

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052423\
 Data File : BF133475.D
 Acq On : 24 May 2023 17:30
 Operator : CG\JU
 Sample : 02894-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-50A

Quant Time: May 24 17:49:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 24 02:41:39 2023
 Response via : Initial Calibration

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

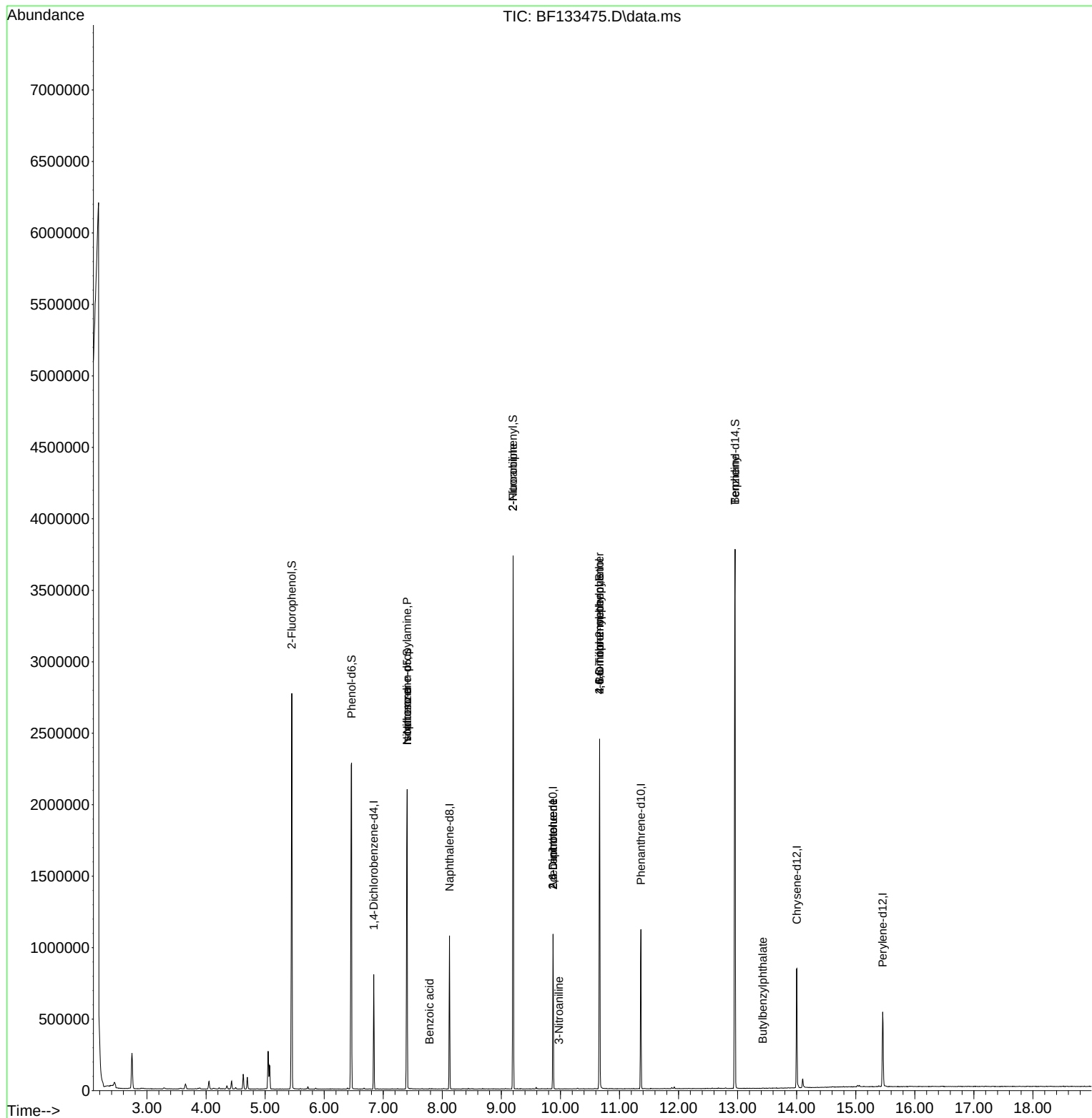
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	98574	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	383836	20.000	ng	0.00
39) Acenaphthene-d10	9.874	164	185501	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	375321	20.000	ng	0.00
76) Chrysene-d12	14.004	240	285163	20.000	ng	0.00
86) Perylene-d12	15.456	264	223722	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	708021	117.410	ng	0.00
7) Phenol-d6	6.463	99	802828	110.746	ng	0.00
23) Nitrobenzene-d5	7.404	82	569485	102.574	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	261510	152.611	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1069006	81.078	ng	0.00
79) Terphenyl-d14	12.957	244	1378021	92.391	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	7.404	70	80004	17.634	ng	# 78
25) Isophorone	7.404	82	569479	43.591	ng	# 66
32) Benzoic acid	7.786	122	419	6.433	ng	# 79
48) 2-Nitroaniline	9.198	65	1758	5.959	ng	# 1
51) 2,6-Dinitrotoluene	9.874	165	24161	13.565	ng	# 15
53) 3-Nitroaniline	9.974	138	62	3.642	ng	# 4
57) 2,4-Dinitrotoluene	9.874	165	24161	12.838	ng	# 17
65) 4,6-Dinitro-2-methylph...	10.663	198	636	8.674	ng	# 1
67) 4-Bromophenyl-phenylether	10.663	248	16021	4.070	ng	# 1
77) Benzidine	12.957	184	20637	3.037	ng	# 96
80) Butylbenzylphthalate	13.427	149	664	3.442	ng	# 77

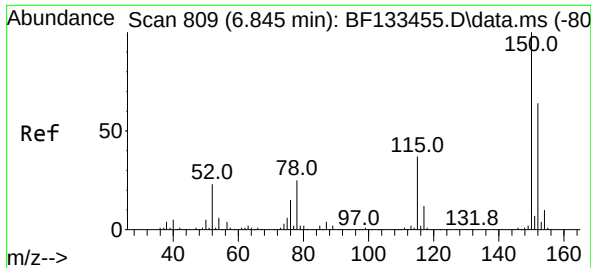
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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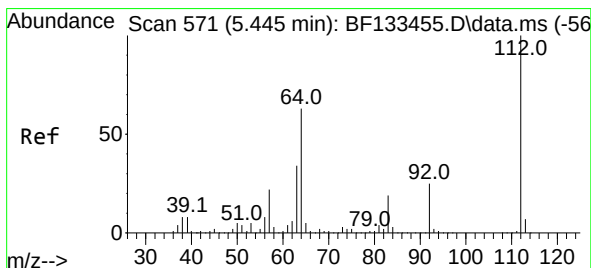
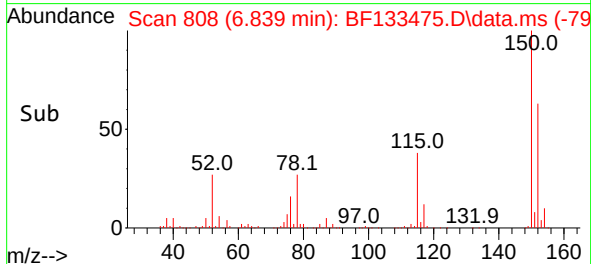
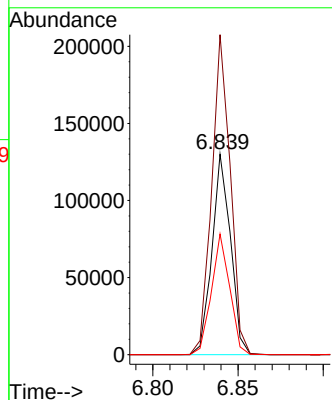
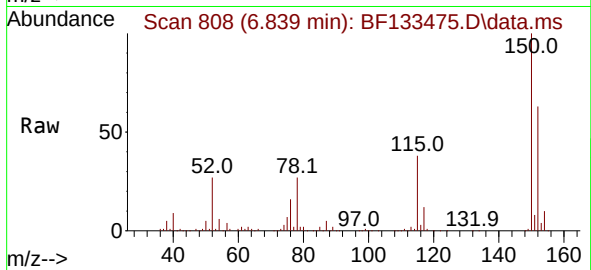




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 809
Delta R.T. -0.006 min
Lab File: BF133475.D
Acq: 24 May 2023 17:30

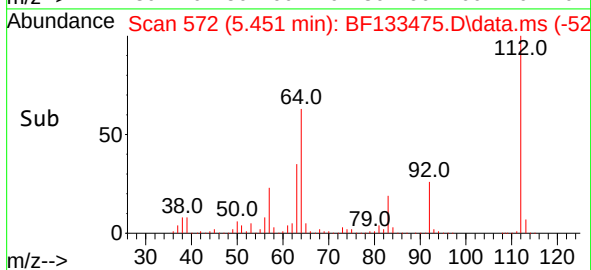
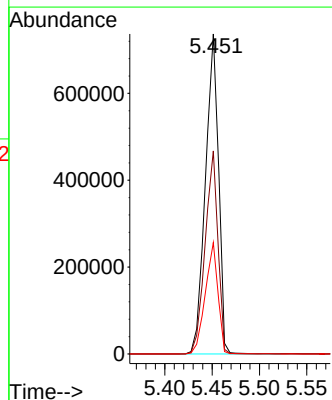
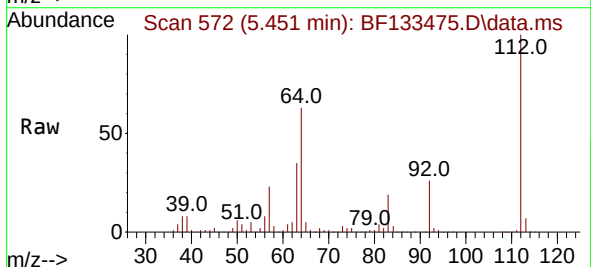
Instrument :
BNA_F
ClientSampleId :
TP-50A

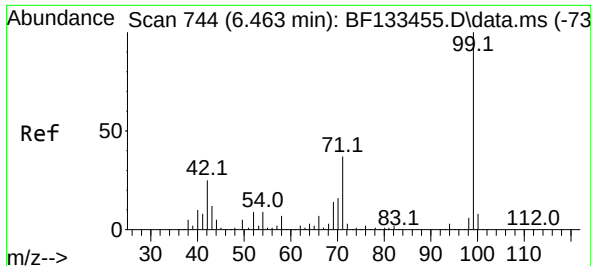
Tgt Ion:152 Resp: 98574
Ion Ratio Lower Upper
152 100
150 159.6 125.6 188.4
115 60.2 47.0 70.4



#5
2-Fluorophenol
Concen: 117.410 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.006 min
Lab File: BF133475.D
Acq: 24 May 2023 17:30

Tgt Ion:112 Resp: 708021
Ion Ratio Lower Upper
112 100
64 63.5 50.2 75.4
63 34.8 27.2 40.8

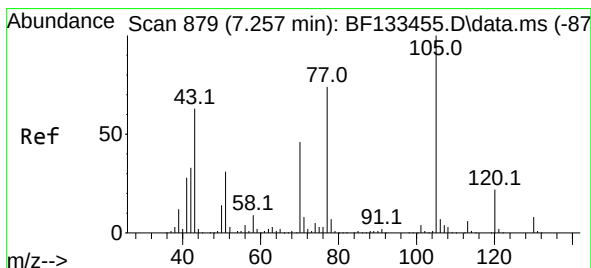
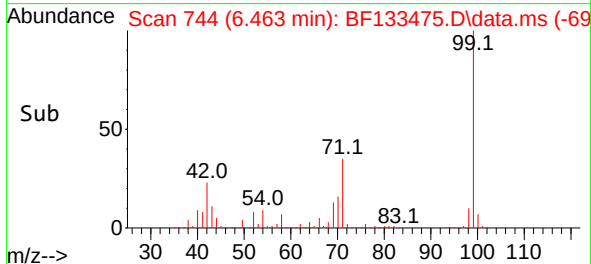
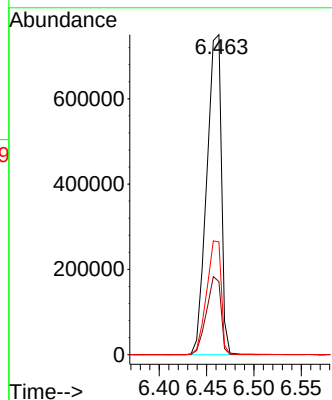
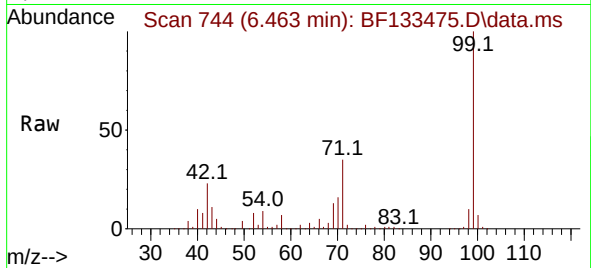




#7
Phenol-d6
Concen: 110.746 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.000 min
Lab File: BF133475.D
Acq: 24 May 2023 17:30

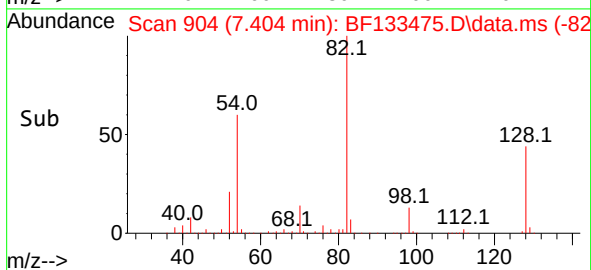
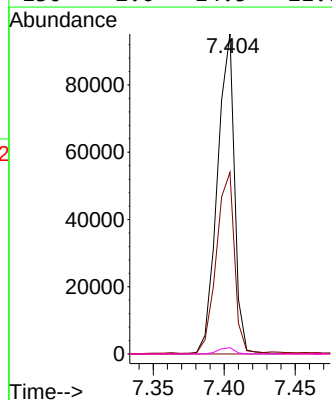
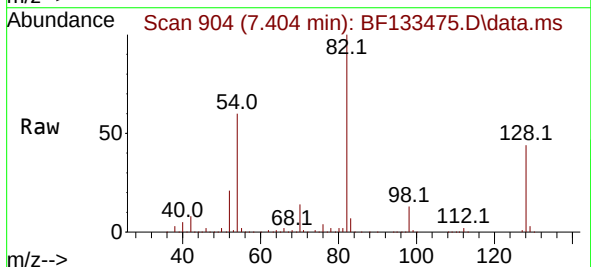
Instrument :
BNA_F
ClientSampleId :
TP-50A

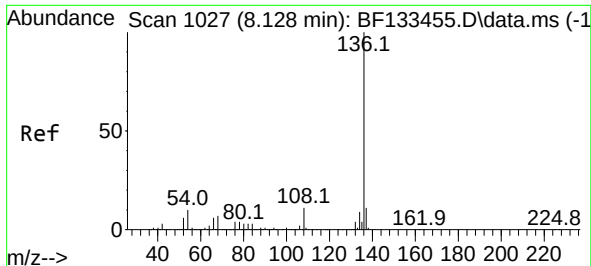
Tgt Ion: 99 Resp: 802828
Ion Ratio Lower Upper
99 100
42 22.9 19.6 29.4
71 35.3 29.5 44.3



#19
n-Nitroso-di-n-propylamine
Concen: 17.634 ng
RT: 7.404 min Scan# 904
Delta R.T. 0.147 min
Lab File: BF133475.D
Acq: 24 May 2023 17:30

Tgt Ion: 70 Resp: 80004
Ion Ratio Lower Upper
70 100
42 56.7 57.7 86.5#
101 0.0 7.6 11.4#
130 2.0 14.5 21.7#

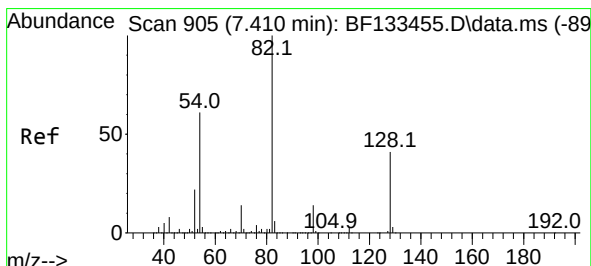
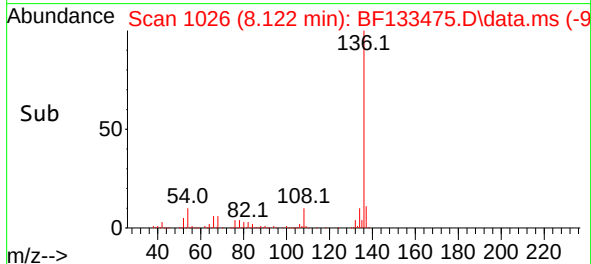
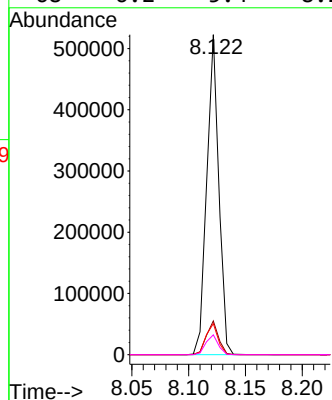
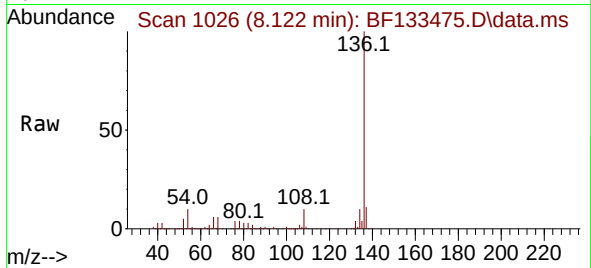




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF133475.D
Acq: 24 May 2023 17:30

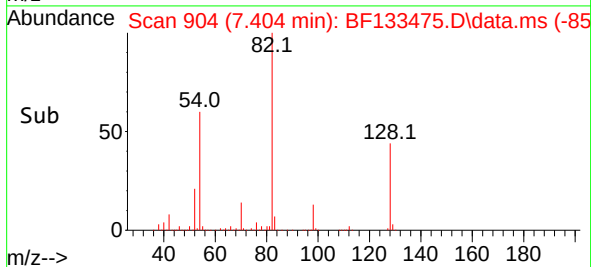
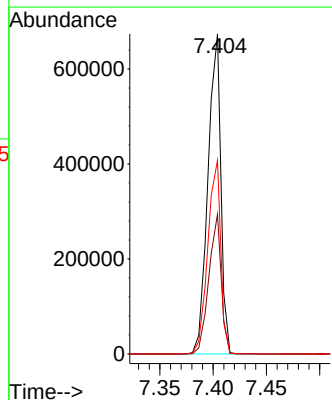
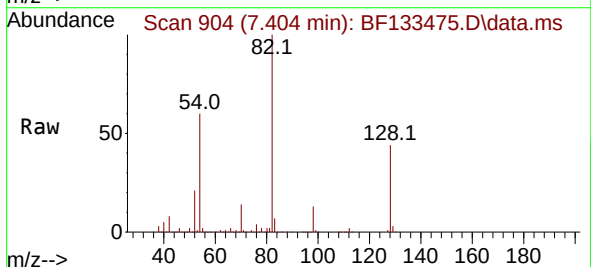
Instrument :
BNA_F
ClientSampleId :
TP-50A

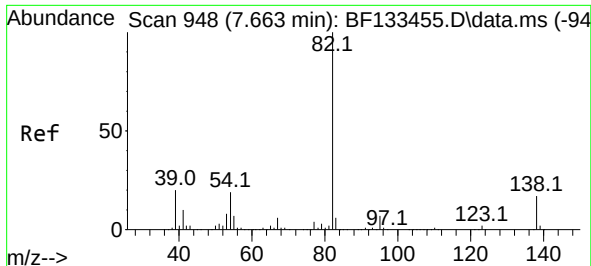
Tgt Ion:136 Resp: 383836
Ion Ratio Lower Upper
136 100
137 10.5 8.8 13.2
54 9.7 8.0 12.0
68 6.2 5.4 8.2



#23
Nitrobenzene-d5
Concen: 102.574 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF133475.D
Acq: 24 May 2023 17:30

Tgt Ion: 82 Resp: 569485
Ion Ratio Lower Upper
82 100
128 43.7 33.0 49.6
54 60.5 48.5 72.7

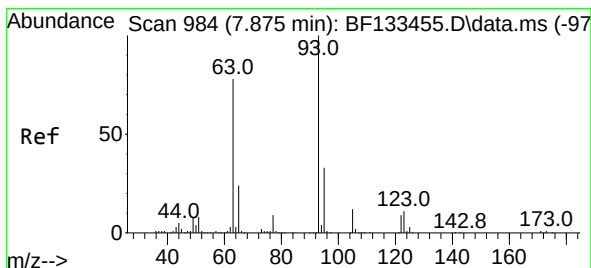
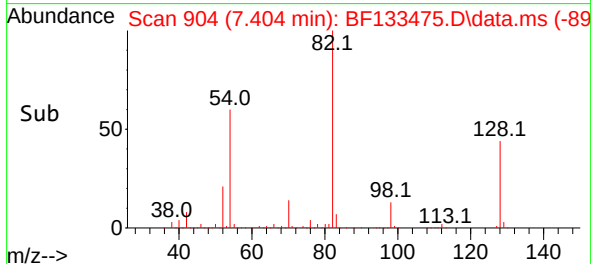
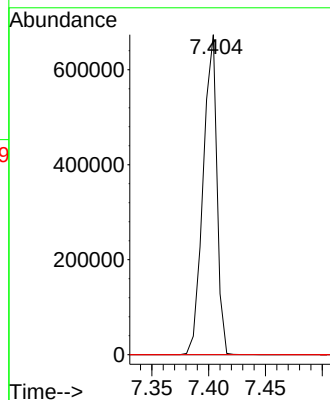
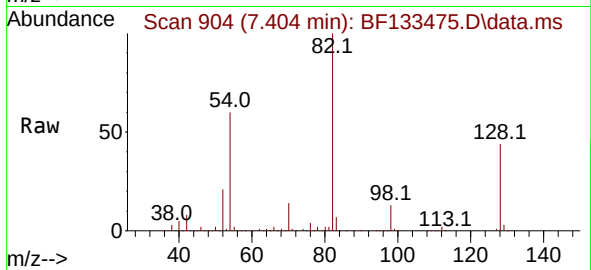




#25
Isophorone
Concen: 43.591 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF133475.D
Acq: 24 May 2023 17:30

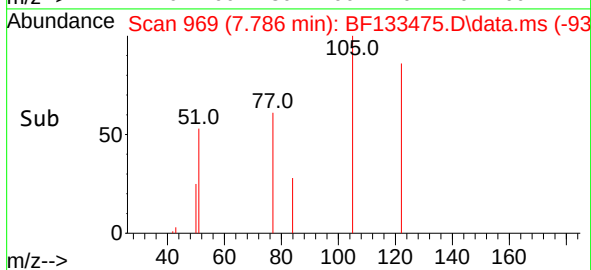
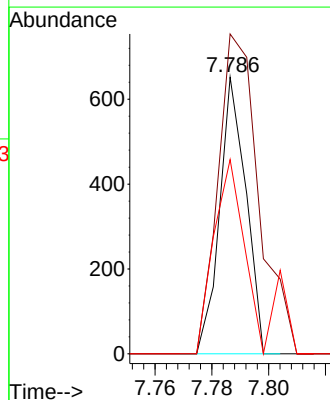
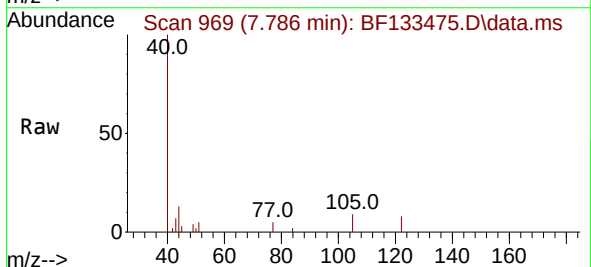
Instrument :
BNA_F
ClientSampleId :
TP-50A

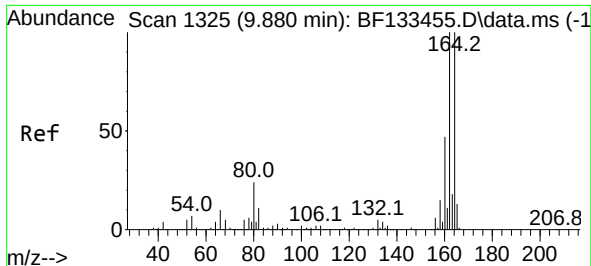
Tgt Ion: 82 Resp: 569479
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.5 20.3#



#32
Benzoic acid
Concen: 6.433 ng
RT: 7.786 min Scan# 969
Delta R.T. -0.089 min
Lab File: BF133475.D
Acq: 24 May 2023 17:30

Tgt Ion:122 Resp: 419
Ion Ratio Lower Upper
122 100
105 115.6 111.2 151.2
77 70.2 82.0 122.0#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.874 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF133475.D

Acq: 24 May 2023 17:30

Instrument :

BNA_F

ClientSampleId :

TP-50A

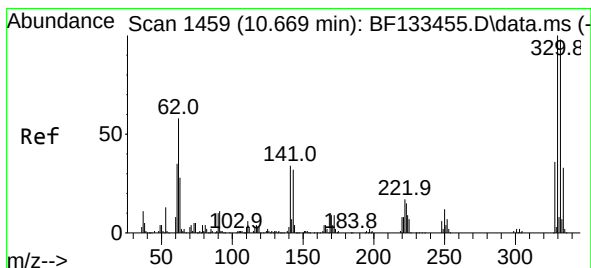
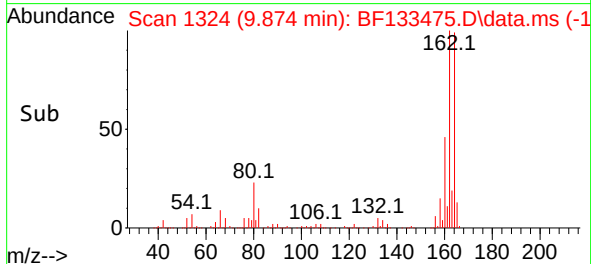
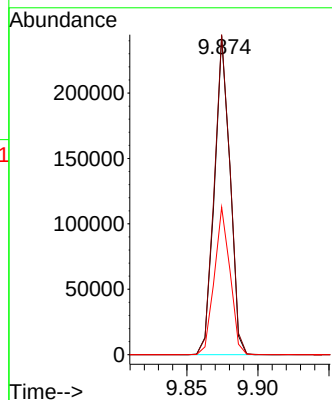
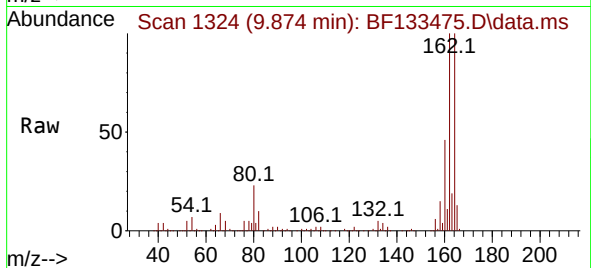
Tgt Ion:164 Resp: 185501

Ion Ratio Lower Upper

164 100

162 100.5 79.8 119.6

160 46.3 37.4 56.0



#42

2,4,6-Tribromophenol

Concen: 152.611 ng

RT: 10.663 min Scan# 1458

Delta R.T. -0.006 min

Lab File: BF133475.D

Acq: 24 May 2023 17:30

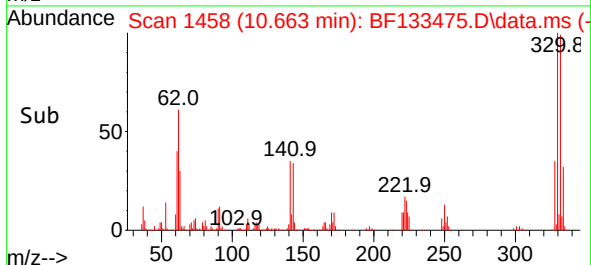
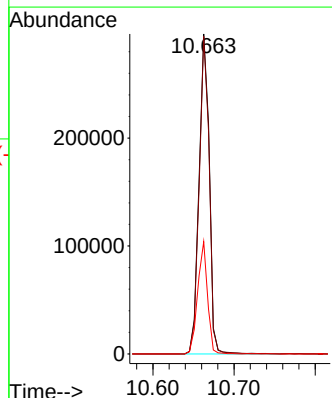
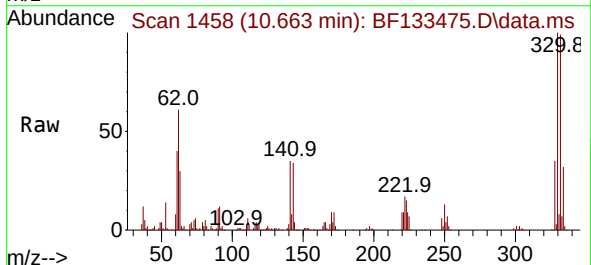
Tgt Ion:330 Resp: 261510

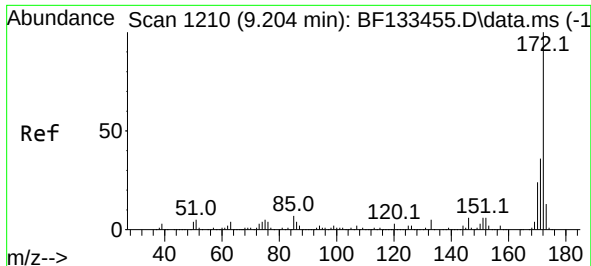
Ion Ratio Lower Upper

330 100

332 97.0 77.0 115.6

141 33.7 28.5 42.7





#45

2-Fluorobiphenyl

Concen: 81.078 ng

RT: 9.198 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF133475.D

Acq: 24 May 2023 17:30

Instrument :

BNA_F

ClientSampleId :

TP-50A

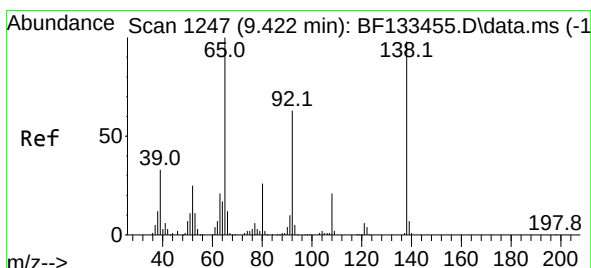
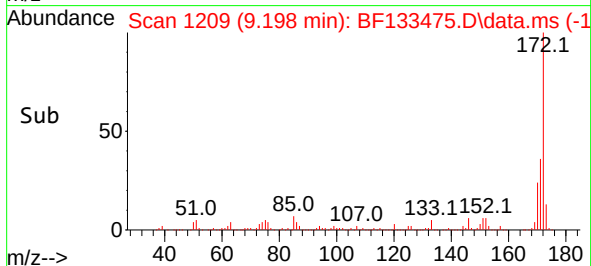
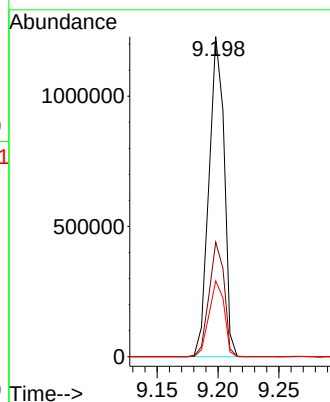
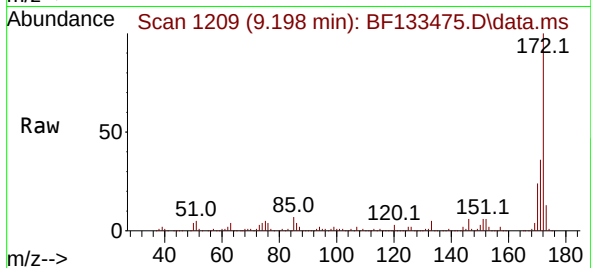
Tgt Ion:172 Resp: 1069006

Ion Ratio Lower Upper

172 100

171 35.8 28.5 42.7

170 23.7 19.0 28.4



#48

2-Nitroaniline

Concen: 5.959 ng

RT: 9.198 min Scan# 1209

Delta R.T. -0.224 min

Lab File: BF133475.D

Acq: 24 May 2023 17:30

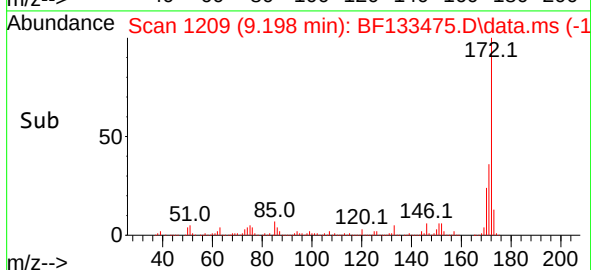
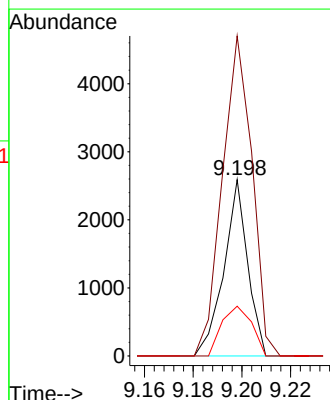
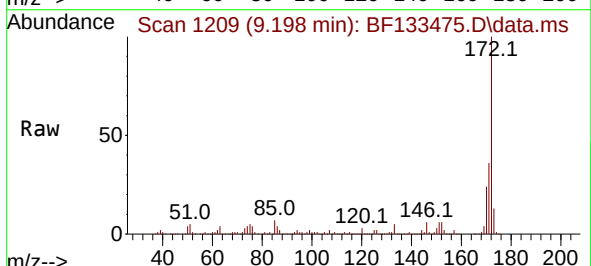
Tgt Ion: 65 Resp: 1758

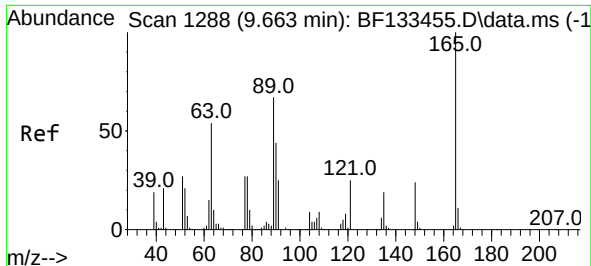
Ion Ratio Lower Upper

65 100

92 181.5 50.1 75.1#

138 28.3 78.6 118.0#





#51

2,6-Dinitrotoluene

Concen: 13.565 ng

RT: 9.874 min Scan# 1341

Delta R.T. 0.211 min

Lab File: BF133475.D

Acq: 24 May 2023 17:30

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TP-50A

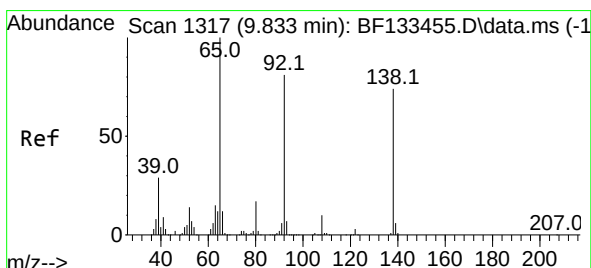
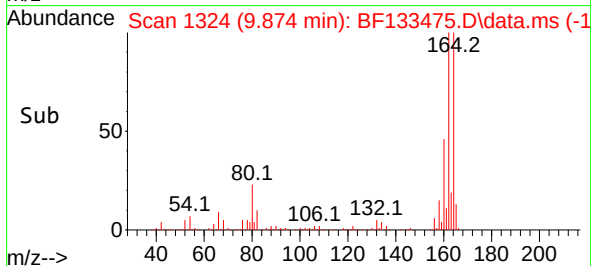
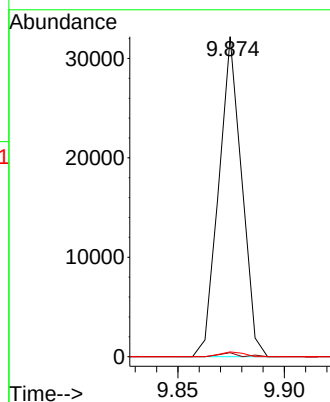
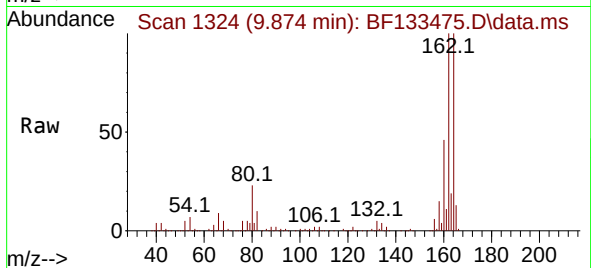
Tgt Ion:165 Resp: 24161

Ion Ratio Lower Upper

165 100

63 1.3 61.0 91.4#

89 1.5 53.5 80.3#



#53

3-Nitroaniline

Concen: 3.642 ng

RT: 9.974 min Scan# 1341

Delta R.T. 0.141 min

Lab File: BF133475.D

Acq: 24 May 2023 17:30

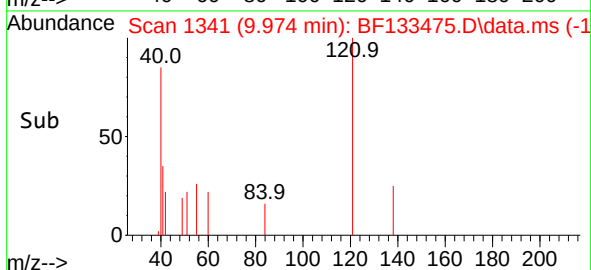
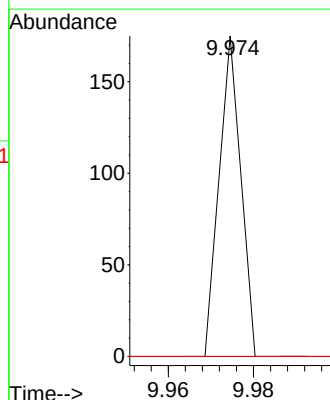
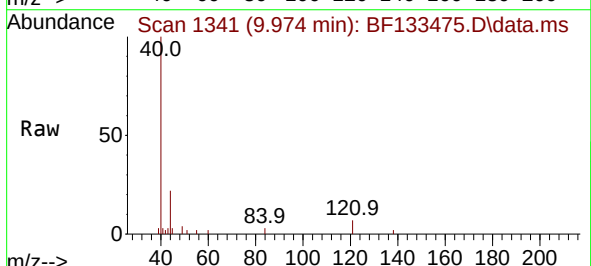
Tgt Ion:138 Resp: 62

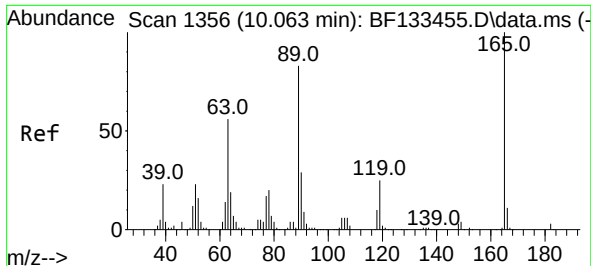
Ion Ratio Lower Upper

138 100

108 0.0 11.4 17.0#

92 0.0 88.4 132.6#

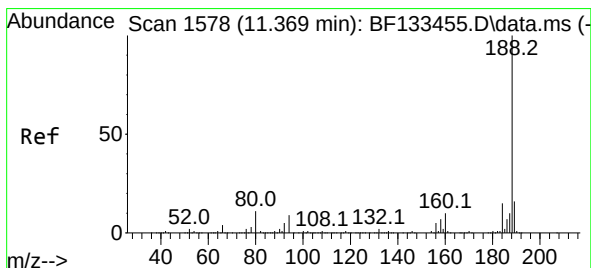
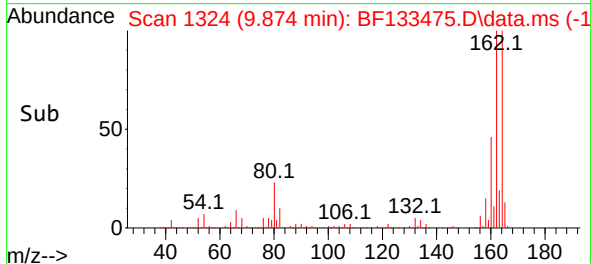
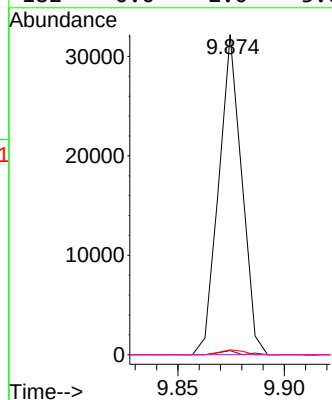
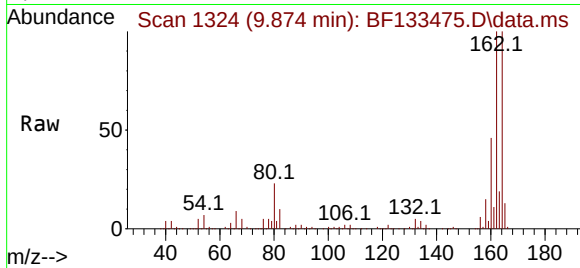




#57
2,4-Dinitrotoluene
Concen: 12.838 ng
RT: 9.874 min Scan# 11
Delta R.T. -0.189 min
Lab File: BF133475.D
Acq: 24 May 2023 17:30

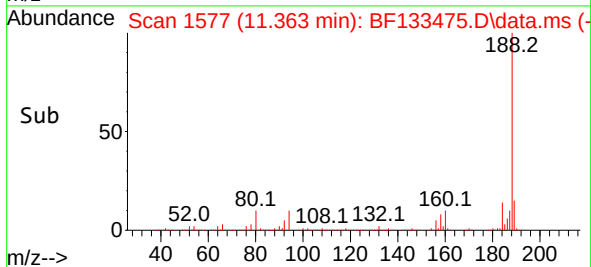
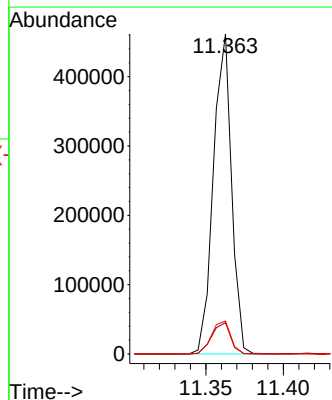
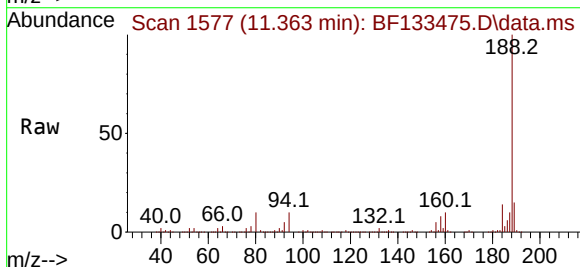
Instrument :
BNA_F
ClientSampleId :
TP-50A

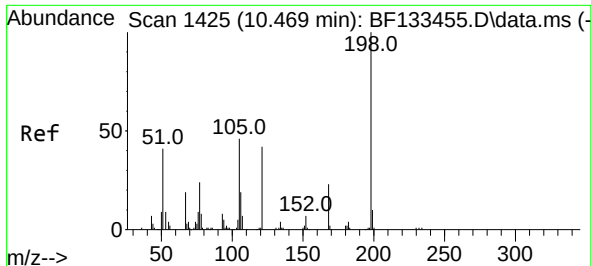
Tgt Ion:165 Resp: 24161
Ion Ratio Lower Upper
165 100
63 1.3 45.1 67.7#
89 1.5 66.7 100.1#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BF133475.D
Acq: 24 May 2023 17:30

Tgt Ion:188 Resp: 375321
Ion Ratio Lower Upper
188 100
94 9.8 7.5 11.3
80 10.3 8.7 13.1

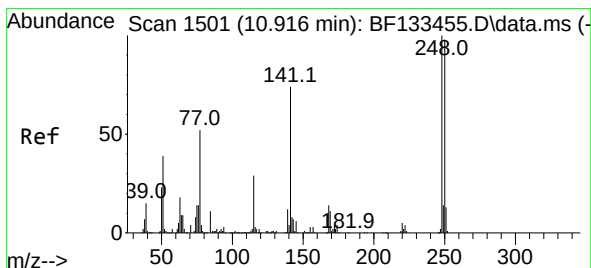
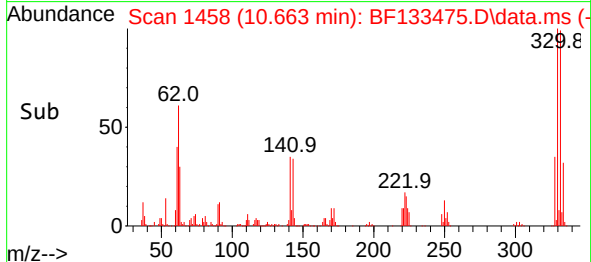
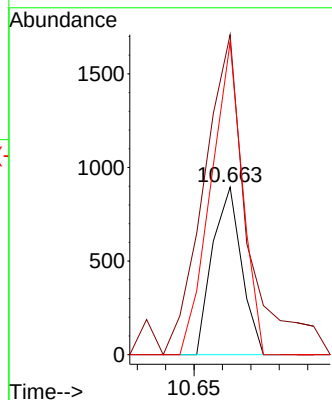
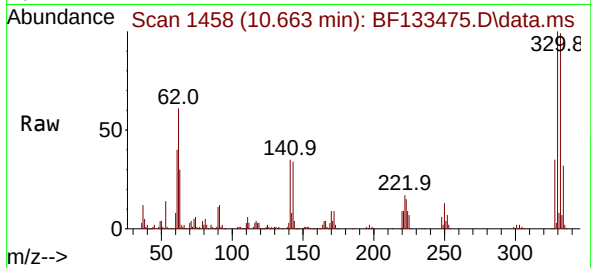




#65
4,6-Dinitro-2-methylphenol
Concen: 8.674 ng
RT: 10.663 min Scan# 1425
Delta R.T. 0.194 min
Lab File: BF133475.D
Acq: 24 May 2023 17:30

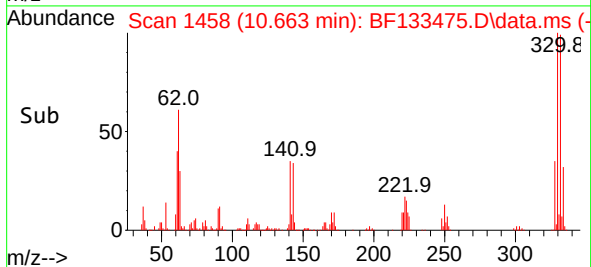
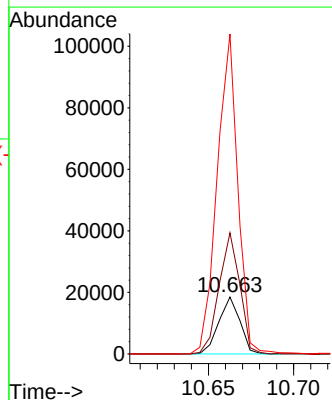
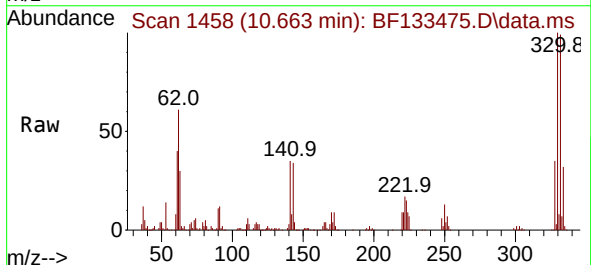
Instrument :
BNA_F
ClientSampleId :
TP-50A

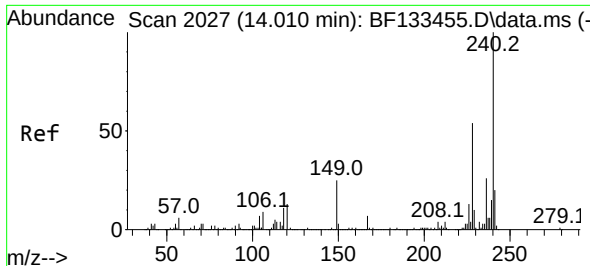
Tgt Ion:198 Resp: 636
Ion Ratio Lower Upper
198 100
51 190.9 38.5 78.5#
105 186.5 29.6 69.6#



#67
4-Bromophenyl-phenylether
Concen: 4.070 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.253 min
Lab File: BF133475.D
Acq: 24 May 2023 17:30

Tgt Ion:248 Resp: 16021
Ion Ratio Lower Upper
248 100
250 212.6 78.3 117.5#
141 561.6 59.1 88.7#

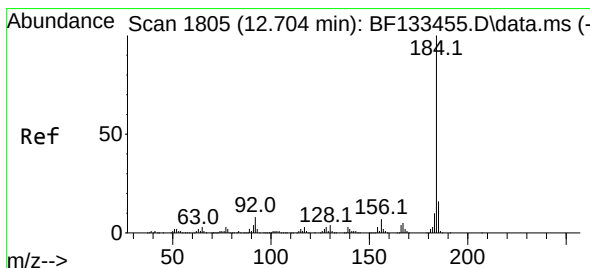
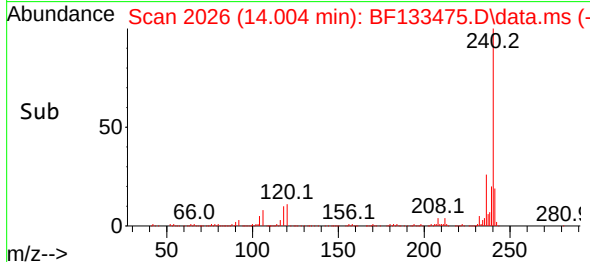
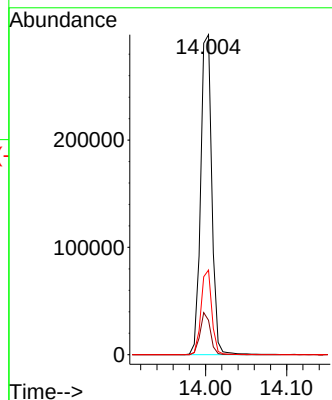
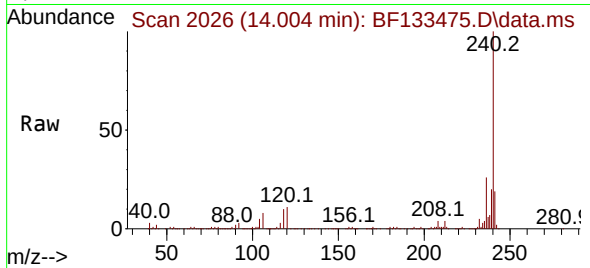




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF133475.D
Acq: 24 May 2023 17:30

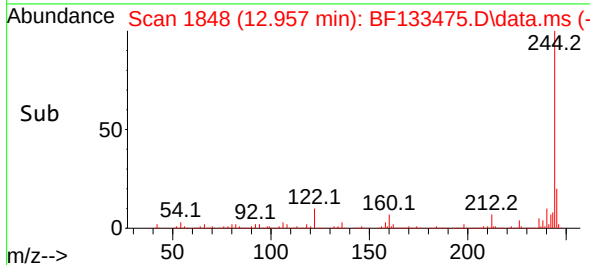
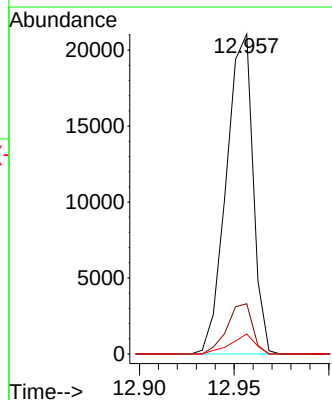
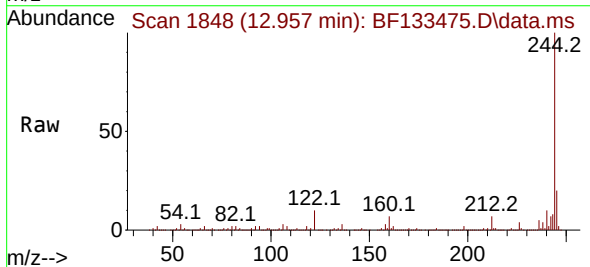
Instrument :
BNA_F
ClientSampleId :
TP-50A

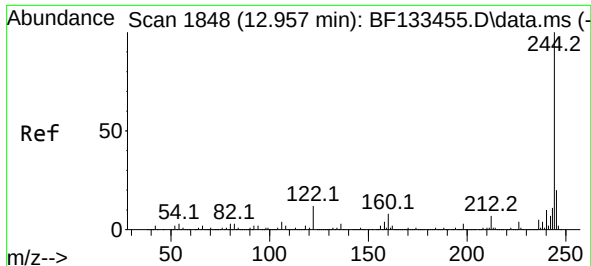
Tgt Ion:240 Resp: 285163
Ion Ratio Lower Upper
240 100
120 10.7 10.2 15.4
236 26.5 20.9 31.3



#77
Benzidine
Concen: 3.037 ng
RT: 12.957 min Scan# 1848
Delta R.T. 0.253 min
Lab File: BF133475.D
Acq: 24 May 2023 17:30

Tgt Ion:184 Resp: 20637
Ion Ratio Lower Upper
184 100
185 15.7 12.6 19.0
183 6.2 8.2 12.2#

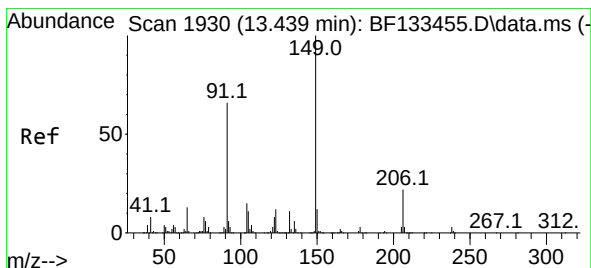
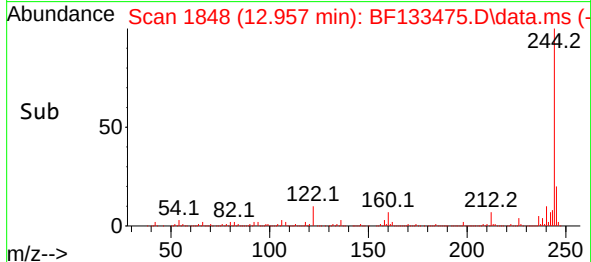
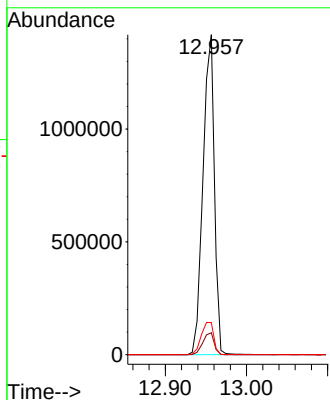
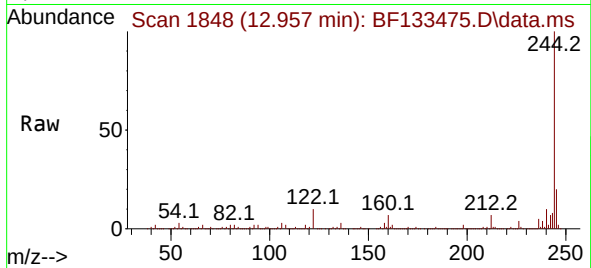




#79
 Terphenyl-d14
 Concen: 92.391 ng
 RT: 12.957 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF133475.D
 Acq: 24 May 2023 17:30

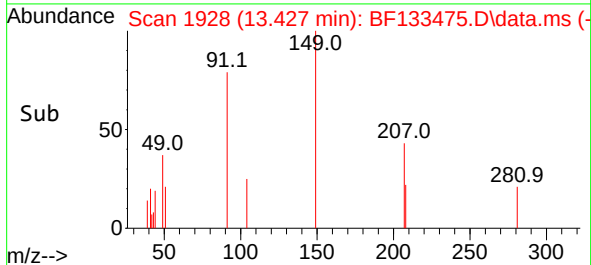
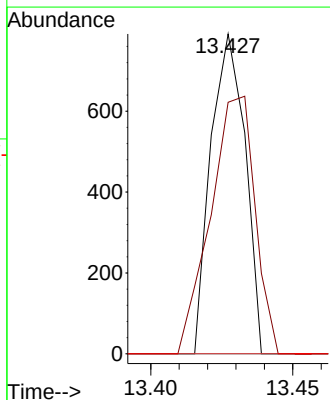
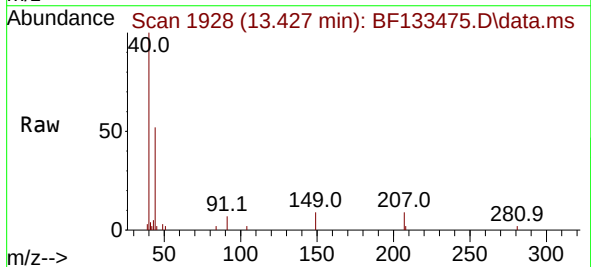
Instrument :
 BNA_F
 ClientSampleId :
 TP-50A

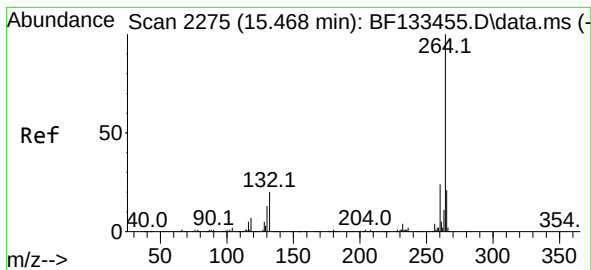
Tgt Ion:244 Resp: 1378021
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 10.1 9.4 14.0



#80
 Butylbenzylphthalate
 Concen: 3.442 ng
 RT: 13.427 min Scan# 1928
 Delta R.T. -0.012 min
 Lab File: BF133475.D
 Acq: 24 May 2023 17:30

Tgt Ion:149 Resp: 664
 Ion Ratio Lower Upper
 149 100
 91 78.6 53.1 79.7
 206 0.0 17.4 26.0#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.456 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF133475.D

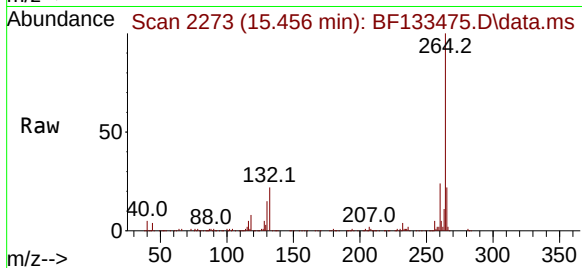
Acq: 24 May 2023 17:30

Instrument :

BNA_F

ClientSampleId :

TP-50A



Tgt Ion:264 Resp: 223722

Ion Ratio Lower Upper

264 100

260 24.1 18.8 28.2

265 22.1 17.0 25.4

