

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051520\
 Data File : BG045405.D
 Acq On : 15 May 2020 20:35
 Operator : CG/JU
 Sample : L2648-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: May 16 00:25:19 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 15 15:45:48 2020
 Response via : Initial Calibration

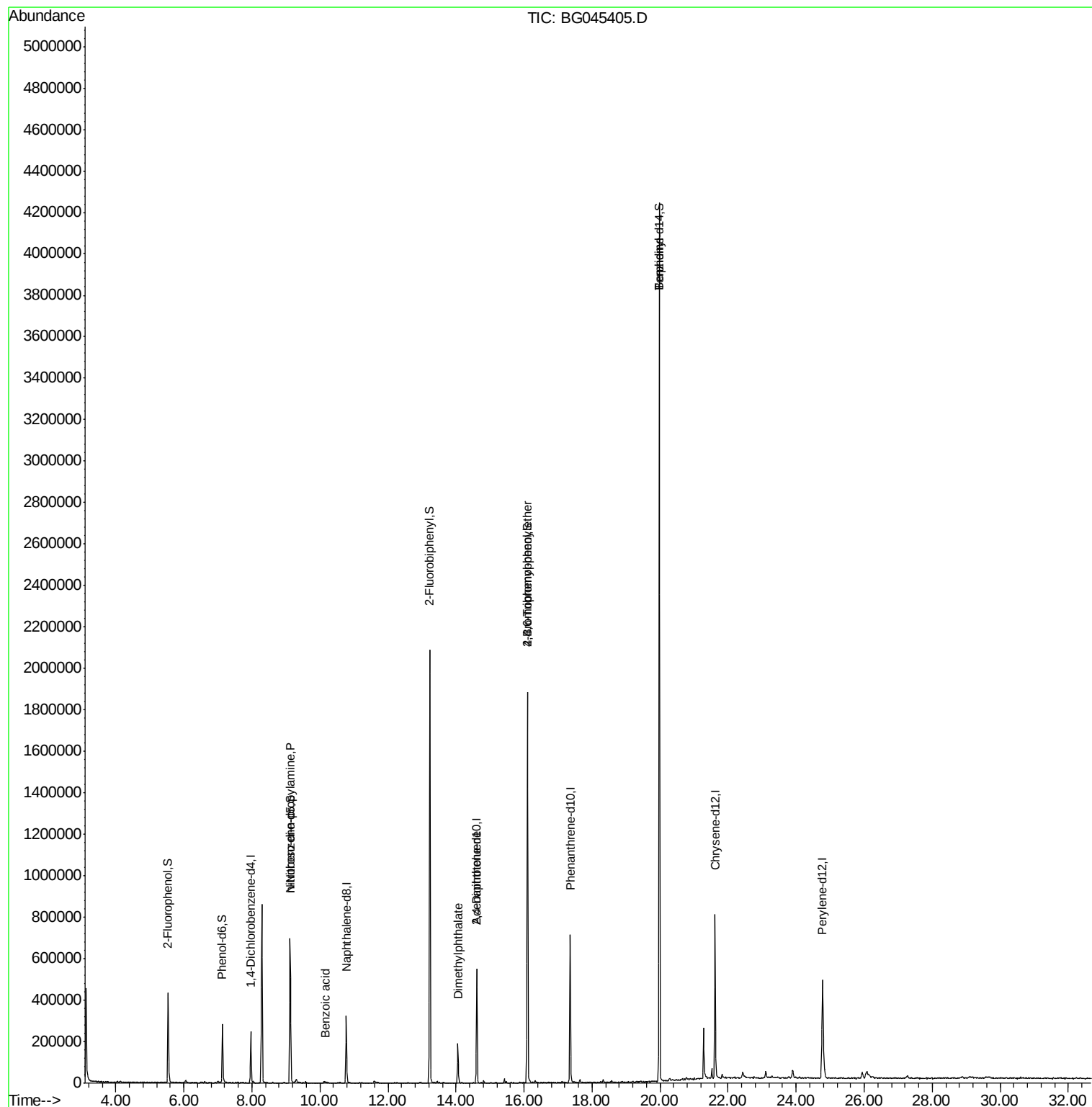
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	74688	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	284569	20.00	ng	0.00
39) Acenaphthene-d10	14.61	164	202487	20.00	ng	0.00
64) Phenanthrene-d10	17.36	188	468717	20.00	ng	0.00
76) Chrysene-d12	21.62	240	494273	20.00	ng	0.00
87) Perylene-d12	24.78	264	521879	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	221714	58.01	ng	0.00
7) Phenol-d6	7.13	99	194107	35.68	ng	0.00
23) Nitrobenzene-d5	9.12	82	495407	94.93	ng	0.00
42) 2,4,6-Tribromophenol	16.10	330	377767	145.88	ng	0.00
45) 2-Fluorobiphenyl	13.23	172	1143351	95.78	ng	0.00
79) Terphenyl-d14	19.97	244	2112354	99.67	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.13	70	67357	17.907	ng	# 79
32) Benzoic acid	10.16	122	57	10.041	ng	# 1
50) Dimethylphthalate	14.06	163	130572	9.400	ng	98
57) 2,4-Dinitrotoluene	14.61	165	26613	5.863	ng	# 23
67) 4-Bromophenyl-phenylether	16.10	248	25102	4.946	ng	# 1
77) Benzidine	19.97	184	40546	2.921	ng	# 89

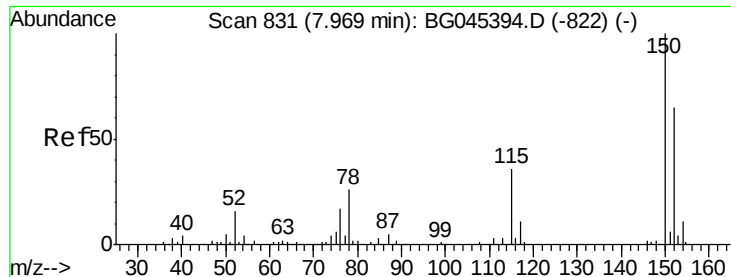
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051520\
Data File : BG045405.D
Acq On : 15 May 2020 20:35
Operator : CG/JU
Sample : L2648-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: May 16 00:25:19 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 15 15:45:48 2020
Response via : Initial Calibration



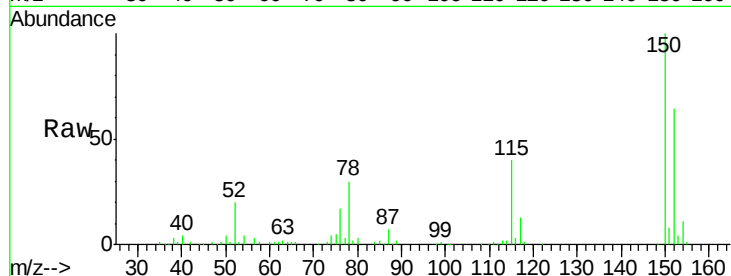


#1

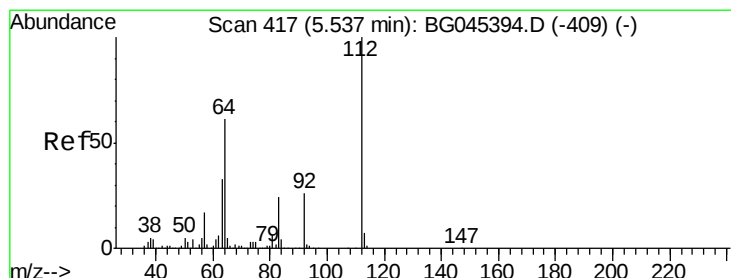
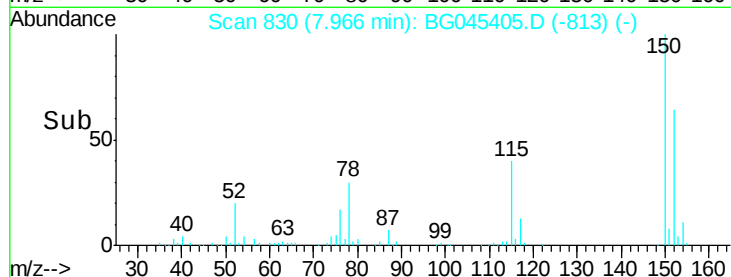
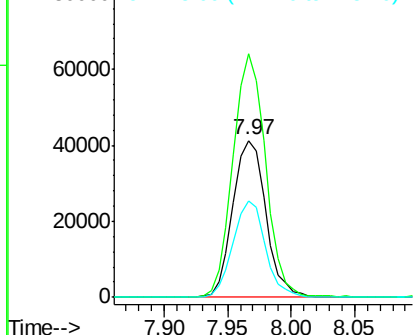
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BG045405.D
Acq: 15 May 2020 20:35

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 74688
Ion Ratio Lower Upper
152 100
150 155.1 122.4 183.6
115 61.8 44.2 66.4



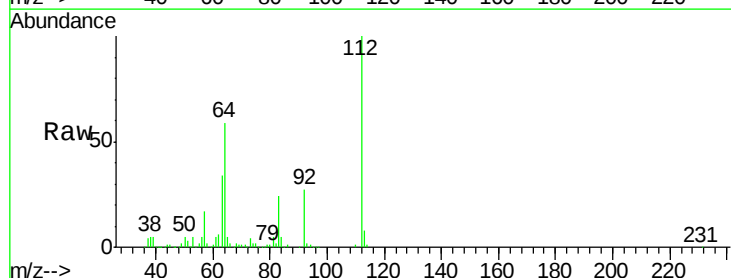
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



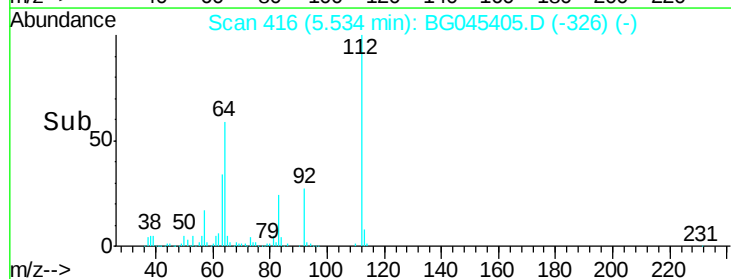
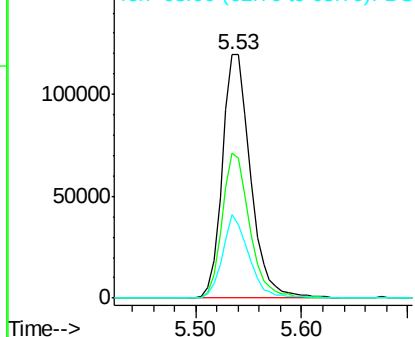
#5

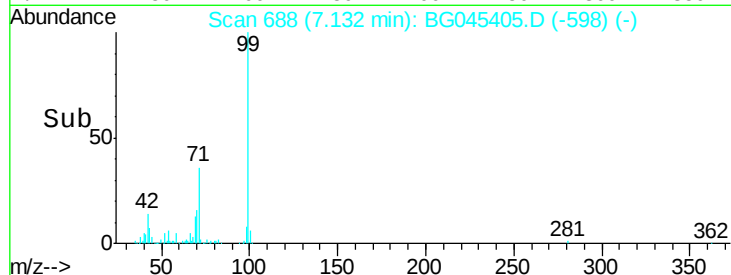
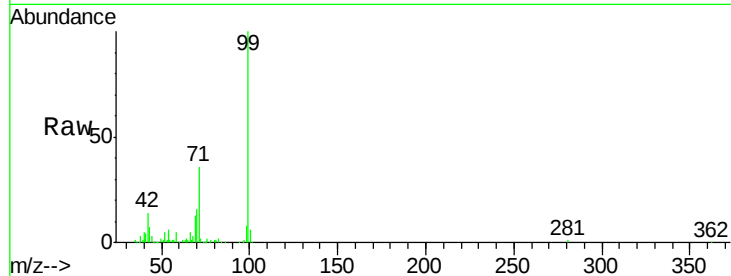
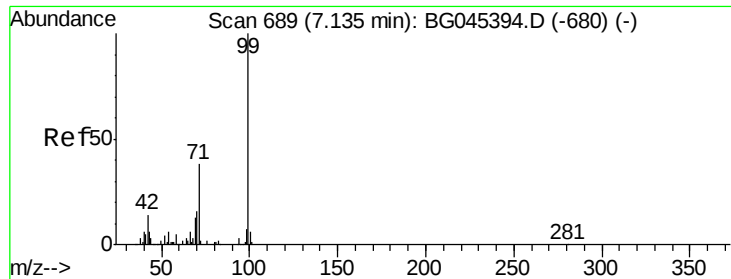
2-Fluorophenol
Concen: 58.014 ng
RT: 5.53 min Scan# 416
Delta R.T. -0.00 min
Lab File: BG045405.D
Acq: 15 May 2020 20:35

Tgt Ion:112 Resp: 221714
Ion Ratio Lower Upper
112 100
64 59.5 48.6 72.8
63 34.2 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: 35.685 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.00 min

Lab File: BG045405.D

Acq: 15 May 2020 20:35

Instrument :

BNA_G

ClientSampleId :

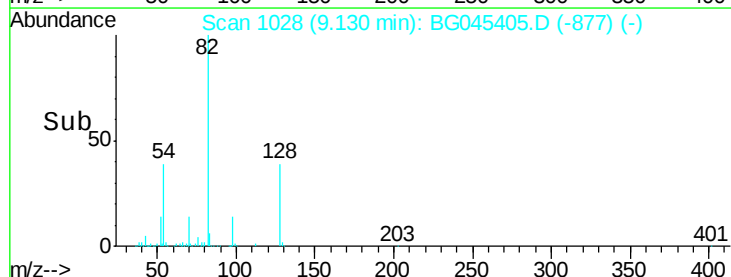
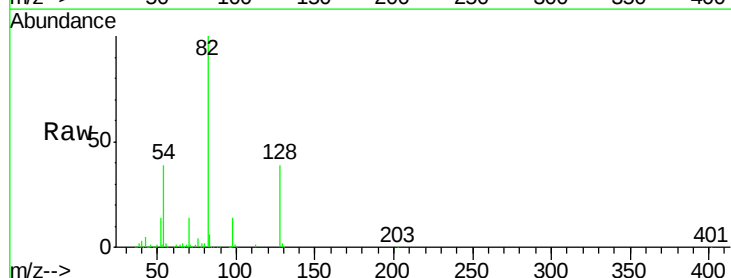
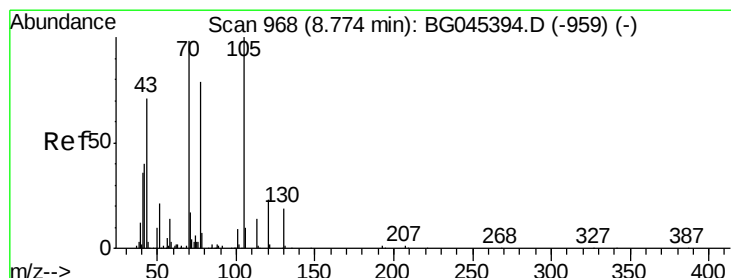
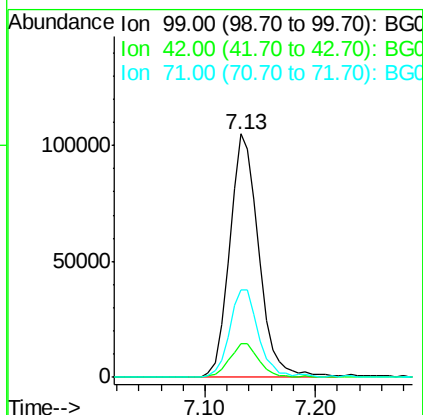
Tot Ion: 99 Resp: 194107

Ion Ratio Lower Upper

99 100

42 13.7 11.3 16.9

71 36.0 30.8 46.2



#19

n-Nitroso-di-n-propylamine

Concen: 17.907 ng

RT: 9.13 min Scan# 1028

Delta R.T. 0.36 min

Lab File: BG045405.D

Acq: 15 May 2020 20:35

Tgt Ion: 70 Resp: 67357

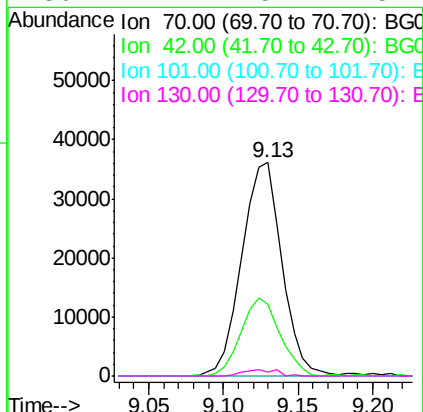
Ion Ratio Lower Upper

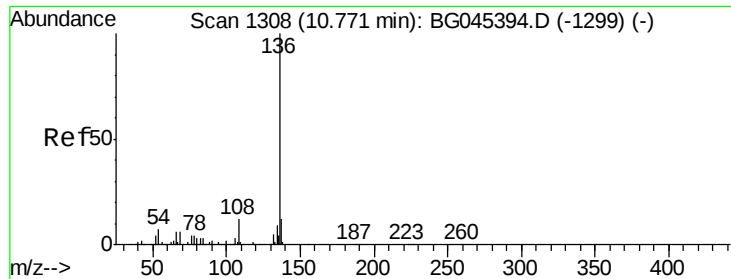
70 100

42 33.8 33.2 49.8

101 0.0 7.8 11.6#

130 1.7 15.4 23.2#

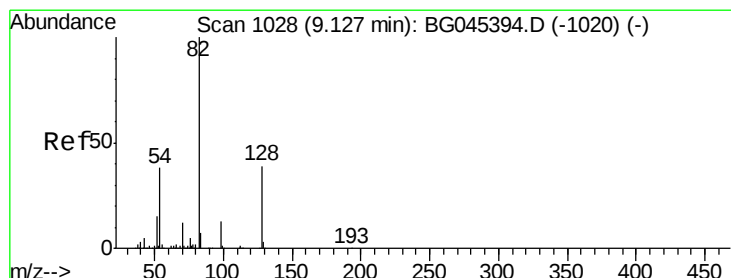
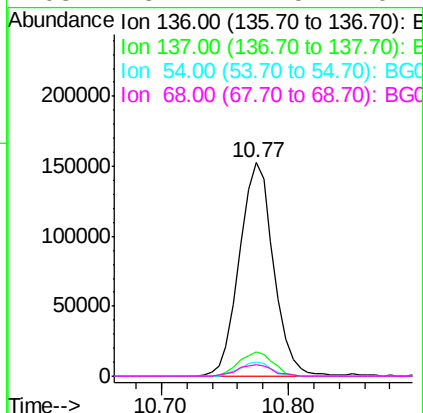
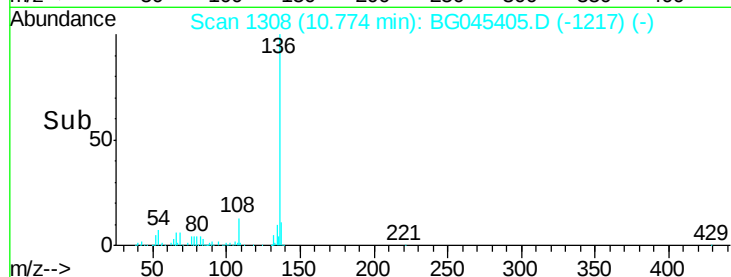
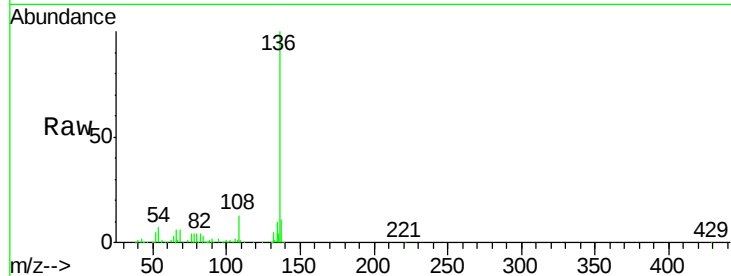




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.77 min Scan# 1308
Delta R.T. 0.00 min
Lab File: BG045405.D
Acq: 15 May 2020 20:35

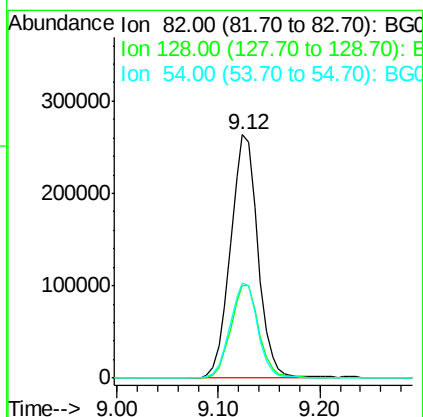
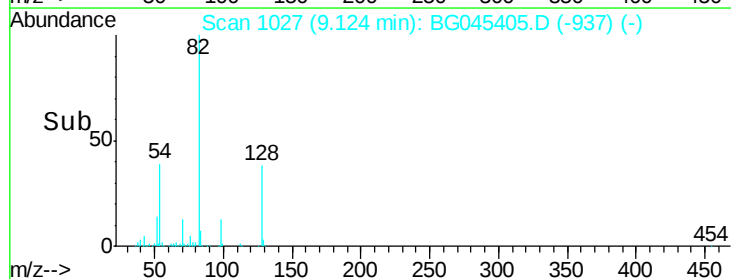
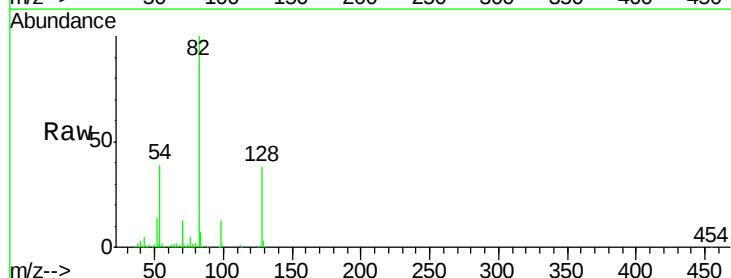
Instrument :
BNA_G
ClientSampleId :

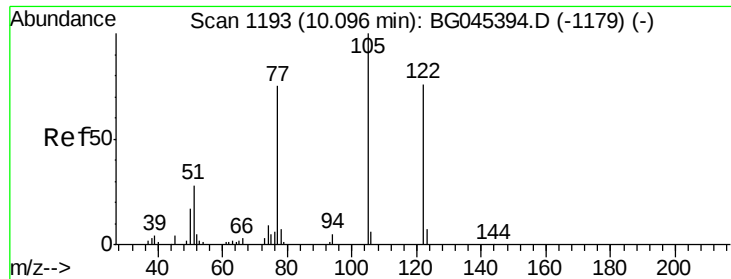
Tot Ion:136	Resp:	284569	
Ion Ratio	Lower	Upper	
136 100			
137 11.2	9.4	14.2	
54 6.9	5.8	8.6	
68 5.7	4.5	6.7	



#23
Nitrobenzene-d5
Concen: 94.934 ng
RT: 9.12 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BG045405.D
Acq: 15 May 2020 20:35

Tgt	Ion: 82	Resp:	495407
Ion	Ratio	Lower	Upper
82	100		
128	37.8	30.9	46.3
54	39.1	30.3	45.5

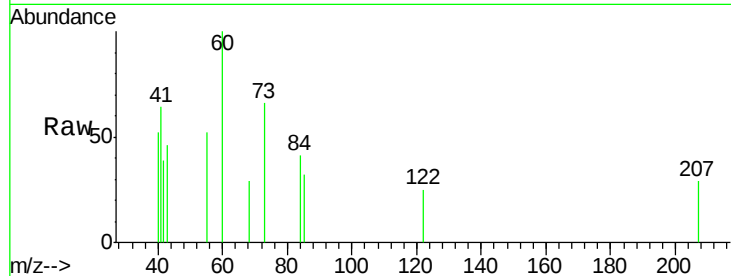




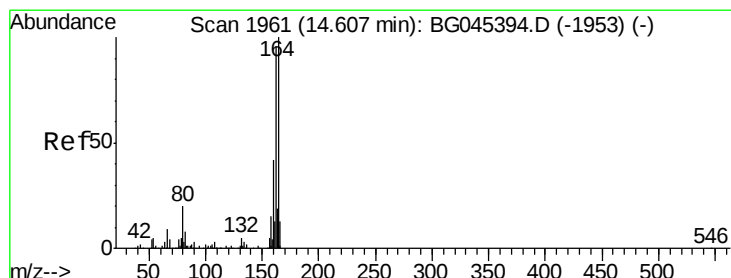
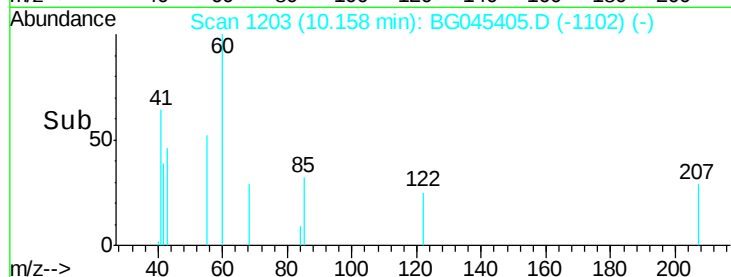
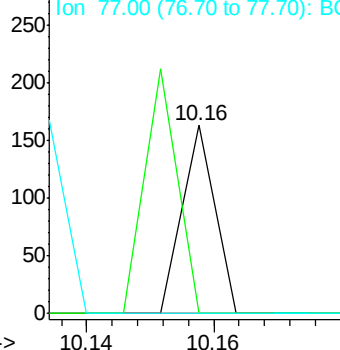
#32
Benzoic acid
Concen: 10.041 ng
RT: 10.16 min Scan# 1203
Delta R.T. 0.06 min
Lab File: BG045405.D
Acq: 15 May 2020 20:35

Instrument :
BNA_G
ClientSampleId :

Tot Ion:122 Resp: 57
Ion Ratio Lower Upper
122 100
105 0.0 107.9 147.9#
77 0.0 78.9 118.9#

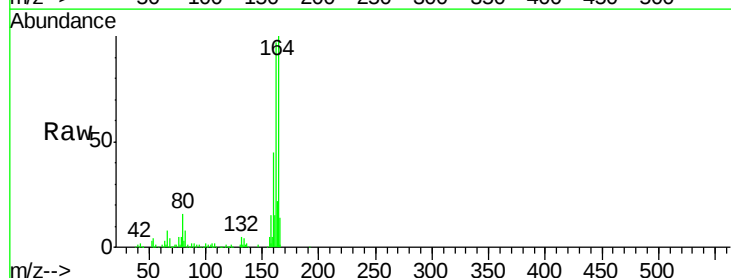


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): B

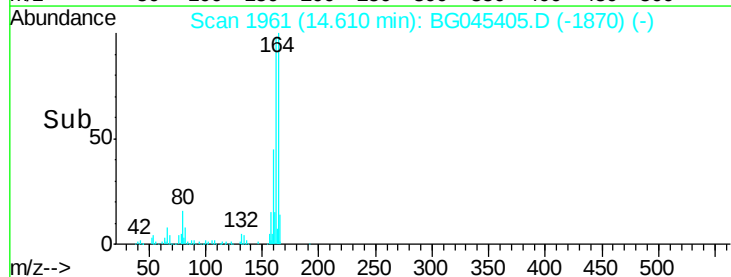
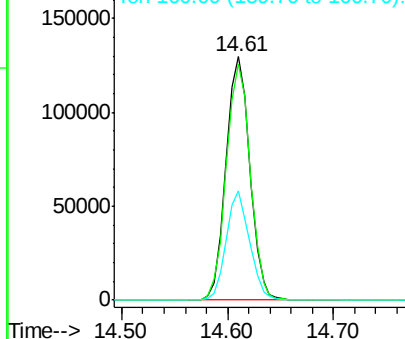


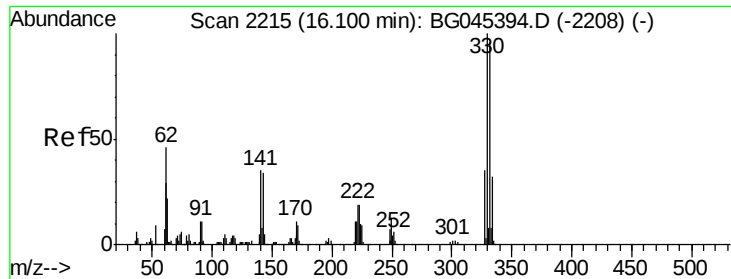
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.61 min Scan# 1961
Delta R.T. 0.00 min
Lab File: BG045405.D
Acq: 15 May 2020 20:35

Tgt Ion:164 Resp: 202487
Ion Ratio Lower Upper
164 100
162 96.8 76.9 115.3
160 44.7 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

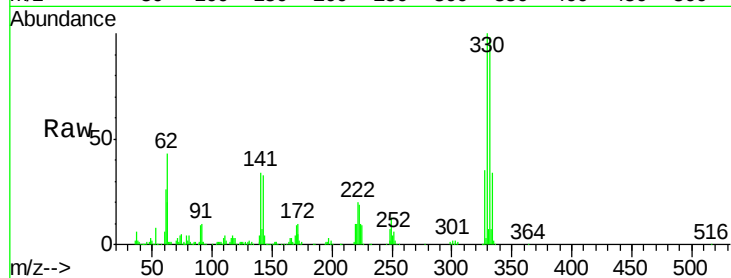




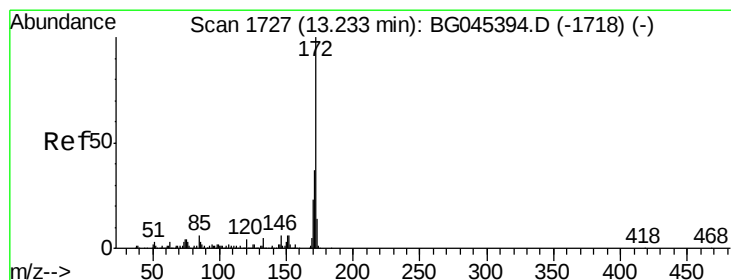
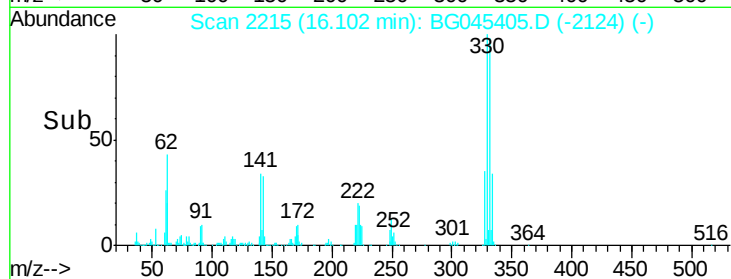
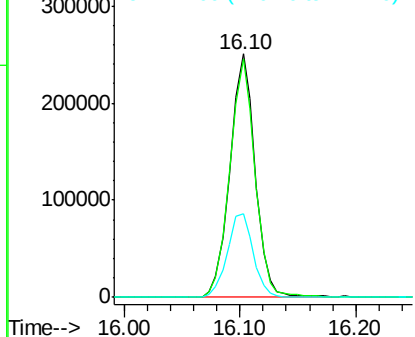
#42
 2,4,6-Tribromophenol
 Concen: 145.880 ng
 RT: 16.10 min Scan# 2215
 Delta R.T. 0.00 min
 Lab File: BG045405.D
 Acq: 15 May 2020 20:35

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.3	78.2	117.4
141	35.6	28.2	42.4

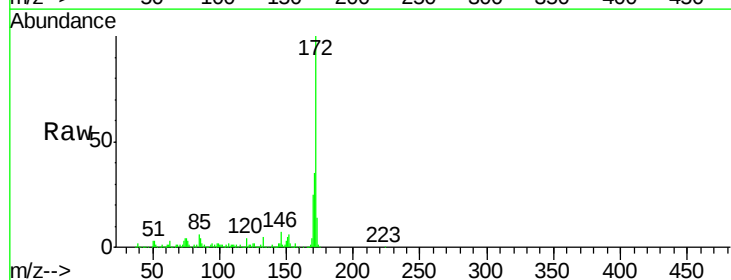


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

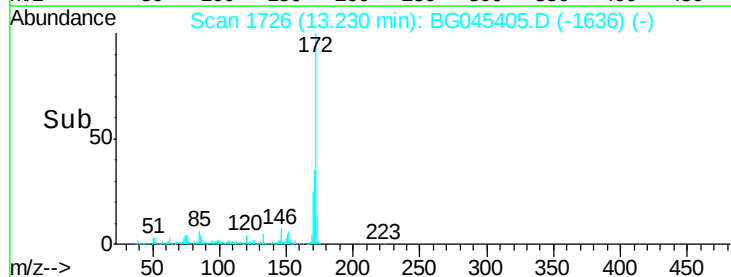
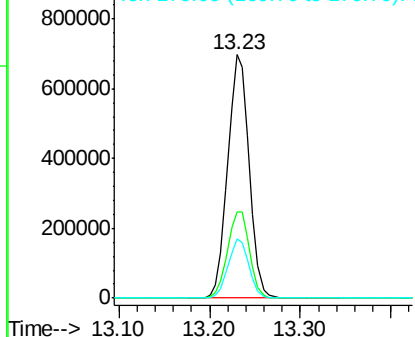


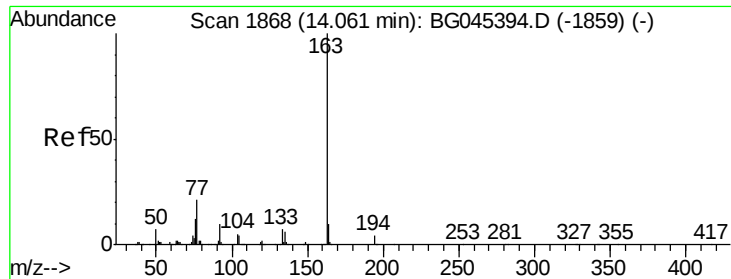
#45
 2-Fluorobiphenyl
 Concen: 95.777 ng
 RT: 13.23 min Scan# 1726
 Delta R.T. -0.00 min
 Lab File: BG045405.D
 Acq: 15 May 2020 20:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.5	44.3
170	24.5	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: 9.400 ng

RT: 14.06 min Scan# 1867

Delta R.T. -0.00 min

Lab File: BG045405.D

Acq: 15 May 2020 20:35

Instrument :

BNA_G

ClientSampleId :

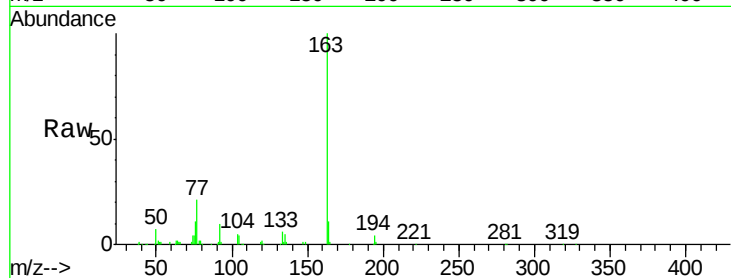
Tot Ion:163 Resp: 130572

Ion Ratio Lower Upper

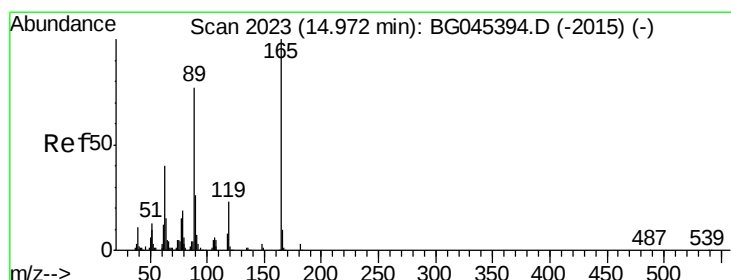
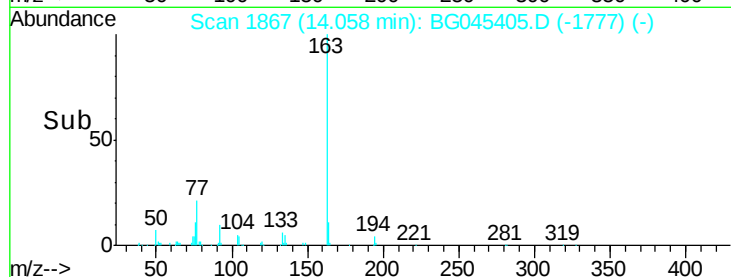
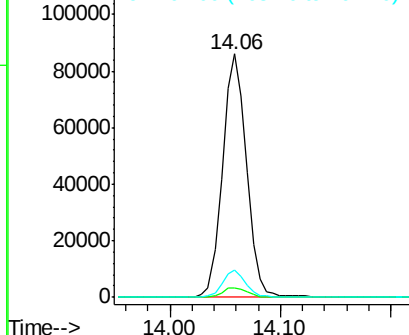
163 100

194 3.7 3.2 4.8

164 11.1 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#57

2,4-Dinitrotoluene

Concen: 5.863 ng

RT: 14.61 min Scan# 1961

Delta R.T. -0.36 min

Lab File: BG045405.D

Acq: 15 May 2020 20:35

Tgt Ion:165 Resp: 26613

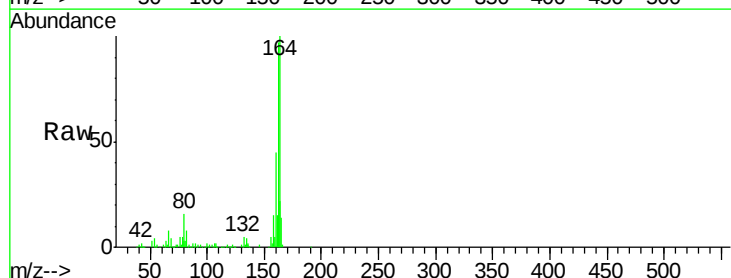
Ion Ratio Lower Upper

165 100

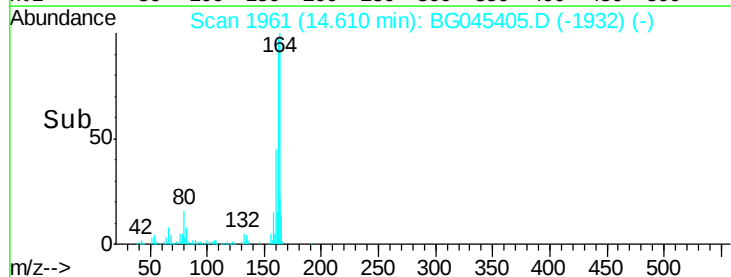
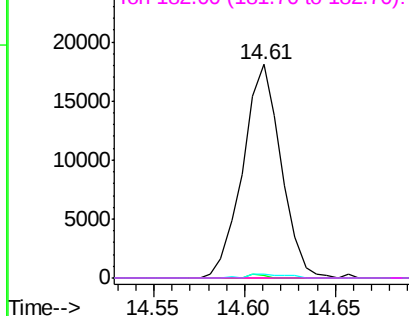
63 1.2 32.5 48.7#

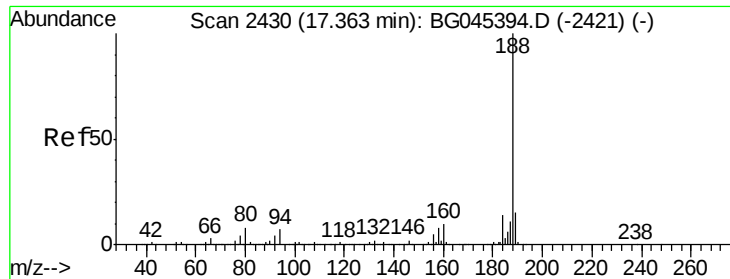
89 2.0 61.8 92.6#

182 0.0 2.3 3.5#



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
Ion 182.00 (181.70 to 182.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.36 min Scan# 2429

Delta R.T. -0.00 min

Lab File: BG045405.D

Acq: 15 May 2020 20:35

Instrument :

BNA_G

ClientSampleId :

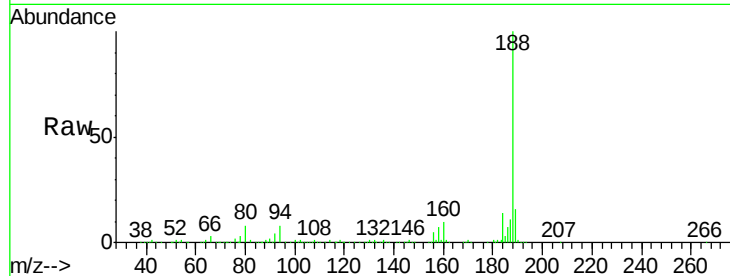
Tot Ion:188 Resp: 468717

Ion Ratio Lower Upper

188 100

94 7.6 5.5 8.3

80 8.1 6.6 10.0



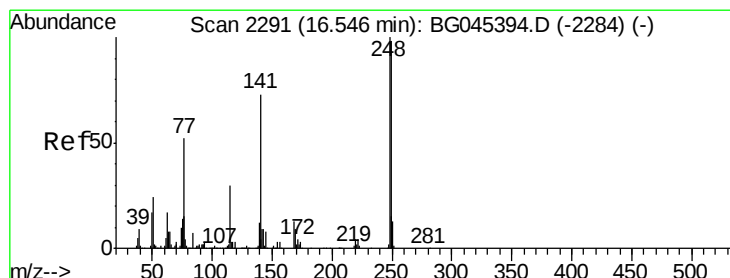
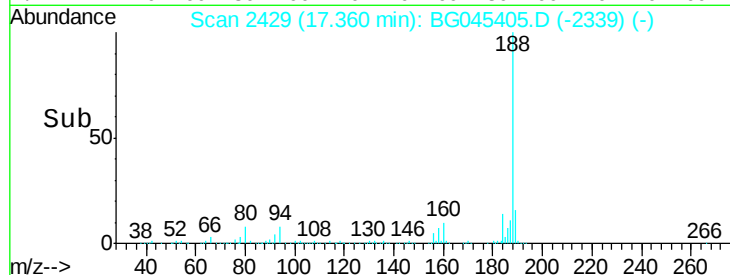
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

17.36

Time-->



#67

4-Bromophenyl-phenylether

Concen: 4.946 ng

RT: 16.10 min Scan# 2215

Delta R.T. -0.44 min

Lab File: BG045405.D

Acq: 15 May 2020 20:35

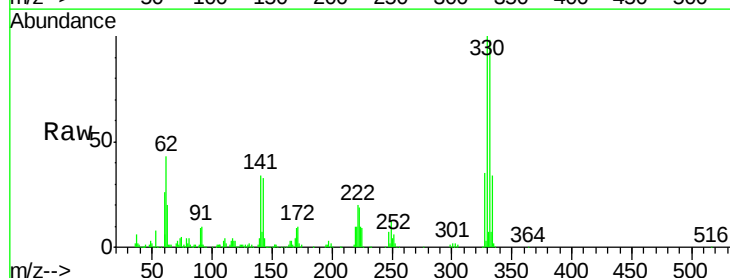
Tgt Ion:248 Resp: 25102

Ion Ratio Lower Upper

248 100

250 204.0 78.6 117.8#

141 524.9 58.2 87.2#



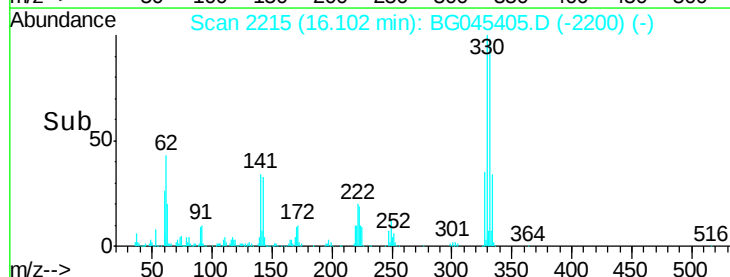
Abundance Ion 248.00 (247.70 to 248.70): E

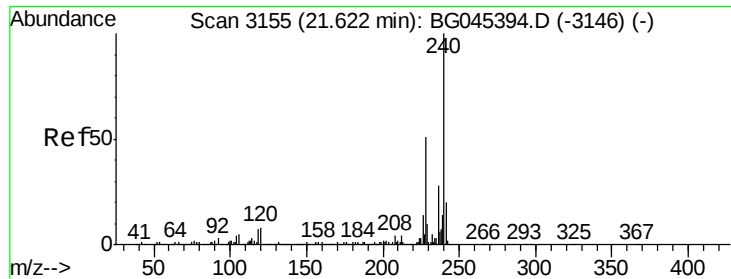
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

16.10

Time-->





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.62 min Scan# 3154

Delta R.T. -0.00 min

Lab File: BG045405.D

Acq: 15 May 2020 20:35

Instrument :

BNA_G

ClientSampleId :

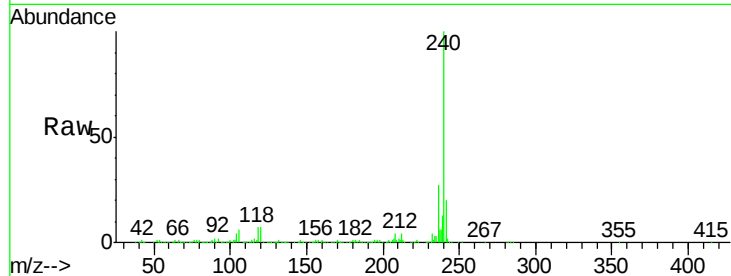
Tot Ion:240 Resp: 494273

Ion Ratio Lower Upper

240 100

120 7.1 6.1 9.1

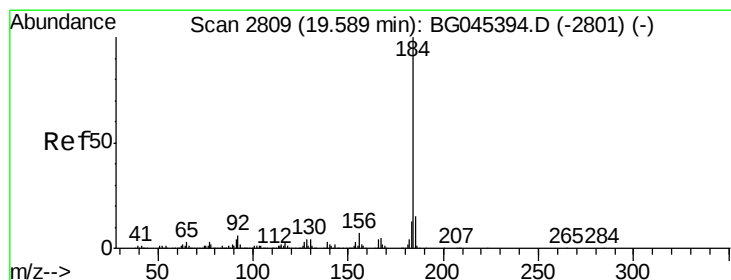
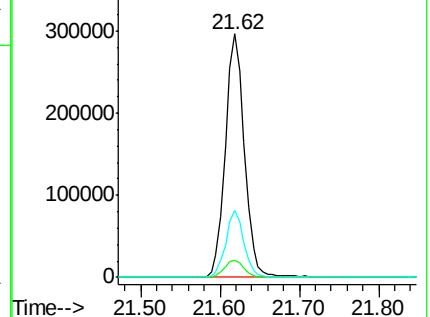
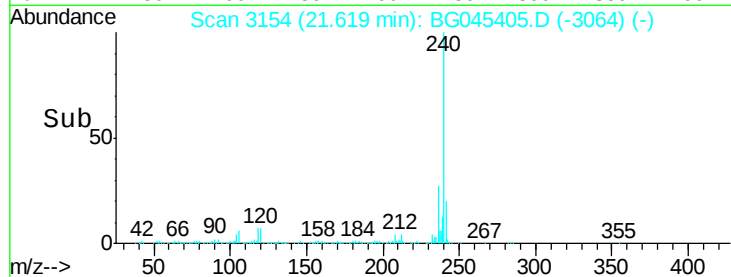
236 27.4 22.3 33.5



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



#77

Benzidine

Concen: 2.921 ng

RT: 19.97 min Scan# 2874

Delta R.T. 0.38 min

Lab File: BG045405.D

Acq: 15 May 2020 20:35

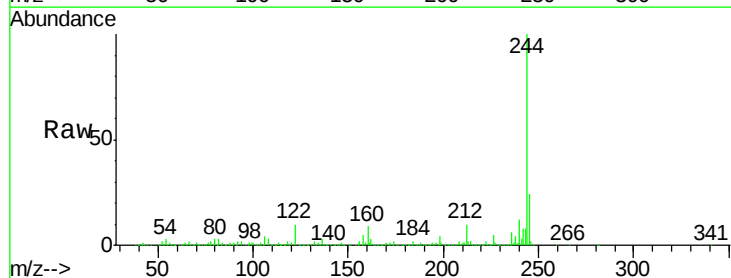
Tgt Ion:184 Resp: 40546

Ion Ratio Lower Upper

184 100

185 17.4 11.7 17.5

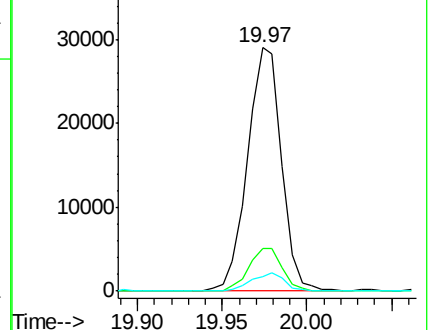
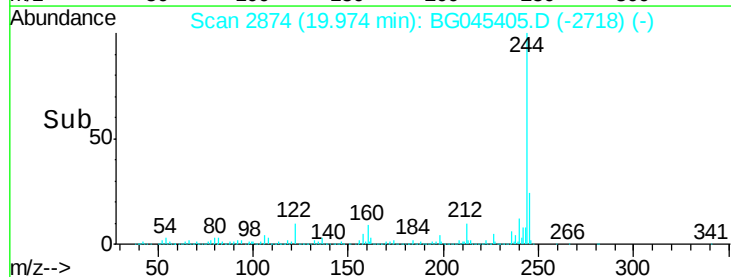
183 6.2 10.2 15.4#

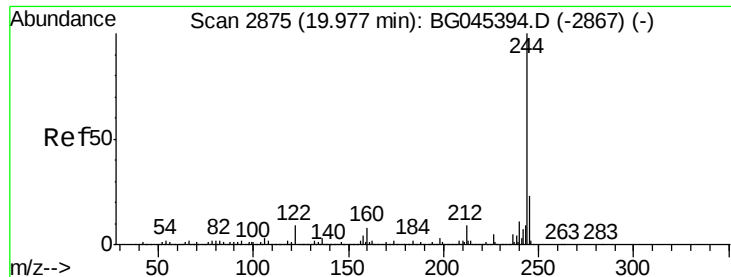


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#79

Terphenyl-d14

Concen: 99.674 ng

RT: 19.97 min Scan# 2874

Delta R.T. -0.00 min

Lab File: BG045405.D

Acq: 15 May 2020 20:35

Instrument :

BNA_G

ClientSampleId :

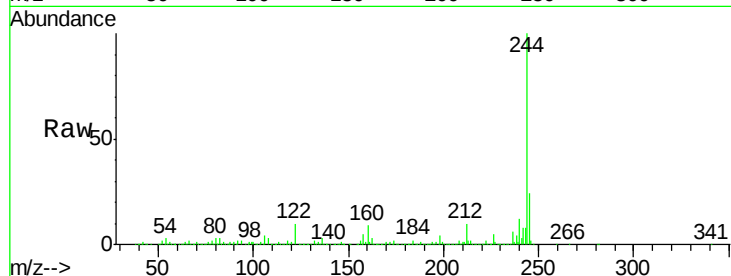
Tot Ion:244 Resp: 2112354

Ion Ratio Lower Upper

244 100

212 9.8 7.4 11.0

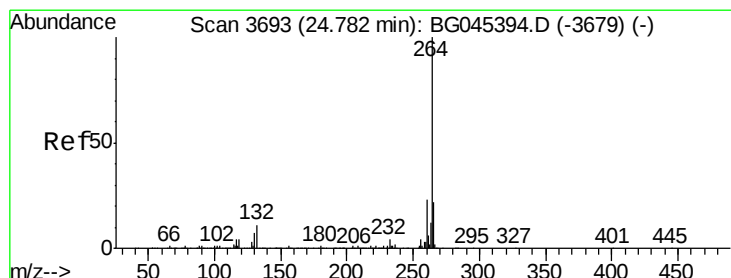
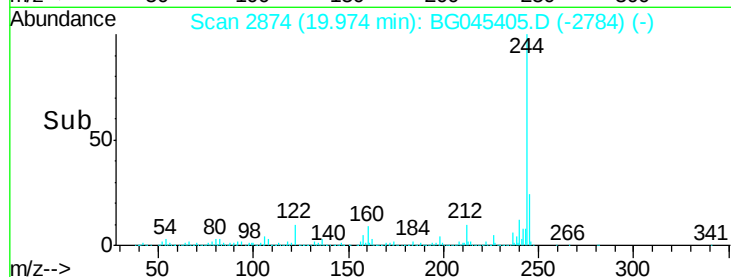
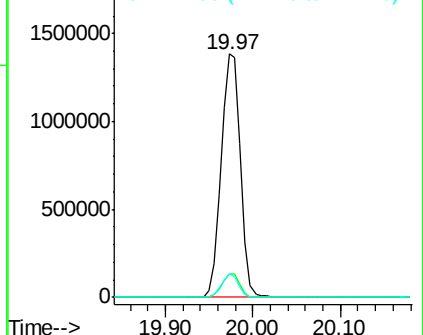
122 9.6 6.8 10.2



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: 24.78 min Scan# 3692

Delta R.T. -0.00 min

Lab File: BG045405.D

Acq: 15 May 2020 20:35

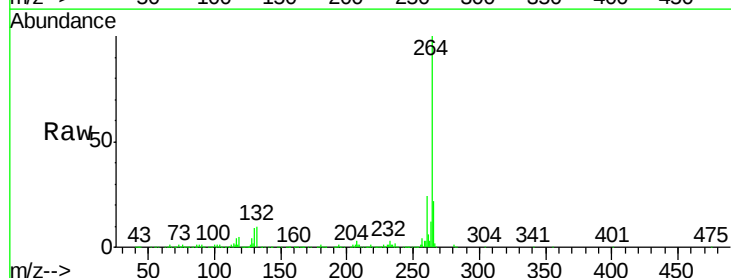
Tgt Ion:264 Resp: 521879

Ion Ratio Lower Upper

264 100

260 23.9 18.2 27.4

265 22.3 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

