

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021323\
 Data File : BF132421.D
 Acq On : 13 Feb 2023 21:19
 Operator : CG\JU
 Sample : 01329-11
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

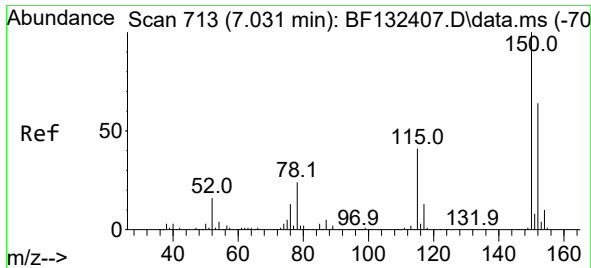
Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 14 01:40:54 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 14 00:51:00 2023
 Response via : Initial Calibration

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

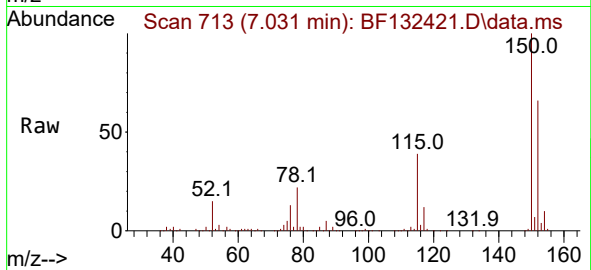
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.031	152	172406	20.000	ng	0.00
21) Naphthalene-d8	8.319	136	660000	20.000	ng	0.00
39) Acenaphthene-d10	10.083	164	349811	20.000	ng	0.00
64) Phenanthrene-d10	11.577	188	640610	20.000	ng	0.00
76) Chrysene-d12	14.236	240	472105	20.000	ng	0.00
86) Perylene-d12	15.801	264	469571	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.660	112	949933	100.546	ng	0.01
7) Phenol-d6	6.648	99	1135386	96.426	ng	0.00
23) Nitrobenzene-d5	7.595	82	688479	62.230	ng	0.00
42) 2,4,6-Tribromophenol	10.877	330	418273	89.853	ng	0.00
45) 2-Fluorobiphenyl	9.395	172	1318300	54.558	ng	0.00
79) Terphenyl-d14	13.171	244	1472394	52.453	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.595	70	84684	12.604	ng	# 72
25) Isophorone	7.595	82	686913	35.242	ng	# 61
51) 2,6-Dinitrotoluene	10.083	165	45291	7.836	ng	# 30
57) 2,4-Dinitrotoluene	10.083	165	45291	5.964	ng	# 29
63) Azobenzene	10.795	77	46089	2.214	ng	# 1
67) 4-Bromophenyl-phenylether	10.877	248	23452	3.137	ng	# 1
77) Benzydine	13.171	184	23153	3.447	ng	# 91

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

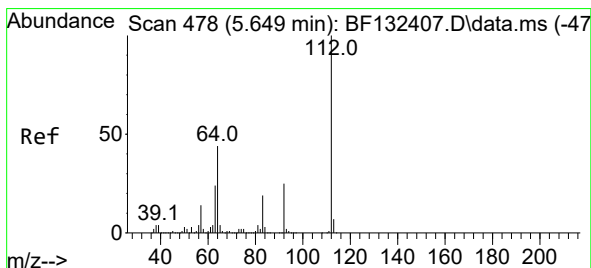
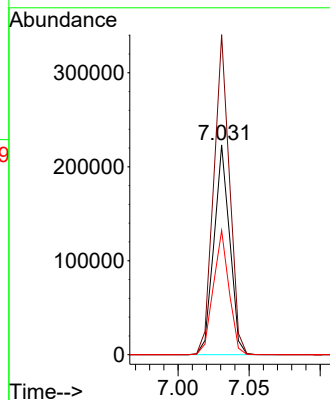
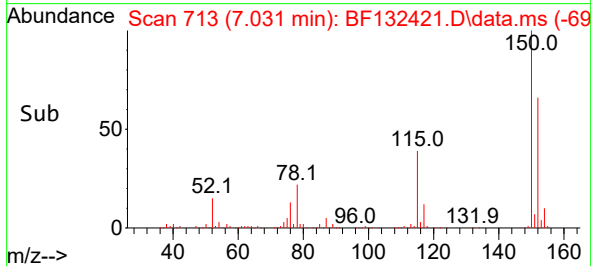


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.031 min Scan# 713
Delta R.T. -0.000 min
Lab File: BF132421.D
Acq: 13 Feb 2023 21:19

Instrument :
BNA_F
ClientSampleId :

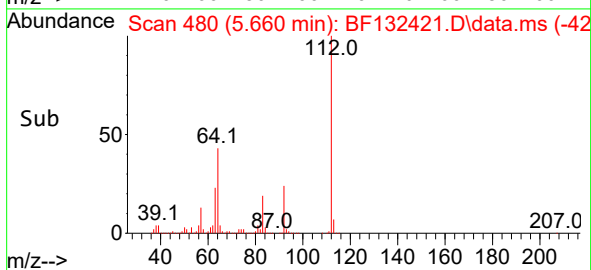
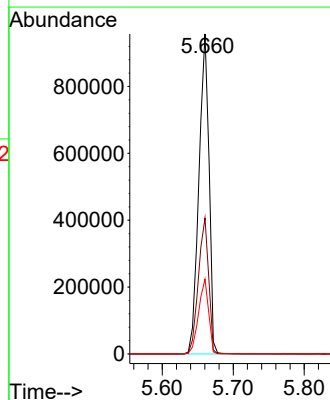
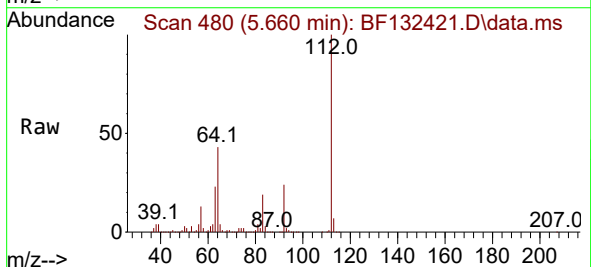


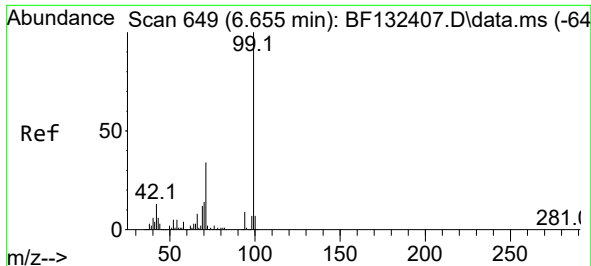
Tgt Ion:152 Resp: 172406
Ion Ratio Lower Upper
152 100
150 152.6 124.4 186.6
115 59.2 50.6 75.8



#5
2-Fluorophenol
Concen: 100.546 ng
RT: 5.660 min Scan# 480
Delta R.T. 0.011 min
Lab File: BF132421.D
Acq: 13 Feb 2023 21:19

Tgt Ion:112 Resp: 949933
Ion Ratio Lower Upper
112 100
64 42.5 34.8 52.2
63 23.4 19.3 28.9

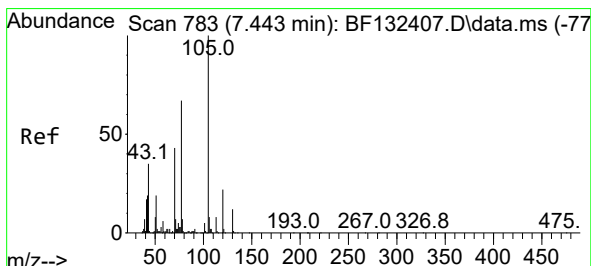
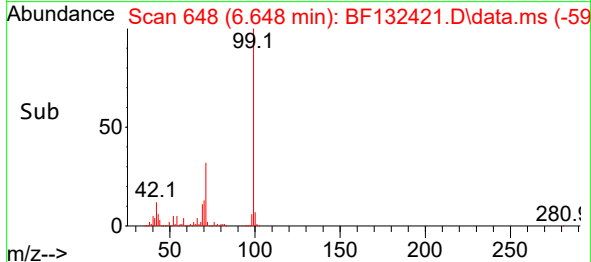
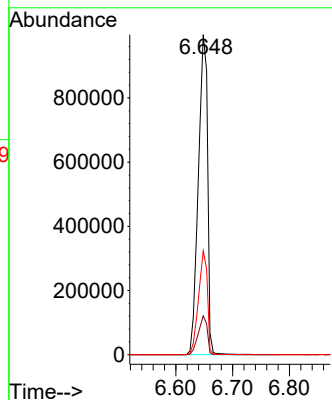
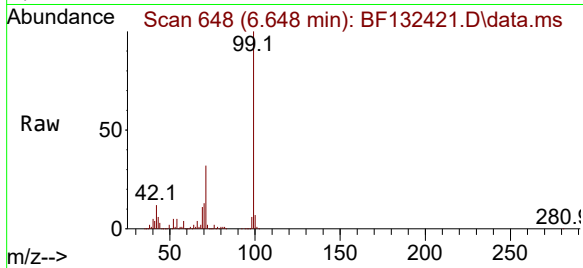




#7
Phenol-d6
Concen: 96.426 ng
RT: 6.648 min Scan# 64
Delta R.T. -0.007 min
Lab File: BF132421.D
Acq: 13 Feb 2023 21:19

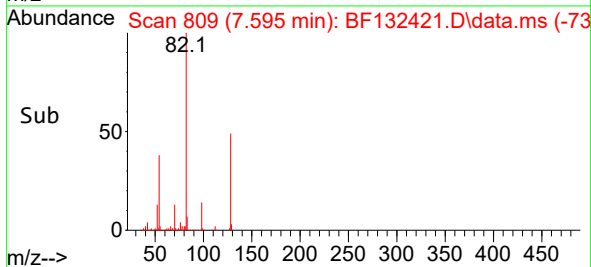
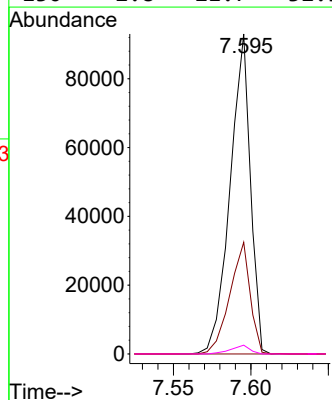
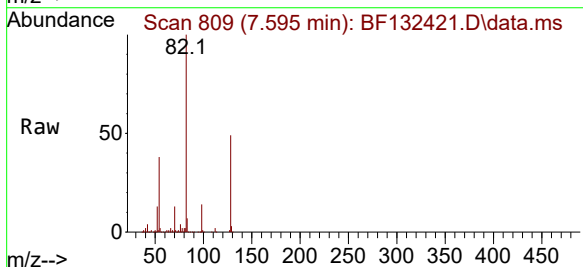
Instrument :
BNA_F
ClientSampleId :

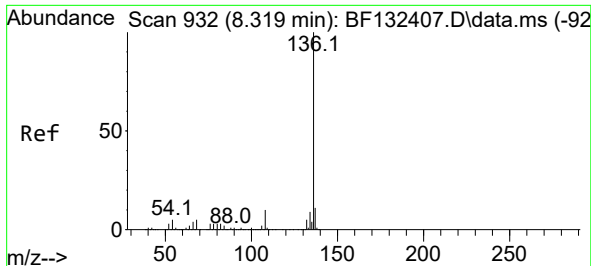
Tgt Ion: 99 Resp: 1135386
Ion Ratio Lower Upper
99 100
42 12.1 10.1 15.1
71 32.5 26.8 40.2



#19
n-Nitroso-di-n-propylamine
Concen: 12.604 ng
RT: 7.595 min Scan# 809
Delta R.T. 0.153 min
Lab File: BF132421.D
Acq: 13 Feb 2023 21:19

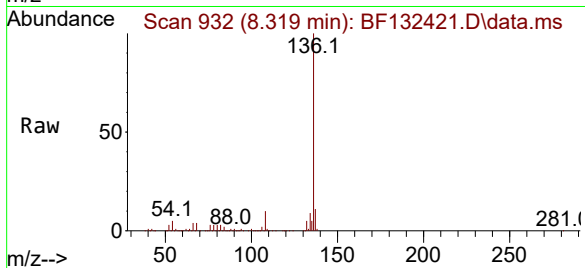
Tgt Ion: 70 Resp: 84684
Ion Ratio Lower Upper
70 100
42 34.9 36.0 54.0#
101 0.0 9.4 14.2#
130 2.8 21.7 32.5#



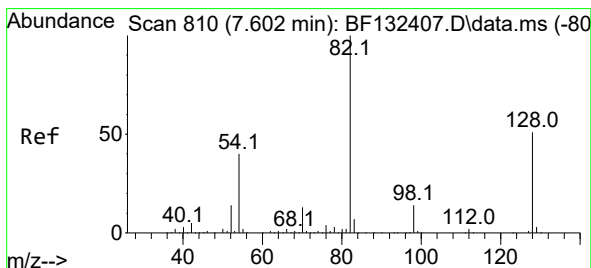
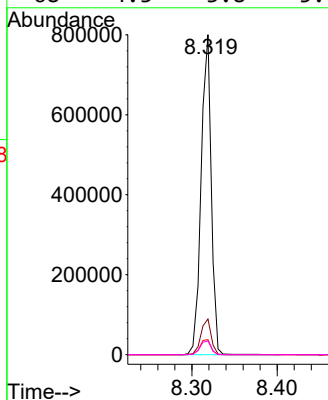
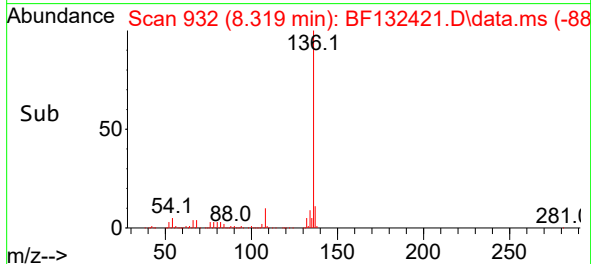


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.319 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF132421.D
Acq: 13 Feb 2023 21:19

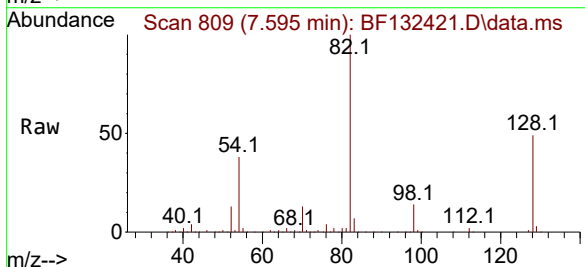
Instrument :
BNA_F
ClientSampleId :



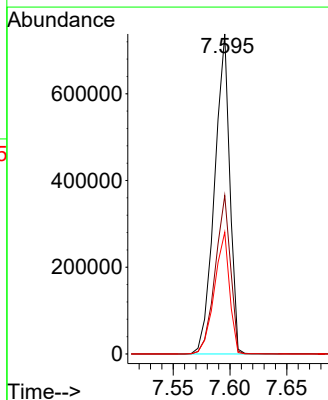
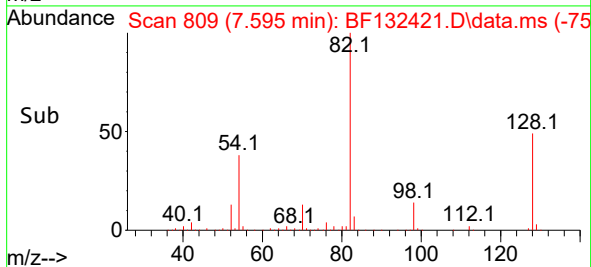
Tgt Ion:136 Resp: 660000
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.4
54 4.7 4.2 6.2
68 4.3 3.8 5.6

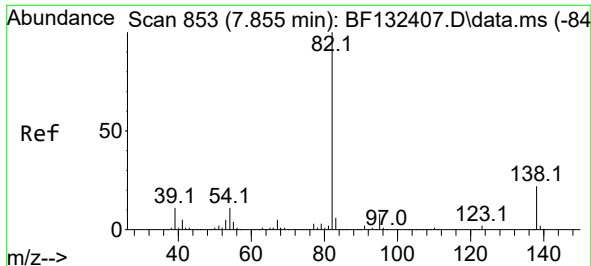


#23
Nitrobenzene-d5
Concen: 62.230 ng
RT: 7.595 min Scan# 809
Delta R.T. -0.006 min
Lab File: BF132421.D
Acq: 13 Feb 2023 21:19



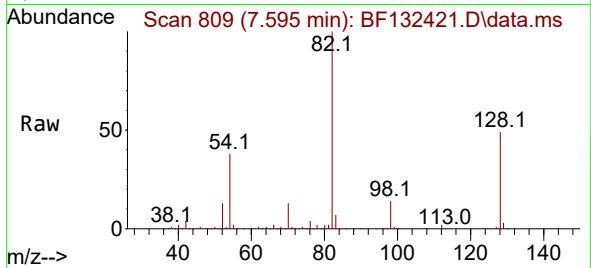
Tgt Ion: 82 Resp: 688479
Ion Ratio Lower Upper
82 100
128 49.5 40.7 61.1
54 38.1 32.3 48.5



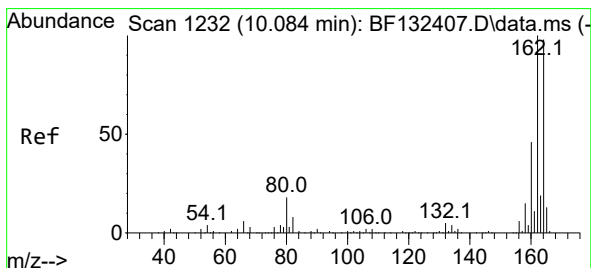
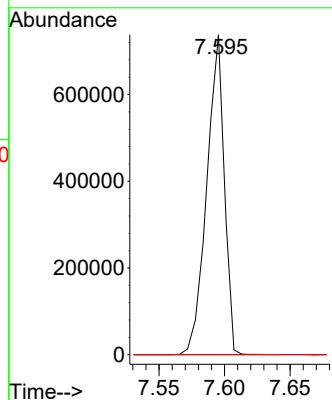
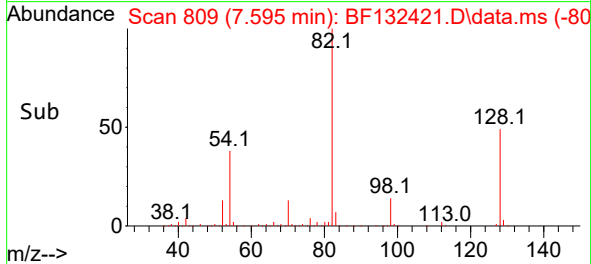


#25
Isophorone
Concen: 35.242 ng
RT: 7.595 min Scan# 80
Delta R.T. -0.259 min
Lab File: BF132421.D
Acq: 13 Feb 2023 21:19

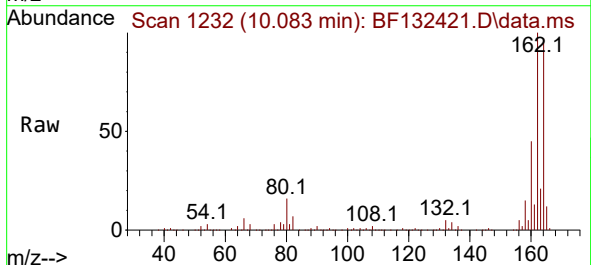
Instrument :
BNA_F
ClientSampleId :



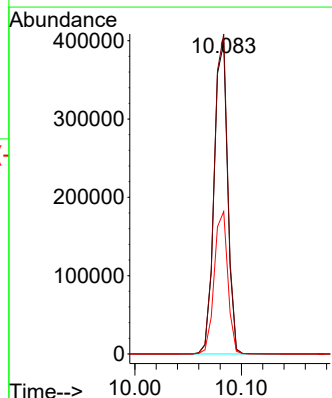
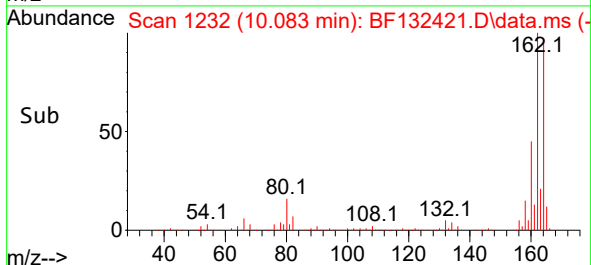
Tgt Ion: 82 Resp: 686913
Ion Ratio Lower Upper
82 100
95 0.0 6.6 9.8#
138 0.0 17.2 25.8#

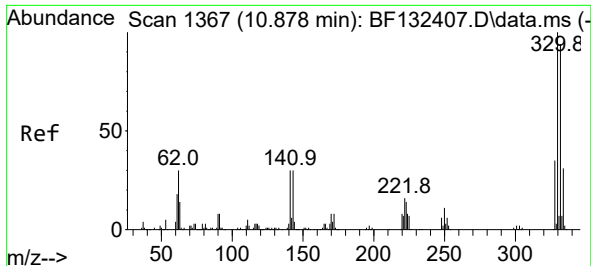


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.083 min Scan# 1232
Delta R.T. -0.001 min
Lab File: BF132421.D
Acq: 13 Feb 2023 21:19



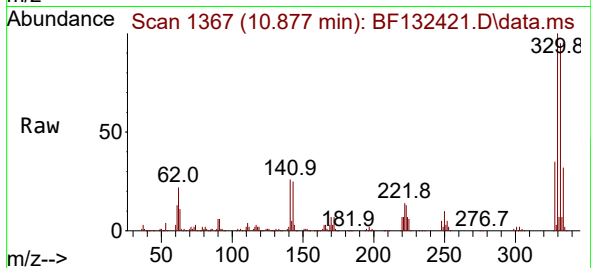
Tgt Ion: 164 Resp: 349811
Ion Ratio Lower Upper
164 100
162 102.8 81.8 122.6
160 45.8 37.4 56.0



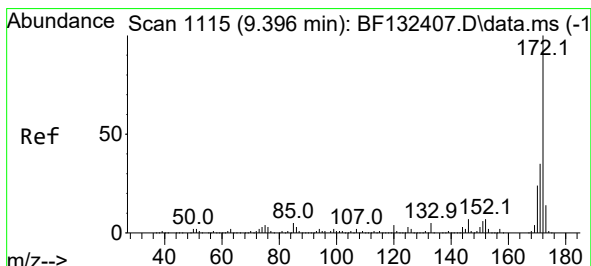
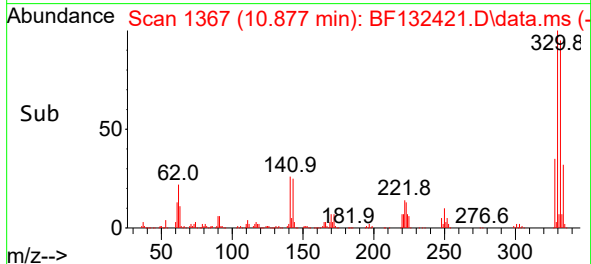
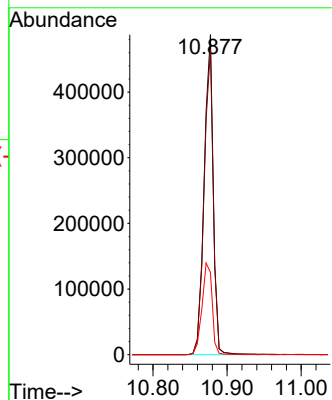


#42
2,4,6-Tribromophenol
Concen: 89.853 ng
RT: 10.877 min Scan# 1115
Delta R.T. -0.000 min
Lab File: BF132421.D
Acq: 13 Feb 2023 21:19

Instrument :
BNA_F
ClientSampleId :

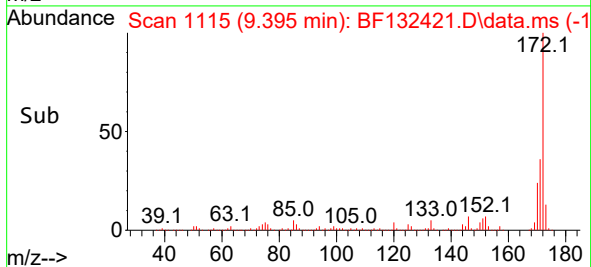
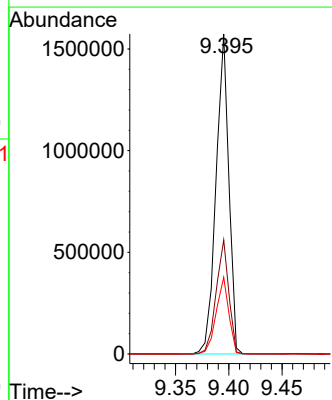
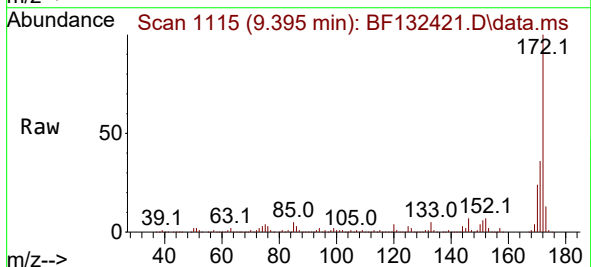


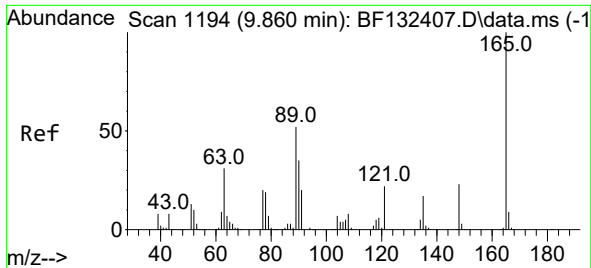
Tgt Ion:330 Resp: 418273
Ion Ratio Lower Upper
330 100
332 96.4 76.7 115.1
141 31.8 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 54.558 ng
RT: 9.395 min Scan# 1115
Delta R.T. -0.000 min
Lab File: BF132421.D
Acq: 13 Feb 2023 21:19

Tgt Ion:172 Resp: 1318300
Ion Ratio Lower Upper
172 100
171 35.6 28.3 42.5
170 24.0 19.3 28.9

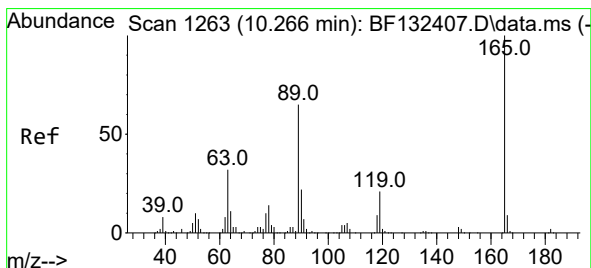
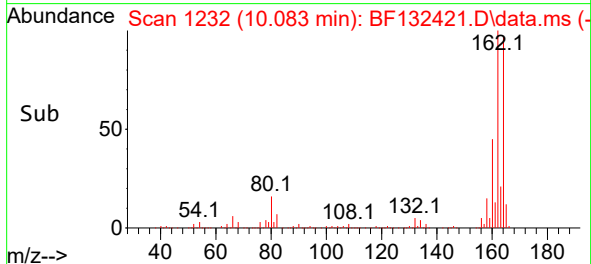
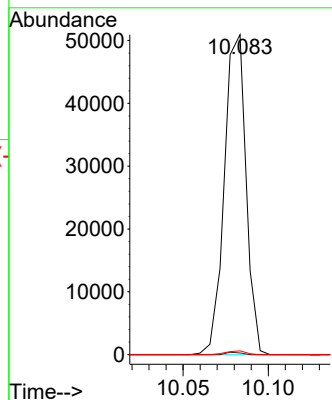
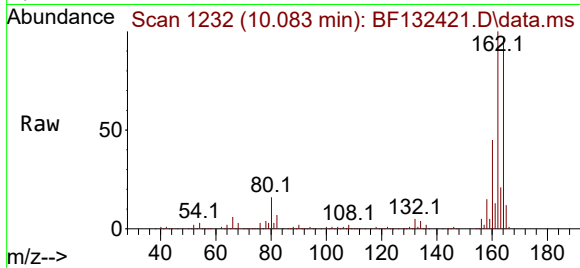




#51
2,6-Dinitrotoluene
Concen: 7.836 ng
RT: 10.083 min Scan# 1194
Delta R.T. 0.223 min
Lab File: BF132421.D
Acq: 13 Feb 2023 21:19

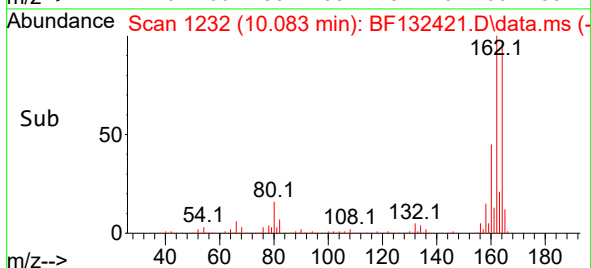
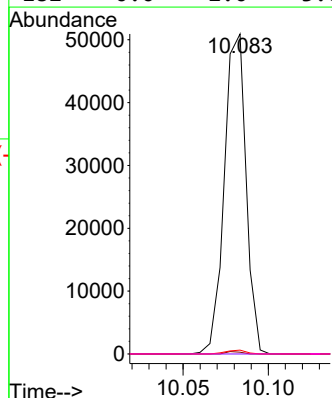
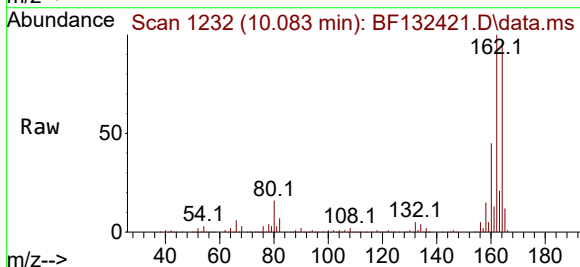
Instrument :
BNA_F
ClientSampleId :

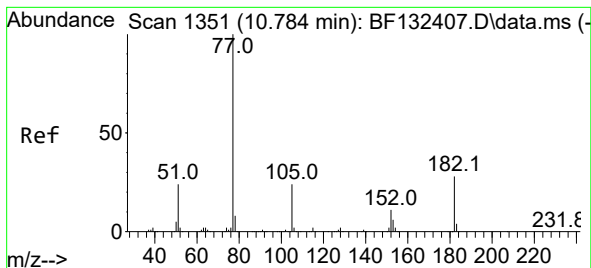
Tgt Ion:165 Resp: 45291
Ion Ratio Lower Upper
165 100
63 0.6 34.0 51.0#
89 1.2 41.8 62.6#



#57
2,4-Dinitrotoluene
Concen: 5.964 ng
RT: 10.083 min Scan# 1232
Delta R.T. -0.183 min
Lab File: BF132421.D
Acq: 13 Feb 2023 21:19

Tgt Ion:165 Resp: 45291
Ion Ratio Lower Upper
165 100
63 0.6 25.4 38.2#
89 1.2 52.2 78.2#
182 0.0 2.0 3.0#





#63

Azobenzene

Concen: 2.214 ng

RT: 10.795 min Scan# 11

Delta R.T. 0.011 min

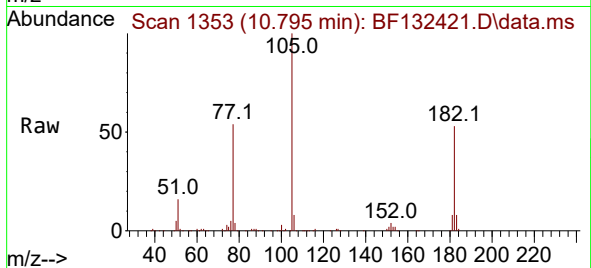
Lab File: BF132421.D

Acq: 13 Feb 2023 21:19

Instrument :

BNA_F

ClientSampleId :



Tgt Ion: 77 Resp: 46089

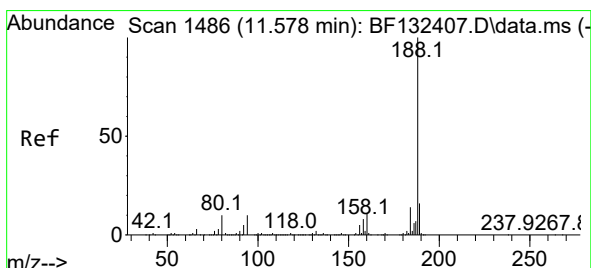
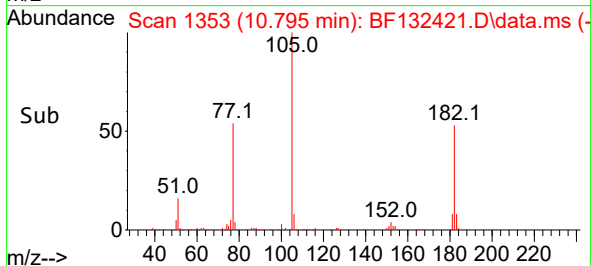
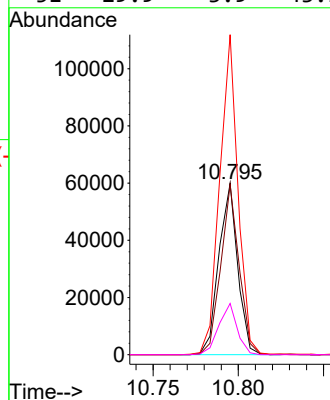
Ion Ratio Lower Upper

77 100

182 99.3 8.3 48.3#

105 186.8 3.9 43.9#

51 29.9 3.9 43.9



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.577 min Scan# 1486

Delta R.T. -0.000 min

Lab File: BF132421.D

Acq: 13 Feb 2023 21:19

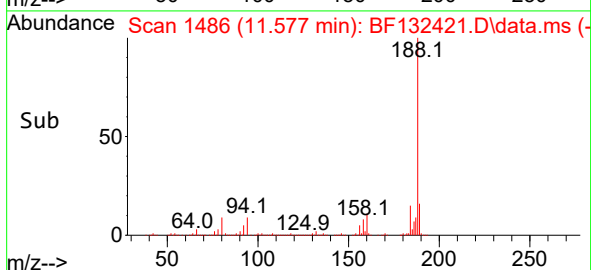
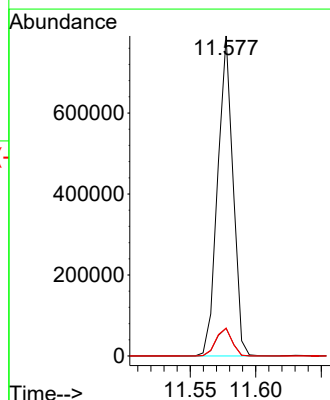
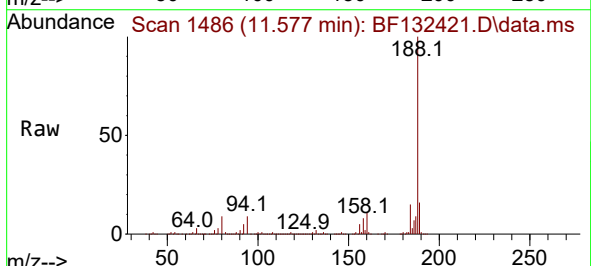
Tgt Ion: 188 Resp: 640610

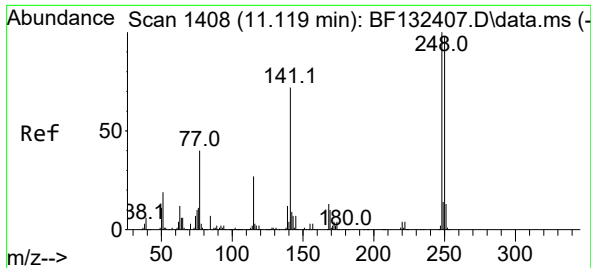
Ion Ratio Lower Upper

188 100

94 8.6 7.8 11.6

80 8.7 7.6 11.4

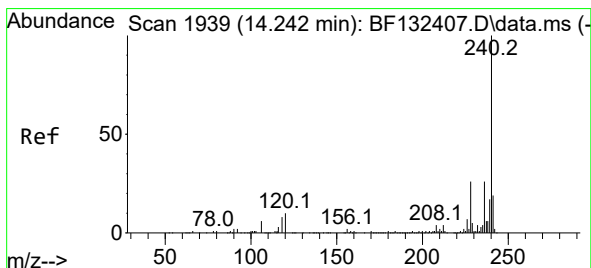
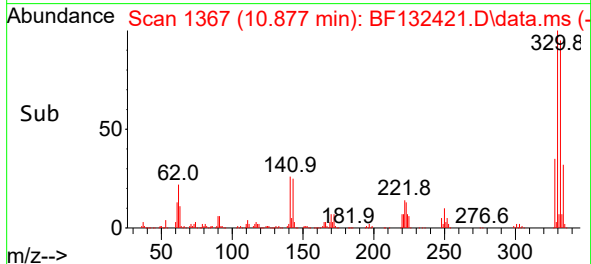
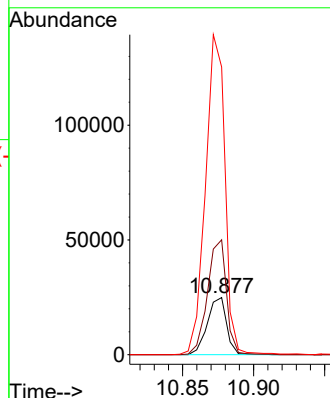
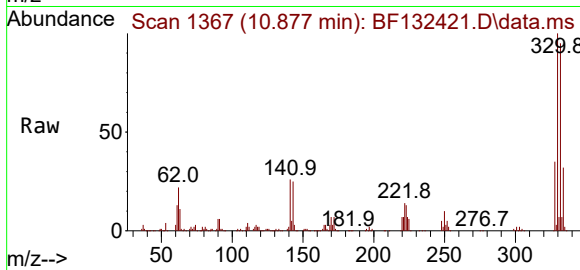




#67
4-Bromophenyl-phenylether
Concen: 3.137 ng
RT: 10.877 min Scan# 11
Delta R.T. -0.242 min
Lab File: BF132421.D
Acq: 13 Feb 2023 21:19

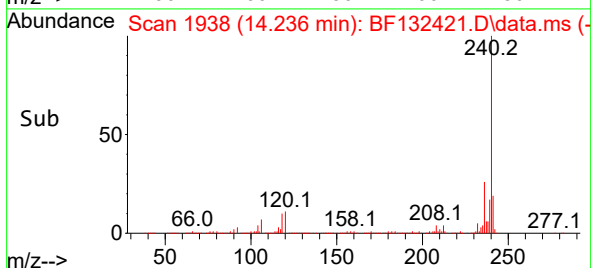
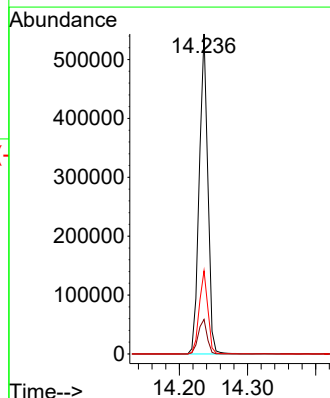
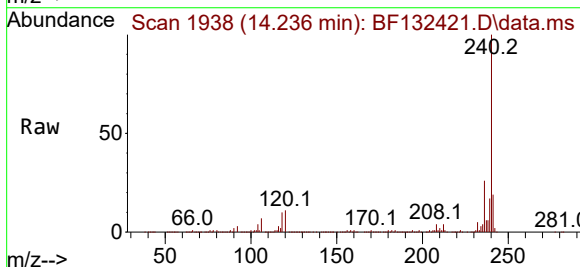
Instrument :
BNA_F
ClientSampleId :

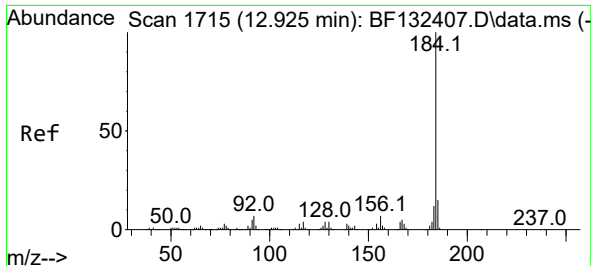
Tgt Ion:248 Resp: 23452
Ion Ratio Lower Upper
248 100
250 200.9 78.1 117.1#
141 503.5 57.9 86.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.236 min Scan# 1938
Delta R.T. -0.006 min
Lab File: BF132421.D
Acq: 13 Feb 2023 21:19

Tgt Ion:240 Resp: 472105
Ion Ratio Lower Upper
240 100
120 10.8 7.7 11.5
236 26.0 21.1 31.7

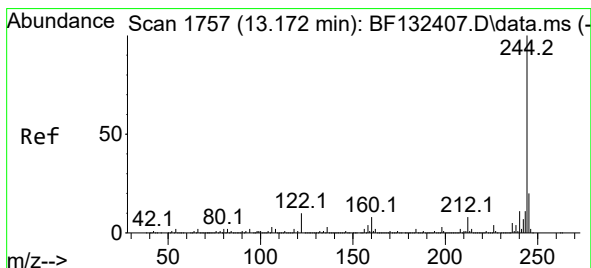
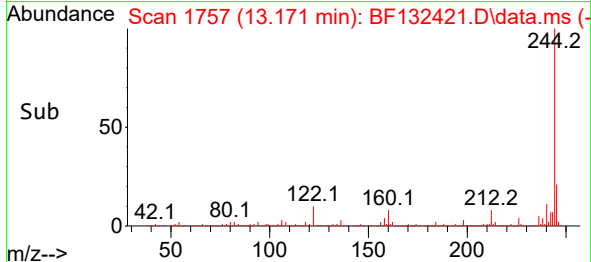
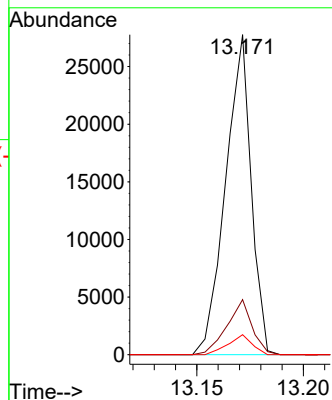
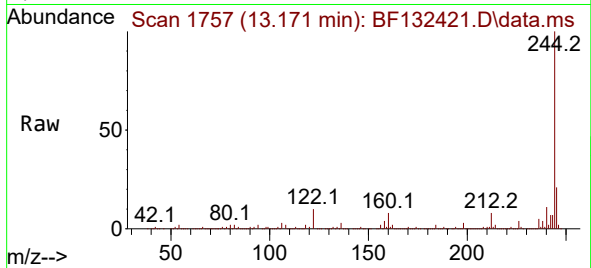




#77
Benzidine
Concen: 3.447 ng
RT: 13.171 min Scan# 1757
Delta R.T. 0.247 min
Lab File: BF132421.D
Acq: 13 Feb 2023 21:19

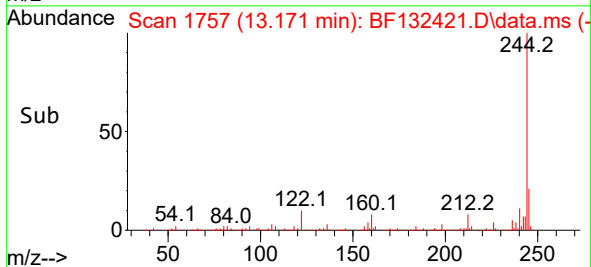
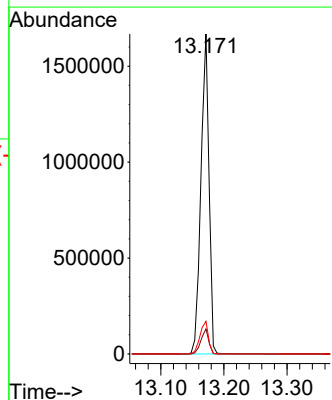
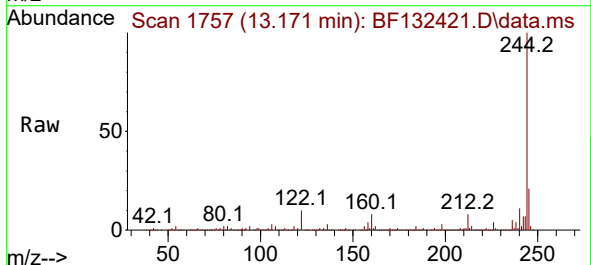
Instrument :
BNA_F
ClientSampleId :

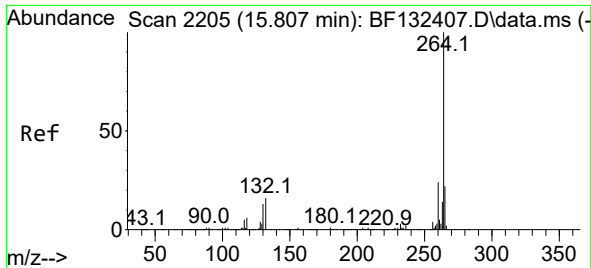
Tgt Ion:184 Resp: 23153
Ion Ratio Lower Upper
184 100
185 17.2 12.2 18.2
183 6.2 9.3 13.9#



#79
Terphenyl-d14
Concen: 52.453 ng
RT: 13.171 min Scan# 1757
Delta R.T. -0.000 min
Lab File: BF132421.D
Acq: 13 Feb 2023 21:19

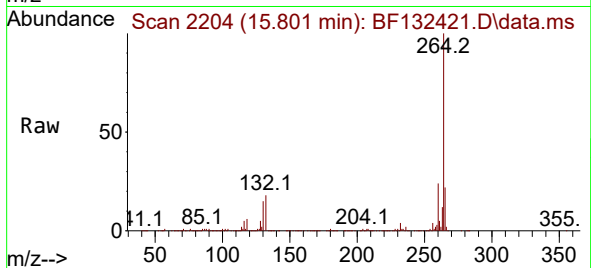
Tgt Ion:244 Resp: 1472394
Ion Ratio Lower Upper
244 100
212 7.8 6.3 9.5
122 10.2 8.2 12.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.801 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF132421.D
 Acq: 13 Feb 2023 21:19

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:264 Resp: 469571
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.1 28.7
 265 21.8 17.7 26.5

