

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060920\
 Data File : BG045679.D
 Acq On : 10 Jun 2020 3:56
 Operator : CG/JU
 Sample : L2939-06
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 2020-06-02-FD02

Quant Time: Jun 10 06:11:43 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

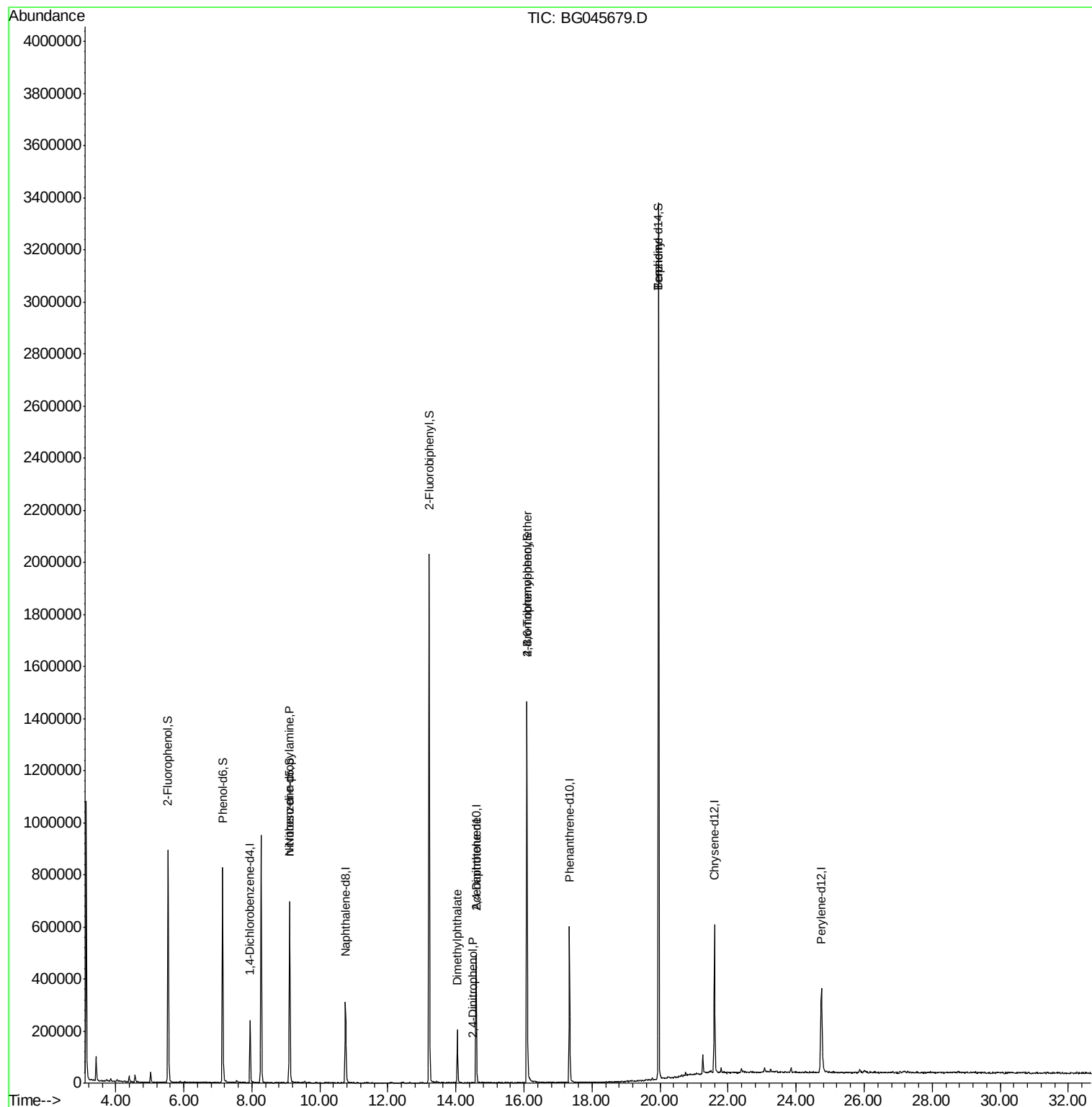
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	71566	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	285082	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	195086	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	418853	20.00	ng	0.00
76) Chrysene-d12	21.60	240	384916	20.00	ng	0.00
87) Perylene-d12	24.74	264	405691	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	436715	119.26	ng	0.00
7) Phenol-d6	7.14	99	555147	106.51	ng	0.00
23) Nitrobenzene-d5	9.11	82	494301	94.55	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	315878	126.61	ng	0.00
45) 2-Fluorobiphenyl	13.21	172	1094411	95.16	ng	0.00
79) Terphenyl-d14	19.96	244	1644266	99.63	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.11	70	69415	19.259	ng	Qvalue # 83
50) Dimethylphthalate	14.04	163	140503	10.499	ng	100
54) 2,4-Dinitrophenol	14.51	184	56	5.485	ng	# 17
57) 2,4-Dinitrotoluene	14.59	165	25089	5.737	ng	# 22
67) 4-Bromophenyl-phenylether	16.08	248	21275	4.691	ng	# 1
77) Benzidine	19.96	184	32212	2.980	ng	# 92

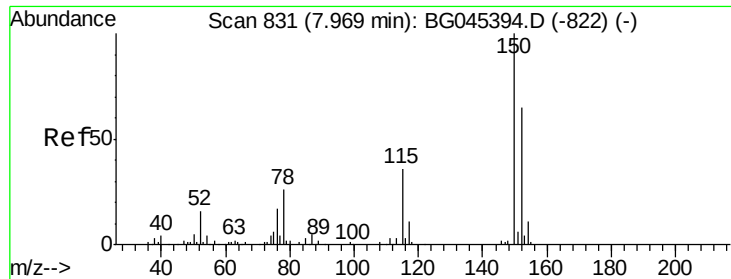
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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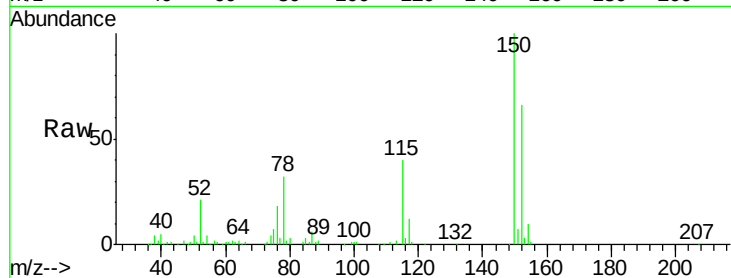


#1

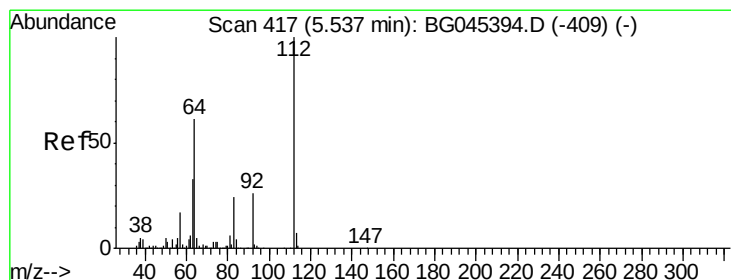
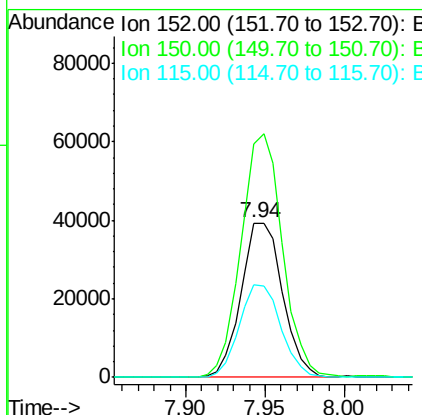
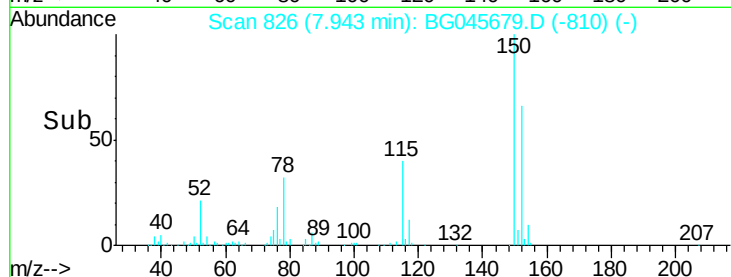
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.94 min Scan# 826
Delta R.T. -0.01 min
Lab File: BG045679.D
Acq: 10 Jun 2020 3:56

Instrument :
BNA_G
ClientSampleId :
2020-06-02-FD02

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.6	122.4	183.6
115	60.2	44.2	66.4



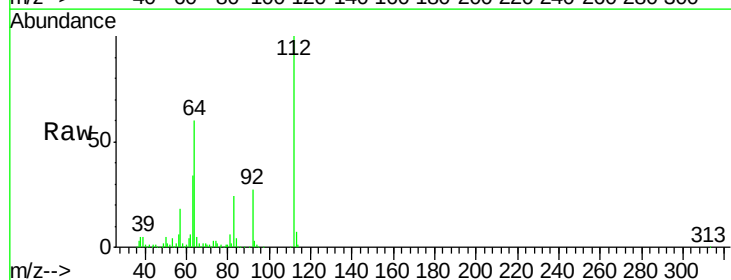
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



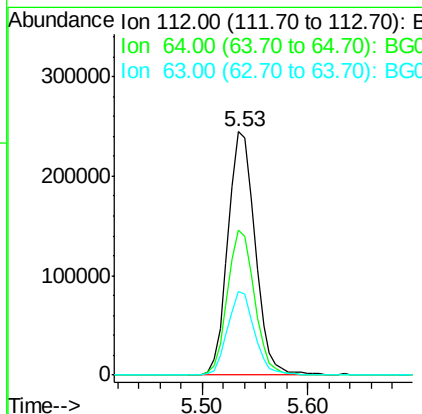
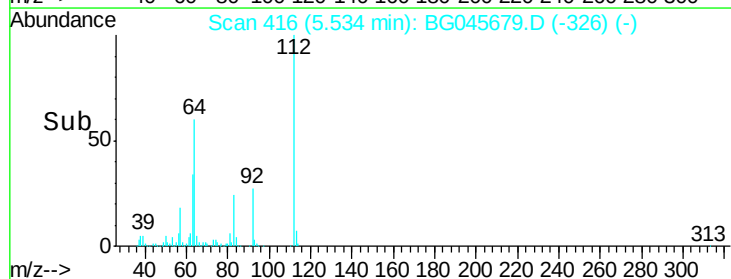
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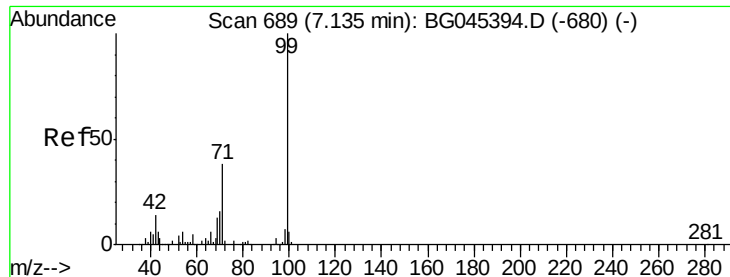
2-Fluorophenol
Concen: 119.256 ng
RT: 5.53 min Scan# 416
Delta R.T. -0.00 min
Lab File: BG045679.D
Acq: 10 Jun 2020 3:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.6	48.6	72.8
63	34.3	26.5	39.7



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: 106.511 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.01 min

Lab File: BG045679.D

Acq: 10 Jun 2020 3:56

Instrument :

BNA_G

ClientSampleId :

2020-06-02-FD02

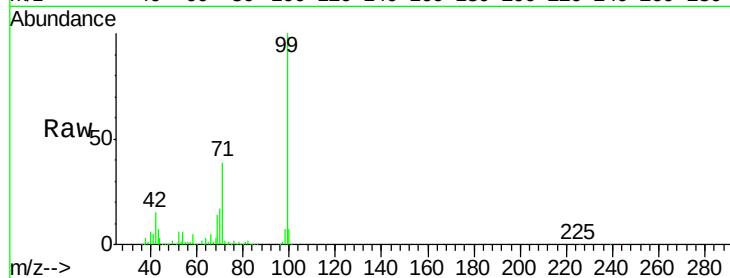
Tot Ion: 99 Resp: 555147

Ion Ratio Lower Upper

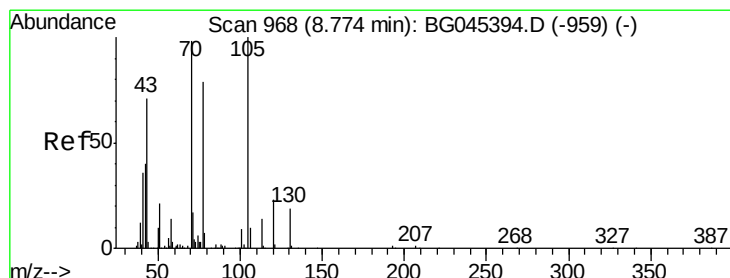
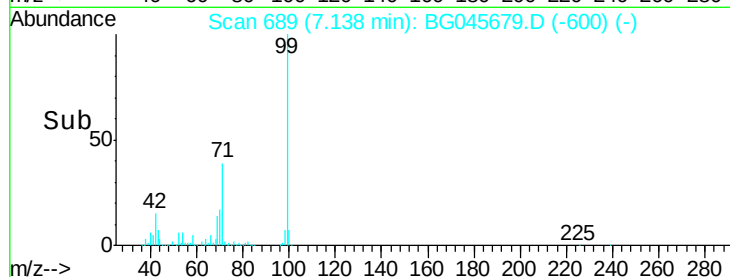
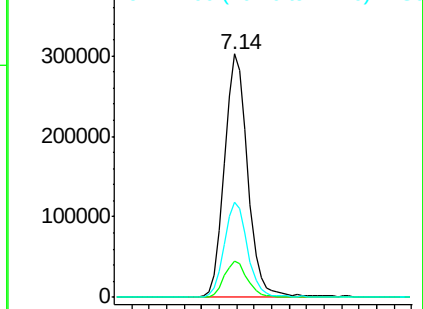
99 100

42 14.7 11.3 16.9

71 39.2 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



#19

n-Nitroso-di-n-propylamine

Concen: 19.259 ng

RT: 9.11 min Scan# 1025

Delta R.T. 0.36 min

Lab File: BG045679.D

Acq: 10 Jun 2020 3:56

Tgt Ion: 70 Resp: 69415

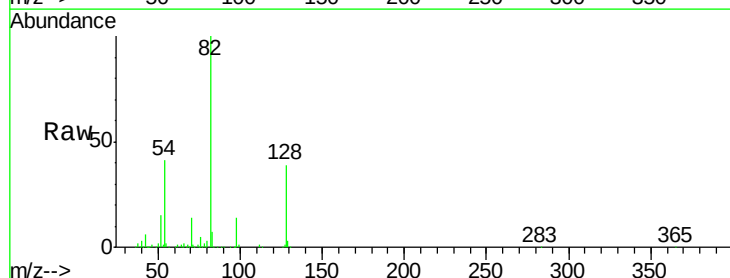
Ion Ratio Lower Upper

70 100

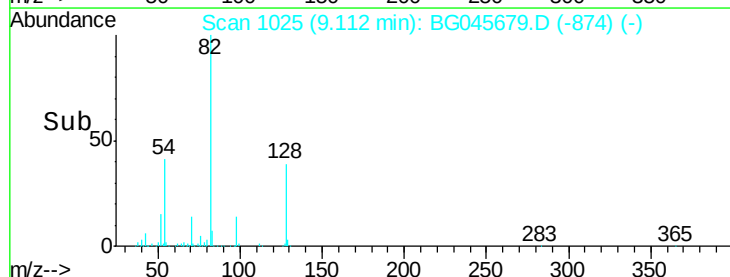
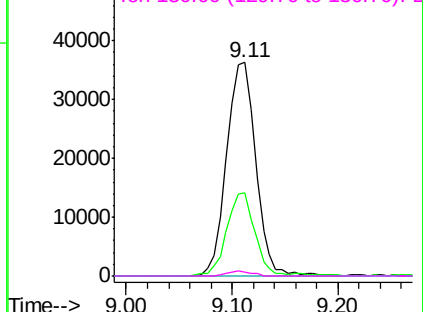
42 39.0 33.2 49.8

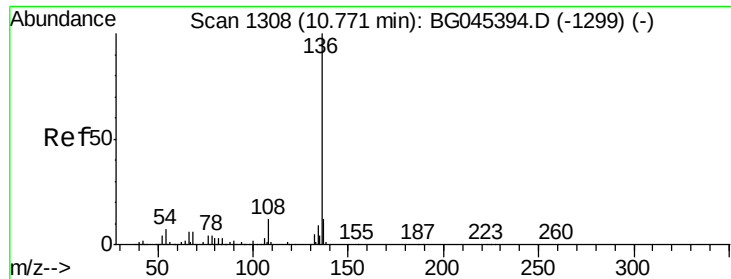
101 0.0 7.8 11.6#

130 1.7 15.4 23.2#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

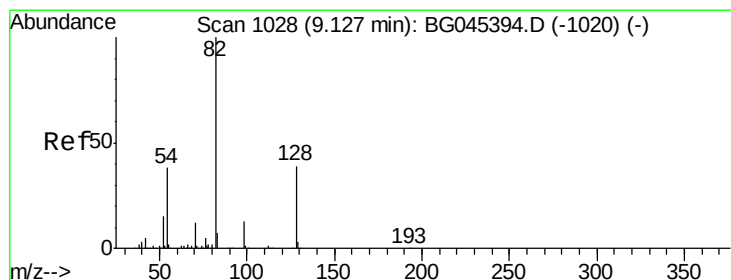
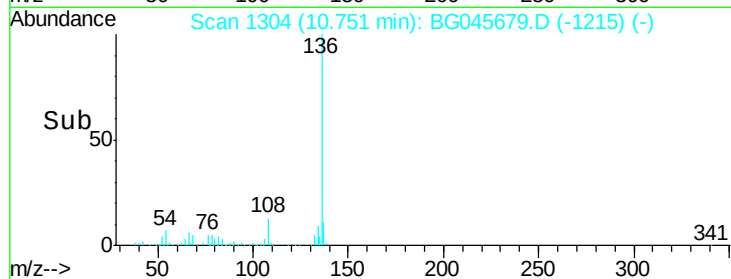
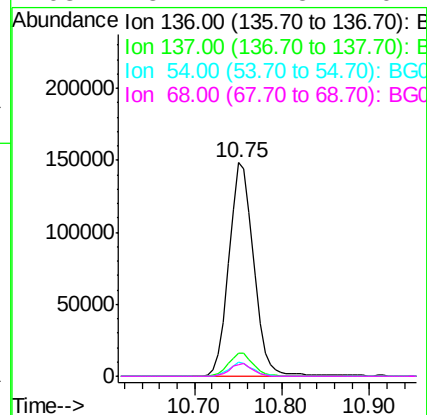
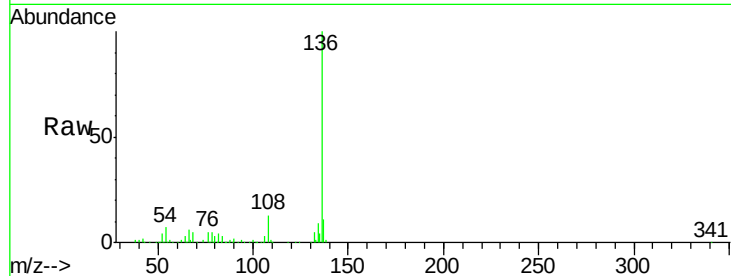




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BG045679.D
Acq: 10 Jun 2020 3:56

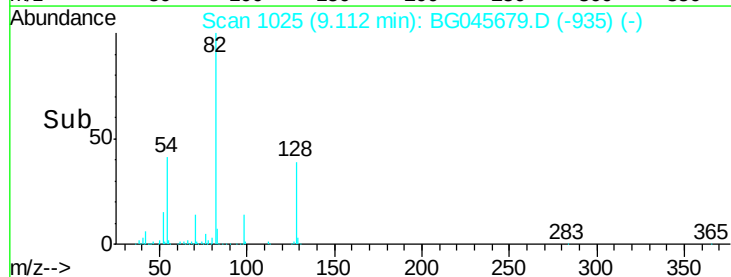
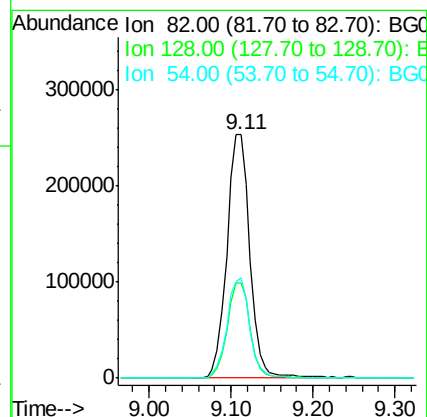
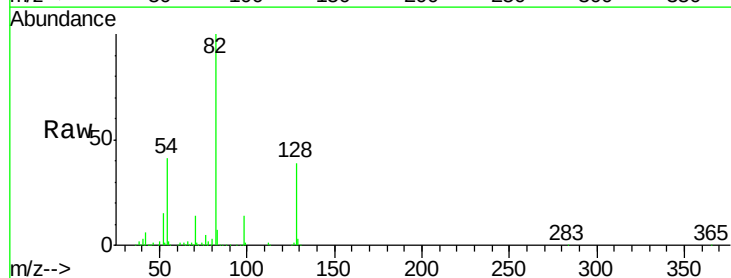
Instrument :
BNA_G
ClientSampleId :
2020-06-02-FD02

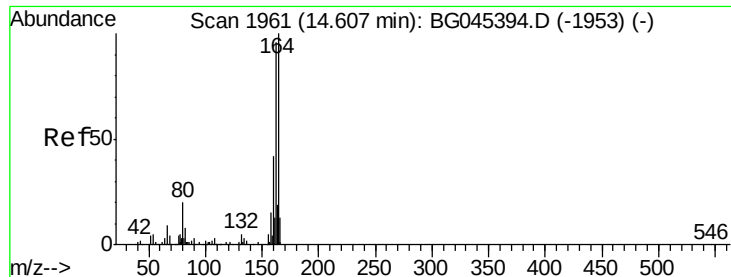
Tot Ion:	136	Resp:	285082
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.4	14.2
54	6.7	5.8	8.6
68	5.1	4.5	6.7



#23
Nitrobenzene-d5
Concen: 94.552 ng
RT: 9.11 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BG045679.D
Acq: 10 Jun 2020 3:56

Tgt Ion:	82	Resp:	494301
Ion	Ratio	Lower	Upper
82	100		
128	39.3	30.9	46.3
54	41.0	30.3	45.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.59 min Scan# 1958

Delta R.T. -0.00 min

Lab File: BG045679.D

Acq: 10 Jun 2020 3:56

Instrument :

BNA_G

ClientSampleId :

2020-06-02-FD02

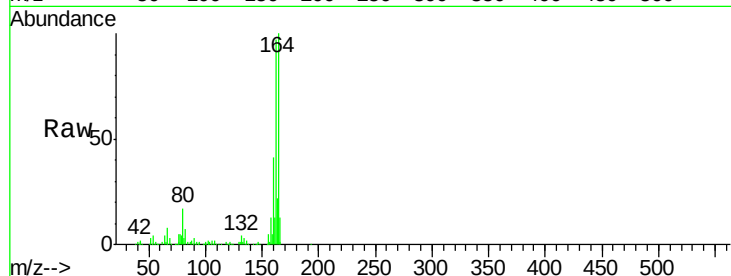
Tot Ion:164 Resp: 195086

Ion Ratio Lower Upper

164 100

162 97.0 76.9 115.3

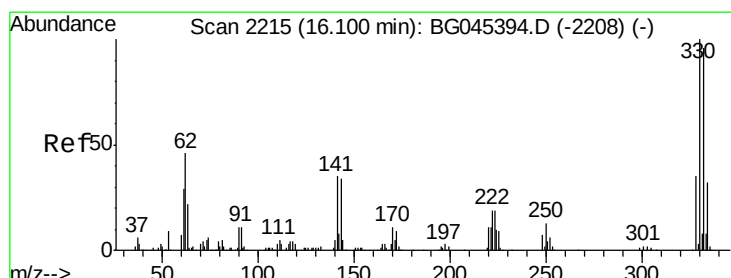
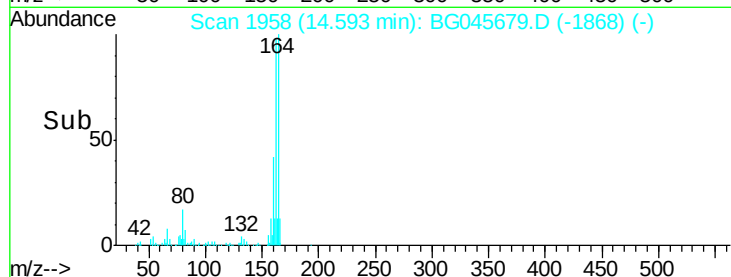
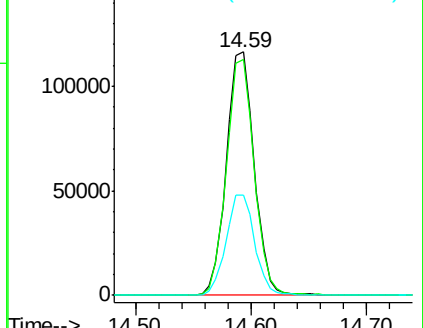
160 41.4 33.8 50.8



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: 126.608 ng

RT: 16.08 min Scan# 2212

Delta R.T. -0.01 min

Lab File: BG045679.D

Acq: 10 Jun 2020 3:56

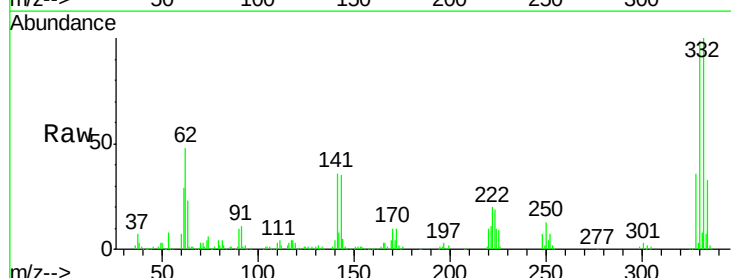
Tgt Ion:330 Resp: 315878

Ion Ratio Lower Upper

330 100

332 97.9 78.2 117.4

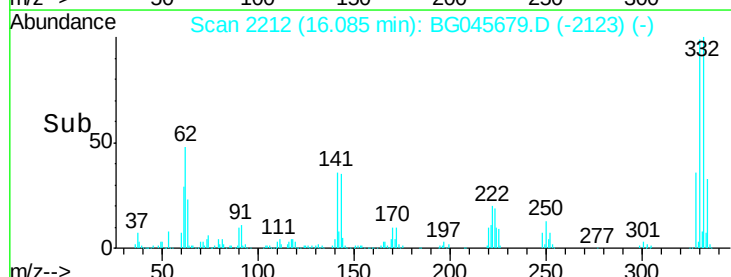
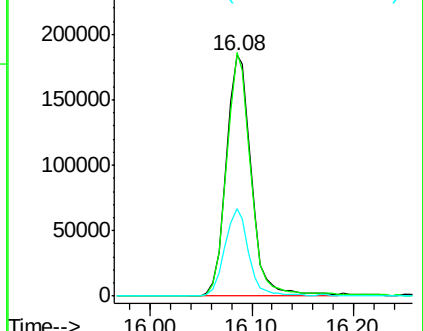
141 34.8 28.2 42.4

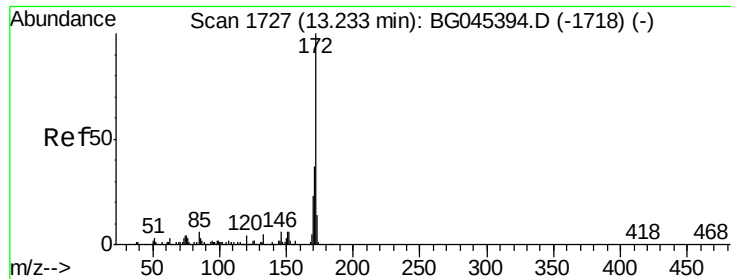


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

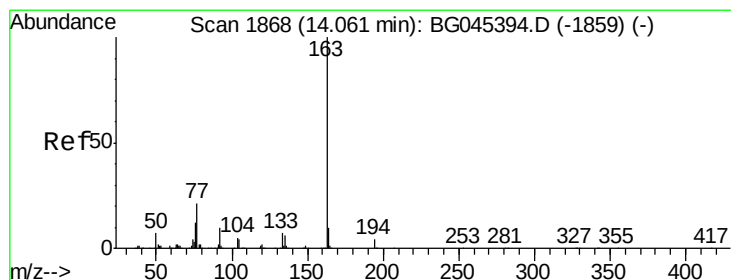
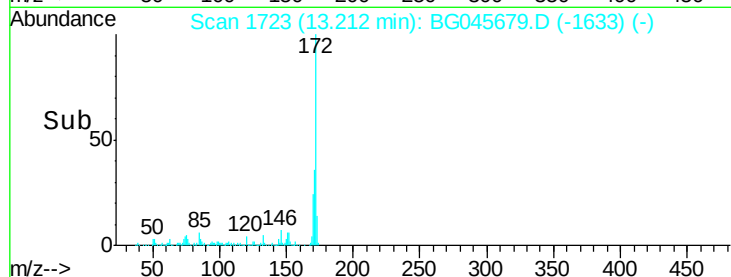
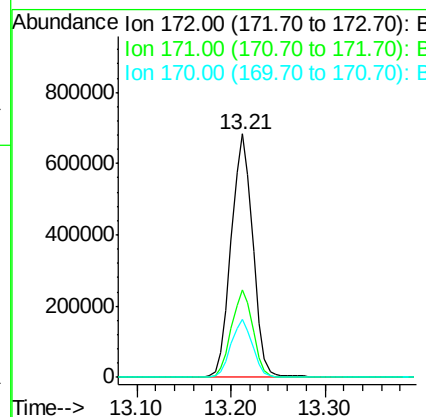
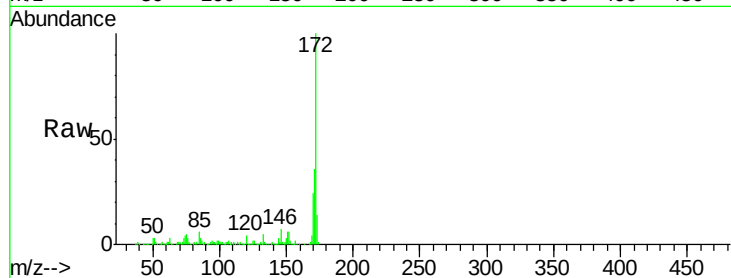




#45
2-Fluorobiphenyl
Concen: 95.155 ng
RT: 13.21 min Scan# 1723
Delta R.T. -0.00 min
Lab File: BG045679.D
Acq: 10 Jun 2020 3:56

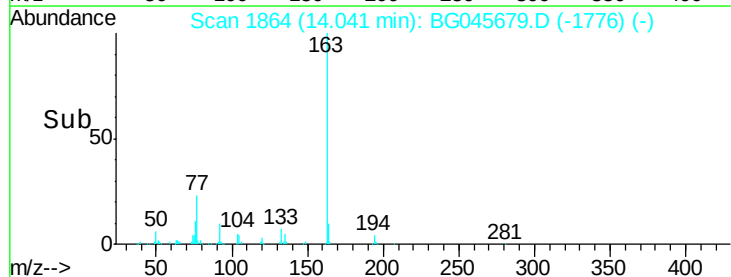
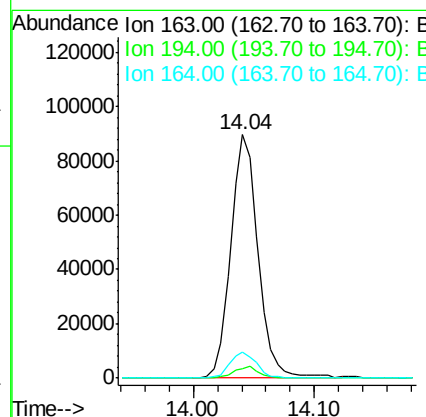
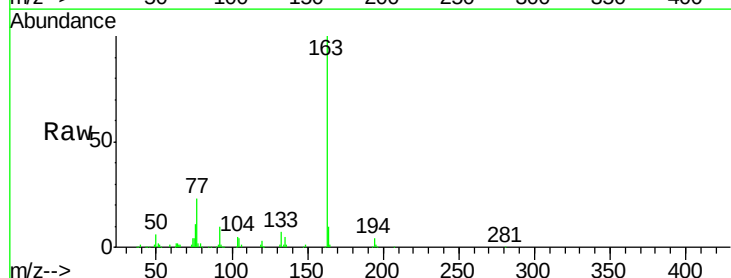
Instrument :
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2020-06-02-FD02

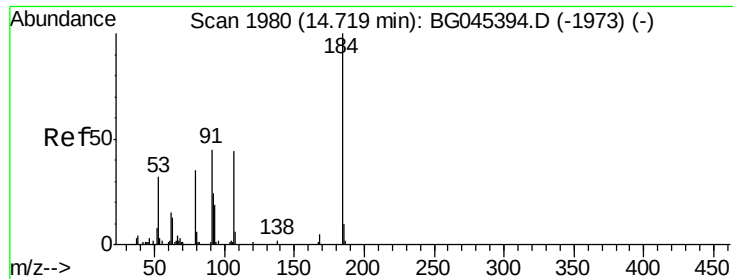
Tot Ion:172 Resp: 1094411
Ion Ratio Lower Upper
172 100
171 36.1 29.5 44.3
170 23.7 18.5 27.7



#50
Dimethylphthalate
Concen: 10.499 ng
RT: 14.04 min Scan# 1864
Delta R.T. -0.01 min
Lab File: BG045679.D
Acq: 10 Jun 2020 3:56

Tgt Ion:163 Resp: 140503
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 10.5 8.3 12.5

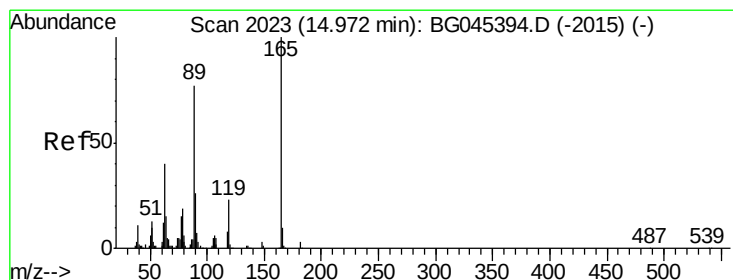
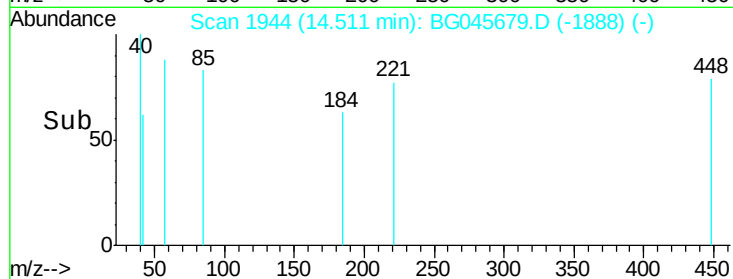
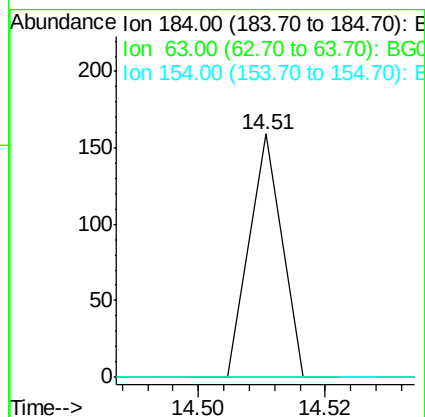
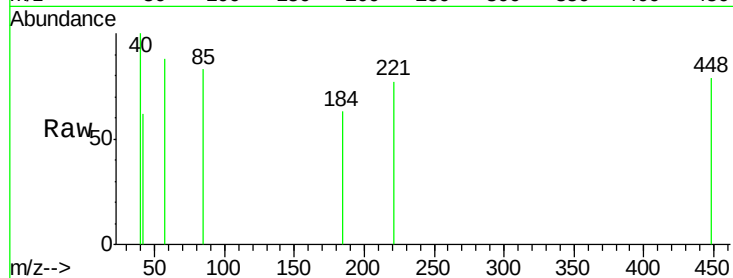




#54
2,4-Dinitrophenol
Concen: 5.485 ng
RT: 14.51 min Scan# 1944
Delta R.T. -0.20 min
Lab File: BG045679.D
Acq: 10 Jun 2020 3:56

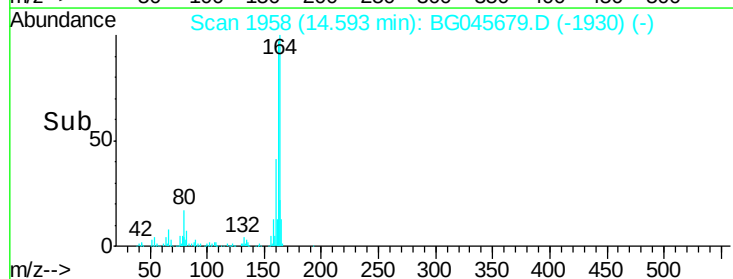
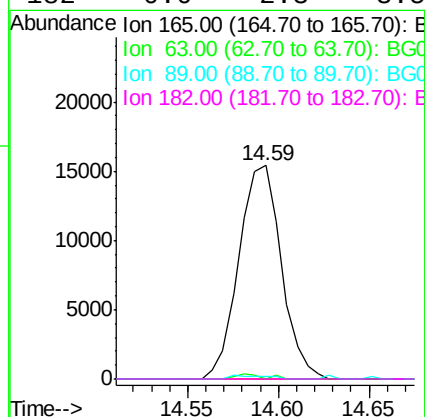
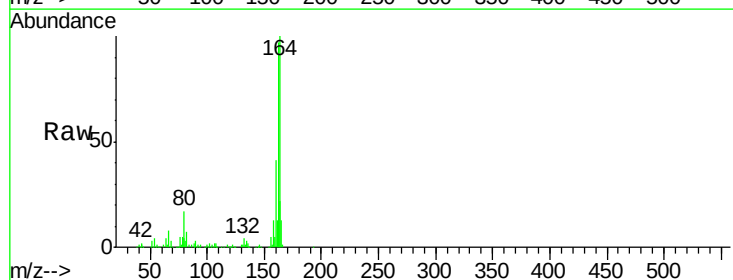
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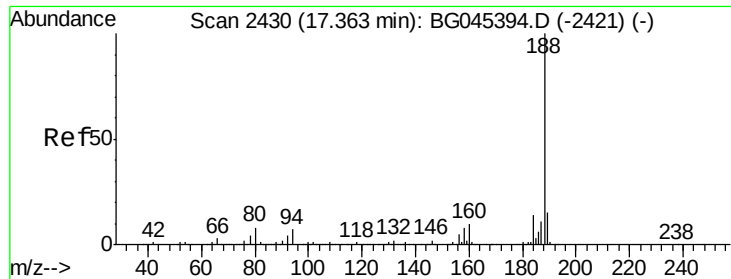
Tot Ion:184 Resp: 56
Ion Ratio Lower Upper
184 100
63 0.0 47.8 71.6#
154 0.0 58.3 87.5#



#57
2,4-Dinitrotoluene
Concen: 5.737 ng
RT: 14.59 min Scan# 1958
Delta R.T. -0.37 min
Lab File: BG045679.D
Acq: 10 Jun 2020 3:56

Tgt Ion:165 Resp: 25089
Ion Ratio Lower Upper
165 100
63 0.0 32.5 48.7#
89 1.1 61.8 92.6#
182 0.0 2.3 3.5#

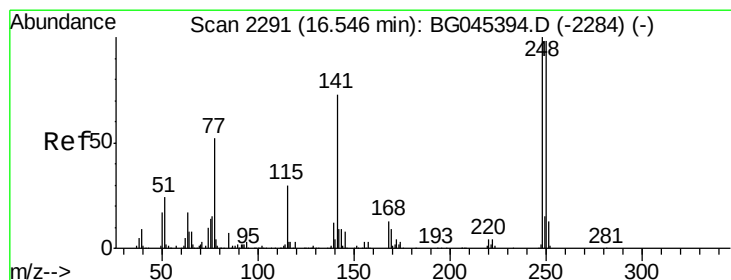
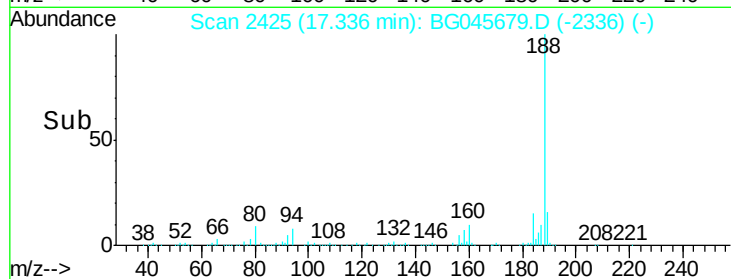
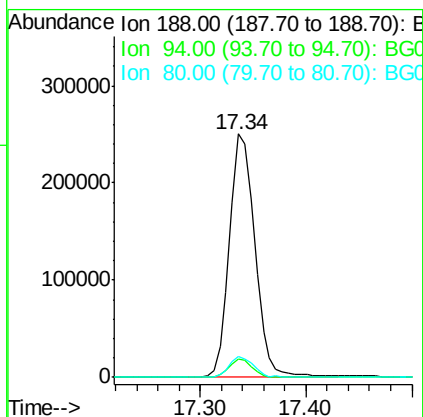
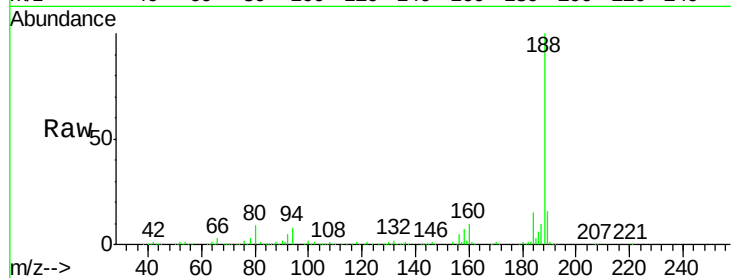




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.34 min Scan# 2425
Delta R.T. -0.01 min
Lab File: BG045679.D
Acq: 10 Jun 2020 3:56

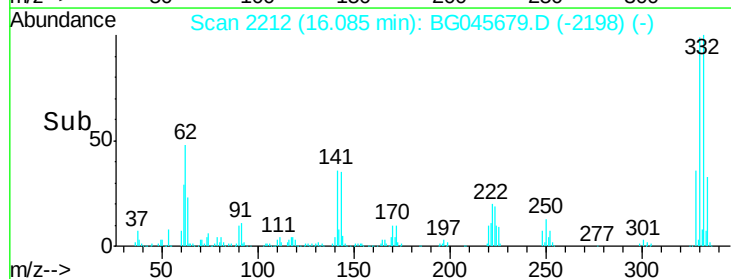
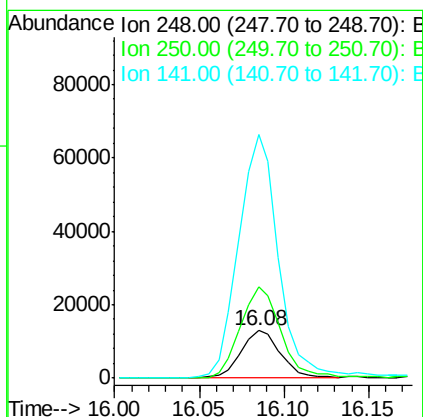
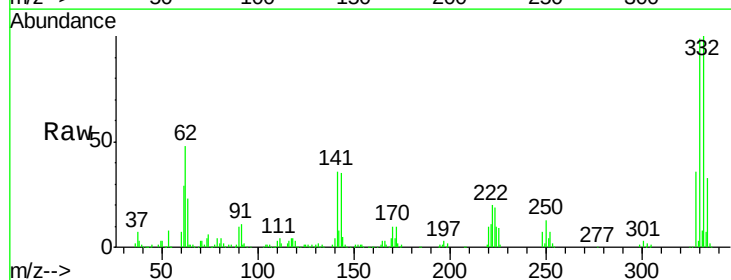
Instrument :
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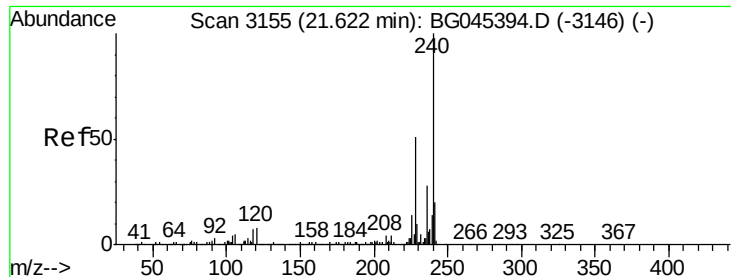
Tot Ion:188 Resp: 418853
Ion Ratio Lower Upper
188 100
94 7.7 5.5 8.3
80 8.8 6.6 10.0



#67
4-Bromophenyl-phenylether
Concen: 4.691 ng
RT: 16.08 min Scan# 2212
Delta R.T. -0.45 min
Lab File: BG045679.D
Acq: 10 Jun 2020 3:56

Tgt Ion:248 Resp: 21275
Ion Ratio Lower Upper
248 100
250 192.4 78.6 117.8#
141 511.2 58.2 87.2#

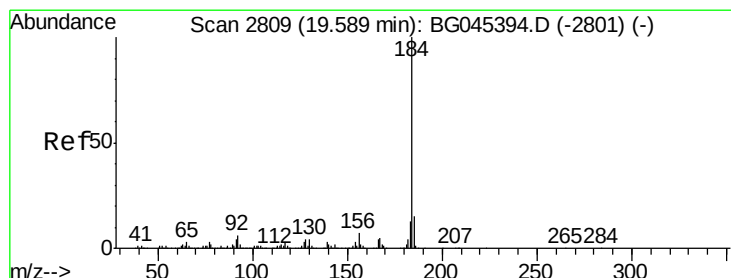
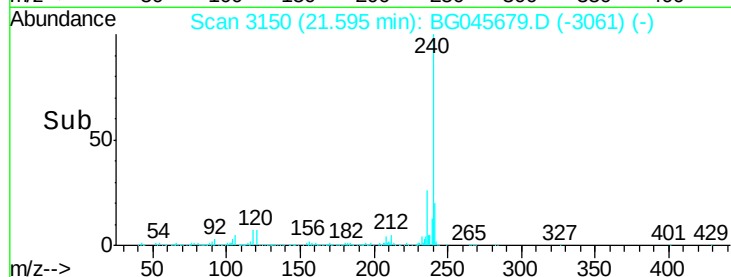
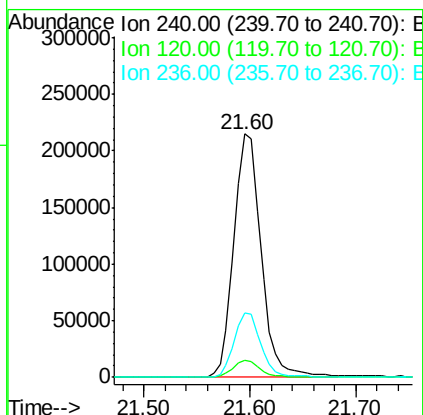
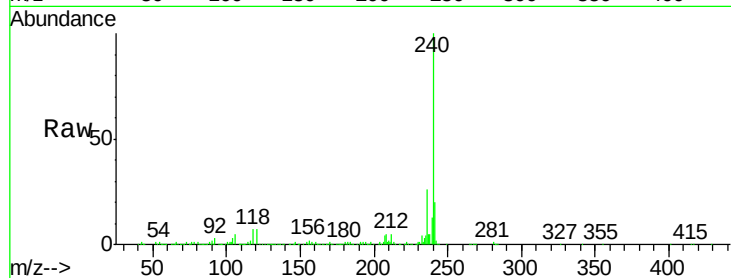




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.60 min Scan# 3150
Delta R.T. -0.01 min
Lab File: BG045679.D
Acq: 10 Jun 2020 3:56

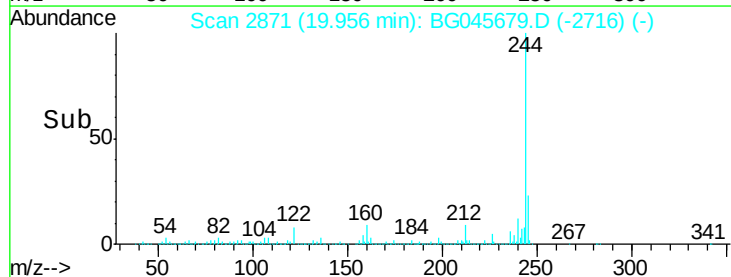
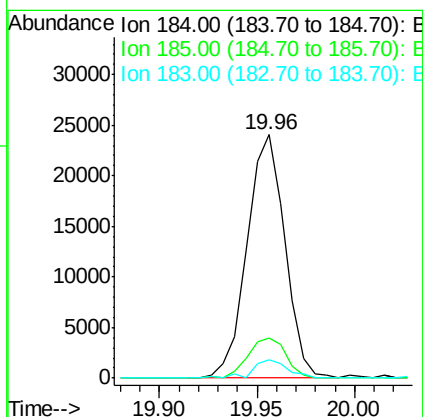
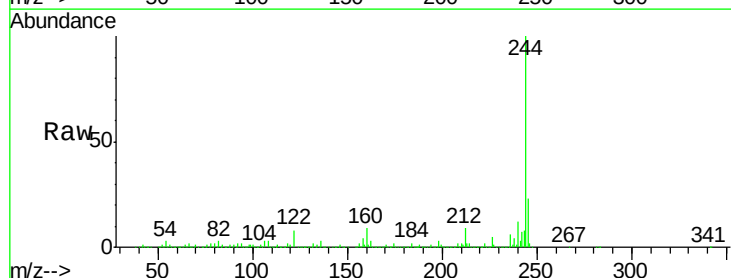
Instrument :
BNA_G
ClientSampleId :
2020-06-02-FD02

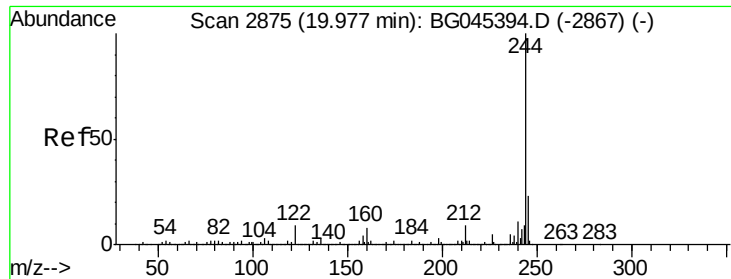
Tot Ion:240 Resp: 384916
Ion Ratio Lower Upper
240 100
120 6.9 6.1 9.1
236 26.3 22.3 33.5



#77
Benzidine
Concen: 2.980 ng
RT: 19.96 min Scan# 2871
Delta R.T. 0.38 min
Lab File: BG045679.D
Acq: 10 Jun 2020 3:56

Tgt Ion:184 Resp: 32212
Ion Ratio Lower Upper
184 100
185 16.3 11.7 17.5
183 7.8 10.2 15.4#





#79

Terphenyl-d14

Concen: 99.630 ng

RT: 19.96 min Scan# 2871

Delta R.T. -0.00 min

Lab File: BG045679.D

Acq: 10 Jun 2020 3:56

Instrument :

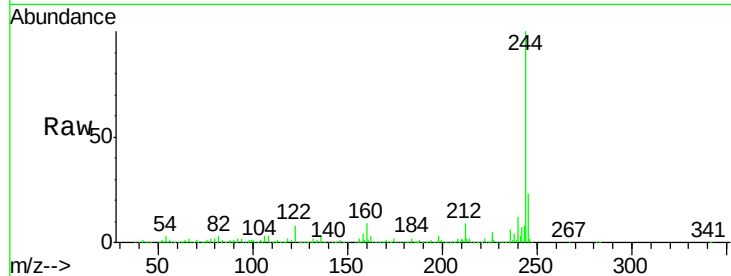
BNA_G

ClientSampleId :

2020-06-02-FD02

Tot Ion:244 Resp: 1644266

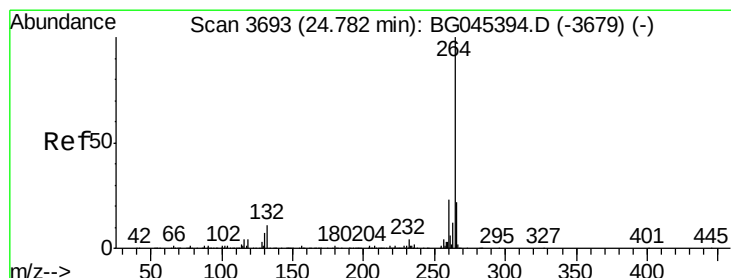
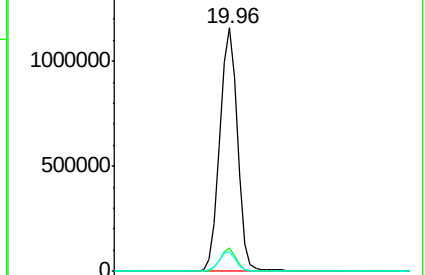
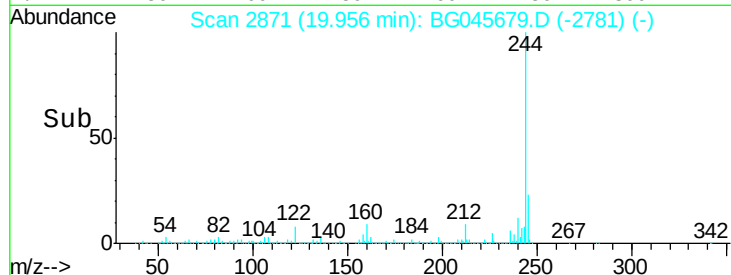
Ion	Ratio	Lower	Upper
244	100		
212	9.4	7.4	11.0
122	8.2	6.8	10.2



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.74 min Scan# 3686

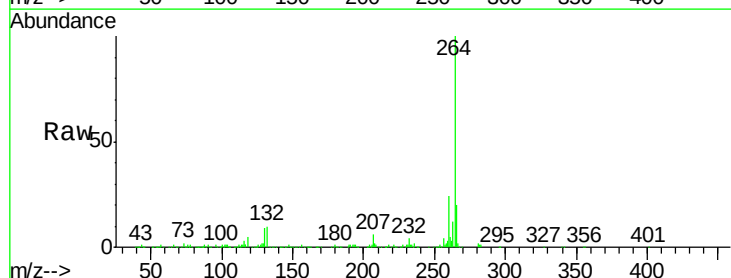
Delta R.T. -0.01 min

Lab File: BG045679.D

Acq: 10 Jun 2020 3:56

Tgt Ion:264 Resp: 405691

Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.2	27.4
265	20.4	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

