

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052721\
 Data File : BF124091.D
 Acq On : 27 May 2021 14:30
 Operator : JU/CG
 Sample : M2535-01DL 10X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GHOST-1DDL

Quant Time: May 27 14:50:14 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 27 13:12:25 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

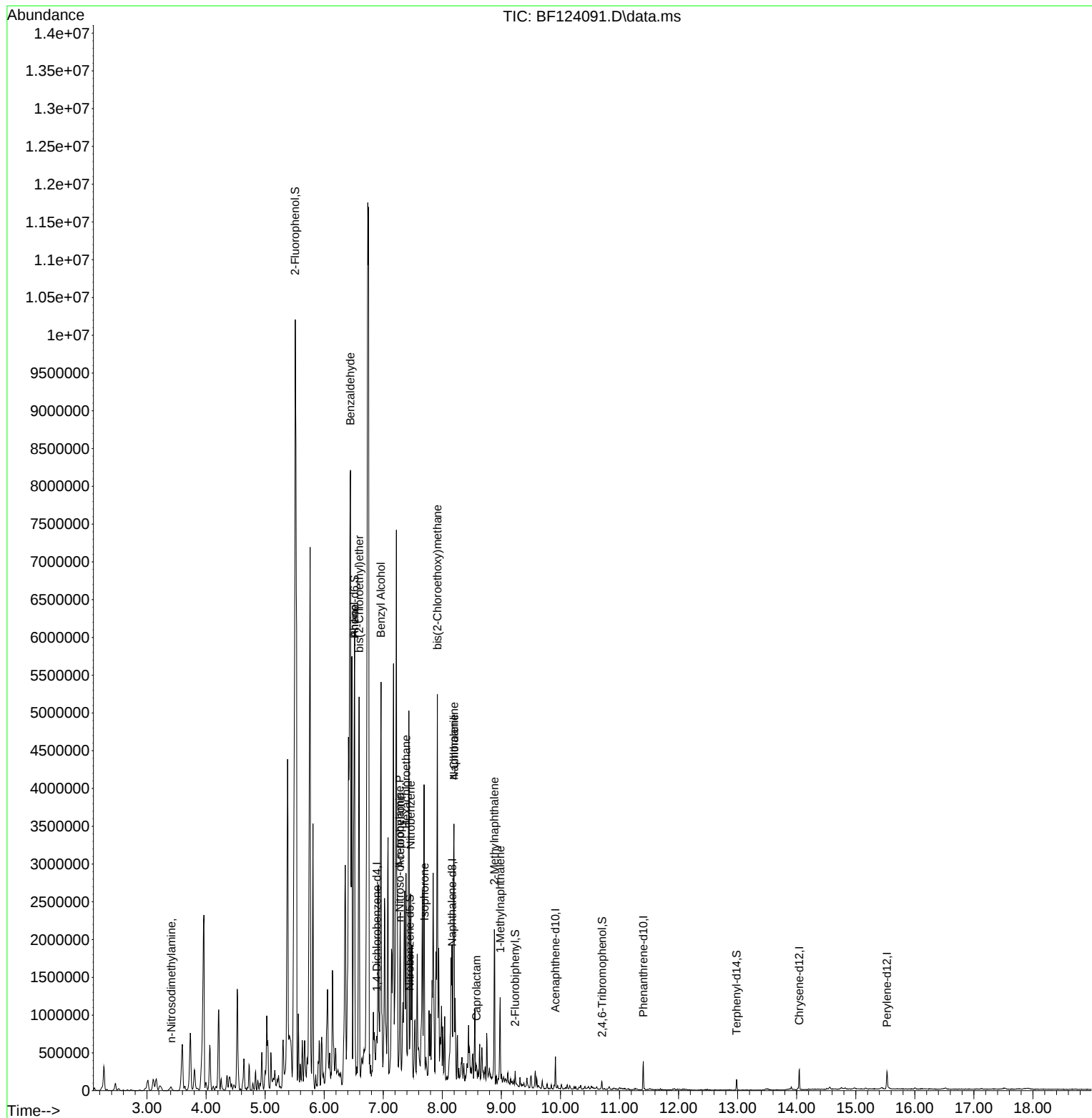
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	30773	20.00	ng	0.01
21) Naphthalene-d8	8.169	136	121983	20.00	ng	# 0.00
39) Acenaphthene-d10	9.916	164	68103	20.00	ng	0.00
64) Phenanthrene-d10	11.404	188	117982	20.00	ng	# 0.00
76) Chrysene-d12	14.045	240	82261	20.00	ng	0.00
86) Perylene-d12	15.527	264	91350	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	27040	12.34	ng	0.02
7) Phenol-d6	6.510	99	43863	15.43	ng	0.00
23) Nitrobenzene-d5	7.451	82	41251	14.57	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	10721	13.11	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	42363	7.65	ng	0.00
79) Terphenyl-d14	12.980	244	44000	8.10	ng	0.00
Target Compounds						
						Qvalue
4) n-Nitrosodimethylamine	3.410	42	5085	3.15	ng	# 3
6) Aniline	6.510	93	16677	5.17	ng	# 1
9) Benzaldehyde	6.445	77	692365	562.76	ng	# 1
11) bis(2-Chloroethyl)ether	6.592	93	10755	4.82	ng	# 1
15) Benzyl Alcohol	6.963	79	209369	85.26	ng	# 17
18) Hexachloroethane	7.386	117	63552	63.07	ng	# 1
19) n-Nitroso-di-n-propyla...	7.281	70	12498	6.51	ng	# 53
22) Acetophenone	7.286	105	472640	136.45	ng	# 50
24) Nitrobenzene	7.463	77	43038	14.87	ng	# 2
25) Isophorone	7.698	82	12097	2.22	ng	# 1
28) bis(2-Chloroethoxy)met...	7.916	93	22527	8.23	ng	# 93
31) Naphthalene	8.198	128	1198295	165.99	ng	97
33) 4-Chloroaniline	8.198	127	171936	62.56	ng	# 36
35) Caprolactam	8.580	113	2482	4.32	ng	# 1
37) 2-Methylnaphthalene	8.880	142	537581	109.87	ng	95
38) 1-Methylnaphthalene	8.980	142	226976	49.71	ng	97

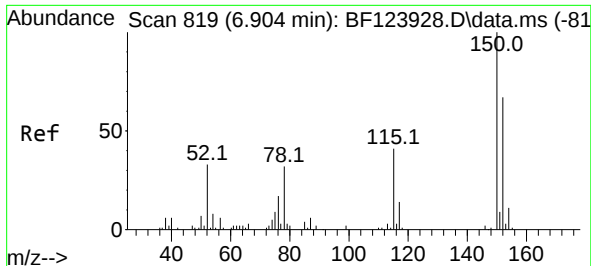
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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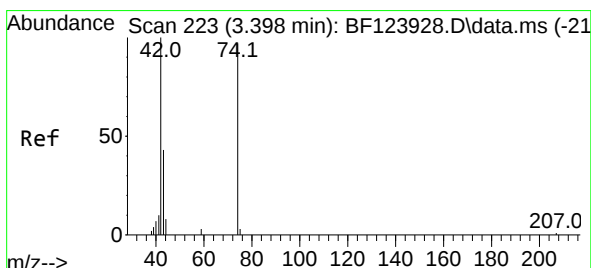
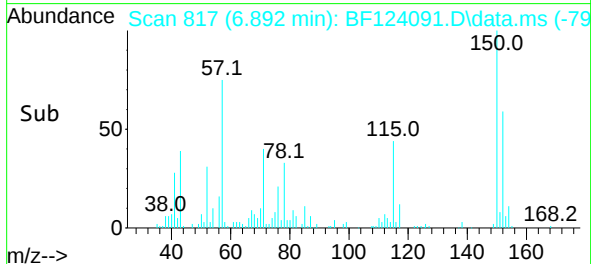
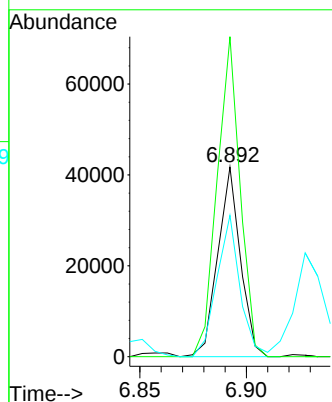
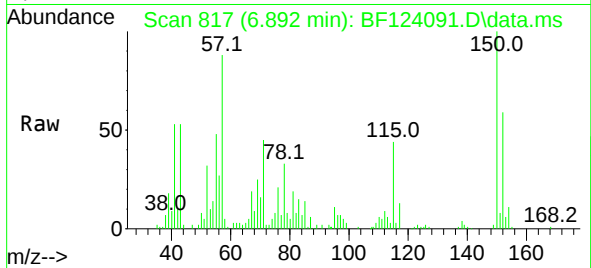




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.892 min Scan# 817
Delta R.T. 0.011 min
Lab File: BF124091.D
Acq: 27 May 2021 14:30

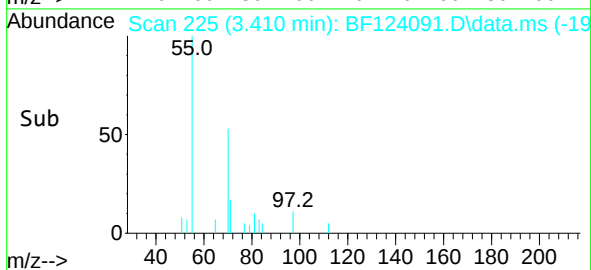
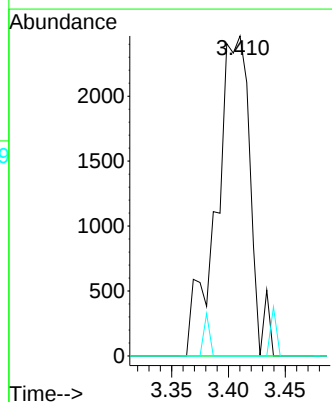
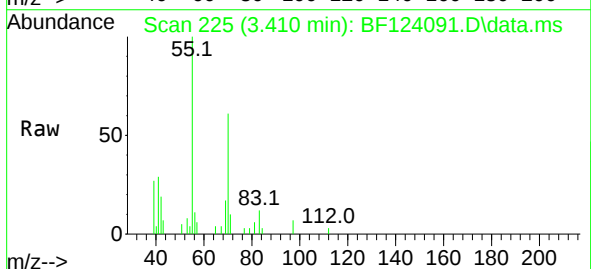
Instrument :
BNA_F
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GHOST-1DDL

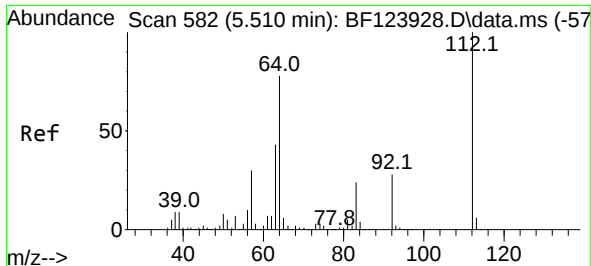
Tgt Ion:152 Resp: 30773
Ion Ratio Lower Upper
152 100
150 168.8 127.0 190.6
115 74.5 54.3 81.5



#4
n-Nitrosodimethylamine
Concen: 3.15 ng
RT: 3.410 min Scan# 225
Delta R.T. 0.076 min
Lab File: BF124091.D
Acq: 27 May 2021 14:30

Tgt Ion: 42 Resp: 5085
Ion Ratio Lower Upper
42 100
74 0.0 83.5 125.3#
44 0.0 5.7 8.5#

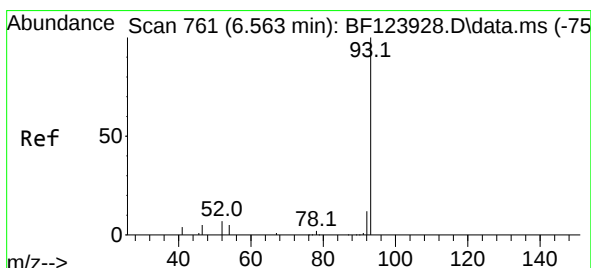
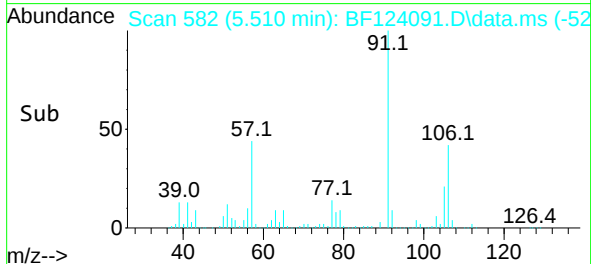
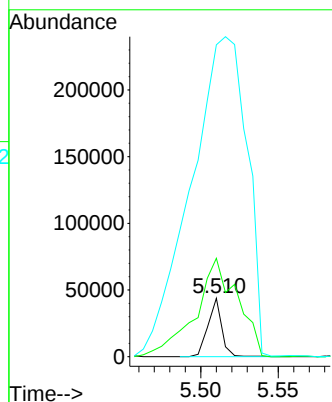
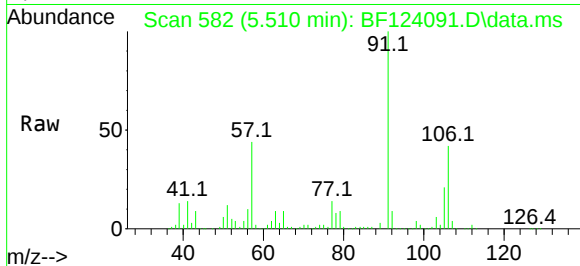




#5
2-Fluorophenol
Concen: 12.34 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF124091.D
Acq: 27 May 2021 14:30

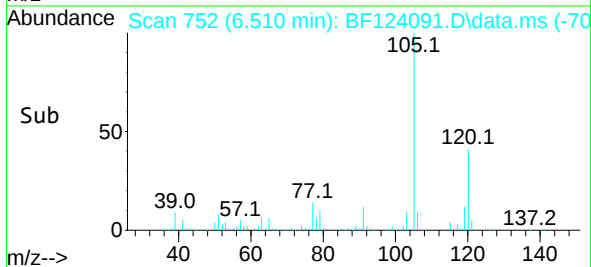
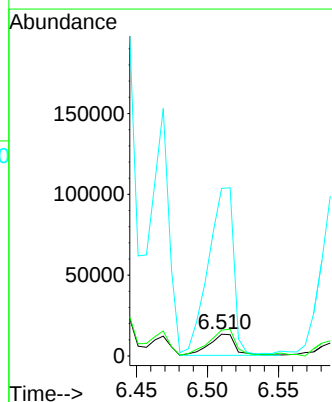
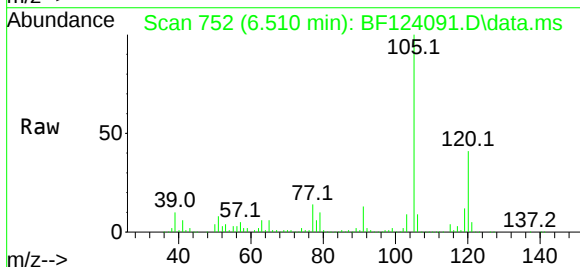
Instrument :
BNA_F
ClientSampleId :
GHOST-1DDL

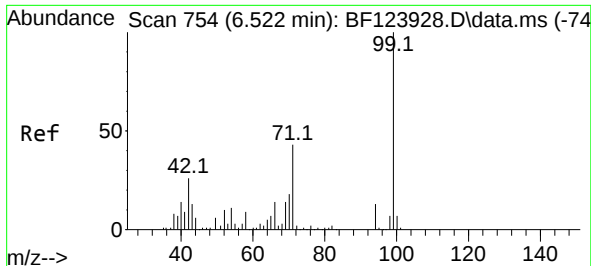
Tgt Ion:112 Resp: 27040
Ion Ratio Lower Upper
112 100
64 168.5 61.4 92.0#
63 534.0 33.0 49.4#



#6
Aniline
Concen: 5.17 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.029 min
Lab File: BF124091.D
Acq: 27 May 2021 14:30

Tgt Ion: 93 Resp: 16677
Ion Ratio Lower Upper
93 100
66 118.6 36.4 54.6#
65 766.7 19.4 29.0#

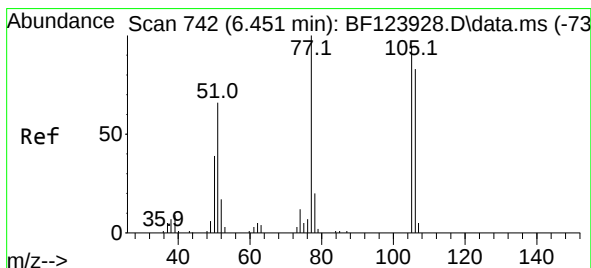
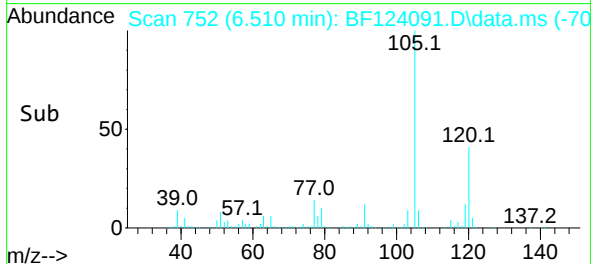
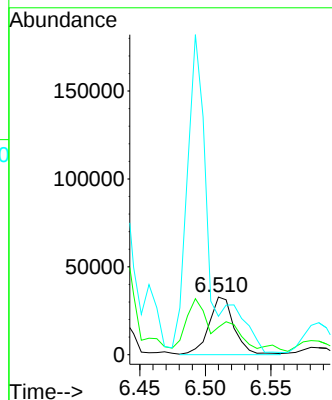
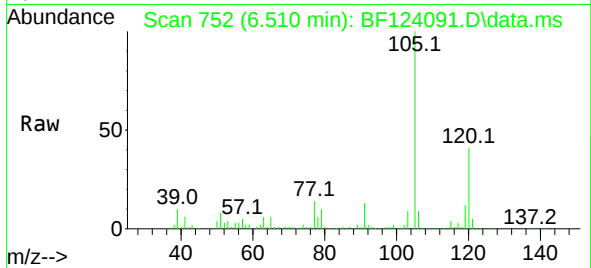




#7
Phenol-d6
Concen: 15.43 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.000 min
Lab File: BF124091.D
Acq: 27 May 2021 14:30

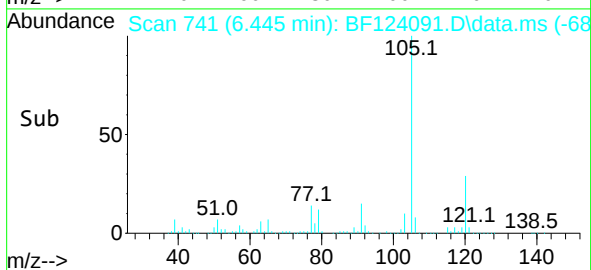
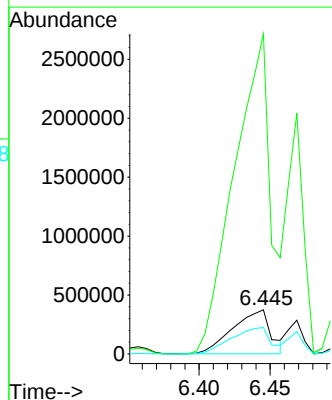
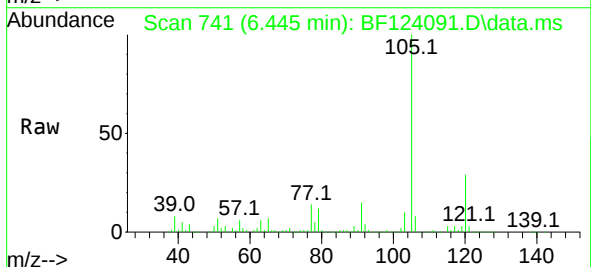
Instrument :
BNA_F
ClientSampleId :
GHOST-1DDL

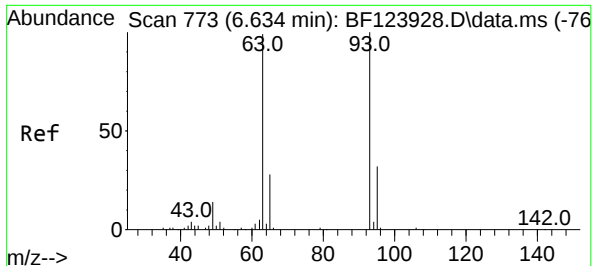
Tgt Ion: 99 Resp: 43863
Ion Ratio Lower Upper
99 100
42 47.8 19.8 29.8#
71 66.7 31.1 46.7#



#9
Benzaldehyde
Concen: 562.76 ng
RT: 6.445 min Scan# 741
Delta R.T. 0.018 min
Lab File: BF124091.D
Acq: 27 May 2021 14:30

Tgt Ion: 77 Resp: 692365
Ion Ratio Lower Upper
77 100
105 724.6 75.2 115.2#
106 59.8 71.6 111.6#

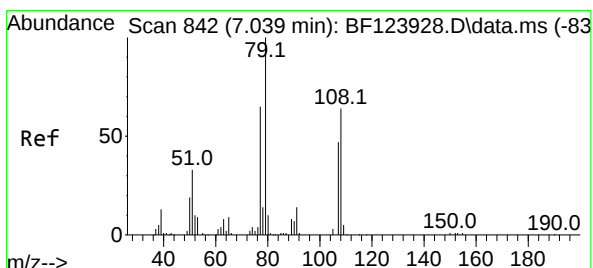
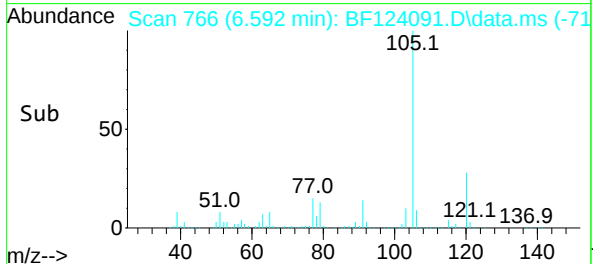
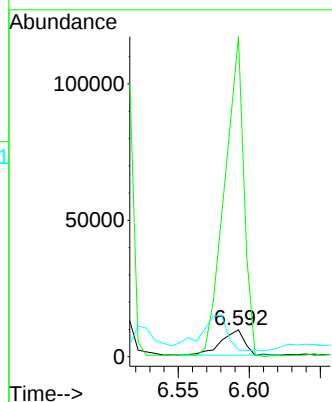
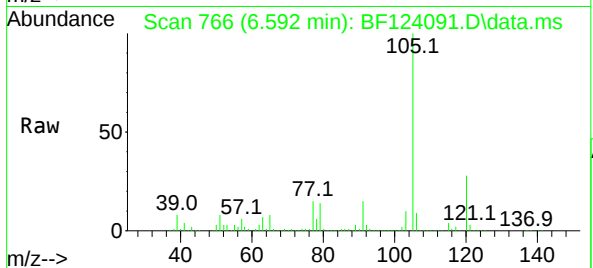




#11
bis(2-Chloroethyl)ether
Concen: 4.82 ng
RT: 6.592 min Scan# 766
Delta R.T. -0.024 min
Lab File: BF124091.D
Acq: 27 May 2021 14:30

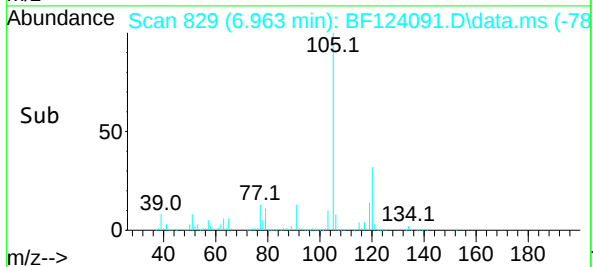
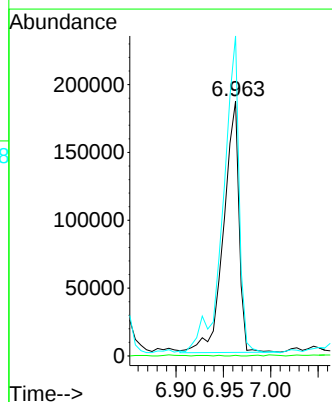
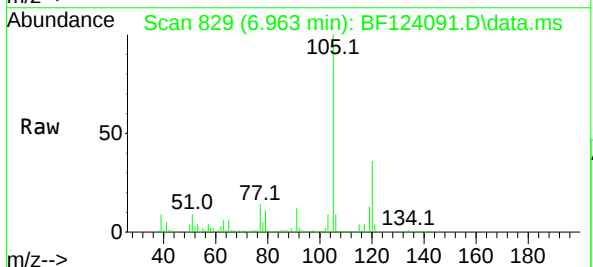
Instrument :
BNA_F
ClientSampleId :
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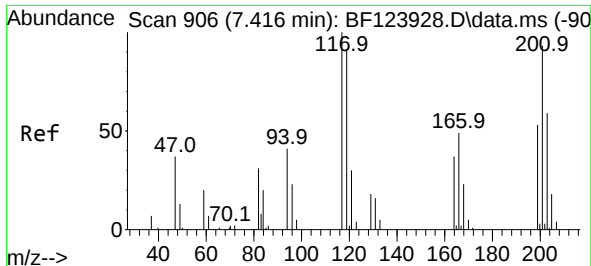
Tgt Ion: 93 Resp: 10755
Ion Ratio Lower Upper
93 100
63 1187.2 76.1 116.1#
95 25.4 11.5 51.5



#15
Benzyl Alcohol
Concen: 85.26 ng
RT: 6.963 min Scan# 829
Delta R.T. -0.053 min
Lab File: BF124091.D
Acq: 27 May 2021 14:30

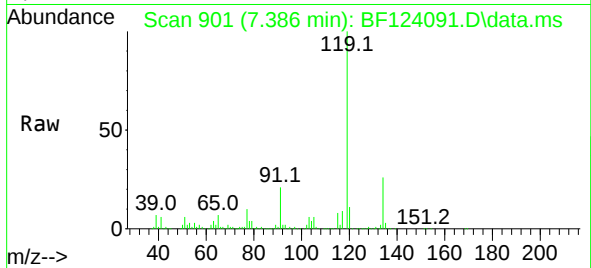
Tgt Ion: 79 Resp: 209369
Ion Ratio Lower Upper
79 100
108 0.3 55.8 83.8#
77 125.6 49.9 74.9#



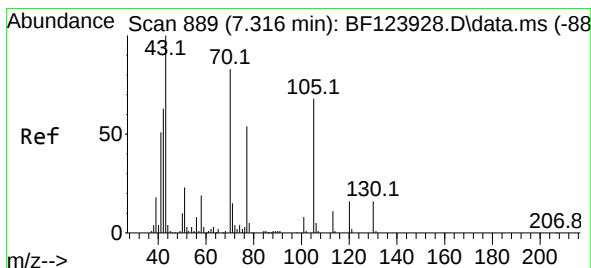
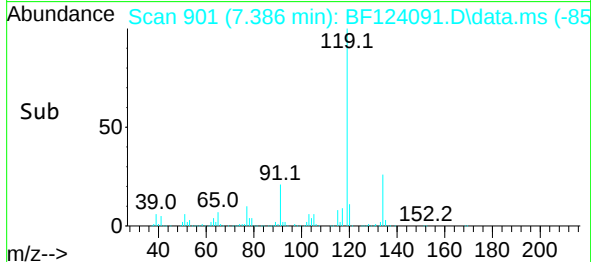
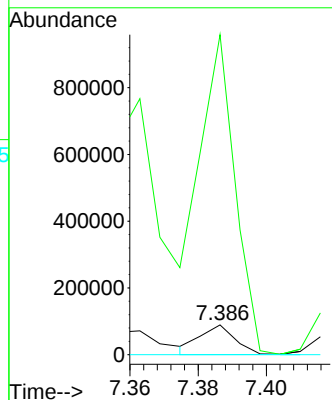


#18
Hexachloroethane
Concen: 63.07 ng
RT: 7.386 min Scan# 901
Delta R.T. -0.006 min
Lab File: BF124091.D
Acq: 27 May 2021 14:30

Instrument :
BNA_F
ClientSampleId :
GHOST-1DDL

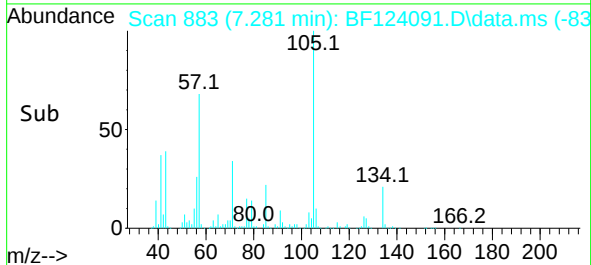
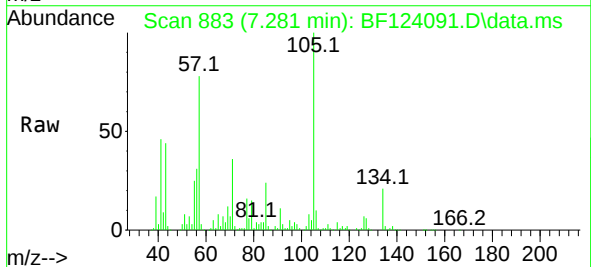
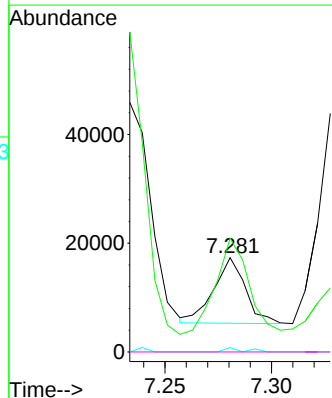


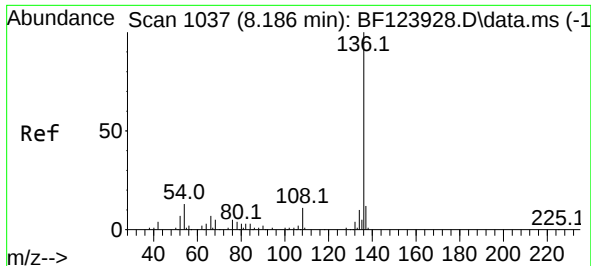
Tgt Ion:117 Resp: 63552
Ion Ratio Lower Upper
117 100
119 1072.4 77.8 116.8#
201 0.0 67.8 101.8#



#19
n-Nitroso-di-n-propylamine
Concen: 6.51 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.012 min
Lab File: BF124091.D
Acq: 27 May 2021 14:30

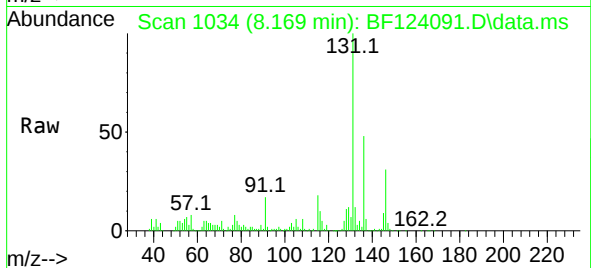
Tgt Ion: 70 Resp: 12498
Ion Ratio Lower Upper
70 100
42 120.4 60.1 90.1#
101 4.8 7.4 11.2#
130 0.0 14.2 21.2#



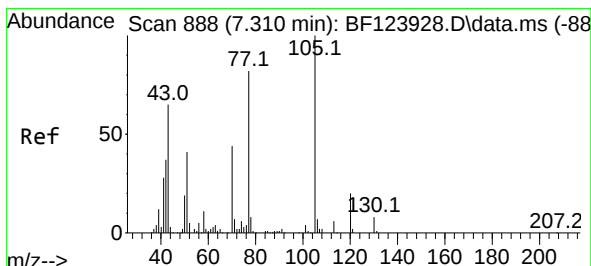
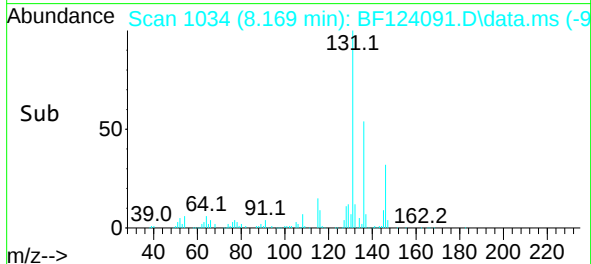
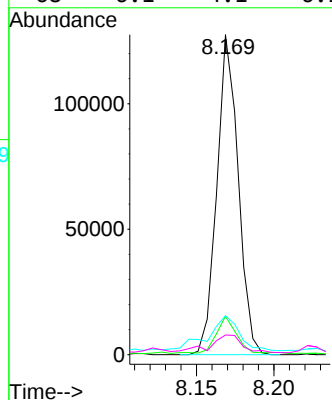


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.169 min Scan# 1034
Delta R.T. 0.006 min
Lab File: BF124091.D
Acq: 27 May 2021 14:30

Instrument :
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ClientSampleId :
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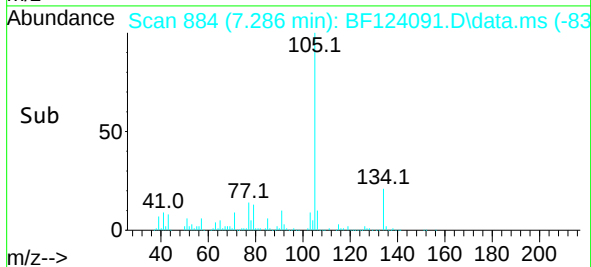
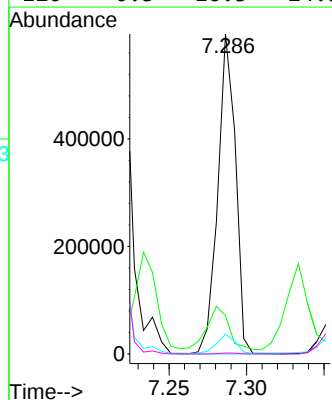
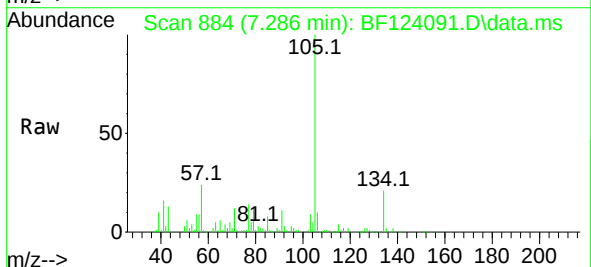


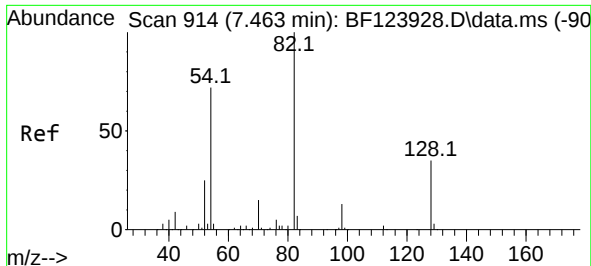
Tgt Ion:136 Resp: 121983
Ion Ratio Lower Upper
136 100
137 12.0 8.7 13.1
54 12.2 9.8 14.6
68 6.1 4.1 6.1#



#22
Acetophenone
Concen: 136.45 ng
RT: 7.286 min Scan# 884
Delta R.T. -0.000 min
Lab File: BF124091.D
Acq: 27 May 2021 14:30

Tgt Ion:105 Resp: 472640
Ion Ratio Lower Upper
105 100
71 12.0 4.2 6.4#
51 6.2 33.6 50.4#
120 0.3 16.3 24.5#

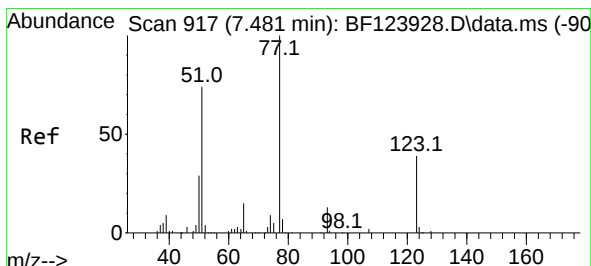
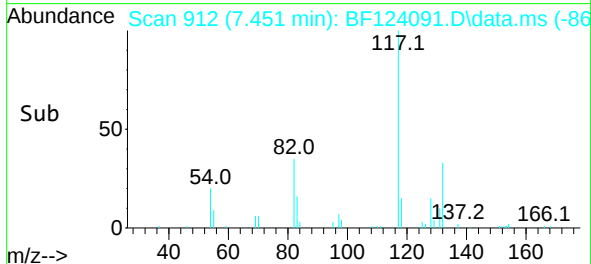
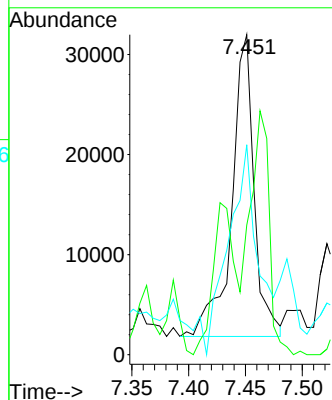
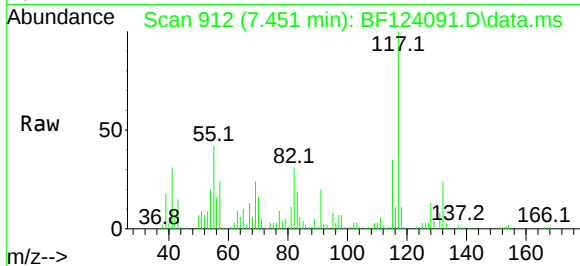




#23
Nitrobenzene-d5
Concen: 14.57 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.006 min
Lab File: BF124091.D
Acq: 27 May 2021 14:30

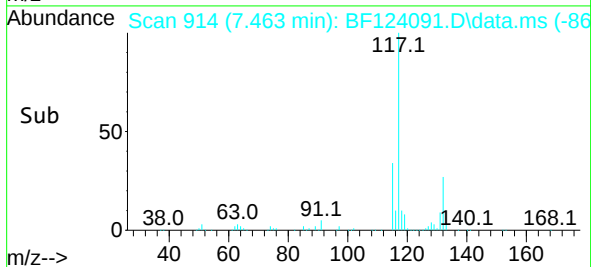
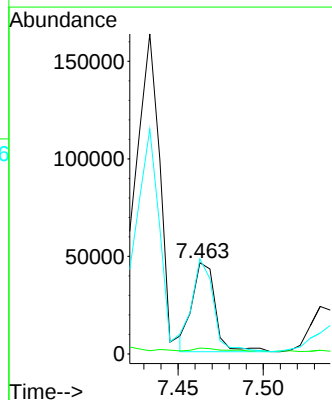
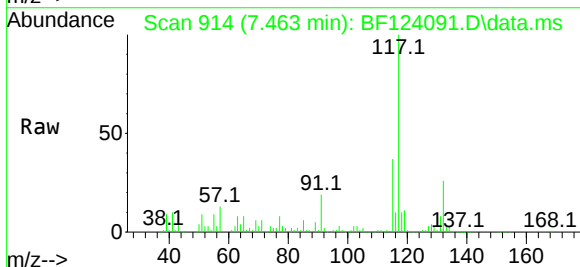
Instrument :
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ClientSampleId :
GHOST-1DDL

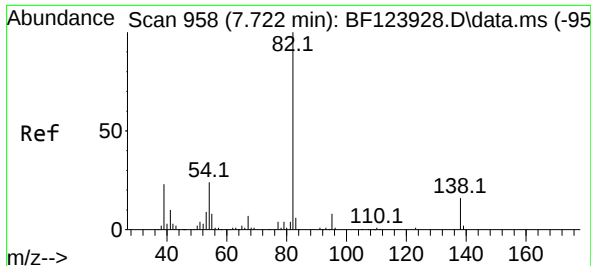
Tgt Ion: 82 Resp: 41251
Ion Ratio Lower Upper
82 100
128 40.5 29.4 44.2
54 65.6 54.1 81.1



#24
Nitrobenzene
Concen: 14.87 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.000 min
Lab File: BF124091.D
Acq: 27 May 2021 14:30

Tgt Ion: 77 Resp: 43038
Ion Ratio Lower Upper
77 100
123 6.4 34.5 51.7#
65 104.2 12.2 18.2#

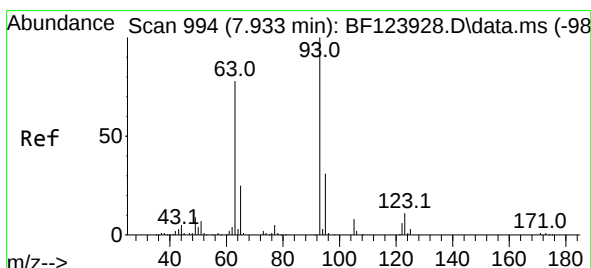
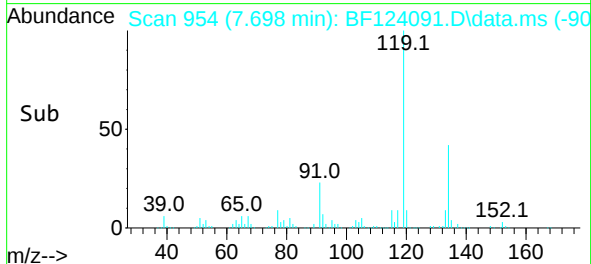
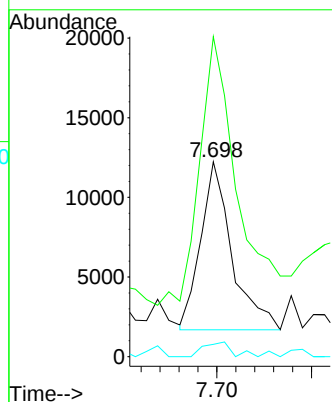
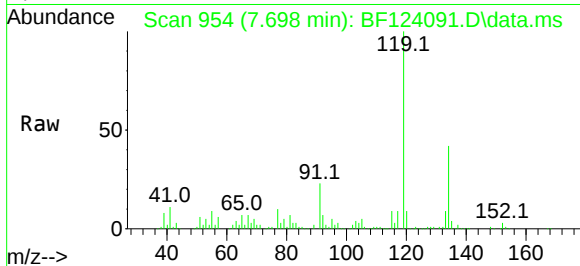




#25
Isophorone
Concen: 2.22 ng
RT: 7.698 min Scan# 954
Delta R.T. -0.000 min
Lab File: BF124091.D
Acq: 27 May 2021 14:30

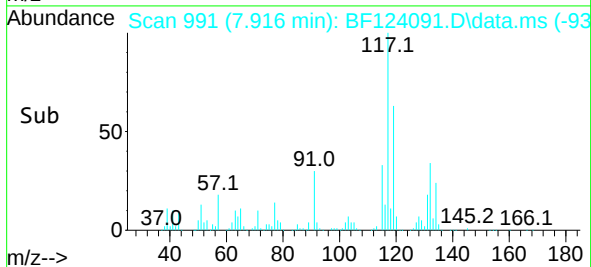
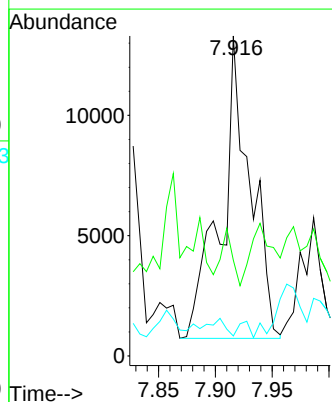
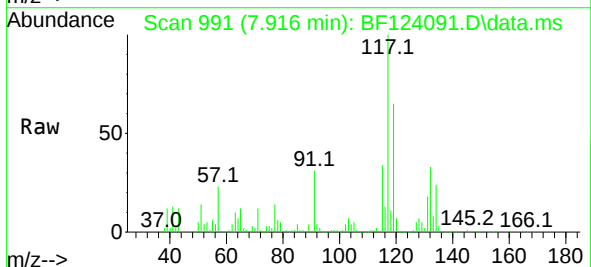
Instrument :
BNA_F
ClientSampleId :
GHOST-1DDL

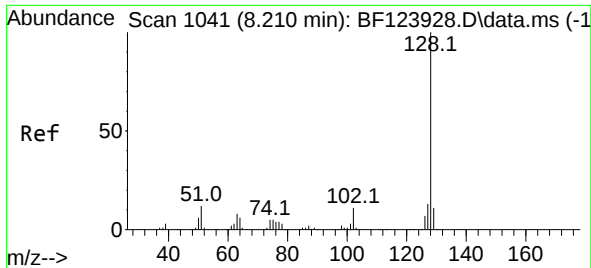
Tgt Ion: 82 Resp: 12097
Ion Ratio Lower Upper
82 100
95 164.2 5.8 8.6#
138 6.3 11.8 17.8#



#28
bis(2-Chloroethoxy)methane
Concen: 8.23 ng
RT: 7.916 min Scan# 991
Delta R.T. 0.006 min
Lab File: BF124091.D
Acq: 27 May 2021 14:30

Tgt Ion: 93 Resp: 22527
Ion Ratio Lower Upper
93 100
95 29.9 26.5 39.7
123 6.3 8.4 12.6#

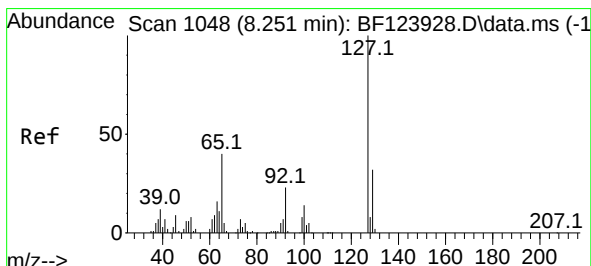
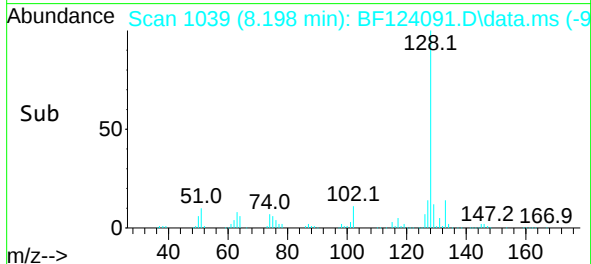
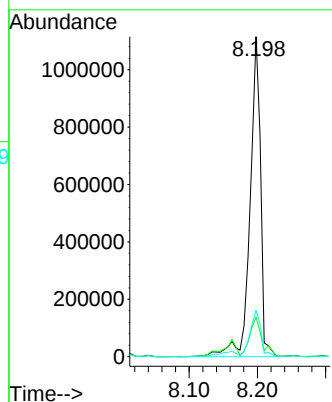
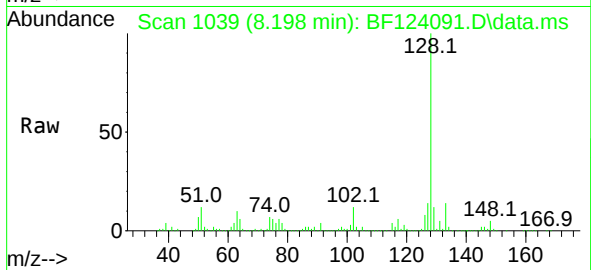




#31
Naphthalene
Concen: 165.99 ng
RT: 8.198 min Scan# 1039
Delta R.T. 0.012 min
Lab File: BF124091.D
Acq: 27 May 2021 14:30

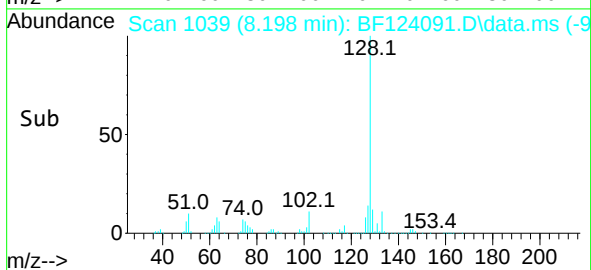
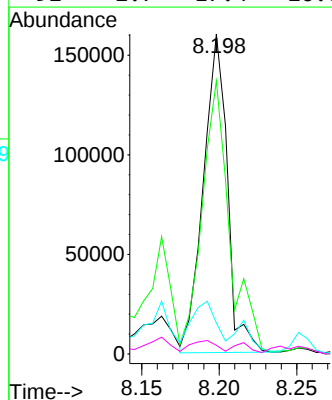
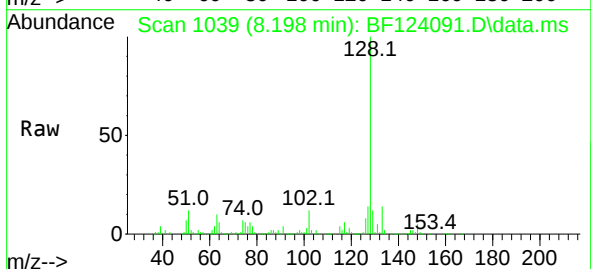
Instrument :
BNA_F
ClientSampleId :
GHOST-1DDL

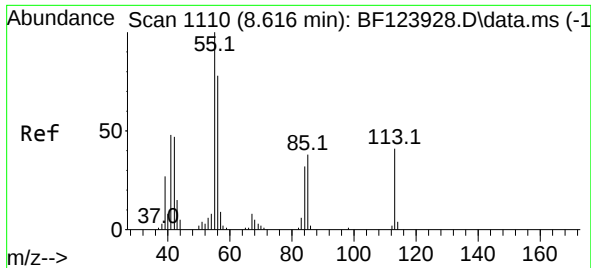
Tgt Ion:128 Resp: 1198295
Ion Ratio Lower Upper
128 100
129 12.3 8.9 13.3
127 14.4 10.8 16.2



#33
4-Chloroaniline
Concen: 62.56 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.035 min
Lab File: BF124091.D
Acq: 27 May 2021 14:30

Tgt Ion:127 Resp: 171936
Ion Ratio Lower Upper
127 100
129 85.3 25.7 38.5#
65 9.7 34.5 51.7#
92 2.7 17.4 26.0#

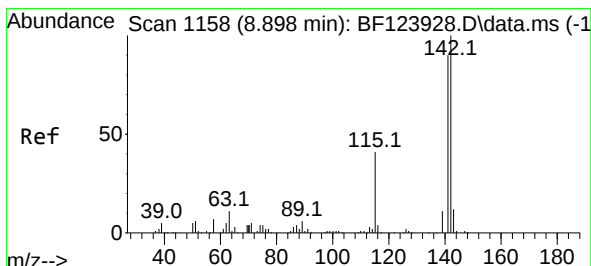
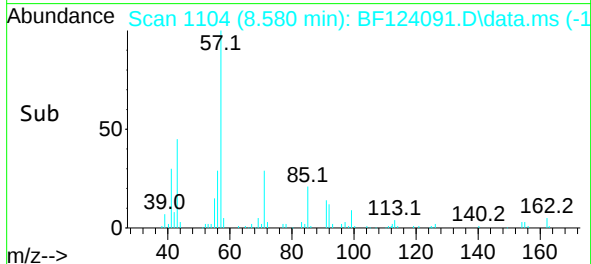
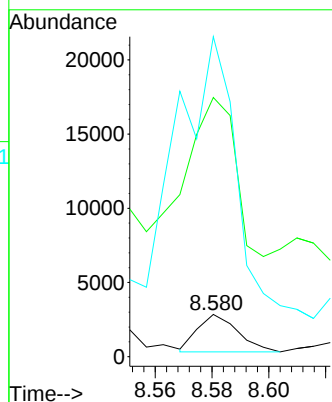
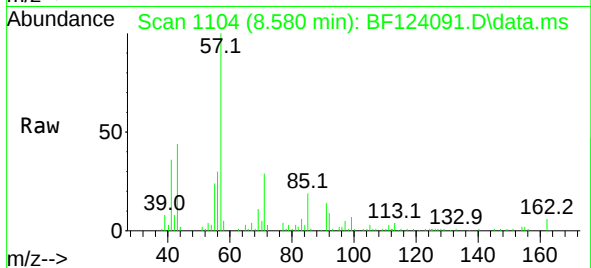




#35
 Caprolactam
 Concen: 4.32 ng
 RT: 8.580 min Scan# 1104
 Delta R.T. -0.012 min
 Lab File: BF124091.D
 Acq: 27 May 2021 14:30

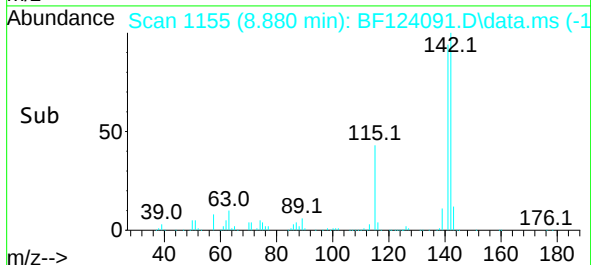
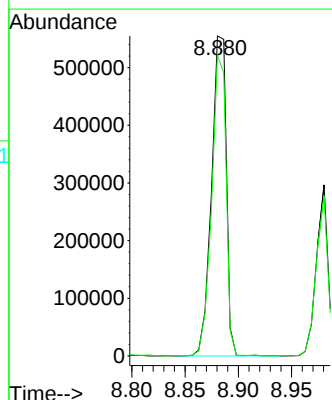
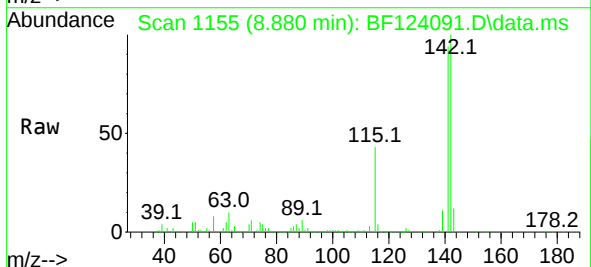
Instrument :
 BNA_F
 ClientSampleId :
 GHOST-1DDL

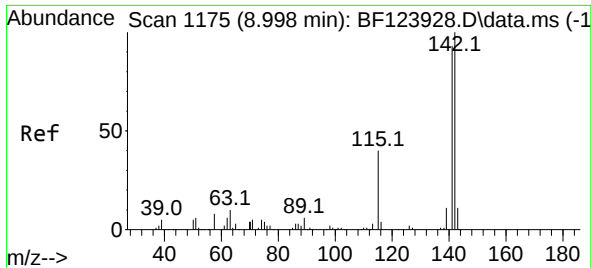
Tgt Ion:113 Resp: 2482
 Ion Ratio Lower Upper
 113 100
 55 613.9 254.9 294.9#
 56 757.8 179.4 219.4#



#37
 2-Methylnaphthalene
 Concen: 109.87 ng
 RT: 8.880 min Scan# 1155
 Delta R.T. 0.006 min
 Lab File: BF124091.D
 Acq: 27 May 2021 14:30

Tgt Ion:142 Resp: 537581
 Ion Ratio Lower Upper
 142 100
 141 94.0 71.8 107.6

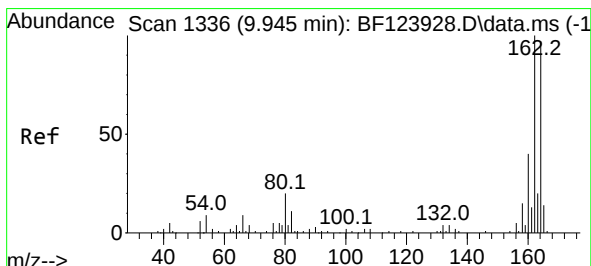
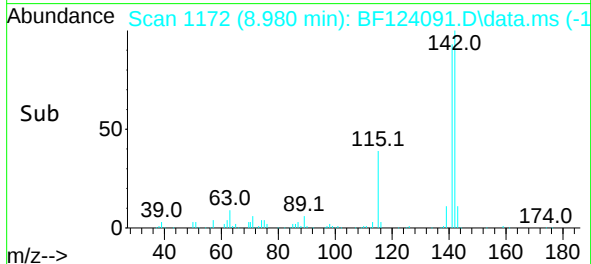
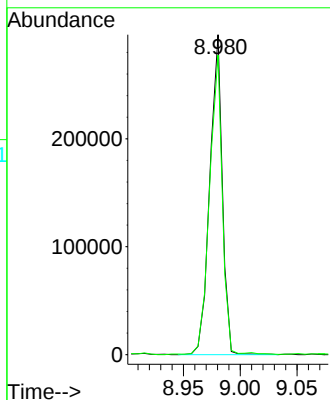
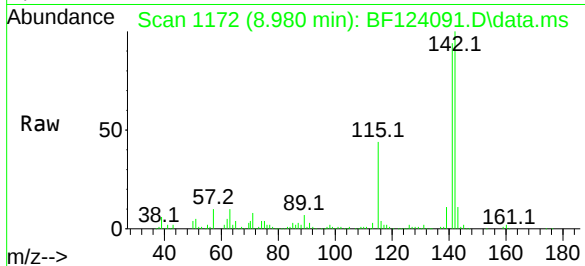




#38
1-Methylnaphthalene
Concen: 49.71 ng
RT: 8.980 min Scan# 1172
Delta R.T. 0.006 min
Lab File: BF124091.D
Acq: 27 May 2021 14:30

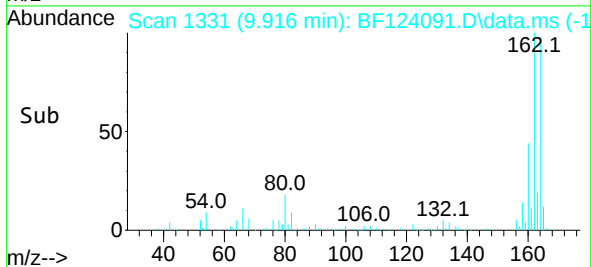
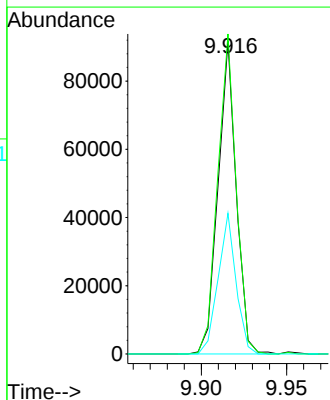
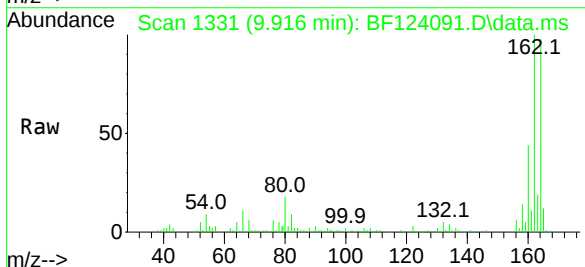
Instrument :
BNA_F
ClientSampleId :
GHOST-1DDL

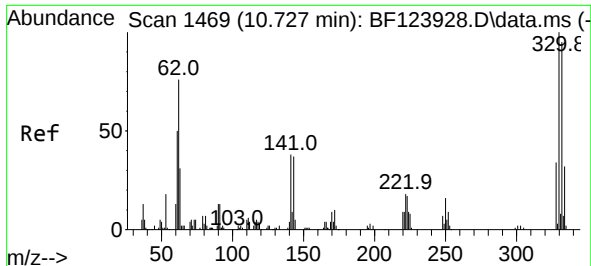
Tgt Ion:142 Resp: 226976
Ion Ratio Lower Upper
142 100
141 93.7 72.8 109.2



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.000 min
Lab File: BF124091.D
Acq: 27 May 2021 14:30

Tgt Ion:164 Resp: 68103
Ion Ratio Lower Upper
164 100
162 102.3 80.7 121.1
160 44.9 37.3 55.9

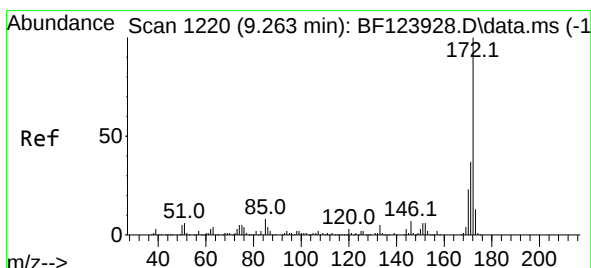
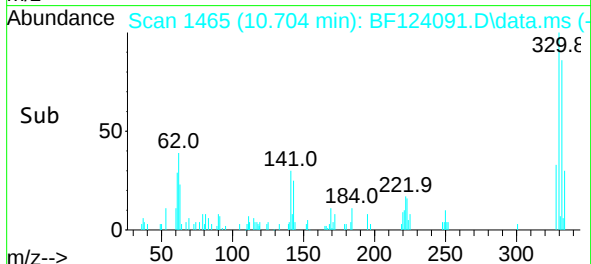
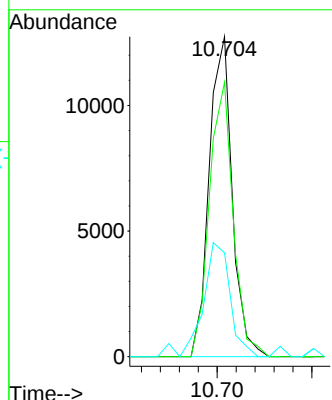
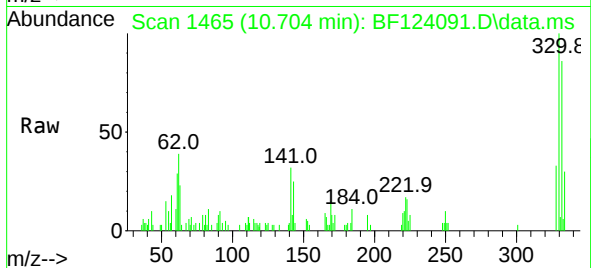




#42
2,4,6-Tribromophenol
Concen: 13.11 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.000 min
Lab File: BF124091.D
Acq: 27 May 2021 14:30

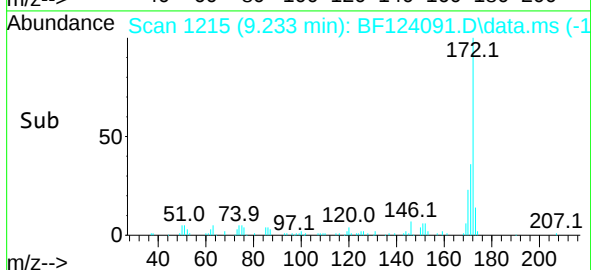
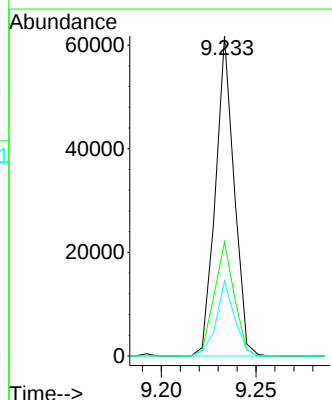
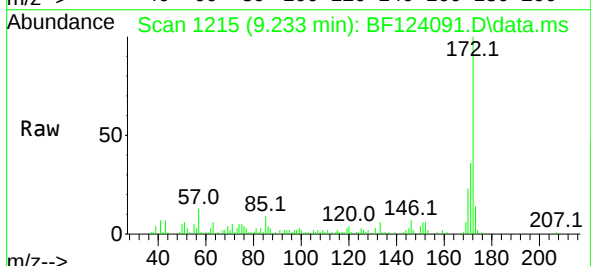
Instrument :
BNA_F
ClientSampleID :
GHOST-1DDL

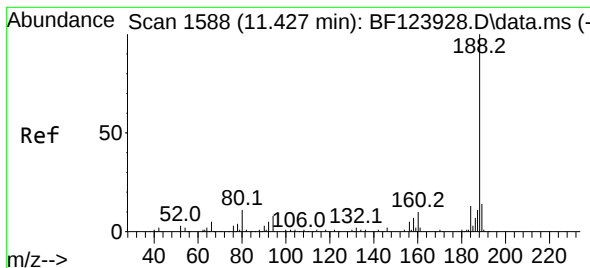
Tgt Ion:330 Resp: 10721
Ion Ratio Lower Upper
330 100
332 88.8 77.1 115.7
141 42.4 27.9 41.9#



#45
2-Fluorobiphenyl
Concen: 7.65 ng
RT: 9.233 min Scan# 1215
Delta R.T. -0.006 min
Lab File: BF124091.D
Acq: 27 May 2021 14:30

Tgt Ion:172 Resp: 42363
Ion Ratio Lower Upper
172 100
171 35.7 28.1 42.1
170 23.5 19.2 28.8

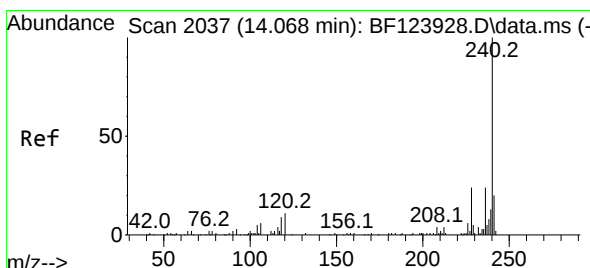
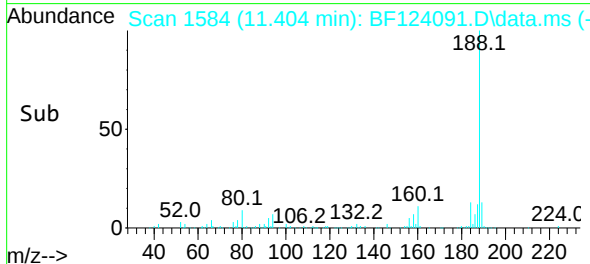
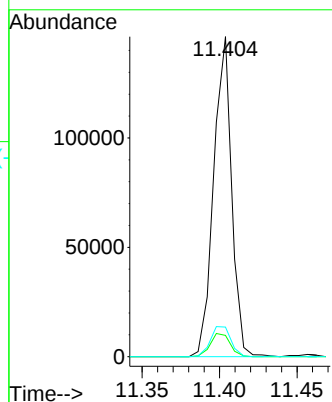
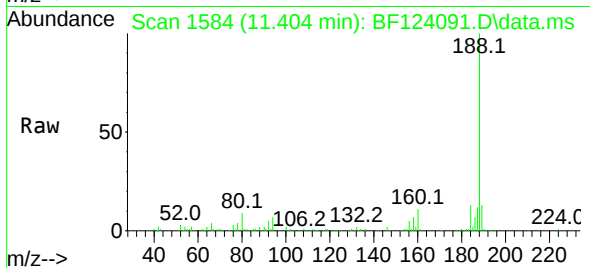




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.000 min
Lab File: BF124091.D
Acq: 27 May 2021 14:30

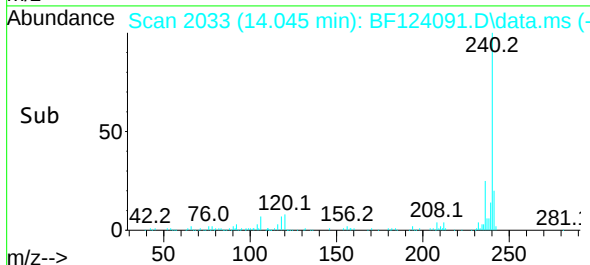
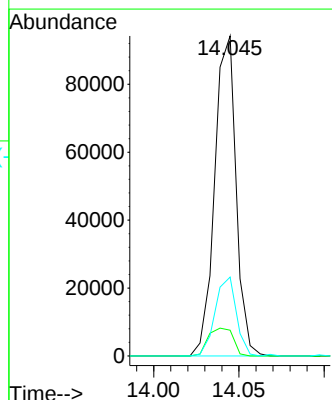
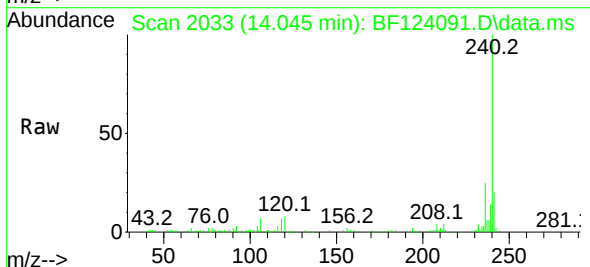
Instrument :
BNA_F
ClientSampleId :
GHOST-1DDL

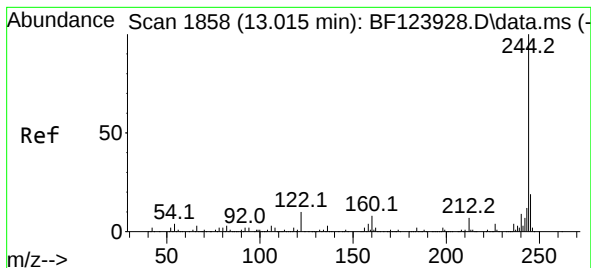
Tgt Ion:188 Resp: 117982
Ion Ratio Lower Upper
188 100
94 6.7 6.9 10.3#
80 9.3 8.2 12.2



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.000 min
Lab File: BF124091.D
Acq: 27 May 2021 14:30

Tgt Ion:240 Resp: 82261
Ion Ratio Lower Upper
240 100
120 8.1 7.2 10.8
236 24.7 19.0 28.4





#79

Terphenyl-d14

Concen: 8.10 ng

RT: 12.980 min Scan# 1852

Delta R.T. -0.006 min

Lab File: BF124091.D

Acq: 27 May 2021 14:30

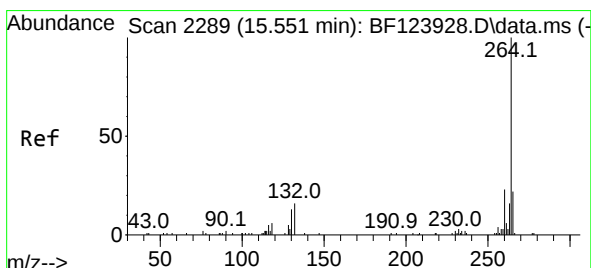
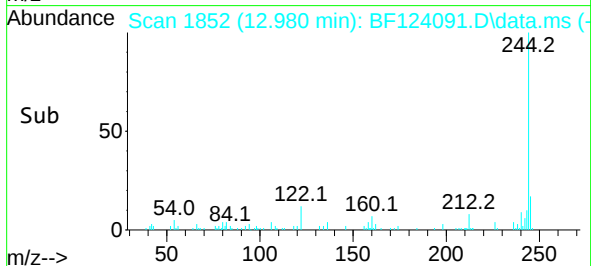
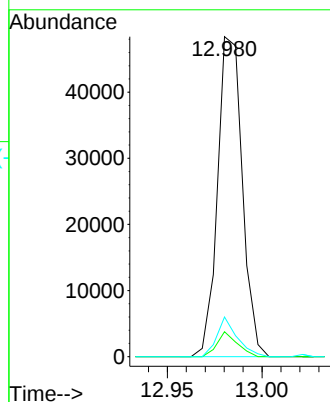
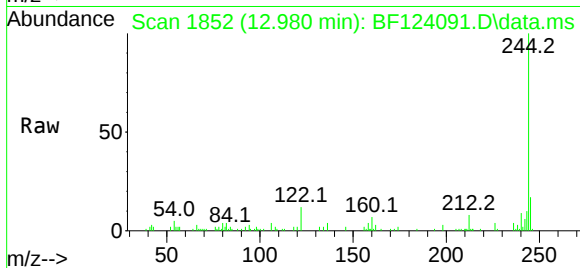
Tgt Ion:244 Resp: 44000

Ion Ratio Lower Upper

244 100

212 7.8 5.7 8.5

122 12.4 9.7 14.5



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.527 min Scan# 2285

Delta R.T. -0.000 min

Lab File: BF124091.D

Acq: 27 May 2021 14:30

Tgt Ion:264 Resp: 91350

Ion Ratio Lower Upper

264 100

260 22.2 18.7 28.1

265 20.7 17.8 26.8

