

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070823\
 Data File : BF134174.D
 Acq On : 09 Jul 2023 06:39
 Operator : CG\JU
 Sample : 03510-02
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 09 07:07:38 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 30 18:35:29 2023
 Response via : Initial Calibration

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

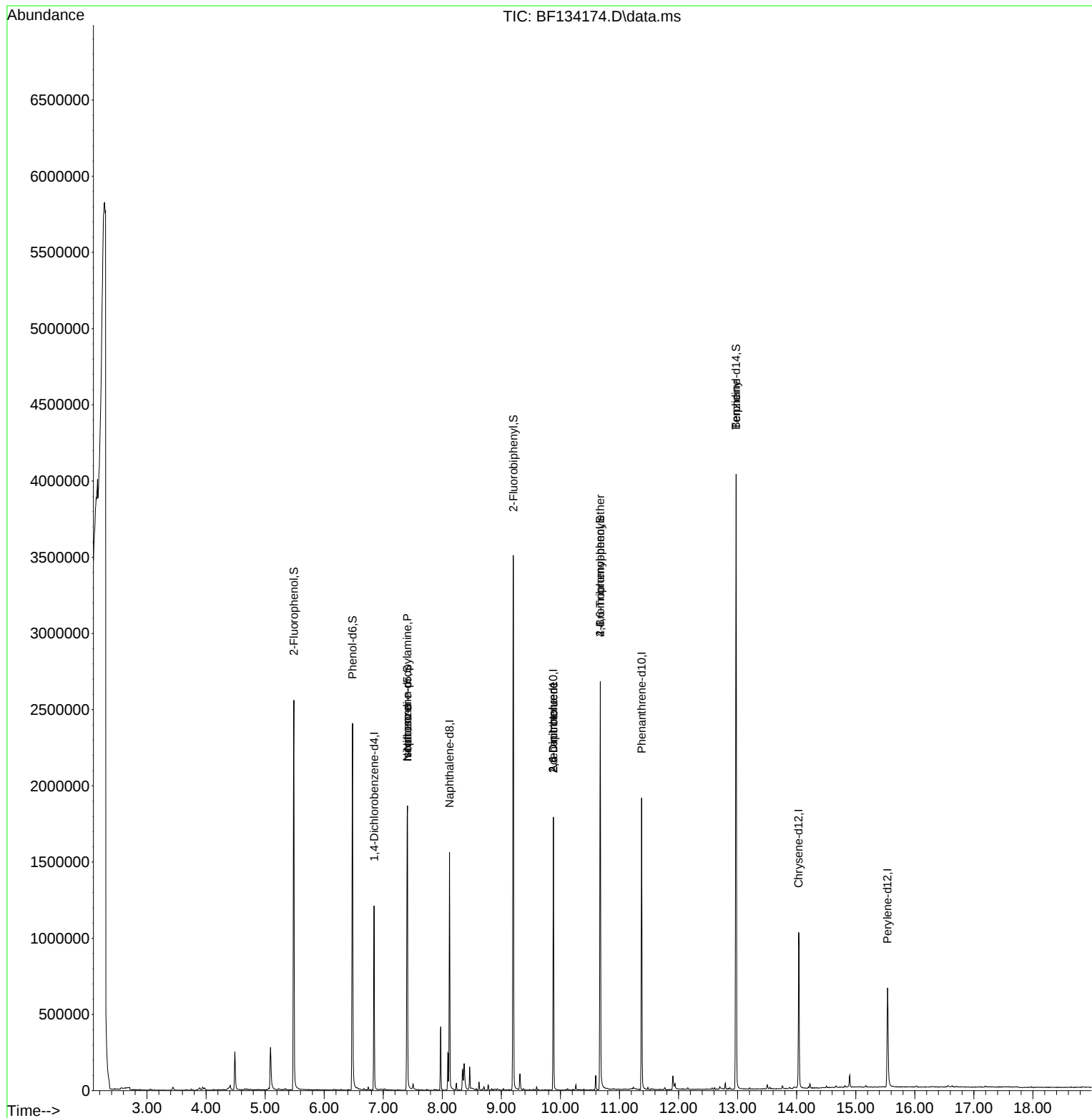
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	168289	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	620291	20.000	ng	-0.01
39) Acenaphthene-d10	9.880	164	325655	20.000	ng	-0.01
64) Phenanthrene-d10	11.374	188	678547	20.000	ng	-0.01
76) Chrysene-d12	14.033	240	373581	20.000	ng	#-0.02
86) Perylene-d12	15.539	264	334539	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	694097	68.992	ng	0.00
7) Phenol-d6	6.481	99	786420	63.562	ng	-0.01
23) Nitrobenzene-d5	7.410	82	623321	54.169	ng	-0.01
42) 2,4,6-Tribromophenol	10.675	330	335743	82.228	ng	-0.01
45) 2-Fluorobiphenyl	9.204	172	1153340	51.491	ng	0.00
79) Terphenyl-d14	12.974	244	1470347	63.344	ng	-0.01
Target Compounds						
						Qvalue
9) Benzaldehyde	6.416	77	111	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.410	70	86812	11.064	ng	# 75
25) Isophorone	7.410	82	623310	29.805	ng	# 64
51) 2,6-Dinitrotoluene	9.880	165	41508	8.152	ng	# 23
57) 2,4-Dinitrotoluene	9.880	165	41508	6.173	ng	# 22
67) 4-Bromophenyl-phenylether	10.675	248	20151	2.794	ng	# 1
77) Benizidine	12.974	184	19468	2.190	ng	# 95

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070823\
Data File : BF134174.D
Acq On : 09 Jul 2023 06:39
Operator : CG\JU
Sample : 03510-02
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

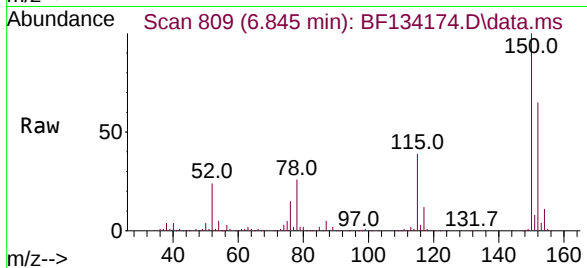
Quant Time: Jul 09 07:07:38 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 30 18:35:29 2023
Response via : Initial Calibration



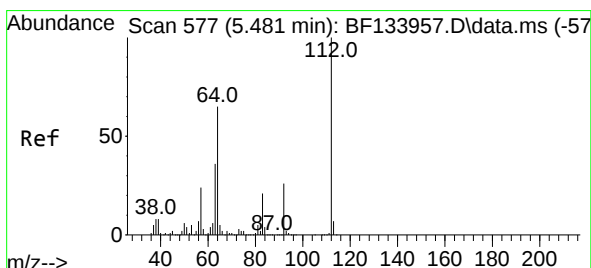
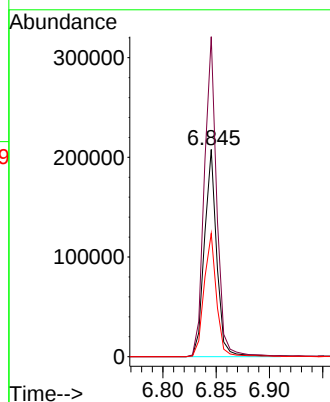
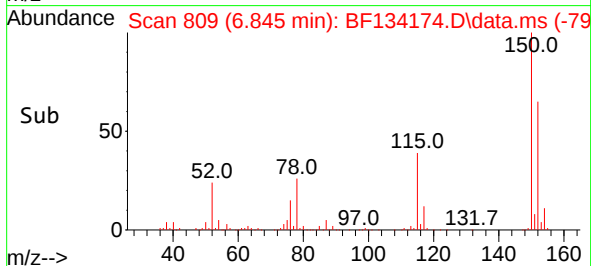


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF134174.D
Acq: 09 Jul 2023 06:39

Instrument :
BNA_F
ClientSampleId :

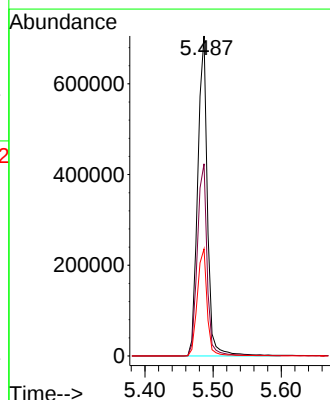
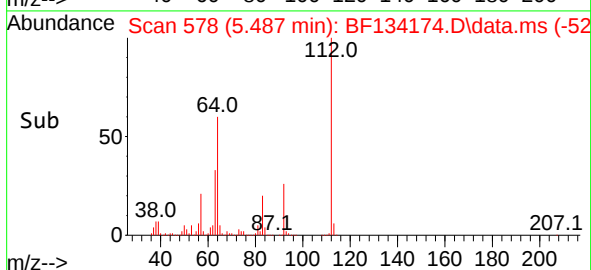
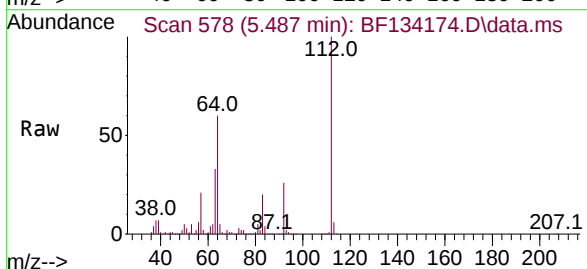


Tgt Ion:152 Resp: 168289
Ion Ratio Lower Upper
152 100
150 154.4 124.5 186.7
115 59.5 50.2 75.2



#5
2-Fluorophenol
Concen: 68.992 ng
RT: 5.487 min Scan# 578
Delta R.T. -0.000 min
Lab File: BF134174.D
Acq: 09 Jul 2023 06:39

Tgt Ion:112 Resp: 694097
Ion Ratio Lower Upper
112 100
64 60.1 52.1 78.1
63 33.5 28.6 42.8

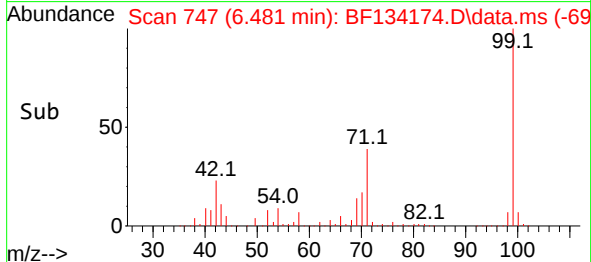
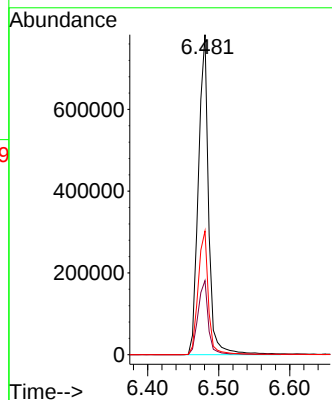
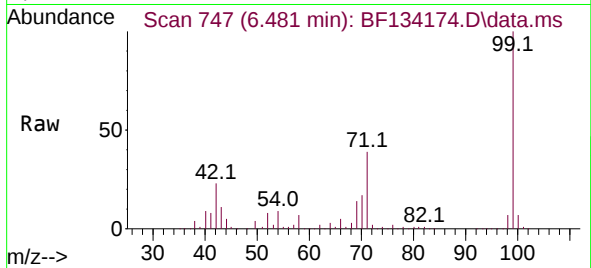




#7
Phenol-d6
Concen: 63.562 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF134174.D
Acq: 09 Jul 2023 06:39

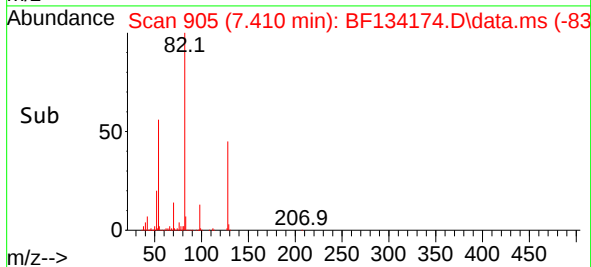
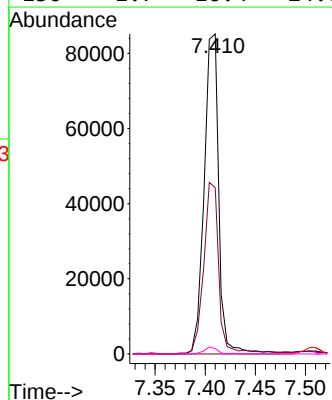
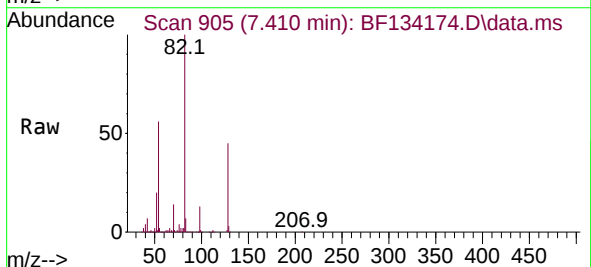
Instrument :
BNA_F
ClientSampleId :

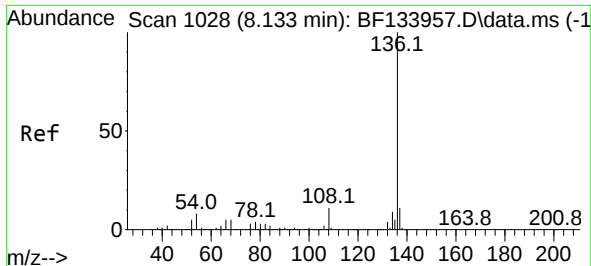
Tgt Ion: 99 Resp: 786420
Ion Ratio Lower Upper
99 100
42 23.2 19.8 29.6
71 38.7 31.9 47.9



#19
n-Nitroso-di-n-propylamine
Concen: 11.064 ng
RT: 7.410 min Scan# 905
Delta R.T. 0.141 min
Lab File: BF134174.D
Acq: 09 Jul 2023 06:39

Tgt Ion: 70 Resp: 86812
Ion Ratio Lower Upper
70 100
42 52.0 54.7 82.1#
101 0.0 7.7 11.5#
130 1.7 16.4 24.6#



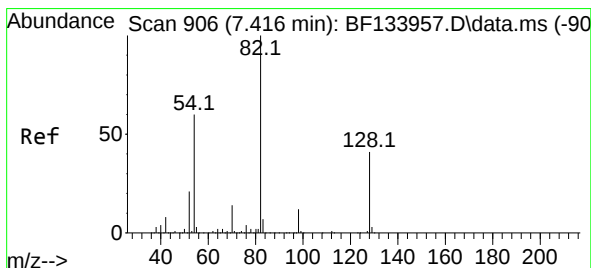
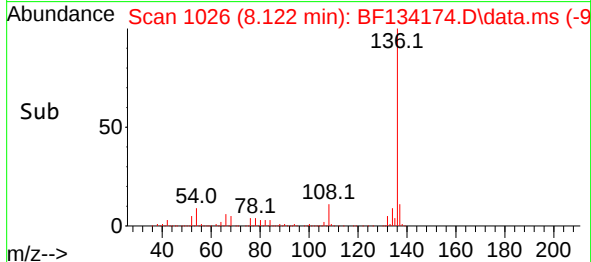
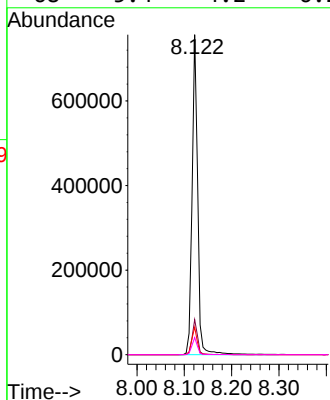
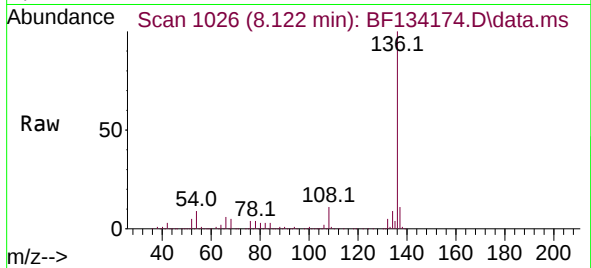


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.012 min
Lab File: BF134174.D
Acq: 09 Jul 2023 06:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 620291

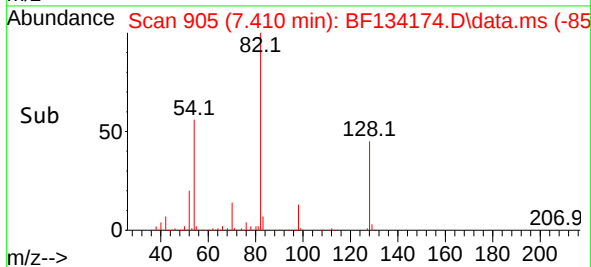
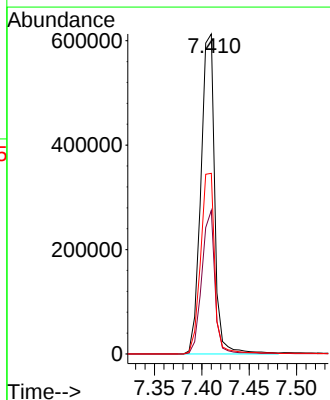
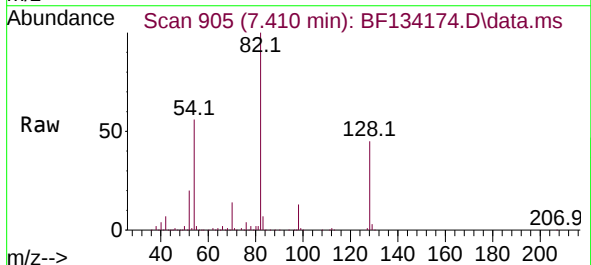
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	12.8
54	8.6	6.5	9.7
68	5.4	4.2	6.2

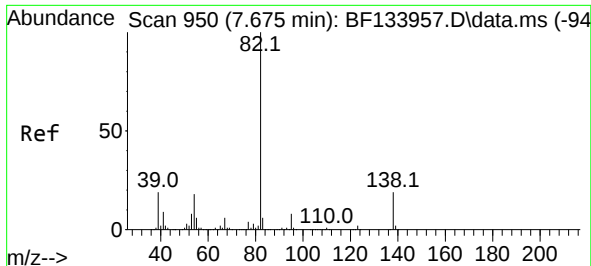


#23
Nitrobenzene-d5
Concen: 54.169 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.012 min
Lab File: BF134174.D
Acq: 09 Jul 2023 06:39

Tgt Ion: 82 Resp: 623321

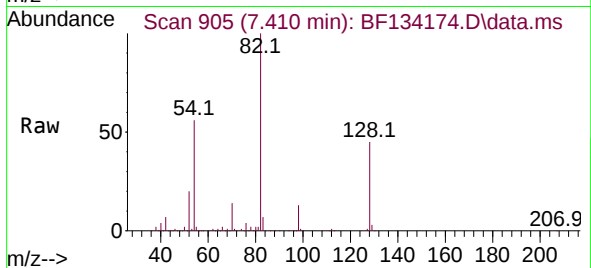
Ion	Ratio	Lower	Upper
82	100		
128	44.8	32.5	48.7
54	56.5	48.2	72.2



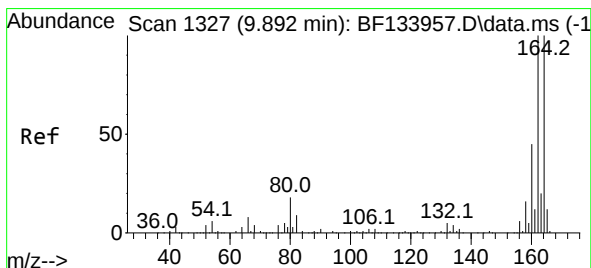
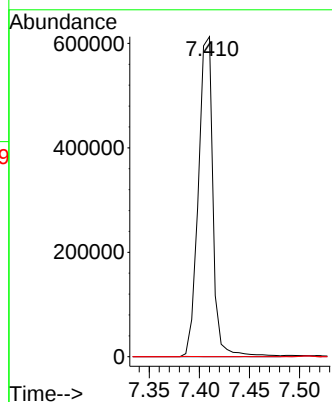
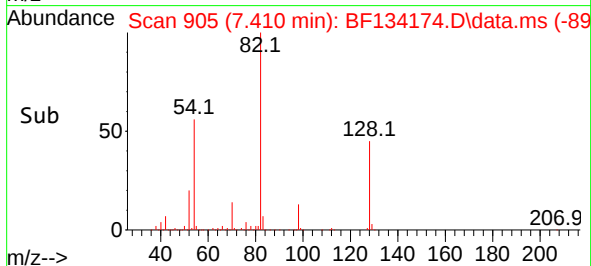


#25
Isophorone
Concen: 29.805 ng
RT: 7.410 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF134174.D
Acq: 09 Jul 2023 06:39

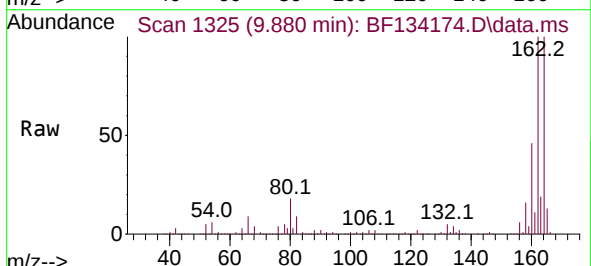
Instrument :
BNA_F
ClientSampleId :



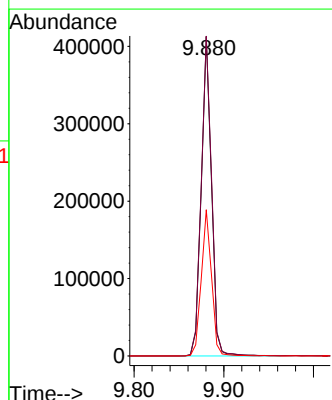
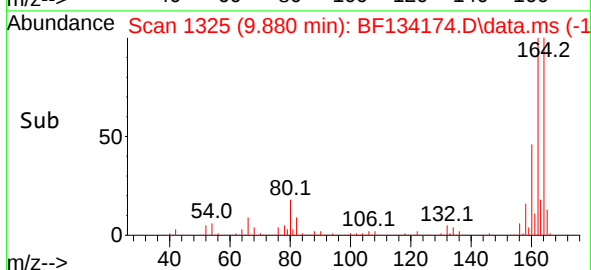
Tgt Ion: 82 Resp: 623310
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 15.2 22.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.012 min
Lab File: BF134174.D
Acq: 09 Jul 2023 06:39



Tgt Ion:164 Resp: 325655
Ion Ratio Lower Upper
164 100
162 100.2 80.0 120.0
160 45.8 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 82.228 ng

RT: 10.675 min Scan# 1460

Delta R.T. -0.012 min

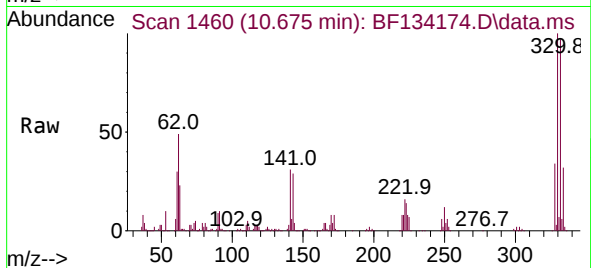
Lab File: BF134174.D

Acq: 09 Jul 2023 06:39

Instrument :

BNA_F

ClientSampleId :



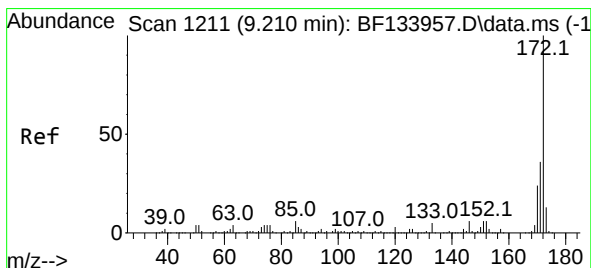
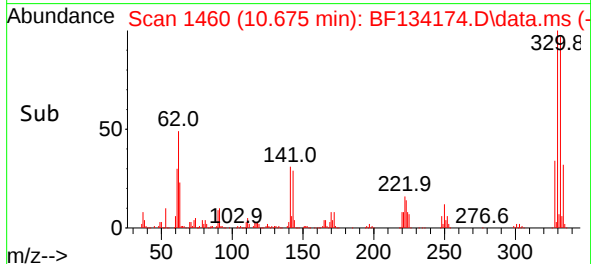
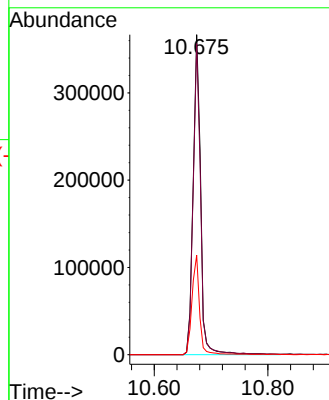
Tgt Ion:330 Resp: 335743

Ion Ratio Lower Upper

330 100

332 96.4 77.0 115.6

141 31.4 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 51.491 ng

RT: 9.204 min Scan# 1210

Delta R.T. -0.006 min

Lab File: BF134174.D

Acq: 09 Jul 2023 06:39

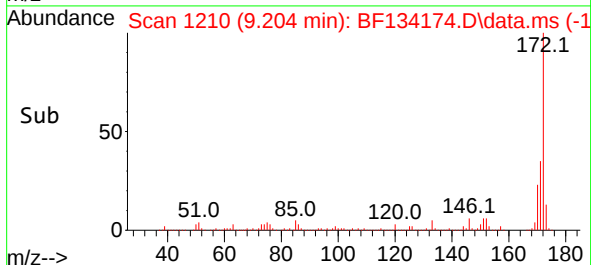
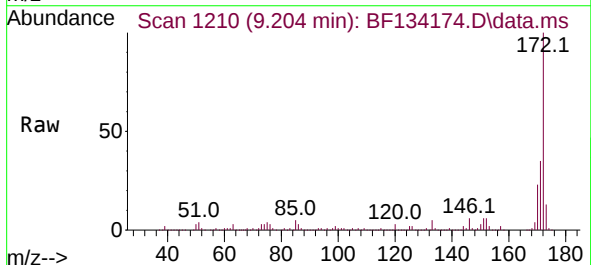
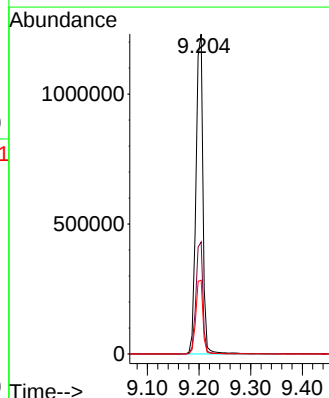
Tgt Ion:172 Resp: 1153340

Ion Ratio Lower Upper

172 100

171 35.0 28.6 43.0

170 23.0 19.4 29.0

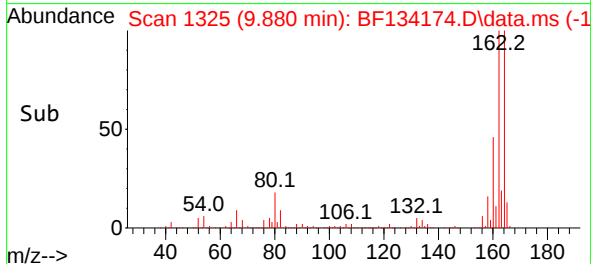
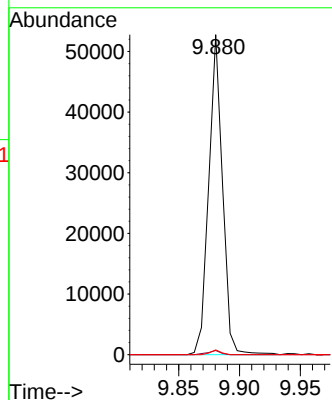
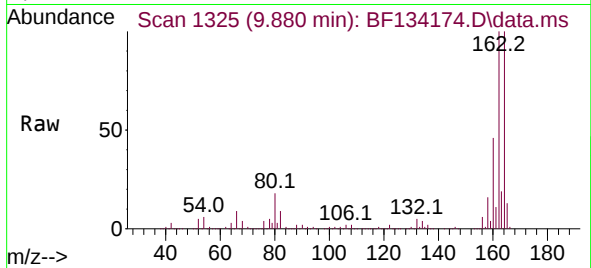




#51
2,6-Dinitrotoluene
Concen: 8.152 ng
RT: 9.880 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF134174.D
Acq: 09 Jul 2023 06:39

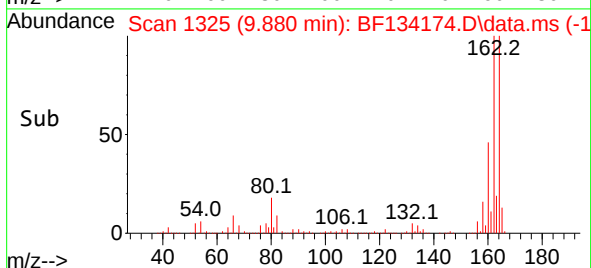
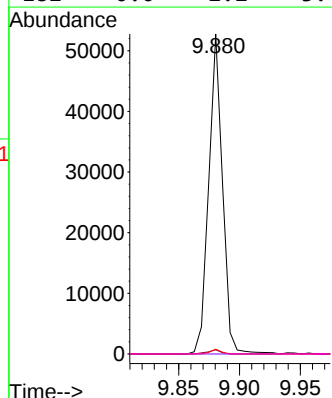
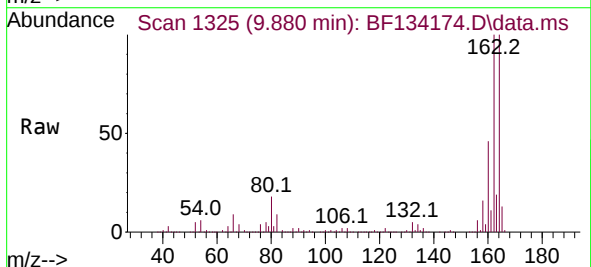
Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 41508
Ion Ratio Lower Upper
165 100
63 1.3 48.5 72.7#
89 1.5 45.5 68.3#



#57
2,4-Dinitrotoluene
Concen: 6.173 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.206 min
Lab File: BF134174.D
Acq: 09 Jul 2023 06:39

Tgt Ion:165 Resp: 41508
Ion Ratio Lower Upper
165 100
63 1.3 42.2 63.2#
89 1.5 57.4 86.2#
182 0.0 2.2 3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.374 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF134174.D

Acq: 09 Jul 2023 06:39

Instrument :

BNA_F

ClientSampleId :

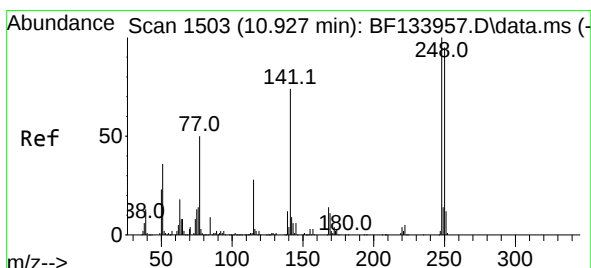
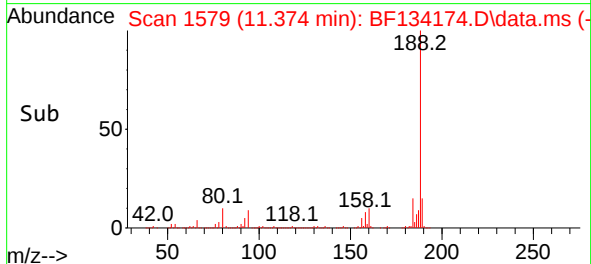
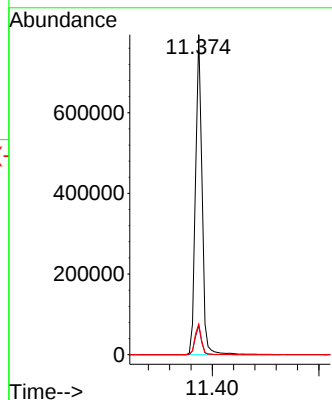
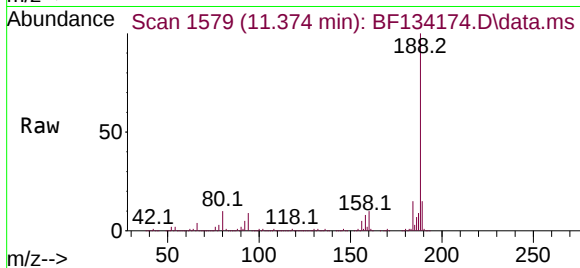
Tgt Ion:188 Resp: 678547

Ion Ratio Lower Upper

188 100

94 9.0 6.4 9.6

80 9.6 7.3 10.9



#67

4-Bromophenyl-phenylether

Concen: 2.794 ng

RT: 10.675 min Scan# 1460

Delta R.T. -0.253 min

Lab File: BF134174.D

Acq: 09 Jul 2023 06:39

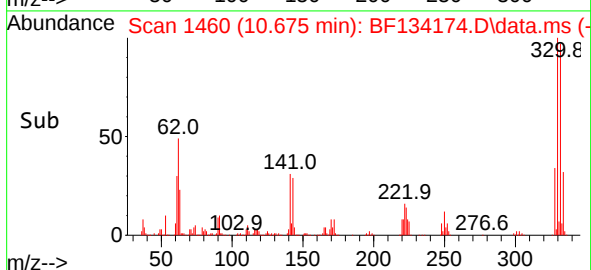
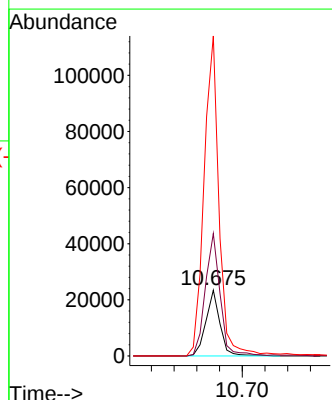
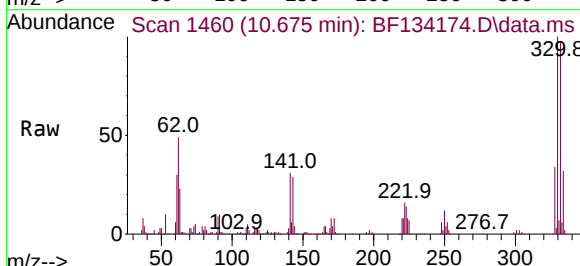
Tgt Ion:248 Resp: 20151

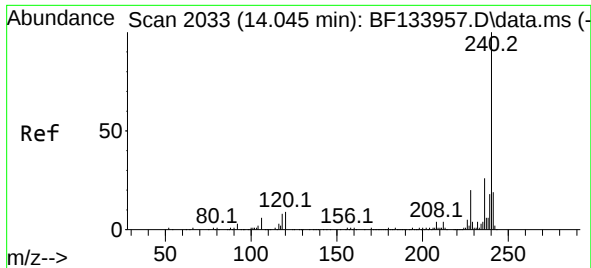
Ion Ratio Lower Upper

248 100

250 186.1 76.2 114.4#

141 486.4 59.0 88.4#

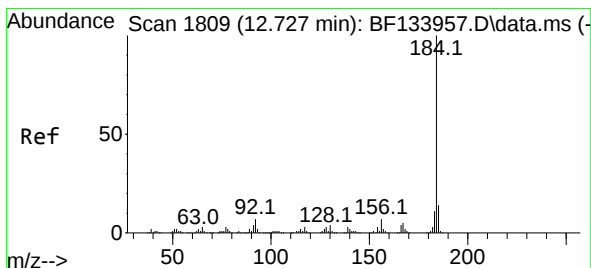
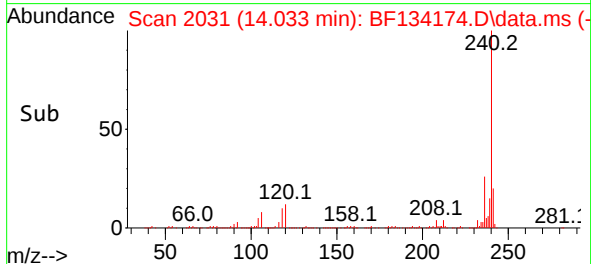
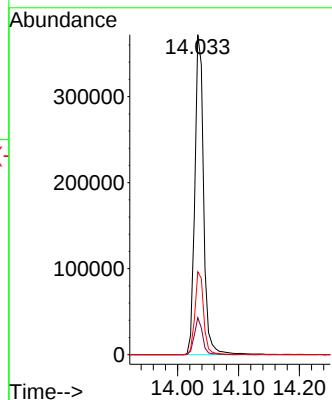
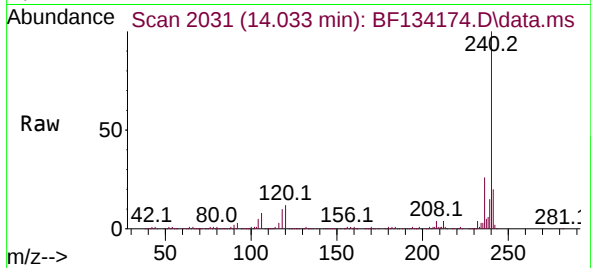




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2033
Delta R.T. -0.018 min
Lab File: BF134174.D
Acq: 09 Jul 2023 06:39

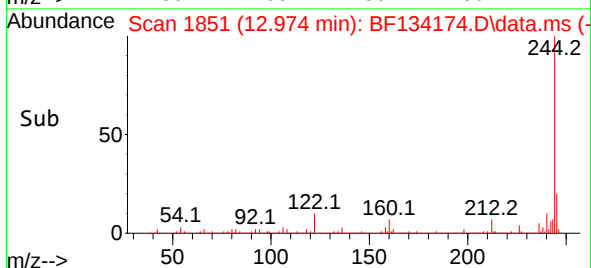
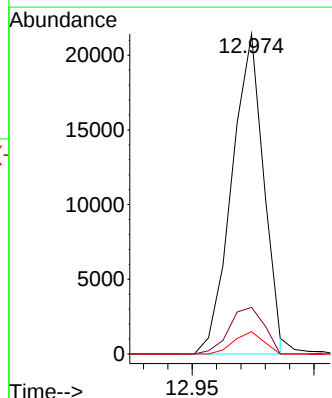
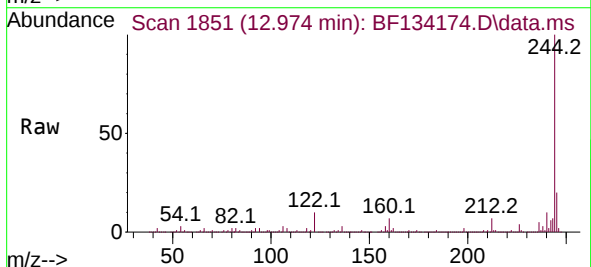
Instrument :
BNA_F
ClientSampleId :

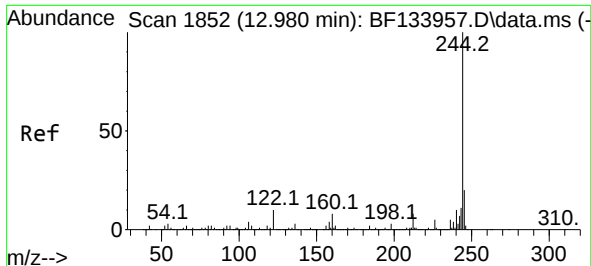
Tgt Ion:240 Resp: 373581
Ion Ratio Lower Upper
240 100
120 11.5 7.4 11.0#
236 25.9 21.0 31.6



#77
Benzidine
Concen: 2.190 ng
RT: 12.974 min Scan# 1851
Delta R.T. 0.247 min
Lab File: BF134174.D
Acq: 09 Jul 2023 06:39

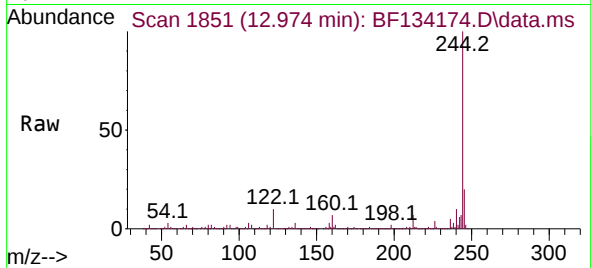
Tgt Ion:184 Resp: 19468
Ion Ratio Lower Upper
184 100
185 14.5 11.6 17.4
183 7.0 8.8 13.2#



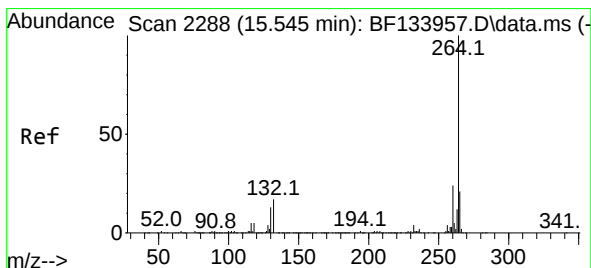
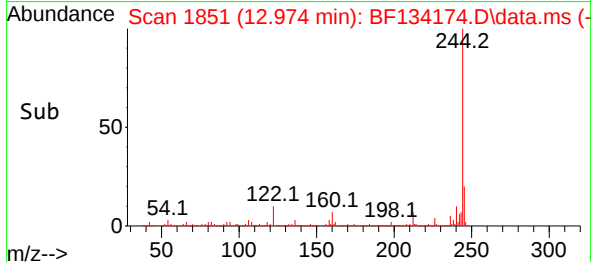
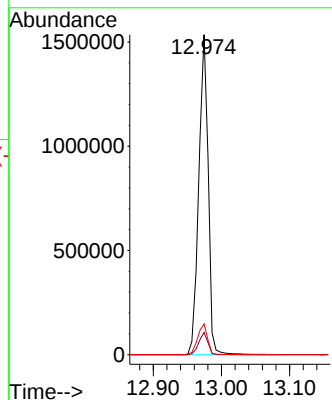


#79
 Terphenyl-d14
 Concen: 63.344 ng
 RT: 12.974 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF134174.D
 Acq: 09 Jul 2023 06:39

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:244 Resp: 1470347
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 9.6 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 2287
 Delta R.T. -0.012 min
 Lab File: BF134174.D
 Acq: 09 Jul 2023 06:39

Tgt Ion:264 Resp: 334539
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.5 29.3
 265 22.0 16.6 25.0

