

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060823\
 Data File : BF133654.D
 Acq On : 08 Jun 2023 22:56
 Operator : CG\JU
 Sample : 03039-06
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB153207BL

Quant Time: Jun 09 01:50:53 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 08 11:43:32 2023
 Response via : Initial Calibration

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

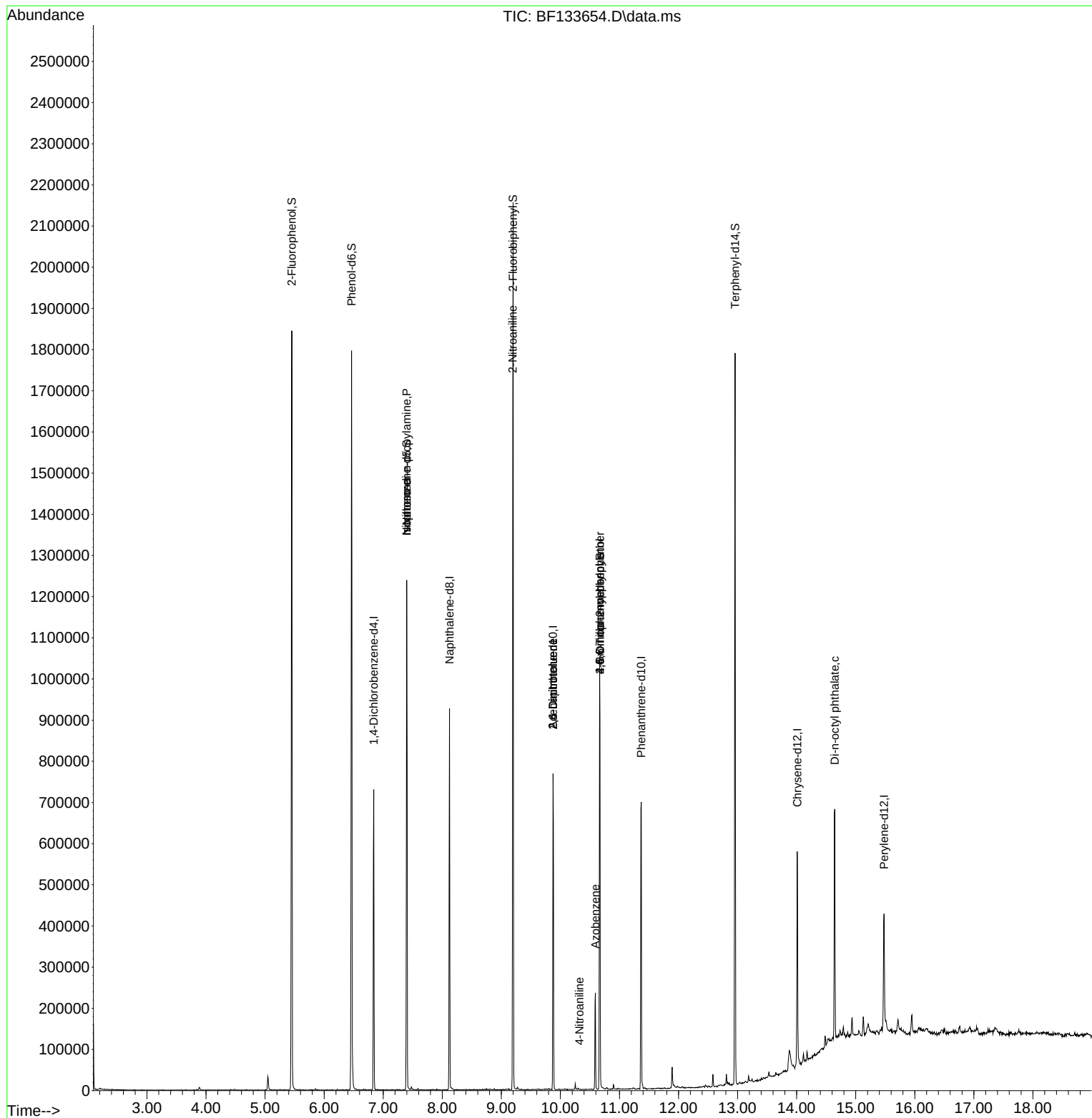
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	100840	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	345351	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	145255	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	264714	20.000	ng	# 0.00
76) Chrysene-d12	14.010	240	164350	20.000	ng	0.00
86) Perylene-d12	15.480	264	137091	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	470915	77.916	ng	0.00
7) Phenol-d6	6.463	99	549787	73.895	ng	0.00
23) Nitrobenzene-d5	7.398	82	334798	64.728	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	124246	85.810	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	607584	64.560	ng	0.00
79) Terphenyl-d14	12.957	244	585748	63.368	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.387	77	71	Below Cal	#	76
19) n-Nitroso-di-n-propyla...	7.398	70	46664	9.694 ng	#	76
25) Isophorone	7.398	82	334848	27.778 ng	#	65
48) 2-Nitroaniline	9.192	65	1111	4.362 ng	#	1
51) 2,6-Dinitrotoluene	9.875	165	18175	12.327 ng	#	17
57) 2,4-Dinitrotoluene	9.875	165	18175	11.544 ng	#	15
62) 4-Nitroaniline	10.322	138	60	3.008 ng	#	19
63) Azobenzene	10.592	77	39807	3.752 ng	#	1
65) 4,6-Dinitro-2-methylph...	10.669	198	214	8.873 ng	#	1
67) 4-Bromophenyl-phenylether	10.669	248	7455	2.652 ng	#	1
85) Di-n-octyl phthalate	14.645	149	55206	4.791 ng	#	48

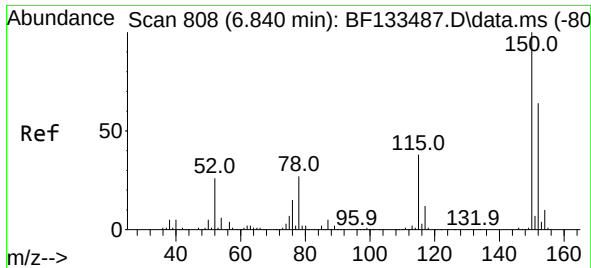
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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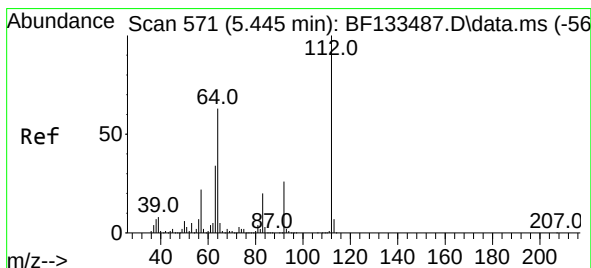
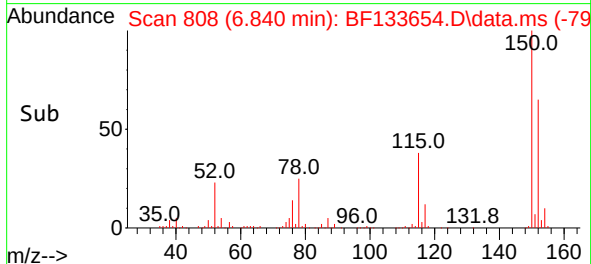
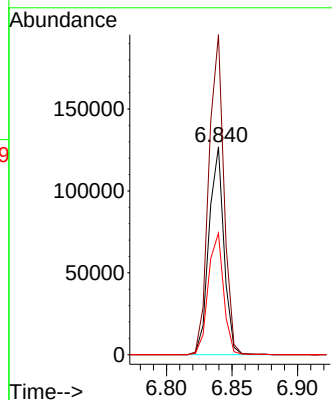
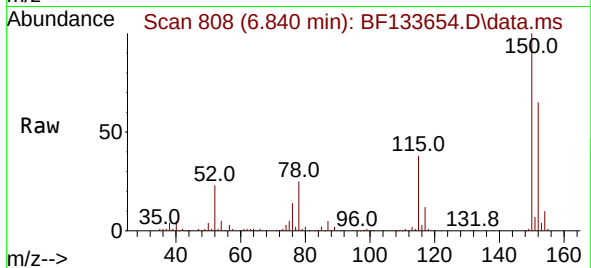




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.840 min Scan# 808
 Delta R.T. 0.001 min
 Lab File: BF133654.D
 Acq: 08 Jun 2023 22:56

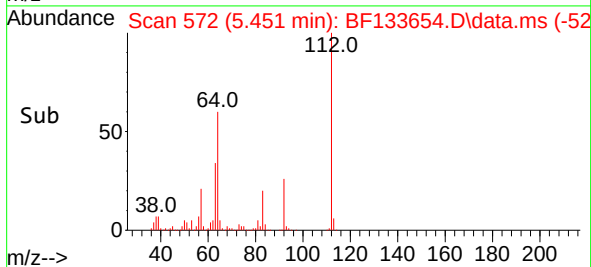
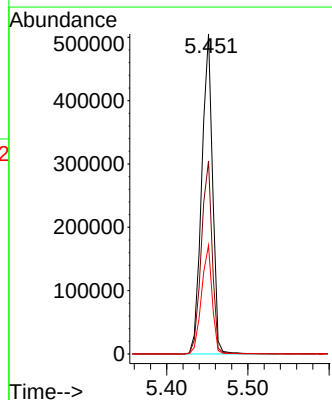
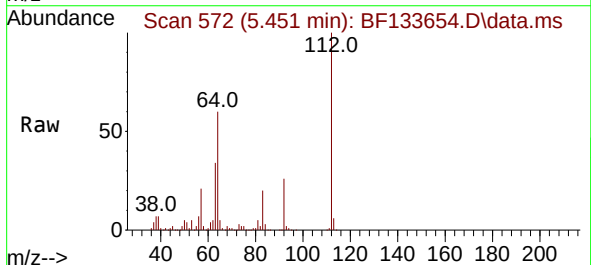
Instrument :
 BNA_F
 ClientSampleId :
 PB153207BL

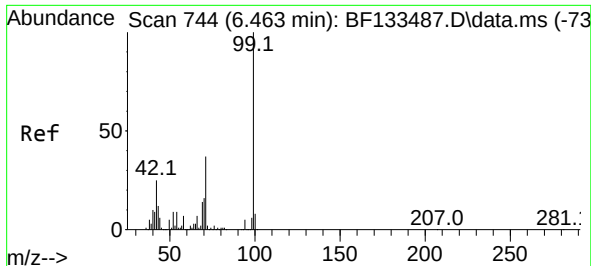
Tgt Ion:152 Resp: 100840
 Ion Ratio Lower Upper
 152 100
 150 154.0 124.9 187.3
 115 58.4 48.1 72.1



#5
 2-Fluorophenol
 Concen: 77.916 ng
 RT: 5.451 min Scan# 572
 Delta R.T. 0.006 min
 Lab File: BF133654.D
 Acq: 08 Jun 2023 22:56

Tgt Ion:112 Resp: 470915
 Ion Ratio Lower Upper
 112 100
 64 60.3 50.1 75.1
 63 34.0 27.5 41.3

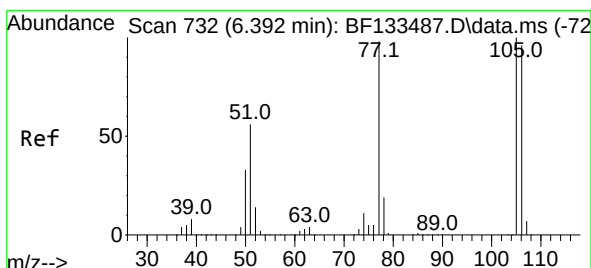
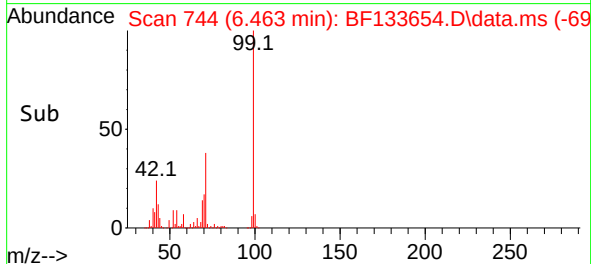
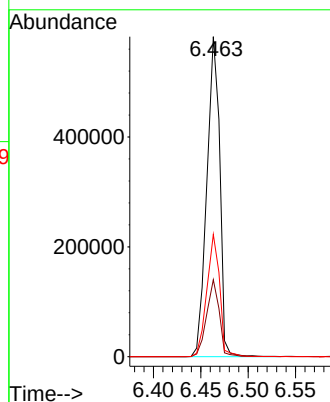
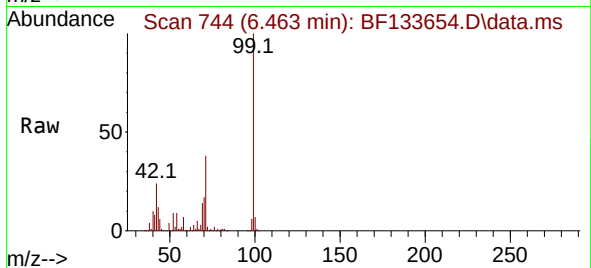




#7
Phenol-d6
Concen: 73.895 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF133654.D
Acq: 08 Jun 2023 22:56

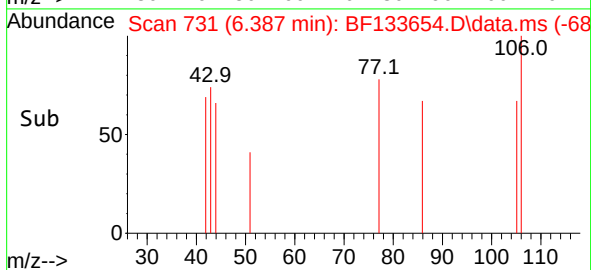
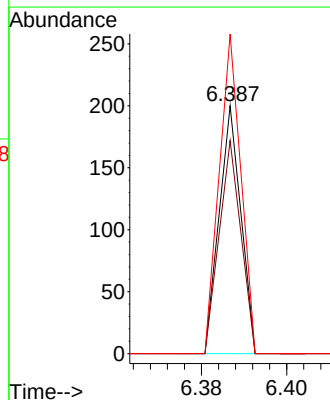
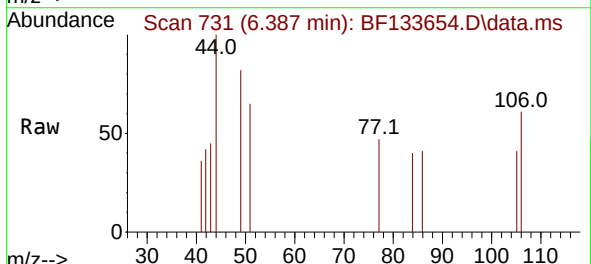
Instrument :
BNA_F
ClientSampleId :
PB153207BL

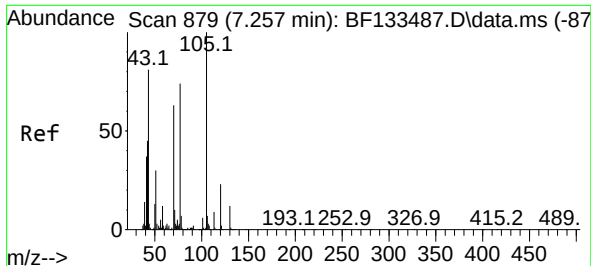
Tgt Ion: 99 Resp: 549787
Ion Ratio Lower Upper
99 100
42 24.1 19.7 29.5
71 38.2 29.8 44.8



#9
Benzaldehyde
Concen: Below Cal
RT: 6.387 min Scan# 731
Delta R.T. 0.000 min
Lab File: BF133654.D
Acq: 08 Jun 2023 22:56

Tgt Ion: 77 Resp: 71
Ion Ratio Lower Upper
77 100
105 86.0 81.9 121.9
106 129.0 77.8 117.8#

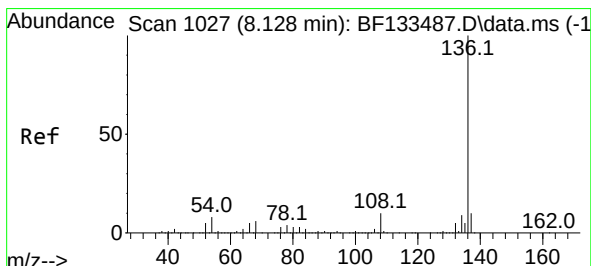
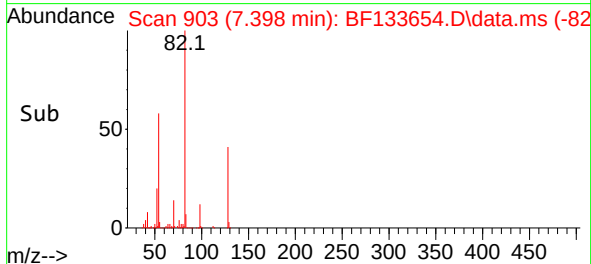
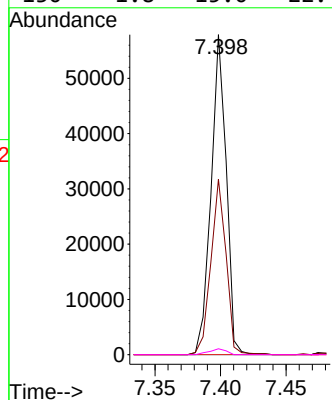
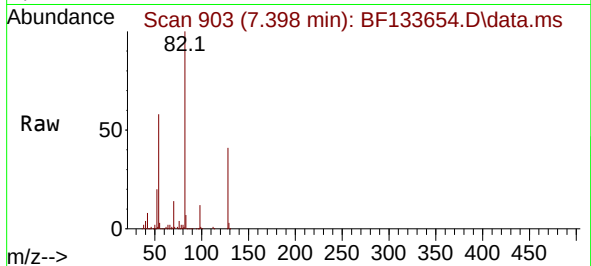




#19
n-Nitroso-di-n-propylamine
Concen: 9.694 ng
RT: 7.398 min Scan# 90
Delta R.T. 0.141 min
Lab File: BF133654.D
Acq: 08 Jun 2023 22:56

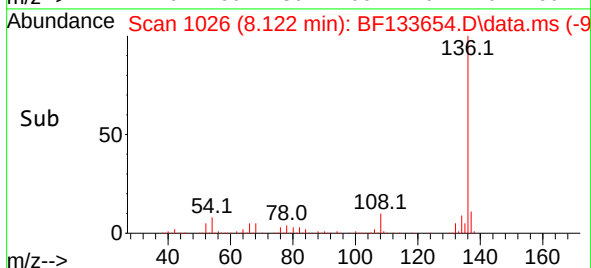
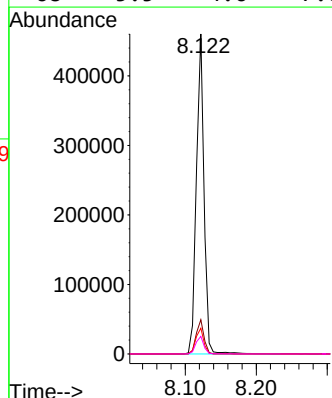
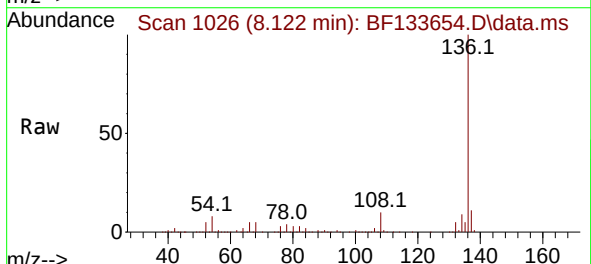
Instrument :
BNA_F
ClientSampleId :
PB153207BL

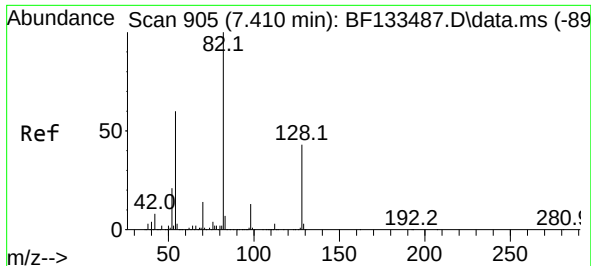
Tgt Ion:	70	Resp:	46664
Ion	Ratio	Lower	Upper
70	100		
42	54.8	57.2	85.8#
101	0.0	7.3	10.9#
130	1.8	15.0	22.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BF133654.D
Acq: 08 Jun 2023 22:56

Tgt Ion:	136	Resp:	345351
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.2	12.4
54	8.1	6.6	10.0
68	5.5	4.6	7.0

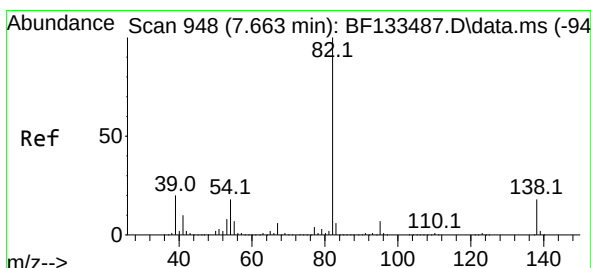
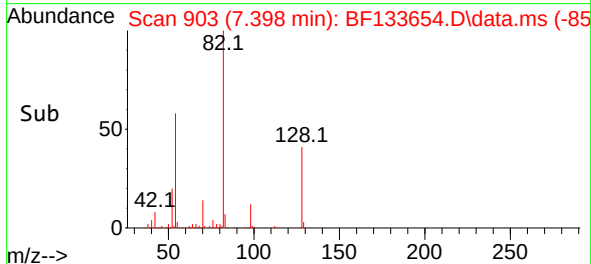
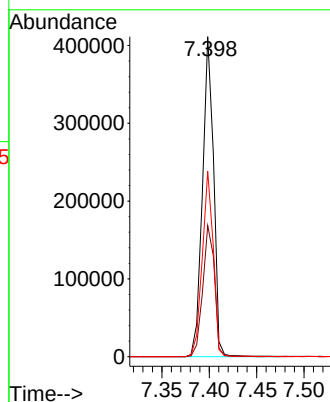
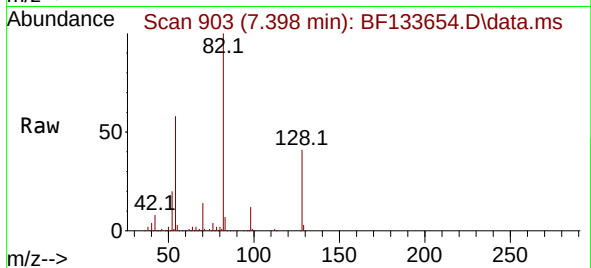




#23
Nitrobenzene-d5
Concen: 64.728 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF133654.D
Acq: 08 Jun 2023 22:56

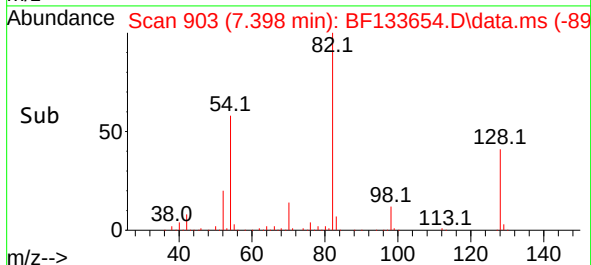
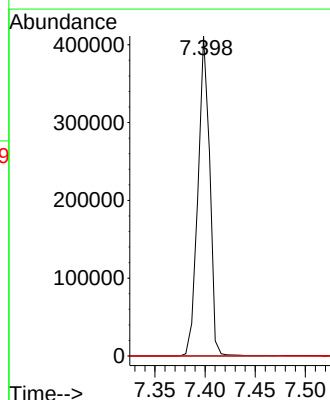
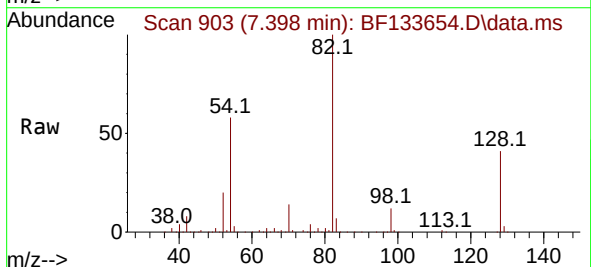
Instrument :
BNA_F
ClientSampleId :
PB153207BL

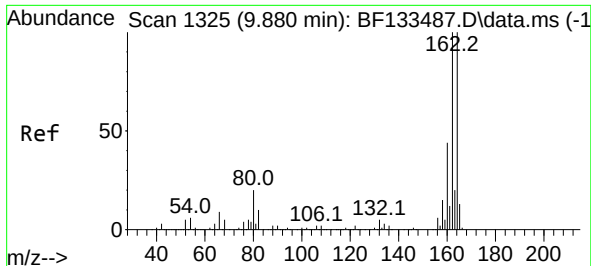
Tgt Ion: 82 Resp: 334798
Ion Ratio Lower Upper
82 100
128 41.0 34.2 51.4
54 57.9 48.2 72.4



#25
Isophorone
Concen: 27.778 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.265 min
Lab File: BF133654.D
Acq: 08 Jun 2023 22:56

Tgt Ion: 82 Resp: 334848
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.4#

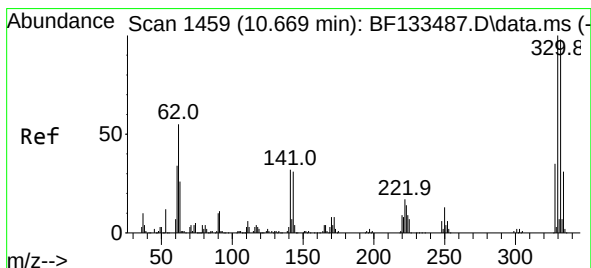
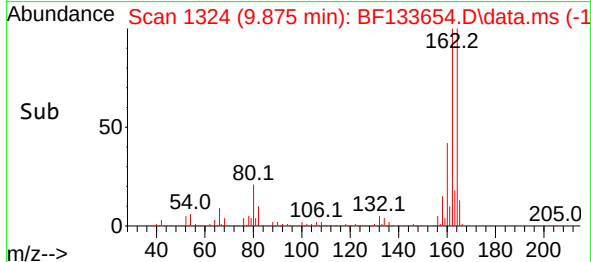
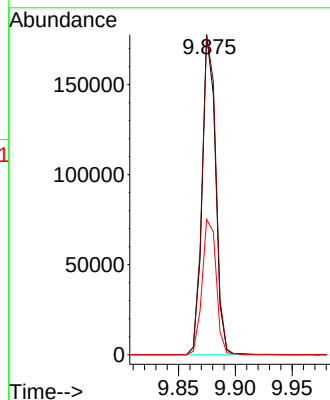
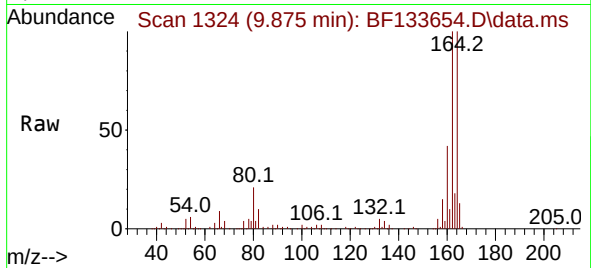




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133654.D
Acq: 08 Jun 2023 22:56

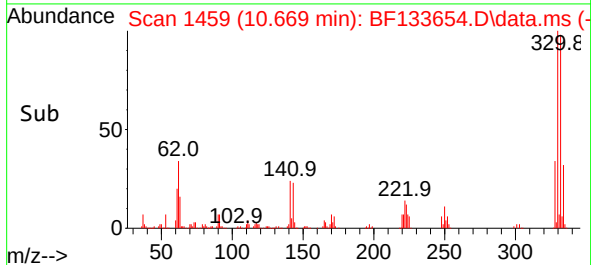
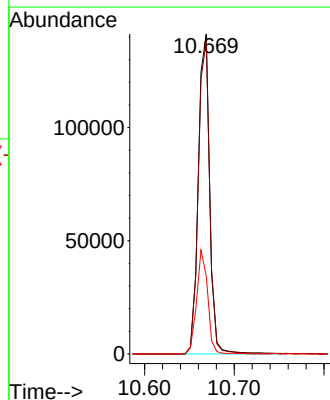
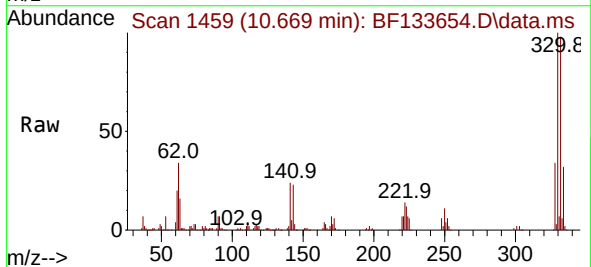
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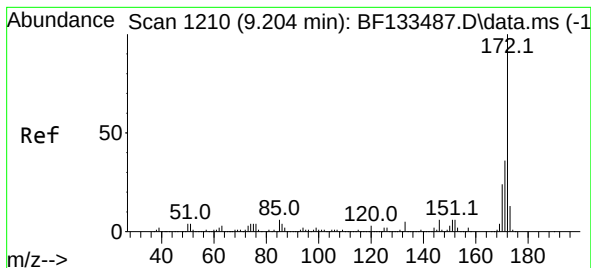
Tgt Ion:164 Resp: 145255
Ion Ratio Lower Upper
164 100
162 99.9 79.7 119.5
160 42.3 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 85.810 ng
RT: 10.669 min Scan# 1459
Delta R.T. 0.000 min
Lab File: BF133654.D
Acq: 08 Jun 2023 22:56

Tgt Ion:330 Resp: 124246
Ion Ratio Lower Upper
330 100
332 98.5 77.8 116.6
141 31.5 26.6 40.0





#45

2-Fluorobiphenyl

Concen: 64.560 ng

RT: 9.198 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF133654.D

Acq: 08 Jun 2023 22:56

Instrument :

BNA_F

ClientSampleId :

PB153207BL

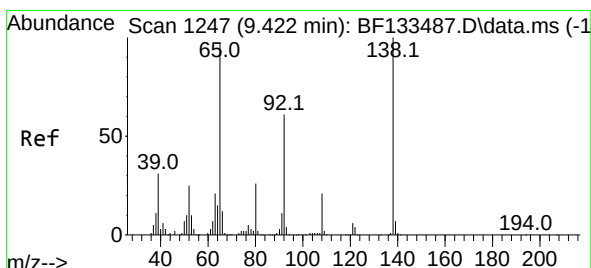
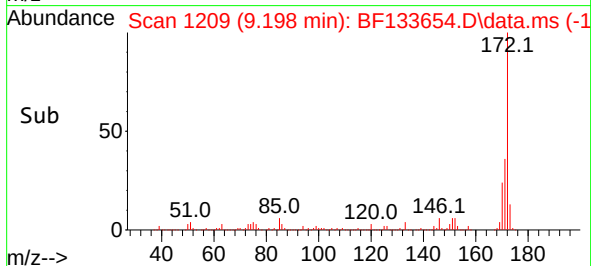
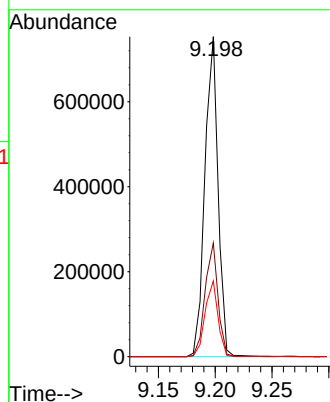
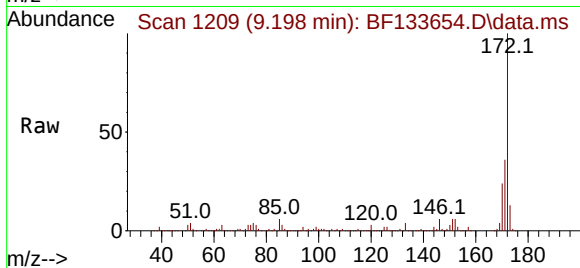
Tgt Ion:172 Resp: 607584

Ion Ratio Lower Upper

172 100

171 35.6 28.4 42.6

170 23.7 19.3 28.9



#48

2-Nitroaniline

Concen: 4.362 ng

RT: 9.192 min Scan# 1208

Delta R.T. -0.229 min

Lab File: BF133654.D

Acq: 08 Jun 2023 22:56

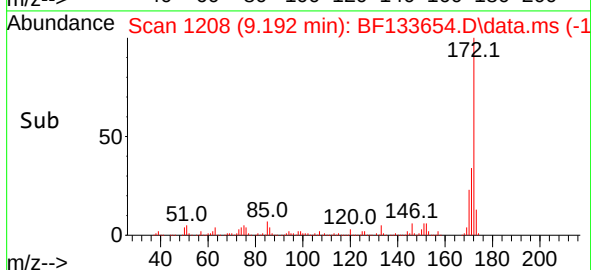
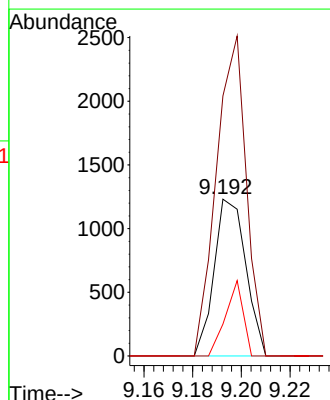
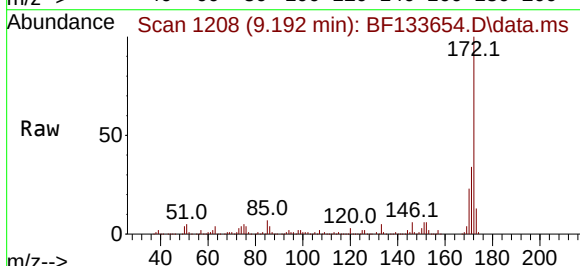
Tgt Ion: 65 Resp: 1111

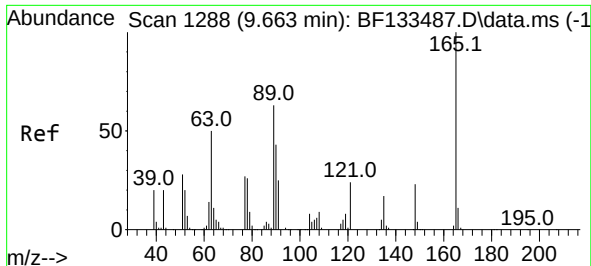
Ion Ratio Lower Upper

65 100

92 165.7 50.8 76.2#

138 20.3 82.6 124.0#

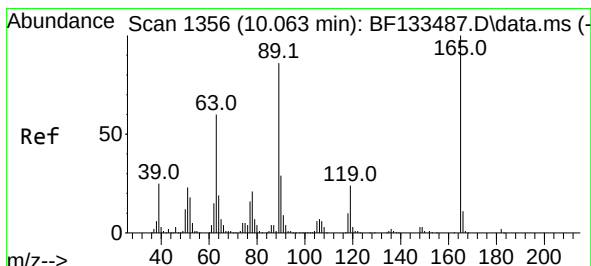
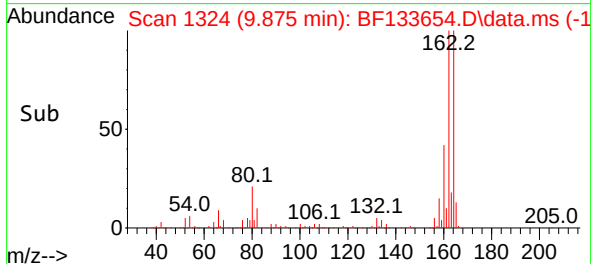
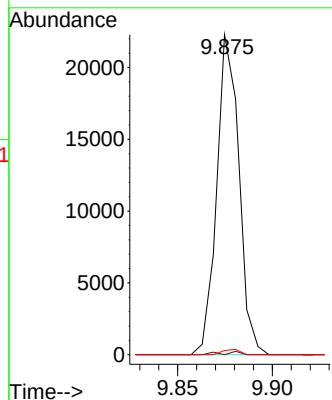
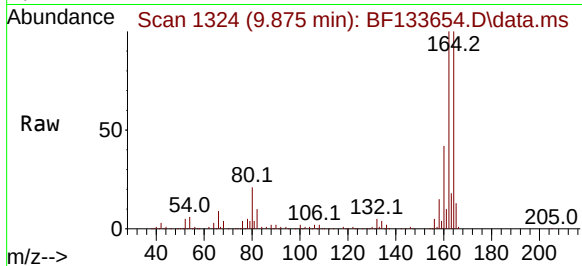




#51
2,6-Dinitrotoluene
Concen: 12.327 ng
RT: 9.875 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF133654.D
Acq: 08 Jun 2023 22:56

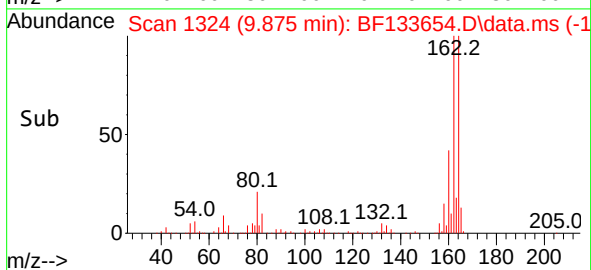
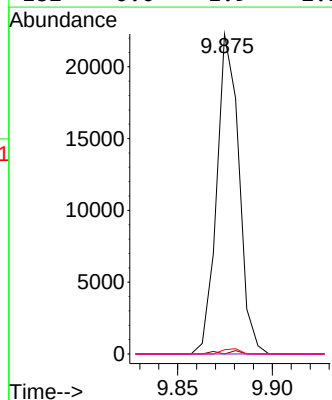
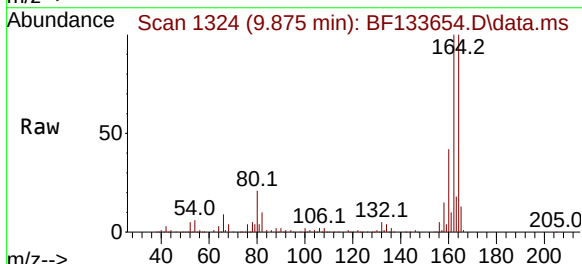
Instrument :
BNA_F
ClientSampleId :
PB153207BL

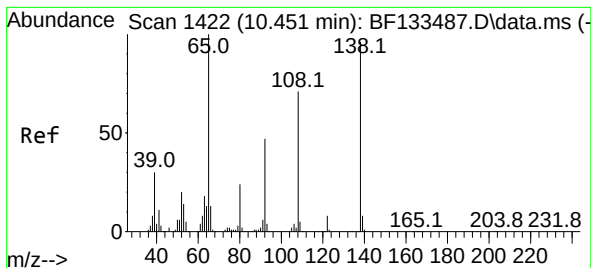
Tgt Ion:165 Resp: 18175
Ion Ratio Lower Upper
165 100
63 0.0 57.0 85.4#
89 1.3 50.8 76.2#



#57
2,4-Dinitrotoluene
Concen: 11.544 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.194 min
Lab File: BF133654.D
Acq: 08 Jun 2023 22:56

Tgt Ion:165 Resp: 18175
Ion Ratio Lower Upper
165 100
63 0.0 48.1 72.1#
89 1.3 68.4 102.6#
182 0.0 1.9 2.9#

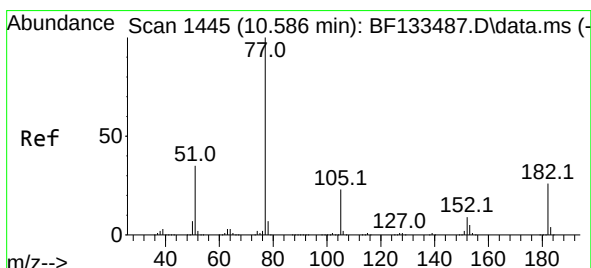
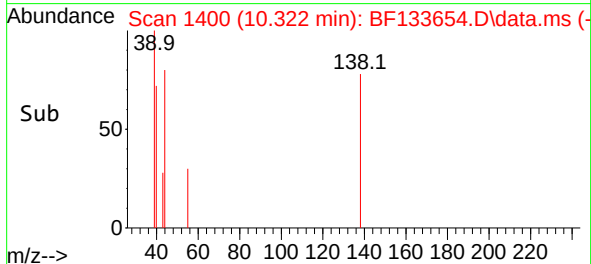
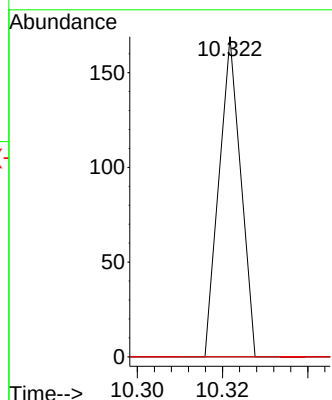
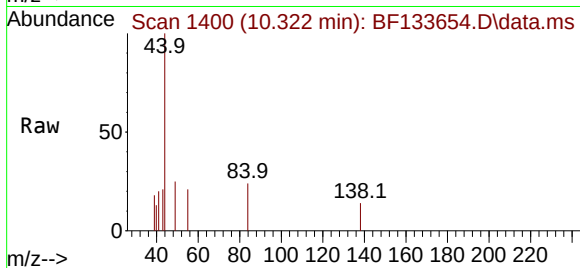




#62
4-Nitroaniline
Concen: 3.008 ng
RT: 10.322 min Scan# 1422
Delta R.T. -0.129 min
Lab File: BF133654.D
Acq: 08 Jun 2023 22:56

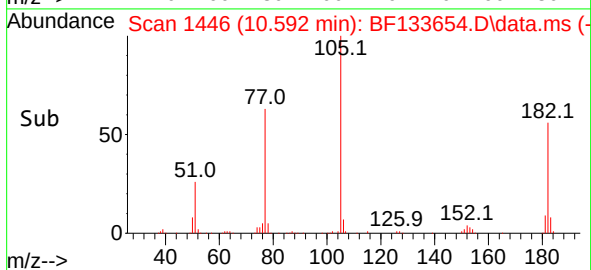
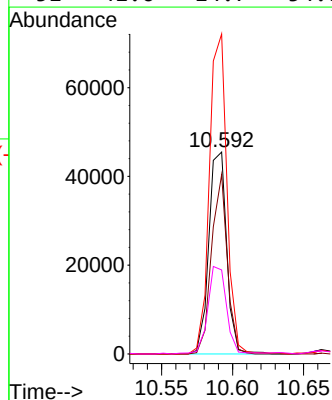
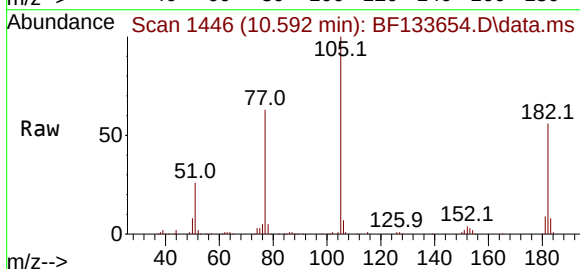
Instrument :
BNA_F
ClientSampleId :
PB153207BL

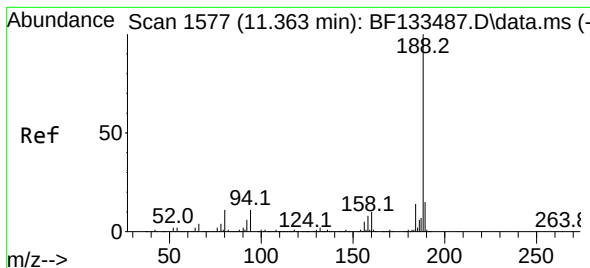
Tgt Ion:138 Resp: 60
Ion Ratio Lower Upper
138 100
92 0.0 28.4 68.4#
108 0.0 54.2 94.2#



#63
Azobenzene
Concen: 3.752 ng
RT: 10.592 min Scan# 1446
Delta R.T. 0.012 min
Lab File: BF133654.D
Acq: 08 Jun 2023 22:56

Tgt Ion: 77 Resp: 39807
Ion Ratio Lower Upper
77 100
182 88.8 5.6 45.6#
105 158.4 2.6 42.6#
51 41.6 14.7 54.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.369 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF133654.D

Acq: 08 Jun 2023 22:56

Instrument :

BNA_F

ClientSampleId :

PB153207BL

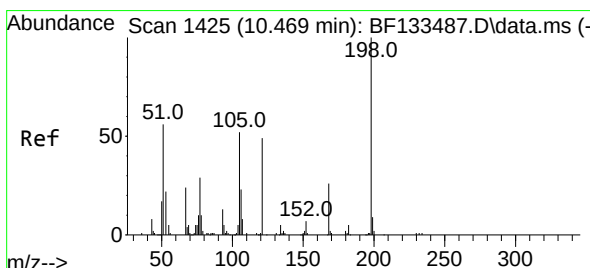
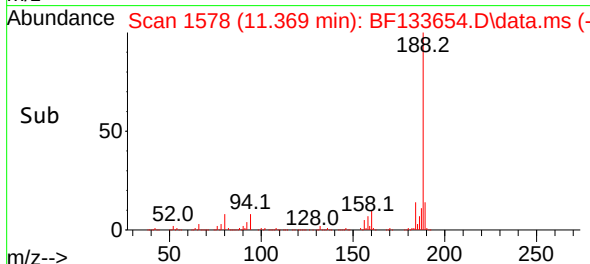
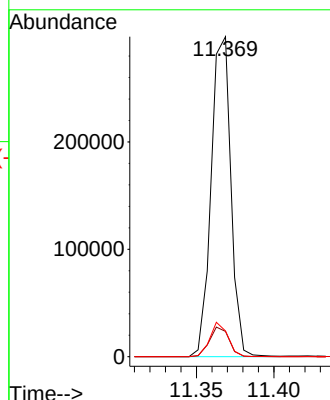
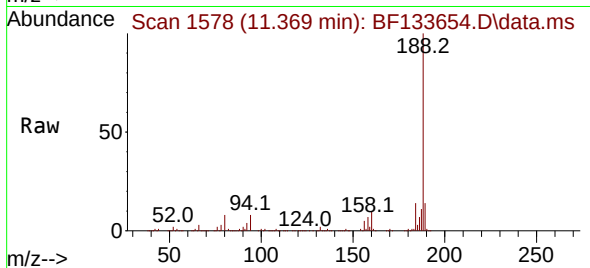
Tgt Ion:188 Resp: 264714

Ion Ratio Lower Upper

188 100

94 7.9 8.6 12.8#

80 8.1 9.2 13.8#



#65

4,6-Dinitro-2-methylphenol

Concen: 8.873 ng

RT: 10.669 min Scan# 1459

Delta R.T. 0.188 min

Lab File: BF133654.D

Acq: 08 Jun 2023 22:56

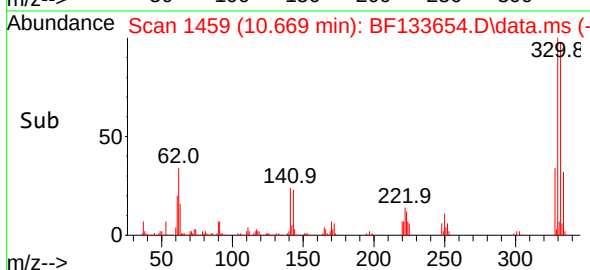
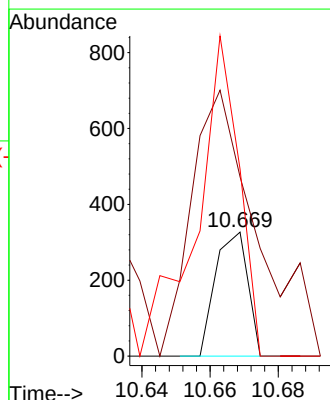
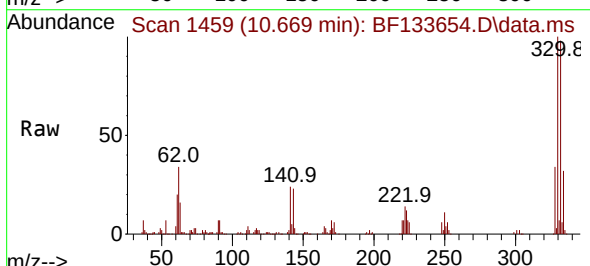
Tgt Ion:198 Resp: 214

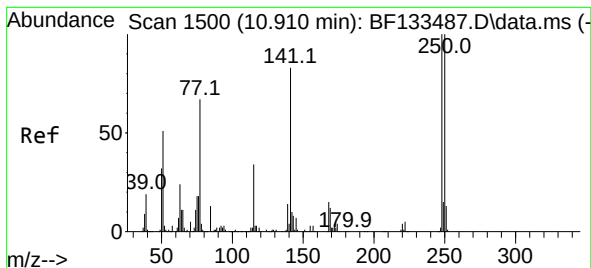
Ion Ratio Lower Upper

198 100

51 144.6 53.6 93.6#

105 150.8 35.9 75.9#

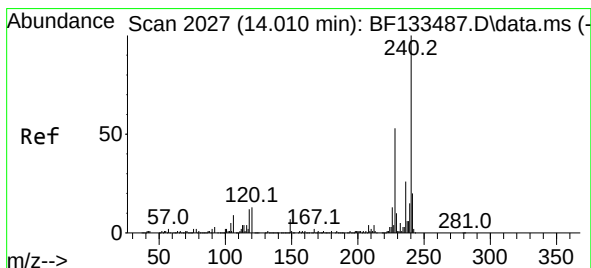
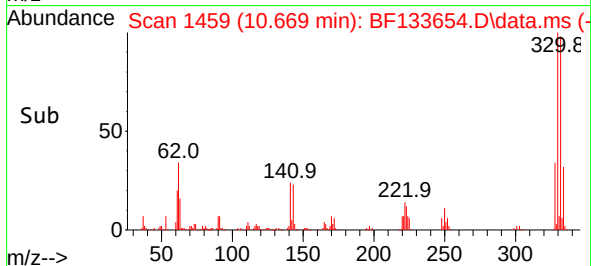
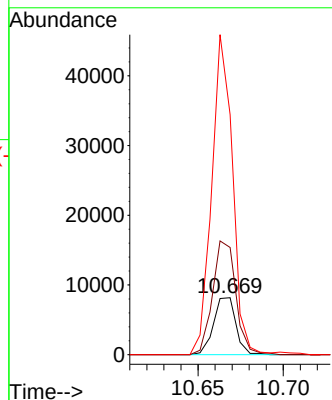
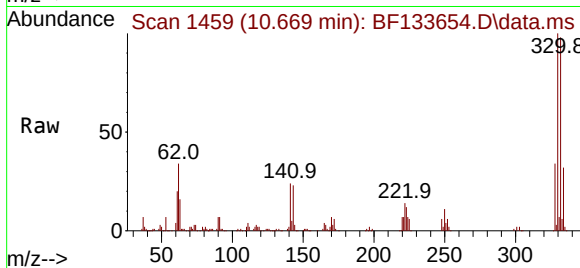




#67
4-Bromophenyl-phenylether
Concen: 2.652 ng
RT: 10.669 min Scan# 14
Delta R.T. -0.241 min
Lab File: BF133654.D
Acq: 08 Jun 2023 22:56

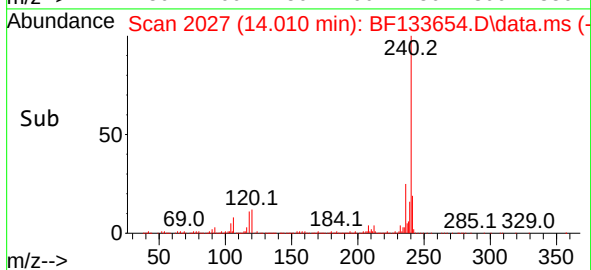
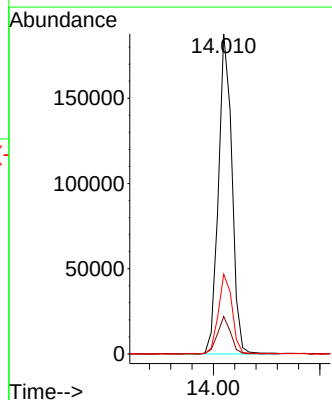
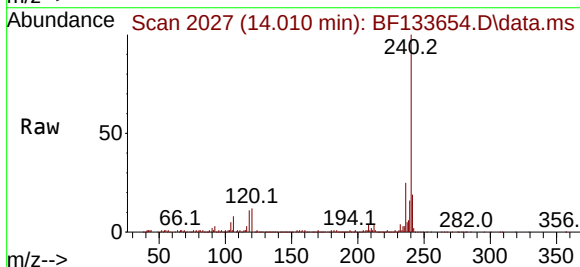
Instrument :
BNA_F
ClientSampleId :
PB153207BL

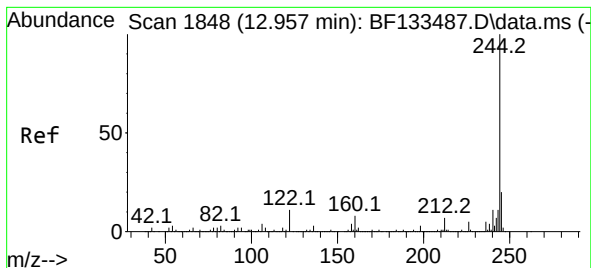
Tgt Ion:248 Resp: 7455
Ion Ratio Lower Upper
248 100
250 188.4 79.7 119.5#
141 422.0 66.6 100.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF133654.D
Acq: 08 Jun 2023 22:56

Tgt Ion:240 Resp: 164350
Ion Ratio Lower Upper
240 100
120 11.7 10.3 15.5
236 24.9 20.5 30.7





#79

Terphenyl-d14

Concen: 63.368 ng

RT: 12.957 min Scan# 1848

Delta R.T. 0.000 min

Lab File: BF133654.D

Acq: 08 Jun 2023 22:56

Instrument :

BNA_F

ClientSampleId :

PB153207BL

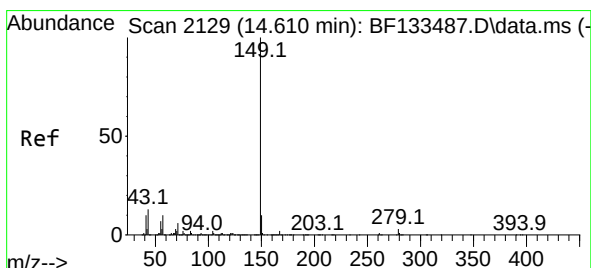
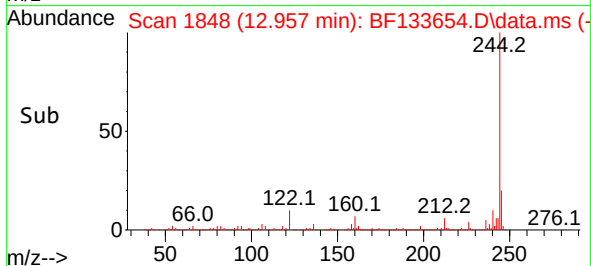
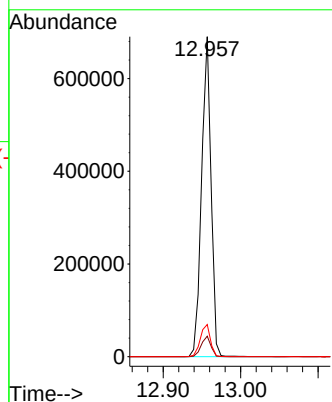
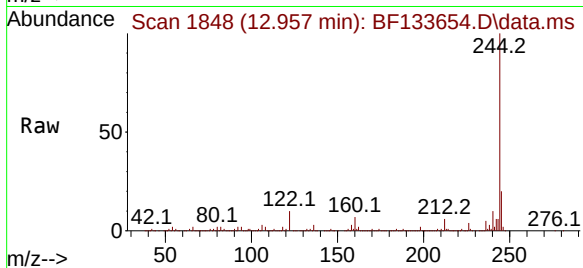
Tgt Ion:244 Resp: 585748

Ion Ratio Lower Upper

244 100

212 6.4 5.8 8.6

122 10.1 8.5 12.7



#85

Di-n-octyl phthalate

Concen: 4.791 ng

RT: 14.645 min Scan# 2135

Delta R.T. 0.035 min

Lab File: BF133654.D

Acq: 08 Jun 2023 22:56

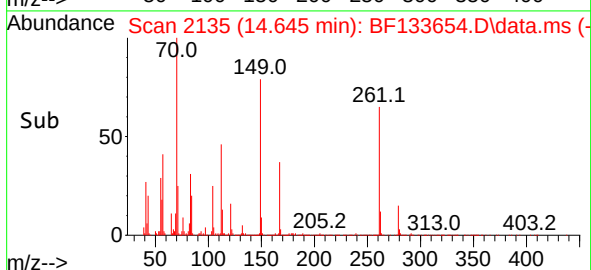
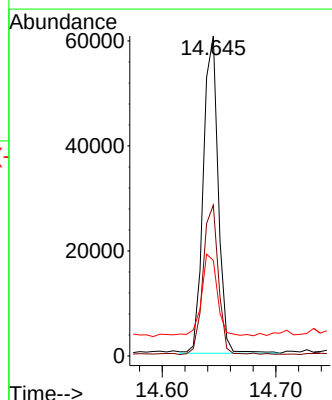
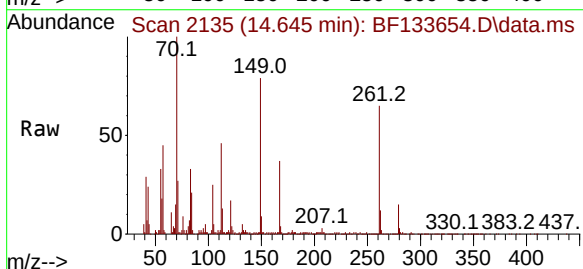
Tgt Ion:149 Resp: 55206

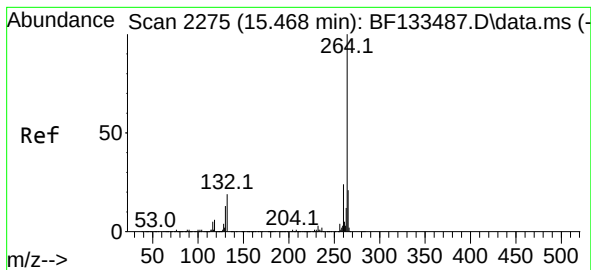
Ion Ratio Lower Upper

149 100

167 48.2 1.3 1.9#

43 29.1 10.0 15.0#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.480 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF133654.D
Acq: 08 Jun 2023 22:56

Instrument :
BNA_F
ClientSampleId :
PB153207BL

Tgt Ion:264 Resp: 137091

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.0	28.4
265	21.0	16.8	25.2

