

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052423\
 Data File : BF133472.D
 Acq On : 24 May 2023 15:54
 Operator : CG\JU
 Sample : 02892-11
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-32

Quant Time: May 24 16:38:26 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)

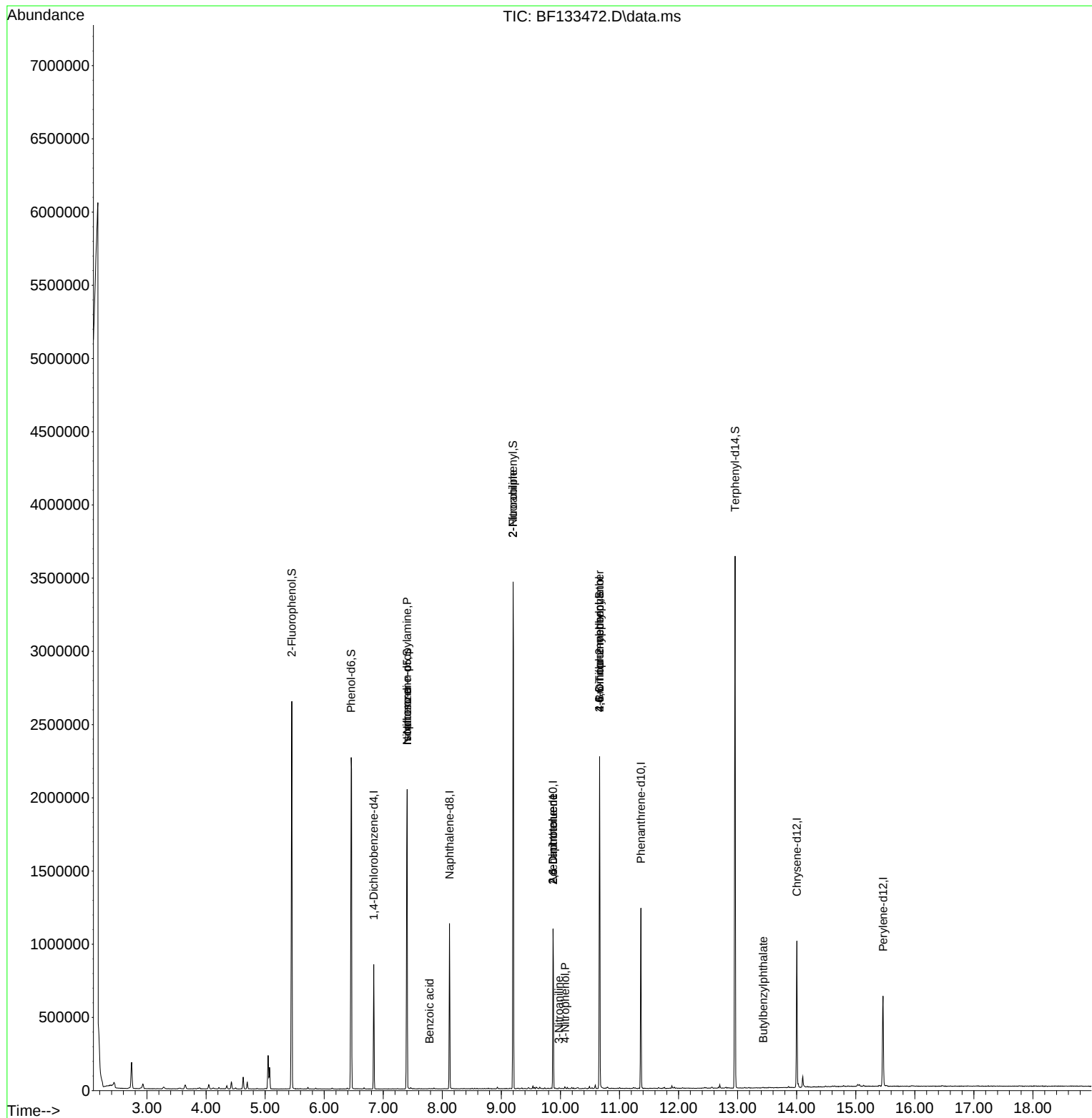
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	107049	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	411276	20.000	ng	0.00
39) Acenaphthene-d10	9.874	164	198133	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	397993	20.000	ng	0.00
76) Chrysene-d12	14.004	240	307511	20.000	ng	0.00
86) Perylene-d12	15.462	264	262737	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	688521	105.137	ng	0.00
7) Phenol-d6	6.457	99	788878	100.206	ng	0.00
23) Nitrobenzene-d5	7.404	82	553923	93.114	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	240861	131.599	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1023303	72.664	ng	0.00
79) Terphenyl-d14	12.957	244	1230165	76.484	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.404	70	77061	15.641	ng	# 80
25) Isophorone	7.404	82	553913	39.571	ng	# 66
32) Benzoic acid	7.786	122	231	6.351	ng	# 73
48) 2-Nitroaniline	9.198	65	1928	5.972	ng	# 1
51) 2,6-Dinitrotoluene	9.874	165	26178	13.697	ng	# 15
53) 3-Nitroaniline	9.974	138	250	3.696	ng	# 4
56) 4-Nitrophenol	10.080	139	299	5.388	ng	# 2
57) 2,4-Dinitrotoluene	9.874	165	26178	12.945	ng	# 17
65) 4,6-Dinitro-2-methylph...	10.663	198	558	8.582	ng	# 1
67) 4-Bromophenyl-phenylether	10.663	248	15366	3.681	ng	# 1
80) Butylbenzylphthalate	13.433	149	1347	3.504	ng	91

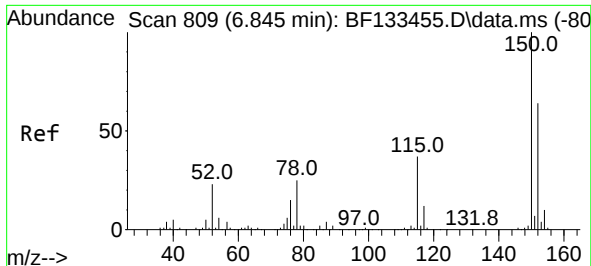
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052423\
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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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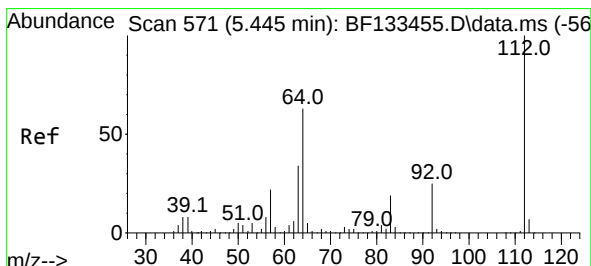
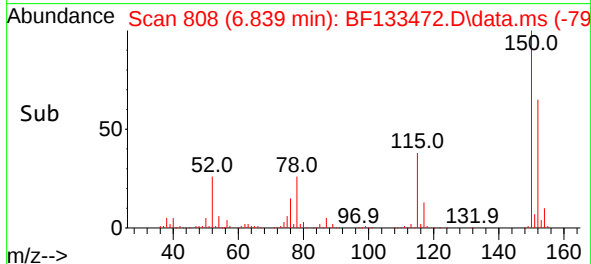
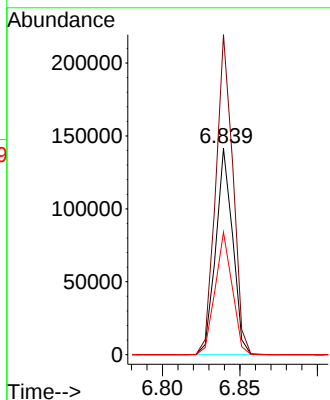
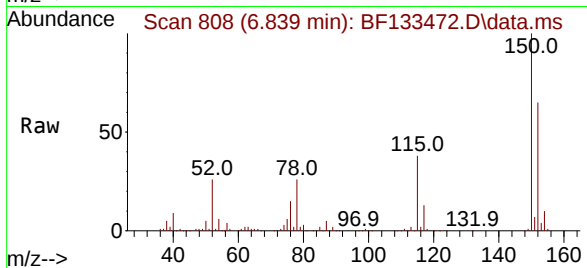




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 809
Delta R.T. -0.006 min
Lab File: BF133472.D
Acq: 24 May 2023 15:54

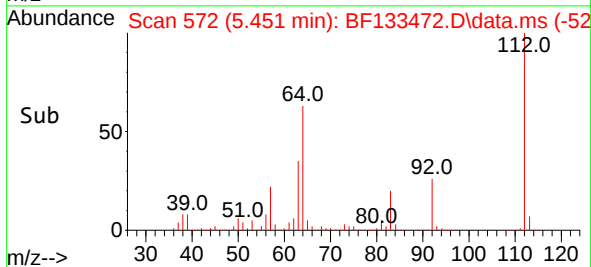
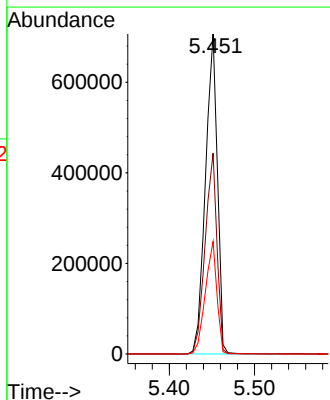
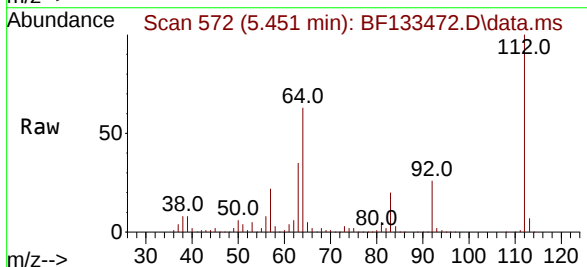
Instrument :
BNA_F
ClientSampleId :
TP-32

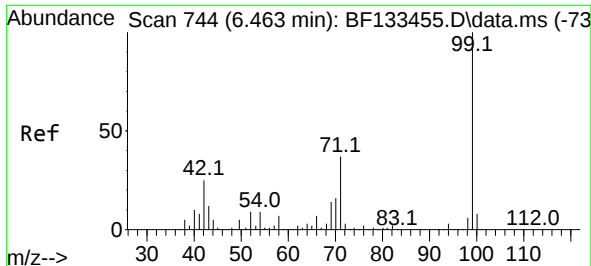
Tgt Ion:152 Resp: 107049
Ion Ratio Lower Upper
152 100
150 155.0 125.6 188.4
115 59.4 47.0 70.4



#5
2-Fluorophenol
Concen: 105.137 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.006 min
Lab File: BF133472.D
Acq: 24 May 2023 15:54

Tgt Ion:112 Resp: 688521
Ion Ratio Lower Upper
112 100
64 62.8 50.2 75.4
63 35.1 27.2 40.8

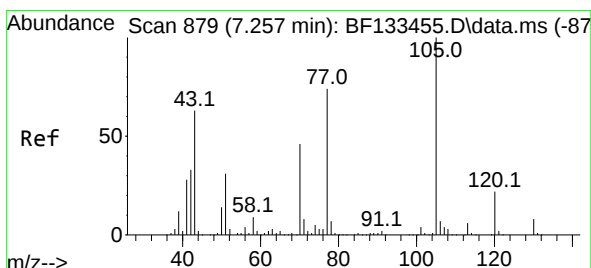
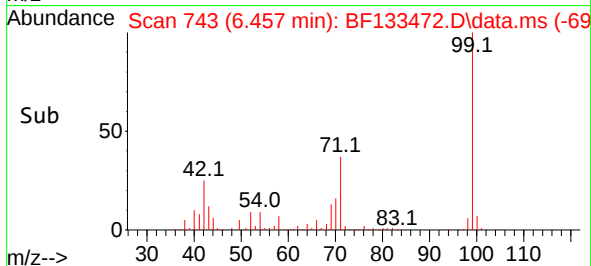
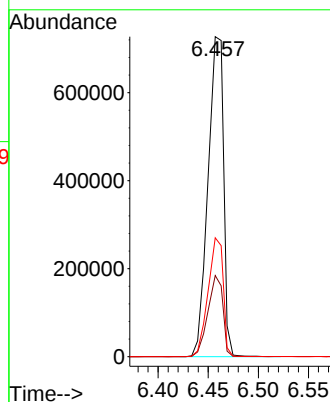
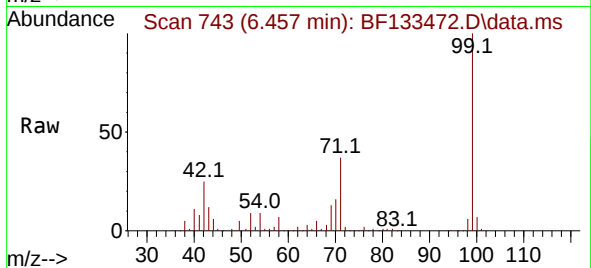




#7
Phenol-d6
Concen: 100.206 ng
RT: 6.457 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF133472.D
Acq: 24 May 2023 15:54

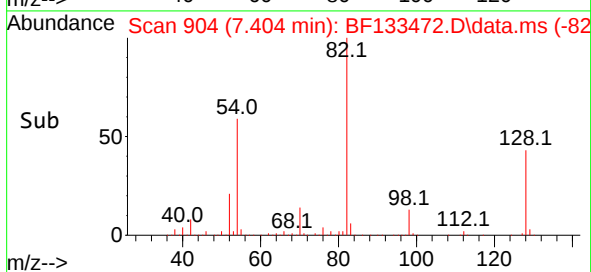
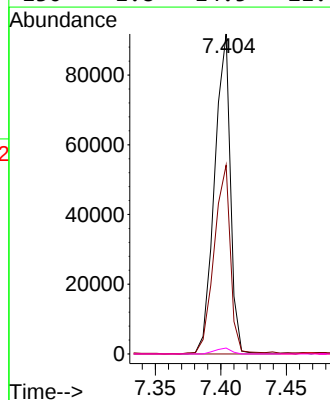
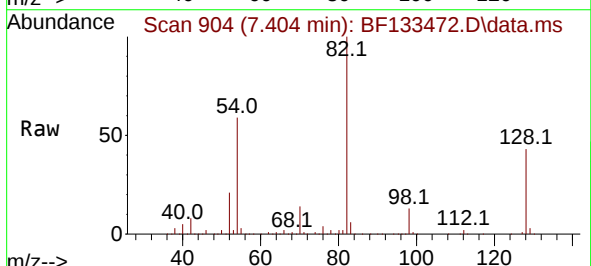
Instrument :
BNA_F
ClientSampleId :
TP-32

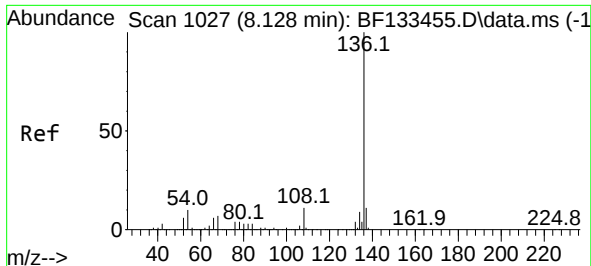
Tgt Ion: 99 Resp: 788878
Ion Ratio Lower Upper
99 100
42 25.4 19.6 29.4
71 37.2 29.5 44.3



#19
n-Nitroso-di-n-propylamine
Concen: 15.641 ng
RT: 7.404 min Scan# 904
Delta R.T. 0.147 min
Lab File: BF133472.D
Acq: 24 May 2023 15:54

Tgt Ion: 70 Resp: 77061
Ion Ratio Lower Upper
70 100
42 59.0 57.7 86.5
101 0.0 7.6 11.4#
130 1.8 14.5 21.7#



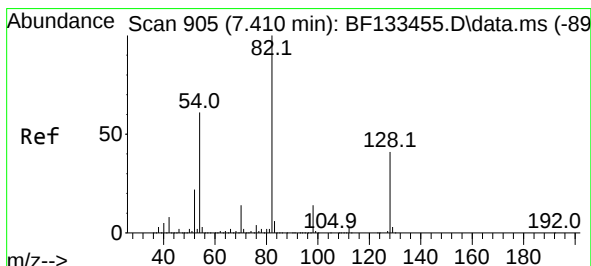
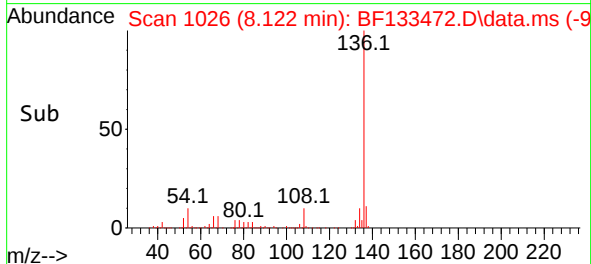
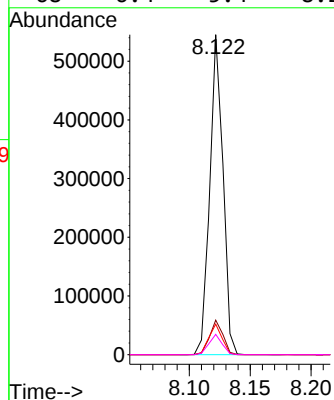
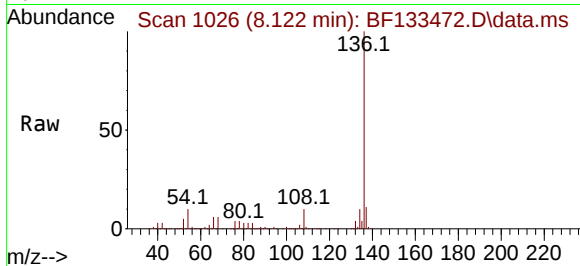


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF133472.D
Acq: 24 May 2023 15:54

Instrument :
BNA_F
ClientSampleId :
TP-32

Tgt Ion:136 Resp: 411276

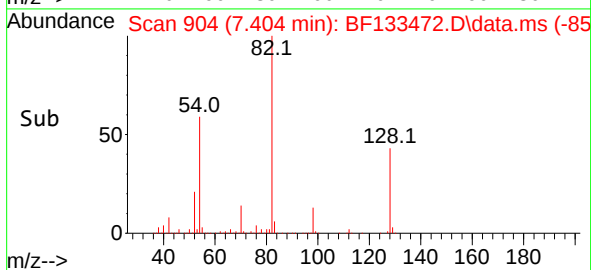
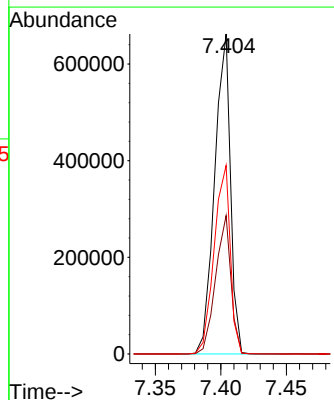
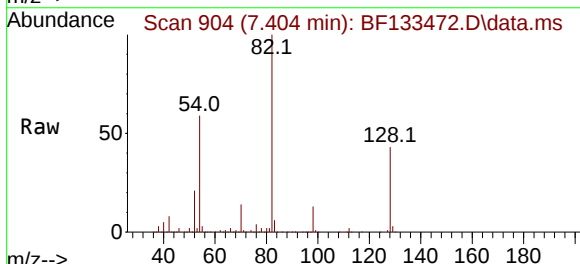
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	9.5	8.0	12.0
68	6.4	5.4	8.2

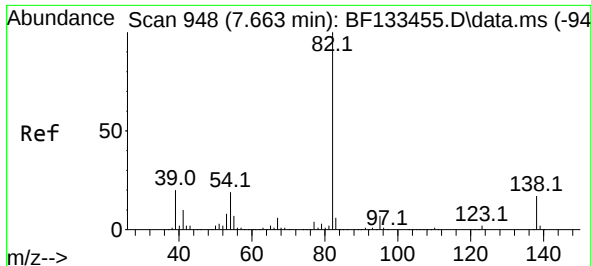


#23
Nitrobenzene-d5
Concen: 93.114 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF133472.D
Acq: 24 May 2023 15:54

Tgt Ion: 82 Resp: 553923

Ion	Ratio	Lower	Upper
82	100		
128	43.2	33.0	49.6
54	58.9	48.5	72.7

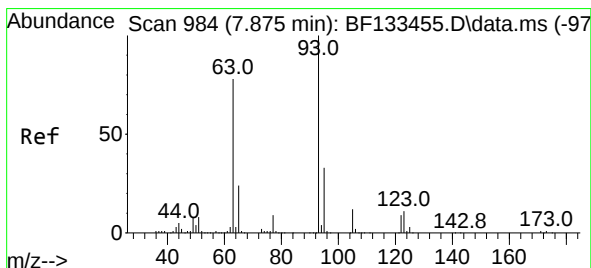
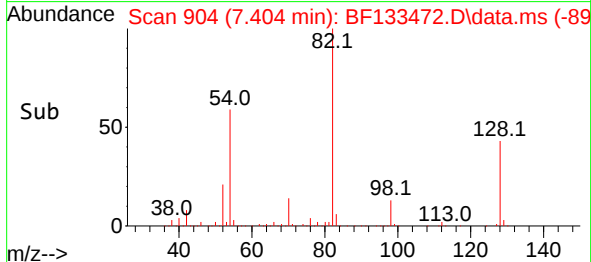
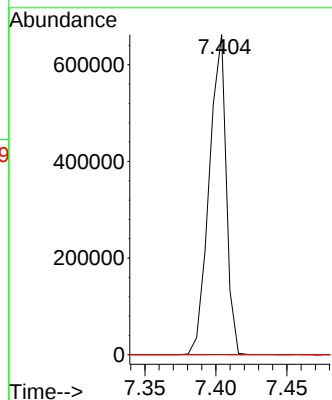
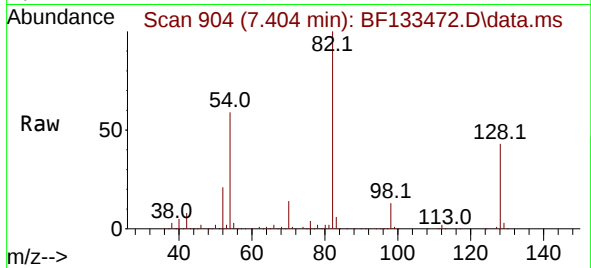




#25
Isophorone
Concen: 39.571 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF133472.D
Acq: 24 May 2023 15:54

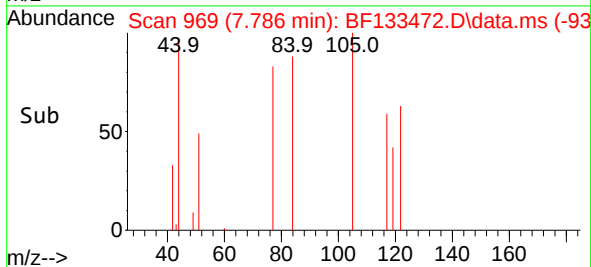
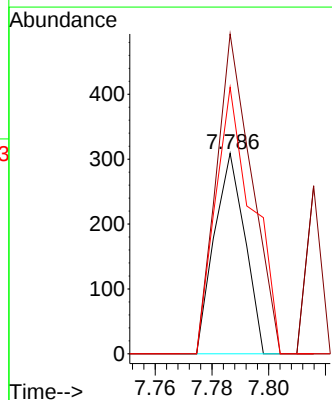
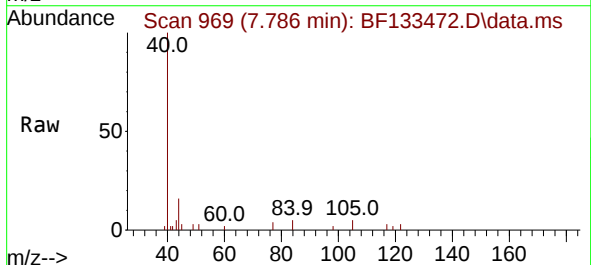
Instrument :
BNA_F
ClientSampleId :
TP-32

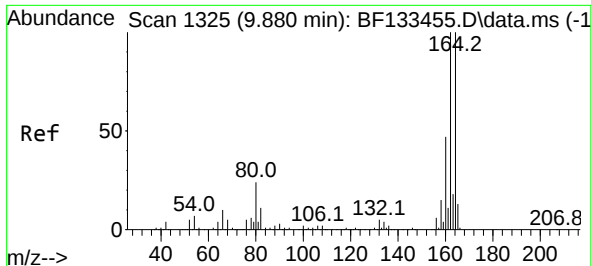
Tgt Ion: 82 Resp: 553913
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.5 20.3#



#32
Benzoic acid
Concen: 6.351 ng
RT: 7.786 min Scan# 969
Delta R.T. -0.089 min
Lab File: BF133472.D
Acq: 24 May 2023 15:54

Tgt Ion:122 Resp: 231
Ion Ratio Lower Upper
122 100
105 159.5 111.2 151.2#
77 133.0 82.0 122.0#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.874 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF133472.D

Acq: 24 May 2023 15:54

Instrument :

BNA_F

ClientSampleId :

TP-32

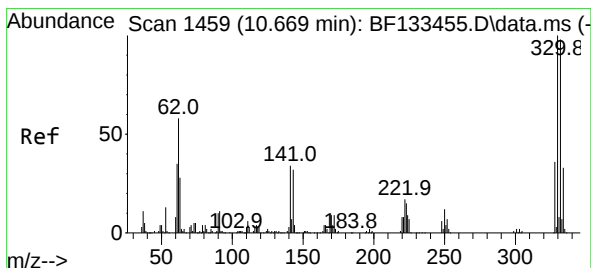
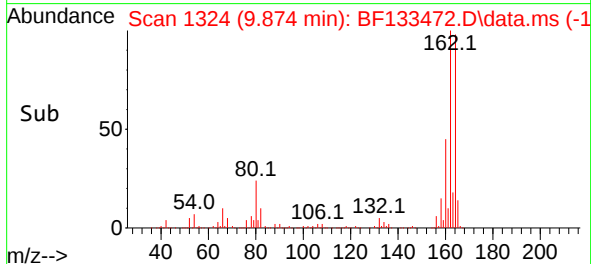
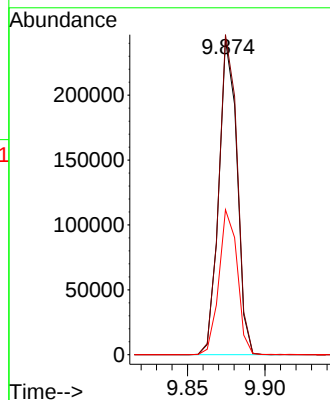
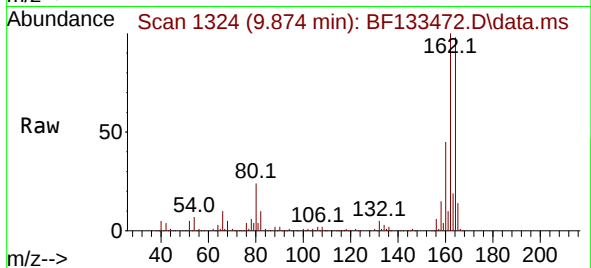
Tgt Ion:164 Resp: 198133

Ion Ratio Lower Upper

164 100

162 101.6 79.8 119.6

160 46.1 37.4 56.0



#42

2,4,6-Tribromophenol

Concen: 131.599 ng

RT: 10.663 min Scan# 1458

Delta R.T. -0.006 min

Lab File: BF133472.D

Acq: 24 May 2023 15:54

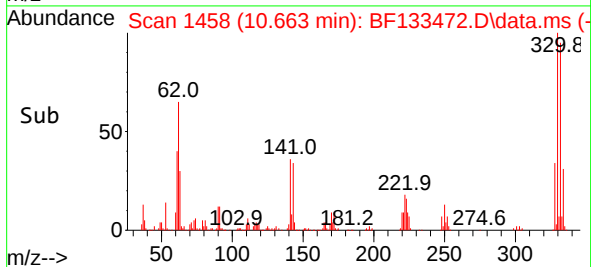
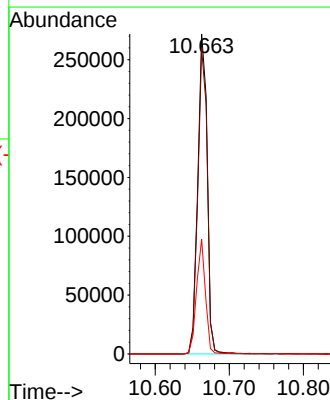
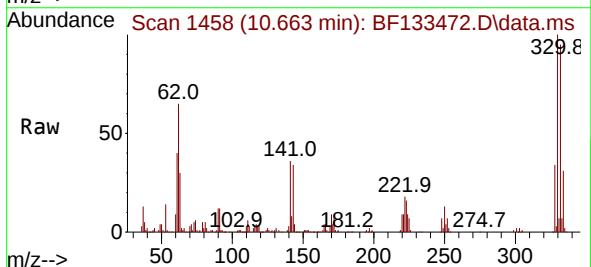
Tgt Ion:330 Resp: 240861

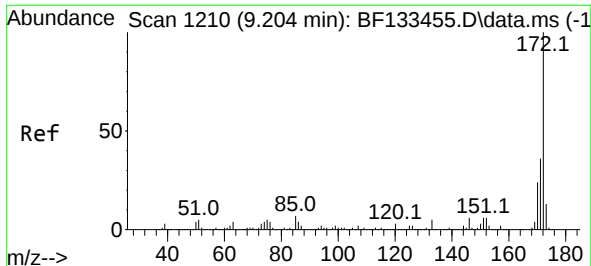
Ion Ratio Lower Upper

330 100

332 95.6 77.0 115.6

141 33.7 28.5 42.7





#45

2-Fluorobiphenyl

Concen: 72.664 ng

RT: 9.198 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF133472.D

Acq: 24 May 2023 15:54

Instrument :

BNA_F

ClientSampleId :

TP-32

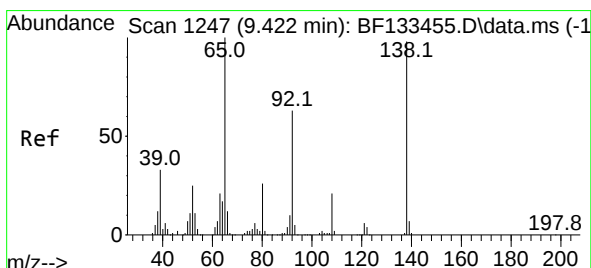
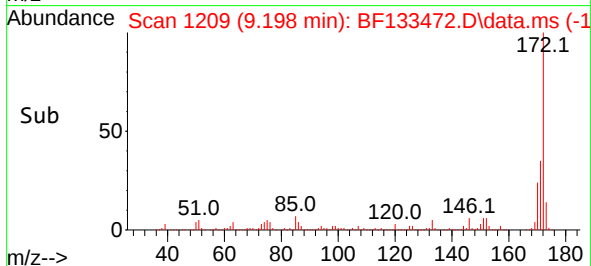
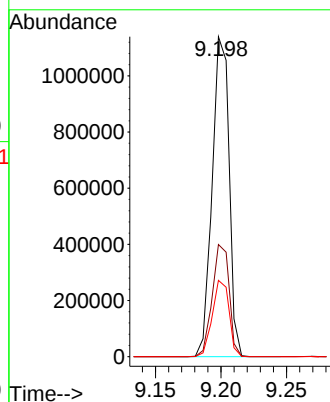
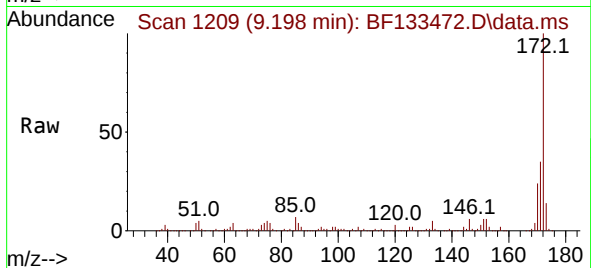
Tgt Ion:172 Resp: 1023303

Ion Ratio Lower Upper

172 100

171 35.1 28.5 42.7

170 23.9 19.0 28.4



#48

2-Nitroaniline

Concen: 5.972 ng

RT: 9.198 min Scan# 1209

Delta R.T. -0.224 min

Lab File: BF133472.D

Acq: 24 May 2023 15:54

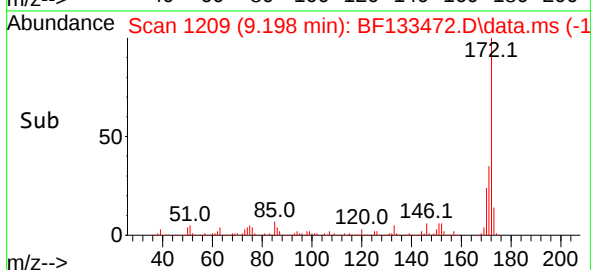
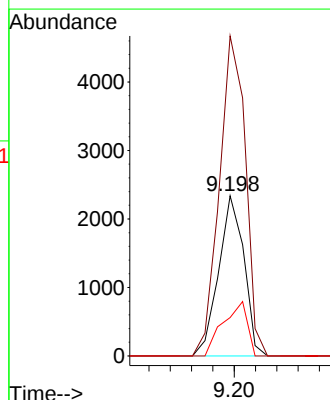
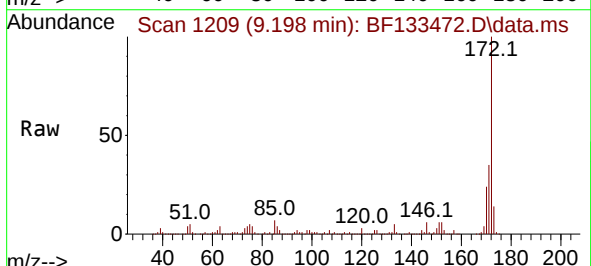
Tgt Ion: 65 Resp: 1928

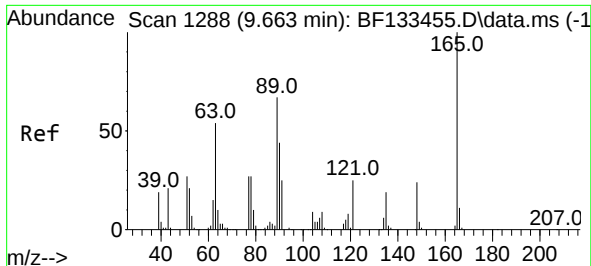
Ion Ratio Lower Upper

65 100

92 199.7 50.1 75.1#

138 24.0 78.6 118.0#

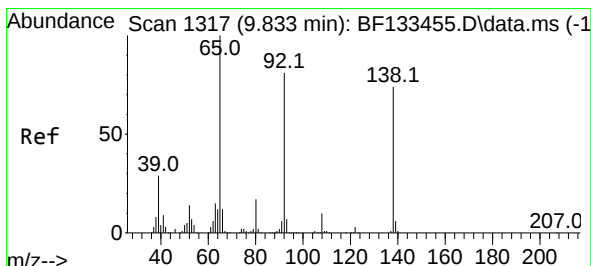
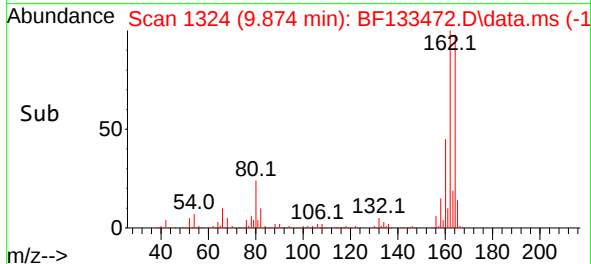
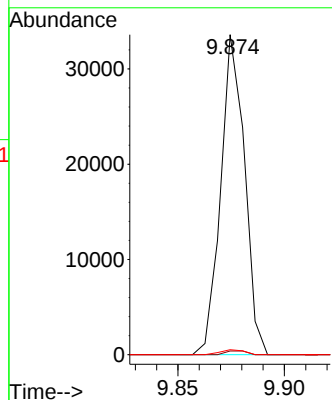
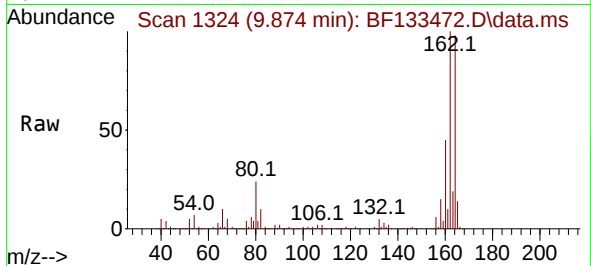




#51
2,6-Dinitrotoluene
Concen: 13.697 ng
RT: 9.874 min Scan# 11
Delta R.T. 0.211 min
Lab File: BF133472.D
Acq: 24 May 2023 15:54

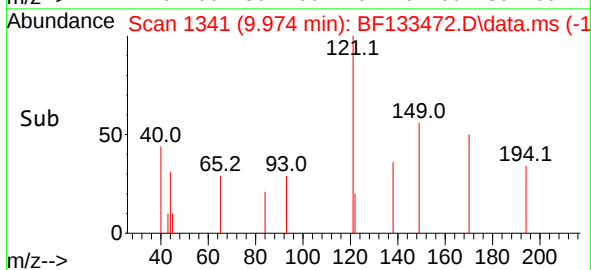
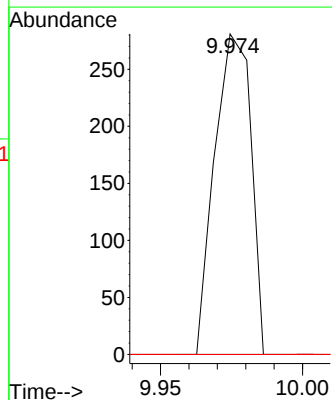
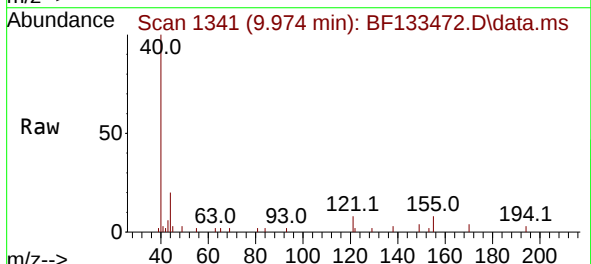
Instrument :
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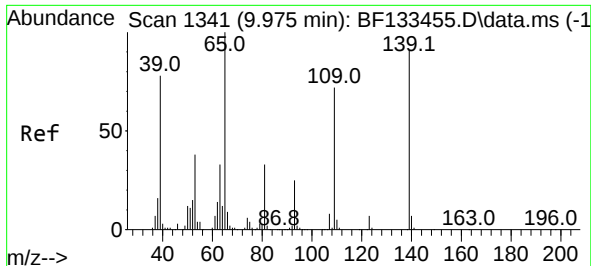
Tgt Ion:165 Resp: 26178
Ion Ratio Lower Upper
165 100
63 1.1 61.0 91.4#
89 1.5 53.5 80.3#



#53
3-Nitroaniline
Concen: 3.696 ng
RT: 9.974 min Scan# 1341
Delta R.T. 0.141 min
Lab File: BF133472.D
Acq: 24 May 2023 15:54

Tgt Ion:138 Resp: 250
Ion Ratio Lower Upper
138 100
108 0.0 11.4 17.0#
92 0.0 88.4 132.6#

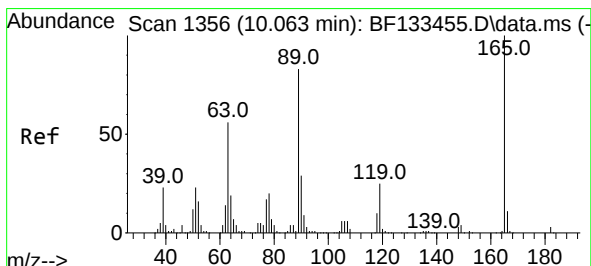
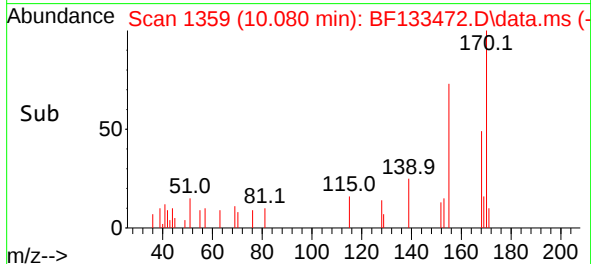
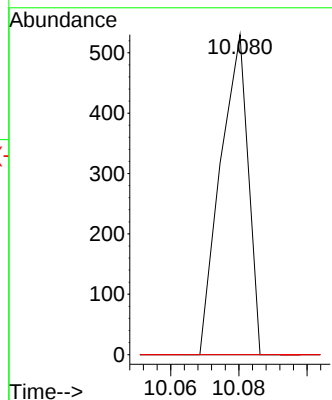
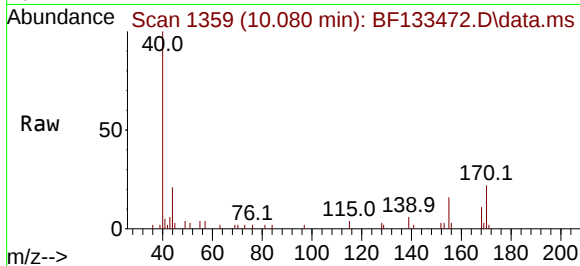




#56
4-Nitrophenol
Concen: 5.388 ng
RT: 10.080 min Scan# 11
Delta R.T. 0.105 min
Lab File: BF133472.D
Acq: 24 May 2023 15:54

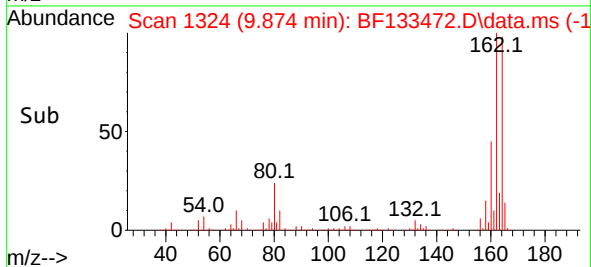
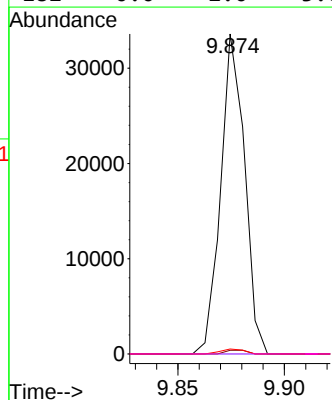
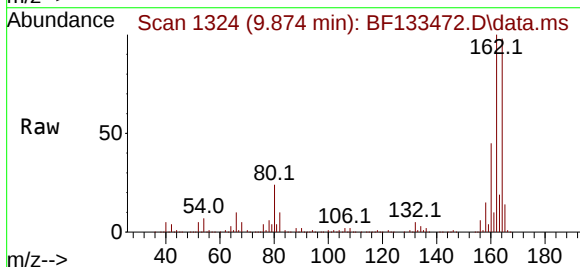
Instrument :
BNA_F
ClientSampleId :
TP-32

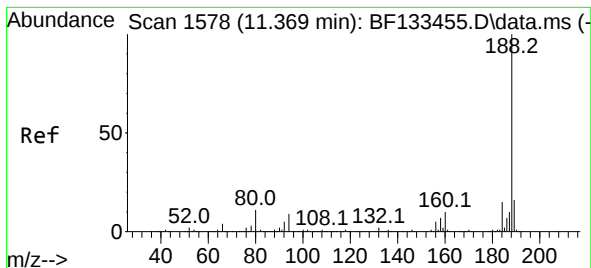
Tgt Ion:139 Resp: 299
Ion Ratio Lower Upper
139 100
109 0.0 59.5 99.5#
65 0.0 90.1 130.1#



#57
2,4-Dinitrotoluene
Concen: 12.945 ng
RT: 9.874 min Scan# 1324
Delta R.T. -0.189 min
Lab File: BF133472.D
Acq: 24 May 2023 15:54

Tgt Ion:165 Resp: 26178
Ion Ratio Lower Upper
165 100
63 1.1 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# 1

Delta R.T. -0.006 min

Lab File: BF133472.D

Acq: 24 May 2023 15:54

Instrument :

BNA_F

ClientSampleId :

TP-32

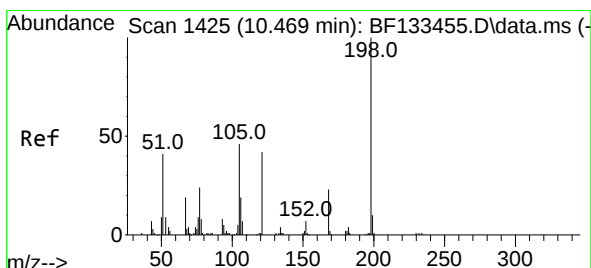
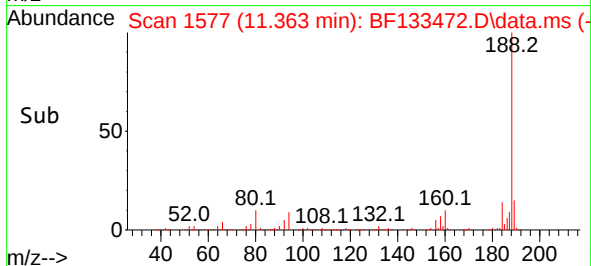
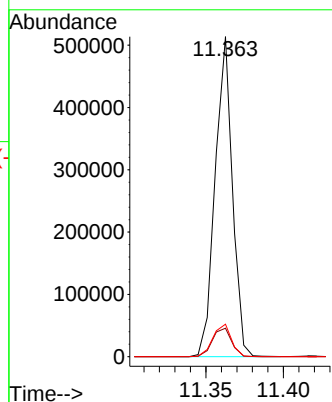
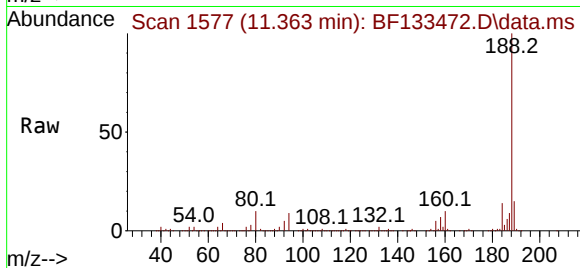
Tgt Ion:188 Resp: 397993

Ion Ratio Lower Upper

188 100

94 8.9 7.5 11.3

80 10.2 8.7 13.1



#65

4,6-Dinitro-2-methylphenol

Concen: 8.582 ng

RT: 10.663 min Scan# 1458

Delta R.T. 0.194 min

Lab File: BF133472.D

Acq: 24 May 2023 15:54

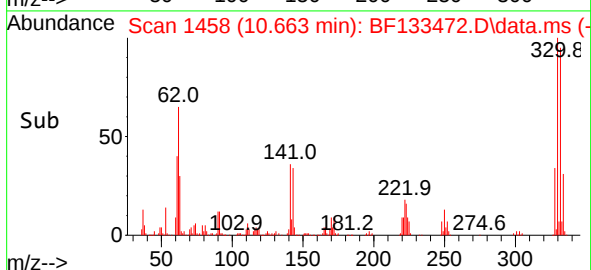
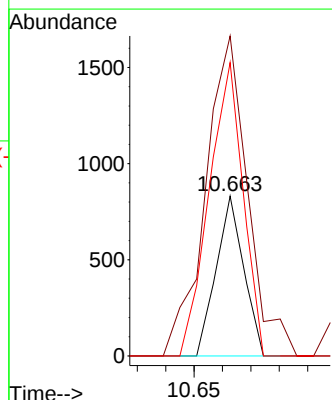
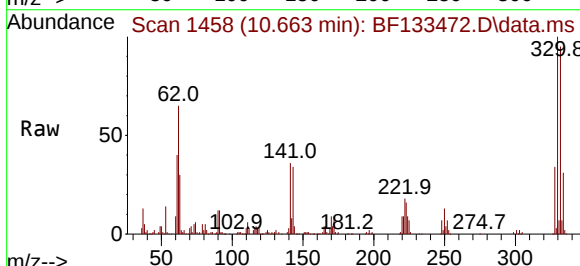
Tgt Ion:198 Resp: 558

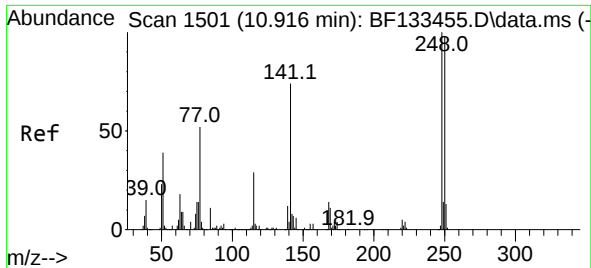
Ion Ratio Lower Upper

198 100

51 200.2 38.5 78.5#

105 183.6 29.6 69.6#

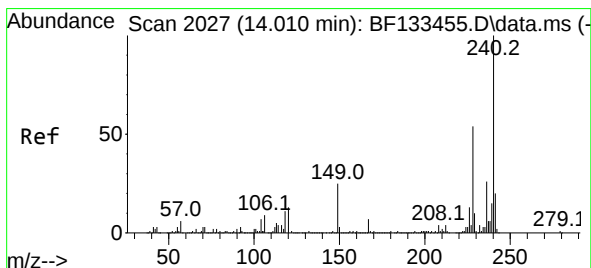
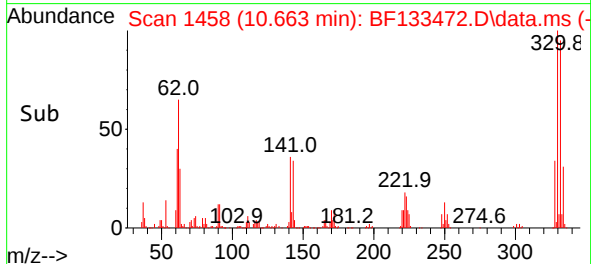
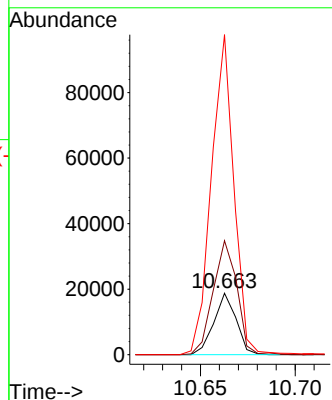
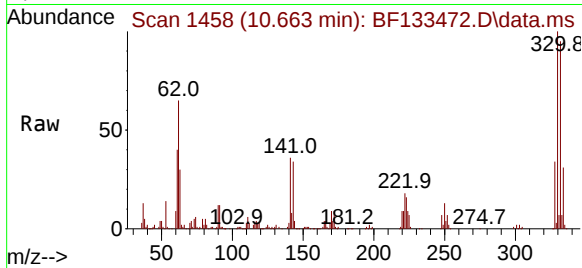




#67
4-Bromophenyl-phenylether
Concen: 3.681 ng
RT: 10.663 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF133472.D
Acq: 24 May 2023 15:54

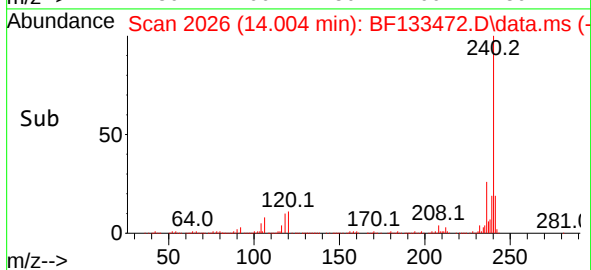
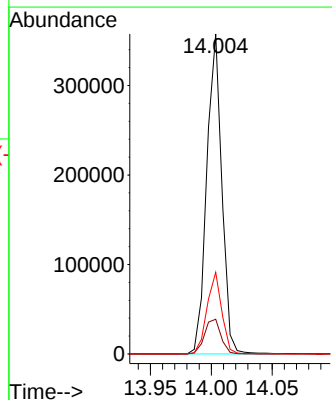
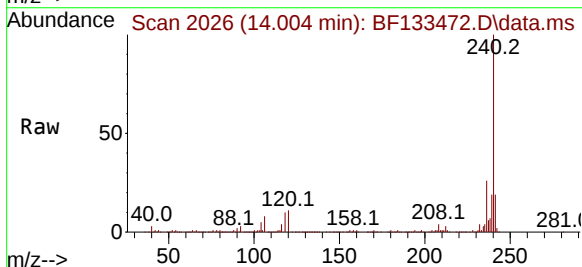
Instrument :
BNA_F
ClientSampleId :
TP-32

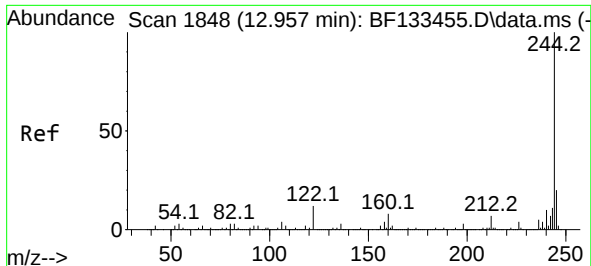
Tgt Ion:248 Resp: 15366
Ion Ratio Lower Upper
248 100
250 185.1 78.3 117.5#
141 520.2 59.1 88.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BF133472.D
Acq: 24 May 2023 15:54

Tgt Ion:240 Resp: 307511
Ion Ratio Lower Upper
240 100
120 10.9 10.2 15.4
236 25.5 20.9 31.3

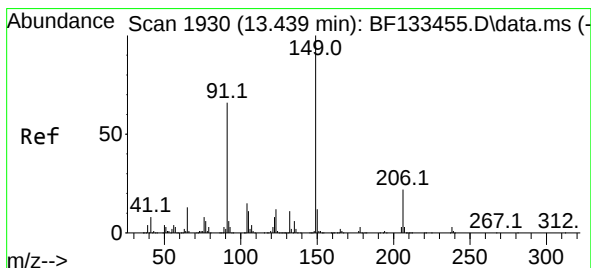
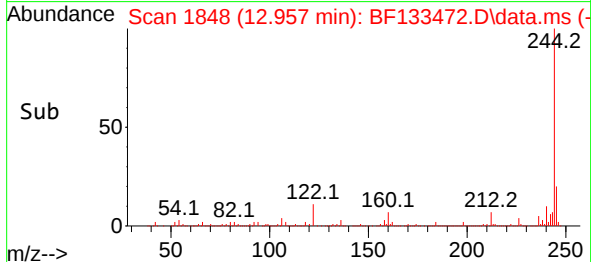
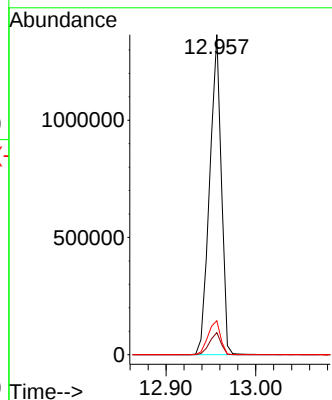
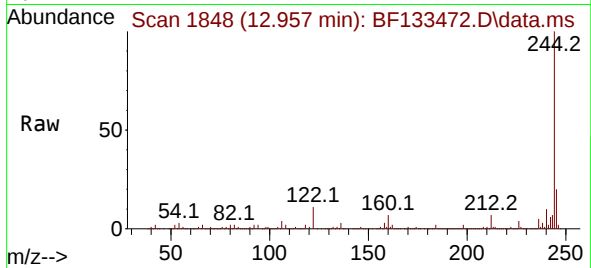




#79
 Terphenyl-d14
 Concen: 76.484 ng
 RT: 12.957 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF133472.D
 Acq: 24 May 2023 15:54

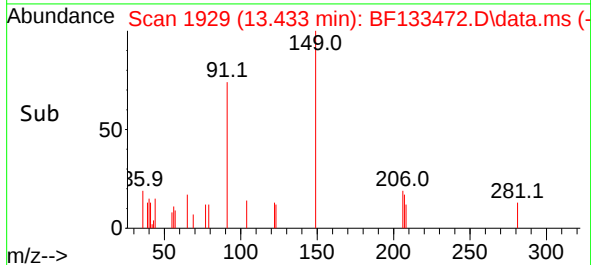
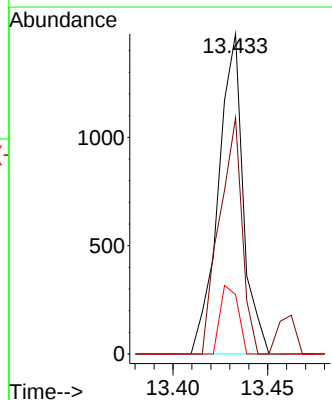
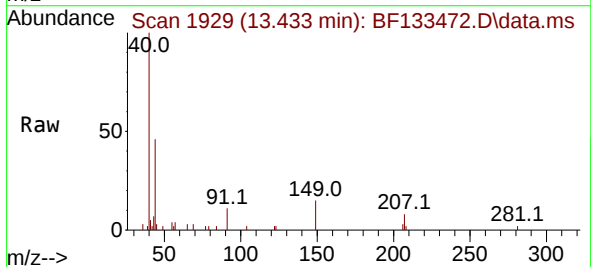
Instrument :
 BNA_F
 ClientSampleId :
 TP-32

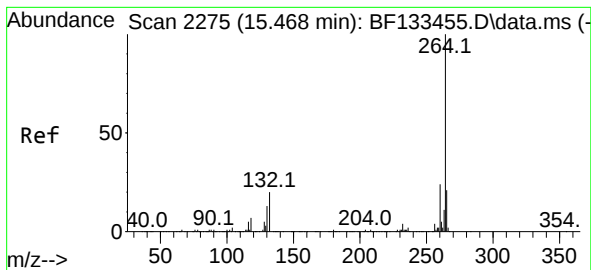
Tgt Ion:244 Resp: 1230165
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 10.6 9.4 14.0



#80
 Butylbenzylphthalate
 Concen: 3.504 ng
 RT: 13.433 min Scan# 1929
 Delta R.T. -0.006 min
 Lab File: BF133472.D
 Acq: 24 May 2023 15:54

Tgt Ion:149 Resp: 1347
 Ion Ratio Lower Upper
 149 100
 91 73.8 53.1 79.7
 206 18.6 17.4 26.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.462 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF133472.D

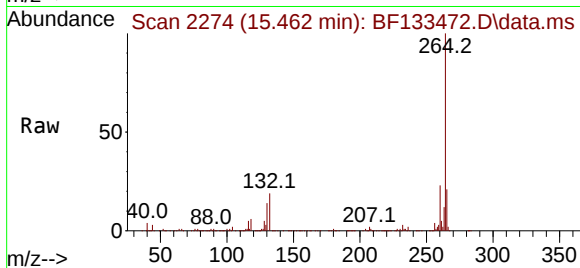
Acq: 24 May 2023 15:54

Instrument :

BNA_F

ClientSampleId :

TP-32



Tgt Ion:264 Resp: 262737

Ion Ratio Lower Upper

264 100

260 22.9 18.8 28.2

265 20.5 17.0 25.4

