

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG060520\
 Data File : BG045624.D
 Acq On : 5 Jun 2020 20:12
 Operator : CG/JU
 Sample : L2859-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-UST

Quant Time: Jun 06 02:11:01 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

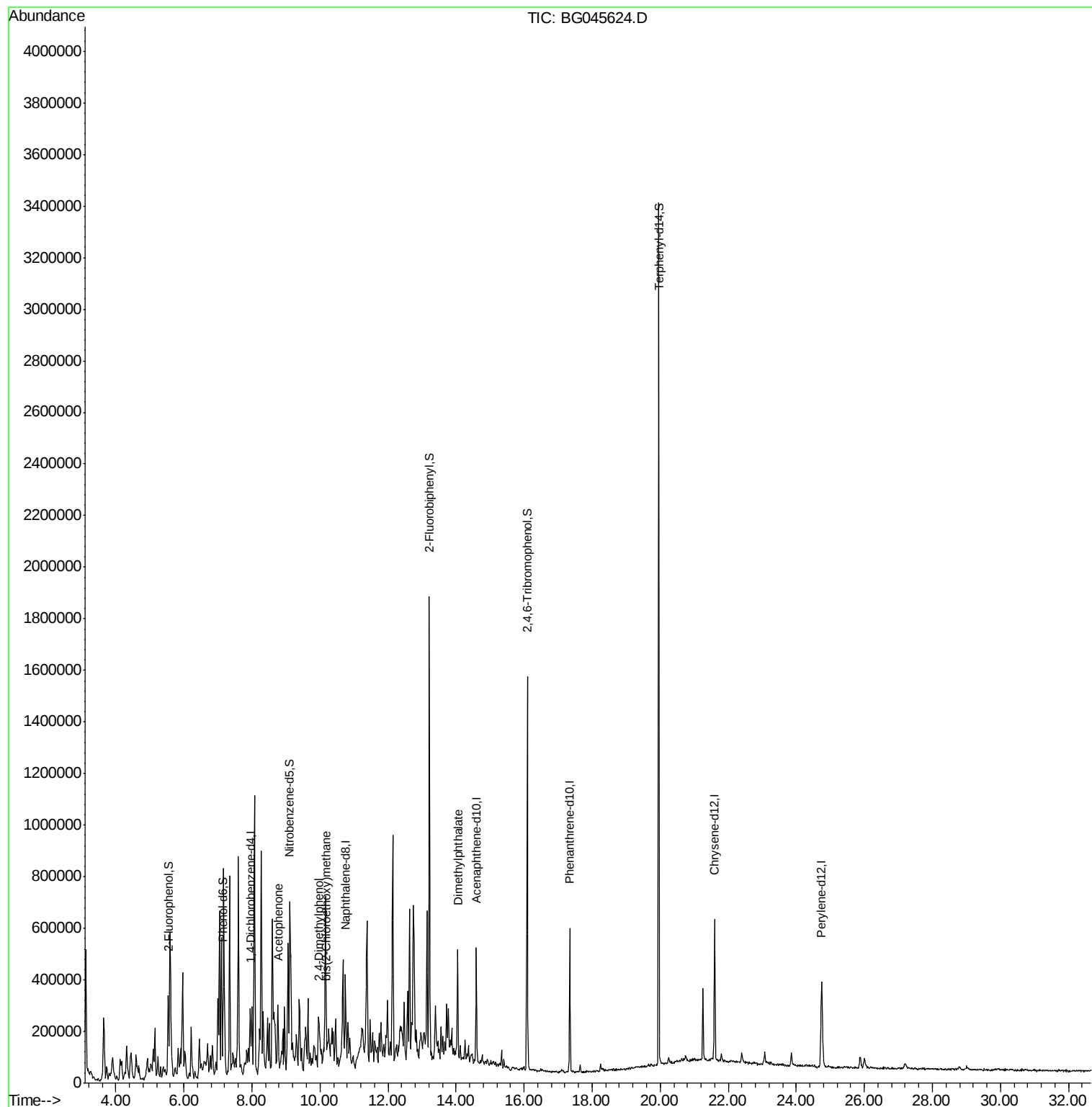
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	62800	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	231501	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	162338	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	364214	20.00	ng	0.00
76) Chrysene-d12	21.60	240	358093	20.00	ng	0.00
87) Perylene-d12	24.74	264	390512	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	166626	51.85	ng	0.00
7) Phenol-d6	7.15	99	141174	30.87	ng	0.00
23) Nitrobenzene-d5	9.11	82	424703	100.04	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	317900	153.12	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	950157	99.28	ng	0.00
79) Terphenyl-d14	19.96	244	1612040	104.99	ng	0.00
Target Compounds						
22) Acetophenone	8.76	105	186347	33.96	ng	Qvalue # 65
27) 2,4-Dimethylphenol	9.98	122	33820	11.72	ng	94
28) bis(2-Chloroethoxy)methane	10.19	93	34855	7.95	ng	# 93
50) Dimethylphthalate	14.05	163	269883	24.23	ng	98

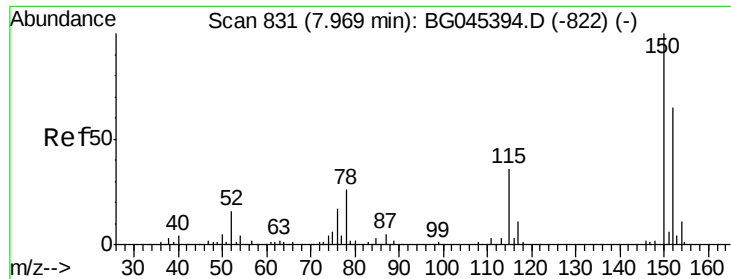
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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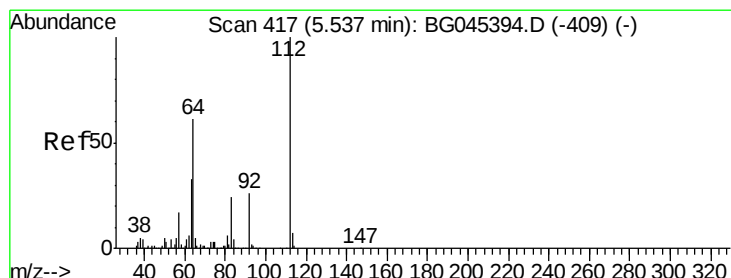
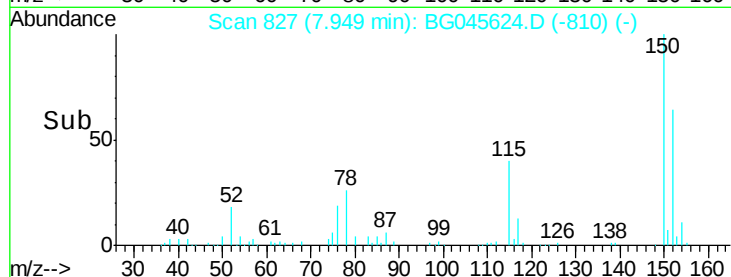
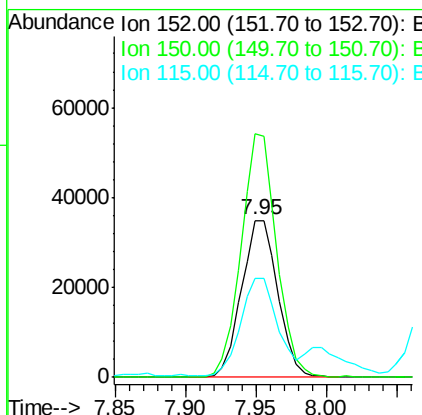
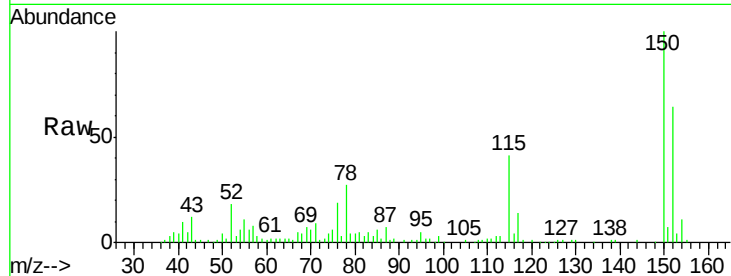


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.00 min
Lab File: BG045624.D
Acq: 5 Jun 2020 20:12

Instrument :
BNA_G
ClientSampleId :
SP-UST

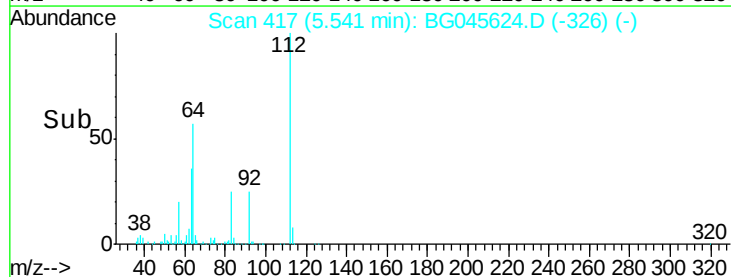
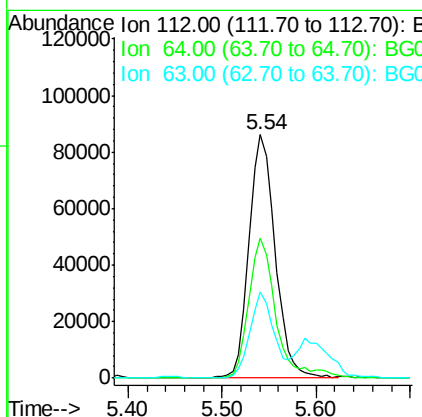
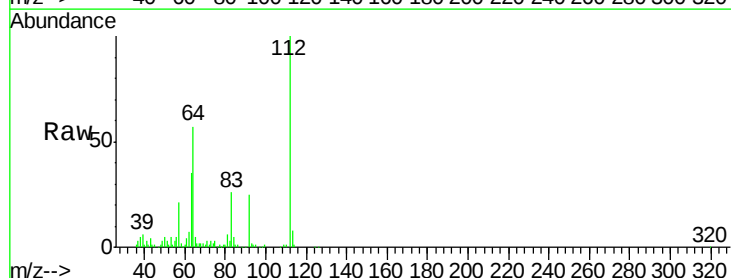
Tgt Ion:152 Resp: 62800
Ion Ratio Lower Upper
152 100
150 155.1 122.4 183.6
115 63.5 44.2 66.4

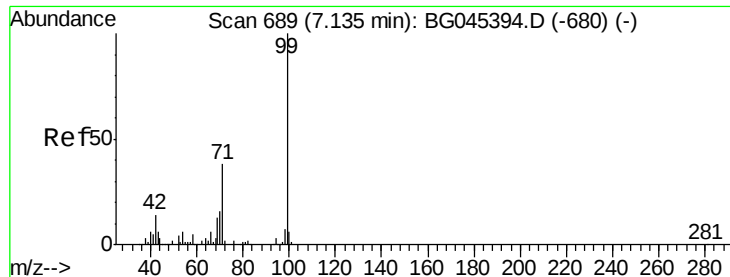


#5

2-Fluorophenol
Concen: 51.85 ng
RT: 5.54 min Scan# 417
Delta R.T. 0.00 min
Lab File: BG045624.D
Acq: 5 Jun 2020 20:12

Tgt Ion:112 Resp: 166626
Ion Ratio Lower Upper
112 100
64 57.4 48.6 72.8
63 35.5 26.5 39.7





#7

Phenol-d6

Concen: 30.87 ng

RT: 7.15 min Scan# 691

Delta R.T. 0.00 min

Lab File: BG045624.D

Acq: 5 Jun 2020 20:12

Instrument :

BNA_G

ClientSampleId :

SP-UST

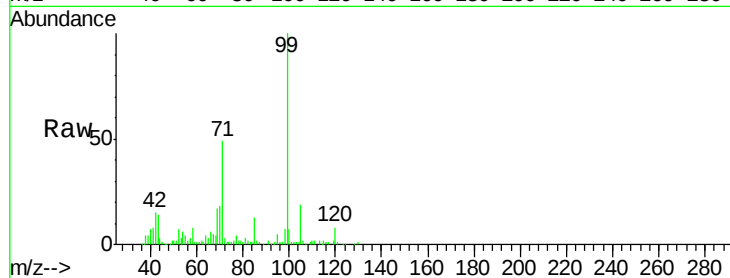
Tgt Ion: 99 Resp: 141174

Ion Ratio Lower Upper

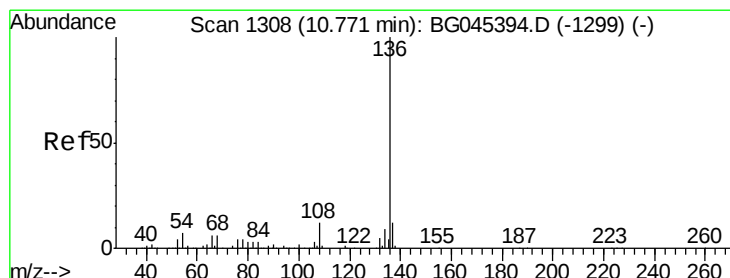
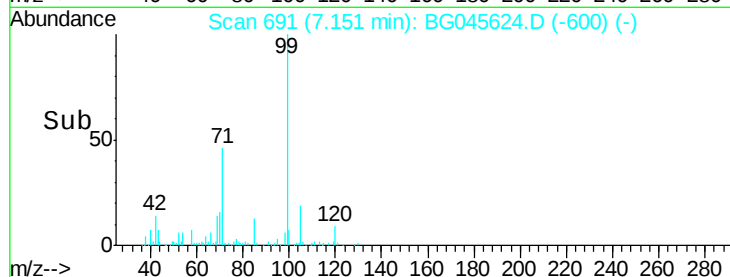
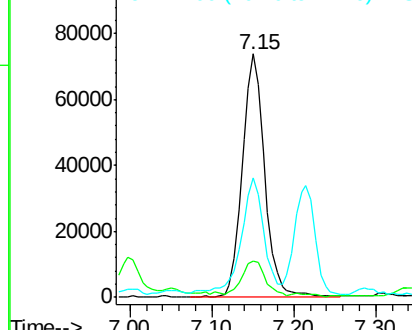
99 100

42 15.0 11.3 16.9

71 49.2 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: 20.00 ng

RT: 10.76 min Scan# 1305

Delta R.T. -0.00 min

Lab File: BG045624.D

Acq: 5 Jun 2020 20:12

Tgt Ion: 136 Resp: 231501

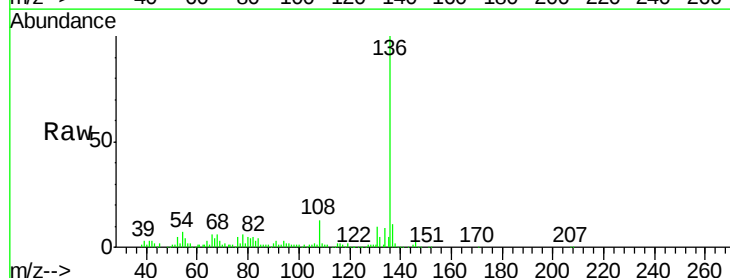
Ion Ratio Lower Upper

136 100

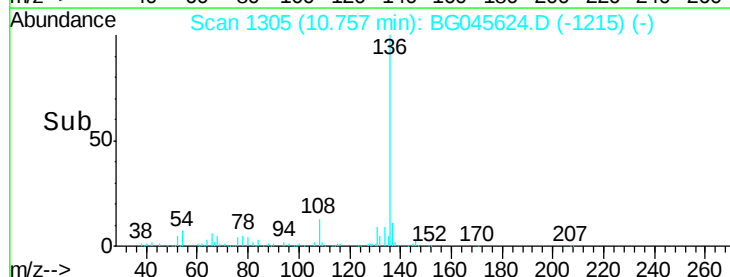
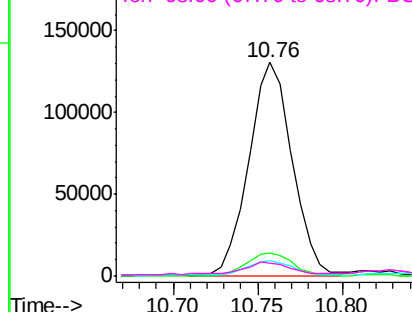
137 11.1 9.4 14.2

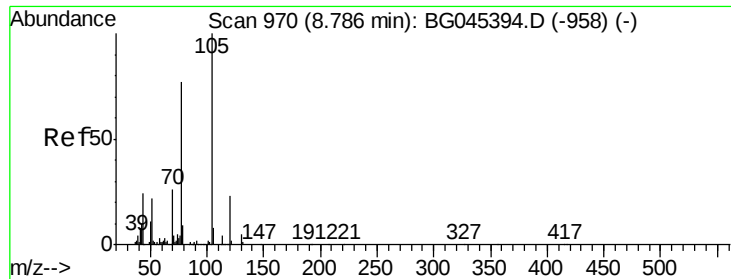
54 7.4 5.8 8.6

68 5.7 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

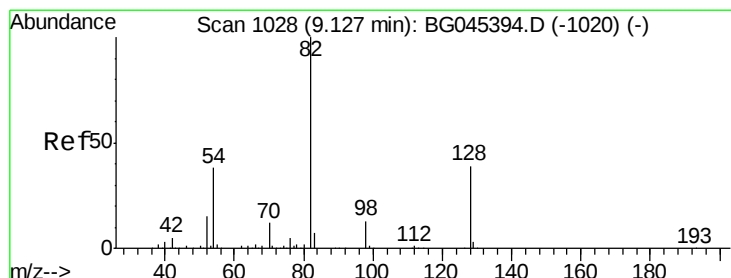
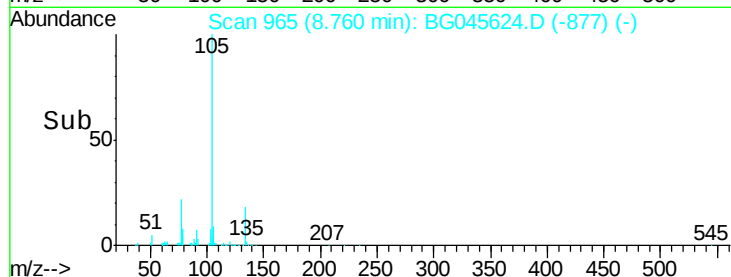
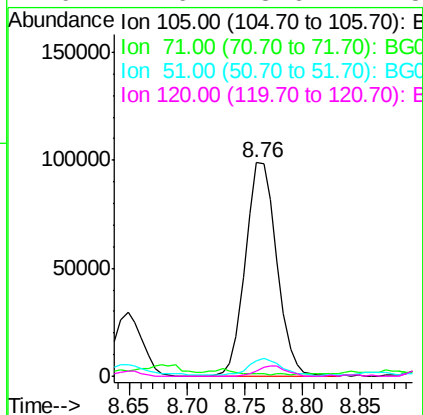
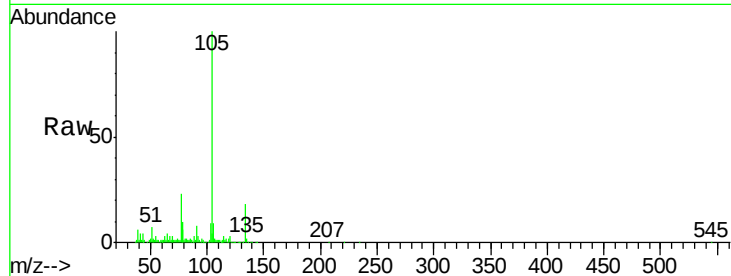




#22
Acetophenone
Concen: 33.96 ng
RT: 8.76 min Scan# 965
Delta R.T. -0.01 min
Lab File: BG045624.D
Acq: 5 Jun 2020 20:12

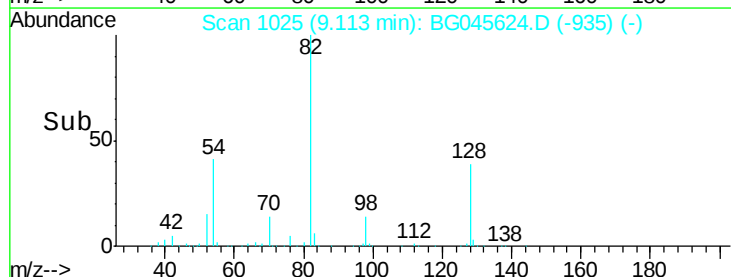
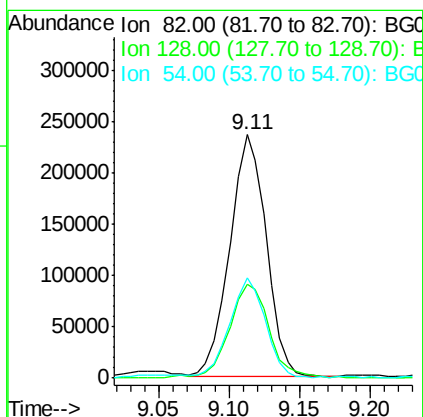
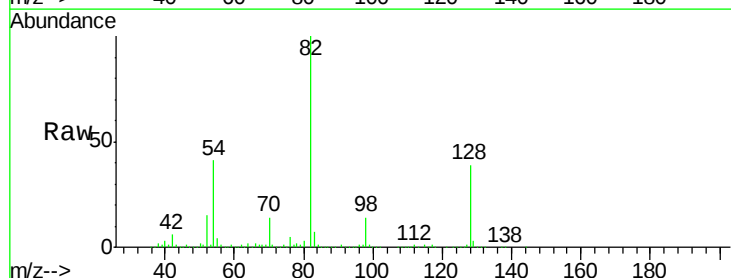
Instrument :
BNA_G
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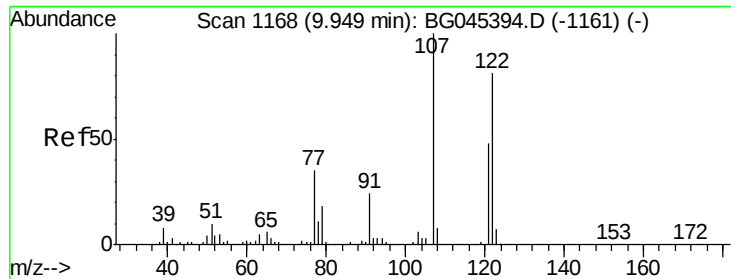
Tgt Ion:	105	Resp:	186347
Ion	Ratio	Lower	Upper
105	100		
71	1.3	3.4	5.0#
51	6.9	18.2	27.2#
120	2.6	18.6	27.8#



#23
Nitrobenzene-d5
Concen: 100.04 ng
RT: 9.11 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BG045624.D
Acq: 5 Jun 2020 20:12

Tgt Ion:	82	Resp:	424703
Ion	Ratio	Lower	Upper
82	100		
128	38.7	30.9	46.3
54	41.3	30.3	45.5

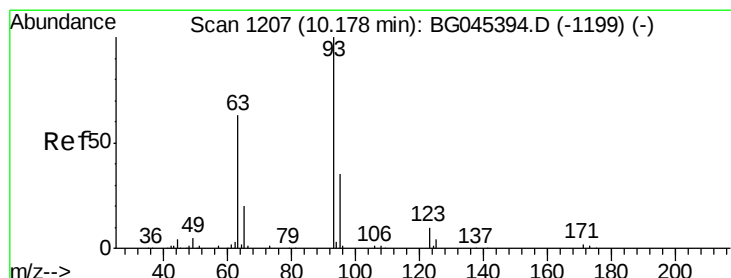
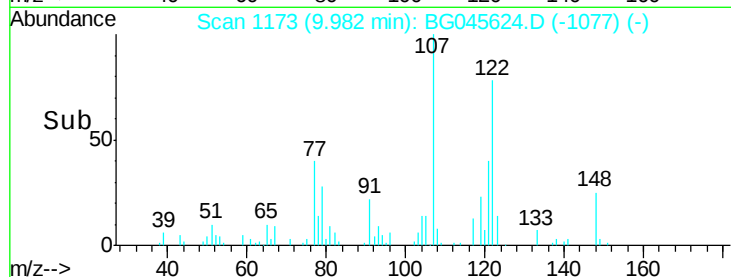
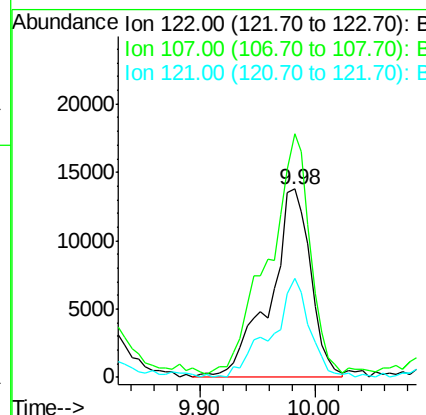
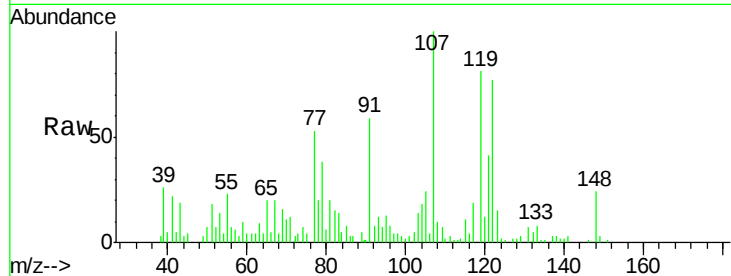




#27
 2,4-Dimethylphenol
 Concen: 11.72 ng
 RT: 9.98 min Scan# 1173
 Delta R.T. 0.03 min
 Lab File: BG045624.D
 Acq: 5 Jun 2020 20:12

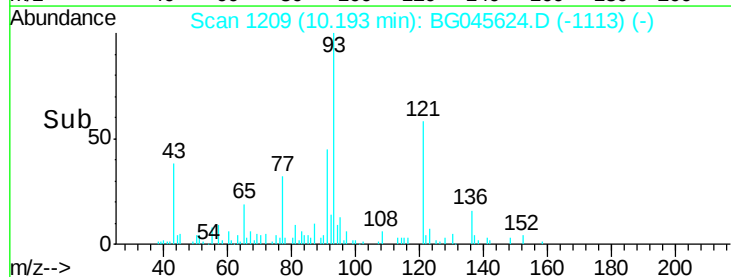
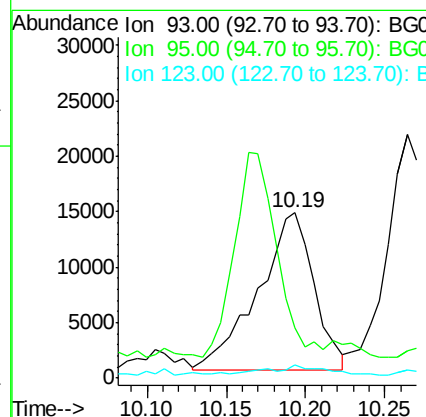
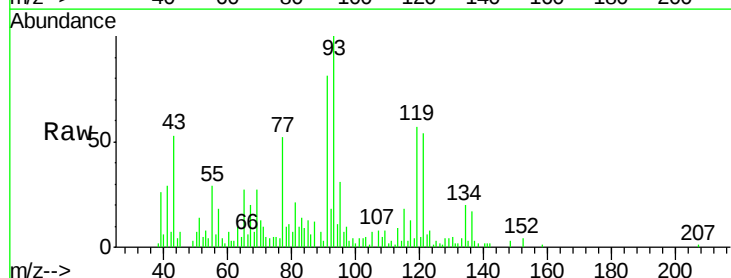
Instrument :
 BNA_G
 ClientSampleId :
 SP-UST

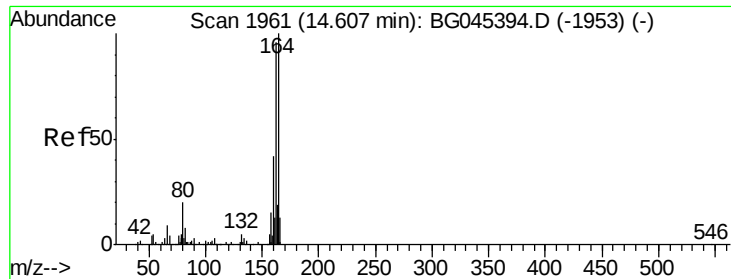
Tgt Ion: 122 Resp: 33820
 Ion Ratio Lower Upper
 122 100
 107 129.4 99.0 148.4
 121 52.9 47.7 71.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 7.95 ng
 RT: 10.19 min Scan# 1209
 Delta R.T. 0.03 min
 Lab File: BG045624.D
 Acq: 5 Jun 2020 20:12

Tgt Ion: 93 Resp: 34855
 Ion Ratio Lower Upper
 93 100
 95 30.6 27.6 41.4
 123 7.9 8.1 12.1#





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.59 min Scan# 1958

Delta R.T. -0.00 min

Lab File: BG045624.D

Acq: 5 Jun 2020 20:12

Instrument :

BNA_G

ClientSampleId :

SP-UST

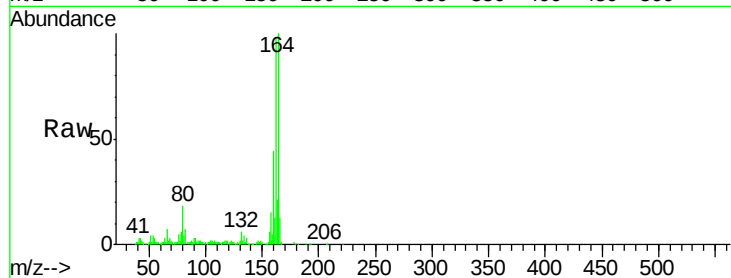
Tgt Ion:164 Resp: 162338

Ion Ratio Lower Upper

164 100

162 97.6 76.9 115.3

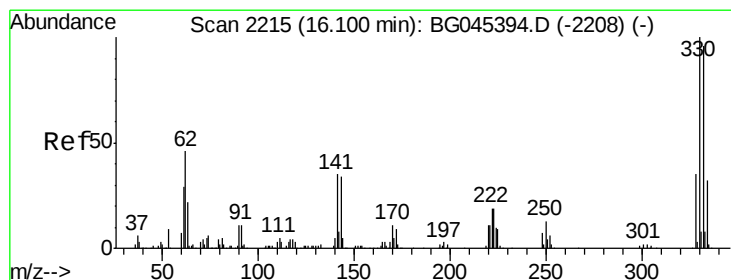
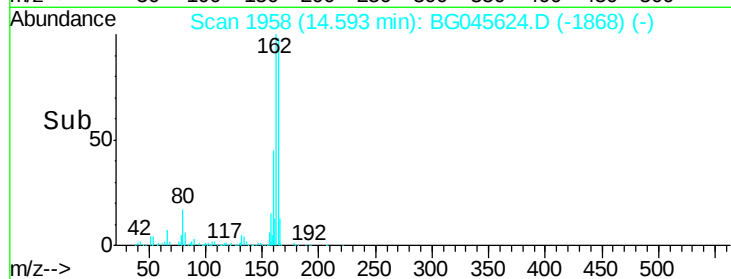
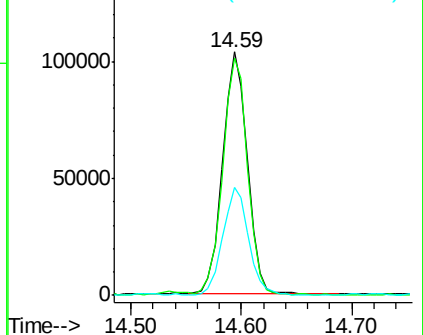
160 44.5 33.8 50.8



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 153.12 ng

RT: 16.09 min Scan# 2213

Delta R.T. -0.00 min

Lab File: BG045624.D

Acq: 5 Jun 2020 20:12

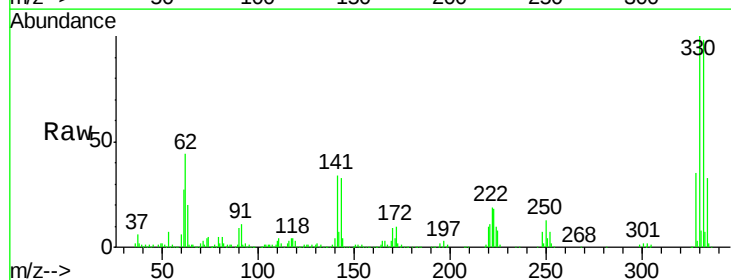
Tgt Ion:330 Resp: 317900

Ion Ratio Lower Upper

330 100

332 96.5 78.2 117.4

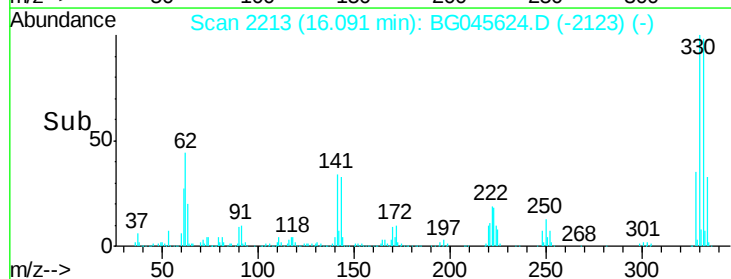
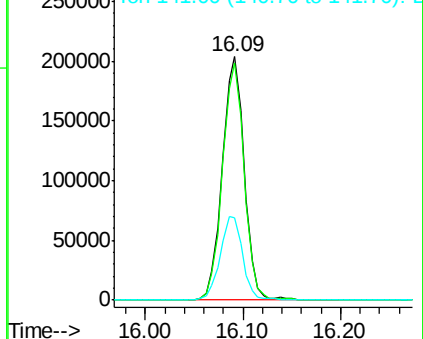
141 35.2 28.2 42.4

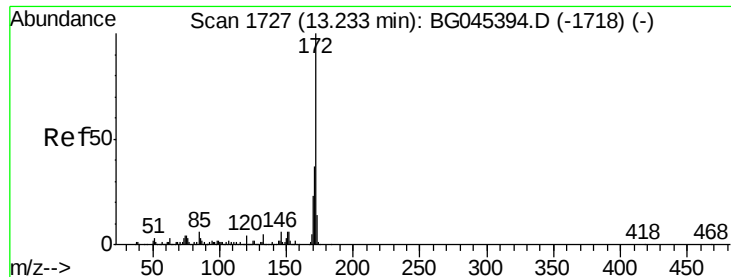


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

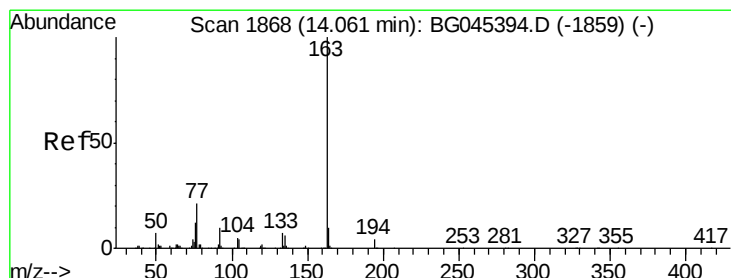
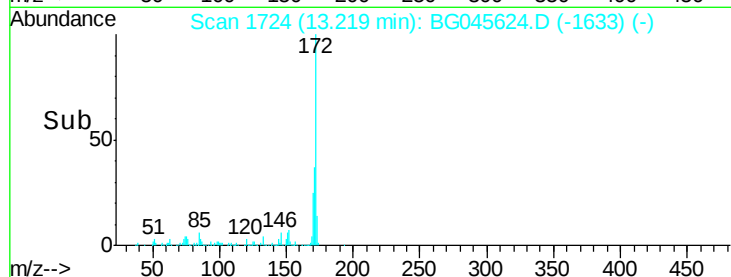
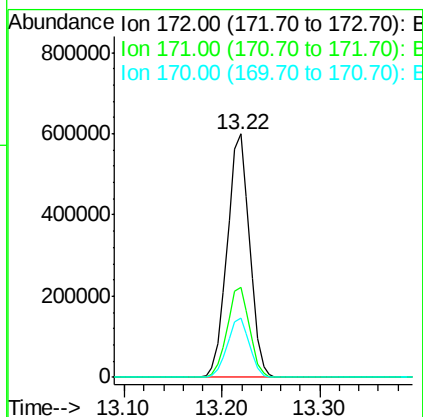
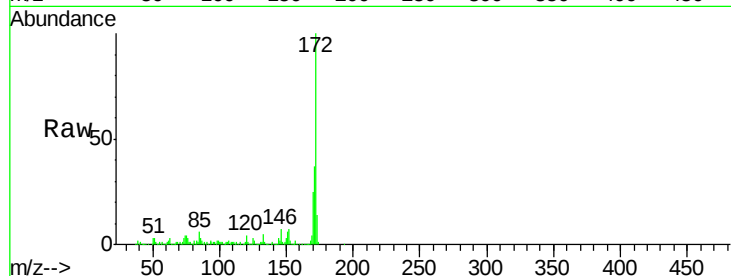




#45
 2-Fluorobiphenyl
 Concen: 99.28 ng
 RT: 13.22 min Scan# 1724
 Delta R.T. 0.00 min
 Lab File: BG045624.D
 Acq: 5 Jun 2020 20:12

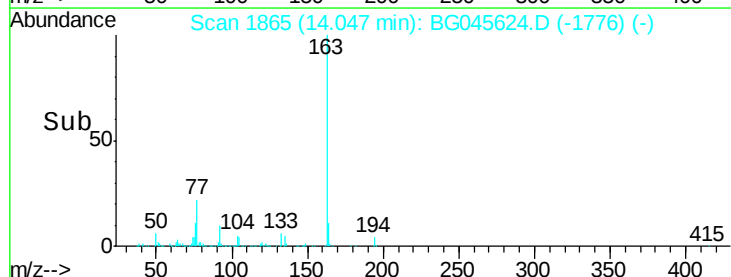
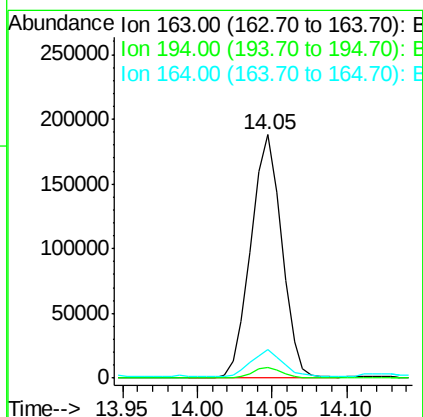
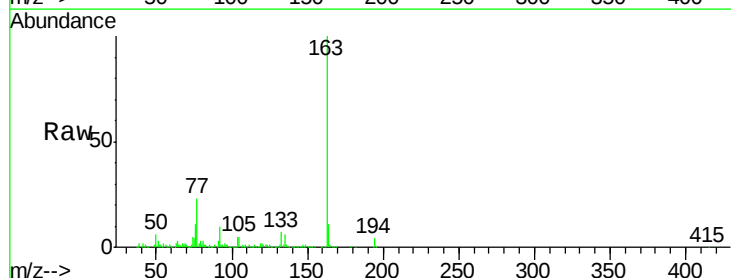
Instrument :
 BNA_G
 ClientSampleId :
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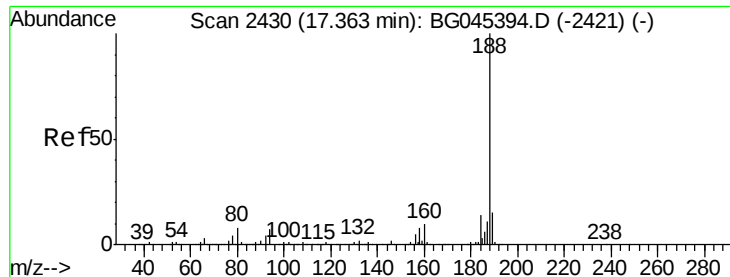
Tgt Ion:	172	Resp:	950157
Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.5	44.3
170	24.5	18.5	27.7



#50
 Dimethylphthalate
 Concen: 24.23 ng
 RT: 14.05 min Scan# 1865
 Delta R.T. -0.01 min
 Lab File: BG045624.D
 Acq: 5 Jun 2020 20:12

Tgt Ion:	163	Resp:	269883
Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.2	4.8
164	11.5	8.3	12.5





#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.34 min Scan# 2426

Delta R.T. -0.00 min

Lab File: BG045624.D

Acq: 5 Jun 2020 20:12

Instrument :

BNA_G

ClientSampleId :

SP-UST

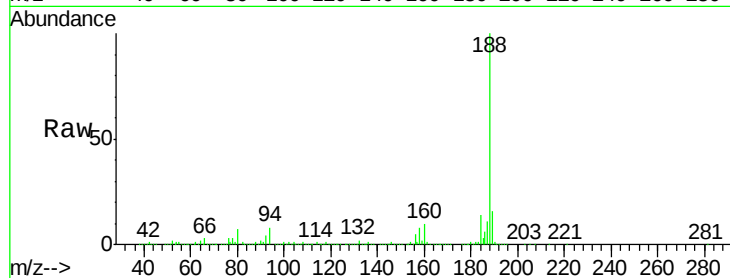
Tgt Ion:188 Resp: 364214

Ion Ratio Lower Upper

188 100

94 7.5 5.5 8.3

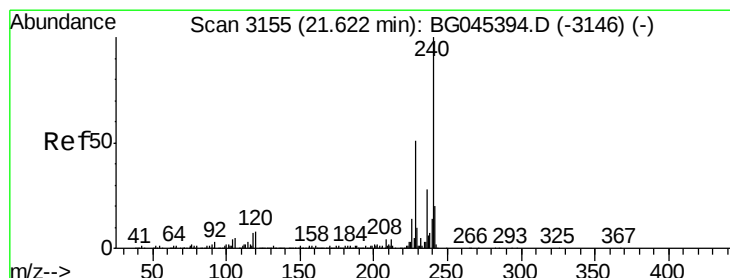
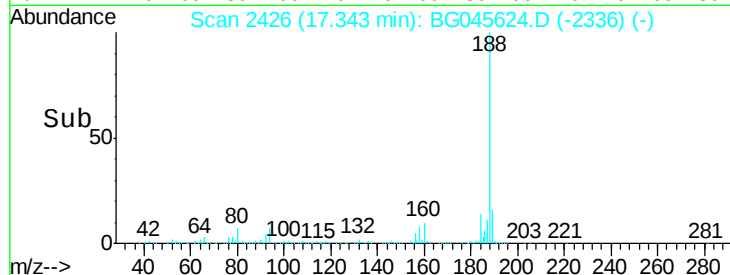
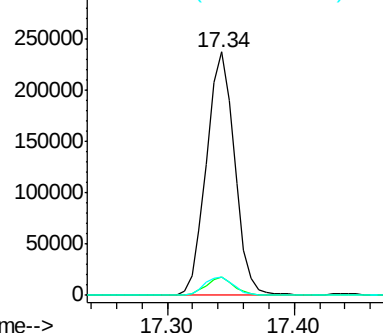
80 7.4 6.6 10.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.60 min Scan# 3151

Delta R.T. -0.00 min

Lab File: BG045624.D

Acq: 5 Jun 2020 20:12

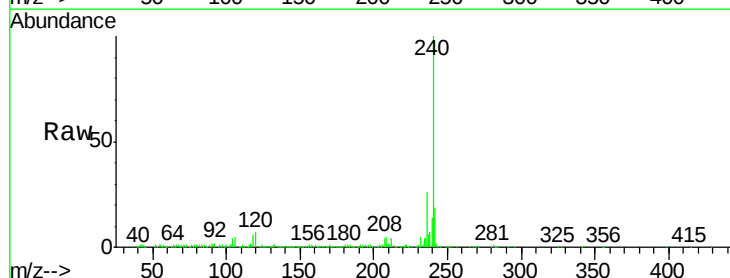
Tgt Ion:240 Resp: 358093

Ion Ratio Lower Upper

240 100

120 7.4 6.1 9.1

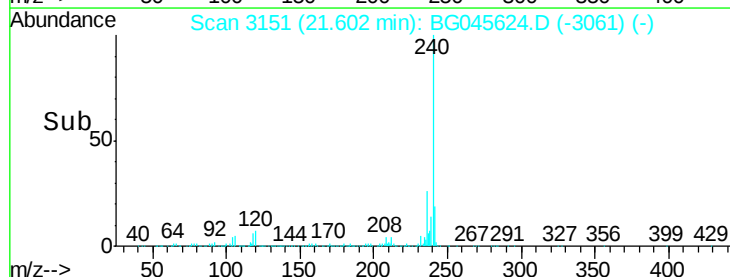
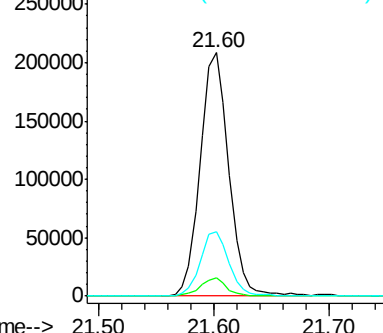
236 26.3 22.3 33.5

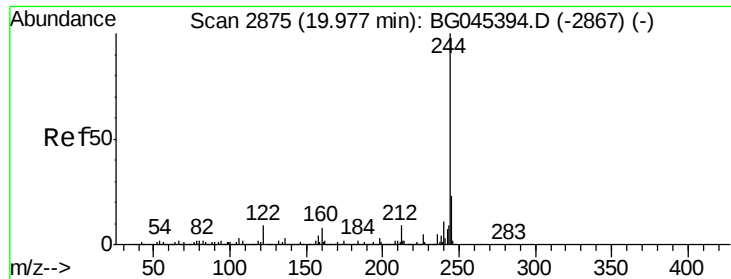


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

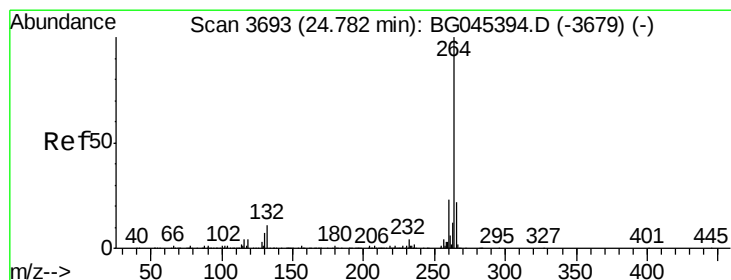
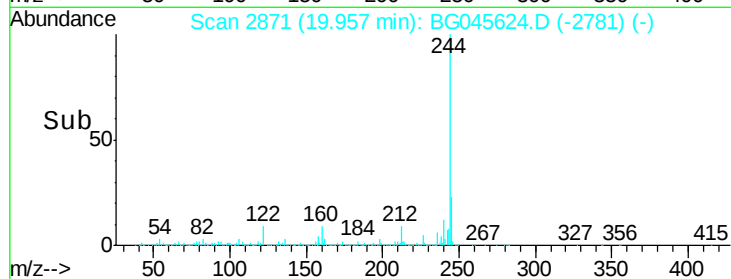
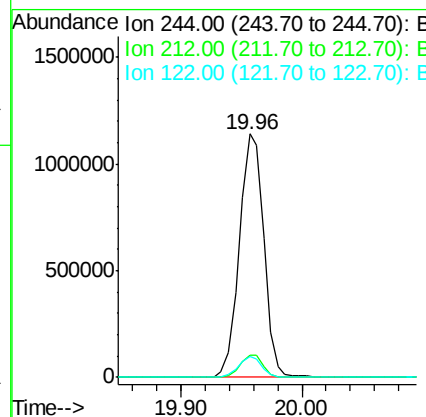
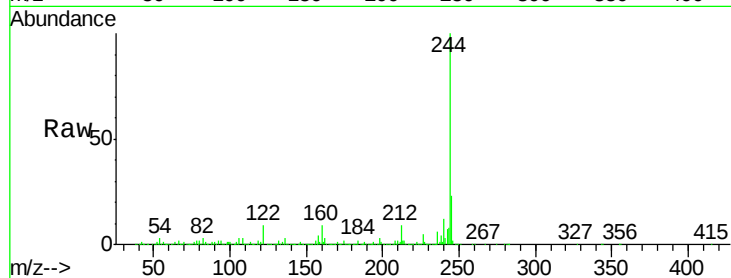




#79
 Terphenyl-d14
 Concen: 104.99 ng
 RT: 19.96 min Scan# 2871
 Delta R.T. -0.00 min
 Lab File: BG045624.D
 Acq: 5 Jun 2020 20:12

Instrument :
 BNA_G
 ClientSampleId :
 SP-UST

Tgt Ion:244 Resp: 1612040
 Ion Ratio Lower Upper
 244 100
 212 9.2 7.4 11.0
 122 8.8 6.8 10.2



#87
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.74 min Scan# 3686
 Delta R.T. -0.01 min
 Lab File: BG045624.D
 Acq: 5 Jun 2020 20:12

Tgt Ion:264 Resp: 390512
 Ion Ratio Lower Upper
 264 100
 260 22.5 18.2 27.4
 265 22.8 17.6 26.4

