

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061523\
 Data File : BF133792.D
 Acq On : 16 Jun 2023 00:33
 Operator : CG\JU
 Sample : 03261-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONC-1

Quant Time: Jun 16 03:02:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 15 15:12:57 2023
 Response via : Initial Calibration

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

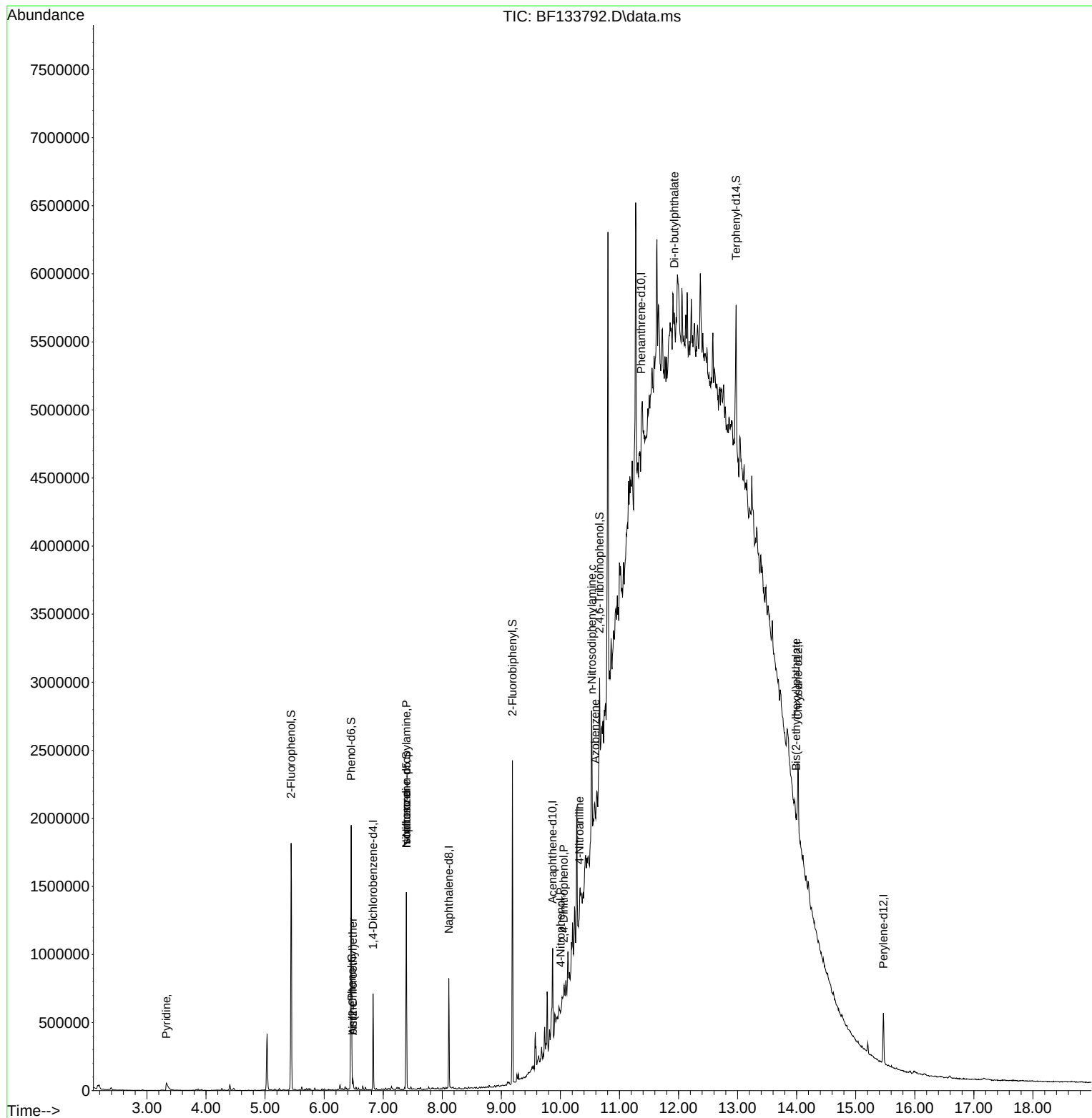
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	89637	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	301136	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	115424	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	144178	20.000	ng	# 0.01
76) Chrysene-d12	14.021	240	159376	20.000	ng	# 0.02
86) Perylene-d12	15.468	264	167813	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	468030	90.899	ng	0.00
7) Phenol-d6	6.457	99	579581	86.477	ng	0.00
23) Nitrobenzene-d5	7.393	82	385266	69.683	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	89400	61.188	ng	0.00
45) 2-Fluorobiphenyl	9.187	172	625310	77.011	ng	0.00
79) Terphenyl-d14	12.974	244	493230	47.887	ng	0.03
Target Compounds						
						Qvalue
3) Pyridine	3.328	79	46478	7.044	ng	98
6) Aniline	6.487	93	23600	2.796	ng	97
10) Phenol	6.469	94	49698	7.101	ng	95
11) bis(2-Chloroethyl)ether	6.487	93	23600	4.542	ng	# 24
19) n-Nitroso-di-n-propyla...	7.393	70	55792	13.084	ng	# 76
25) Isophorone	7.393	82	385266	37.956	ng	# 65
54) 2,4-Dinitrophenol	10.057	184	244	5.977	ng	# 1
56) 4-Nitrophenol	10.004	139	3014	2.064	ng	# 1
62) 4-Nitroaniline	10.322	138	14207	6.696	ng	79
63) Azobenzene	10.586	77	22129	2.666	ng	# 30
66) n-Nitrosodiphenylamine	10.533	169	18223	3.763	ng	# 54
74) Di-n-butylphthalate	11.928	149	39248	4.310	ng	# 30
84) Bis(2-ethylhexyl)phtha...	13.992	149	17728	2.297	ng	# 73

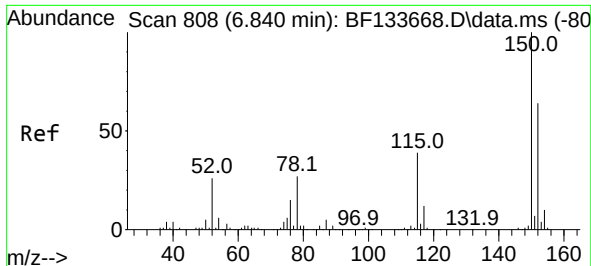
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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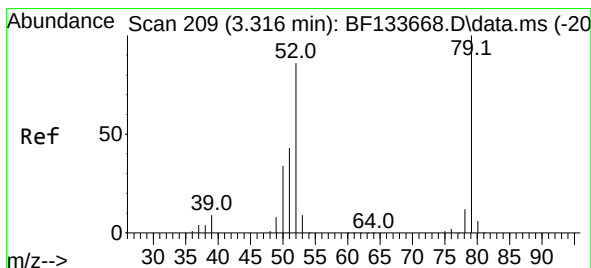
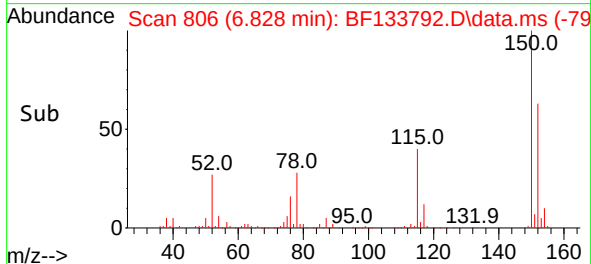
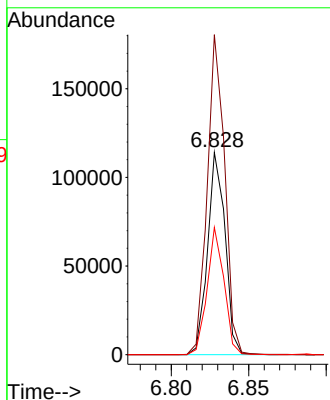
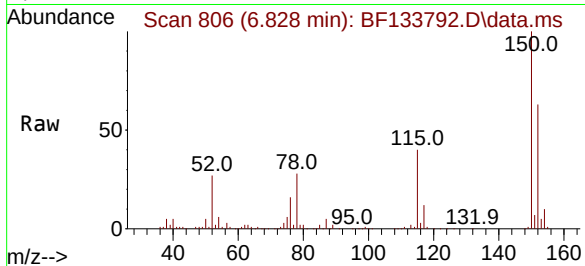




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF133792.D
Acq: 16 Jun 2023 00:33

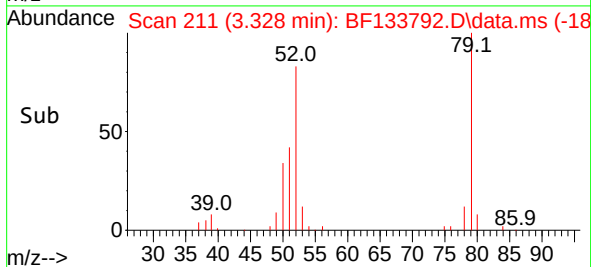
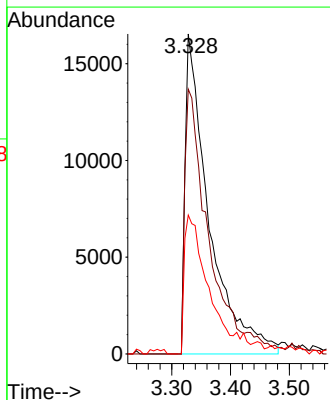
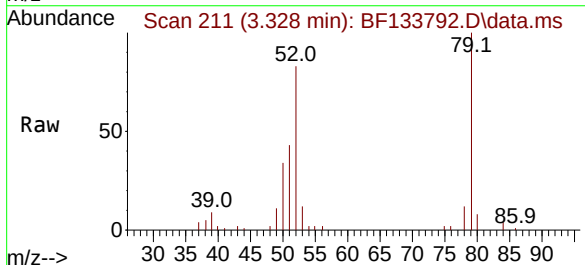
Instrument :
BNA_F
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CONC-1

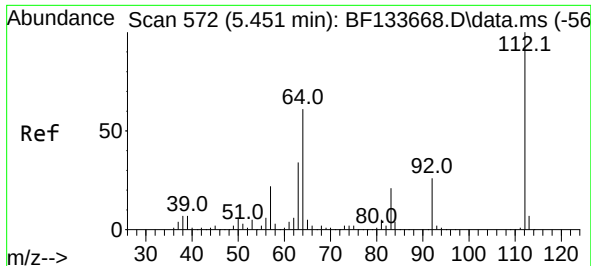
Tgt Ion:152 Resp: 89637
Ion Ratio Lower Upper
152 100
150 158.2 124.3 186.5
115 62.9 48.5 72.7



#3
Pyridine
Concen: 7.044 ng
RT: 3.328 min Scan# 211
Delta R.T. 0.035 min
Lab File: BF133792.D
Acq: 16 Jun 2023 00:33

Tgt Ion: 79 Resp: 46478
Ion Ratio Lower Upper
79 100
52 82.8 68.6 102.8
51 43.4 34.8 52.2

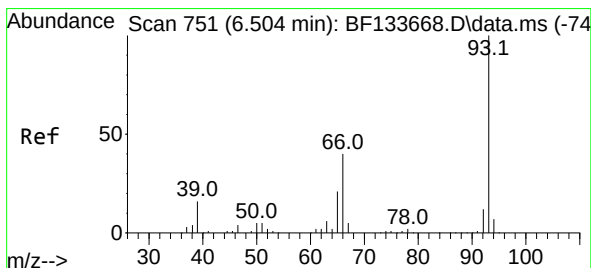
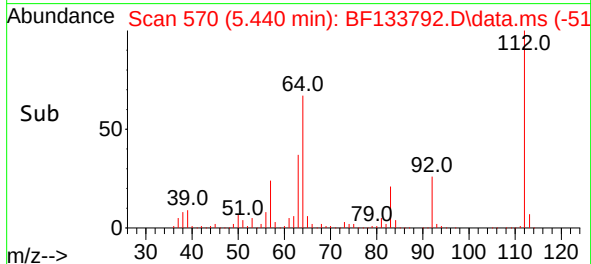
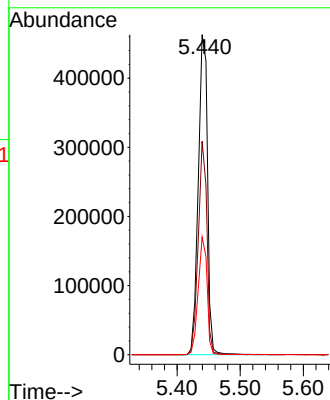
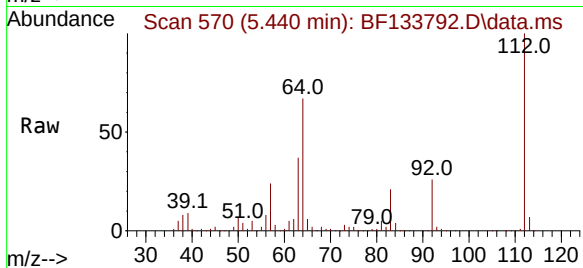




#5
2-Fluorophenol
Concen: 90.899 ng
RT: 5.440 min Scan# 51
Delta R.T. -0.000 min
Lab File: BF133792.D
Acq: 16 Jun 2023 00:33

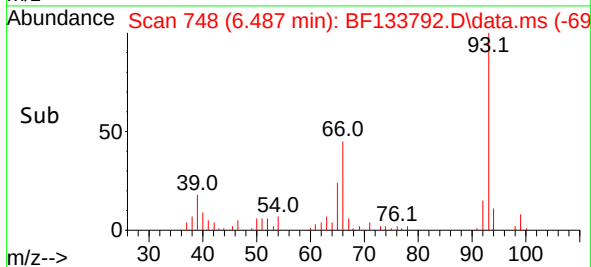
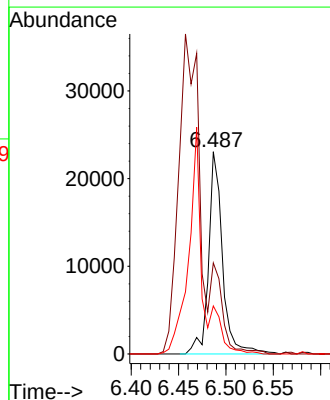
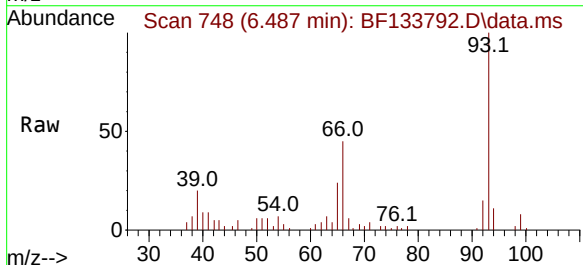
Instrument :
BNA_F
ClientSampleId :
CONC-1

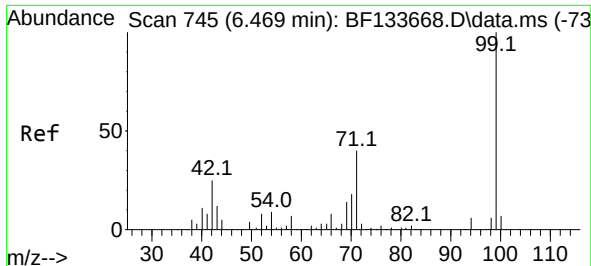
Tgt Ion:112 Resp: 468030
Ion Ratio Lower Upper
112 100
64 66.7 49.0 73.4
63 36.8 26.8 40.2



#6
Aniline
Concen: 2.796 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.012 min
Lab File: BF133792.D
Acq: 16 Jun 2023 00:33

Tgt Ion: 93 Resp: 23600
Ion Ratio Lower Upper
93 100
66 45.0 34.4 51.6
65 23.7 17.5 26.3

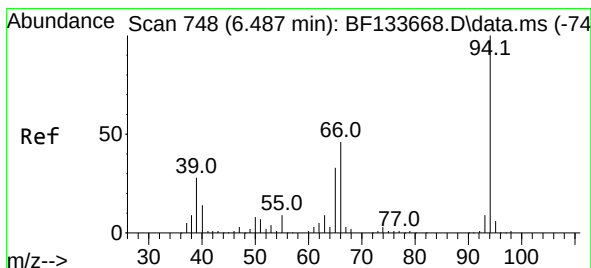
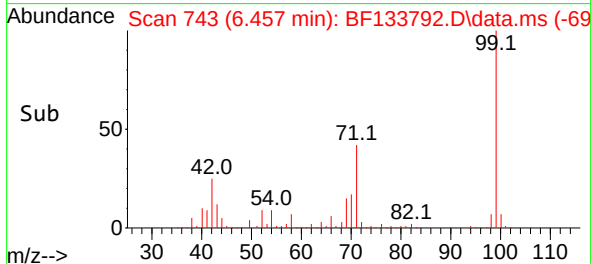
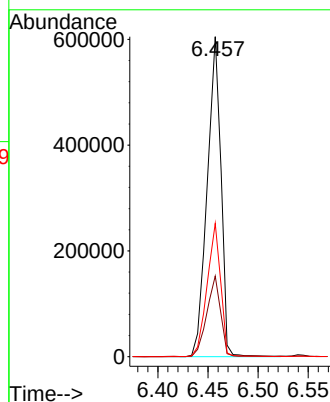
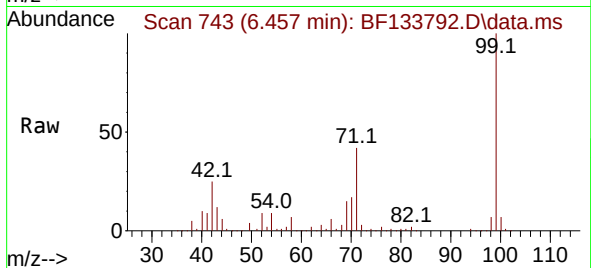




#7
Phenol-d6
Concen: 86.477 ng
RT: 6.457 min Scan# 745
Delta R.T. -0.006 min
Lab File: BF133792.D
Acq: 16 Jun 2023 00:33

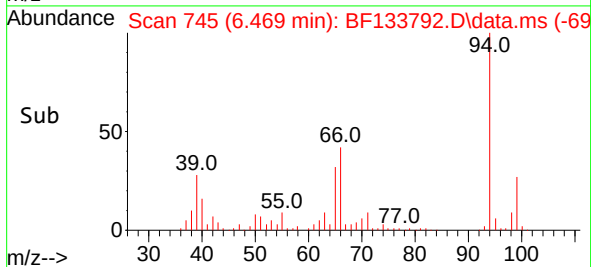
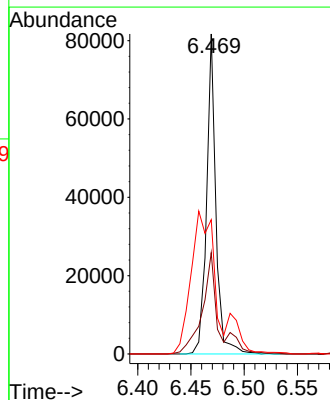
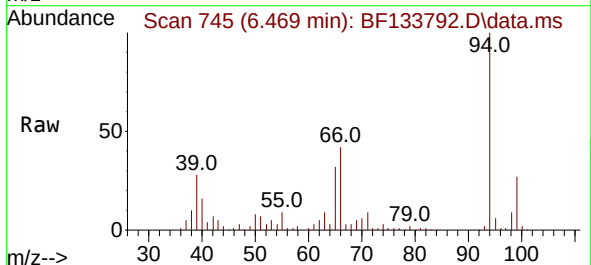
Instrument :
BNA_F
ClientSampleId :
CONC-1

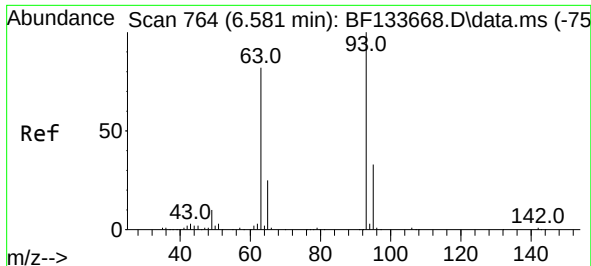
Tgt Ion: 99 Resp: 579581
Ion Ratio Lower Upper
99 100
42 25.2 19.9 29.9
71 41.7 32.2 48.4



#10
Phenol
Concen: 7.101 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.006 min
Lab File: BF133792.D
Acq: 16 Jun 2023 00:33

Tgt Ion: 94 Resp: 49698
Ion Ratio Lower Upper
94 100
65 31.7 13.2 53.2
66 42.0 26.1 66.1

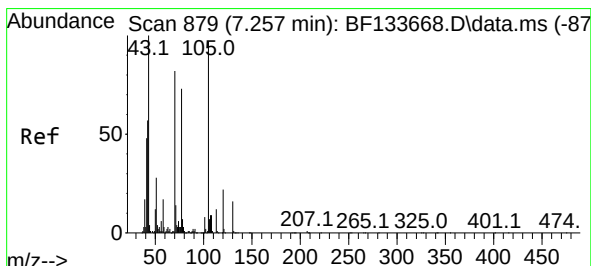
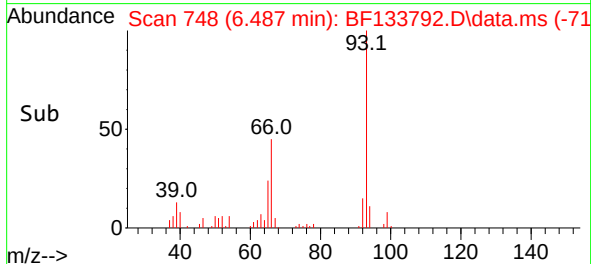
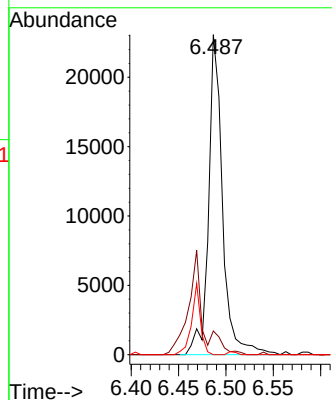
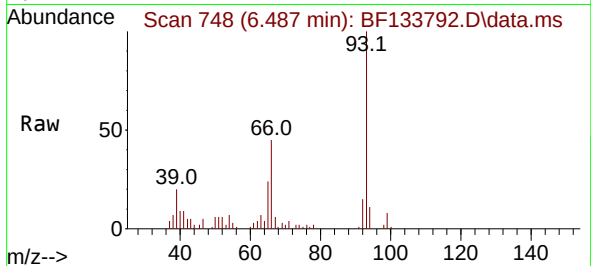




#11
bis(2-Chloroethyl)ether
Concen: 4.542 ng
RT: 6.487 min Scan# 74
Delta R.T. -0.082 min
Lab File: BF133792.D
Acq: 16 Jun 2023 00:33

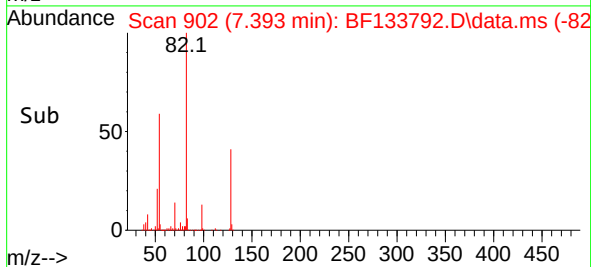
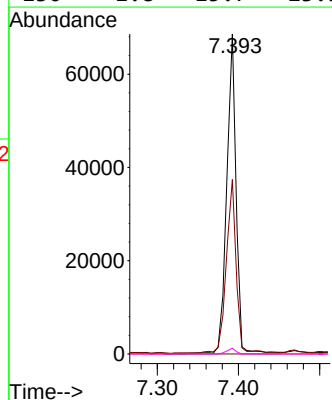
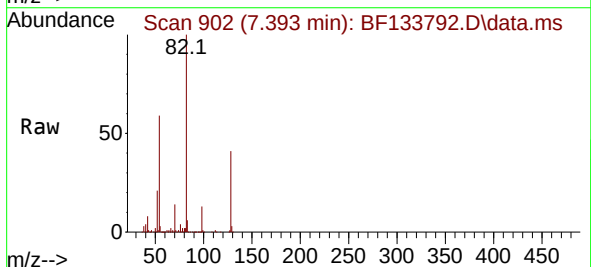
Instrument :
BNA_F
ClientSampleId :
CONC-1

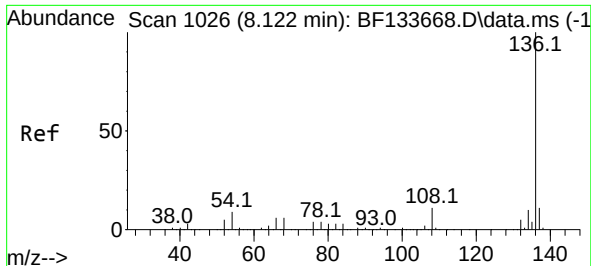
Tgt Ion: 93 Resp: 23600
Ion Ratio Lower Upper
93 100
63 7.4 62.1 102.1#
95 0.0 13.0 53.0#



#19
n-Nitroso-di-n-propylamine
Concen: 13.084 ng
RT: 7.393 min Scan# 902
Delta R.T. 0.147 min
Lab File: BF133792.D
Acq: 16 Jun 2023 00:33

Tgt Ion: 70 Resp: 55792
Ion Ratio Lower Upper
70 100
42 54.5 55.8 83.8#
101 0.0 8.1 12.1#
130 1.8 15.7 23.5#

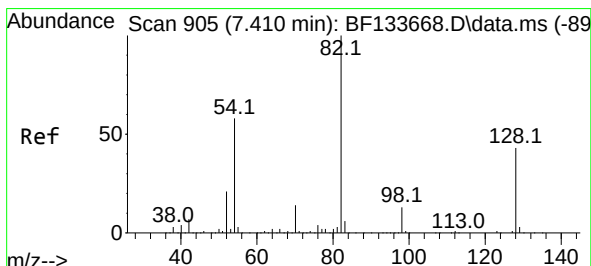
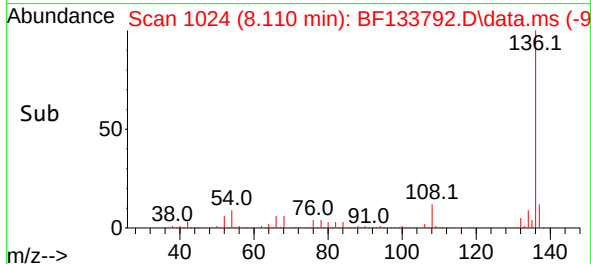
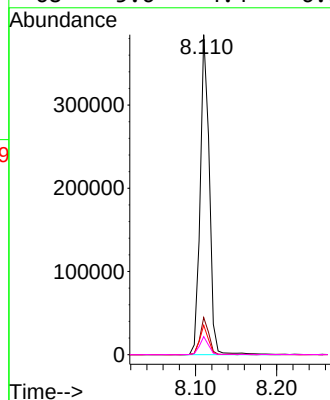
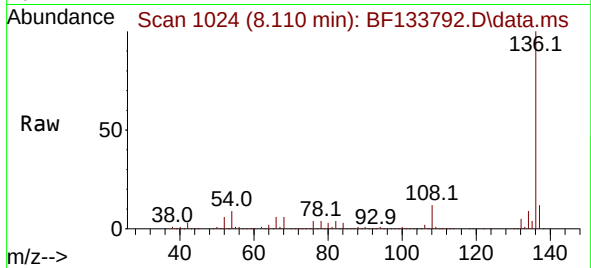




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF133792.D
Acq: 16 Jun 2023 00:33

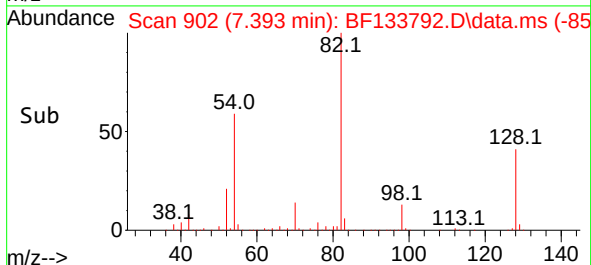
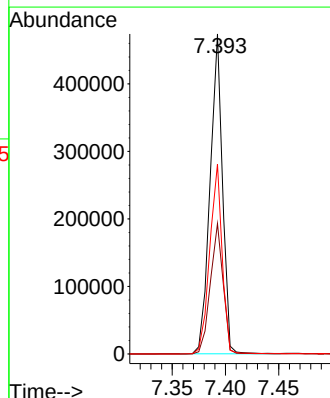
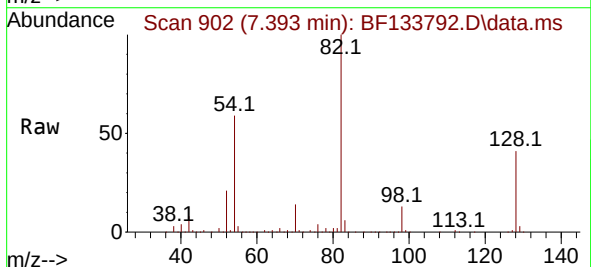
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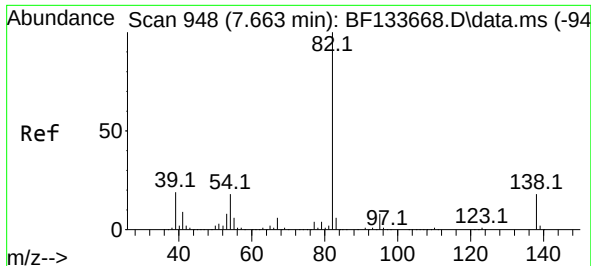
Tgt Ion:136 Resp: 301136
Ion Ratio Lower Upper
136 100
137 11.6 8.8 13.2
54 9.2 7.4 11.0
68 5.6 4.4 6.6



#23
Nitrobenzene-d5
Concen: 69.683 ng
RT: 7.393 min Scan# 902
Delta R.T. -0.006 min
Lab File: BF133792.D
Acq: 16 Jun 2023 00:33

Tgt Ion: 82 Resp: 385266
Ion Ratio Lower Upper
82 100
128 40.7 34.2 51.2
54 59.4 46.5 69.7

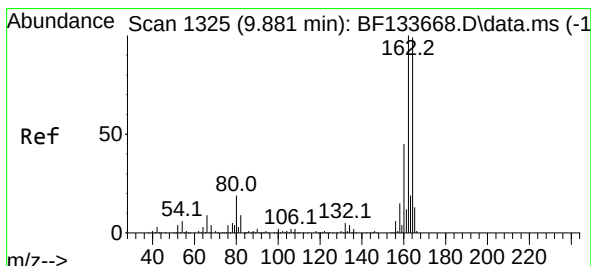
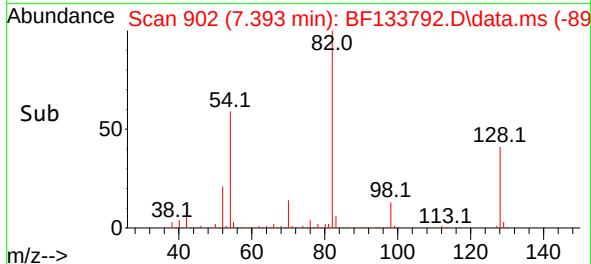
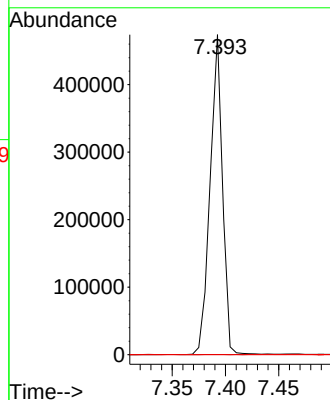
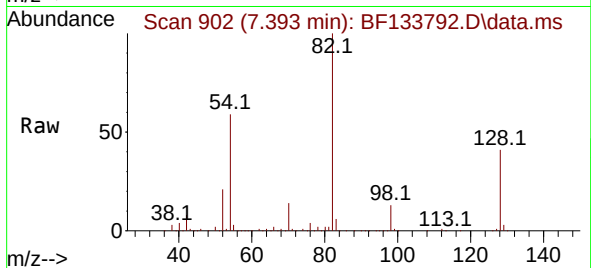




#25
Isophorone
Concen: 37.956 ng
RT: 7.393 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF133792.D
Acq: 16 Jun 2023 00:33

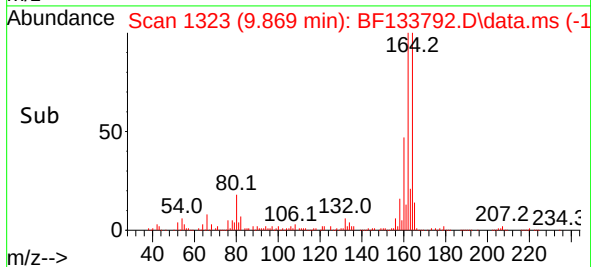
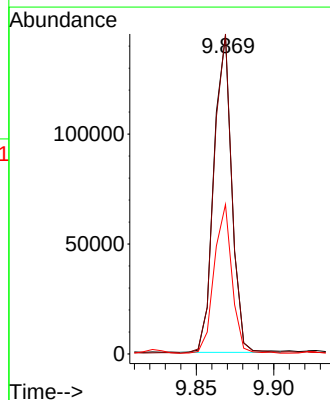
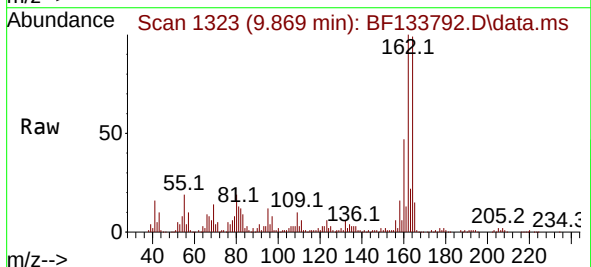
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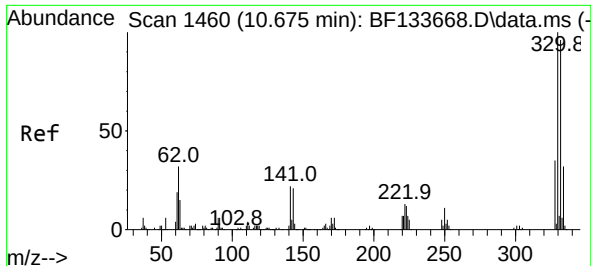
Tgt Ion: 82 Resp: 385266
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1323
Delta R.T. 0.000 min
Lab File: BF133792.D
Acq: 16 Jun 2023 00:33

Tgt Ion:164 Resp: 115424
Ion Ratio Lower Upper
164 100
162 100.5 80.8 121.2
160 46.9 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 61.188 ng

RT: 10.663 min Scan# 1458

Delta R.T. 0.000 min

Lab File: BF133792.D

Acq: 16 Jun 2023 00:33

Instrument :

BNA_F

ClientSampleId :

CONC-1

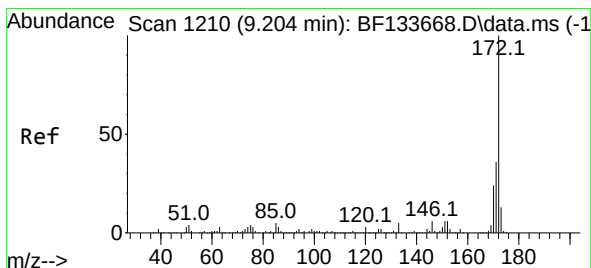
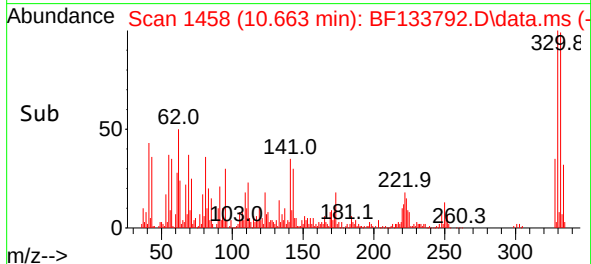
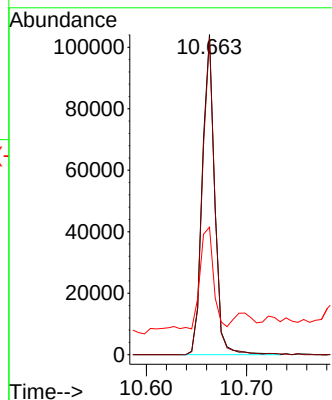
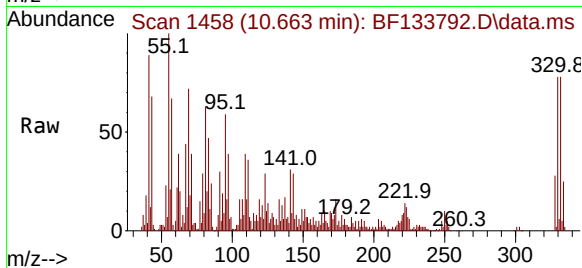
Tgt Ion:330 Resp: 89400

Ion Ratio Lower Upper

330 100

332 98.0 77.2 115.8

141 34.1 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 77.011 ng

RT: 9.187 min Scan# 1207

Delta R.T. -0.006 min

Lab File: BF133792.D

Acq: 16 Jun 2023 00:33

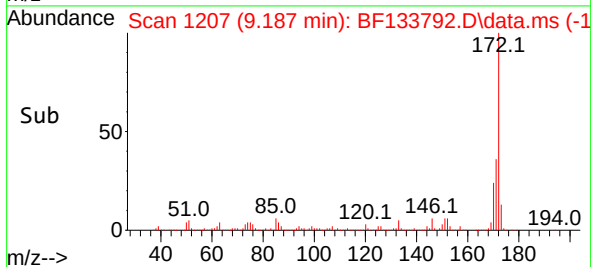
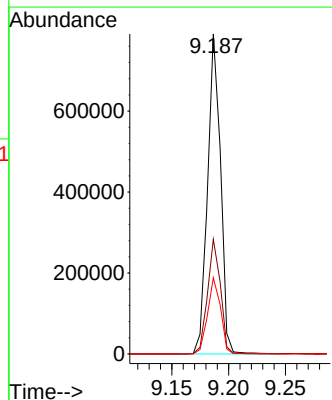
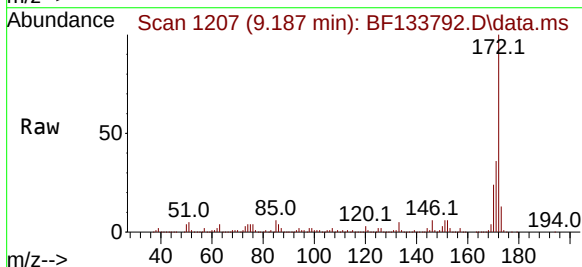
Tgt Ion:172 Resp: 625310

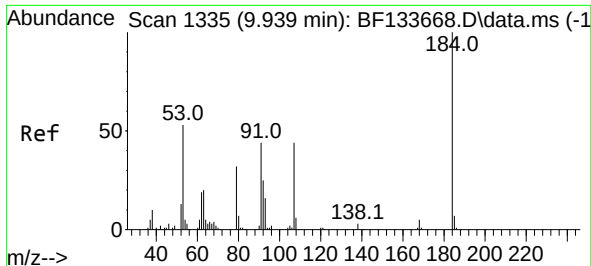
Ion Ratio Lower Upper

172 100

171 35.8 28.6 43.0

170 23.8 19.1 28.7

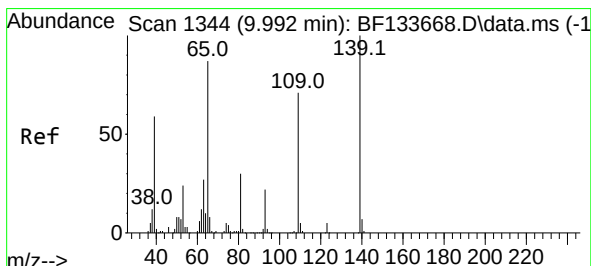
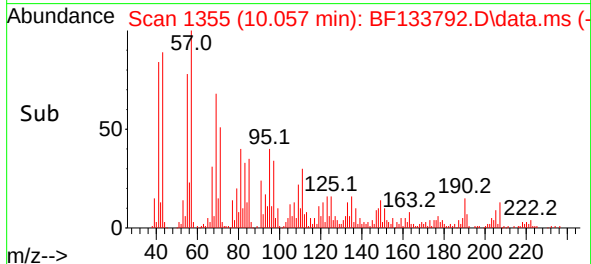
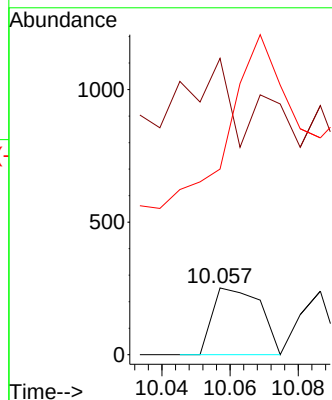
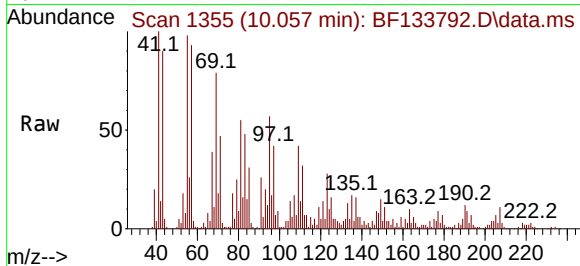




#54
2,4-Dinitrophenol
Concen: 5.977 ng
RT: 10.057 min Scan# 1355
Delta R.T. 0.124 min
Lab File: BF133792.D
Acq: 16 Jun 2023 00:33

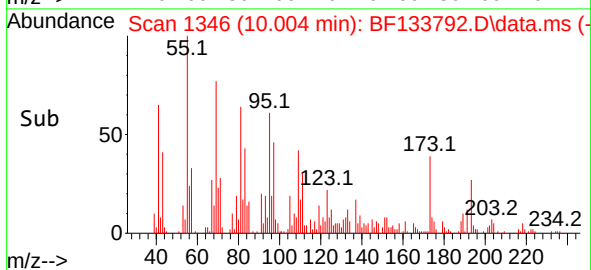
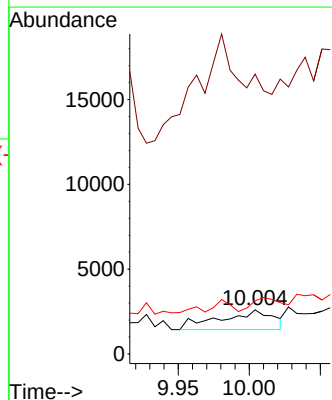
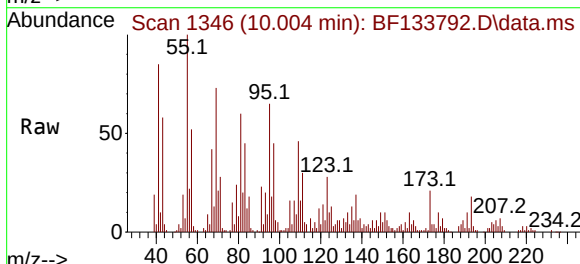
Instrument :
BNA_F
ClientSampleId :
CONC-1

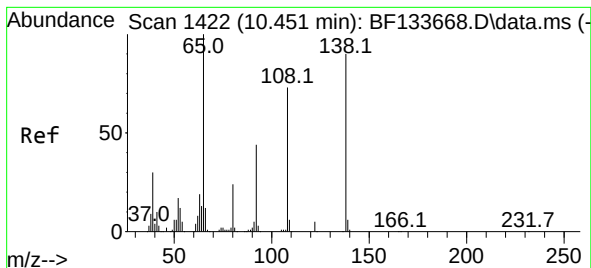
Tgt Ion:184 Resp: 244
Ion Ratio Lower Upper
184 100
63 443.7 55.3 82.9#
154 277.8 51.9 77.9#



#56
4-Nitrophenol
Concen: 2.064 ng
RT: 10.004 min Scan# 1346
Delta R.T. 0.024 min
Lab File: BF133792.D
Acq: 16 Jun 2023 00:33

Tgt Ion:139 Resp: 3014
Ion Ratio Lower Upper
139 100
109 632.5 50.7 90.7#
65 120.2 67.1 107.1#

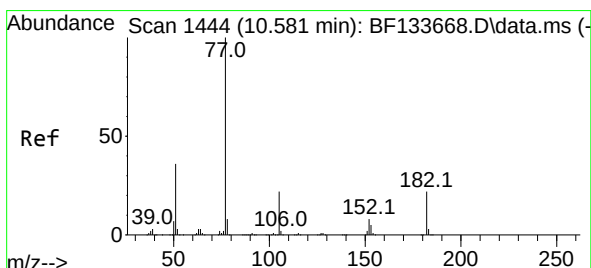
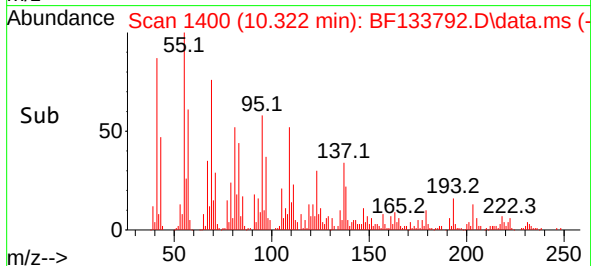
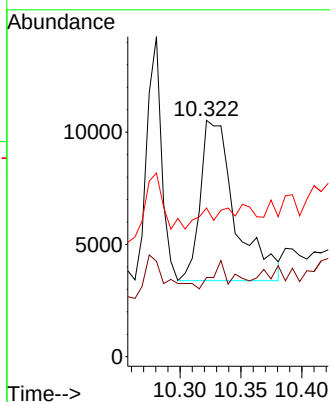
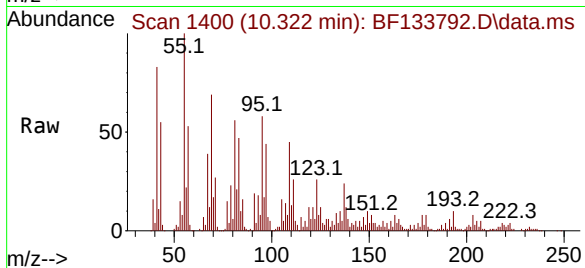




#62
4-Nitroaniline
Concen: 6.696 ng
RT: 10.322 min Scan# 1422
Delta R.T. -0.118 min
Lab File: BF133792.D
Acq: 16 Jun 2023 00:33

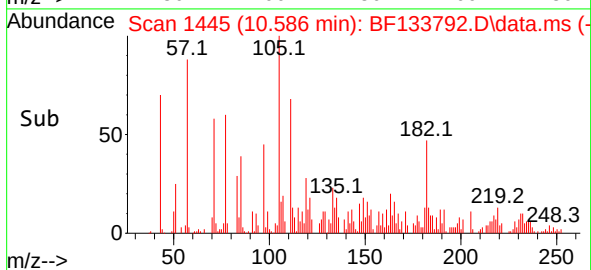
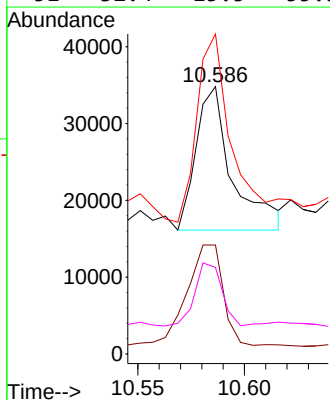
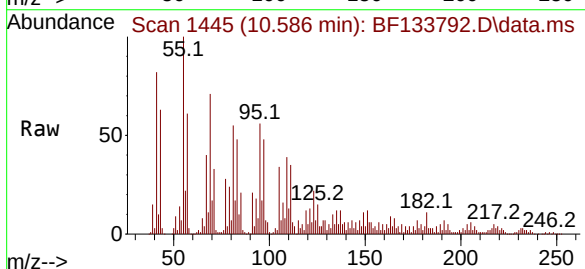
Instrument :
BNA_F
ClientSampleId :
CONC-1

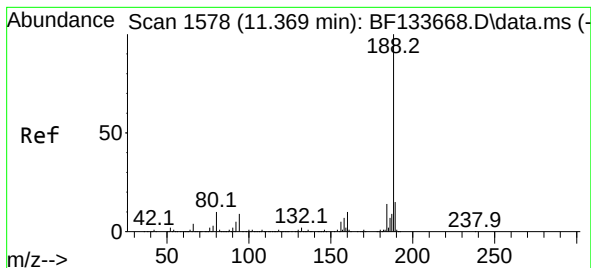
Tgt Ion:138 Resp: 14207
Ion Ratio Lower Upper
138 100
92 33.5 28.9 68.9
108 62.9 61.0 101.0



#63
Azobenzene
Concen: 2.666 ng
RT: 10.586 min Scan# 1445
Delta R.T. 0.012 min
Lab File: BF133792.D
Acq: 16 Jun 2023 00:33

Tgt Ion: 77 Resp: 22129
Ion Ratio Lower Upper
77 100
182 40.8 1.6 41.6
105 119.7 1.6 41.6#
51 32.4 15.5 55.5





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.369 min Scan# 1

Delta R.T. 0.012 min

Lab File: BF133792.D

Acq: 16 Jun 2023 00:33

Instrument :

BNA_F

ClientSampleId :

CONC-1

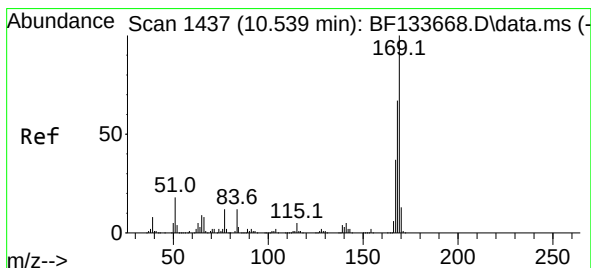
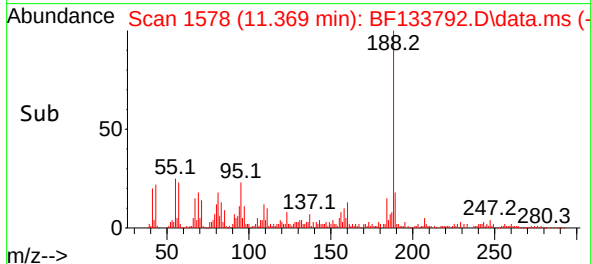
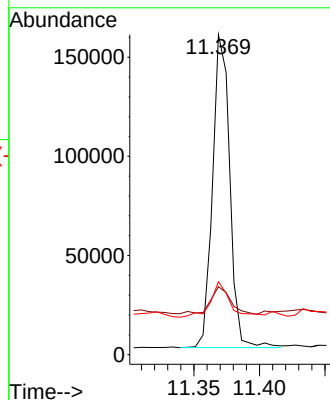
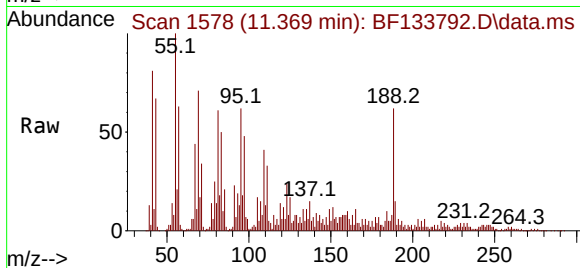
Tgt Ion:188 Resp: 144178

Ion Ratio Lower Upper

188 100

94 21.2 6.8 10.2#

80 22.8 7.8 11.6#



#66

n-Nitrosodiphenylamine

Concen: 3.763 ng

RT: 10.533 min Scan# 1436

Delta R.T. -0.000 min

Lab File: BF133792.D

Acq: 16 Jun 2023 00:33

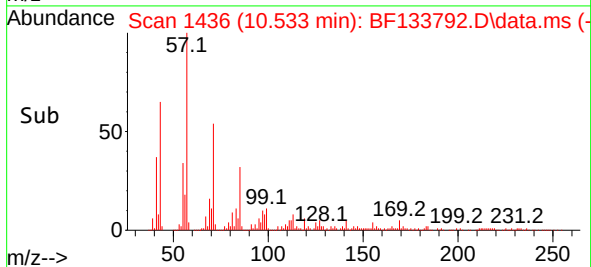
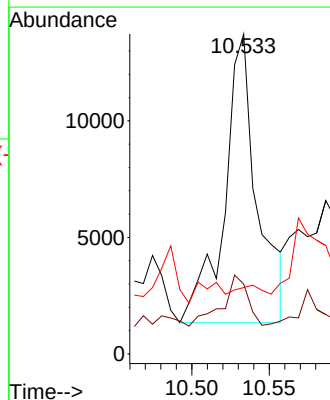
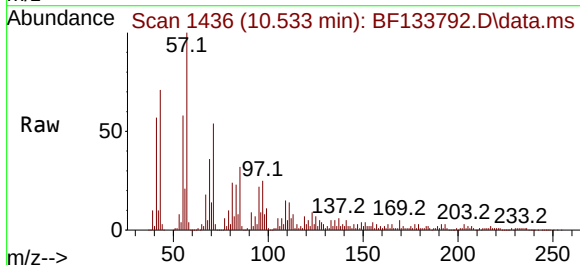
Tgt Ion:169 Resp: 18223

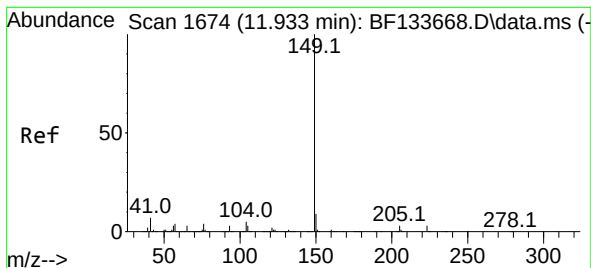
Ion Ratio Lower Upper

169 100

168 21.8 53.7 80.5#

167 20.7 29.8 44.8#





#74

Di-n-butylphthalate

Concen: 4.310 ng

RT: 11.928 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF133792.D

Acq: 16 Jun 2023 00:33

Instrument :

BNA_F

ClientSampleId :

CONC-1

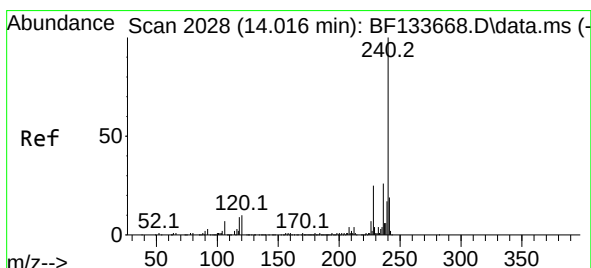
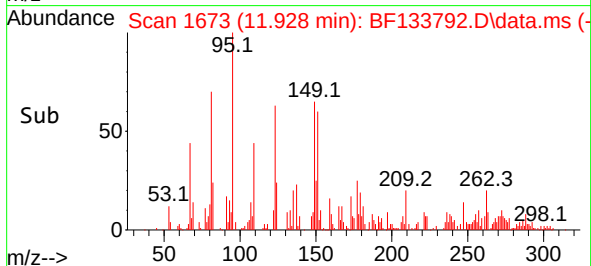
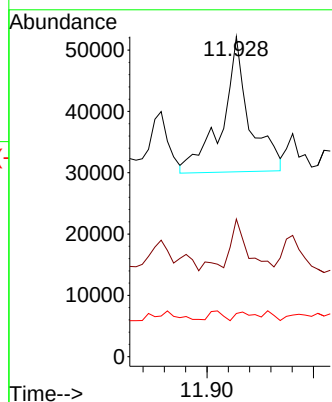
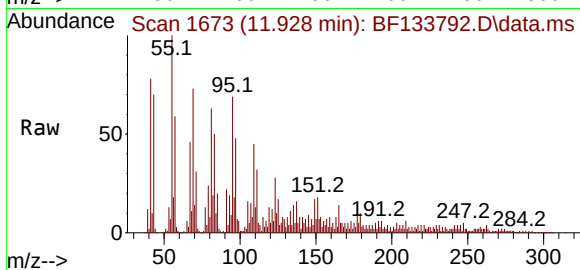
Tgt Ion:149 Resp: 39248

Ion Ratio Lower Upper

149 100

150 43.0 7.4 11.0#

104 13.5 3.8 5.8#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.021 min Scan# 2029

Delta R.T. 0.018 min

Lab File: BF133792.D

Acq: 16 Jun 2023 00:33

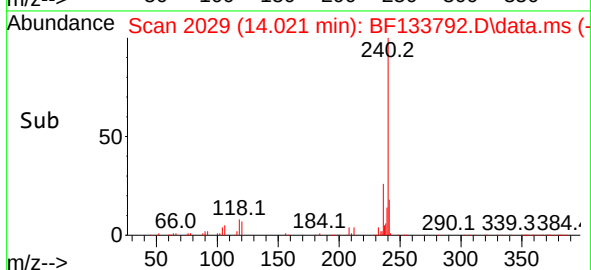
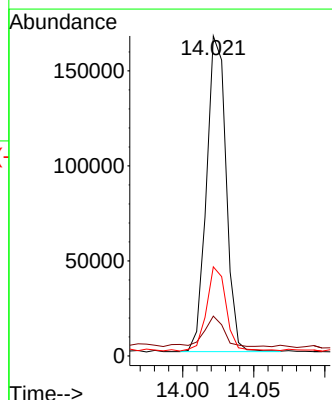
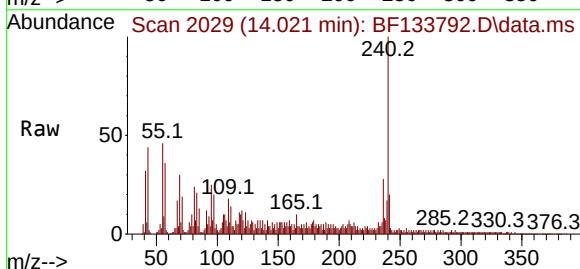
Tgt Ion:240 Resp: 159376

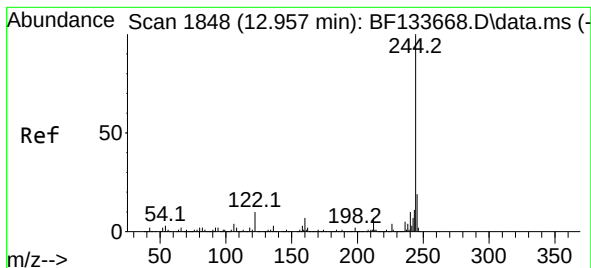
Ion Ratio Lower Upper

240 100

120 12.4 8.1 12.1#

236 27.9 20.5 30.7





#79

Terphenyl-d14

Concen: 47.887 ng

RT: 12.974 min Scan# 1851

Delta R.T. 0.029 min

Lab File: BF133792.D

Acq: 16 Jun 2023 00:33

Instrument :

BNA_F

ClientSampleId :

CONC-1

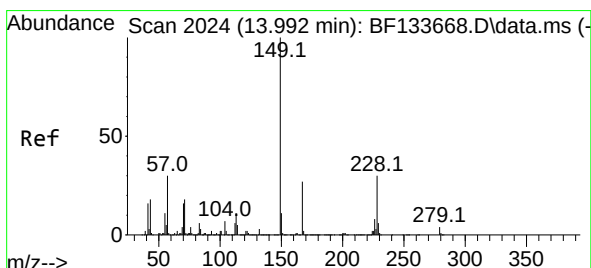
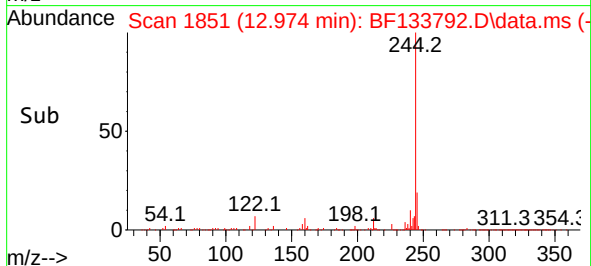
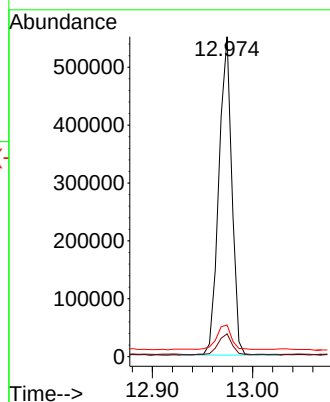
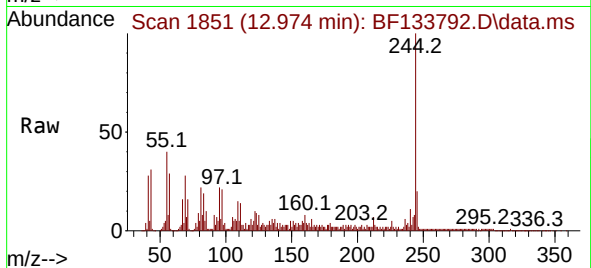
Tgt Ion:244 Resp: 493230

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.2

122 9.9 8.1 12.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.297 ng

RT: 13.992 min Scan# 2024

Delta R.T. 0.012 min

Lab File: BF133792.D

Acq: 16 Jun 2023 00:33

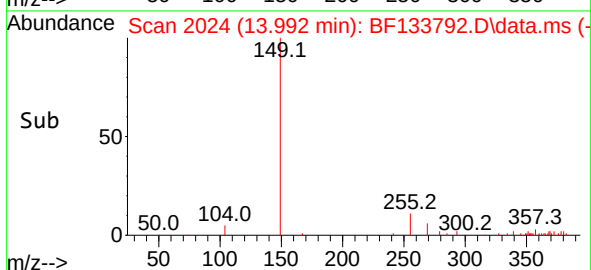
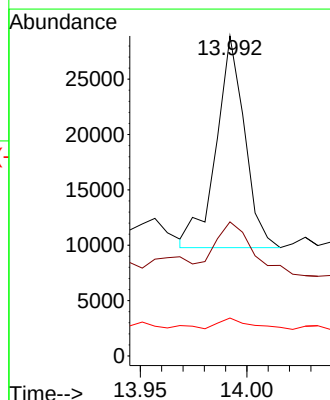
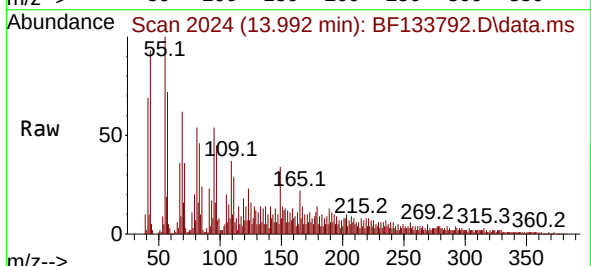
Tgt Ion:149 Resp: 17728

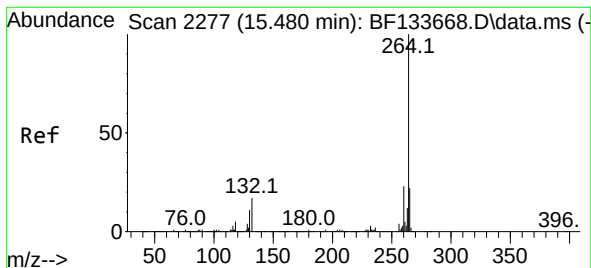
Ion Ratio Lower Upper

149 100

167 41.9 21.8 32.8#

279 11.9 3.3 4.9#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.468 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF133792.D

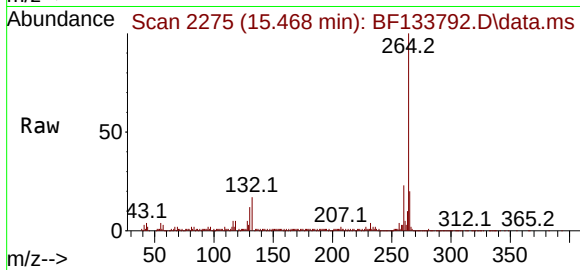
Acq: 16 Jun 2023 00:33

Instrument :

BNA_F

ClientSampleId :

CONC-1



Tgt Ion:264 Resp: 167813

Ion Ratio Lower Upper

264 100

260 22.8 18.2 27.2

265 20.5 17.8 26.6

