 min Scan# 1723
 Delta R.T. -0.01 min
 Lab File: BG045697.D
 Acq: 10 Jun 2020 18:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.5	44.3
170	23.5	18.5	27.7



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

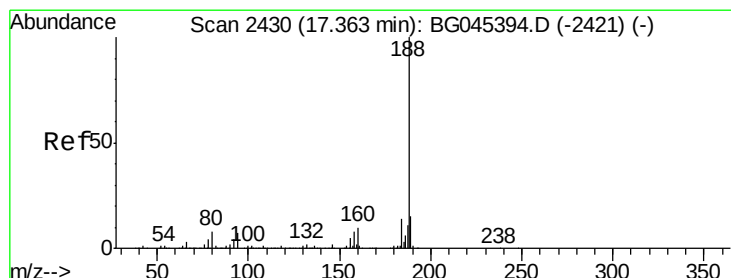
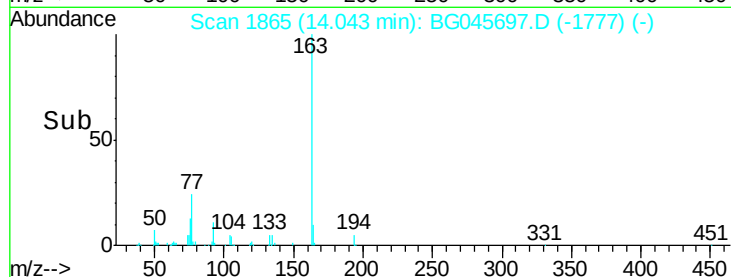
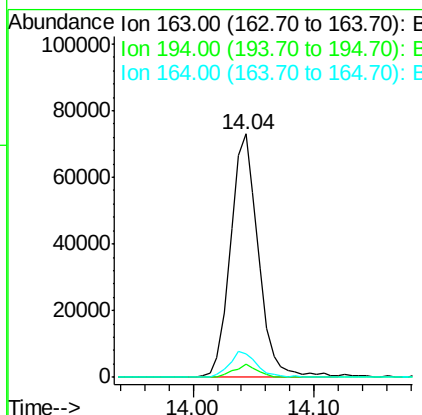
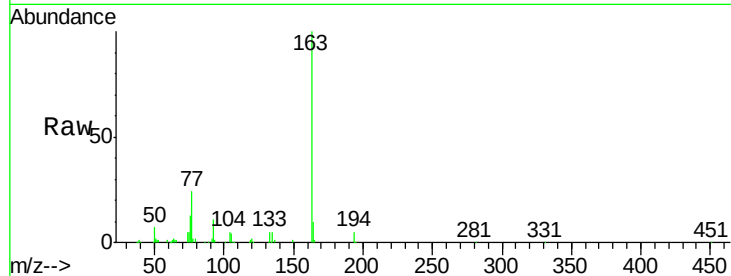




#50
Dimethylphthalate
Concen: 9.511 ng
RT: 14.04 min Scan# 1865
Delta R.T. -0.01 min
Lab File: BG045697.D
Acq: 10 Jun 2020 18:35

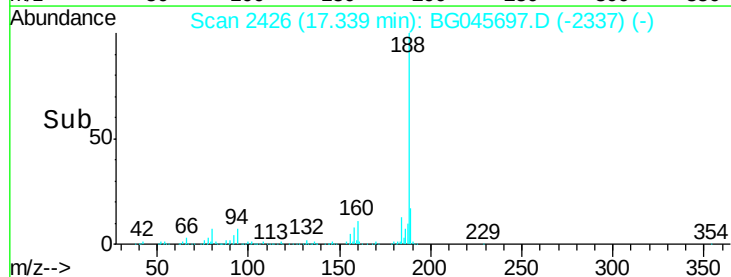
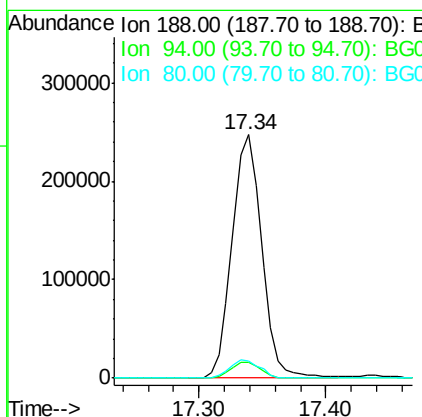
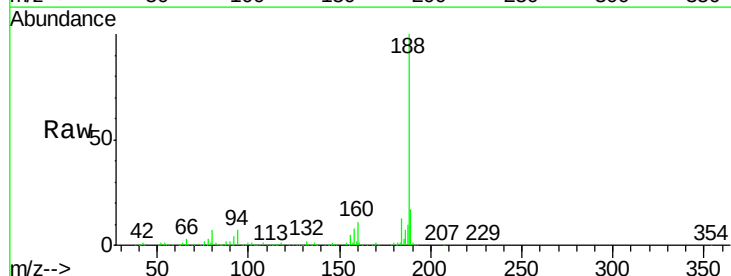
Instrument :
BNA_G
ClientSampled :
239988

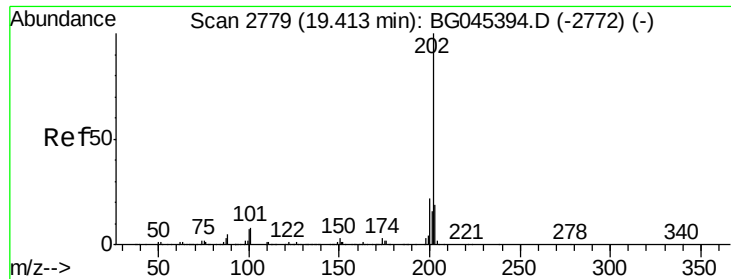
Tot Ion:163 Resp: 117261
Ion Ratio Lower Upper
163 100
194 5.3 3.2 4.8#
164 9.8 8.3 12.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.34 min Scan# 2426
Delta R.T. -0.01 min
Lab File: BG045697.D
Acq: 10 Jun 2020 18:35

Tgt Ion:188 Resp: 401884
Ion Ratio Lower Upper
188 100
94 6.7 5.5 8.3
80 7.0 6.6 10.0





#75

Fluoranthene

Concen: 3.734 ng

RT: 19.40 min Scan# 2776

Delta R.T. -0.01 min

Lab File: BG045697.D

Acq: 10 Jun 2020 18:35

Instrument :

BNA_G

ClientSampleId :

239988

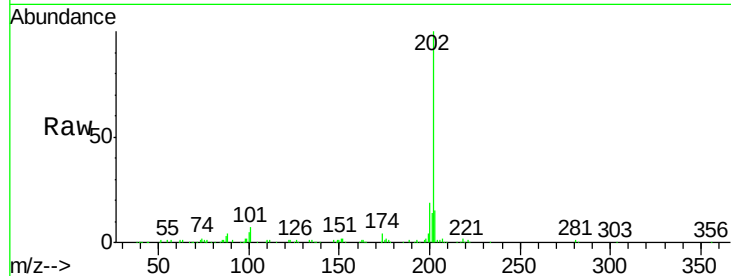
Tot Ion:202 Resp: 83331

Ion Ratio Lower Upper

202 100

101 7.3 0.0 28.3

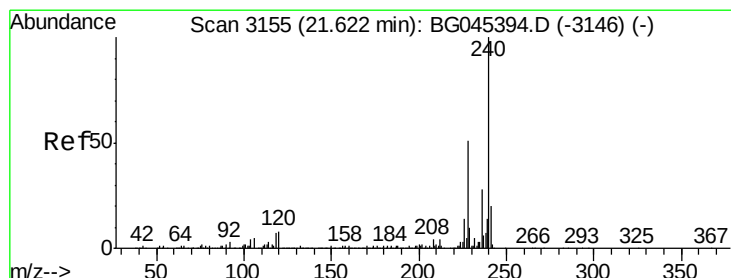
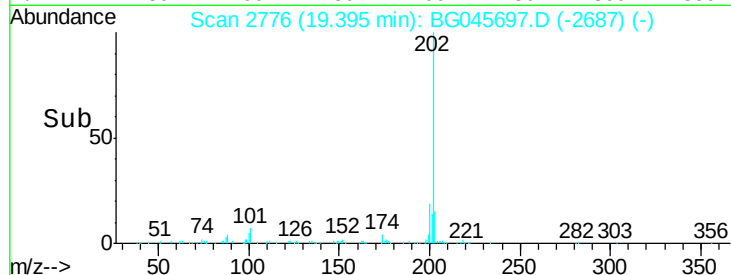
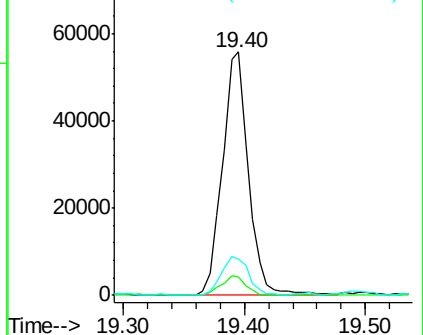
203 15.1 0.0 39.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.60 min Scan# 3151

Delta R.T. -0.01 min

Lab File: BG045697.D

Acq: 10 Jun 2020 18:35

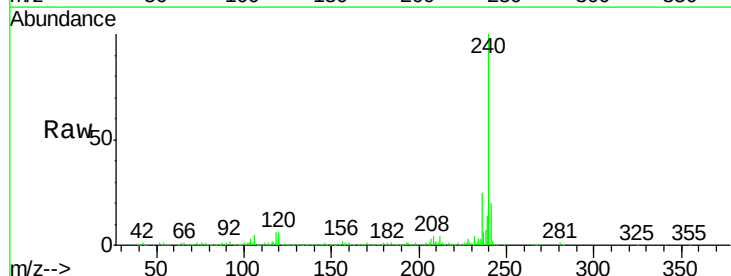
Tgt Ion:240 Resp: 400333

Ion Ratio Lower Upper

240 100

120 6.2 6.1 9.1

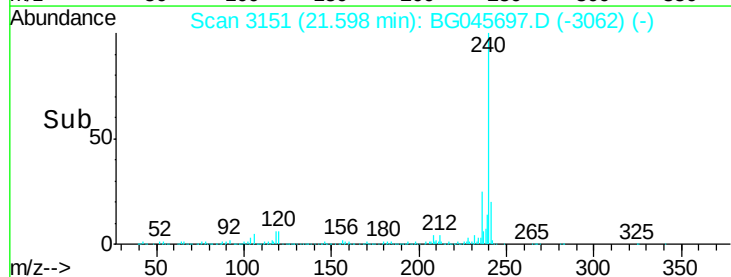
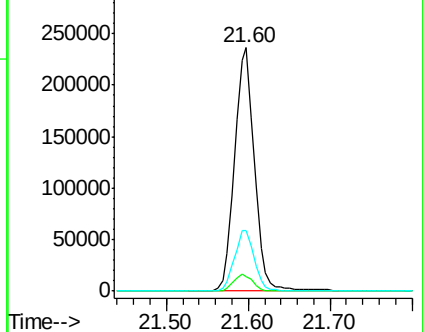
236 24.8 22.3 33.5

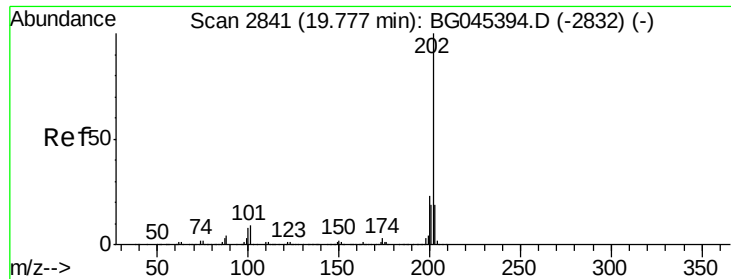


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

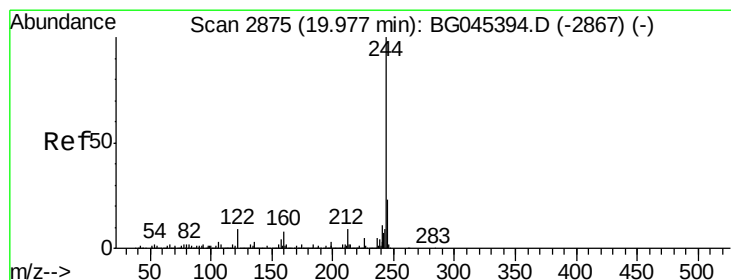
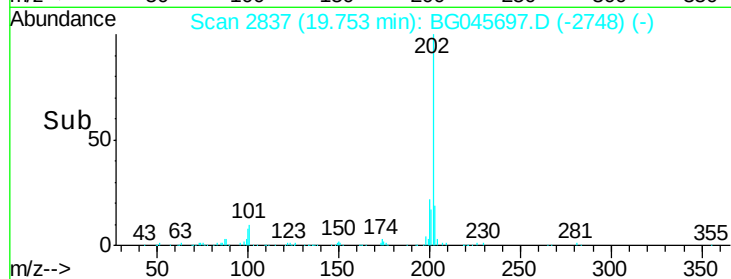
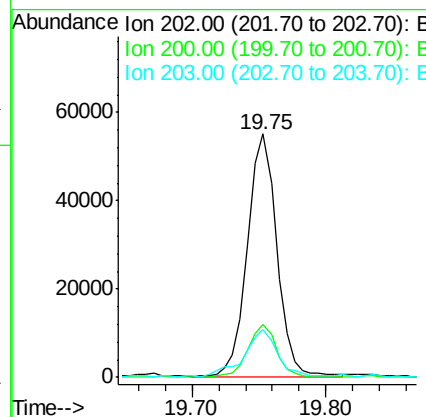
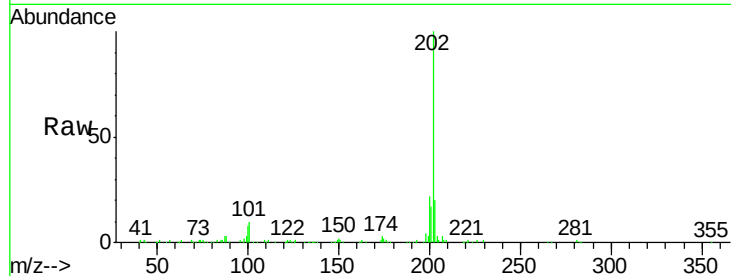




#78
Pvrene
Concen: 3.649 ng
RT: 19.75 min Scan# 2837
Delta R.T. -0.01 min
Lab File: BG045697.D
Acq: 10 Jun 2020 18:35

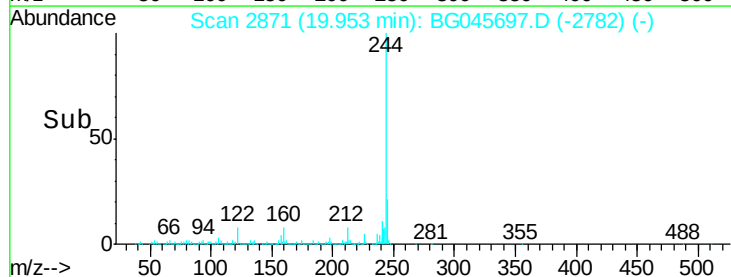
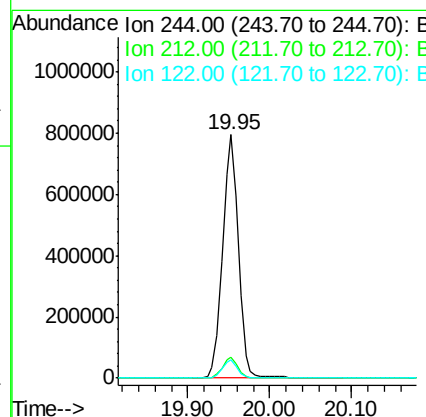
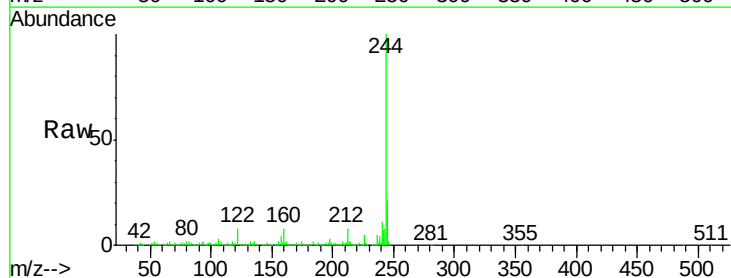
Instrument :
BNA_G
ClientSampleId :
239988

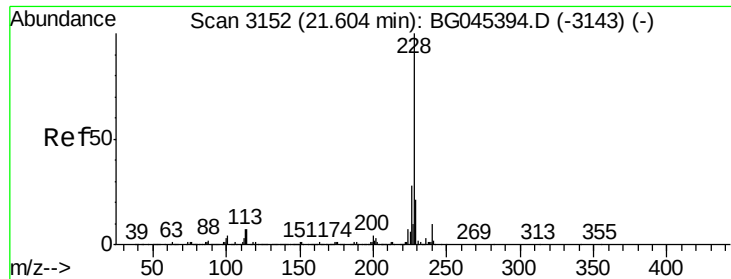
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.5	18.2	27.2
203	19.6	15.1	22.7



#79
Terphenyl-d14
Concen: 62.497 ng
RT: 19.95 min Scan# 2871
Delta R.T. -0.01 min
Lab File: BG045697.D
Acq: 10 Jun 2020 18:35

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.5	7.4	11.0
122	7.5	6.8	10.2





#81

Benzo(a)anthracene

Concen: 2.070 ng

RT: 21.57 min Scan# 3147

Delta R.T. -0.01 min

Lab File: BG045697.D

Acq: 10 Jun 2020 18:35

Instrument :

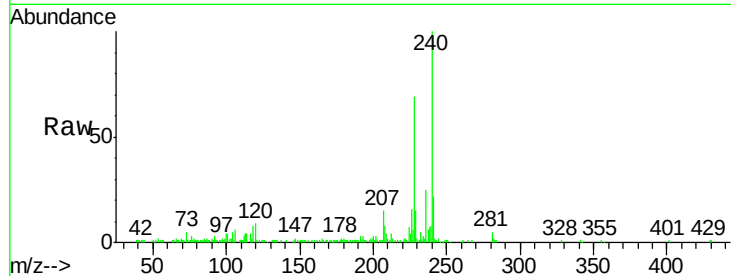
BNA_G

ClientSampleId :

239988

Tot Ion:228 Resp: 46174

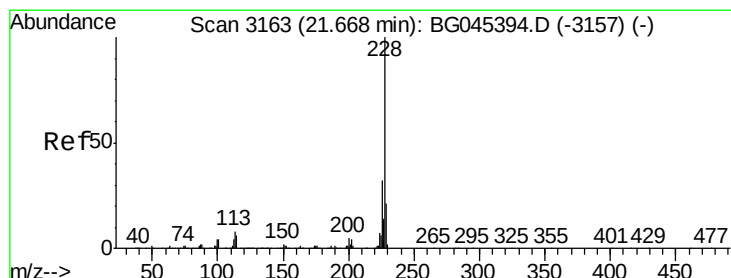
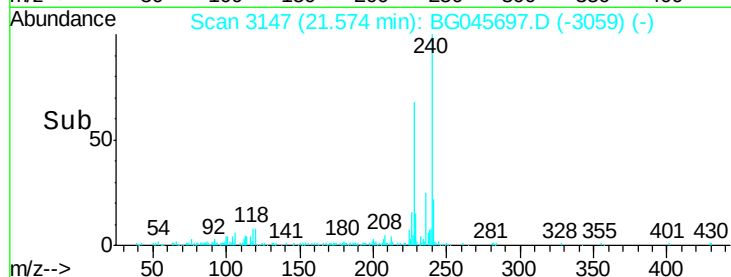
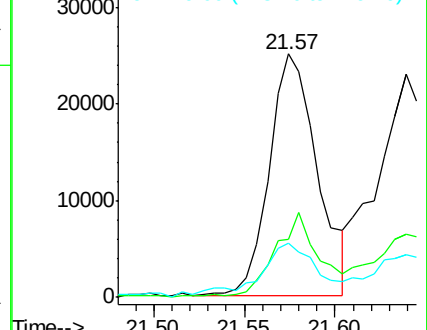
Ion	Ratio	Lower	Upper
228	100		
226	23.9	22.7	34.1
229	22.5	16.7	25.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Chrysene

Concen: 2.130 ng

RT: 21.64 min Scan# 3158

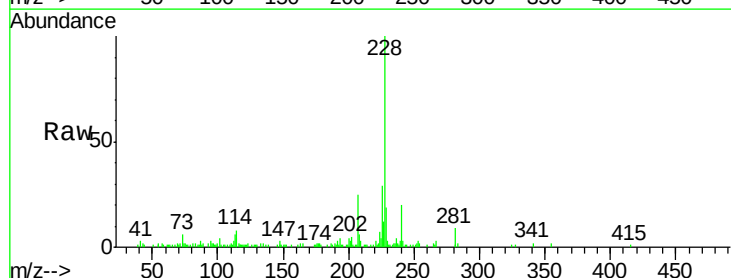
Delta R.T. -0.01 min

Lab File: BG045697.D

Acq: 10 Jun 2020 18:35

Tgt Ion:228 Resp: 45670

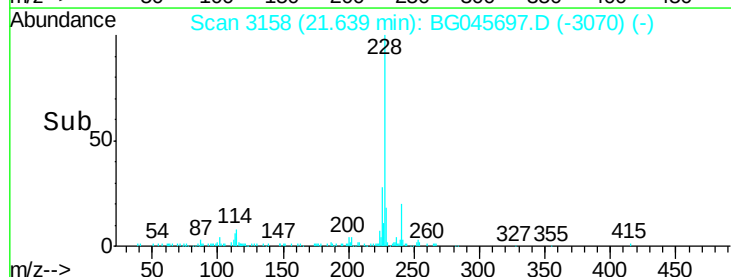
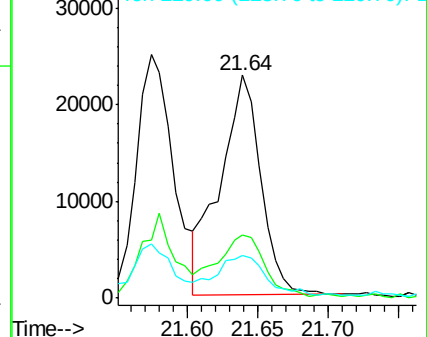
Ion	Ratio	Lower	Upper
228	100		
226	28.5	25.2	37.8
229	18.9	16.7	25.1

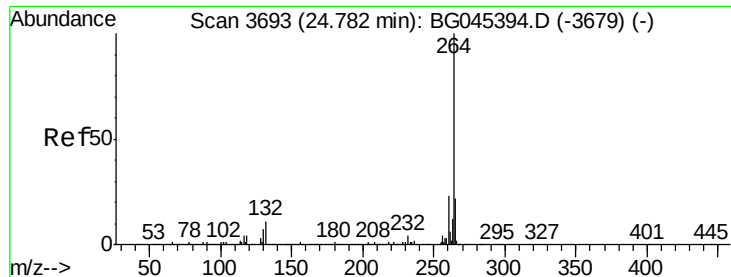


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.73 min Scan# 3685

Delta R.T. -0.02 min

Lab File: BG045697.D

Acq: 10 Jun 2020 18:35

Instrument :

BNA_G

ClientSampleId :

239988

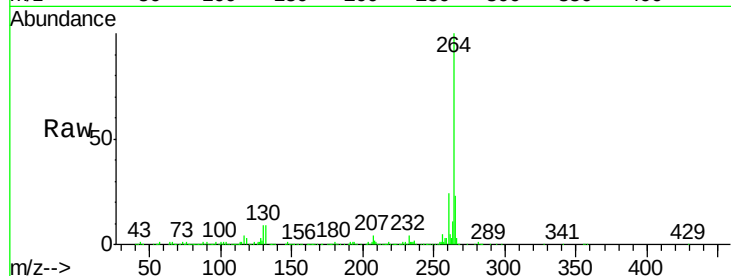
Tot Ion:264 Resp: 437850

Ion Ratio Lower Upper

264 100

260 23.7 18.2 27.4

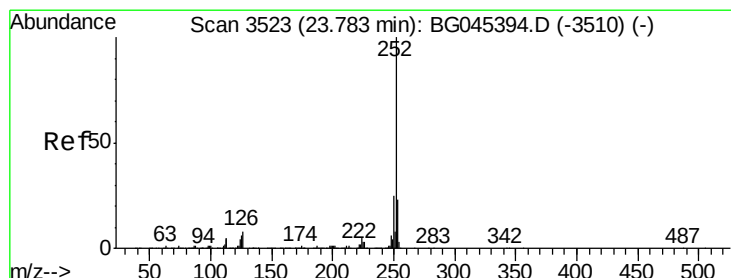
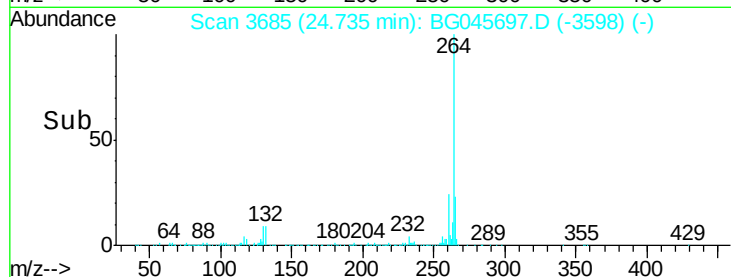
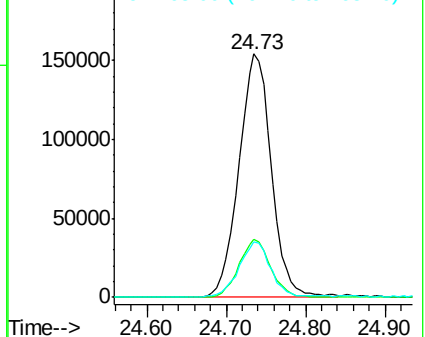
265 22.8 17.6 26.4



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



#88

Benzo(b)fluoranthene

Concen: 2.780 ng

RT: 23.74 min Scan# 3516

Delta R.T. -0.02 min

Lab File: BG045697.D

Acq: 10 Jun 2020 18:35

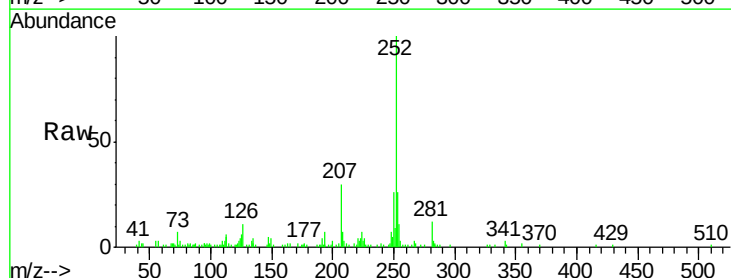
Tgt Ion:252 Resp: 65281

Ion Ratio Lower Upper

252 100

253 26.3 18.1 27.1

125 6.4 5.0 7.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

