

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG052120\
 Data File : BG045439.D
 Acq On : 21 May 2020 14:22
 Operator : CG/JU
 Sample : PB129032BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB129032BL

Quant Time: May 21 15:09:40 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 20 14:43:36 2020
 Response via : Initial Calibration

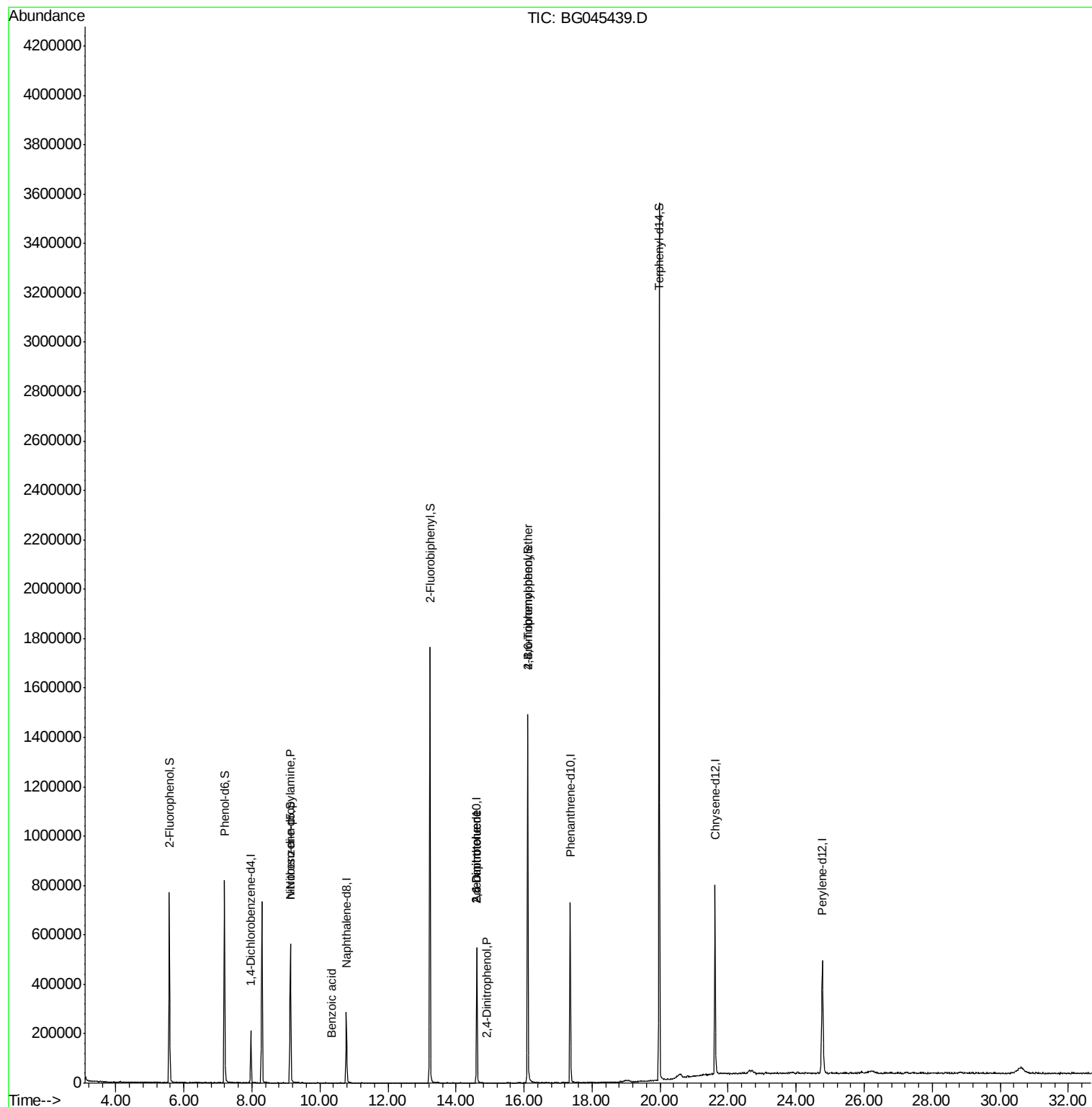
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	66066	20.00	ng	0.01
21) Naphthalene-d8	10.77	136	272475	20.00	ng	0.00
39) Acenaphthene-d10	14.61	164	204648	20.00	ng	0.00
64) Phenanthrene-d10	17.36	188	497001	20.00	ng	0.00
76) Chrysene-d12	21.62	240	505547	20.00	ng	0.00
87) Perylene-d12	24.77	264	525565	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	396903	117.41	ng	0.00
7) Phenol-d6	7.19	99	560553	116.50	ng	0.00
23) Nitrobenzene-d5	9.13	82	394100	78.87	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	309968	118.43	ng	0.00
45) 2-Fluorobiphenyl	13.24	172	985043	81.64	ng	0.00
79) Terphenyl-d14	19.97	244	1793639	82.75	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.13	70	52782	15.864	ng	# 75
32) Benzoic acid	10.35	122	79	10.050	ng	# 1
51) 2,6-Dinitrotoluene	14.61	165	27054	8.540	ng	# 24
54) 2,4-Dinitrophenol	14.91	184	72	5.491	ng	# 17
57) 2,4-Dinitrotoluene	14.61	165	27054	5.897	ng	# 24
67) 4-Bromophenyl-phenylether	16.11	248	21682	4.029	ng	# 1

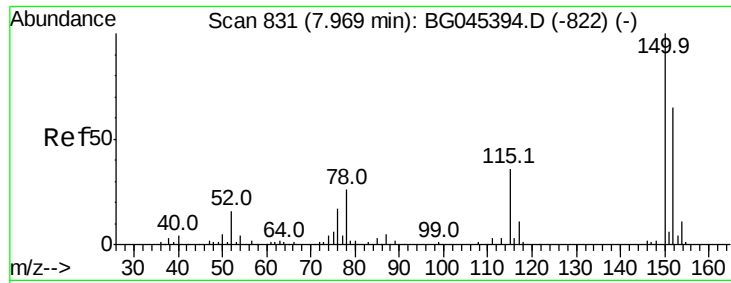
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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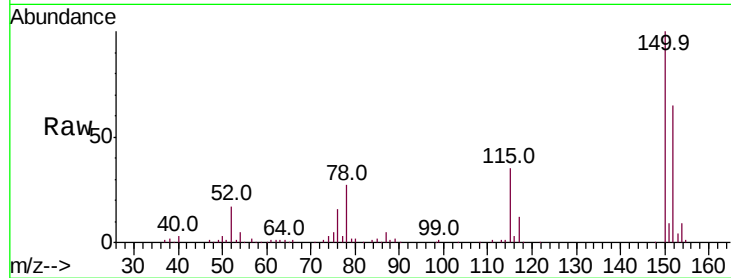


#1

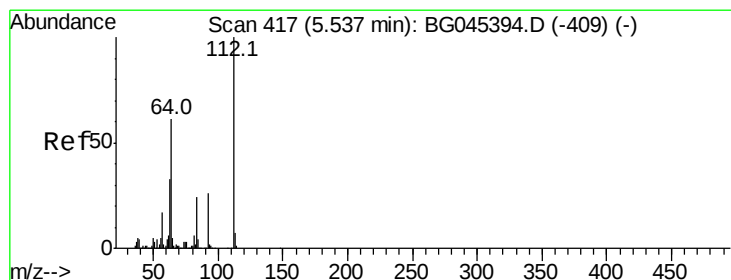
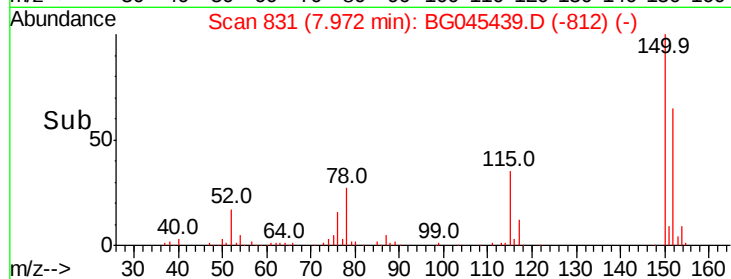
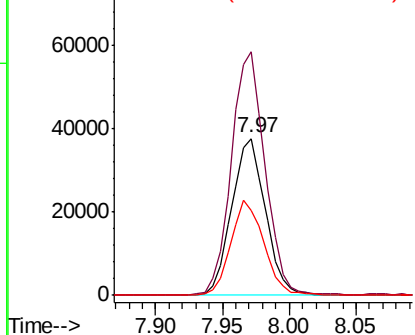
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.97 min Scan# 831
Delta R.T. 0.01 min
Lab File: BG045439.D
Acq: 21 May 2020 14:22

Instrument :
BNA_G
ClientSampleId :
PB129032BL

Tot Ion:152 Resp: 66066
Ion Ratio Lower Upper
152 100
150 154.9 122.4 183.6
115 54.4 44.2 66.4



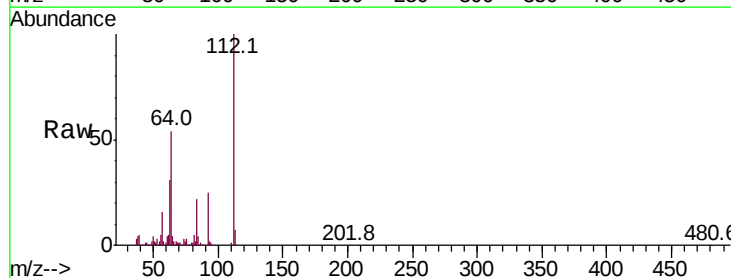
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



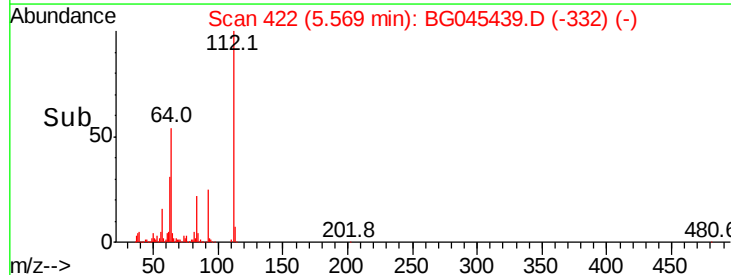
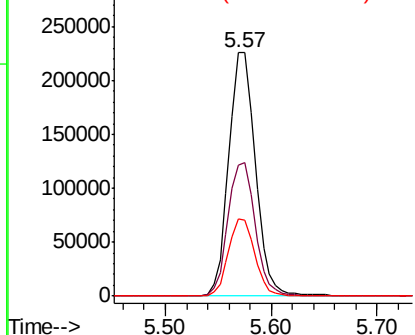
#5

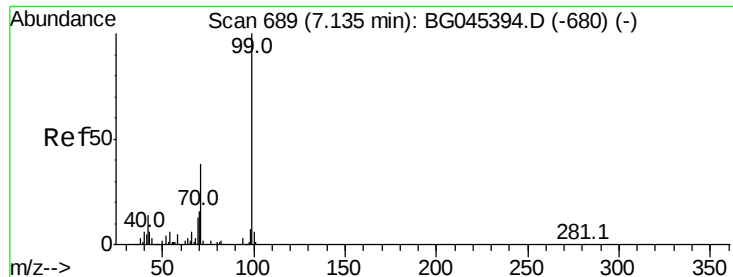
2-Fluorophenol
Concen: 117.408 ng
RT: 5.57 min Scan# 422
Delta R.T. 0.00 min
Lab File: BG045439.D
Acq: 21 May 2020 14:22

Tgt Ion:112 Resp: 396903
Ion Ratio Lower Upper
112 100
64 53.9 48.6 72.8
63 31.5 26.5 39.7



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





#7

Phenol-d6

Concen: 116.502 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.00 min

Lab File: BG045439.D

Acq: 21 May 2020 14:22

Instrument :

BNA_G

ClientSampleId :

PB129032BL

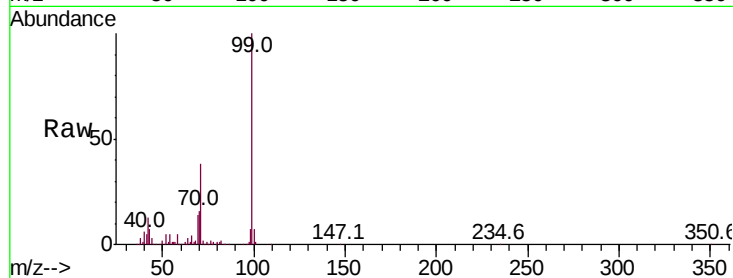
Tot Ion: 99 Resp: 560553

Ion Ratio Lower Upper

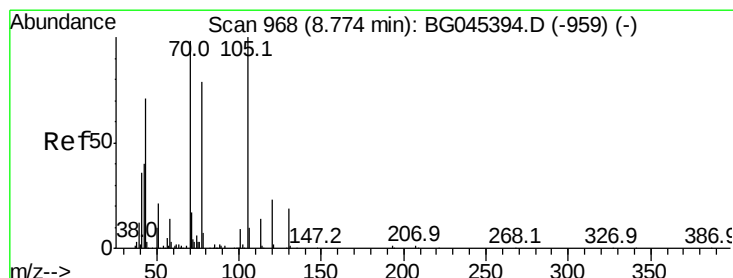
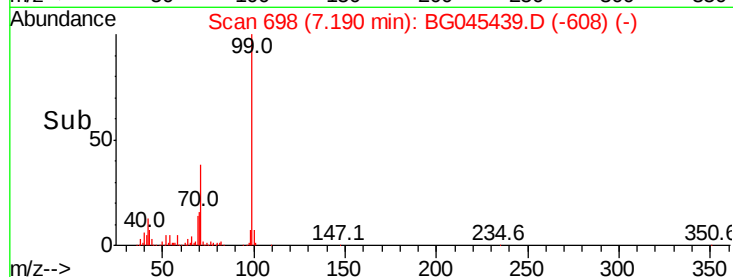
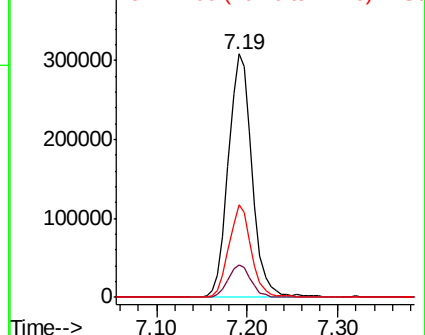
99 100

42 13.3 11.3 16.9

71 37.9 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: 15.864 ng

RT: 9.13 min Scan# 1028

Delta R.T. 0.36 min

Lab File: BG045439.D

Acq: 21 May 2020 14:22

Tgt Ion: 70 Resp: 52782

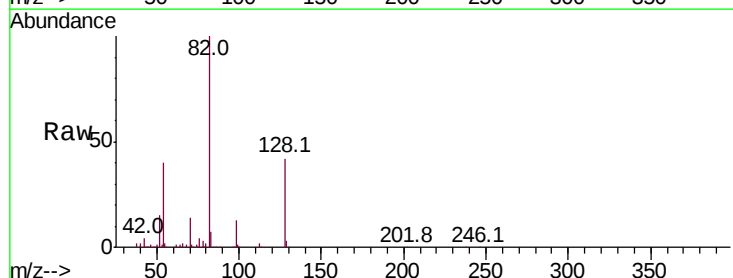
Ion Ratio Lower Upper

70 100

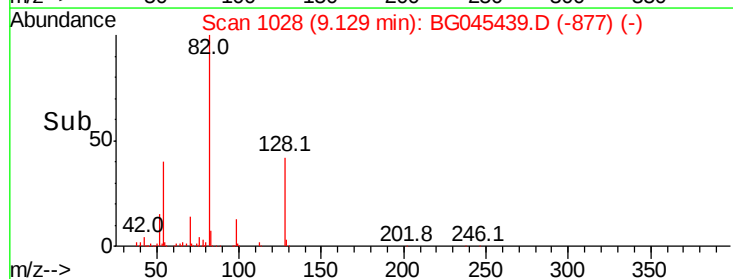
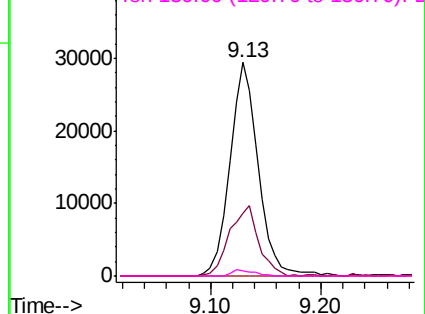
42 29.2 33.2 49.8#

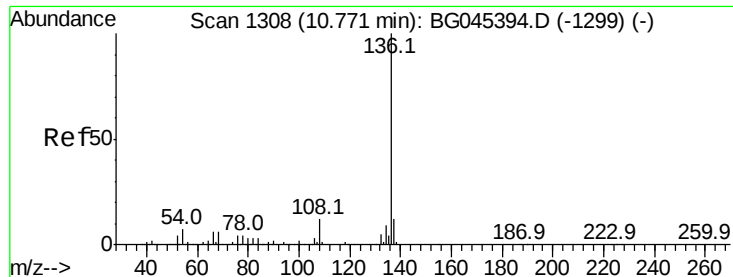
101 0.0 7.8 11.6#

130 2.6 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

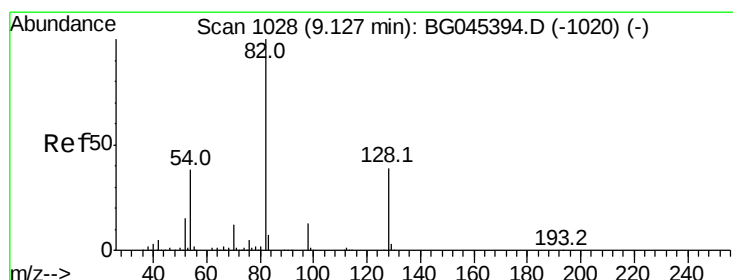
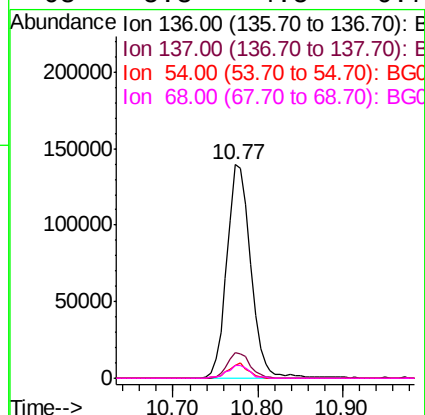
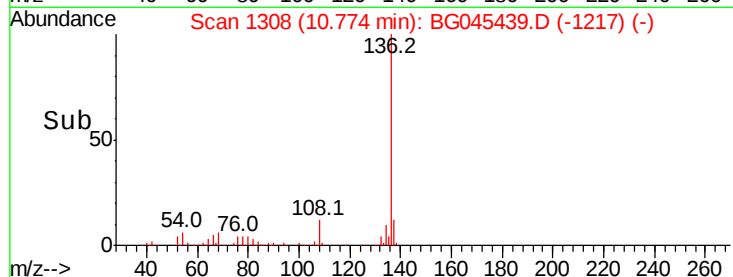
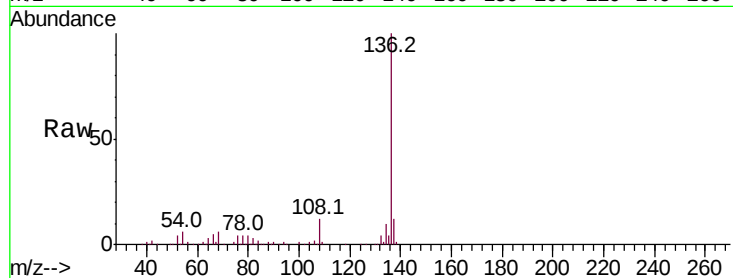




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.77 min Scan# 1308
Delta R.T. 0.01 min
Lab File: BG045439.D
Acq: 21 May 2020 14:22

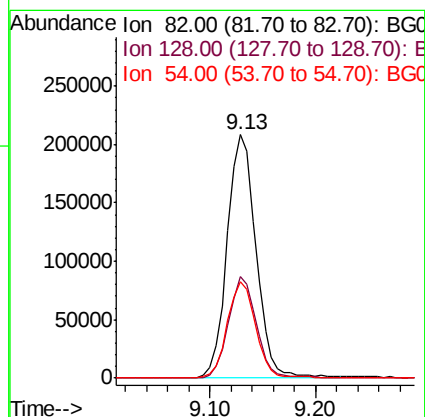
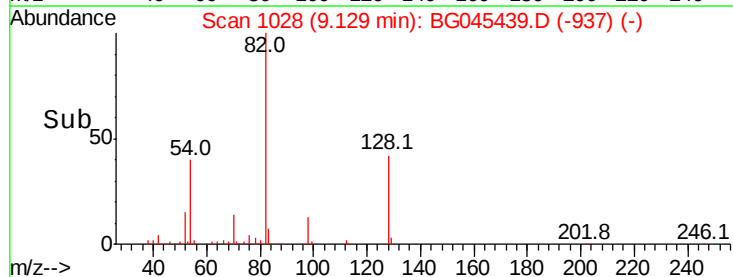
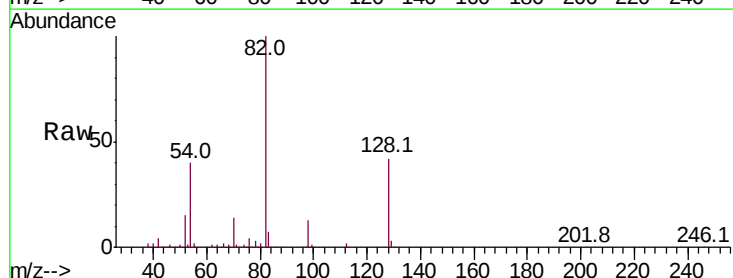
Instrument :
BNA_G
ClientSampleId :
PB129032BL

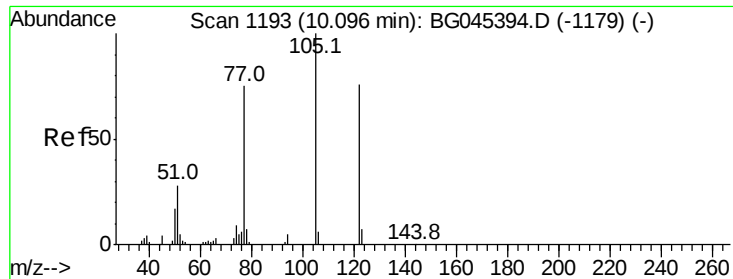
Tot Ion:	136	Resp:	272475
Ion	Ratio	Lower	Upper
136	100		
137	12.2	9.4	14.2
54	6.0	5.8	8.6
68	5.8	4.5	6.7



#23
Nitrobenzene-d5
Concen: 78.873 ng
RT: 9.13 min Scan# 1028
Delta R.T. 0.01 min
Lab File: BG045439.D
Acq: 21 May 2020 14:22

Tgt Ion:	82	Resp:	394100
Ion	Ratio	Lower	Upper
82	100		
128	41.6	30.9	46.3
54	39.6	30.3	45.5





#32

Benzoic acid

Concen: 10.050 ng

RT: 10.35 min Scan# 1235

Delta R.T. 0.18 min

Lab File: BG045439.D

Acq: 21 May 2020 14:22

Instrument :

BNA_G

ClientSampleId :

PB129032BL

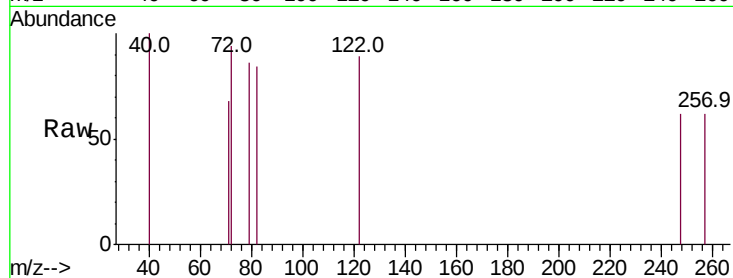
Tot Ion:122 Resp: 79

Ion Ratio Lower Upper

122 100

105 0.0 107.9 147.9#

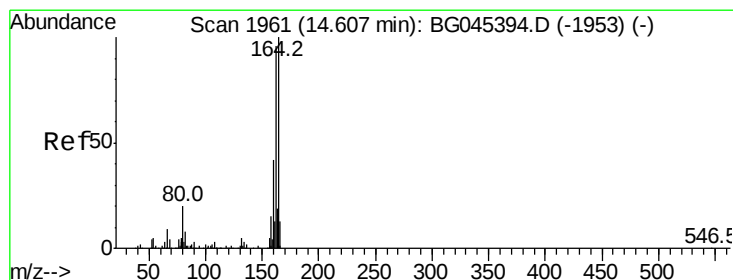
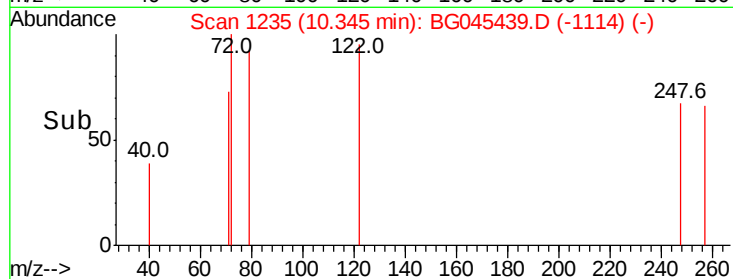
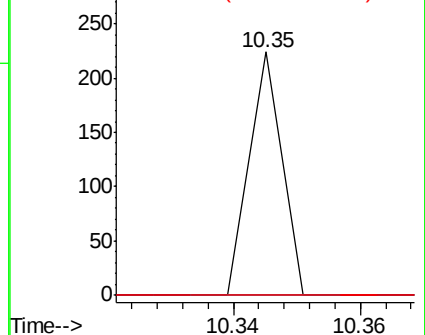
77 0.0 78.9 118.9#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.61 min Scan# 1961

Delta R.T. 0.01 min

Lab File: BG045439.D

Acq: 21 May 2020 14:22

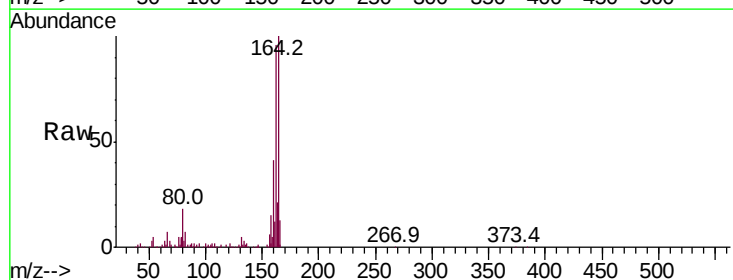
Tgt Ion:164 Resp: 204648

Ion Ratio Lower Upper

164 100

162 95.7 76.9 115.3

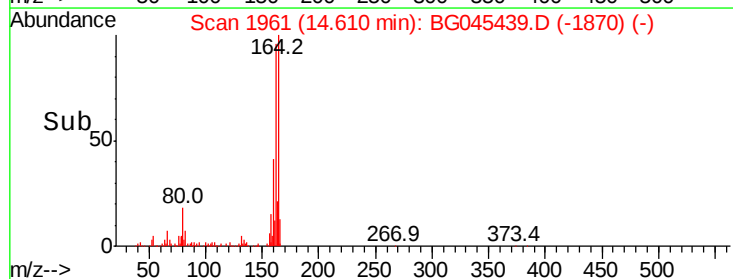
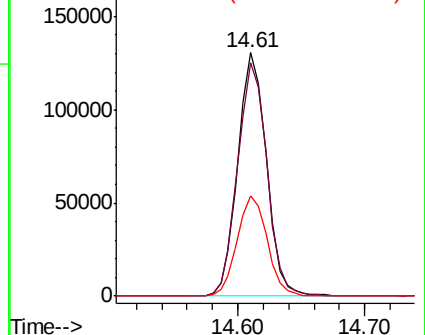
160 41.4 33.8 50.8

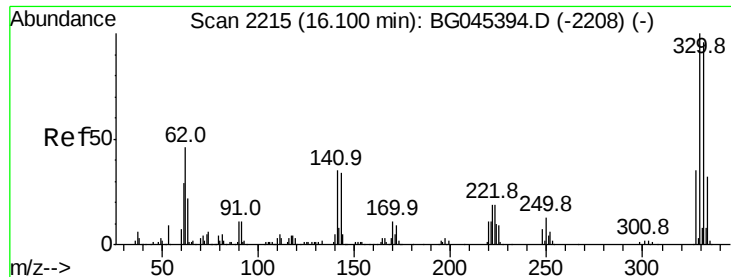


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

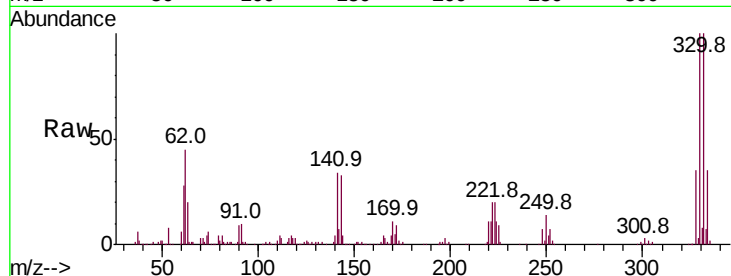




#42
 2,4,6-Tribromophenol
 Concen: 118.434 ng
 RT: 16.11 min Scan# 2216
 Delta R.T. 0.01 min
 Lab File: BG045439.D
 Acq: 21 May 2020 14:22

Instrument :
 BNA_G
 ClientSampleId :
 PB129032BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	99.1	78.2	117.4
141	34.1	28.2	42.4

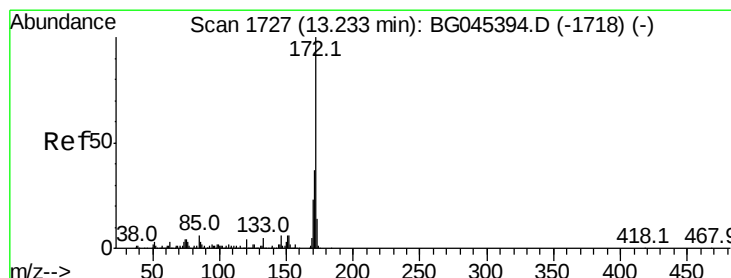
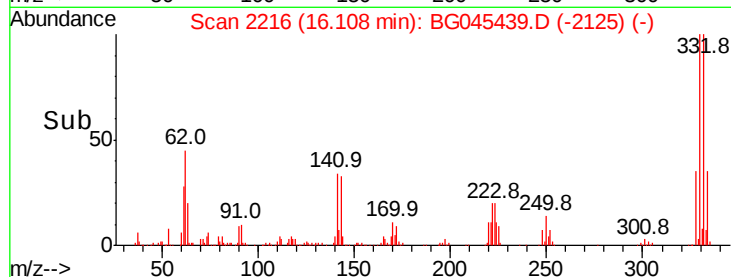
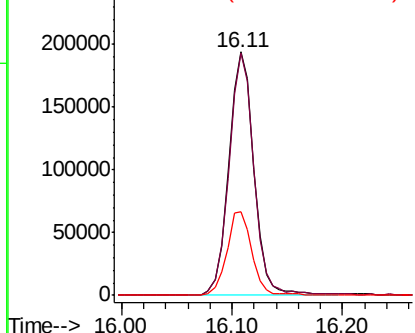


Abundance

Ion 329.80 (329.50 to 330.50): E

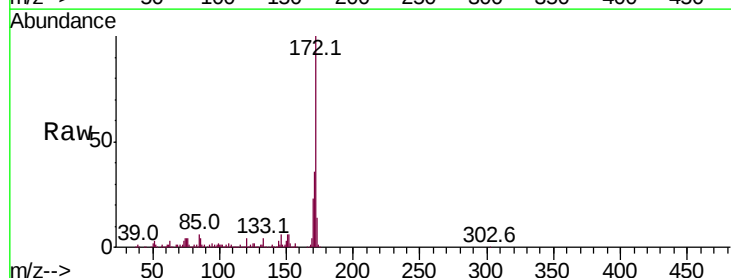
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 81.644 ng
 RT: 13.24 min Scan# 1727
 Delta R.T. 0.01 min
 Lab File: BG045439.D
 Acq: 21 May 2020 14:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.5	44.3
170	22.8	18.5	27.7

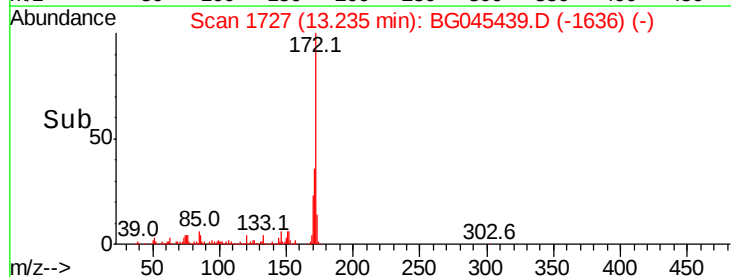
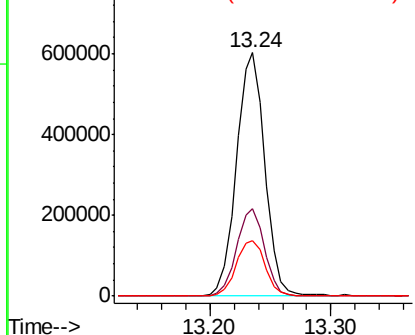


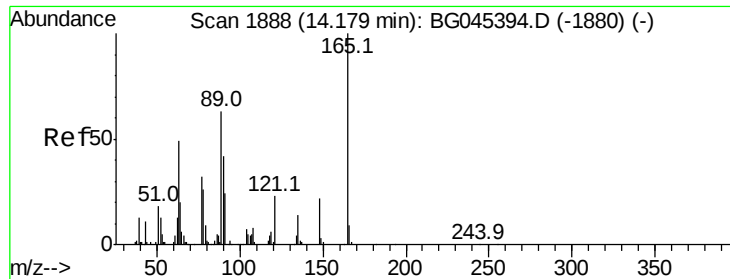
Abundance

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





#51

2,6-Dinitrotoluene

Concen: 8.540 ng

RT: 14.61 min Scan# 1961

Delta R.T. 0.43 min

Lab File: BG045439.D

Acq: 21 May 2020 14:22

Instrument :

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ClientSampleId :

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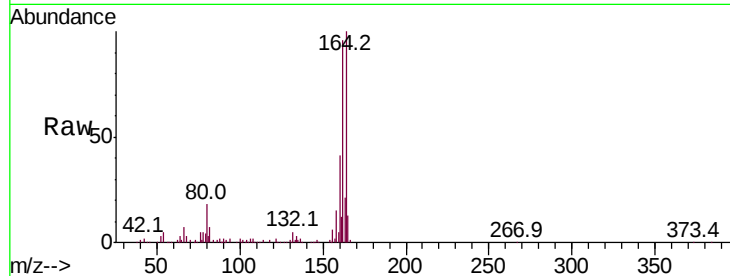
Tot Ion:165 Resp: 27054

Ion Ratio Lower Upper

165 100

63 2.5 45.0 67.4#

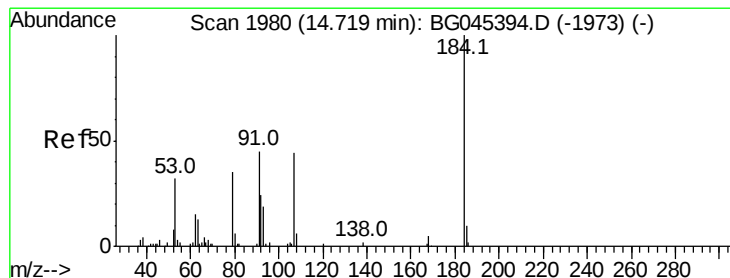
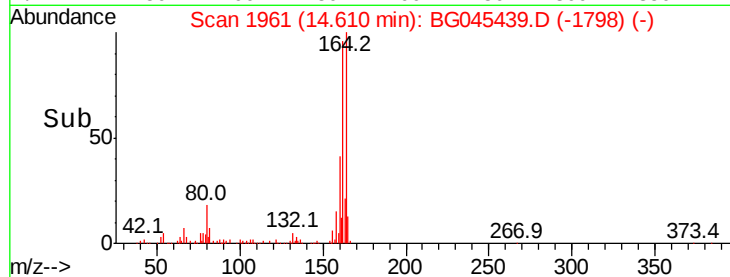
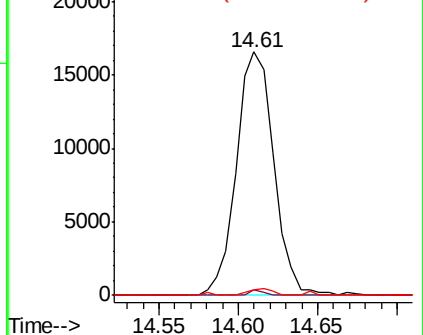
89 2.1 50.2 75.4#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#54

2,4-Dinitrophenol

Concen: 5.491 ng

RT: 14.91 min Scan# 2012

Delta R.T. 0.19 min

Lab File: BG045439.D

Acq: 21 May 2020 14:22

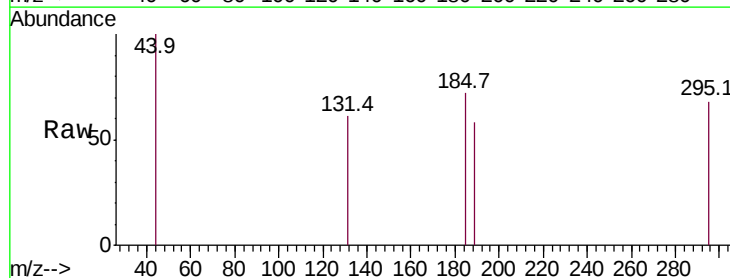
Tgt Ion:184 Resp: 72

Ion Ratio Lower Upper

184 100

63 0.0 47.8 71.6#

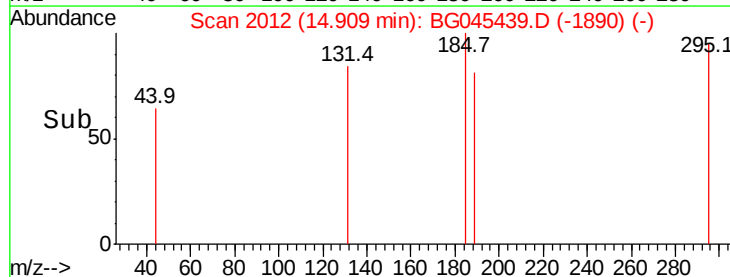
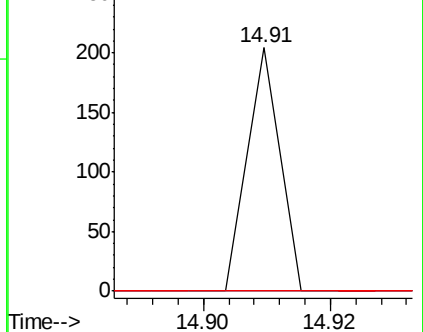
154 0.0 58.3 87.5#

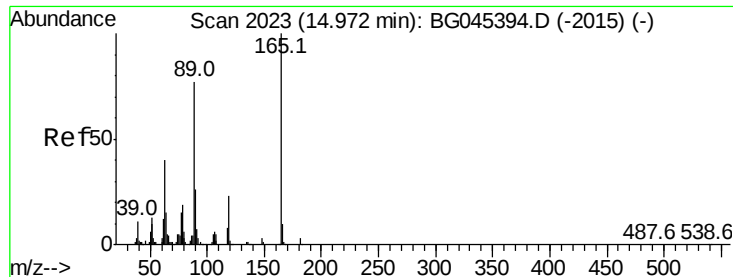


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

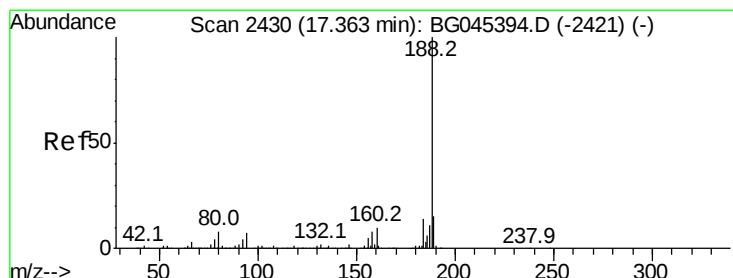
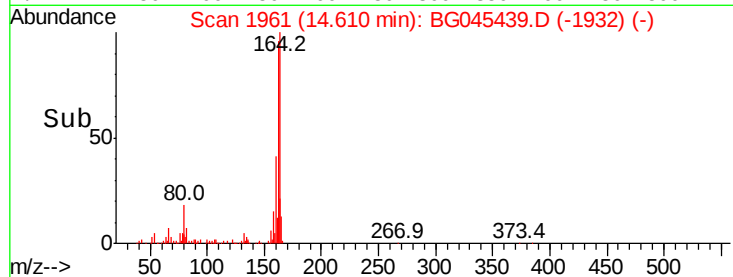
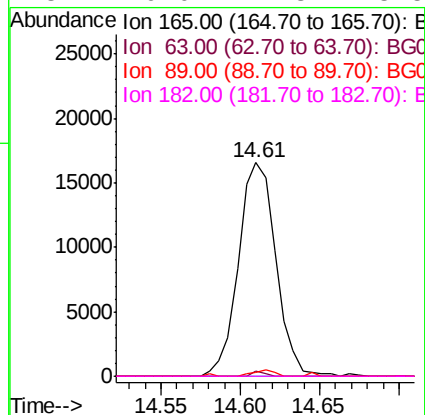
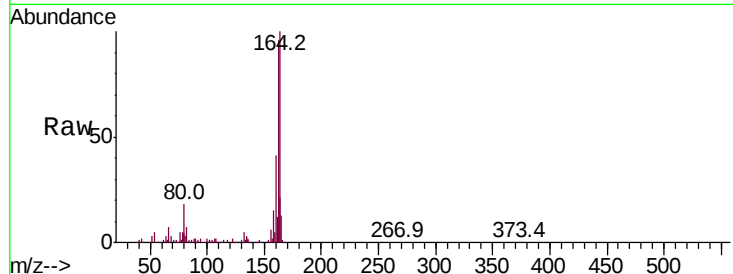




#57
 2,4-Dinitrotoluene
 Concen: 5.897 ng
 RT: 14.61 min Scan# 1961
 Delta R.T. -0.36 min
 Lab File: BG045439.D
 Acq: 21 May 2020 14:22

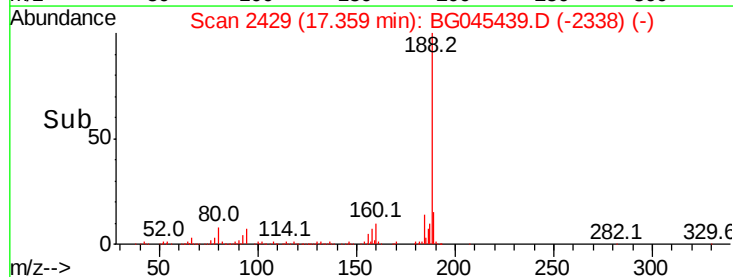
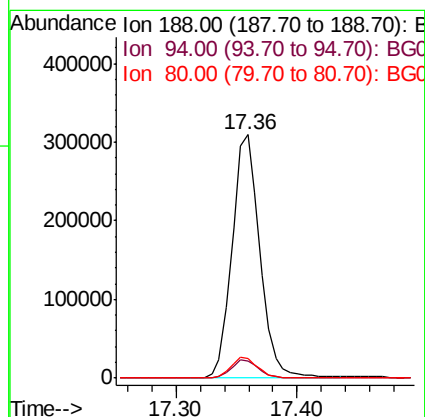
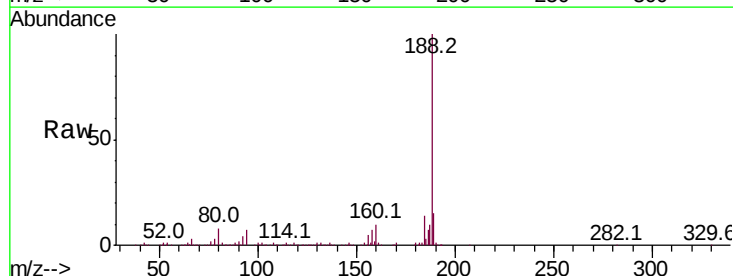
Instrument :
 BNA_G
 ClientSampleId :
 PB129032BL

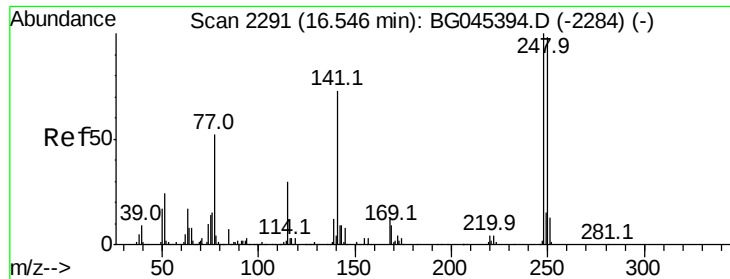
Tot Ion	Ratio	Lower	Upper
165	100		
63	2.5	32.5	48.7#
89	2.1	61.8	92.6#
182	0.0	2.3	3.5#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.36 min Scan# 2429
 Delta R.T. 0.01 min
 Lab File: BG045439.D
 Acq: 21 May 2020 14:22

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.0	5.5	8.3
80	8.1	6.6	10.0





#67

4-Bromophenyl-phenylether

Concen: 4.029 ng

RT: 16.11 min Scan# 2216

Delta R.T. -0.43 min

Lab File: BG045439.D

Acq: 21 May 2020 14:22

Instrument :

BNA_G

ClientSampleId :

PB129032BL

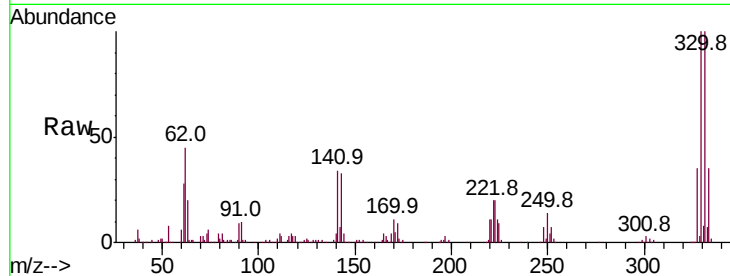
Tot Ion:248 Resp: 21682

Ion Ratio Lower Upper

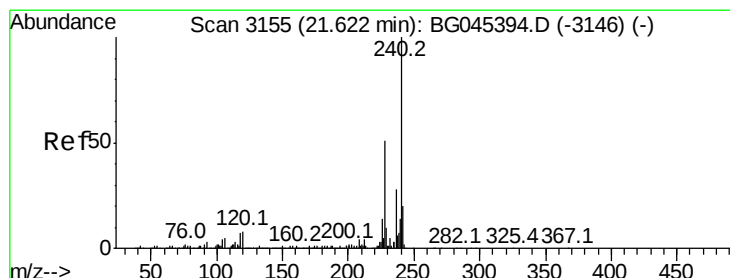
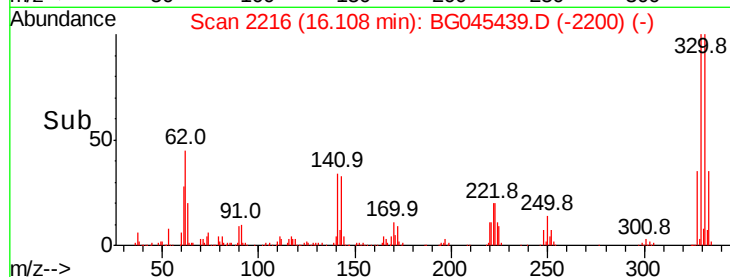
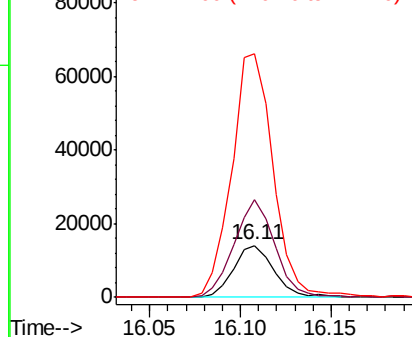
248 100

250 186.8 78.6 117.8#

141 466.1 58.2 87.2#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.62 min Scan# 3154

Delta R.T. 0.00 min

Lab File: BG045439.D

Acq: 21 May 2020 14:22

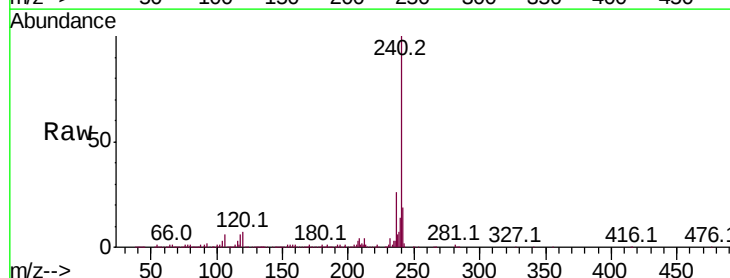
Tgt Ion:240 Resp: 505547

Ion Ratio Lower Upper

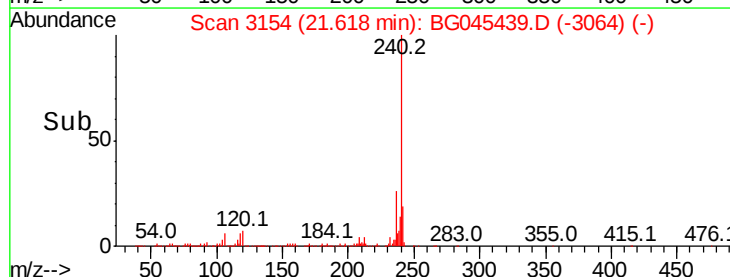
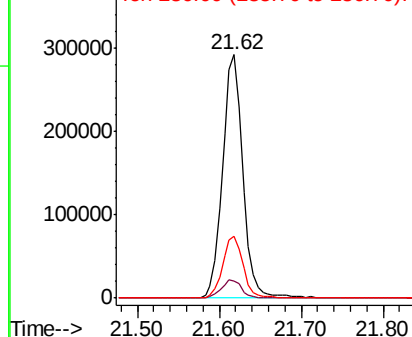
240 100

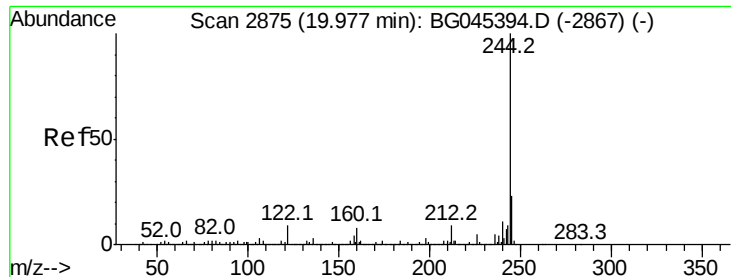
120 7.1 6.1 9.1

236 25.6 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: 82.748 ng

RT: 19.97 min Scan# 2874

Delta R.T. 0.01 min

Lab File: BG045439.D

Acq: 21 May 2020 14:22

Instrument :

BNA_G

ClientSampleId :

PB129032BL

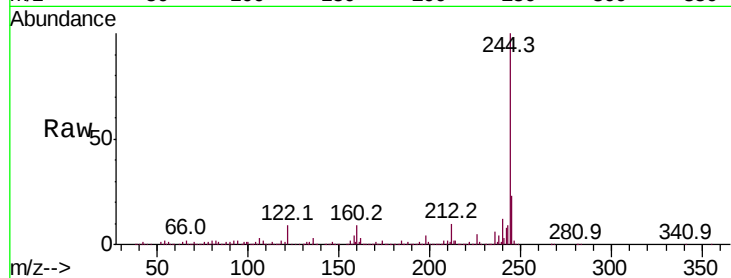
Tot Ion:244 Resp: 1793639

Ion Ratio Lower Upper

244 100

212 9.5 7.4 11.0

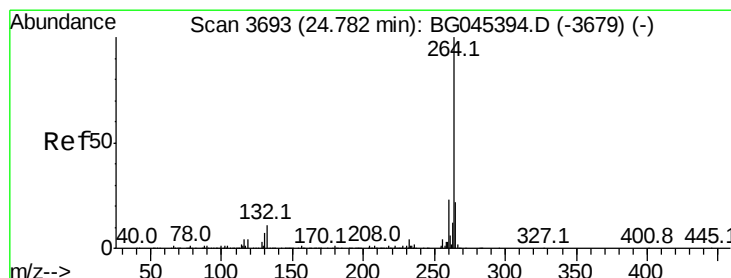
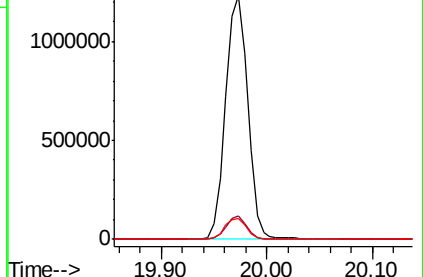
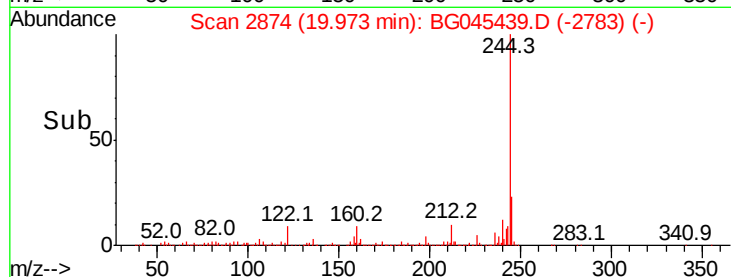
122 8.7 6.8 10.2



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: 24.77 min Scan# 3691

Delta R.T. 0.01 min

Lab File: BG045439.D

Acq: 21 May 2020 14:22

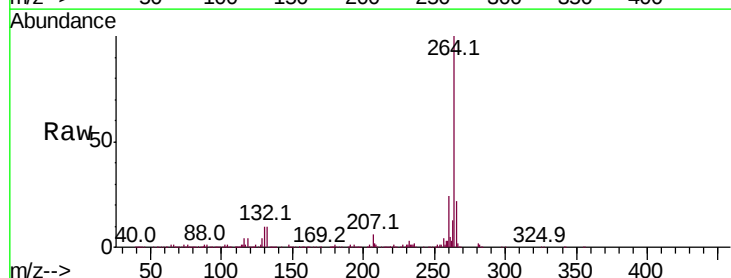
Tgt Ion:264 Resp: 525565

Ion Ratio Lower Upper

264 100

260 24.4 18.2 27.4

265 22.1 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

