

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030923\
 Data File : BF132726.D
 Acq On : 09 Mar 2023 19:35
 Operator : CG\JU
 Sample : 01832-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 10 03:39:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 09 16:26:19 2023
 Response via : Initial Calibration

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

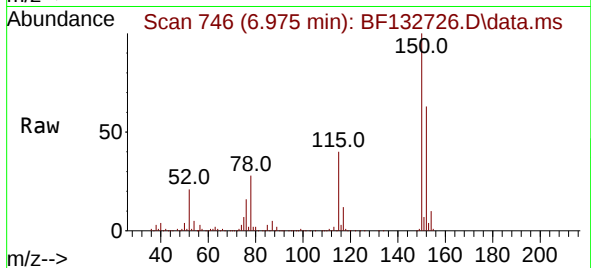
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.975	152	188847	20.000	ng	0.00
21) Naphthalene-d8	8.263	136	667861	20.000	ng	0.00
39) Acenaphthene-d10	10.028	164	348988	20.000	ng	0.00
64) Phenanthrene-d10	11.522	188	557026	20.000	ng	0.00
76) Chrysene-d12	14.180	240	438832	20.000	ng	0.00
86) Perylene-d12	15.721	264	469993	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.604	112	723544	62.182	ng	0.00
7) Phenol-d6	6.604	99	630773	41.537	ng	-0.02
23) Nitrobenzene-d5	7.545	82	927351	65.878	ng	-0.01
42) 2,4,6-Tribromophenol	10.822	330	322007	85.437	ng	0.00
45) 2-Fluorobiphenyl	9.339	172	1513232	66.023	ng	0.00
79) Terphenyl-d14	13.110	244	1313448	50.605	ng	0.00
Target Compounds						
						Qvalue
18) Hexachloroethane	7.463	117	12683	2.509	ng	# 1
19) n-Nitroso-di-n-propyla...	7.545	70	122264	13.082	ng	# 75
22) Acetophenone	7.363	105	63330	3.761	ng	# 50
25) Isophorone	7.545	82	926054	34.313	ng	# 67
31) Naphthalene	8.287	128	1166641	34.122	ng	99
32) Benzoic acid	8.051	122	307	3.870	ng	# 1
33) 4-Chloroaniline	8.287	127	156336	10.670	ng	# 36
37) 2-Methylnaphthalene	8.981	142	153305	6.580	ng	98
38) 1-Methylnaphthalene	9.075	142	65134	2.991	ng	94
51) 2,6-Dinitrotoluene	10.028	165	46910	8.106	ng	# 22
57) 2,4-Dinitrotoluene	10.028	165	46910	6.093	ng	# 21
63) Azobenzene	10.739	77	115289	4.386	ng	# 1
67) 4-Bromophenyl-phenylether	10.822	248	21558	3.421	ng	# 1
74) Di-n-butylphthalate	12.069	149	197617	6.288	ng	98

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

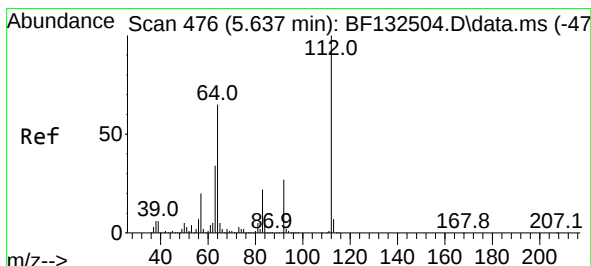
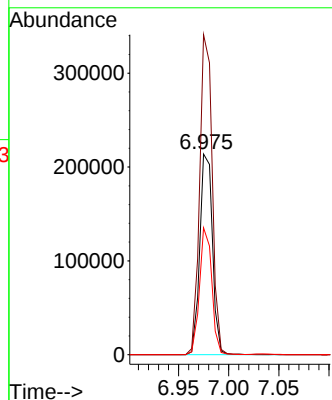
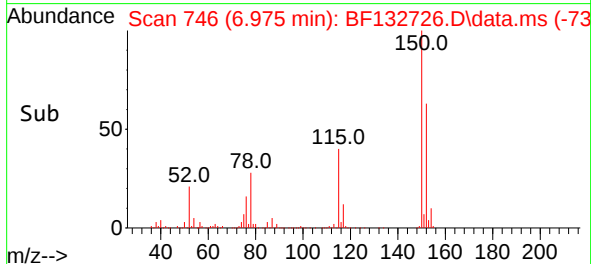


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.975 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF132726.D
Acq: 09 Mar 2023 19:35

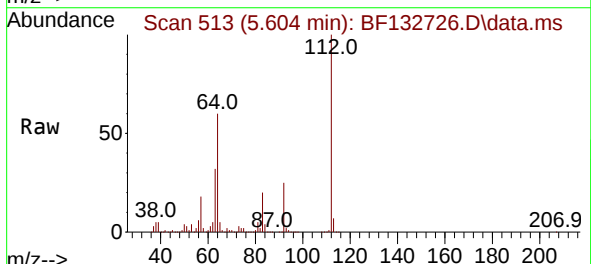
Instrument :
BNA_F
ClientSampleId :



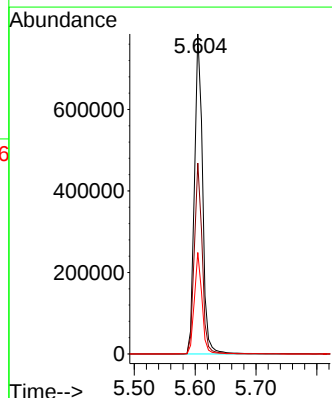
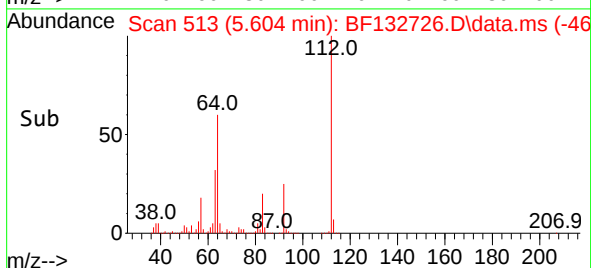
Tgt Ion:152 Resp: 188847
Ion Ratio Lower Upper
152 100
150 159.5 125.4 188.2
115 63.2 47.8 71.6

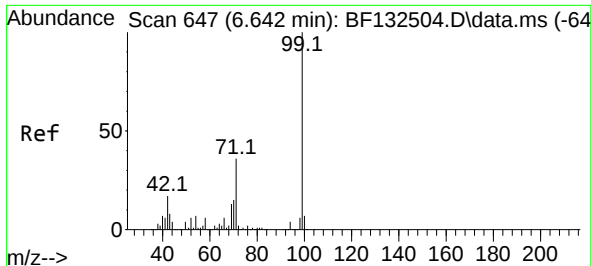


#5
2-Fluorophenol
Concen: 62.182 ng
RT: 5.604 min Scan# 513
Delta R.T. -0.006 min
Lab File: BF132726.D
Acq: 09 Mar 2023 19:35



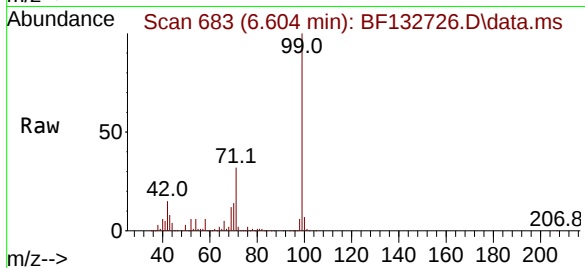
Tgt Ion:112 Resp: 723544
Ion Ratio Lower Upper
112 100
64 59.6 51.6 77.4
63 31.7 27.4 41.2



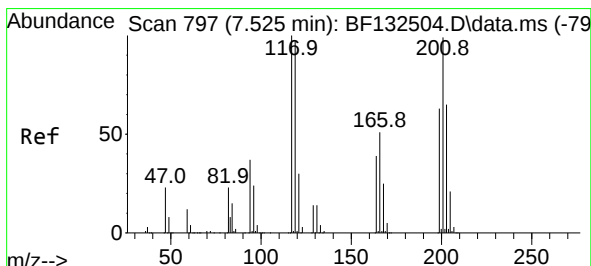
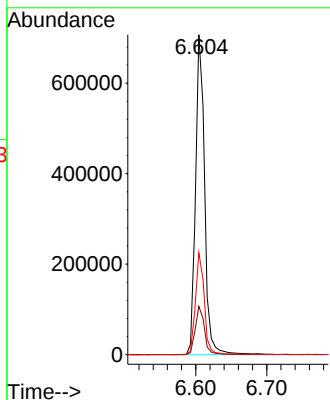
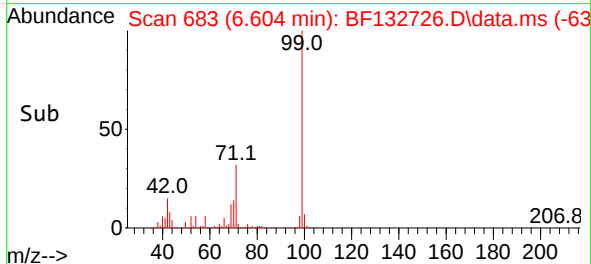


#7
Phenol-d6
Concen: 41.537 ng
RT: 6.604 min Scan# 61
Delta R.T. -0.017 min
Lab File: BF132726.D
Acq: 09 Mar 2023 19:35

Instrument :
BNA_F
ClientSampleId :

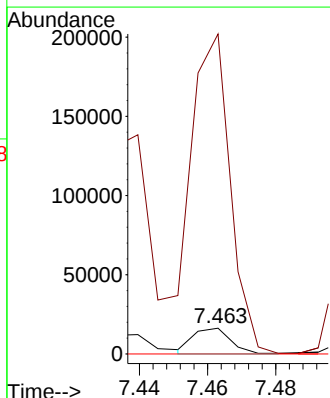
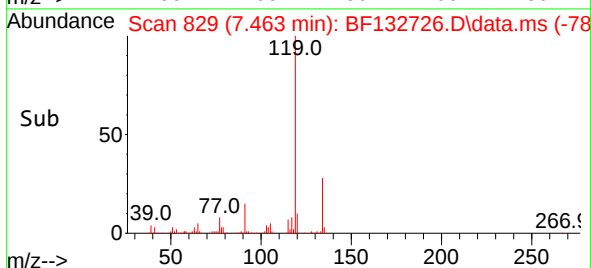
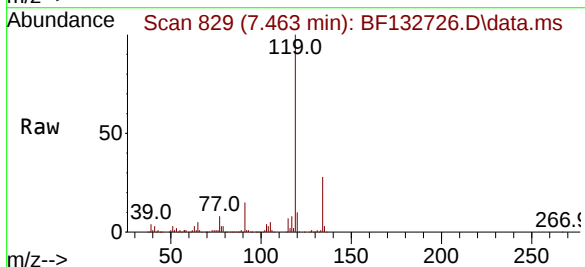


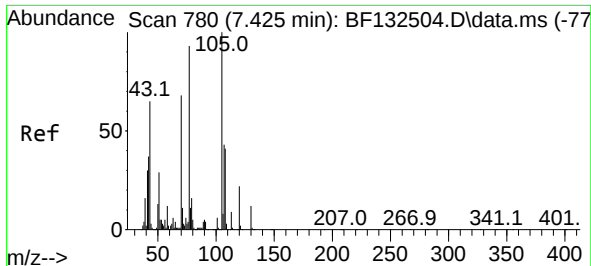
Tgt Ion: 99 Resp: 630773
Ion Ratio Lower Upper
99 100
42 15.1 13.9 20.9
71 31.8 28.5 42.7



#18
Hexachloroethane
Concen: 2.509 ng
RT: 7.463 min Scan# 829
Delta R.T. -0.029 min
Lab File: BF132726.D
Acq: 09 Mar 2023 19:35

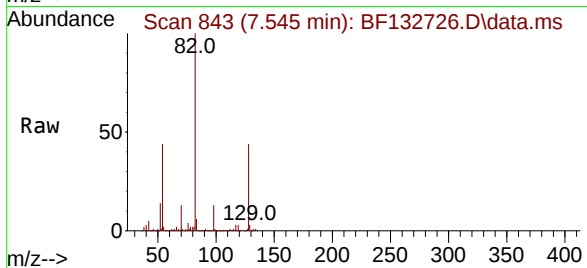
Tgt Ion: 117 Resp: 12683
Ion Ratio Lower Upper
117 100
119 1238.6 78.0 117.0#
201 0.0 79.0 118.4#



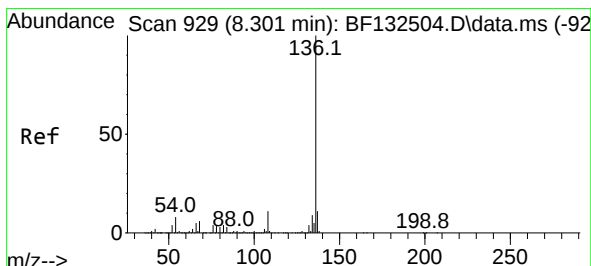
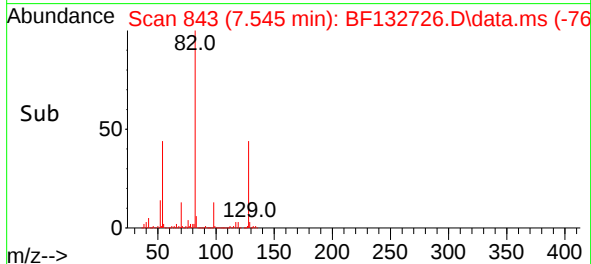
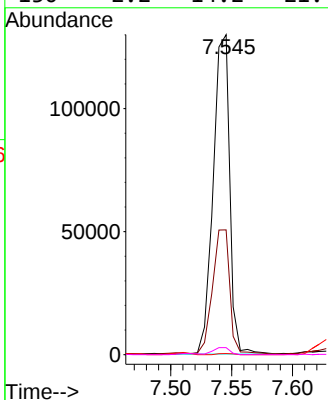


#19
n-Nitroso-di-n-propylamine
Concen: 13.082 ng
RT: 7.545 min Scan# 84
Delta R.T. 0.147 min
Lab File: BF132726.D
Acq: 09 Mar 2023 19:35

Instrument :
BNA_F
ClientSampleId :

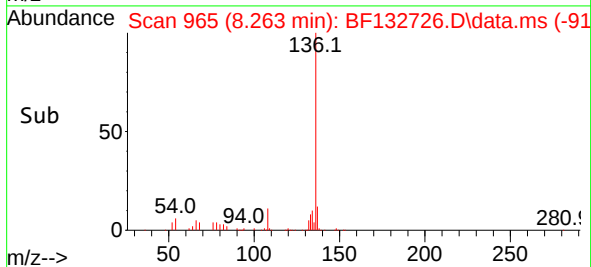
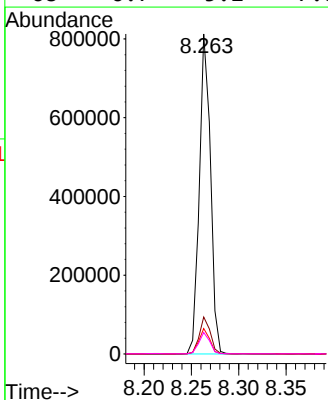
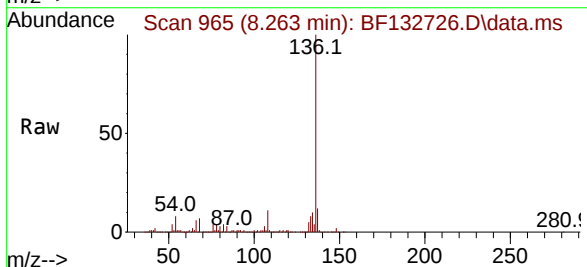


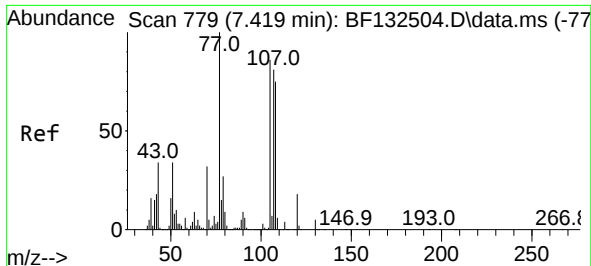
Tgt Ion: 70 Resp: 122264
Ion Ratio Lower Upper
70 100
42 39.0 44.1 66.1#
101 0.3 7.4 11.2#
130 2.2 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.263 min Scan# 965
Delta R.T. -0.006 min
Lab File: BF132726.D
Acq: 09 Mar 2023 19:35

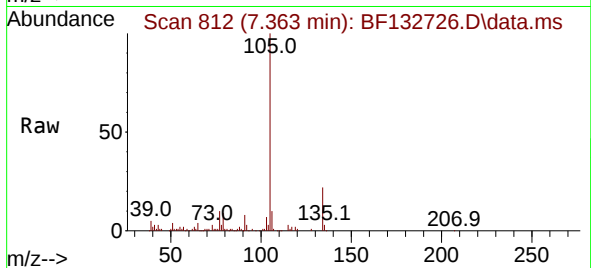
Tgt Ion:136 Resp: 667861
Ion Ratio Lower Upper
136 100
137 11.6 8.9 13.3
54 8.0 6.2 9.4
68 6.7 5.2 7.8



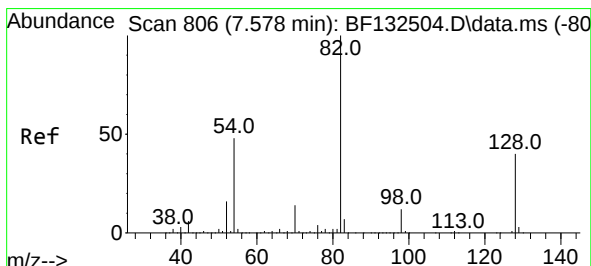
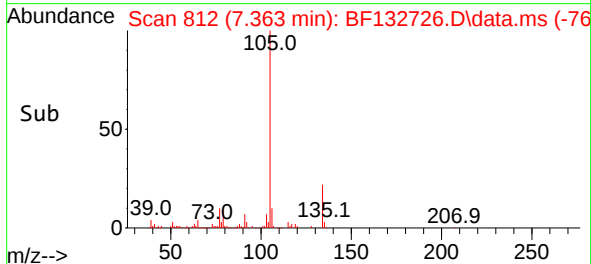
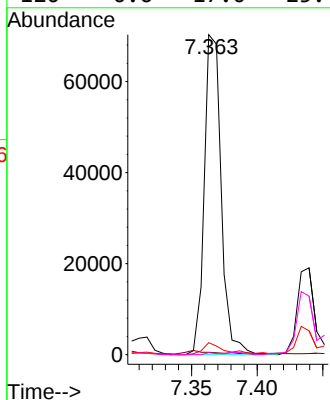


#22
Acetophenone
Concen: 3.761 ng
RT: 7.363 min Scan# 811
Delta R.T. -0.035 min
Lab File: BF132726.D
Acq: 09 Mar 2023 19:35

Instrument :
BNA_F
ClientSampleId :

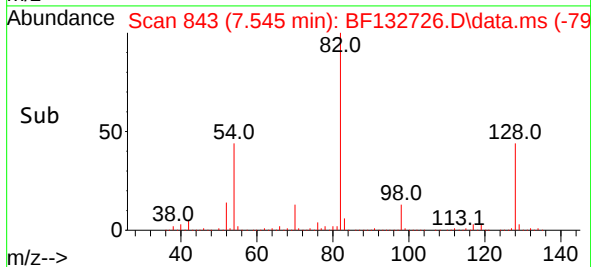
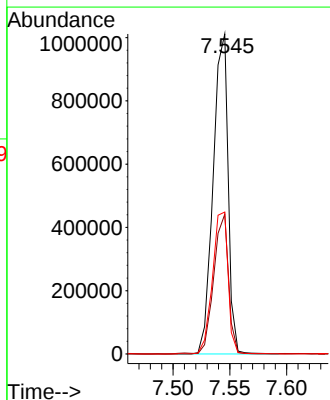
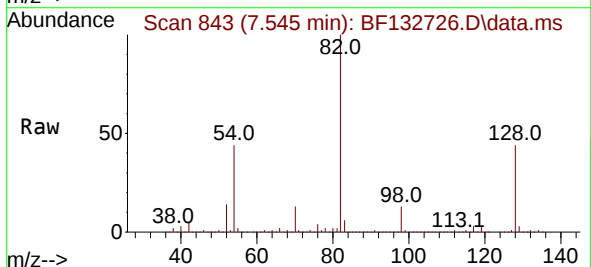


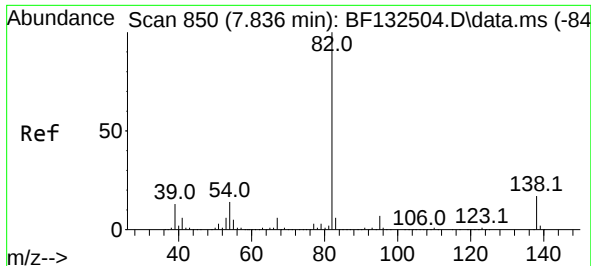
Tgt Ion:105 Resp: 63330
Ion Ratio Lower Upper
105 100
71 0.7 5.0 7.4#
51 3.8 31.5 47.3#
120 0.6 17.0 25.4#



#23
Nitrobenzene-d5
Concen: 65.878 ng
RT: 7.545 min Scan# 843
Delta R.T. -0.012 min
Lab File: BF132726.D
Acq: 09 Mar 2023 19:35

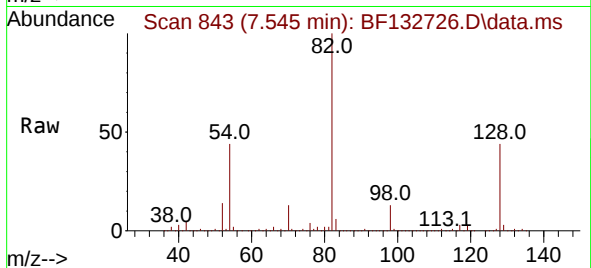
Tgt Ion: 82 Resp: 927351
Ion Ratio Lower Upper
82 100
128 43.7 32.2 48.2
54 44.3 38.4 57.6



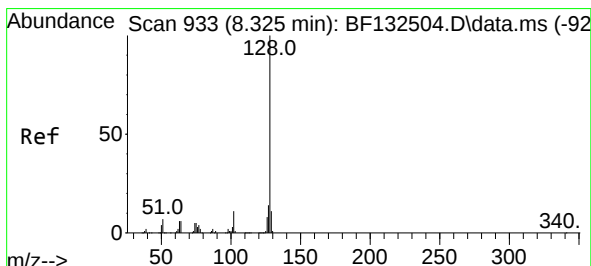
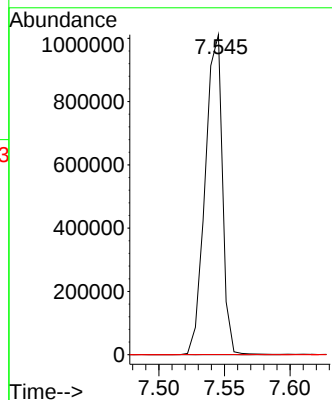
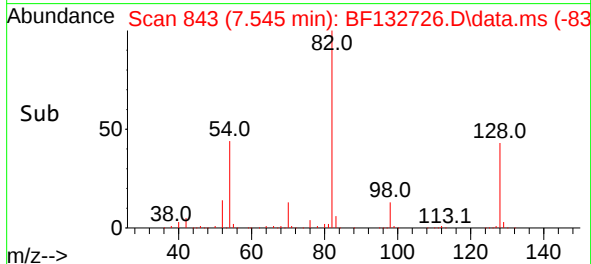


#25
Isophorone
Concen: 34.313 ng
RT: 7.545 min Scan# 84
Delta R.T. -0.264 min
Lab File: BF132726.D
Acq: 09 Mar 2023 19:35

Instrument :
BNA_F
ClientSampleId :

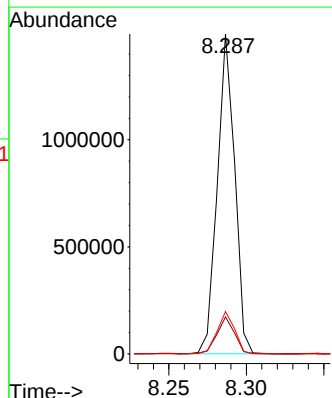
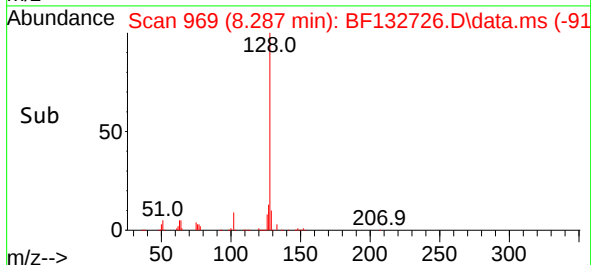
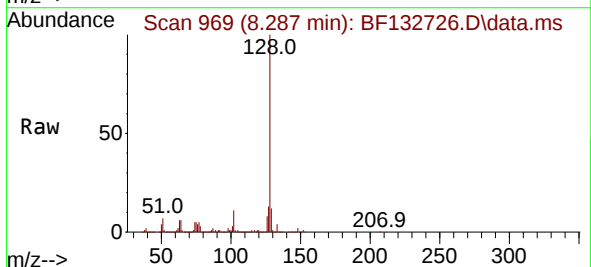


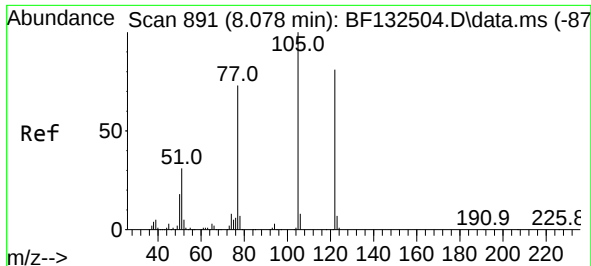
Tgt Ion: 82 Resp: 926054
Ion Ratio Lower Upper
82 100
95 0.1 5.7 8.5#
138 0.0 13.3 19.9#



#31
Naphthalene
Concen: 34.122 ng
RT: 8.287 min Scan# 969
Delta R.T. -0.006 min
Lab File: BF132726.D
Acq: 09 Mar 2023 19:35

Tgt Ion: 128 Resp: 1166641
Ion Ratio Lower Upper
128 100
129 11.6 9.1 13.7
127 13.2 11.0 16.6

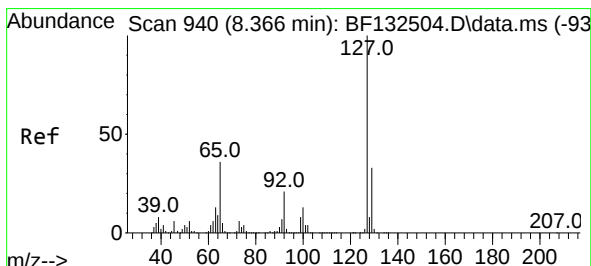
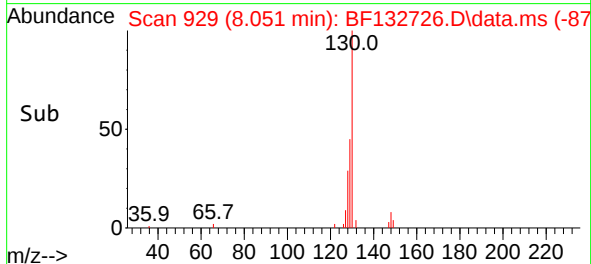
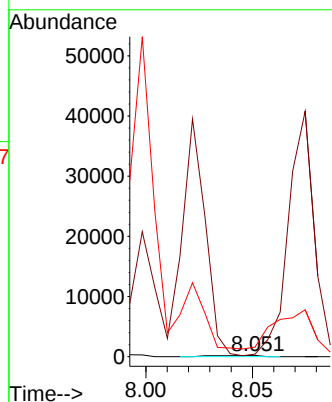
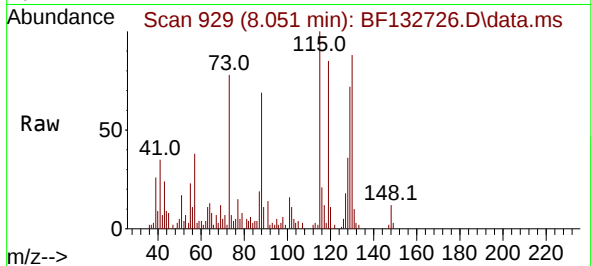




#32
Benzoic acid
Concen: 3.870 ng
RT: 8.051 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF132726.D
Acq: 09 Mar 2023 19:35

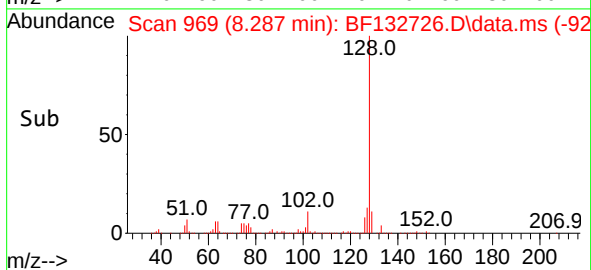
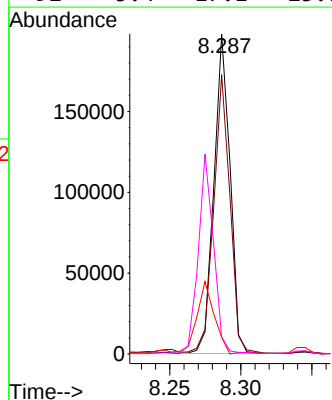
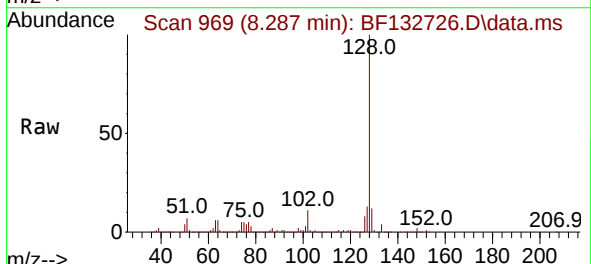
Instrument :
BNA_F
ClientSampleId :

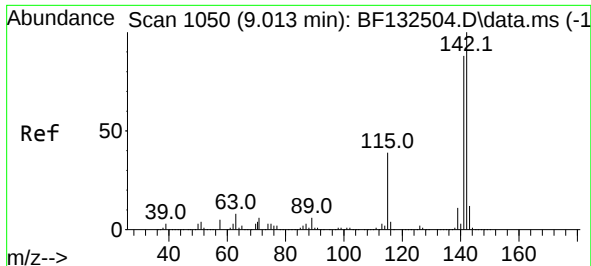
Tgt Ion:122 Resp: 307
Ion Ratio Lower Upper
122 100
105 209.8 102.6 142.6#
77 773.2 70.2 110.2#



#33
4-Chloroaniline
Concen: 10.670 ng
RT: 8.287 min Scan# 969
Delta R.T. -0.053 min
Lab File: BF132726.D
Acq: 09 Mar 2023 19:35

Tgt Ion:127 Resp: 156336
Ion Ratio Lower Upper
127 100
129 87.3 26.4 39.6#
65 5.2 28.8 43.2#
92 5.4 17.1 25.7#





#37

2-Methylnaphthalene

Concen: 6.580 ng

RT: 8.981 min Scan# 1103

Delta R.T. -0.006 min

Lab File: BF132726.D

Acq: 09 Mar 2023 19:35

Instrument :

BNA_F

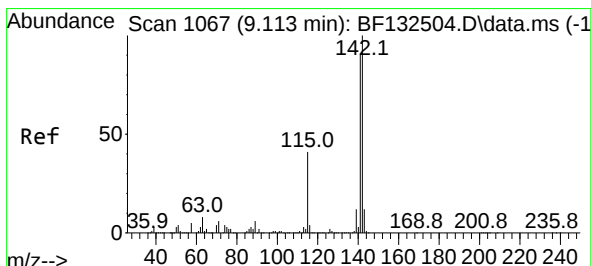
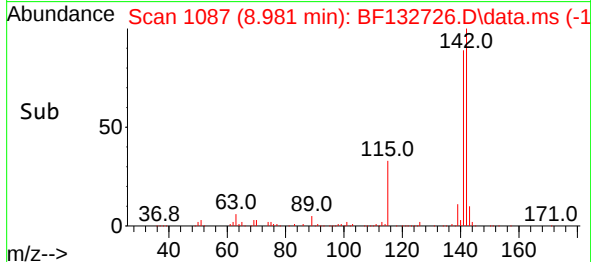
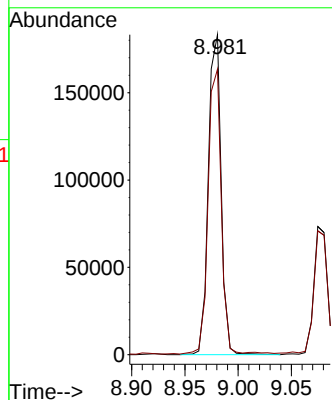
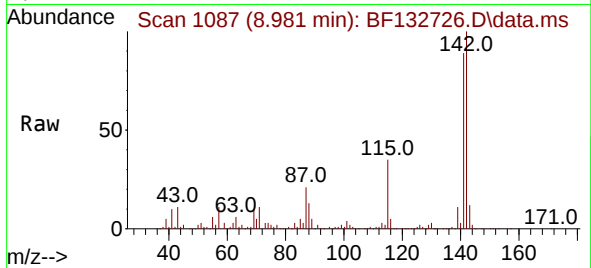
ClientSampleId :

Tgt Ion:142 Resp: 153305

Ion Ratio Lower Upper

142 100

141 89.2 70.2 105.2



#38

1-Methylnaphthalene

Concen: 2.991 ng

RT: 9.075 min Scan# 1103

Delta R.T. -0.012 min

Lab File: BF132726.D

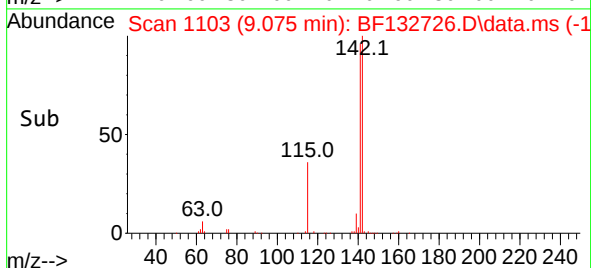
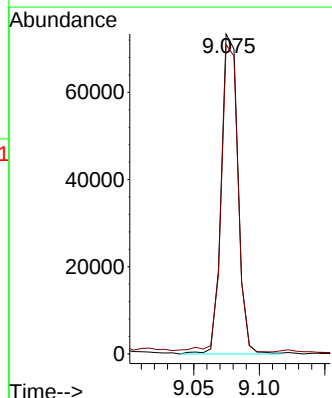
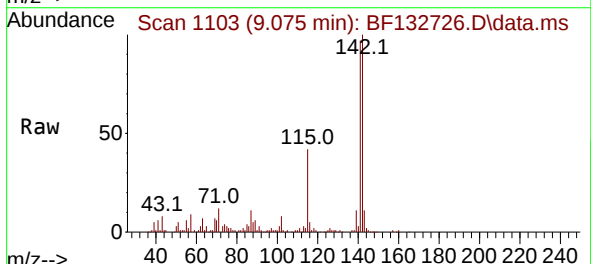
Acq: 09 Mar 2023 19:35

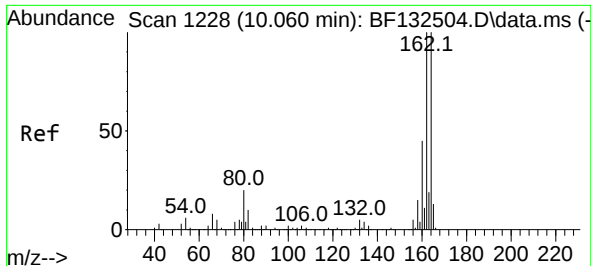
Tgt Ion:142 Resp: 65134

Ion Ratio Lower Upper

142 100

141 96.7 73.0 109.6

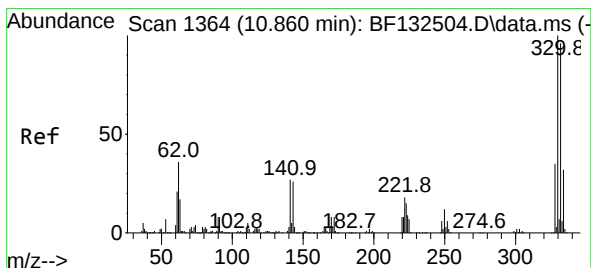
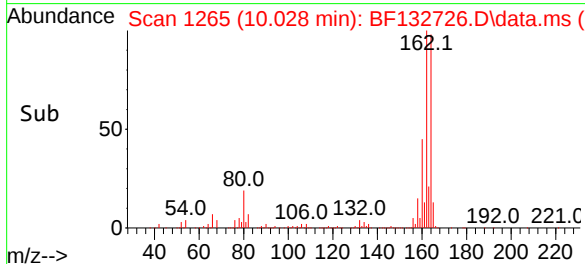
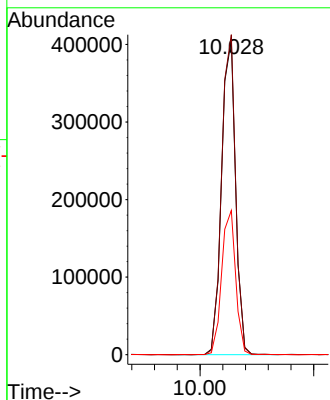
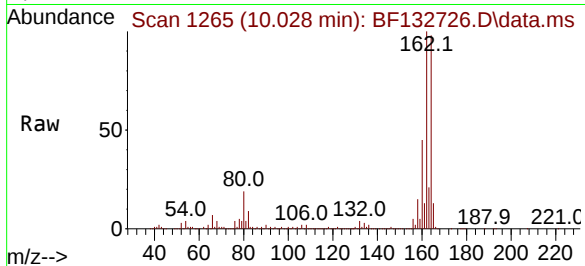




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.028 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132726.D
Acq: 09 Mar 2023 19:35

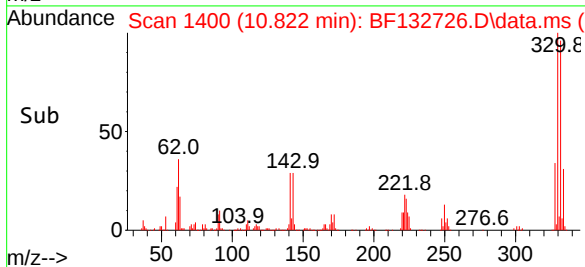
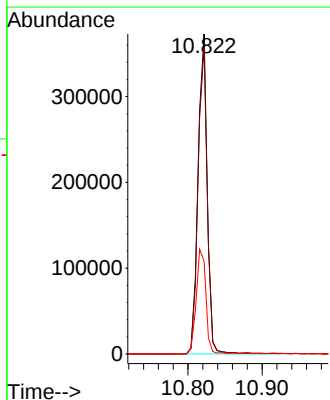
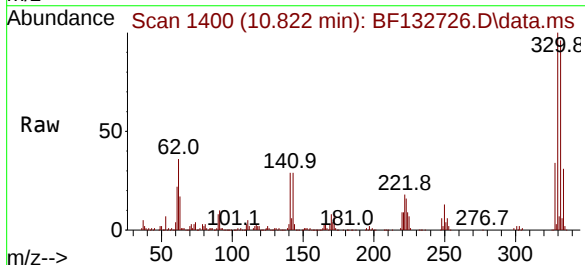
Instrument :
BNA_F
ClientSampleId :

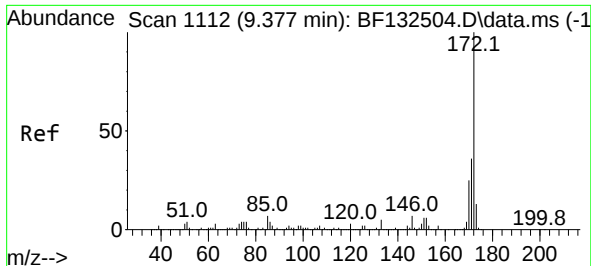
Tgt Ion:164 Resp: 348988
Ion Ratio Lower Upper
164 100
162 101.6 79.8 119.8
160 45.8 35.8 53.6



#42
2,4,6-Tribromophenol
Concen: 85.437 ng
RT: 10.822 min Scan# 1400
Delta R.T. -0.006 min
Lab File: BF132726.D
Acq: 09 Mar 2023 19:35

Tgt Ion:330 Resp: 322007
Ion Ratio Lower Upper
330 100
332 96.2 76.2 114.4
141 34.1 28.4 42.6

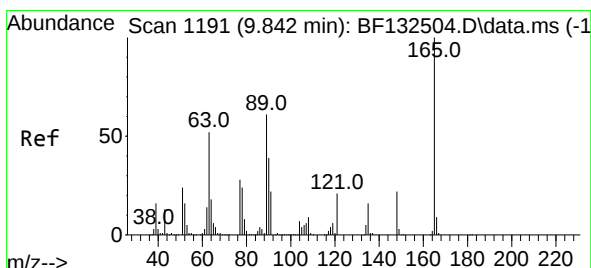
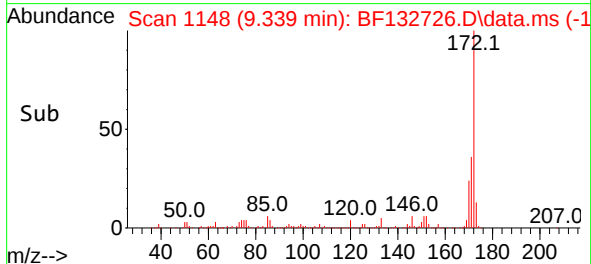
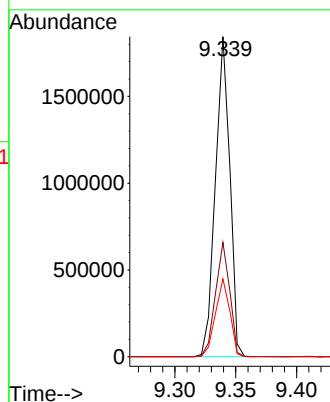
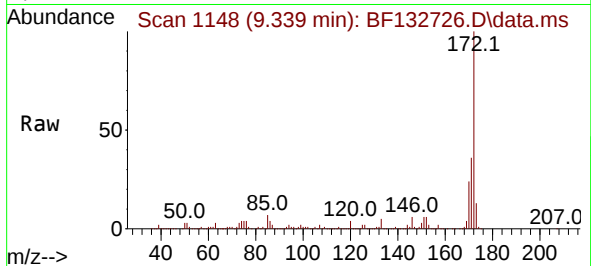




#45
2-Fluorobiphenyl
Concen: 66.023 ng
RT: 9.339 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BF132726.D
Acq: 09 Mar 2023 19:35

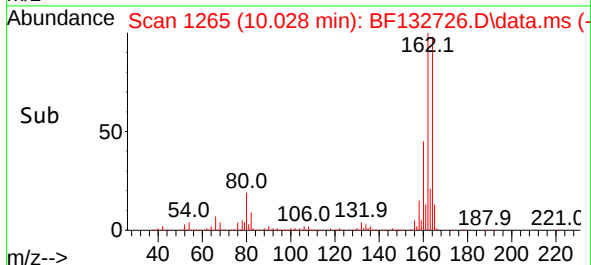
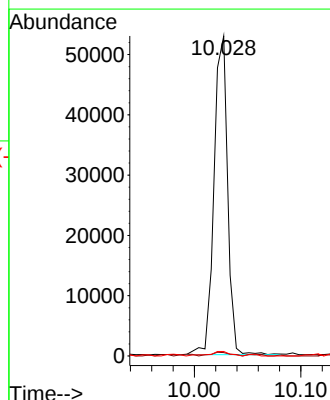
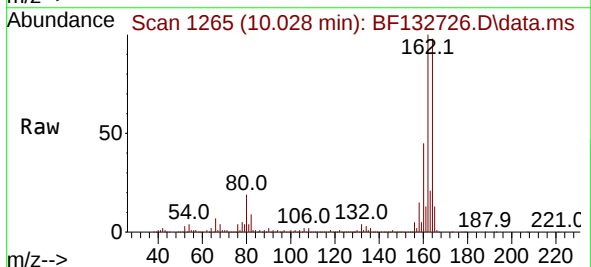
Instrument :
BNA_F
ClientSampleId :

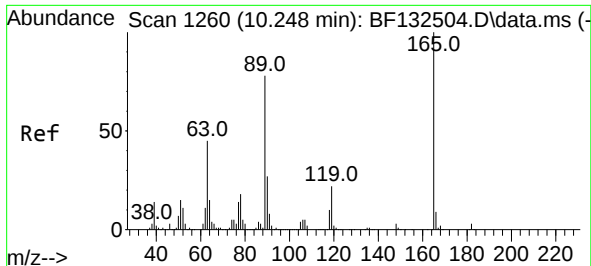
Tgt Ion:172 Resp: 1513232
Ion Ratio Lower Upper
172 100
171 35.7 28.8 43.2
170 24.3 19.7 29.5



#51
2,6-Dinitrotoluene
Concen: 8.106 ng
RT: 10.028 min Scan# 1265
Delta R.T. 0.212 min
Lab File: BF132726.D
Acq: 09 Mar 2023 19:35

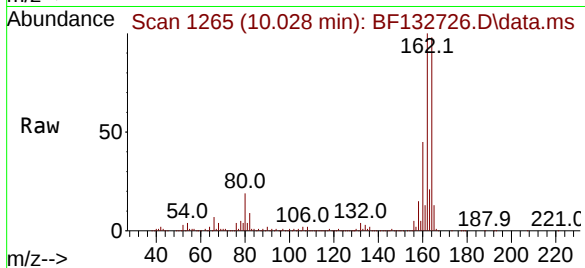
Tgt Ion:165 Resp: 46910
Ion Ratio Lower Upper
165 100
63 1.1 47.3 70.9#
89 1.4 48.9 73.3#



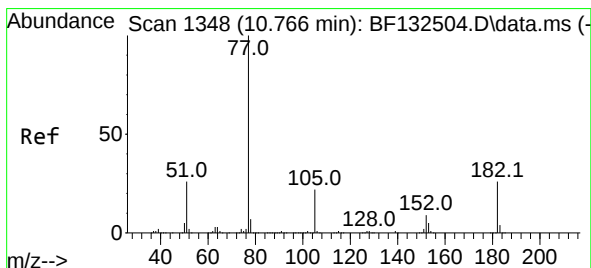
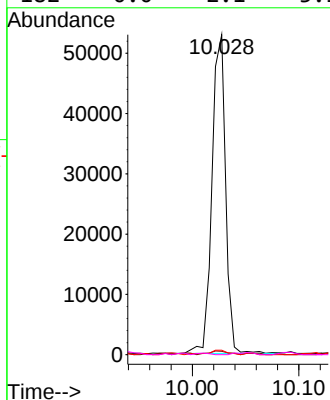
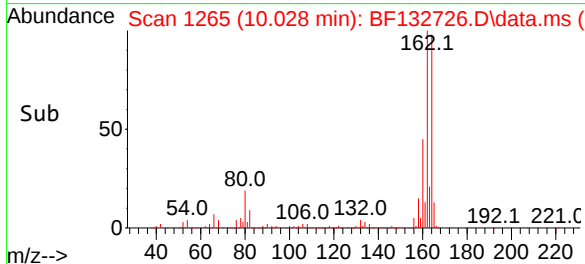


#57
2,4-Dinitrotoluene
Concen: 6.093 ng
RT: 10.028 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF132726.D
Acq: 09 Mar 2023 19:35

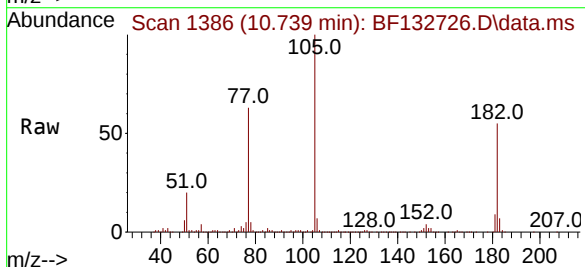
Instrument :
BNA_F
ClientSampleId :



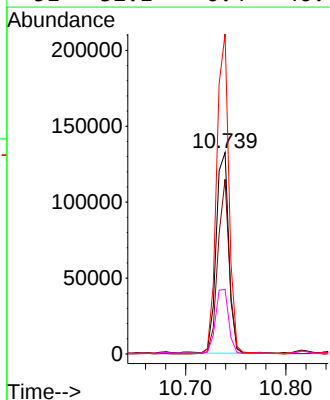
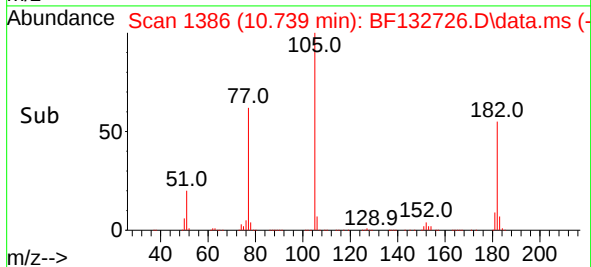
Tgt Ion:165 Resp: 46910
Ion Ratio Lower Upper
165 100
63 1.1 36.5 54.7#
89 1.4 62.4 93.6#
182 0.0 2.1 3.1#

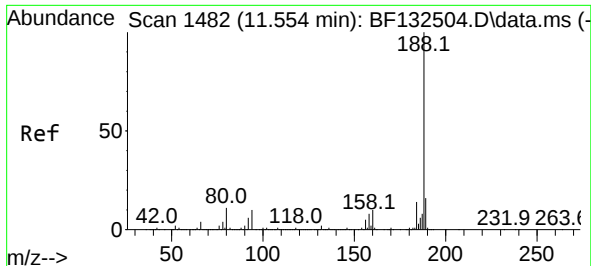


#63
Azobenzene
Concen: 4.386 ng
RT: 10.739 min Scan# 1386
Delta R.T. 0.006 min
Lab File: BF132726.D
Acq: 09 Mar 2023 19:35



Tgt Ion: 77 Resp: 115289
Ion Ratio Lower Upper
77 100
182 86.8 5.5 45.5#
105 158.9 1.8 41.8#
51 32.1 6.4 46.4

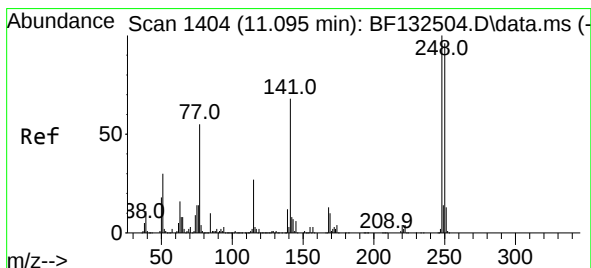
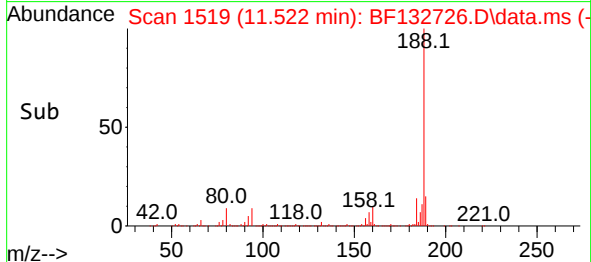
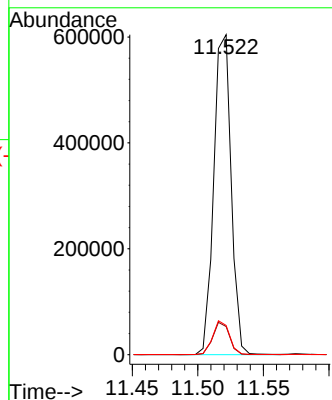
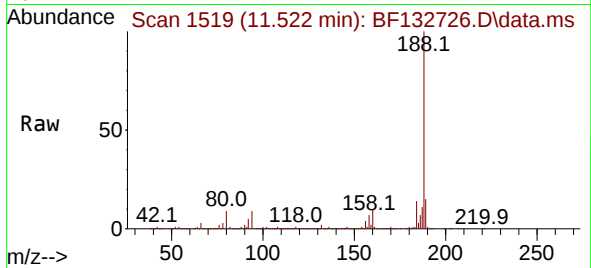




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.522 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132726.D
Acq: 09 Mar 2023 19:35

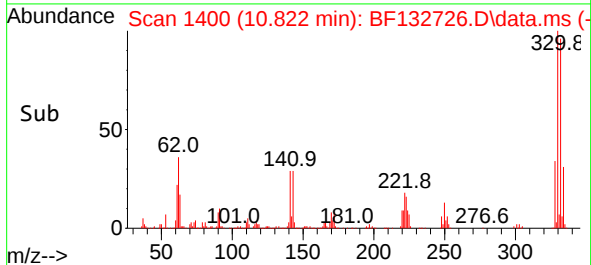
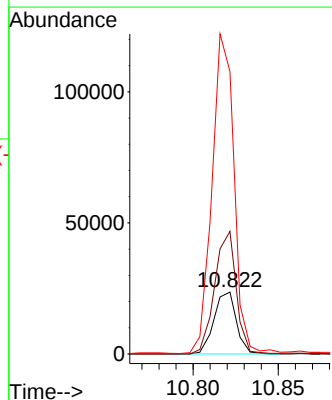
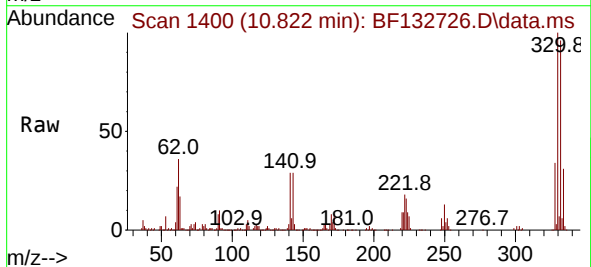
Instrument :
BNA_F
ClientSampleId :

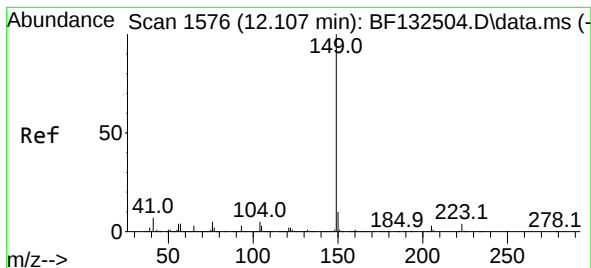
Tgt Ion:188 Resp: 557026
Ion Ratio Lower Upper
188 100
94 8.8 8.3 12.5
80 9.2 8.7 13.1



#67
4-Bromophenyl-phenylether
Concen: 3.421 ng
RT: 10.822 min Scan# 1400
Delta R.T. -0.241 min
Lab File: BF132726.D
Acq: 09 Mar 2023 19:35

Tgt Ion:248 Resp: 21558
Ion Ratio Lower Upper
248 100
250 198.1 77.0 115.4#
141 456.3 54.2 81.2#





#74

Di-n-butylphthalate

Concen: 6.288 ng

RT: 12.069 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF132726.D

Acq: 09 Mar 2023 19:35

Instrument :

BNA_F

ClientSampleId :

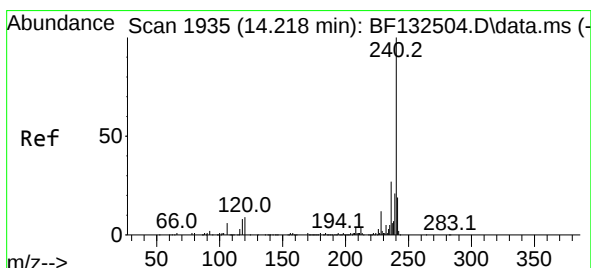
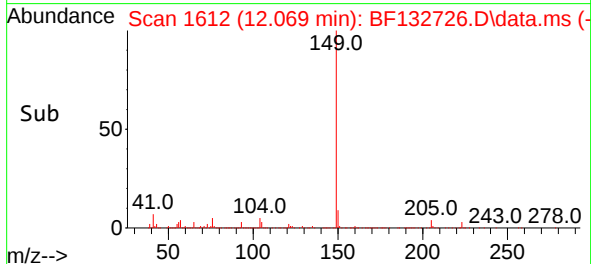
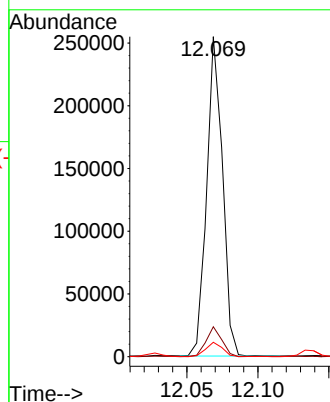
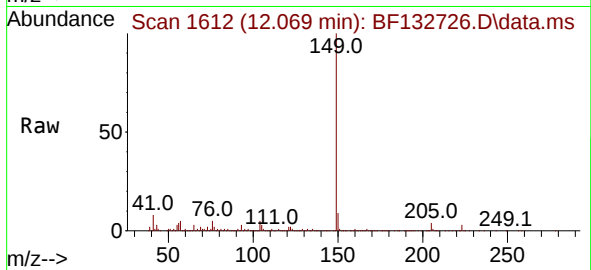
Tgt Ion:149 Resp: 197617

Ion Ratio Lower Upper

149 100

150 9.3 7.8 11.8

104 4.5 4.3 6.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.180 min Scan# 1971

Delta R.T. -0.006 min

Lab File: BF132726.D

Acq: 09 Mar 2023 19:35

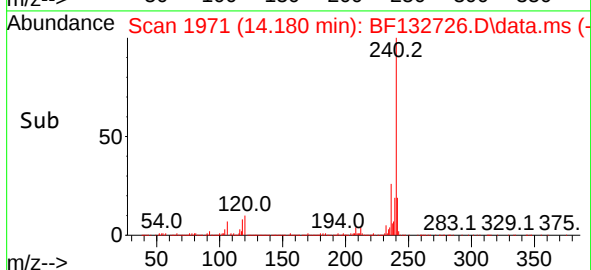
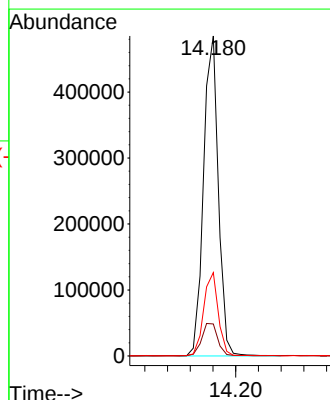
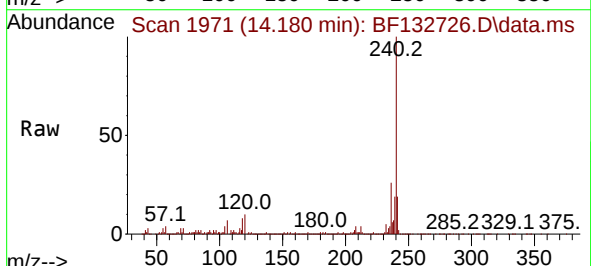
Tgt Ion:240 Resp: 438832

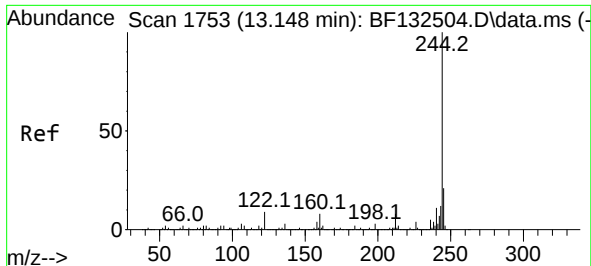
Ion Ratio Lower Upper

240 100

120 10.0 7.2 10.8

236 26.0 21.8 32.6

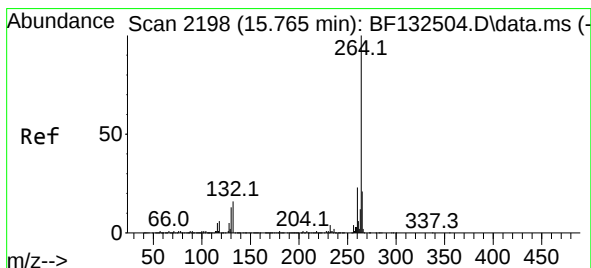
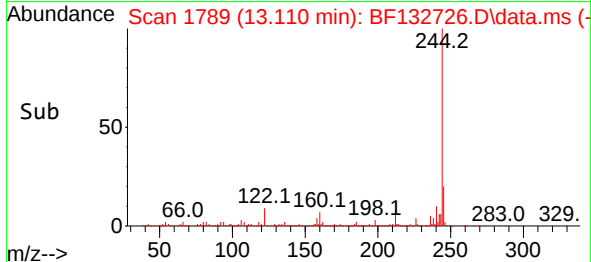
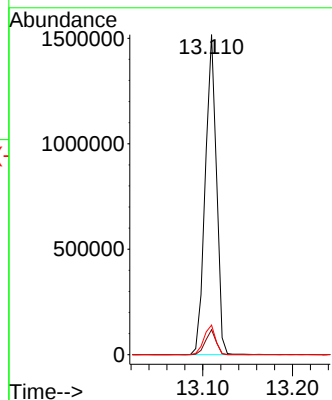
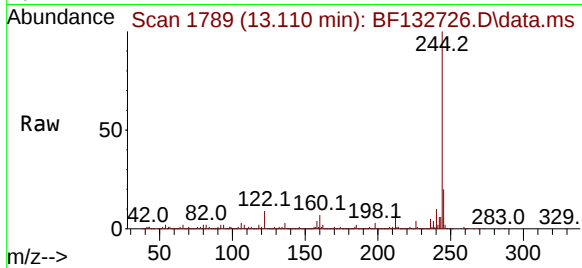




#79
 Terphenyl-d14
 Concen: 50.605 ng
 RT: 13.110 min Scan# 1
 Delta R.T. -0.006 min
 Lab File: BF132726.D
 Acq: 09 Mar 2023 19:35

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:244 Resp: 1313448
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.5 9.7
 122 9.3 7.5 11.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.721 min Scan# 2233
 Delta R.T. -0.006 min
 Lab File: BF132726.D
 Acq: 09 Mar 2023 19:35

Tgt Ion:264 Resp: 469993
 Ion Ratio Lower Upper
 264 100
 260 24.9 18.8 28.2
 265 21.6 17.1 25.7

