

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070523\
 Data File : BF134075.D
 Acq On : 05 Jul 2023 19:48
 Operator : CG\JU
 Sample : 03291-03DL 2X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 06 00:21:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 30 18:35:29 2023
 Response via : Initial Calibration

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

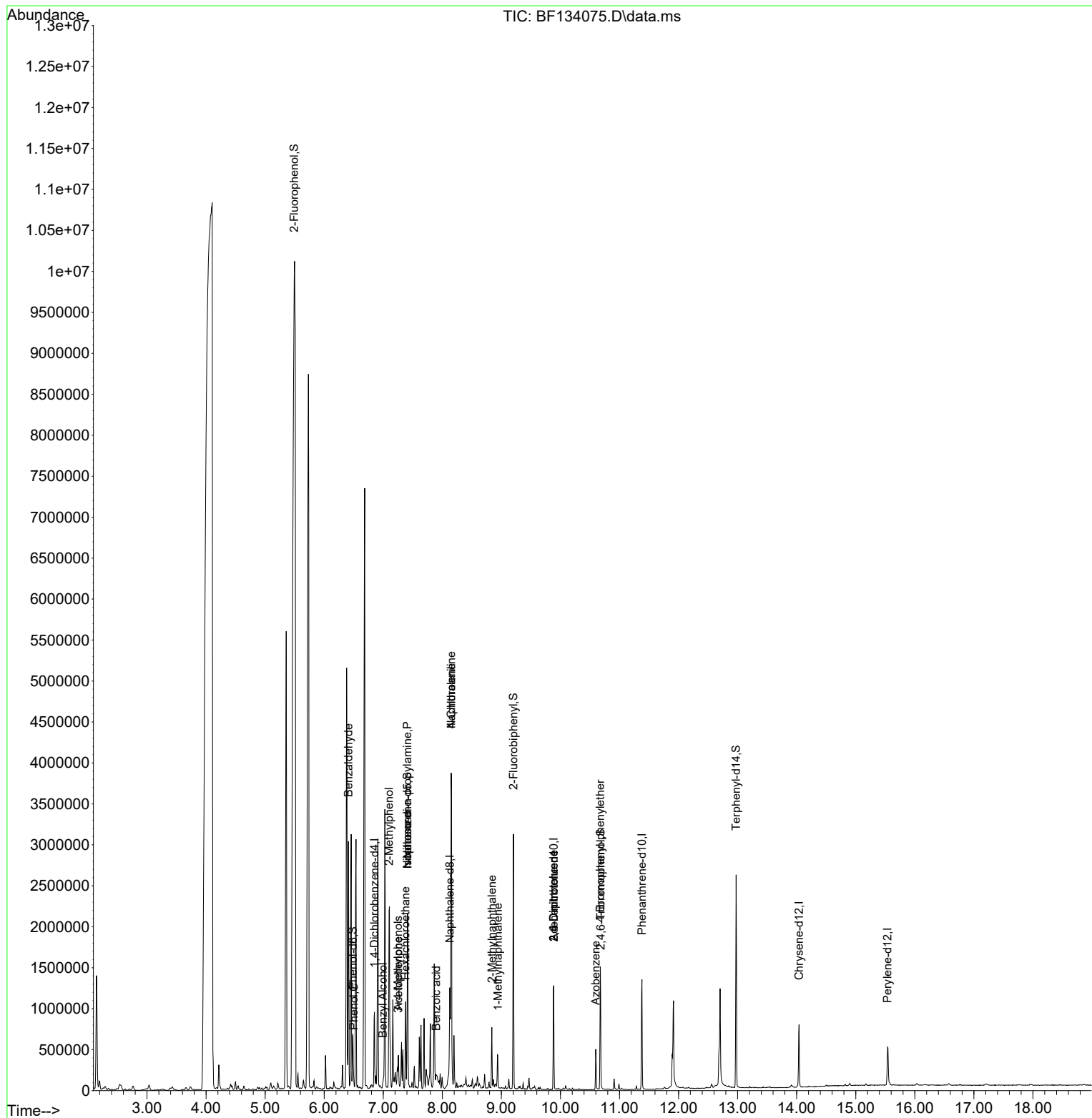
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	137084	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	516786	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	255309	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	501500	20.000	ng	0.00
76) Chrysene-d12	14.039	240	263296	20.000	ng	-0.01
86) Perylene-d12	15.539	264	241785	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	140946	17.199	ng	0.00
7) Phenol-d6	6.487	99	208328	20.671	ng	0.00
23) Nitrobenzene-d5	7.410	82	458070	47.781	ng	-0.01
42) 2,4,6-Tribromophenol	10.680	330	181742	56.775	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	859549	48.948	ng	0.00
79) Terphenyl-d14	12.974	244	853543	52.174	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.410	77	114545	17.662	ng	# 1
10) Phenol	6.498	94	29830	2.815	ng	97
15) Benzyl Alcohol	6.992	79	24359	3.135	ng	98
17) 2-Methylphenol	7.098	107	321978	43.222	ng	96
18) Hexachloroethane	7.375	117	80412	24.209	ng	# 1
19) n-Nitroso-di-n-propyla...	7.410	70	64039	10.020	ng	# 78
20) 3+4-Methylphenols	7.251	107	68487	7.578	ng	# 63
22) Acetophenone	7.257	105	32959	2.804	ng	# 95
25) Isophorone	7.410	82	456389	26.194	ng	# 64
31) Naphthalene	8.151	128	1716818	68.776	ng	98
32) Benzoic acid	7.898	122	12121	2.199	ng	# 58
33) 4-Chloroaniline	8.151	127	233676	21.884	ng	# 32
37) 2-Methylnaphthalene	8.839	142	163962	9.288	ng	100
38) 1-Methylnaphthalene	8.939	142	79577	4.849	ng	100
51) 2,6-Dinitrotoluene	9.886	165	33962	8.508	ng	# 24
57) 2,4-Dinitrotoluene	9.886	165	33962	6.443	ng	# 22
63) Azobenzene	10.598	77	83740	4.585	ng	# 4
67) 4-Bromophenyl-phenylether	10.675	248	11004	2.064	ng	# 1

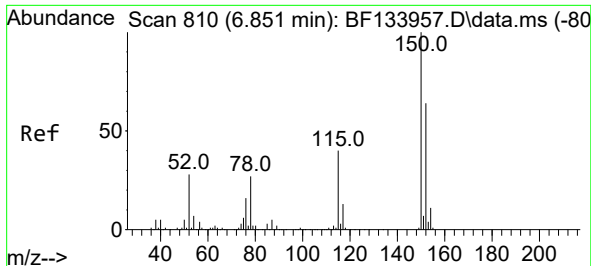
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070523\
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ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
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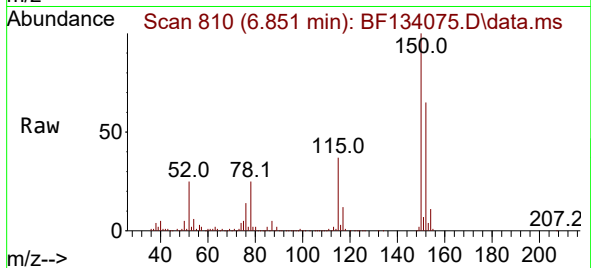
Quant Time: Jul 06 00:21:43 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 30 18:35:29 2023
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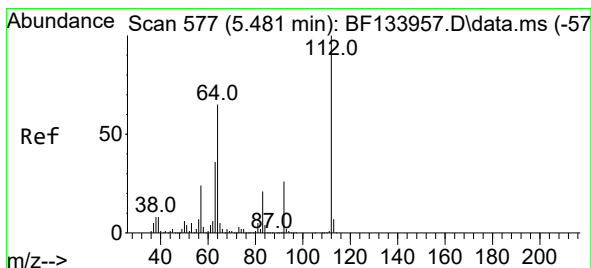
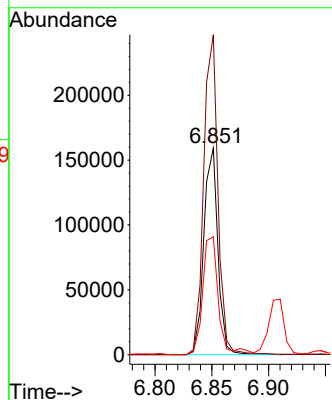
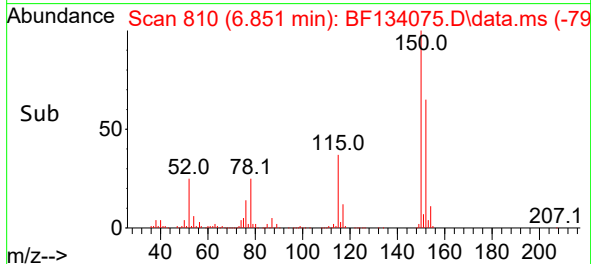


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 810
Delta R.T. 0.000 min
Lab File: BF134075.D
Acq: 05 Jul 2023 19:48

Instrument :
BNA_F
ClientSampleId :

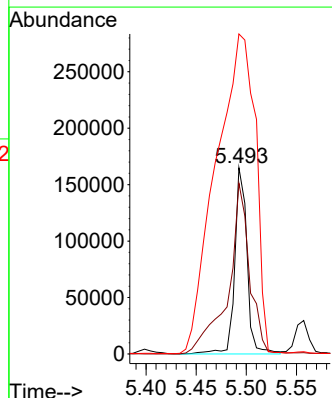
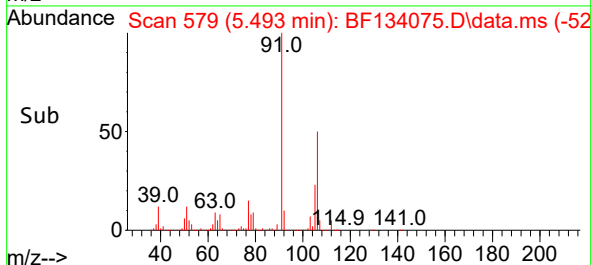
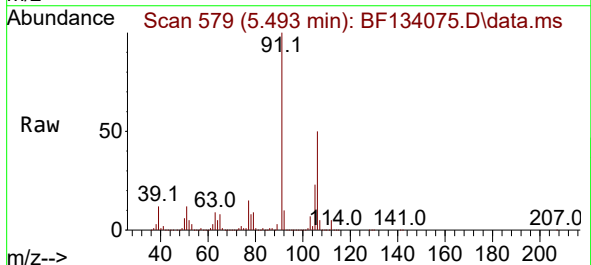


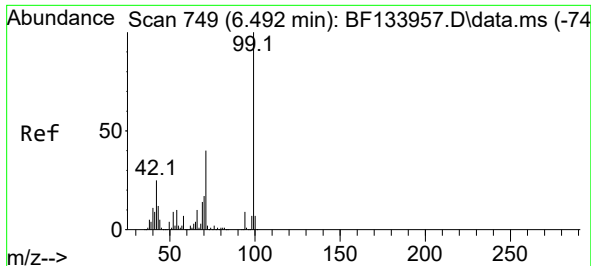
Tgt Ion:152 Resp: 137084
Ion Ratio Lower Upper
152 100
150 154.9 124.5 186.7
115 57.1 50.2 75.2



#5
2-Fluorophenol
Concen: 17.199 ng
RT: 5.493 min Scan# 579
Delta R.T. 0.006 min
Lab File: BF134075.D
Acq: 05 Jul 2023 19:48

Tgt Ion:112 Resp: 140946
Ion Ratio Lower Upper
112 100
64 91.6 52.1 78.1#
63 171.8 28.6 42.8#

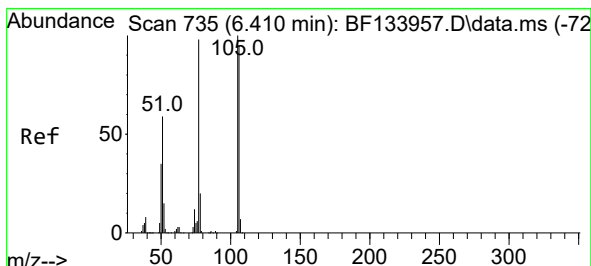
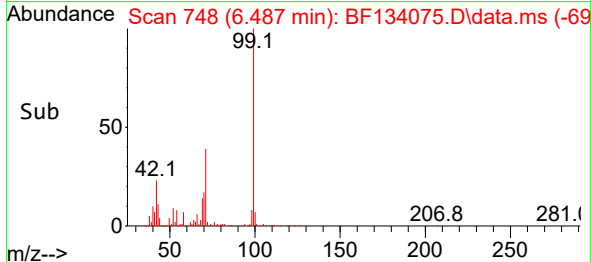
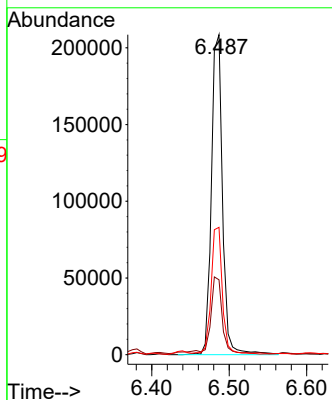
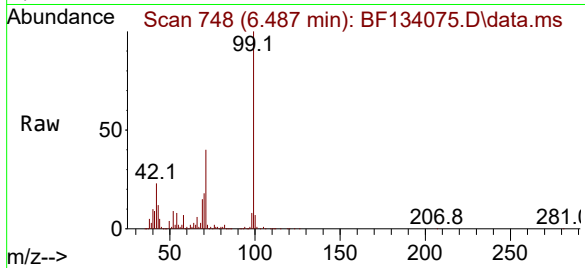




#7
Phenol-d6
Concen: 20.671 ng
RT: 6.487 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF134075.D
Acq: 05 Jul 2023 19:48

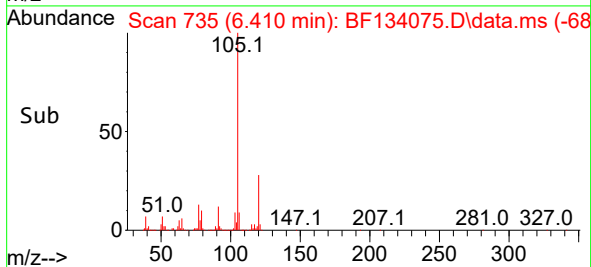
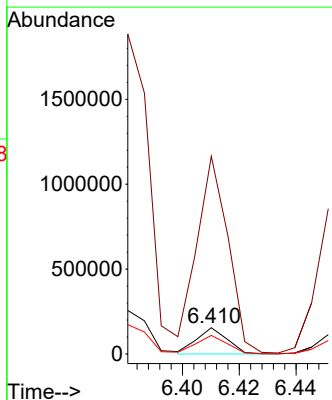
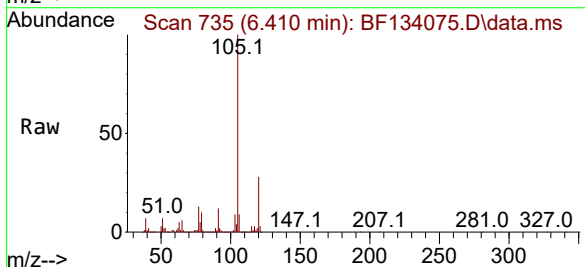
Instrument :
BNA_F
ClientSampleId :

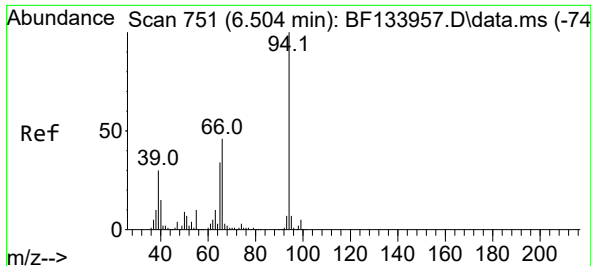
Tgt Ion: 99 Resp: 208328
Ion Ratio Lower Upper
99 100
42 23.4 19.8 29.6
71 39.8 31.9 47.9



#9
Benzaldehyde
Concen: 17.662 ng
RT: 6.410 min Scan# 735
Delta R.T. -0.000 min
Lab File: BF134075.D
Acq: 05 Jul 2023 19:48

Tgt Ion: 77 Resp: 114545
Ion Ratio Lower Upper
77 100
105 751.8 82.0 122.0#
106 70.3 76.9 116.9#

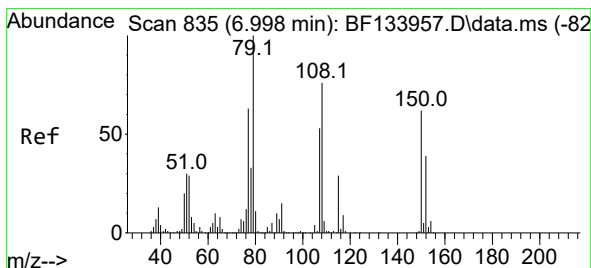
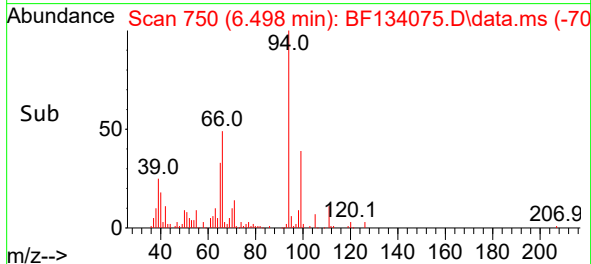
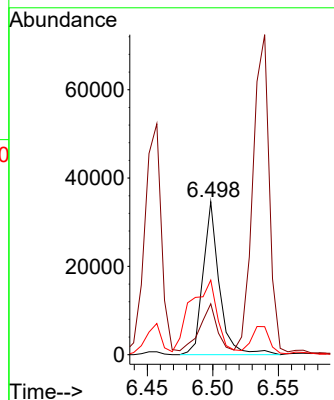
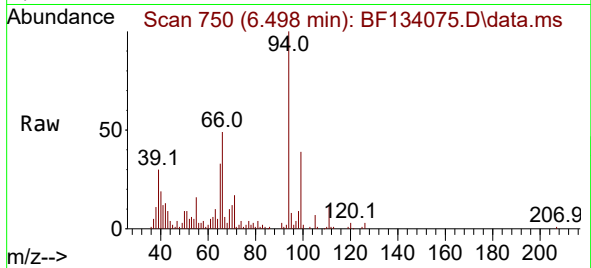




#10
Phenol
Concen: 2.815 ng
RT: 6.498 min Scan# 751
Delta R.T. -0.012 min
Lab File: BF134075.D
Acq: 05 Jul 2023 19:48

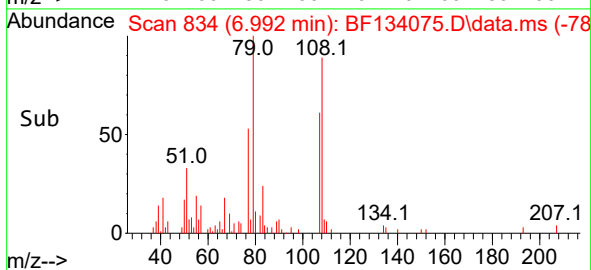
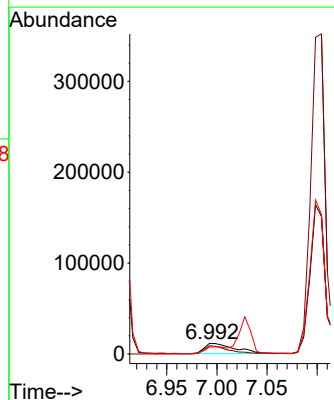
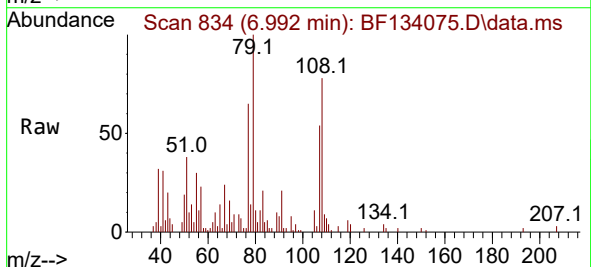
Instrument :
BNA_F
ClientSampleId :

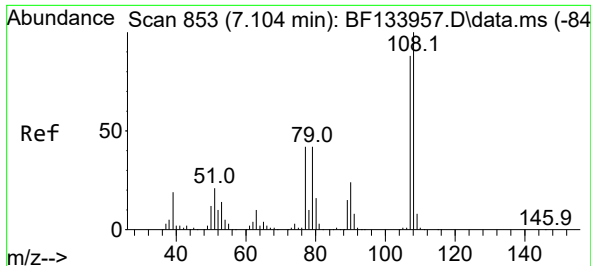
Tgt Ion: 94 Resp: 29830
Ion Ratio Lower Upper
94 100
65 33.3 14.2 54.2
66 48.7 26.4 66.4



#15
Benzyl Alcohol
Concen: 3.135 ng
RT: 6.992 min Scan# 834
Delta R.T. -0.006 min
Lab File: BF134075.D
Acq: 05 Jul 2023 19:48

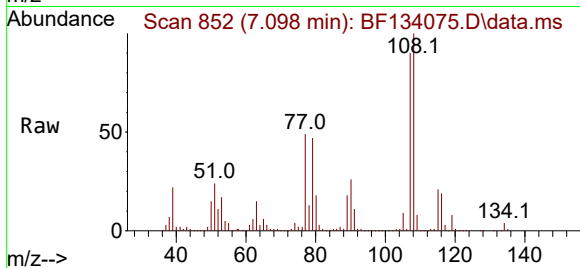
Tgt Ion: 79 Resp: 24359
Ion Ratio Lower Upper
79 100
108 77.9 60.7 91.1
77 64.9 50.6 75.8



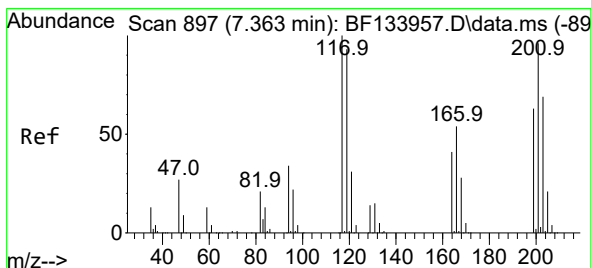
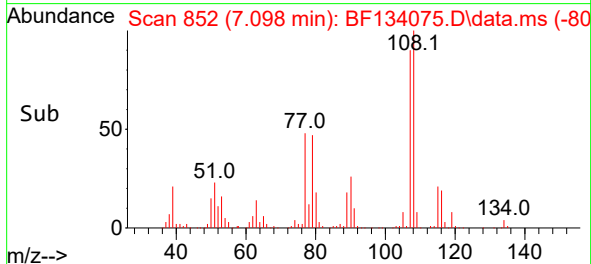
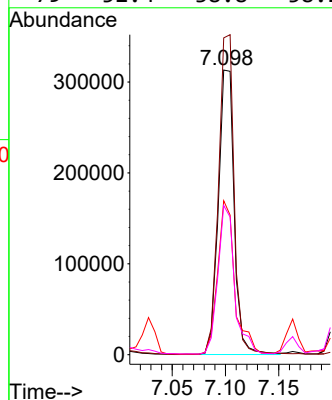


#17
2-Methylphenol
Concen: 43.222 ng
RT: 7.098 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF134075.D
Acq: 05 Jul 2023 19:48

Instrument :
BNA_F
ClientSampleId :

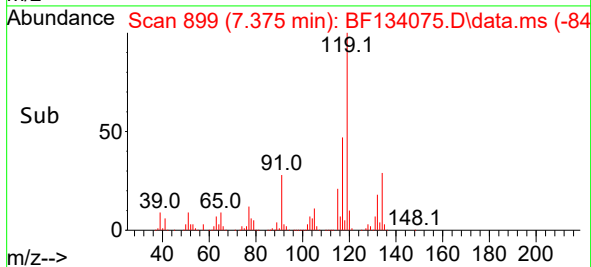
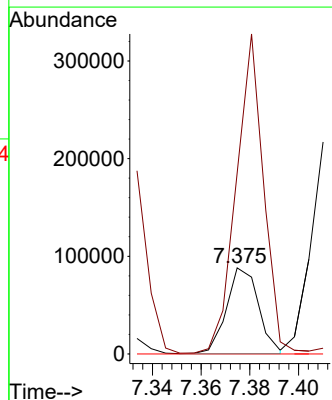
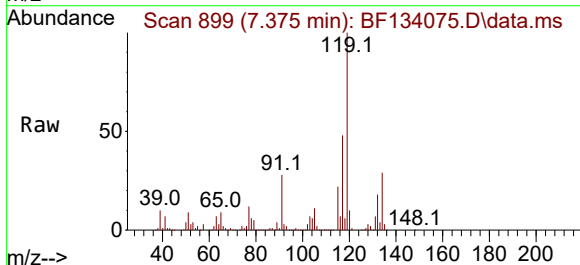


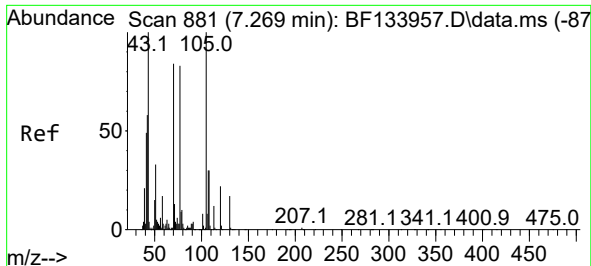
Tgt Ion:107 Resp: 321978
Ion Ratio Lower Upper
107 100
108 111.3 90.6 136.0
77 54.1 38.3 57.5
79 52.4 38.8 58.2



#18
Hexachloroethane
Concen: 24.209 ng
RT: 7.375 min Scan# 899
Delta R.T. 0.018 min
Lab File: BF134075.D
Acq: 05 Jul 2023 19:48

Tgt Ion:117 Resp: 80412
Ion Ratio Lower Upper
117 100
119 210.1 74.2 111.4#
201 0.0 77.2 115.8#





#19

n-Nitroso-di-n-propylamine

Concen: 10.020 ng

RT: 7.410 min Scan# 90

Delta R.T. 0.141 min

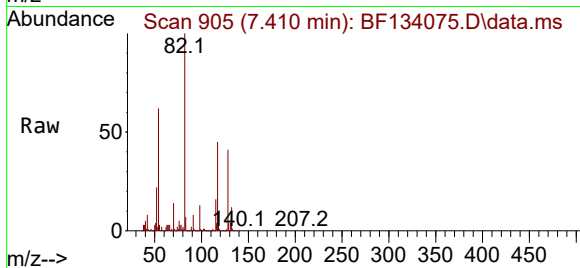
Lab File: BF134075.D

Acq: 05 Jul 2023 19:48

Instrument :

BNA_F

ClientSampleId :



Tgt Ion: 70 Resp: 64039

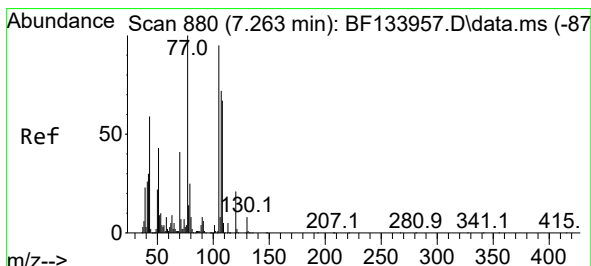
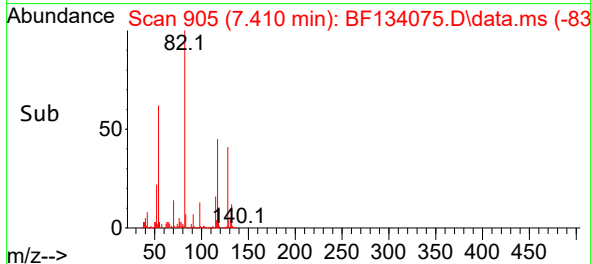
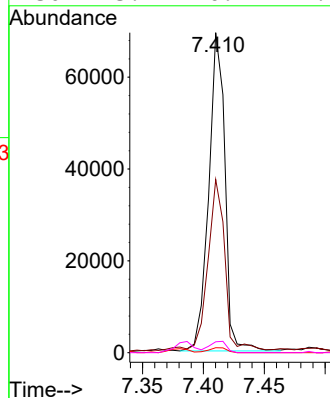
Ion Ratio Lower Upper

70 100

42 54.1 54.7 82.1#

101 1.6 7.7 11.5#

130 3.4 16.4 24.6#



#20

3+4-Methylphenols

Concen: 7.578 ng

RT: 7.251 min Scan# 878

Delta R.T. -0.012 min

Lab File: BF134075.D

Acq: 05 Jul 2023 19:48

Tgt Ion: 107 Resp: 68487

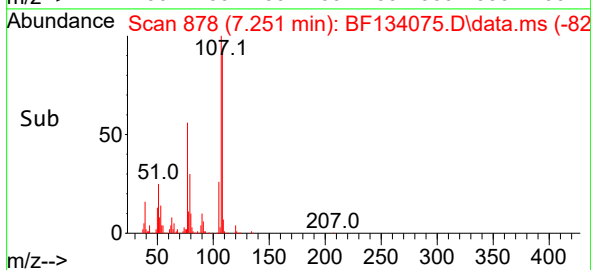
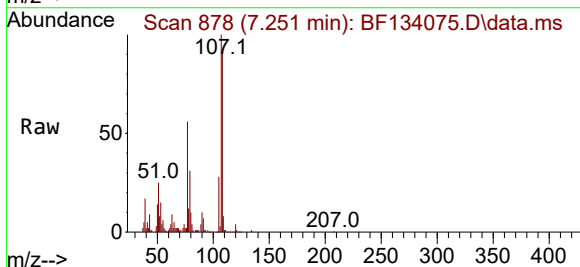
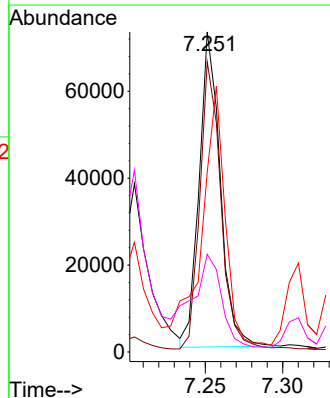
Ion Ratio Lower Upper

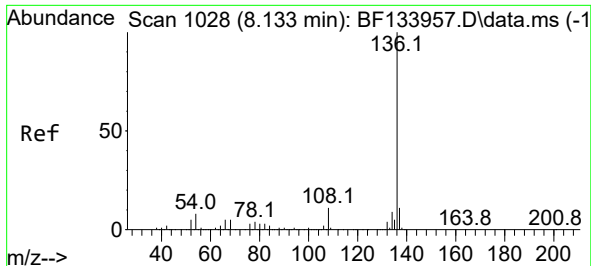
107 100

108 90.7 73.2 113.2

77 56.2 118.3 158.3#

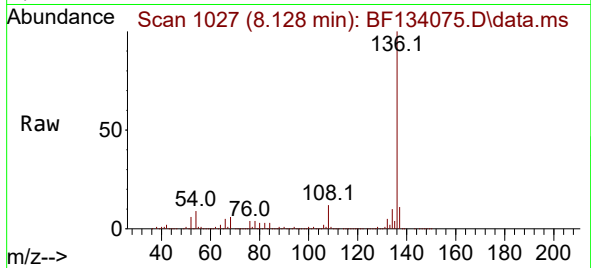
79 30.5 14.7 54.7



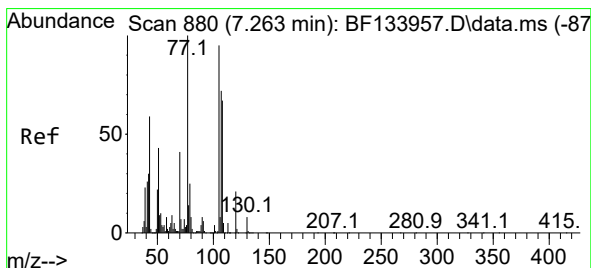
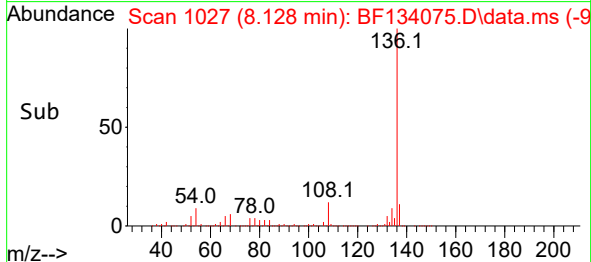
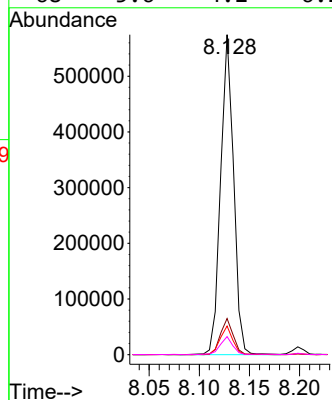


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF134075.D
Acq: 05 Jul 2023 19:48

Instrument :
BNA_F
ClientSampleId :

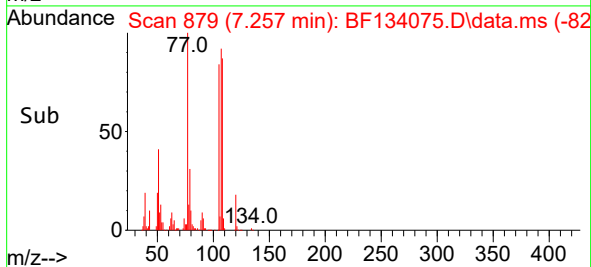
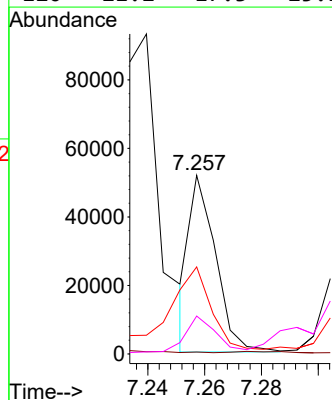
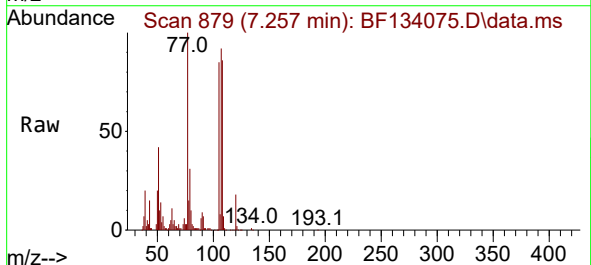


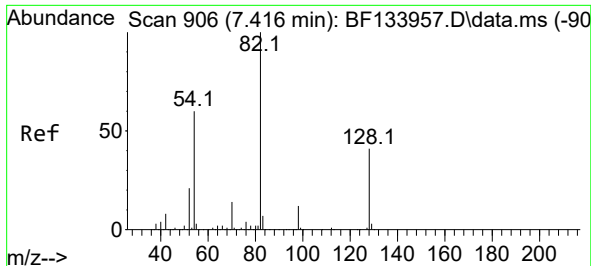
Tgt Ion:136 Resp: 516786
Ion Ratio Lower Upper
136 100
137 11.3 8.6 12.8
54 8.9 6.5 9.7
68 5.6 4.2 6.2



#22
Acetophenone
Concen: 2.804 ng
RT: 7.257 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF134075.D
Acq: 05 Jul 2023 19:48

Tgt Ion:105 Resp: 32959
Ion Ratio Lower Upper
105 100
71 1.1 5.5 8.3#
51 48.7 36.5 54.7
120 21.2 17.3 25.9

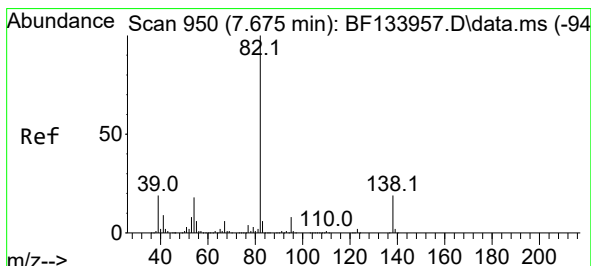
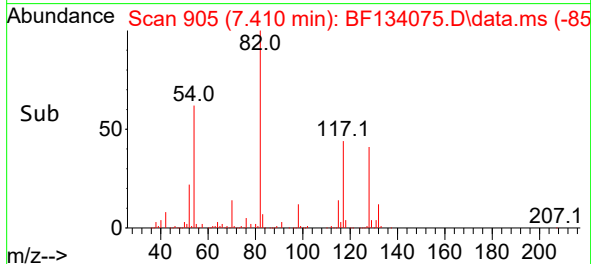
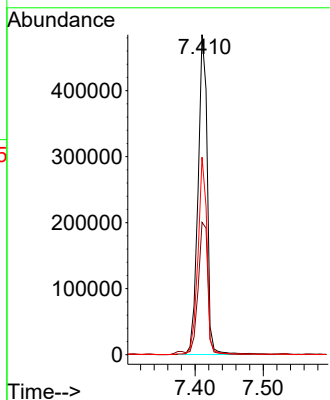
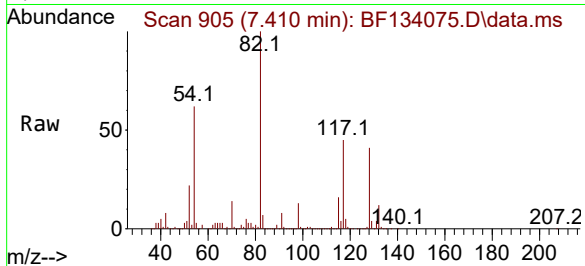




#23
Nitrobenzene-d5
Concen: 47.781 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.012 min
Lab File: BF134075.D
Acq: 05 Jul 2023 19:48

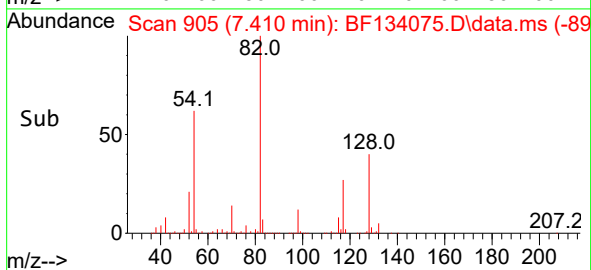
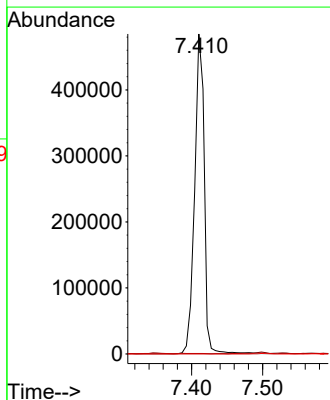
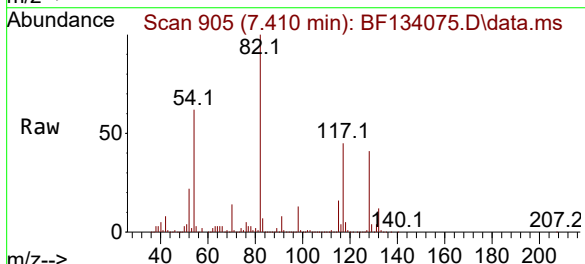
Instrument :
BNA_F
ClientSampleId :

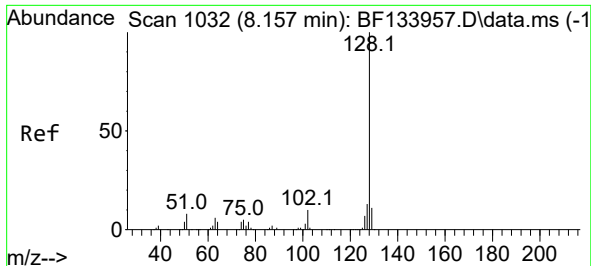
Tgt Ion: 82 Resp: 458070
Ion Ratio Lower Upper
82 100
128 41.4 32.5 48.7
54 61.7 48.2 72.2



#25
Isophorone
Concen: 26.194 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.265 min
Lab File: BF134075.D
Acq: 05 Jul 2023 19:48

Tgt Ion: 82 Resp: 456389
Ion Ratio Lower Upper
82 100
95 0.1 6.1 9.1#
138 0.0 15.2 22.8#

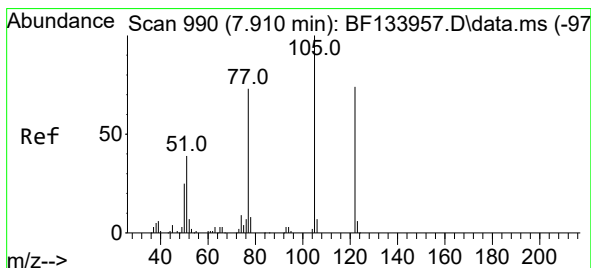
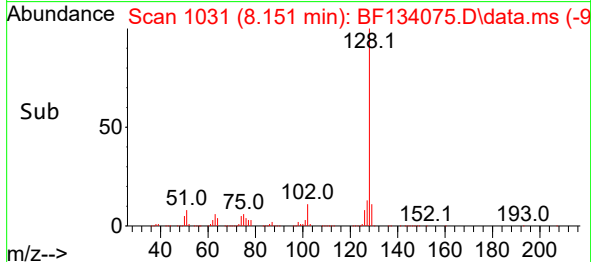
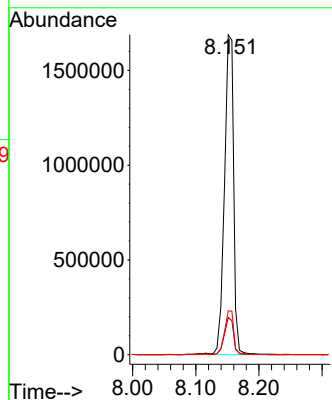
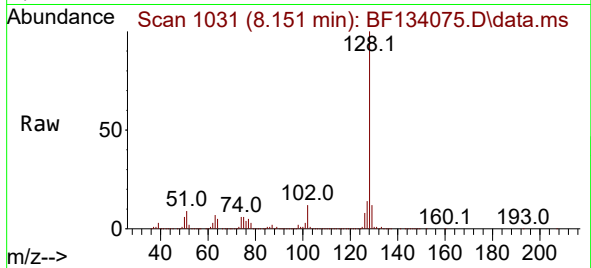




#31
Naphthalene
Concen: 68.776 ng
RT: 8.151 min Scan# 1032
Delta R.T. -0.006 min
Lab File: BF134075.D
Acq: 05 Jul 2023 19:48

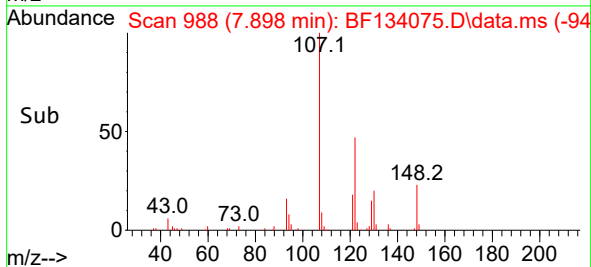
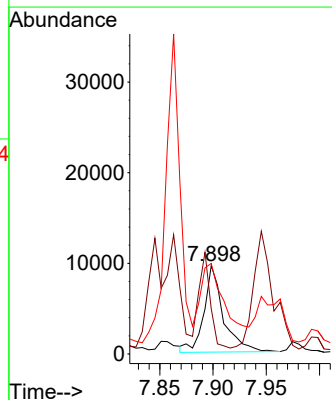
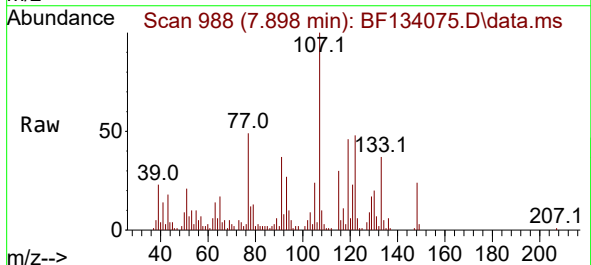
Instrument :
BNA_F
ClientSampleId :

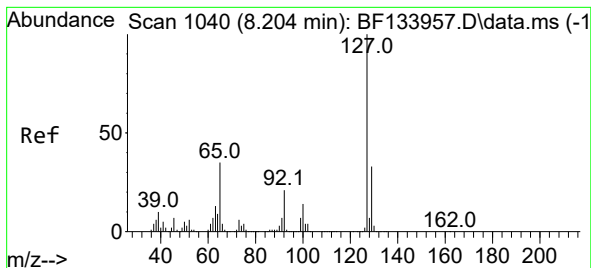
Tgt Ion:128 Resp: 1716818
Ion Ratio Lower Upper
128 100
129 11.6 8.7 13.1
127 13.7 10.6 15.8



#32
Benzoic acid
Concen: 2.199 ng
RT: 7.898 min Scan# 988
Delta R.T. -0.018 min
Lab File: BF134075.D
Acq: 05 Jul 2023 19:48

Tgt Ion:122 Resp: 12121
Ion Ratio Lower Upper
122 100
105 51.2 109.7 149.7#
77 102.5 76.0 116.0





#33

4-Chloroaniline

Concen: 21.884 ng

RT: 8.151 min Scan# 110

Delta R.T. -0.053 min

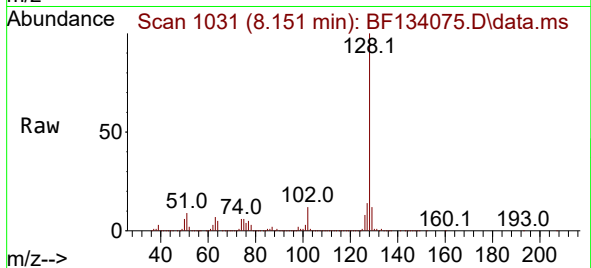
Lab File: BF134075.D

Acq: 05 Jul 2023 19:48

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:127 Resp: 233676

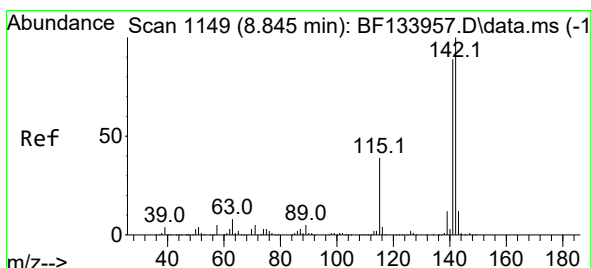
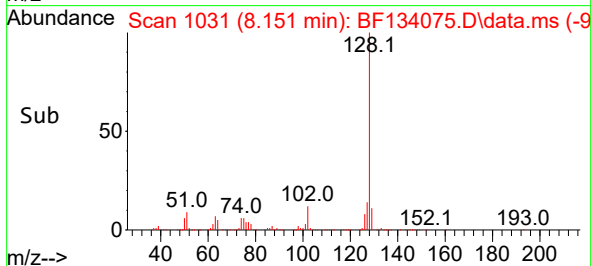
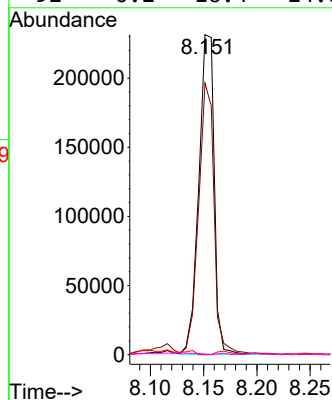
Ion Ratio Lower Upper

127 100

129 84.8 26.4 39.6#

65 0.0 27.8 41.8#

92 0.2 16.4 24.6#



#37

2-Methylnaphthalene

Concen: 9.288 ng

RT: 8.839 min Scan# 1148

Delta R.T. -0.006 min

Lab File: BF134075.D

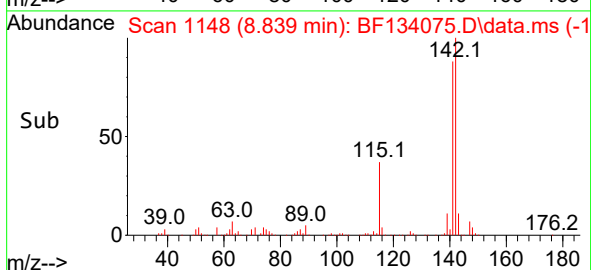
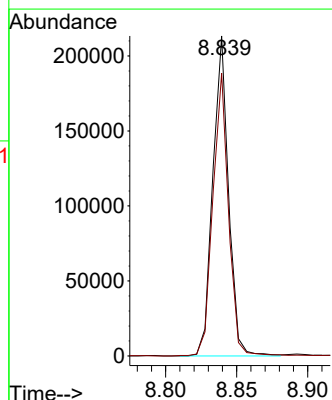
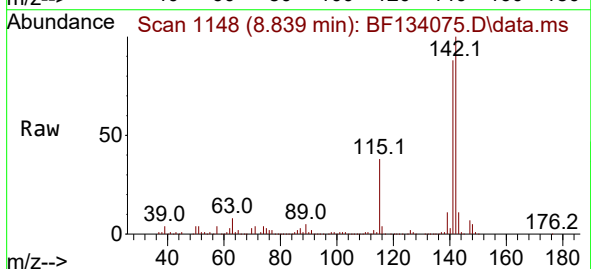
Acq: 05 Jul 2023 19:48

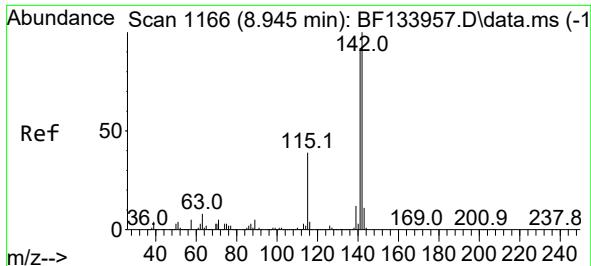
Tgt Ion:142 Resp: 163962

Ion Ratio Lower Upper

142 100

141 88.4 71.0 106.4

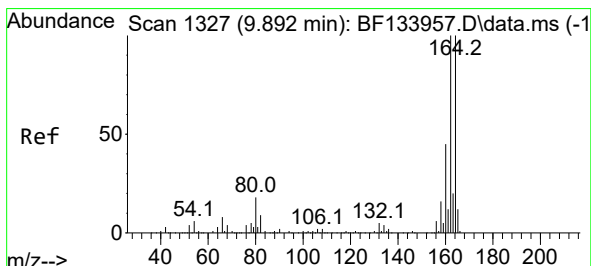
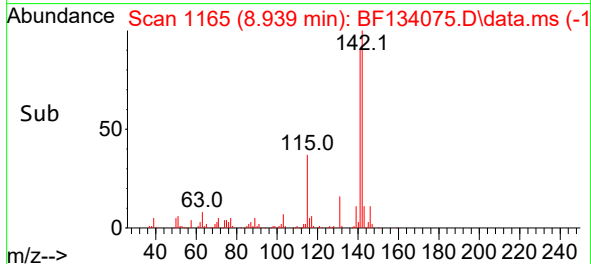
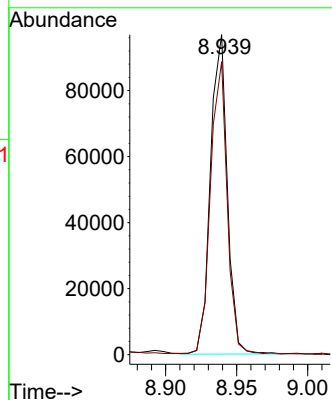
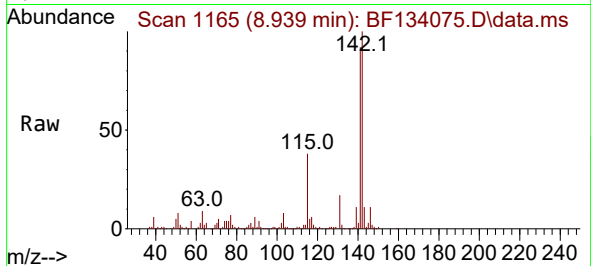




#38
1-Methylnaphthalene
Concen: 4.849 ng
RT: 8.939 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF134075.D
Acq: 05 Jul 2023 19:48

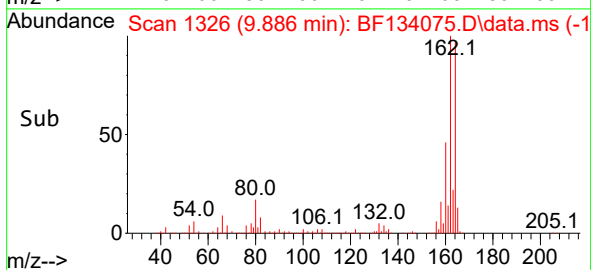
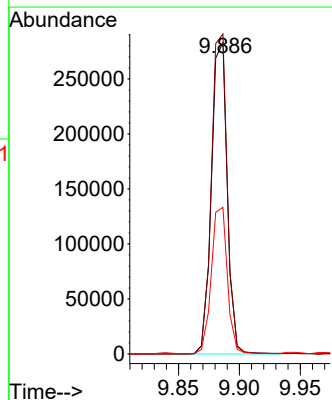
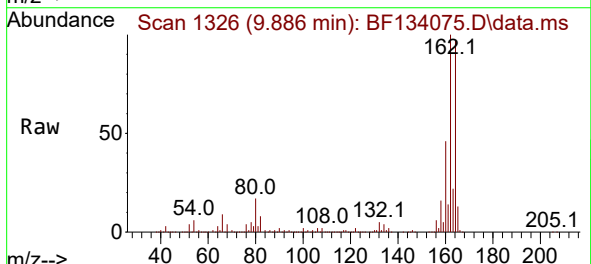
Instrument :
BNA_F
ClientSampleId :

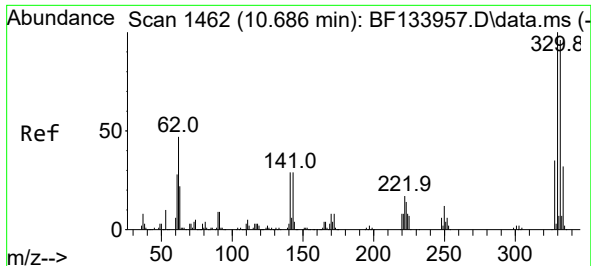
Tgt Ion:142 Resp: 79577
Ion Ratio Lower Upper
142 100
141 91.6 73.5 110.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF134075.D
Acq: 05 Jul 2023 19:48

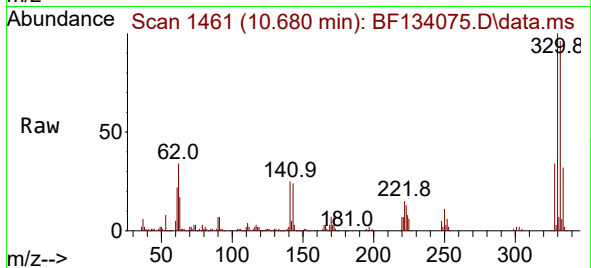
Tgt Ion:164 Resp: 255309
Ion Ratio Lower Upper
164 100
162 102.8 80.0 120.0
160 47.1 35.9 53.9



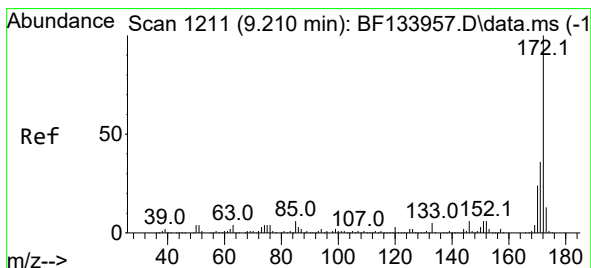
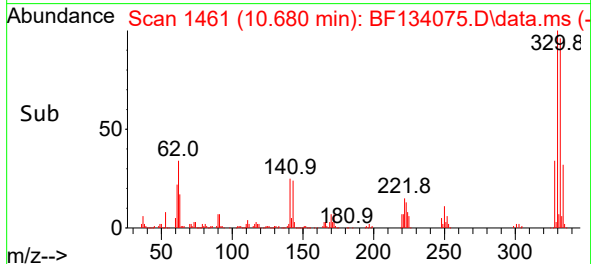
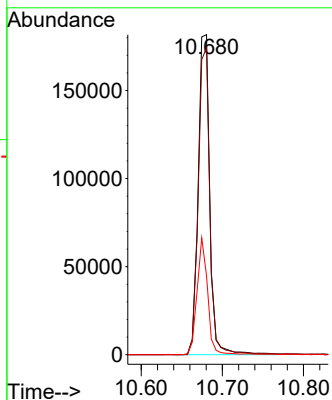


#42
2,4,6-Tribromophenol
Concen: 56.775 ng
RT: 10.680 min Scan# 1461
Delta R.T. -0.006 min
Lab File: BF134075.D
Acq: 05 Jul 2023 19:48

Instrument :
BNA_F
ClientSampleId :

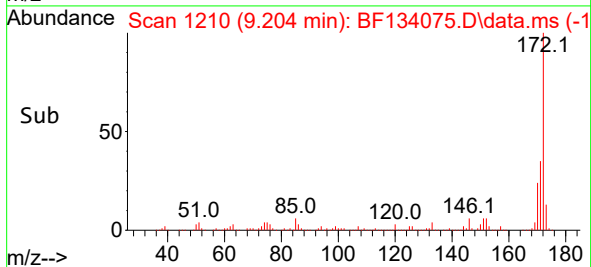
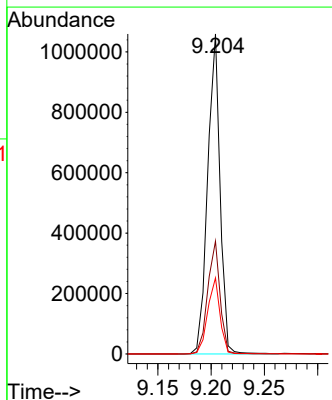
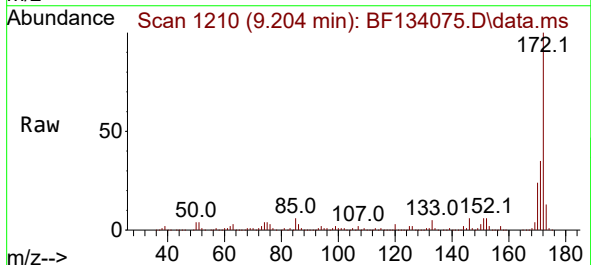


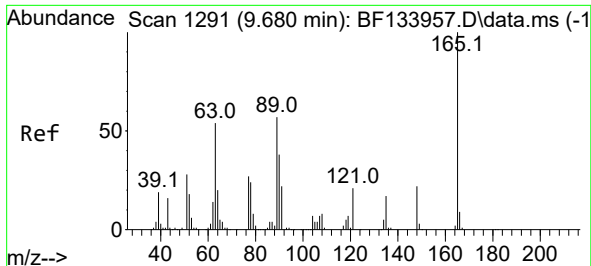
Tgt Ion:330 Resp: 181742
Ion Ratio Lower Upper
330 100
332 95.1 77.0 115.6
141 33.5 26.3 39.5



#45
2-Fluorobiphenyl
Concen: 48.948 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.006 min
Lab File: BF134075.D
Acq: 05 Jul 2023 19:48

Tgt Ion:172 Resp: 859549
Ion Ratio Lower Upper
172 100
171 35.3 28.6 43.0
170 23.7 19.4 29.0

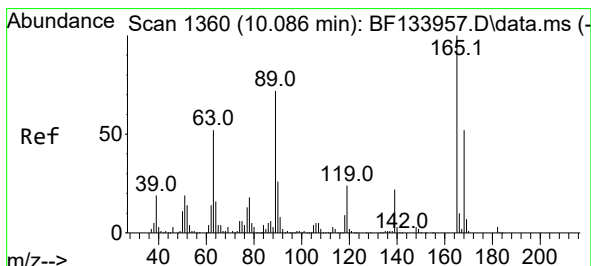
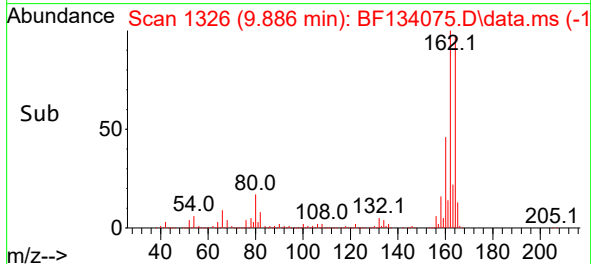
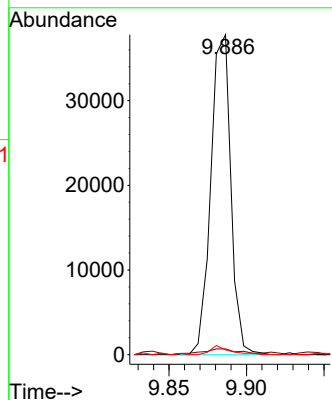
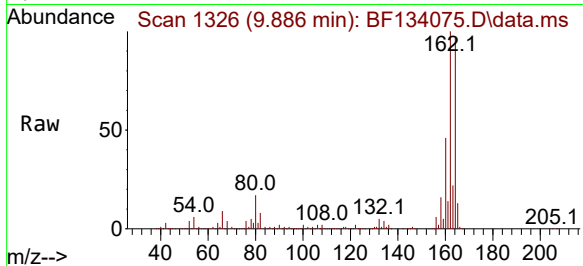




#51
2,6-Dinitrotoluene
Concen: 8.508 ng
RT: 9.886 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF134075.D
Acq: 05 Jul 2023 19:48

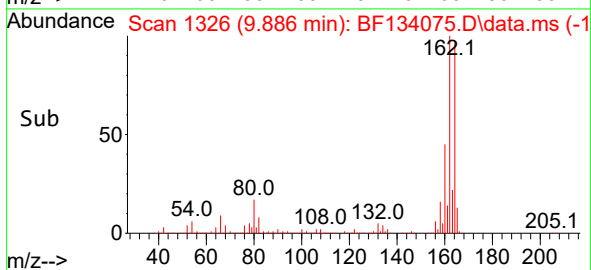
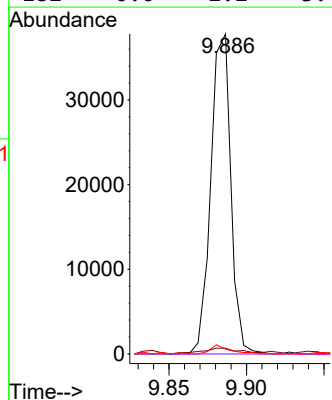
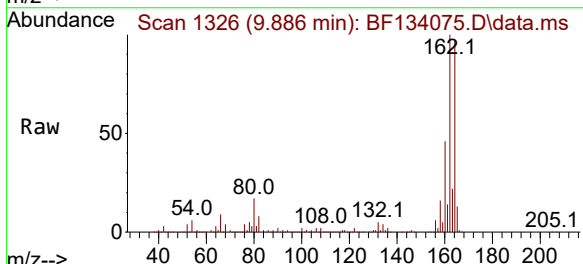
Instrument :
BNA_F
ClientSampleId :

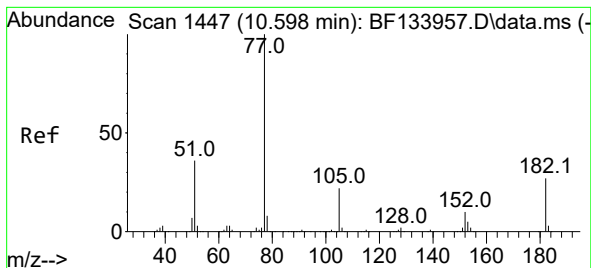
Tgt Ion:165 Resp: 33962
Ion Ratio Lower Upper
165 100
63 1.8 48.5 72.7#
89 1.5 45.5 68.3#



#57
2,4-Dinitrotoluene
Concen: 6.443 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.200 min
Lab File: BF134075.D
Acq: 05 Jul 2023 19:48

Tgt Ion:165 Resp: 33962
Ion Ratio Lower Upper
165 100
63 1.8 42.2 63.2#
89 1.5 57.4 86.2#
182 0.0 2.2 3.4#





#63

Azobenzene

Concen: 4.585 ng

RT: 10.598 min Scan# 1447

Delta R.T. 0.000 min

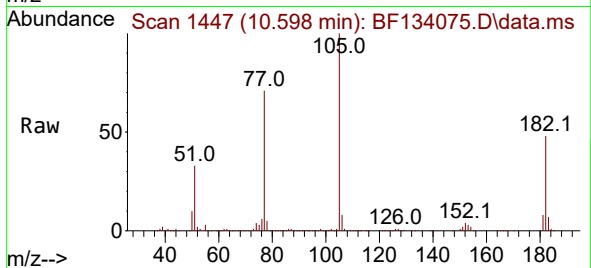
Lab File: BF134075.D

Acq: 05 Jul 2023 19:48

Instrument :

BNA_F

ClientSampleId :



Tgt Ion: 77 Resp: 83740

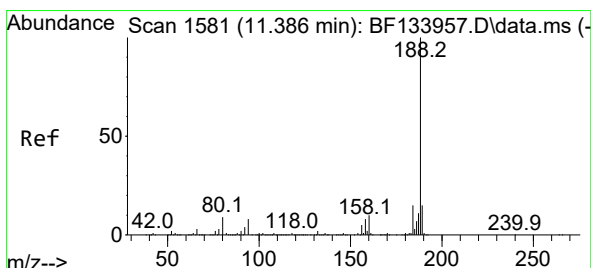
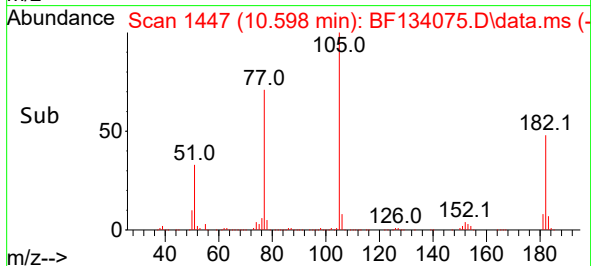
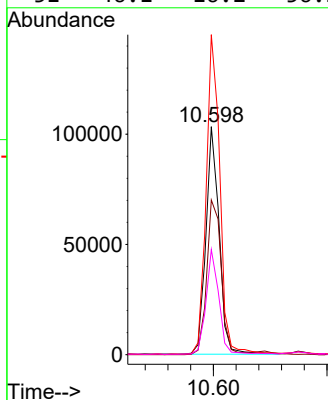
Ion Ratio Lower Upper

77 100

182 67.8 6.8 46.8#

105 140.3 2.3 42.3#

51 46.1 16.2 56.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.380 min Scan# 1580

Delta R.T. -0.006 min

Lab File: BF134075.D

Acq: 05 Jul 2023 19:48

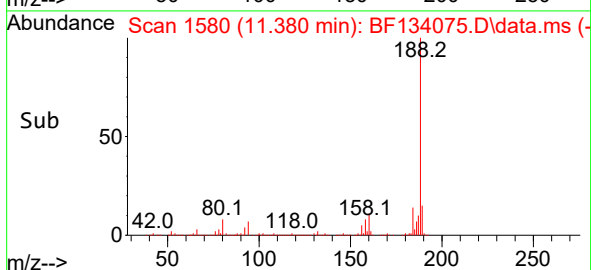
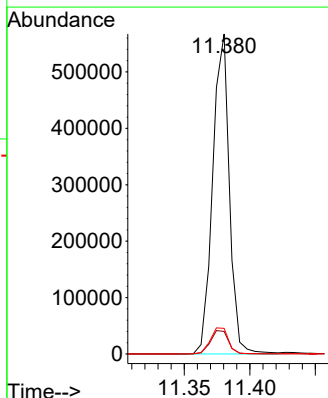
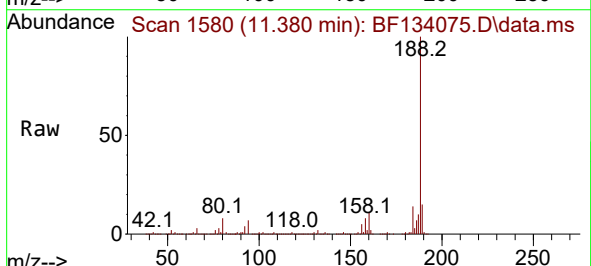
Tgt Ion: 188 Resp: 501500

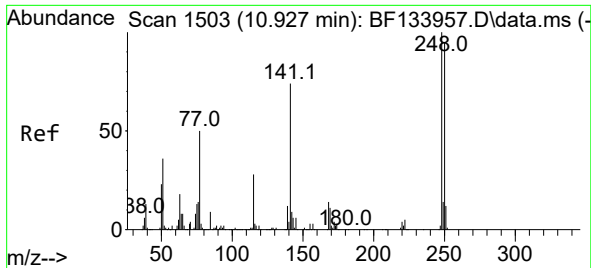
Ion Ratio Lower Upper

188 100

94 7.1 6.4 9.6

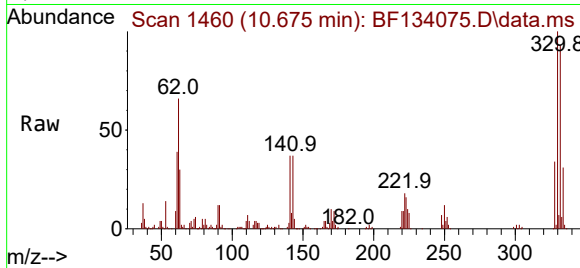
80 8.0 7.3 10.9



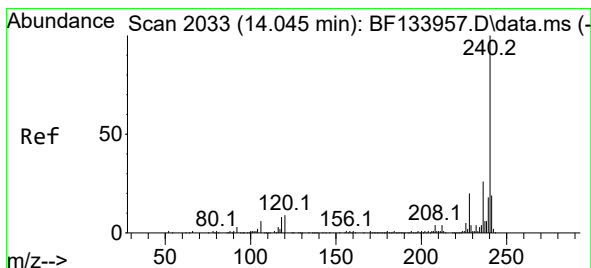
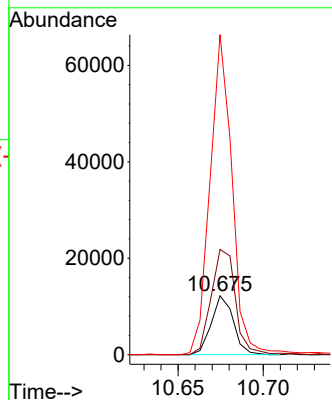
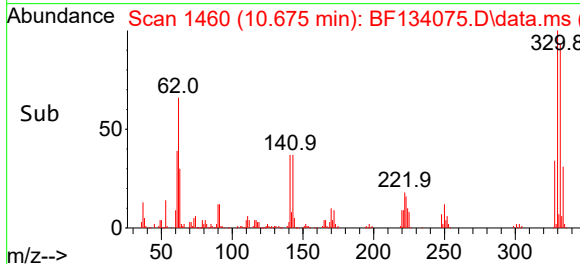


#67
4-Bromophenyl-phenylether
Concen: 2.064 ng
RT: 10.675 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF134075.D
Acq: 05 Jul 2023 19:48

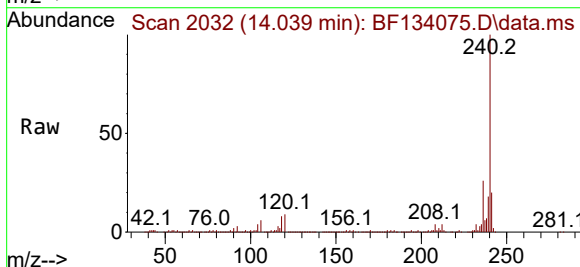
Instrument :
BNA_F
ClientSampleId :



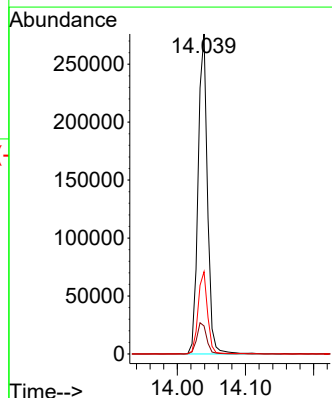
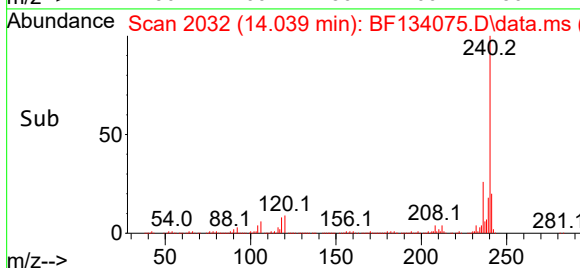
Tgt Ion:248 Resp: 11004
Ion Ratio Lower Upper
248 100
250 178.7 76.2 114.4#
141 543.2 59.0 88.4#

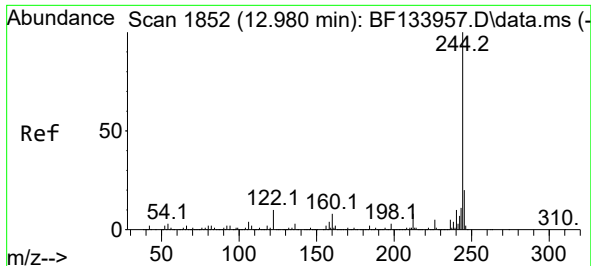


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF134075.D
Acq: 05 Jul 2023 19:48



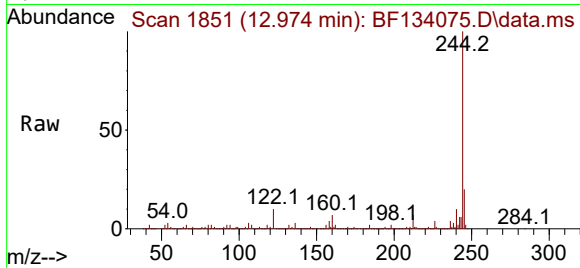
Tgt Ion:240 Resp: 263296
Ion Ratio Lower Upper
240 100
120 8.8 7.4 11.0
236 25.7 21.0 31.6



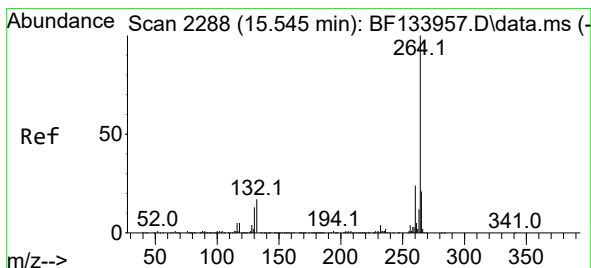
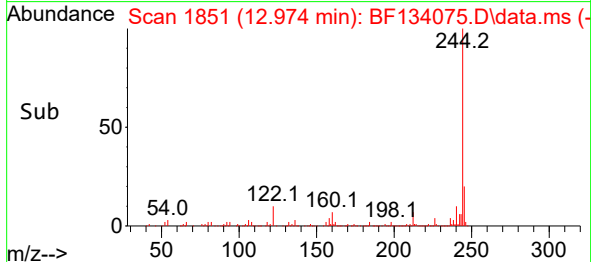
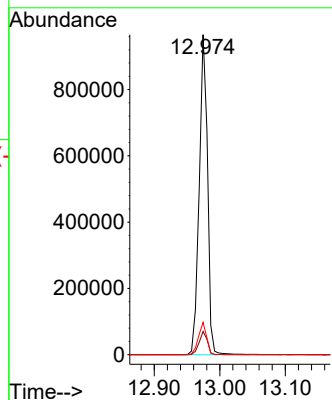


#79
 Terphenyl-d14
 Concen: 52.174 ng
 RT: 12.974 min Scan# 1851
 Delta R.T. -0.012 min
 Lab File: BF134075.D
 Acq: 05 Jul 2023 19:48

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:244 Resp: 853543
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 10.1 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 2287
 Delta R.T. -0.012 min
 Lab File: BF134075.D
 Acq: 05 Jul 2023 19:48

Tgt Ion:264 Resp: 241785
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.5 29.3
 265 21.2 16.6 25.0

