

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071023\
 Data File : BF134188.D
 Acq On : 10 Jul 2023 16:08
 Operator : CG\JU
 Sample : 03324-02RE
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 10 16:42:58 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

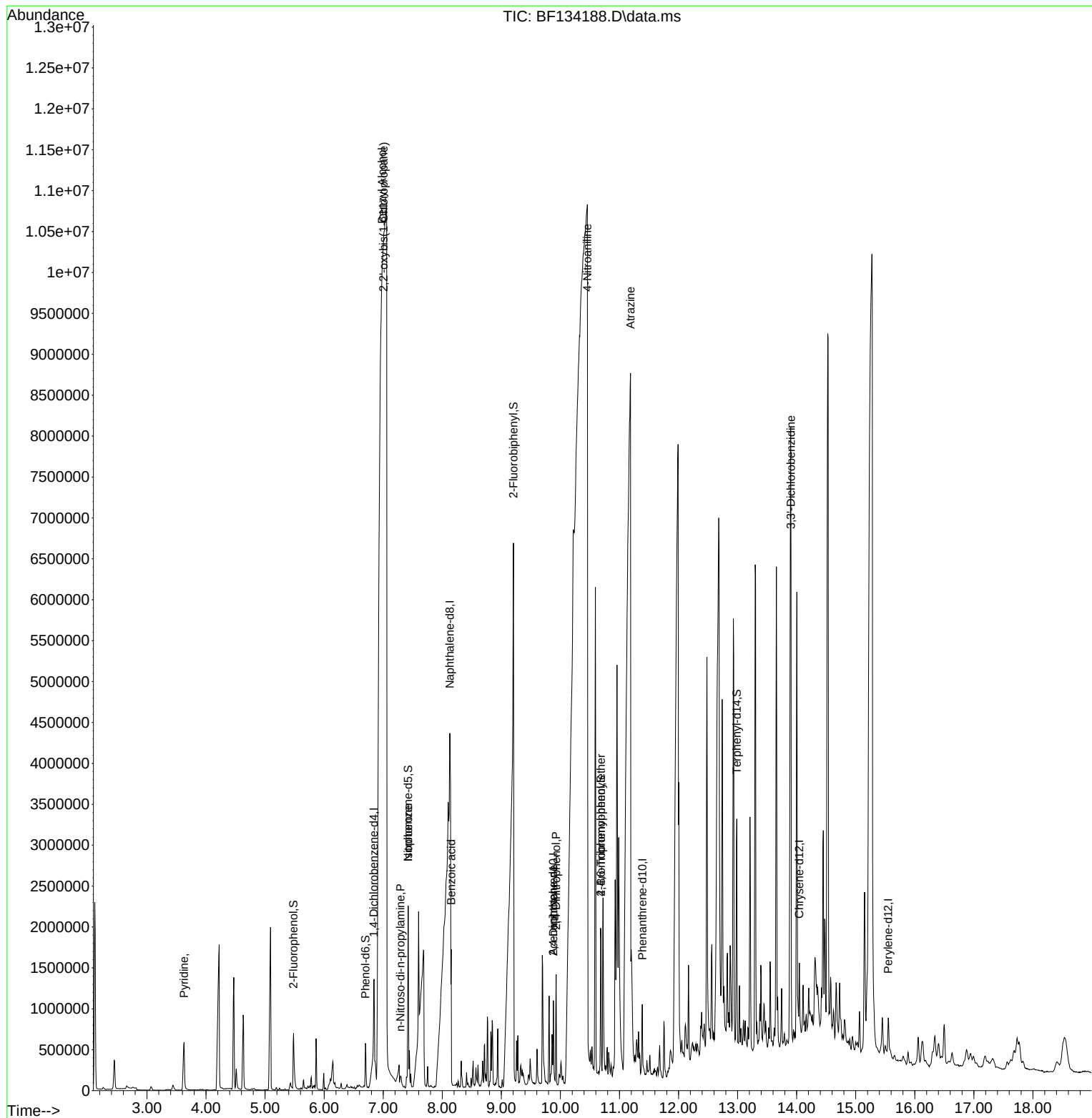
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	114541	20.000	ng	-0.01
21) Naphthalene-d8	8.128	136	343084	20.000	ng	# 0.00
39) Acenaphthene-d10	9.881	164	176910	20.000	ng	-0.01
64) Phenanthrene-d10	11.386	188	271478	20.000	ng	0.00
76) Chrysene-d12	14.045	240	262032	20.000	ng	0.00
86) Perylene-d12	15.551	264	231825	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	268844	39.262	ng	0.00
7) Phenol-d6	6.698	99	179313	21.294	ng	0.21
23) Nitrobenzene-d5	7.422	82	662004	104.014	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	143383	64.642	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	904190	74.309	ng	0.00
79) Terphenyl-d14	12.986	244	1032405	63.411	ng	0.00
Target Compounds						
3) Pyridine	3.628	79	144477	19.646	ng	# 1
9) Benzaldehyde	6.398	77	3893	Below Cal		94
15) Benzyl Alcohol	6.981	79	34856	5.369	ng	# 38
16) 2,2'-oxybis(1-Chloropr...	7.004	45	263043	22.810	ng	89
19) n-Nitroso-di-n-propyla...	7.293	70	20451	3.830	ng	# 77
25) Isophorone	7.422	82	661308	57.171	ng	# 64
32) Benzoic acid	8.151	122	243317	66.487	ng	100
54) 2,4-Dinitrophenol	9.928	184	2322	5.247	ng	# 25
57) 2,4-Dinitrotoluene	9.881	165	23789	6.513	ng	# 23
62) 4-Nitroaniline	10.457	138	641883	191.947	ng	# 20
67) 4-Bromophenyl-phenylether	10.686	248	9221	3.196	ng	# 1
69) Atrazine	11.186	200	31047	12.940	ng	# 53
82) 3,3'-Dichlorobenzidine	13.904	252	14430	2.506	ng	# 1

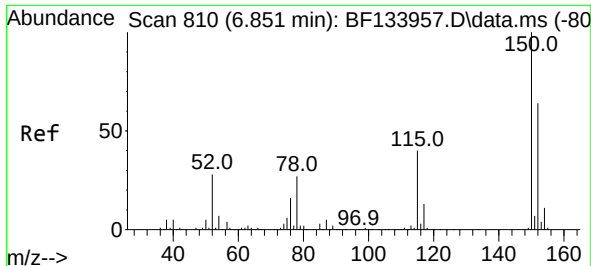
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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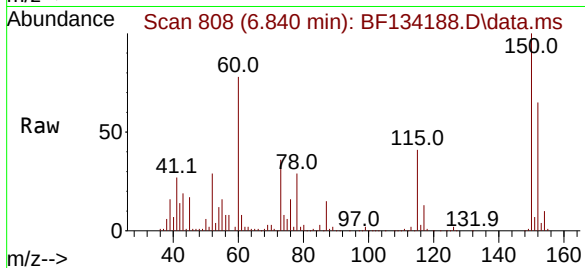
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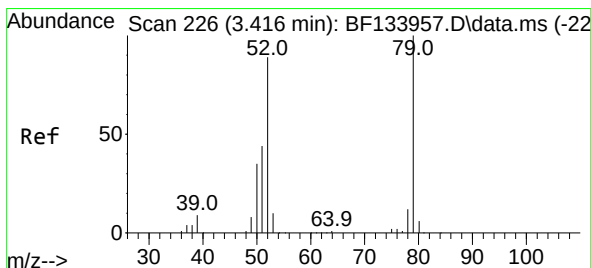
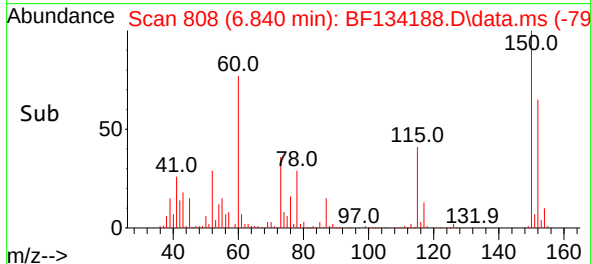
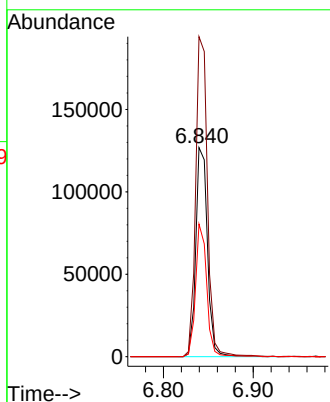


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 810
Delta R.T. -0.011 min
Lab File: BF134188.D
Acq: 10 Jul 2023 16:08

Instrument :
BNA_F
ClientSampleId :

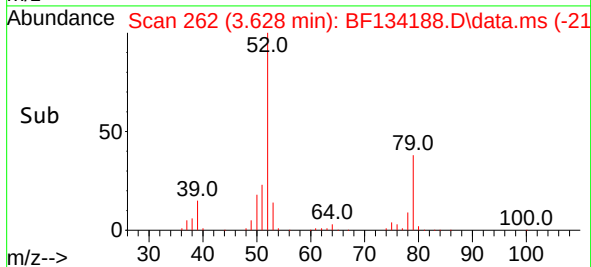
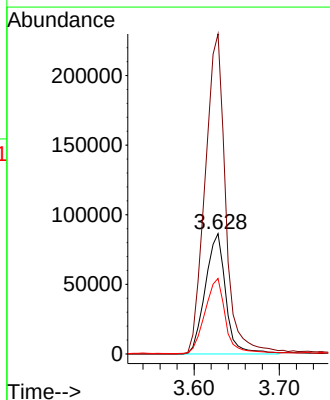
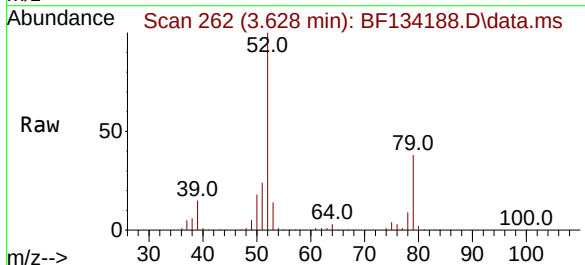


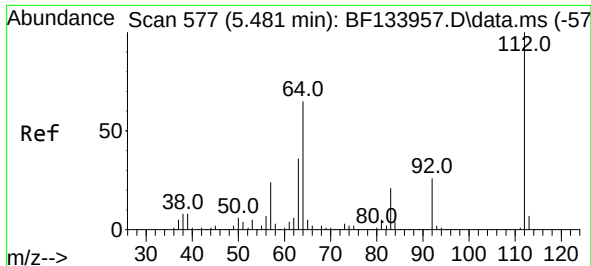
Tgt Ion:152 Resp: 114541
Ion Ratio Lower Upper
152 100
150 153.0 124.5 186.7
115 63.5 50.2 75.2



#3
Pyridine
Concen: 19.646 ng
RT: 3.628 min Scan# 262
Delta R.T. 0.194 min
Lab File: BF134188.D
Acq: 10 Jul 2023 16:08

Tgt Ion: 79 Resp: 144477
Ion Ratio Lower Upper
79 100
52 266.0 71.1 106.7#
51 62.7 35.2 52.8#

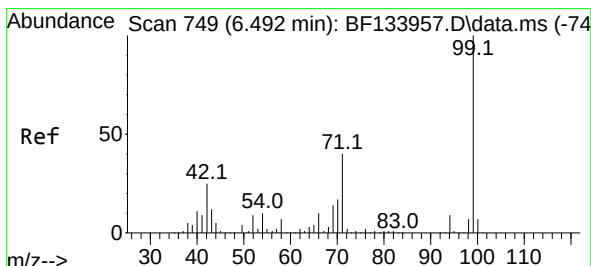
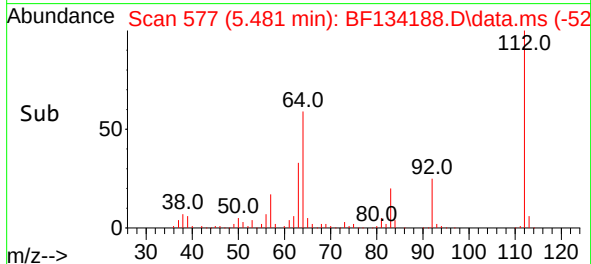
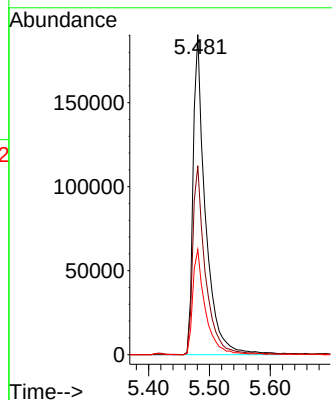
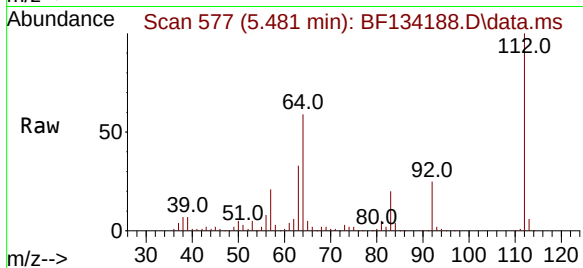




#5
2-Fluorophenol
Concen: 39.262 ng
RT: 5.481 min Scan# 51
Delta R.T. -0.006 min
Lab File: BF134188.D
Acq: 10 Jul 2023 16:08

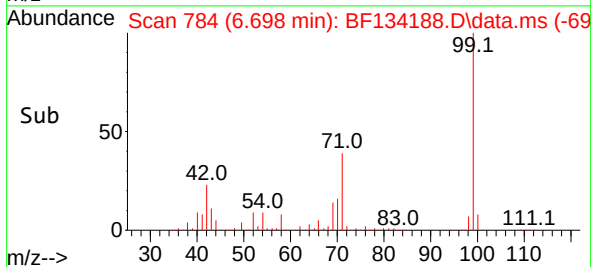
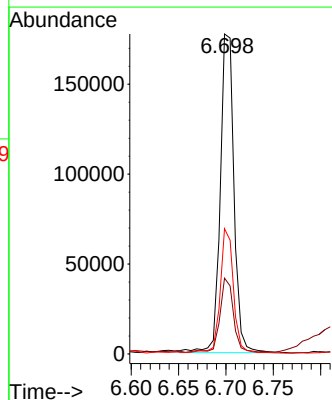
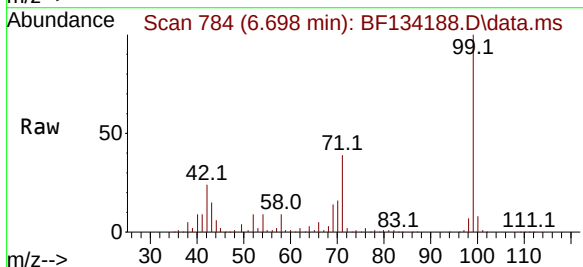
Instrument :
BNA_F
ClientSampleId :

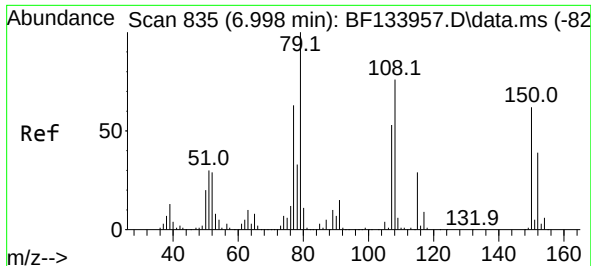
Tgt Ion:112 Resp: 268844
Ion Ratio Lower Upper
112 100
64 59.1 52.1 78.1
63 32.8 28.6 42.8



#7
Phenol-d6
Concen: 21.294 ng
RT: 6.698 min Scan# 784
Delta R.T. 0.206 min
Lab File: BF134188.D
Acq: 10 Jul 2023 16:08

Tgt Ion: 99 Resp: 179313
Ion Ratio Lower Upper
99 100
42 23.7 19.8 29.6
71 39.2 31.9 47.9

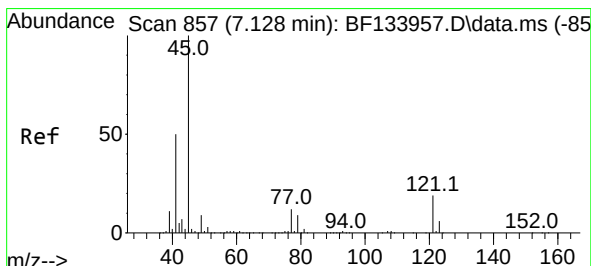
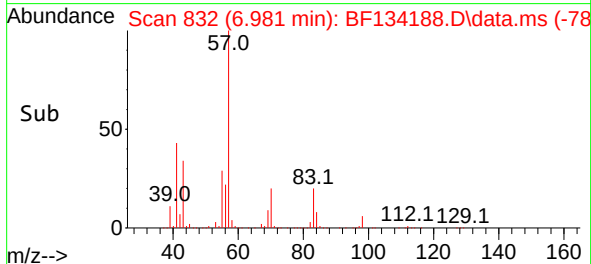
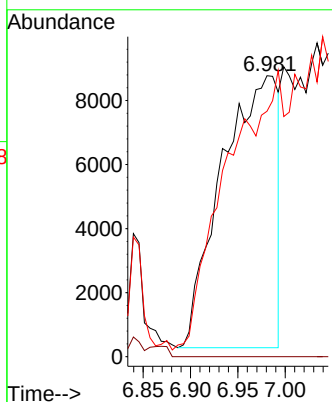
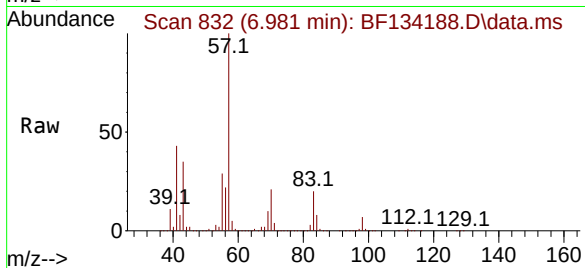




#15
Benzyl Alcohol
Concen: 5.369 ng
RT: 6.981 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF134188.D
Acq: 10 Jul 2023 16:08

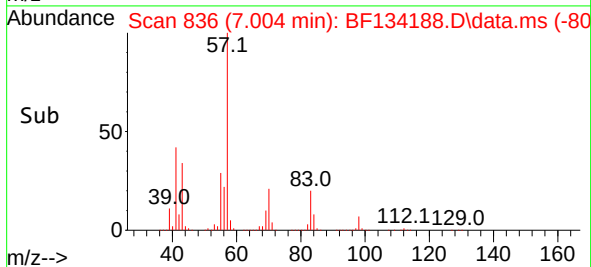
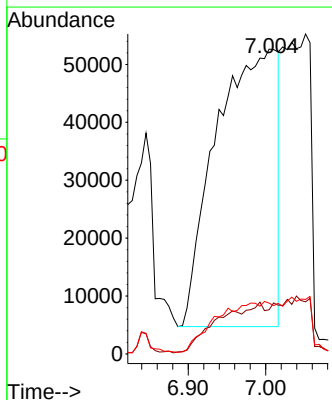
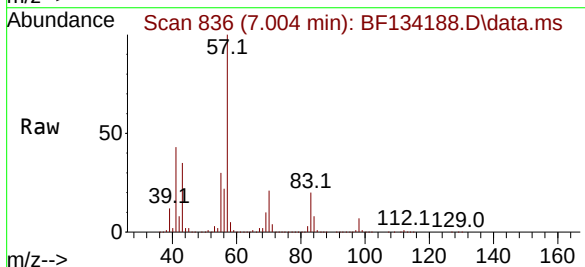
Instrument :
BNA_F
ClientSampleId :

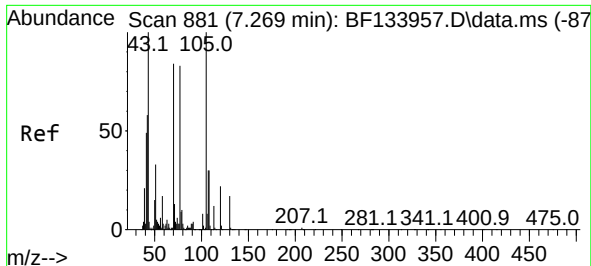
Tgt Ion: 79 Resp: 34856
Ion Ratio Lower Upper
79 100
108 0.0 60.7 91.1#
77 87.4 50.6 75.8#



#16
2,2'-oxybis(1-chloropropane)
Concen: 22.810 ng
RT: 7.004 min Scan# 836
Delta R.T. -0.123 min
Lab File: BF134188.D
Acq: 10 Jul 2023 16:08

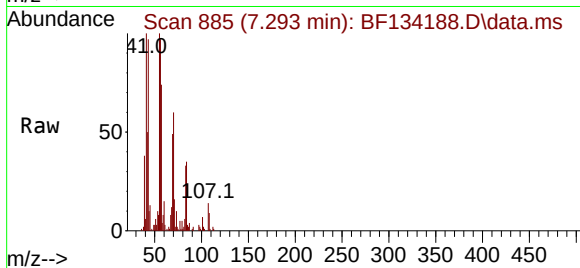
Tgt Ion: 45 Resp: 263043
Ion Ratio Lower Upper
45 100
77 14.5 0.0 32.9
79 16.7 0.0 29.5



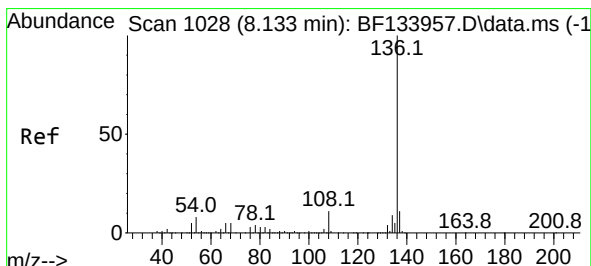
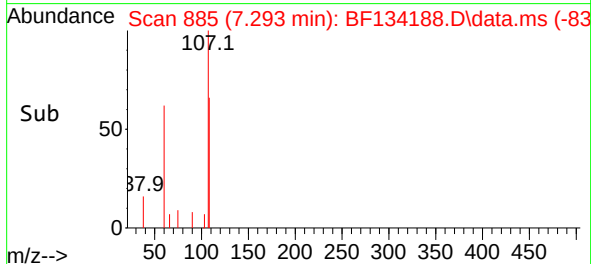
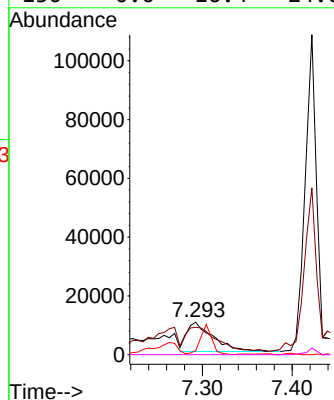


#19
n-Nitroso-di-n-propylamine
Concen: 3.830 ng
RT: 7.293 min Scan# 881
Delta R.T. 0.024 min
Lab File: BF134188.D
Acq: 10 Jul 2023 16:08

Instrument :
BNA_F
ClientSampleId :

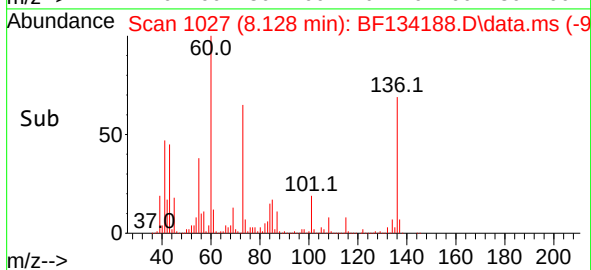
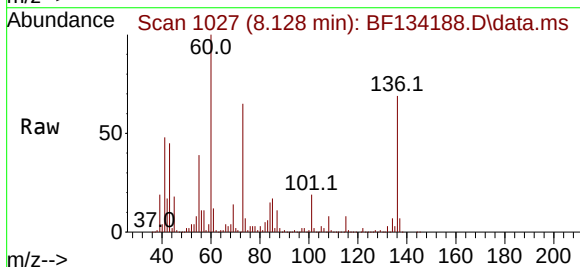
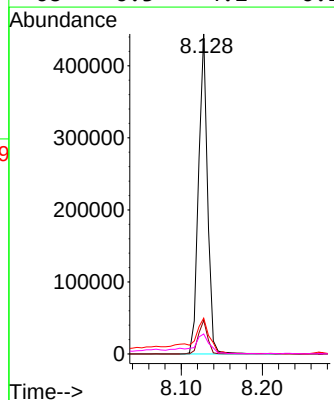


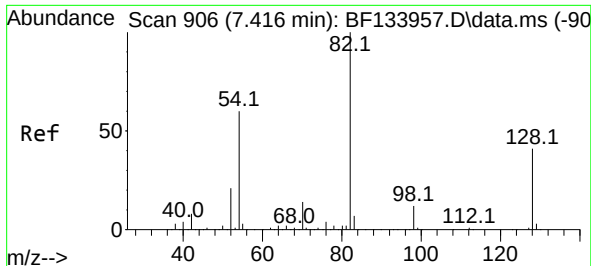
Tgt Ion: 70 Resp: 20451
Ion Ratio Lower Upper
70 100
42 84.0 54.7 82.1#
101 12.2 7.7 11.5#
130 0.0 16.4 24.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF134188.D
Acq: 10 Jul 2023 16:08

Tgt Ion: 136 Resp: 343084
Ion Ratio Lower Upper
136 100
137 10.5 8.6 12.8
54 11.2 6.5 9.7#
68 6.3 4.2 6.2#





#23

Nitrobenzene-d5

Concen: 104.014 ng

RT: 7.422 min Scan# 907

Delta R.T. 0.000 min

Lab File: BF134188.D

Acq: 10 Jul 2023 16:08

Instrument :

BNA_F

ClientSampleId :

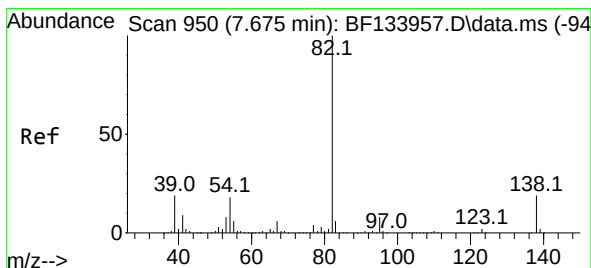
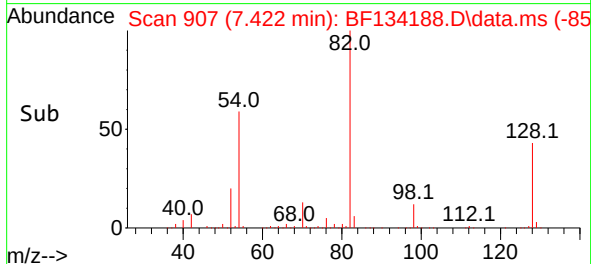
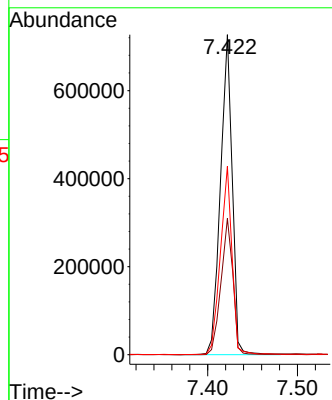
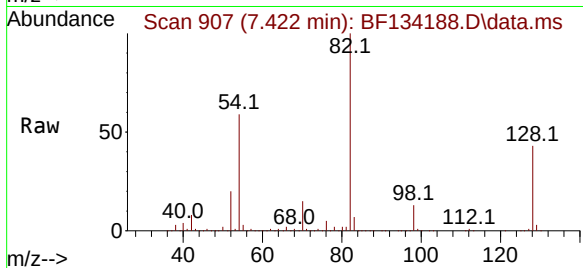
Tgt Ion: 82 Resp: 662004

Ion Ratio Lower Upper

82 100

128 42.6 32.5 48.7

54 58.9 48.2 72.2



#25

Isophorone

Concen: 57.171 ng

RT: 7.422 min Scan# 907

Delta R.T. -0.253 min

Lab File: BF134188.D

Acq: 10 Jul 2023 16:08

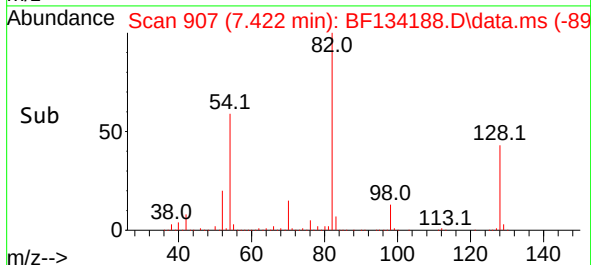
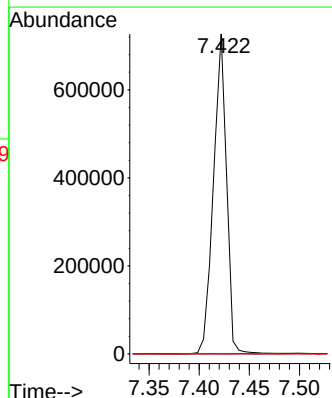
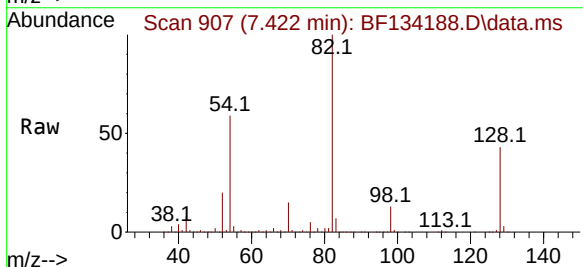
Tgt Ion: 82 Resp: 661308

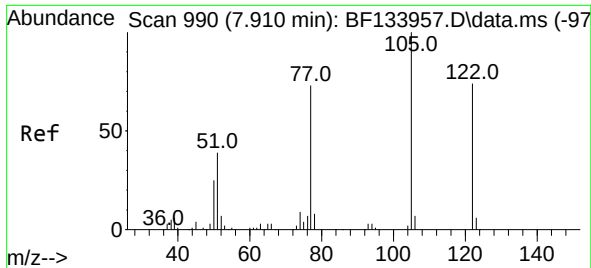
Ion Ratio Lower Upper

82 100

95 0.0 6.1 9.1#

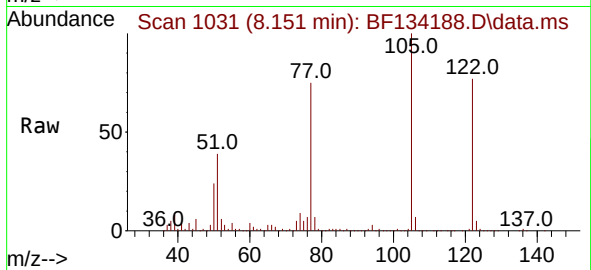
138 0.0 15.2 22.8#



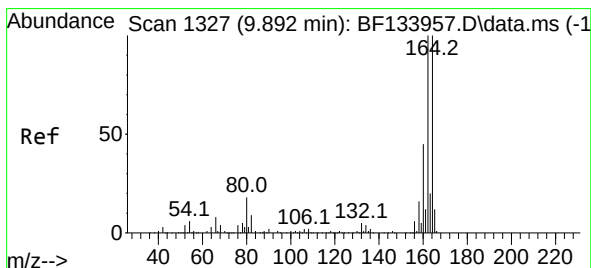
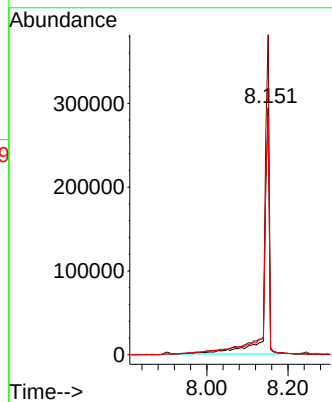
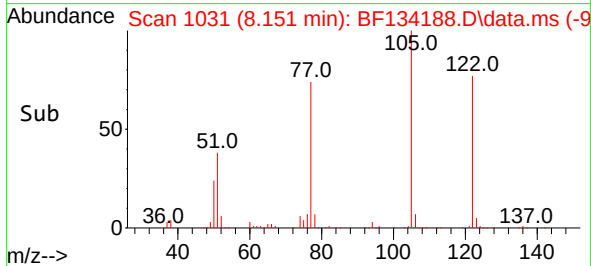


#32
Benzoic acid
Concen: 66.487 ng
RT: 8.151 min Scan# 1031
Delta R.T. 0.235 min
Lab File: BF134188.D
Acq: 10 Jul 2023 16:08

Instrument :
BNA_F
ClientSampleId :

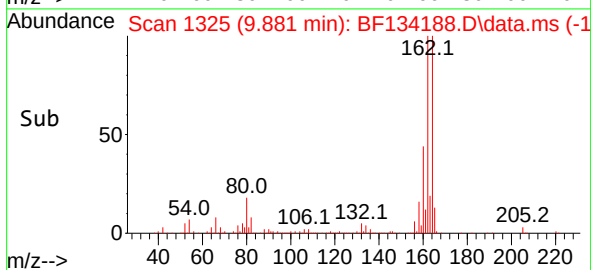
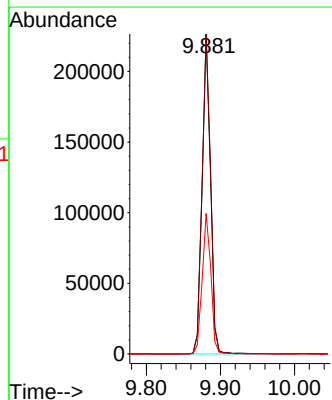
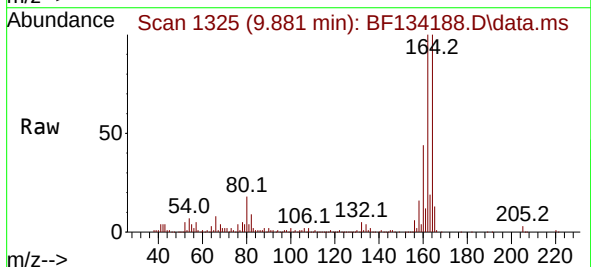


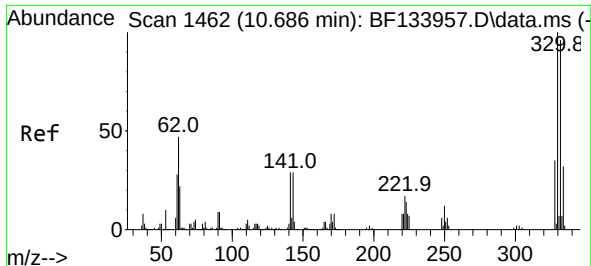
Tgt Ion:122 Resp: 243317
Ion Ratio Lower Upper
122 100
105 129.5 109.7 149.7
77 96.7 76.0 116.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.881 min Scan# 1325
Delta R.T. -0.012 min
Lab File: BF134188.D
Acq: 10 Jul 2023 16:08

Tgt Ion:164 Resp: 176910
Ion Ratio Lower Upper
164 100
162 100.2 80.0 120.0
160 44.0 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 64.642 ng

RT: 10.686 min Scan# 1462

Delta R.T. 0.000 min

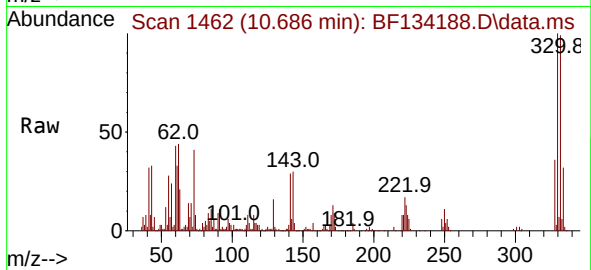
Lab File: BF134188.D

Acq: 10 Jul 2023 16:08

Instrument :

BNA_F

ClientSampleId :



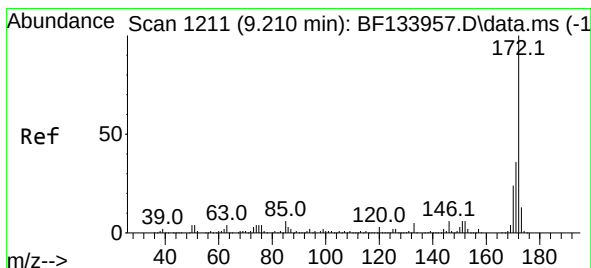
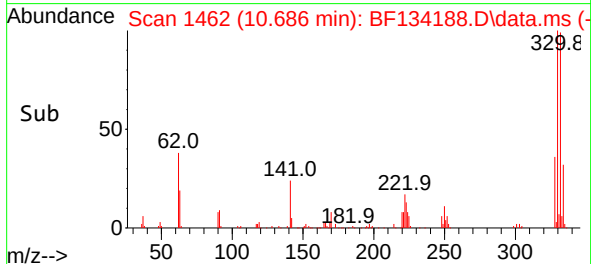
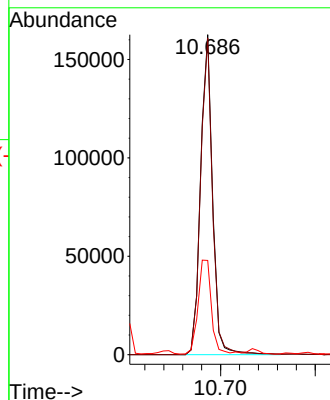
Tgt Ion:330 Resp: 143383

Ion Ratio Lower Upper

330 100

332 98.5 77.0 115.6

141 32.3 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 74.309 ng

RT: 9.204 min Scan# 1210

Delta R.T. -0.006 min

Lab File: BF134188.D

Acq: 10 Jul 2023 16:08

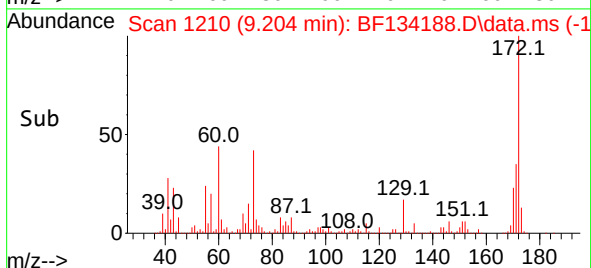
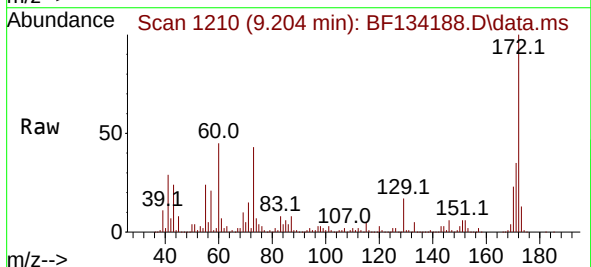
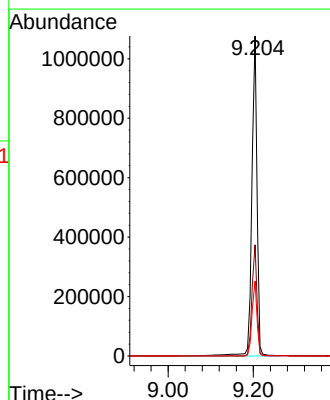
Tgt Ion:172 Resp: 904190

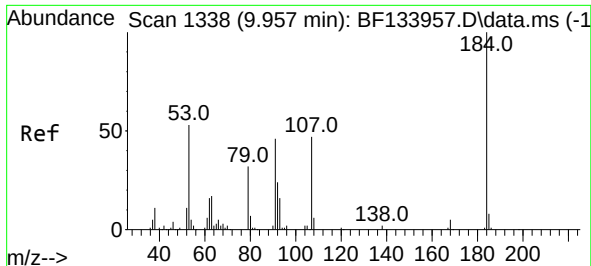
Ion Ratio Lower Upper

172 100

171 34.8 28.6 43.0

170 23.4 19.4 29.0

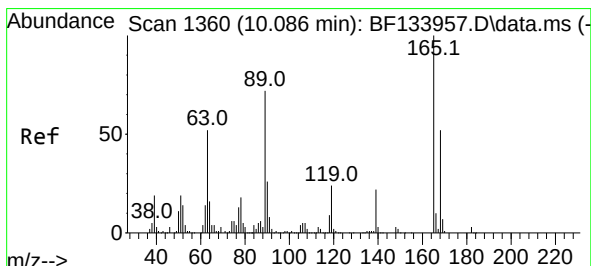
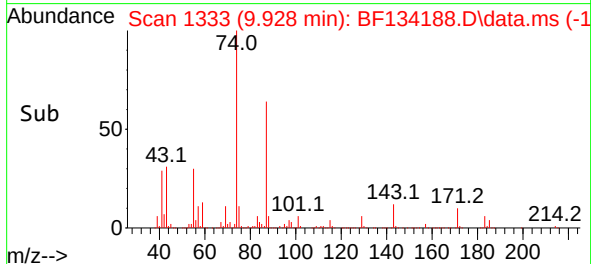
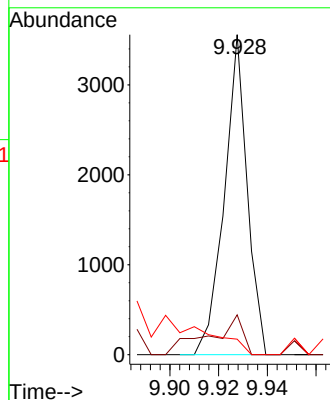
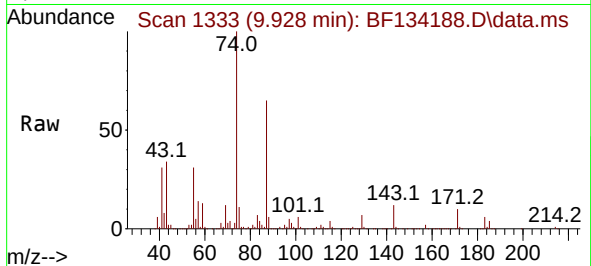




#54
2,4-Dinitrophenol
Concen: 5.247 ng
RT: 9.928 min Scan# 11
Delta R.T. -0.035 min
Lab File: BF134188.D
Acq: 10 Jul 2023 16:08

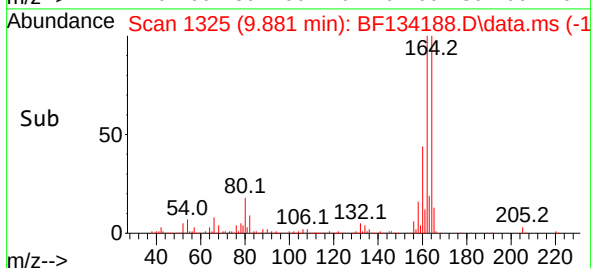
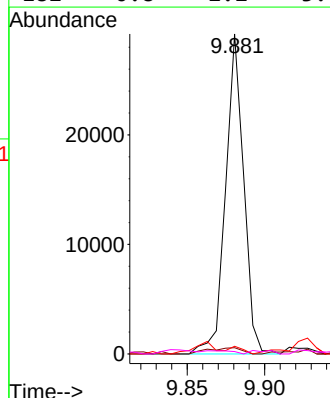
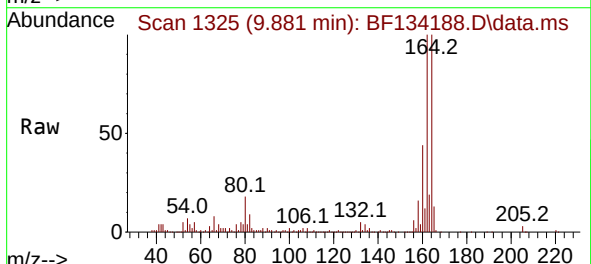
Instrument :
BNA_F
ClientSampleId :

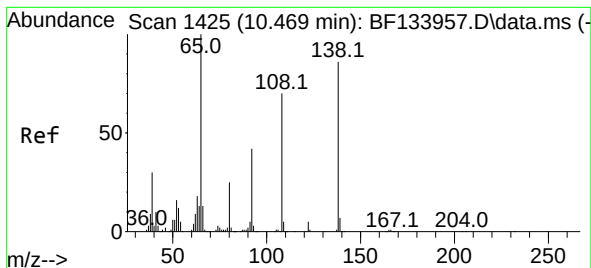
Tgt Ion:184 Resp: 2322
Ion Ratio Lower Upper
184 100
63 12.4 56.9 85.3#
154 4.9 55.4 83.0#



#57
2,4-Dinitrotoluene
Concen: 6.513 ng
RT: 9.881 min Scan# 1325
Delta R.T. -0.206 min
Lab File: BF134188.D
Acq: 10 Jul 2023 16:08

Tgt Ion:165 Resp: 23789
Ion Ratio Lower Upper
165 100
63 2.0 42.2 63.2#
89 2.4 57.4 86.2#
182 0.8 2.2 3.4#

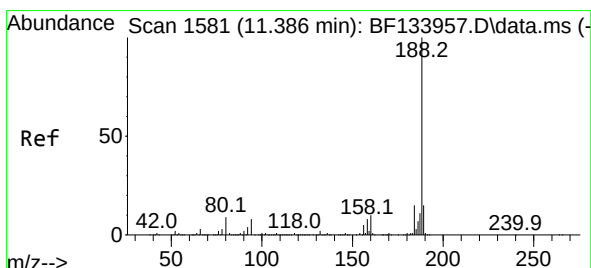
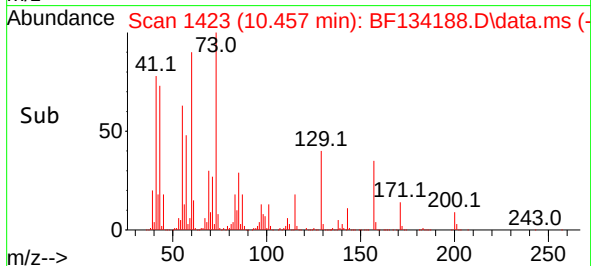
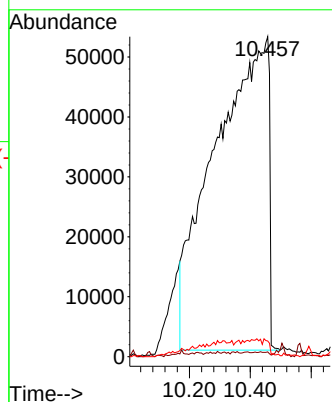
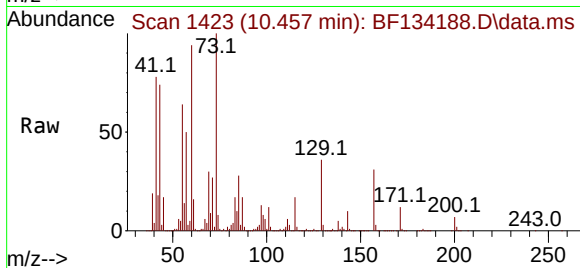




#62
4-Nitroaniline
Concen: 191.947 ng
RT: 10.457 min Scan# 1425
Delta R.T. -0.012 min
Lab File: BF134188.D
Acq: 10 Jul 2023 16:08

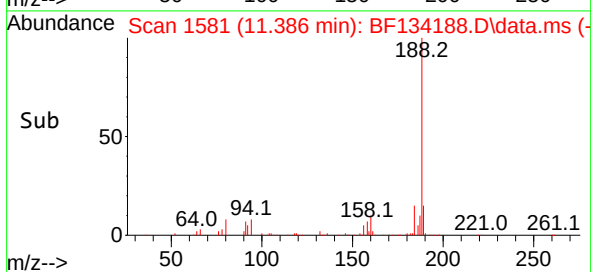
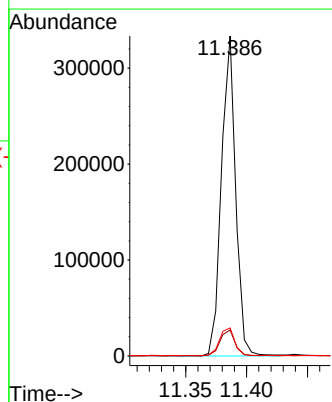
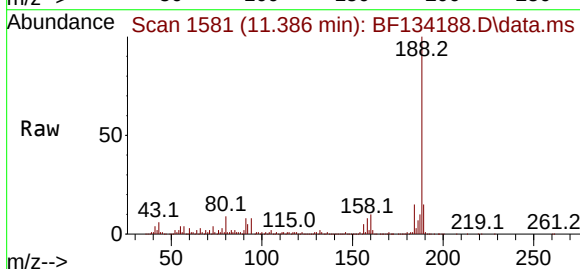
Instrument :
BNA_F
ClientSampleId :

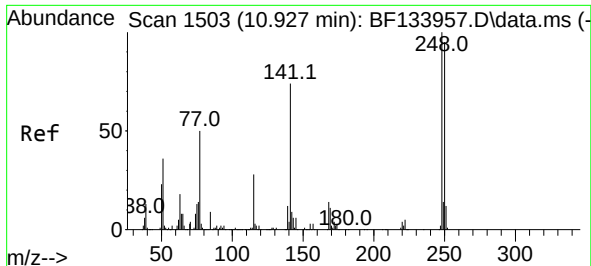
Tgt Ion:138 Resp: 641883
Ion Ratio Lower Upper
138 100
92 1.5 29.7 69.7#
108 4.9 62.1 102.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BF134188.D
Acq: 10 Jul 2023 16:08

Tgt Ion:188 Resp: 271478
Ion Ratio Lower Upper
188 100
94 8.1 6.4 9.6
80 8.7 7.3 10.9





#67

4-Bromophenyl-phenylether

Concen: 3.196 ng

RT: 10.686 min Scan# 1462

Delta R.T. -0.241 min

Lab File: BF134188.D

Acq: 10 Jul 2023 16:08

Instrument :

BNA_F

ClientSampleId :

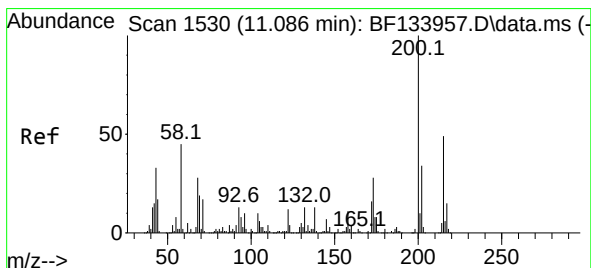
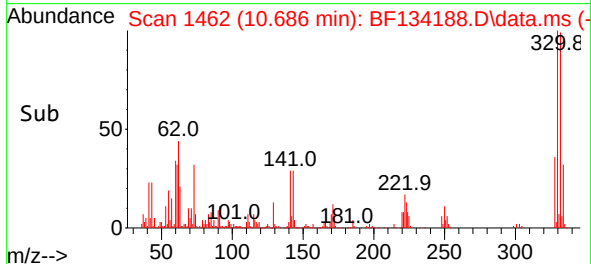
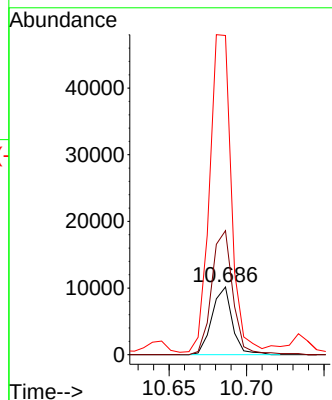
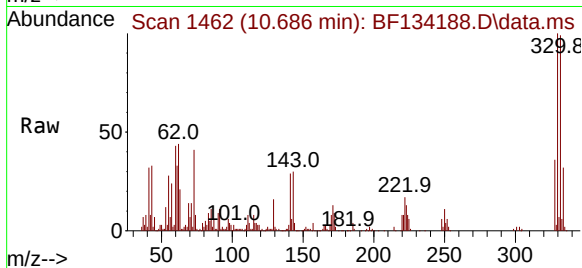
Tgt Ion:248 Resp: 9221

Ion Ratio Lower Upper

248 100

250 183.2 76.2 114.4#

141 471.9 59.0 88.4#



#69

Atrazine

Concen: 12.940 ng

RT: 11.186 min Scan# 1547

Delta R.T. 0.100 min

Lab File: BF134188.D

Acq: 10 Jul 2023 16:08

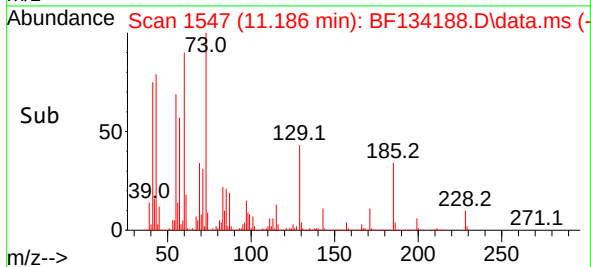
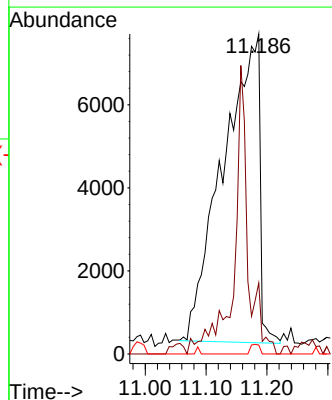
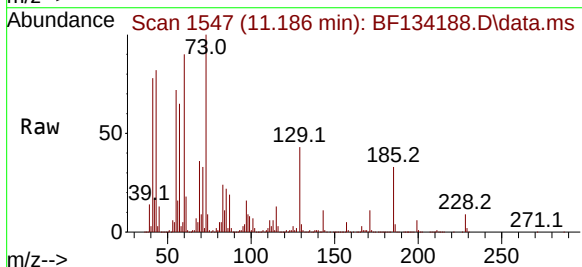
Tgt Ion:200 Resp: 31047

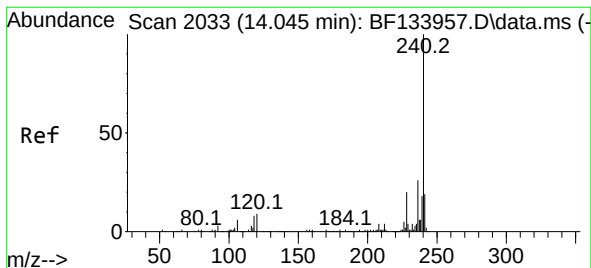
Ion Ratio Lower Upper

200 100

173 22.2 8.0 48.0

215 2.8 29.3 69.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2033

Delta R.T. -0.006 min

Lab File: BF134188.D

Acq: 10 Jul 2023 16:08

Instrument :

BNA_F

ClientSampleId :

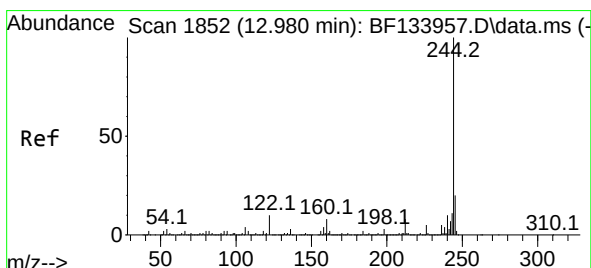
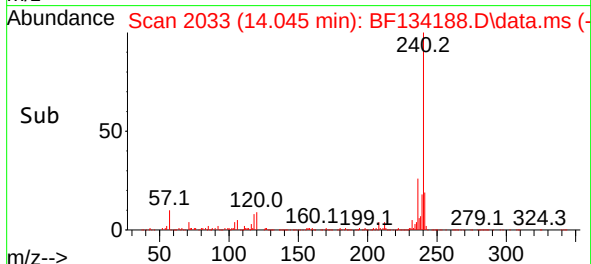
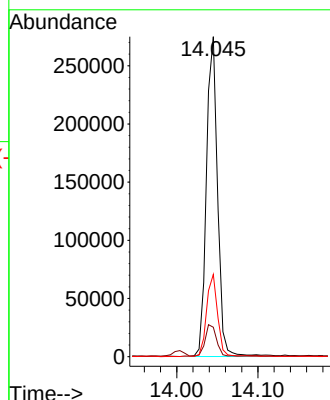
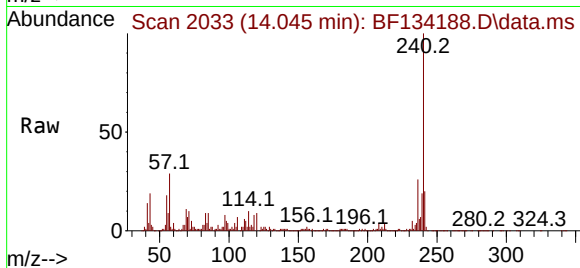
Tgt Ion:240 Resp: 262032

Ion Ratio Lower Upper

240 100

120 9.2 7.4 11.0

236 25.7 21.0 31.6



#79

Terphenyl-d14

Concen: 63.411 ng

RT: 12.986 min Scan# 1853

Delta R.T. 0.000 min

Lab File: BF134188.D

Acq: 10 Jul 2023 16:08

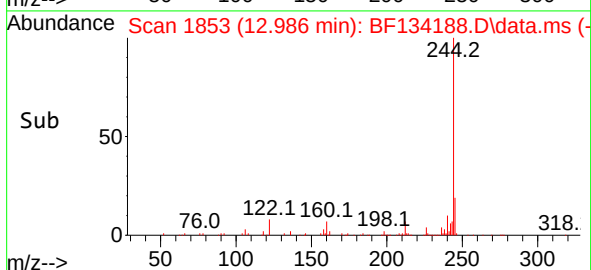
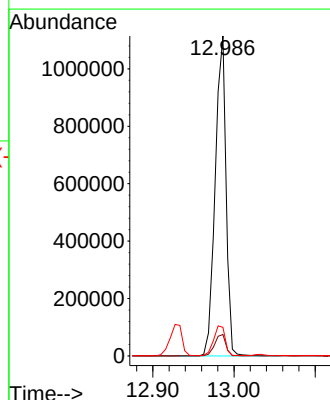
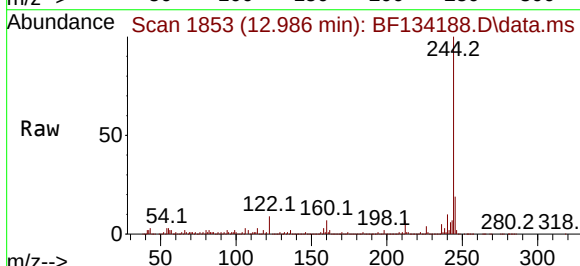
Tgt Ion:244 Resp: 1032405

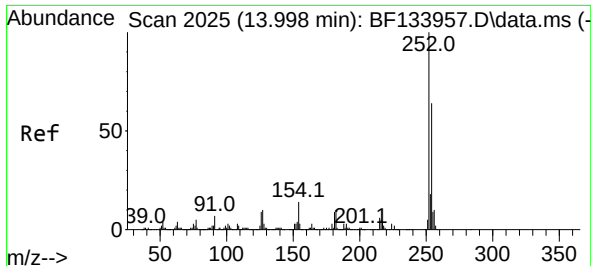
Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

122 8.9 8.3 12.5

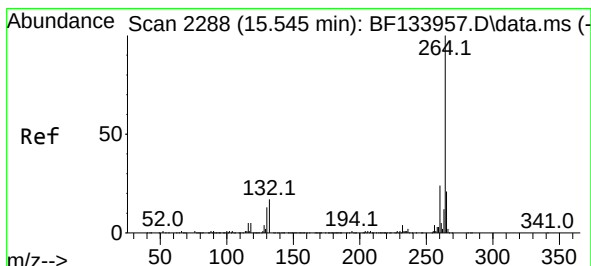
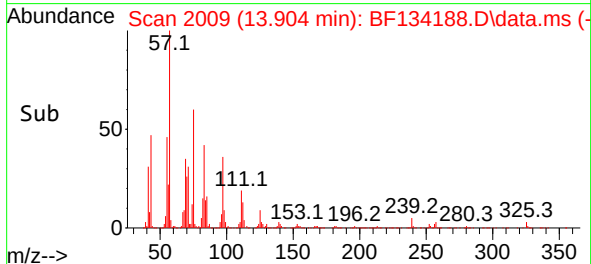
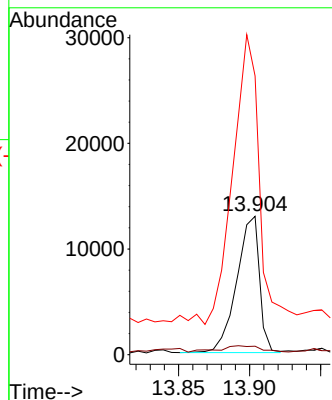
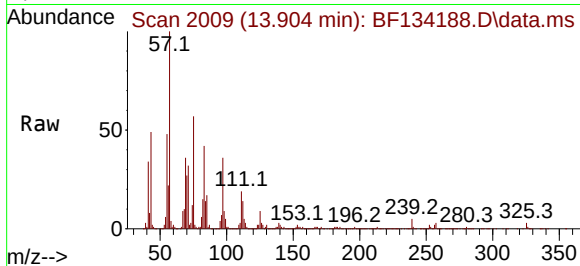




#82
 3,3'-Dichlorobenzidine
 Concen: 2.506 ng
 RT: 13.904 min Scan# 20
 Delta R.T. -0.094 min
 Lab File: BF134188.D
 Acq: 10 Jul 2023 16:08

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:252 Resp: 14430
 Ion Ratio Lower Upper
 252 100
 254 6.2 51.4 77.0#
 126 201.3 7.4 11.2#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.551 min Scan# 2289
 Delta R.T. 0.000 min
 Lab File: BF134188.D
 Acq: 10 Jul 2023 16:08

Tgt Ion:264 Resp: 231825
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.5 29.3
 265 21.8 16.6 25.0

