

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060623\
 Data File : BF133595.D
 Acq On : 06 Jun 2023 17:05
 Operator : CG\JU
 Sample : 02983-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC24

Quant Time: Jun 06 17:27:13 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 06 14:05:12 2023
 Response via : Initial Calibration

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

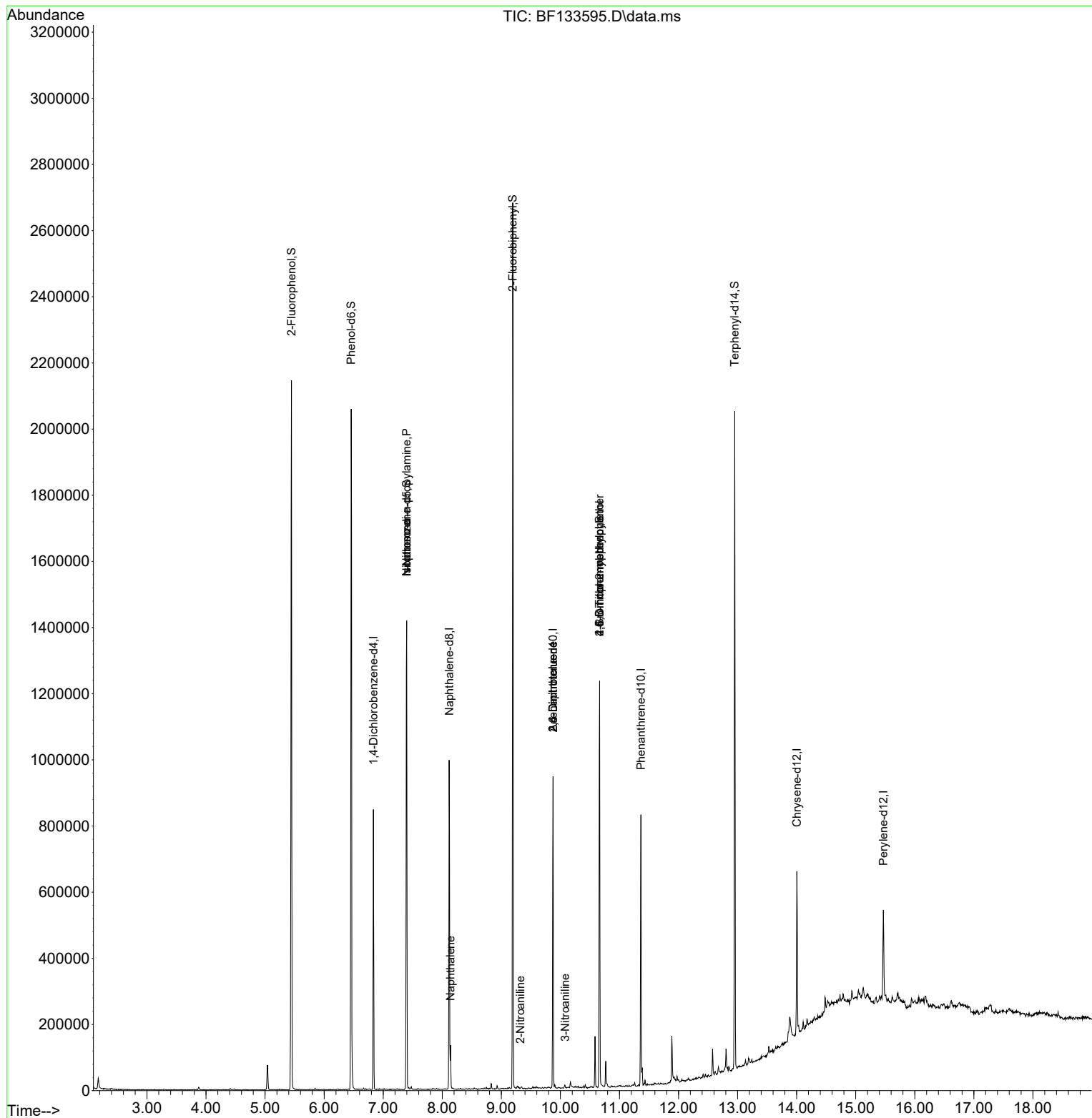
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	107828	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	396307	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	171823	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	274343	20.000	ng	0.00
76) Chrysene-d12	14.004	240	157401	20.000	ng	0.00
86) Perylene-d12	15.468	264	118757	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	561178	86.833	ng	0.00
7) Phenol-d6	6.457	99	662076	83.221	ng	0.00
23) Nitrobenzene-d5	7.398	82	415182	69.949	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	139803	81.624	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	759993	68.268	ng	0.00
79) Terphenyl-d14	12.951	244	625668	70.675	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.387	77	187	Below Cal	#	18
19) n-Nitroso-di-n-propyla...	7.398	70	55878	10.856	ng	# 76
25) Isophorone	7.398	82	415175	30.013	ng	# 65
31) Naphthalene	8.140	128	46740	2.433	ng	# 99
48) 2-Nitroaniline	9.322	65	53	4.006	ng	# 6
51) 2,6-Dinitrotoluene	9.875	165	22246	12.628	ng	# 18
53) 3-Nitroaniline	10.081	138	57	3.198	ng	# 1
57) 2,4-Dinitrotoluene	9.875	165	22246	11.780	ng	# 15
65) 4,6-Dinitro-2-methylph...	10.663	198	203	8.860	ng	# 1
67) 4-Bromophenyl-phenylether	10.663	248	8830	3.031	ng	# 1

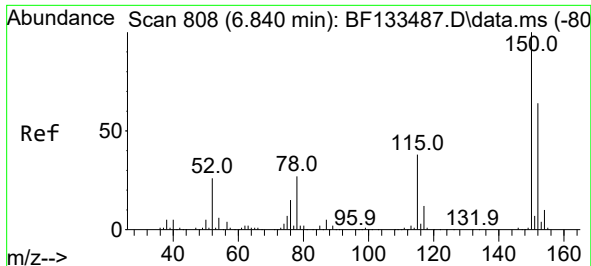
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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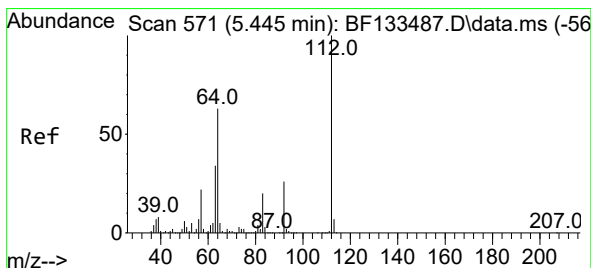
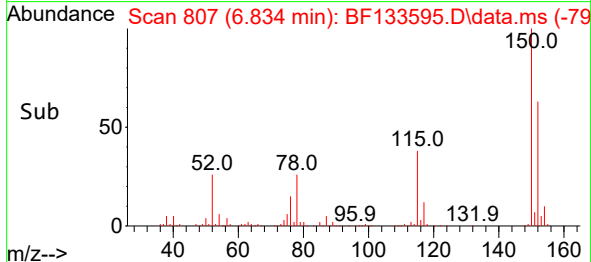
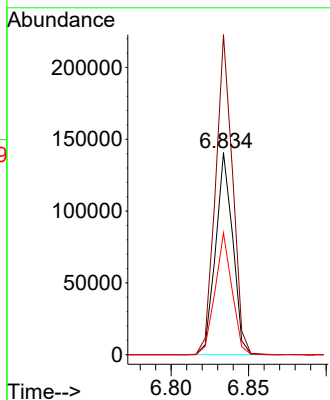
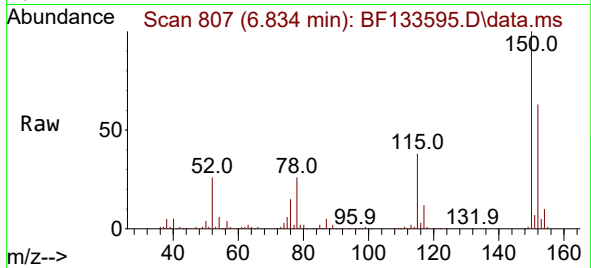




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 808
Delta R.T. -0.000 min
Lab File: BF133595.D
Acq: 06 Jun 2023 17:05

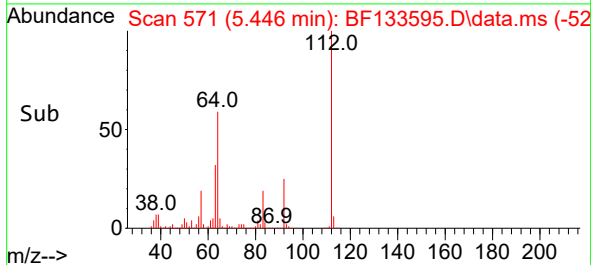
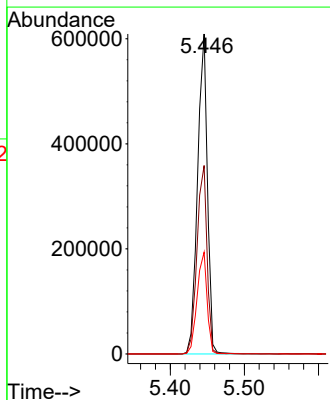
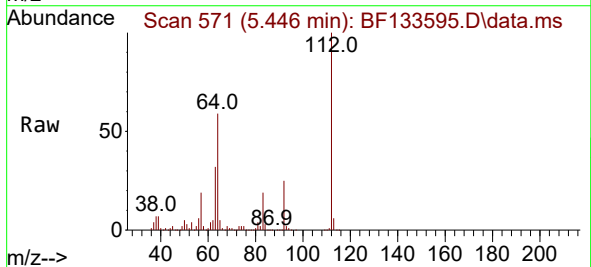
Instrument :
BNA_F
ClientSampleId :
WC24

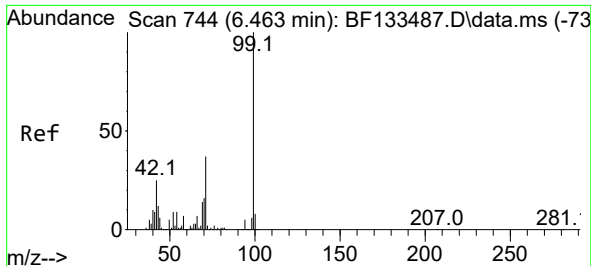
Tgt Ion:152 Resp: 107828
Ion Ratio Lower Upper
152 100
150 158.3 124.9 187.3
115 60.3 48.1 72.1



#5
2-Fluorophenol
Concen: 86.833 ng
RT: 5.446 min Scan# 571
Delta R.T. 0.000 min
Lab File: BF133595.D
Acq: 06 Jun 2023 17:05

Tgt Ion:112 Resp: 561178
Ion Ratio Lower Upper
112 100
64 58.9 50.1 75.1
63 31.8 27.5 41.3





#7

Phenol-d6

Concen: 83.221 ng

RT: 6.457 min Scan# 744

Delta R.T. -0.006 min

Lab File: BF133595.D

Acq: 06 Jun 2023 17:05

Instrument :

BNA_F

ClientSampleId :

WC24

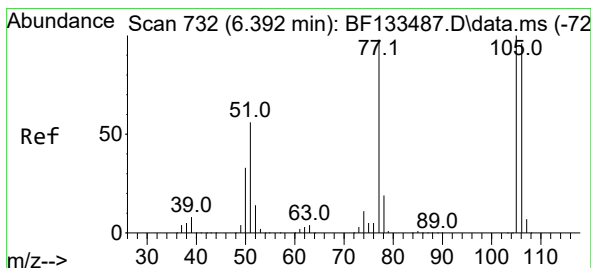
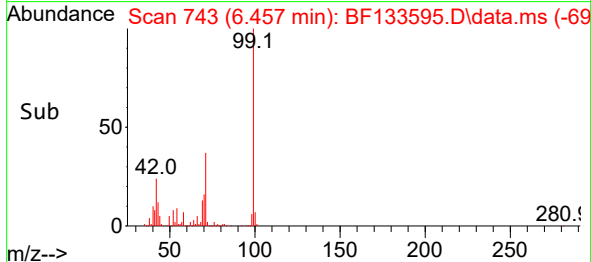
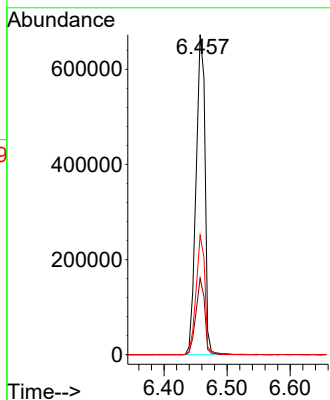
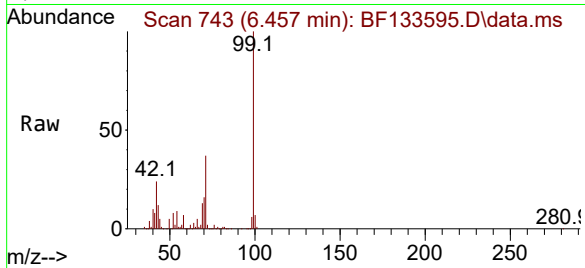
Tgt Ion: 99 Resp: 662076

Ion Ratio Lower Upper

99 100

42 23.9 19.7 29.5

71 37.3 29.8 44.8



#9

Benzaldehyde

Concen: Below Cal

RT: 6.387 min Scan# 731

Delta R.T. 0.000 min

Lab File: BF133595.D

Acq: 06 Jun 2023 17:05

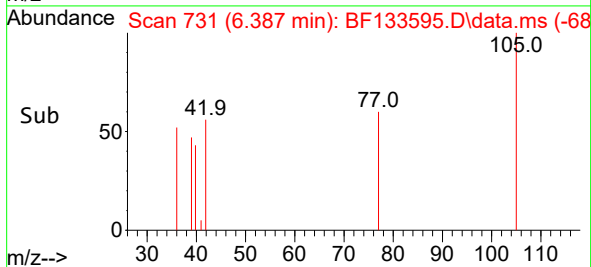
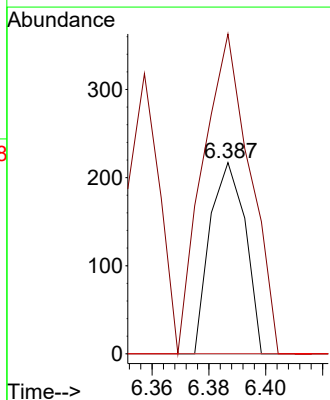
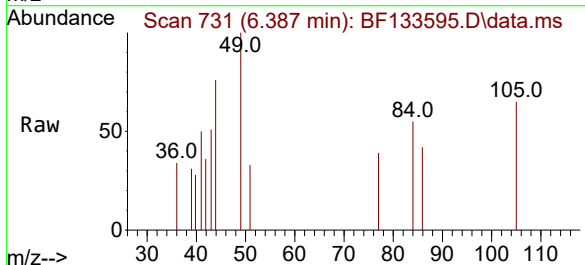
Tgt Ion: 77 Resp: 187

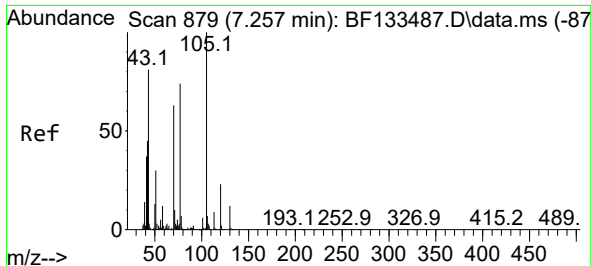
Ion Ratio Lower Upper

77 100

105 167.3 81.9 121.9#

106 0.0 77.8 117.8#

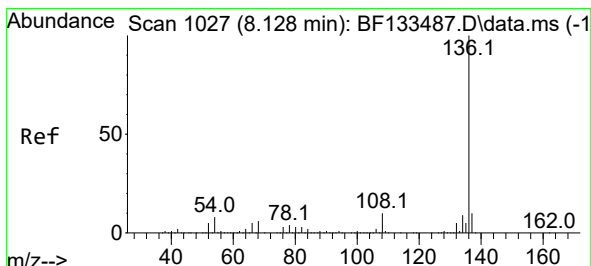
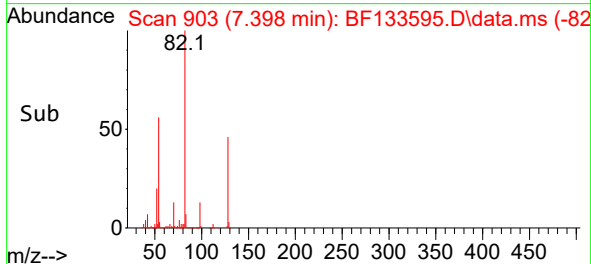
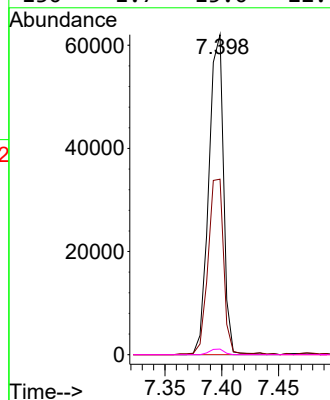
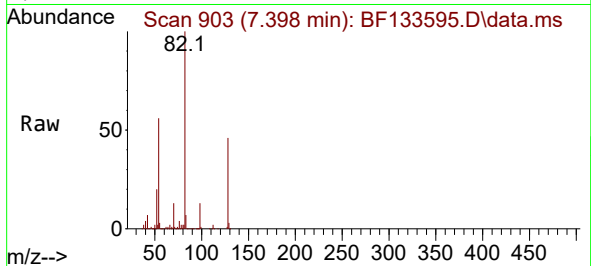




#19
n-Nitroso-di-n-propylamine
Concen: 10.856 ng
RT: 7.398 min Scan# 90
Delta R.T. 0.147 min
Lab File: BF133595.D
Acq: 06 Jun 2023 17:05

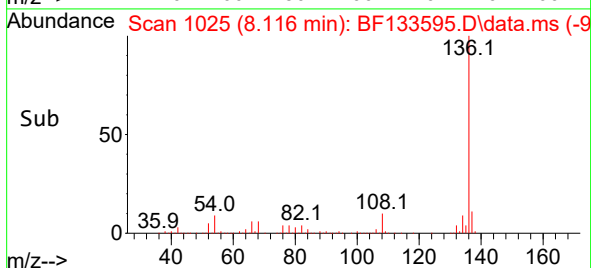
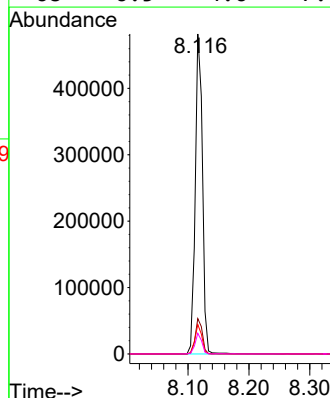
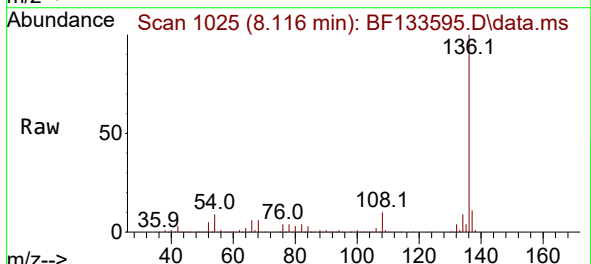
Instrument :
BNA_F
ClientSampleId :
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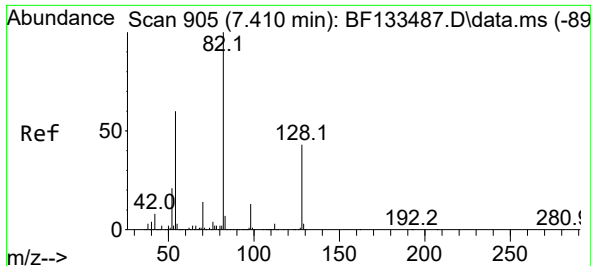
Tgt Ion: 70 Resp: 55878
Ion Ratio Lower Upper
70 100
42 54.9 57.2 85.8#
101 0.0 7.3 10.9#
130 1.7 15.0 22.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF133595.D
Acq: 06 Jun 2023 17:05

Tgt Ion: 136 Resp: 396307
Ion Ratio Lower Upper
136 100
137 11.0 8.2 12.4
54 9.2 6.6 10.0
68 6.5 4.6 7.0

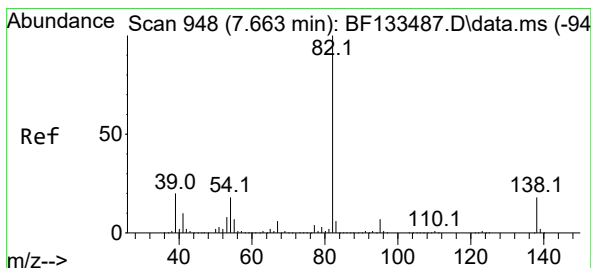
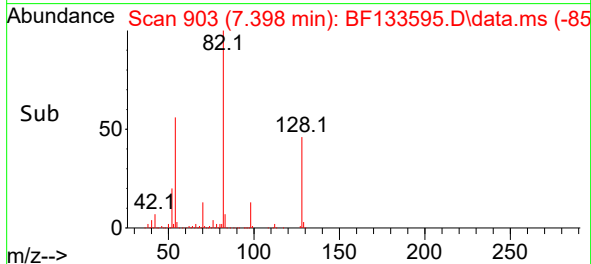
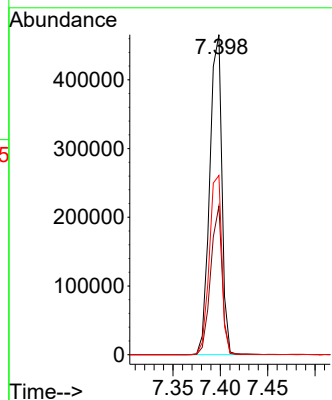
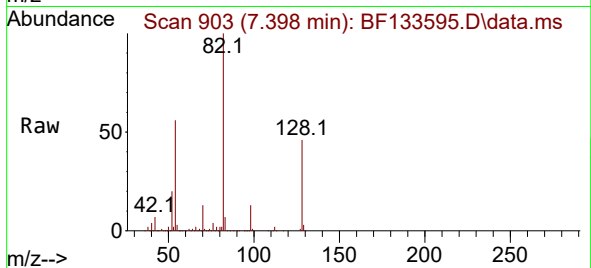




#23
Nitrobenzene-d5
Concen: 69.949 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF133595.D
Acq: 06 Jun 2023 17:05

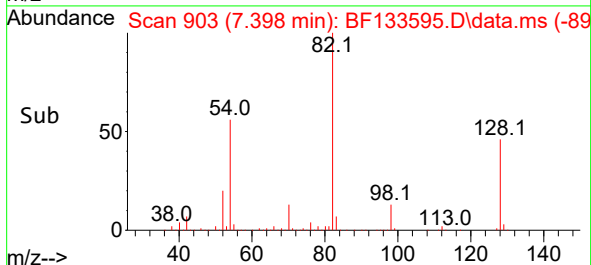
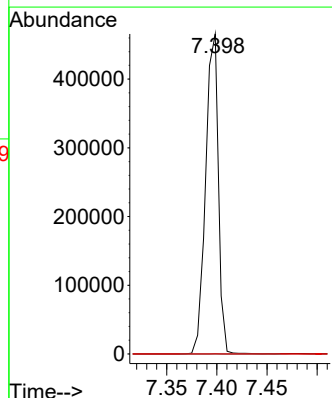
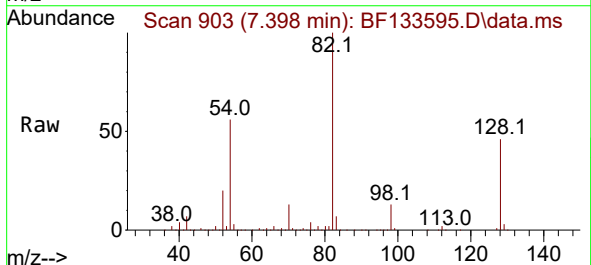
Instrument :
BNA_F
ClientSampleId :
WC24

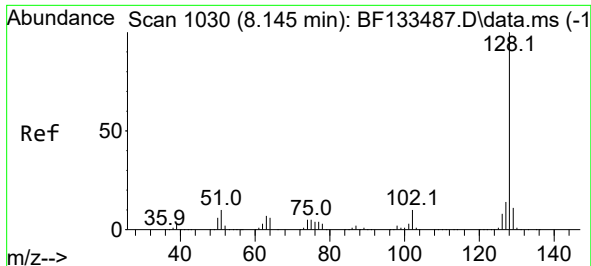
Tgt Ion: 82 Resp: 415182
Ion Ratio Lower Upper
82 100
128 46.5 34.2 51.4
54 56.0 48.2 72.4



#25
Isophorone
Concen: 30.013 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.259 min
Lab File: BF133595.D
Acq: 06 Jun 2023 17:05

Tgt Ion: 82 Resp: 415175
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.4#

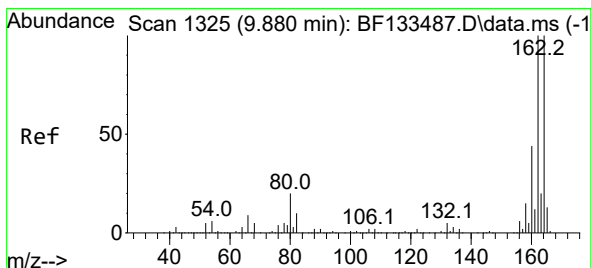
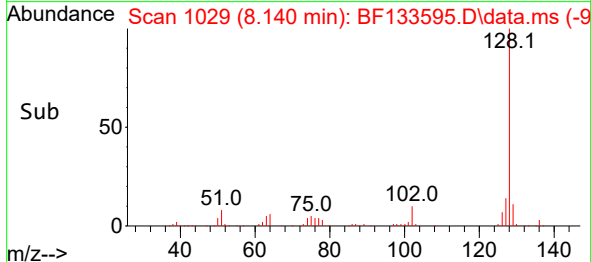
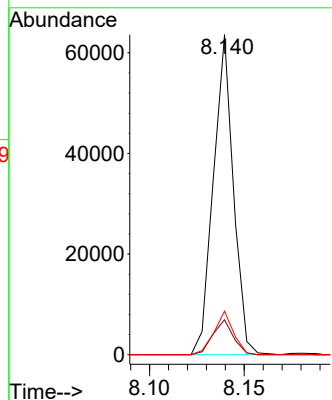
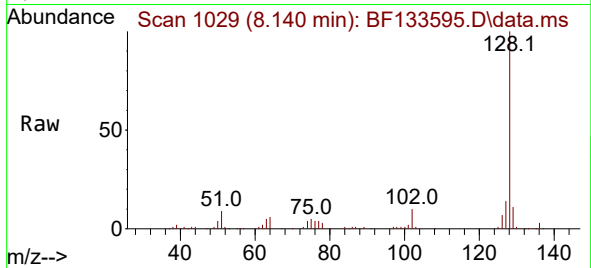




#31
Naphthalene
Concen: 2.433 ng
RT: 8.140 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF133595.D
Acq: 06 Jun 2023 17:05

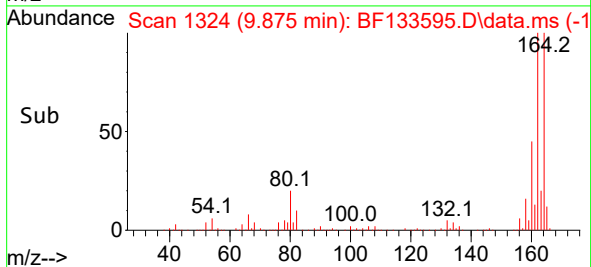
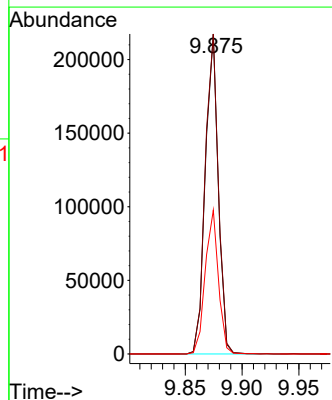
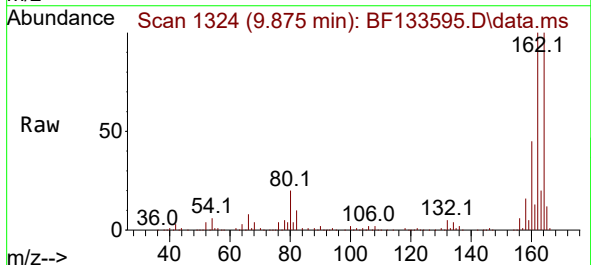
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ClientSampleId :
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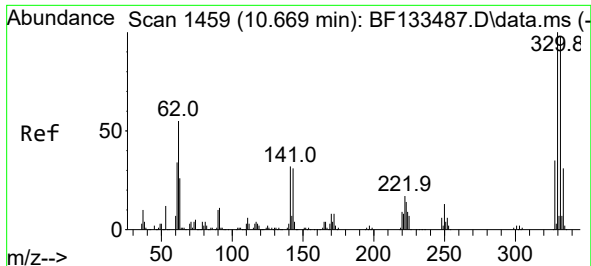
Tgt Ion:128 Resp: 46740
Ion Ratio Lower Upper
128 100
129 10.9 9.2 13.8
127 13.6 10.9 16.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BF133595.D
Acq: 06 Jun 2023 17:05

Tgt Ion:164 Resp: 171823
Ion Ratio Lower Upper
164 100
162 100.0 79.7 119.5
160 45.0 35.4 53.0

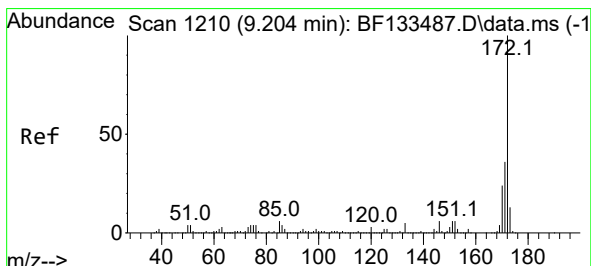
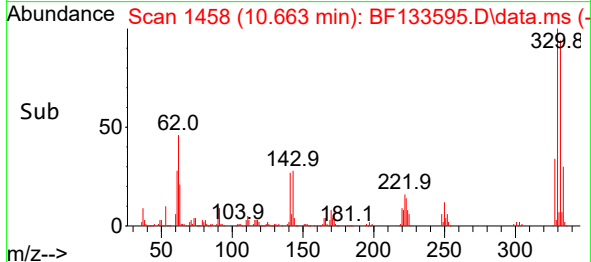
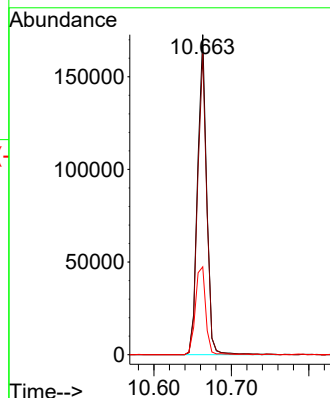
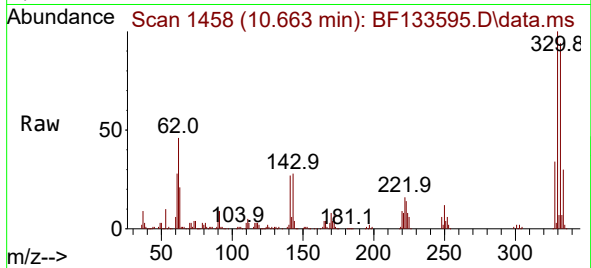




#42
2,4,6-Tribromophenol
Concen: 81.624 ng
RT: 10.663 min Scan# 1459
Delta R.T. -0.006 min
Lab File: BF133595.D
Acq: 06 Jun 2023 17:05

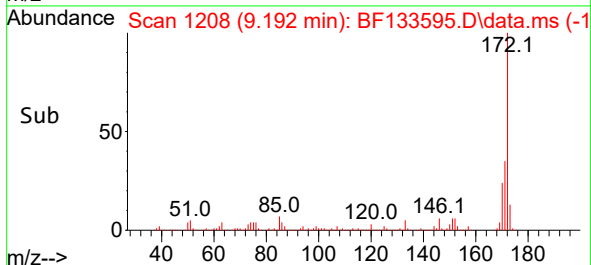
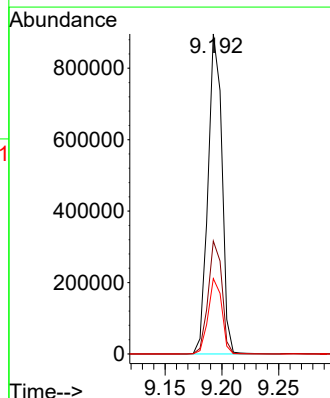
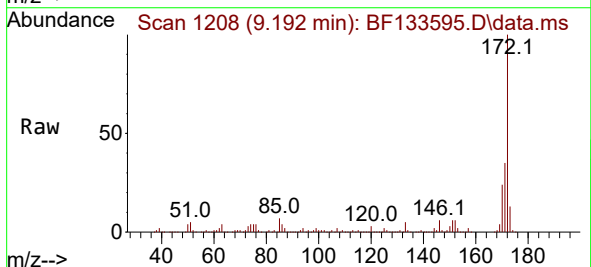
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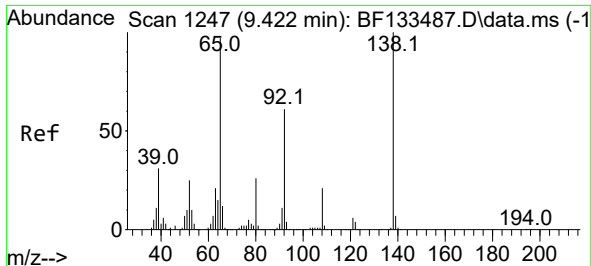
Tgt Ion: 330 Resp: 139803
Ion Ratio Lower Upper
330 100
332 94.6 77.8 116.6
141 31.5 26.6 40.0



#45
2-Fluorobiphenyl
Concen: 68.268 ng
RT: 9.192 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BF133595.D
Acq: 06 Jun 2023 17:05

Tgt Ion: 172 Resp: 759993
Ion Ratio Lower Upper
172 100
171 35.3 28.4 42.6
170 23.5 19.3 28.9





#48

2-Nitroaniline

Concen: 4.006 ng

RT: 9.322 min Scan# 11

Delta R.T. -0.094 min

Lab File: BF133595.D

Acq: 06 Jun 2023 17:05

Instrument :

BNA_F

ClientSampleId :

WC24

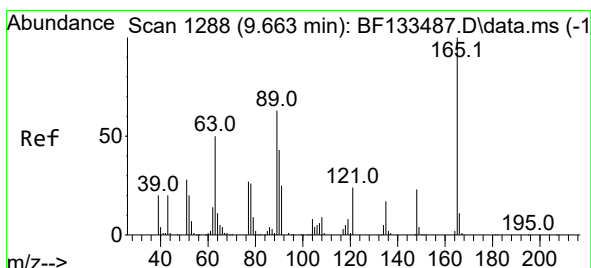
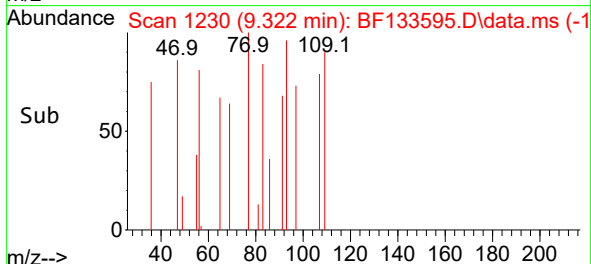
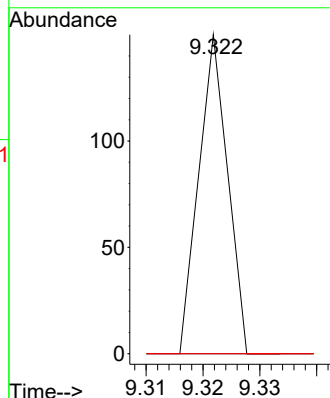
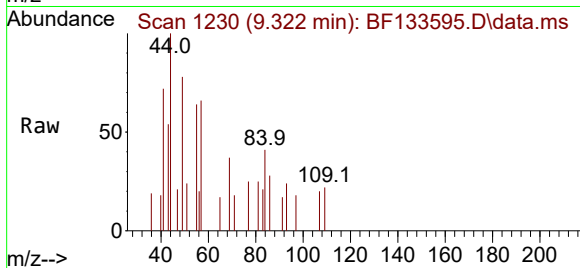
Tgt Ion: 65 Resp: 53

Ion Ratio Lower Upper

65 100

92 0.0 50.8 76.2#

138 0.0 82.6 124.0#



#51

2,6-Dinitrotoluene

Concen: 12.628 ng

RT: 9.875 min Scan# 1324

Delta R.T. 0.212 min

Lab File: BF133595.D

Acq: 06 Jun 2023 17:05

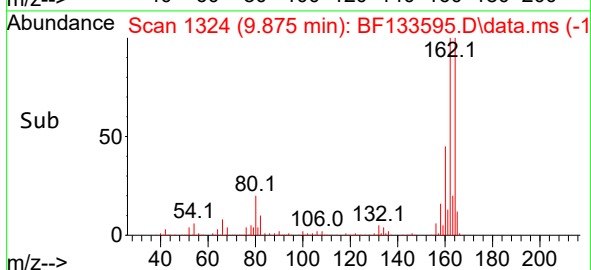
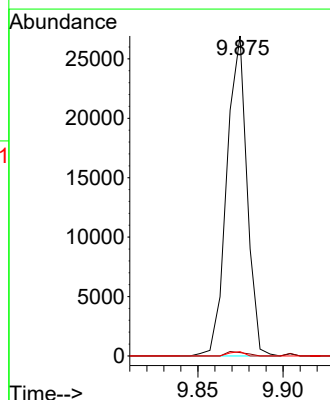
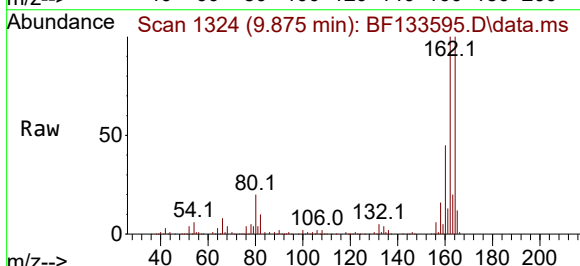
Tgt Ion: 165 Resp: 22246

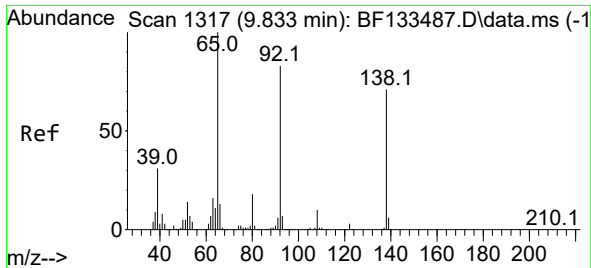
Ion Ratio Lower Upper

165 100

63 1.0 57.0 85.4#

89 1.4 50.8 76.2#

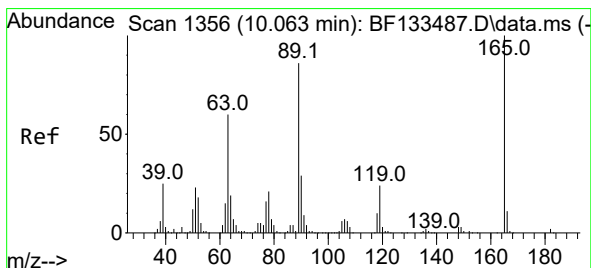
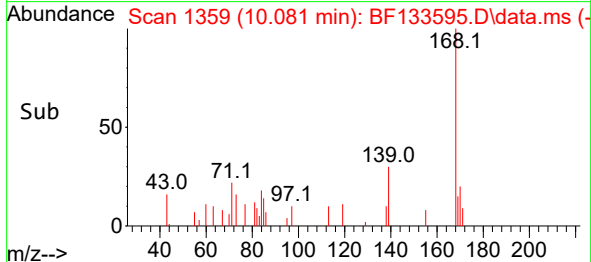
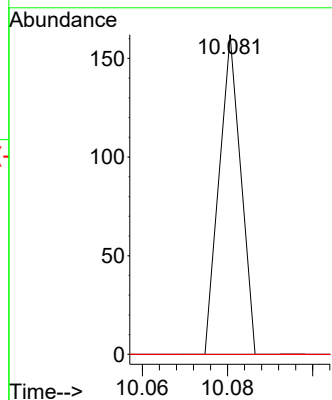
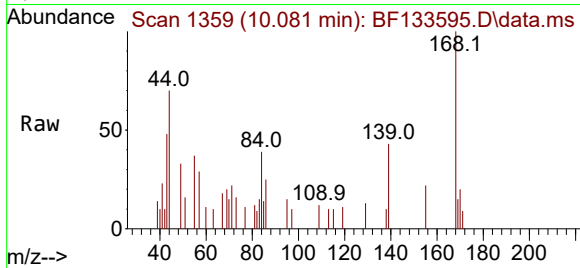




#53
3-Nitroaniline
Concen: 3.198 ng
RT: 10.081 min Scan# 11
Delta R.T. 0.247 min
Lab File: BF133595.D
Acq: 06 Jun 2023 17:05

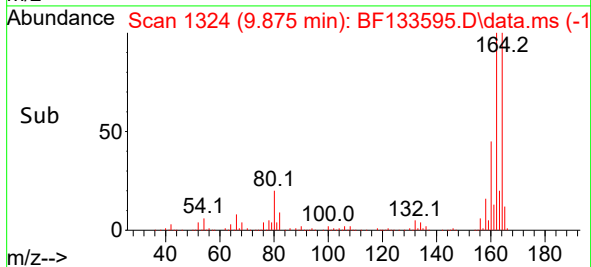
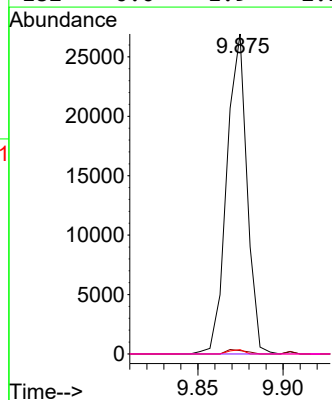
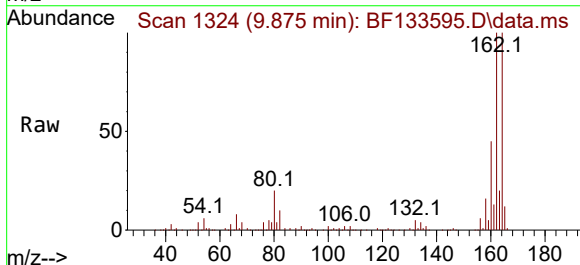
Instrument :
BNA_F
ClientSampleId :
WC24

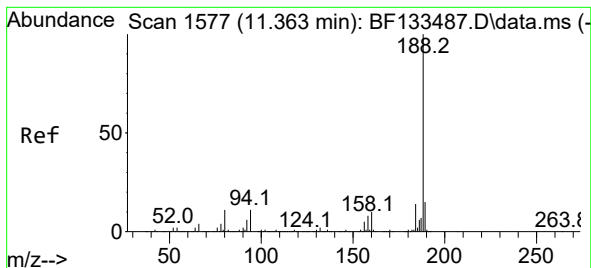
Tgt Ion:138 Resp: 57
Ion Ratio Lower Upper
138 100
108 0.0 11.9 17.9#
92 0.0 93.1 139.7#



#57
2,4-Dinitrotoluene
Concen: 11.780 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.188 min
Lab File: BF133595.D
Acq: 06 Jun 2023 17:05

Tgt Ion:165 Resp: 22246
Ion Ratio Lower Upper
165 100
63 1.0 48.1 72.1#
89 1.4 68.4 102.6#
182 0.0 1.9 2.9#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.363 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF133595.D

Acq: 06 Jun 2023 17:05

Instrument :

BNA_F

ClientSampleId :

WC24

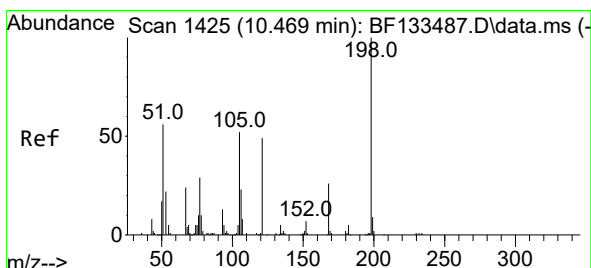
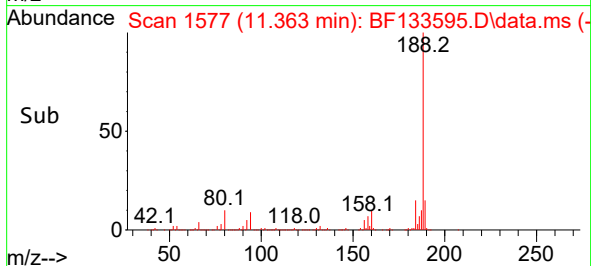
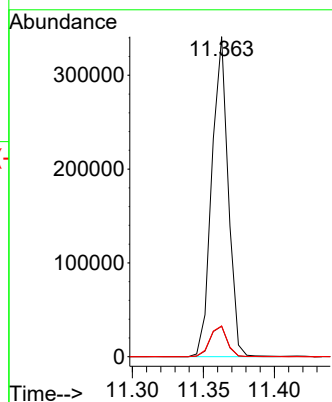
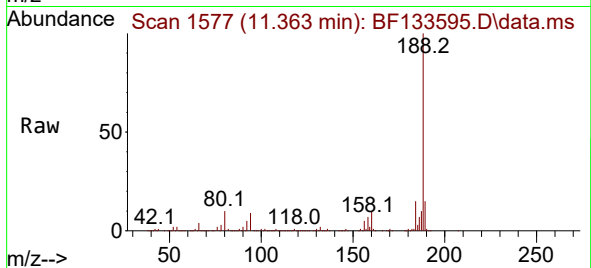
Tgt Ion:188 Resp: 274343

Ion Ratio Lower Upper

188 100

94 9.5 8.6 12.8

80 9.6 9.2 13.8



#65

4,6-Dinitro-2-methylphenol

Concen: 8.860 ng

RT: 10.663 min Scan# 1458

Delta R.T. 0.188 min

Lab File: BF133595.D

Acq: 06 Jun 2023 17:05

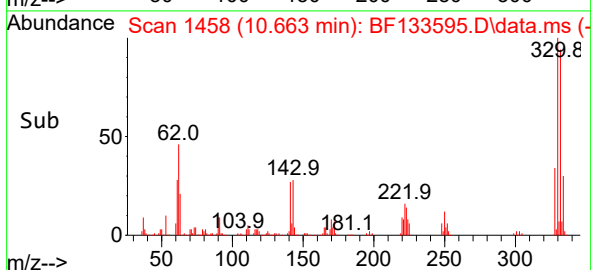
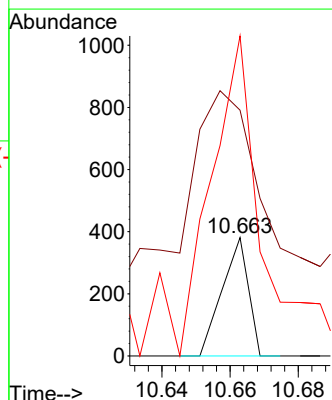
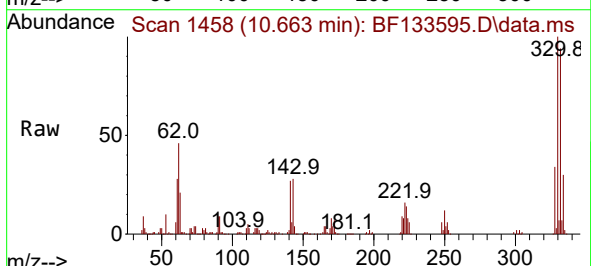
Tgt Ion:198 Resp: 203

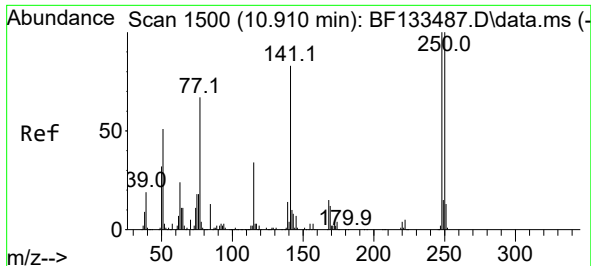
Ion Ratio Lower Upper

198 100

51 207.6 53.6 93.6#

105 270.3 35.9 75.9#

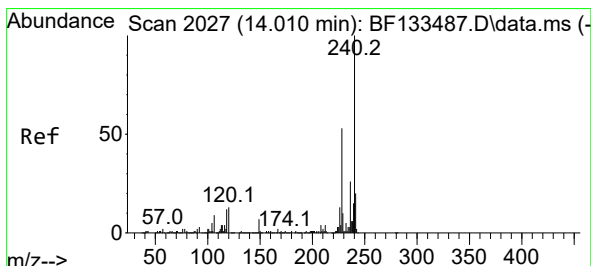
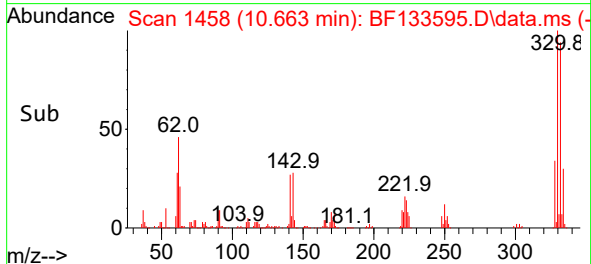
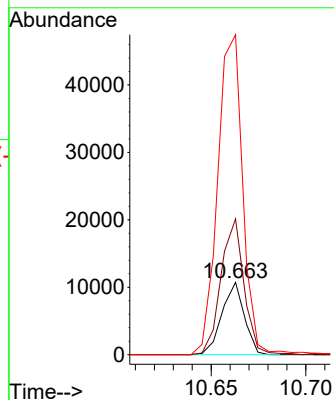
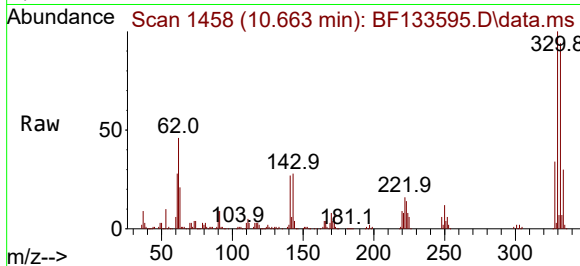




#67
4-Bromophenyl-phenylether
Concen: 3.031 ng
RT: 10.663 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF133595.D
Acq: 06 Jun 2023 17:05

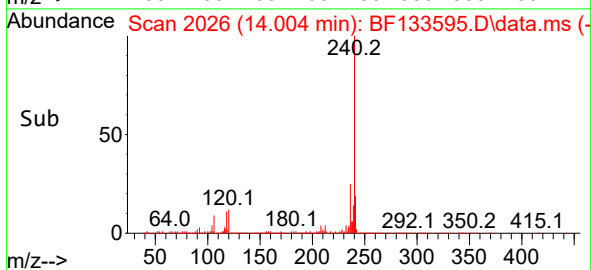
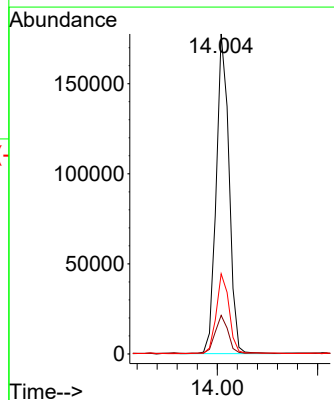
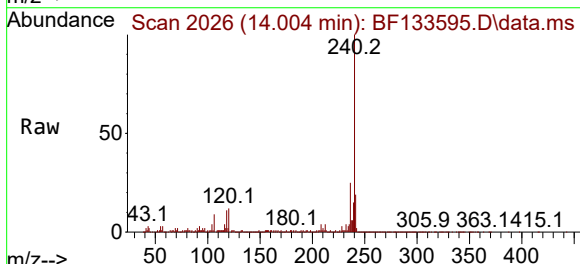
Instrument :
BNA_F
ClientSampleId :
WC24

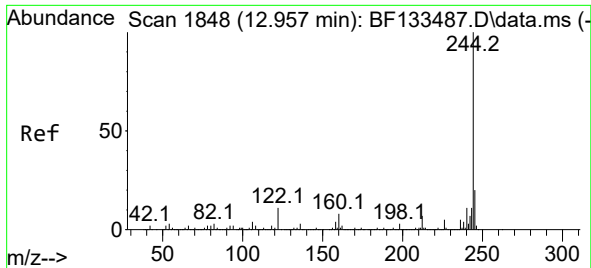
Tgt Ion:248 Resp: 8830
Ion Ratio Lower Upper
248 100
250 187.9 79.7 119.5#
141 442.6 66.6 100.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BF133595.D
Acq: 06 Jun 2023 17:05

Tgt Ion:240 Resp: 157401
Ion Ratio Lower Upper
240 100
120 12.0 10.3 15.5
236 25.0 20.5 30.7

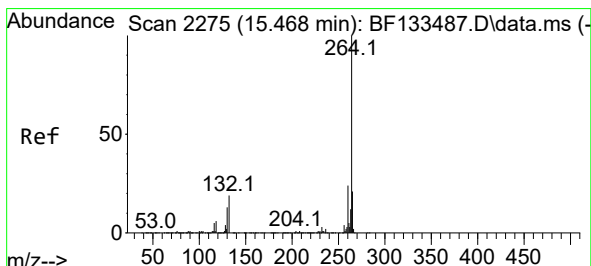
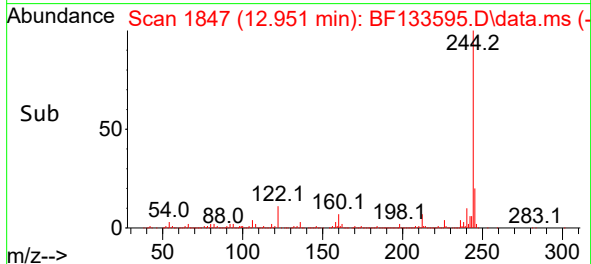
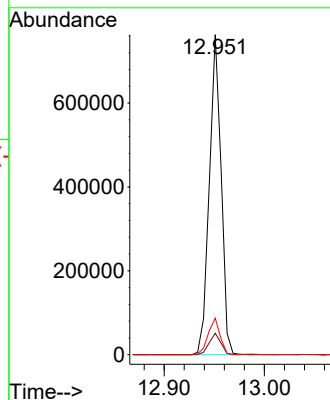
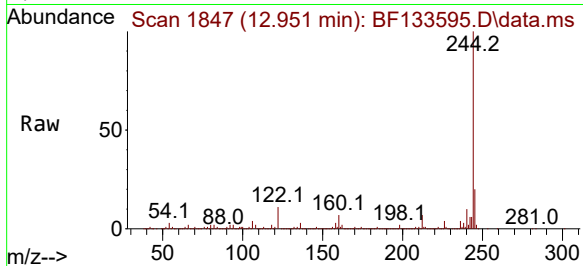




#79
 Terphenyl-d14
 Concen: 70.675 ng
 RT: 12.951 min Scan# 1847
 Delta R.T. -0.006 min
 Lab File: BF133595.D
 Acq: 06 Jun 2023 17:05

Instrument :
 BNA_F
 ClientSampleId :
 WC24

Tgt Ion:244 Resp: 625668
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.8 8.6
 122 11.4 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.468 min Scan# 2275
 Delta R.T. 0.000 min
 Lab File: BF133595.D
 Acq: 06 Jun 2023 17:05

Tgt Ion:264 Resp: 118757
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.0 28.4
 265 21.2 16.8 25.2

