

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062323\
 Data File : BF133935.D
 Acq On : 23 Jun 2023 10:54
 Operator : CG\JU
 Sample : 03274-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TW-1

Quant Time: Jun 25 02:36:20 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 23 02:21:26 2023
 Response via : Initial Calibration

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

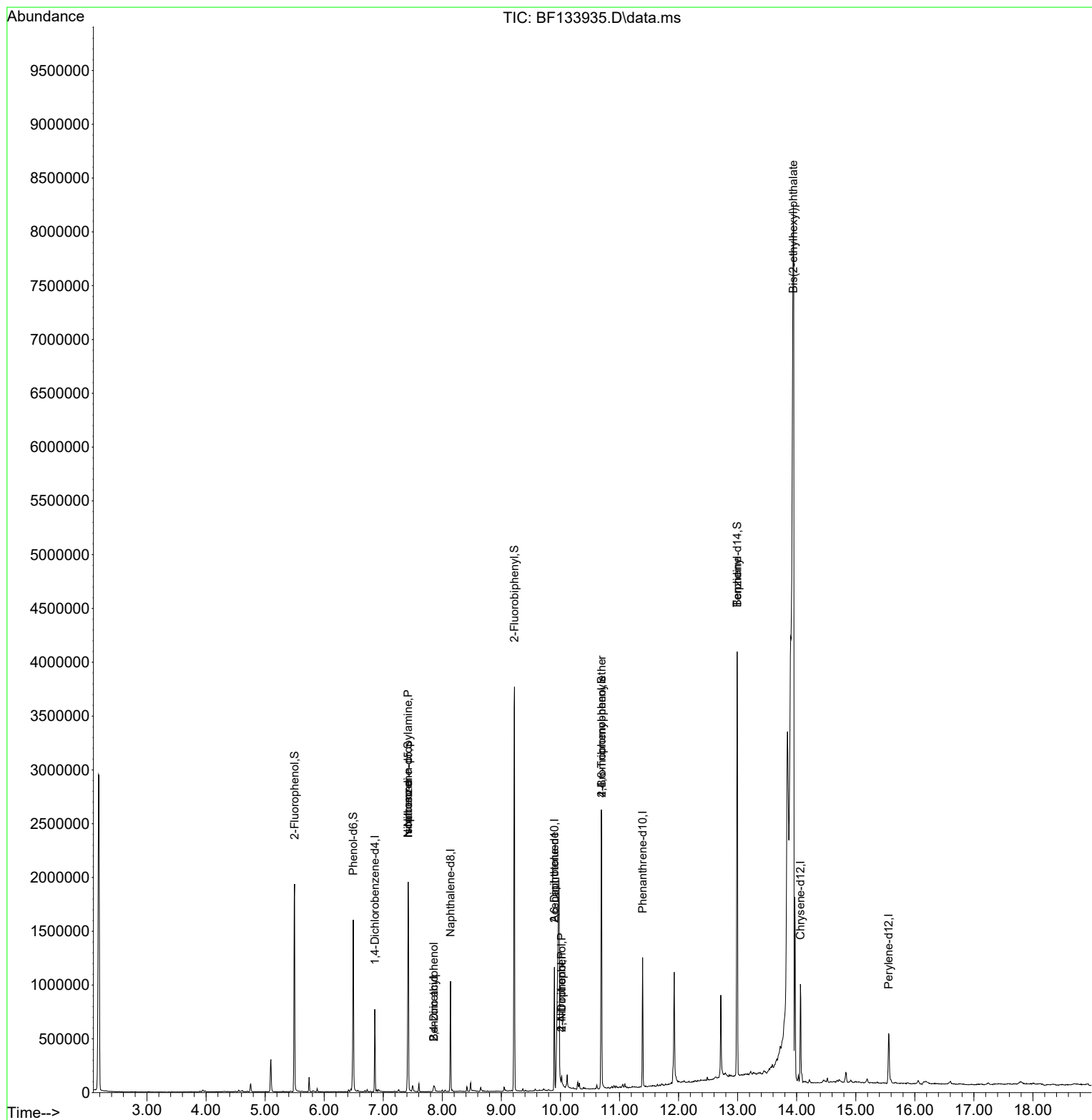
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	102278	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	397681	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	206698	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	410414	20.000	ng	0.00
76) Chrysene-d12	14.063	240	304332	20.000	ng	0.00
86) Perylene-d12	15.557	264	239058	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	519202	88.375	ng	0.00
7) Phenol-d6	6.492	99	465713	60.899	ng	0.00
23) Nitrobenzene-d5	7.422	82	647563	88.691	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	342166	130.776	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1193634	82.089	ng	0.00
79) Terphenyl-d14	12.992	244	1497747	76.151	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.422	70	91403	18.786	ng	# 77
25) Isophorone	7.422	82	646239	48.211	ng	# 65
27) 2,4-Dimethylphenol	7.857	122	13769	2.421	ng	# 1
32) Benzoic acid	7.857	122	13769	3.839	ng	# 87
51) 2,6-Dinitrotoluene	9.898	165	25741	8.083	ng	# 29
54) 2,4-Dinitrophenol	10.022	184	511	6.021	ng	# 1
56) 4-Nitrophenol	10.022	139	13002	4.971	ng	# 18
67) 4-Bromophenyl-phenylether	10.698	248	20784	4.537	ng	# 1
77) Benzidine	12.992	184	21132	2.069	ng	# 92
84) Bis(2-ethylhexyl)phtha...	13.945	149	5681327	385.530	ng	# 53

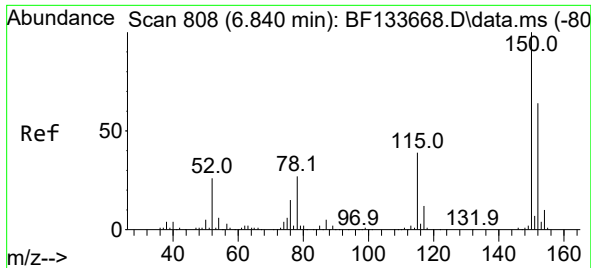
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 25 02:36:20 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 23 02:21:26 2023
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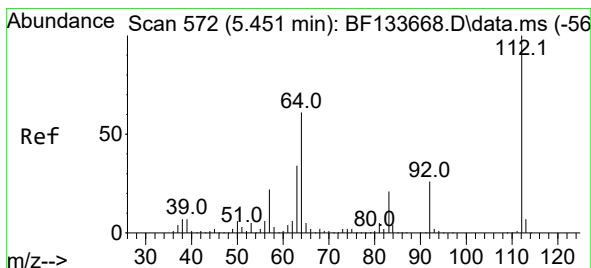
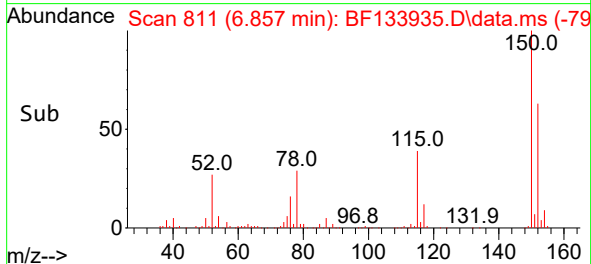
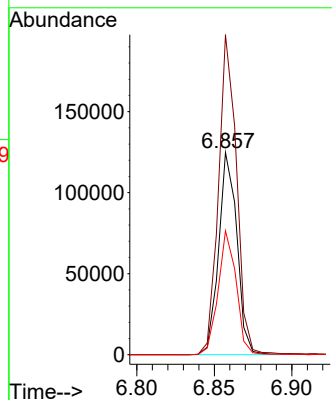
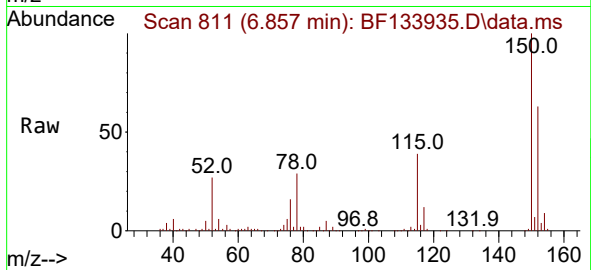




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF133935.D
Acq: 23 Jun 2023 10:54

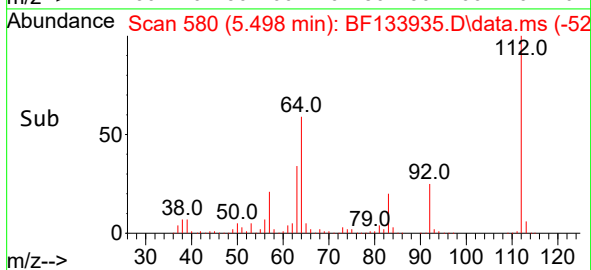
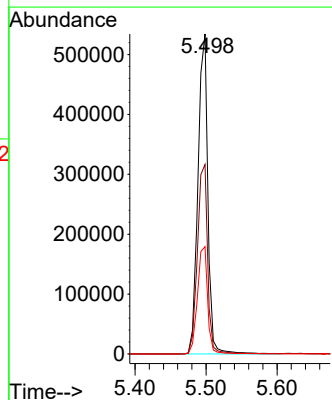
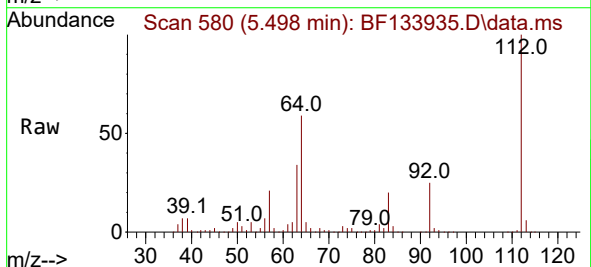
Instrument :
BNA_F
ClientSampleId :
TW-1

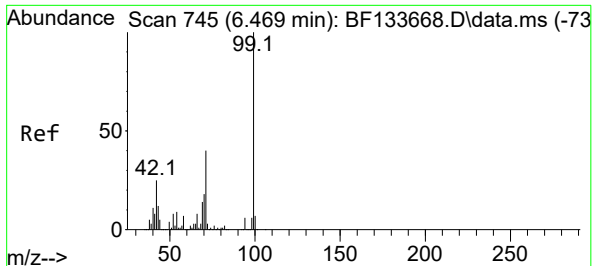
Tgt Ion:152 Resp: 102278
Ion Ratio Lower Upper
152 100
150 158.3 124.3 186.5
115 61.2 48.5 72.7



#5
2-Fluorophenol
Concen: 88.375 ng
RT: 5.498 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF133935.D
Acq: 23 Jun 2023 10:54

Tgt Ion:112 Resp: 519202
Ion Ratio Lower Upper
112 100
64 59.2 49.0 73.4
63 33.5 26.8 40.2

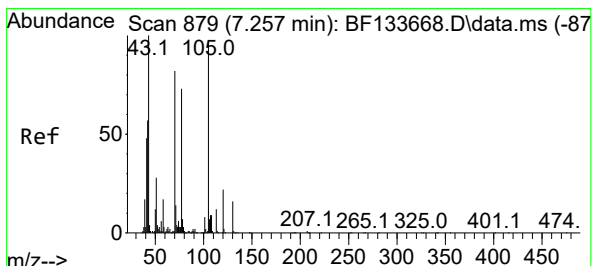
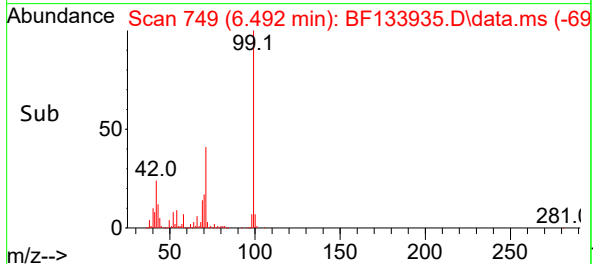
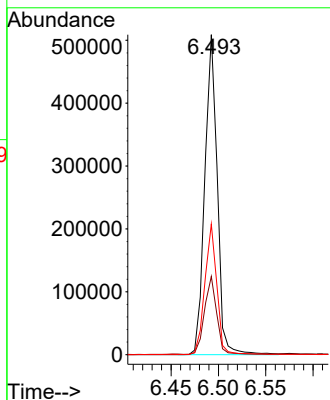
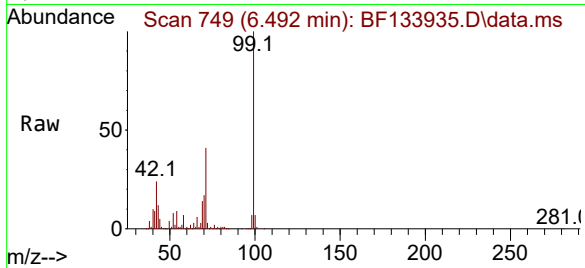




#7
Phenol-d6
Concen: 60.899 ng
RT: 6.492 min Scan# 745
Delta R.T. -0.006 min
Lab File: BF133935.D
Acq: 23 Jun 2023 10:54

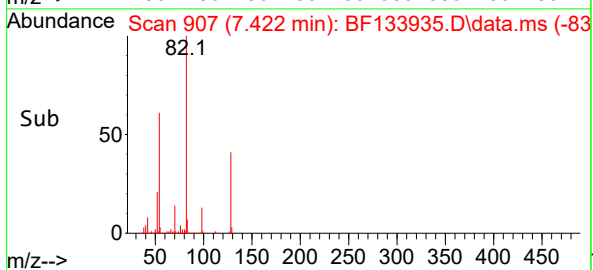
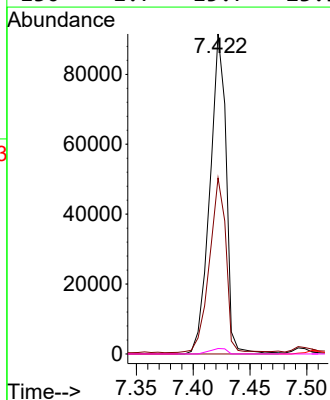
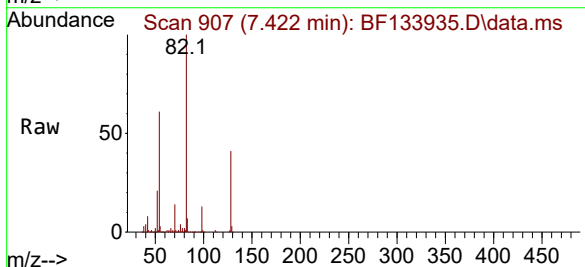
Instrument :
BNA_F
ClientSampleId :
TW-1

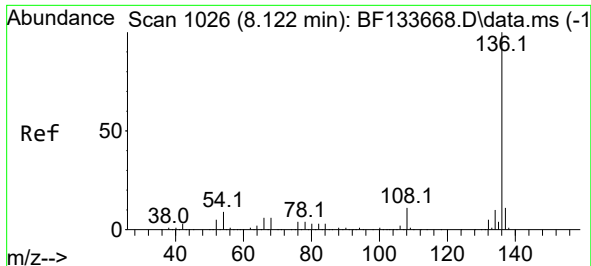
Tgt Ion: 99 Resp: 465713
Ion Ratio Lower Upper
99 100
42 24.4 19.9 29.9
71 40.8 32.2 48.4



#19
n-Nitroso-di-n-propylamine
Concen: 18.786 ng
RT: 7.422 min Scan# 907
Delta R.T. 0.147 min
Lab File: BF133935.D
Acq: 23 Jun 2023 10:54

Tgt Ion: 70 Resp: 91403
Ion Ratio Lower Upper
70 100
42 55.0 55.8 83.8#
101 0.0 8.1 12.1#
130 1.7 15.7 23.5#

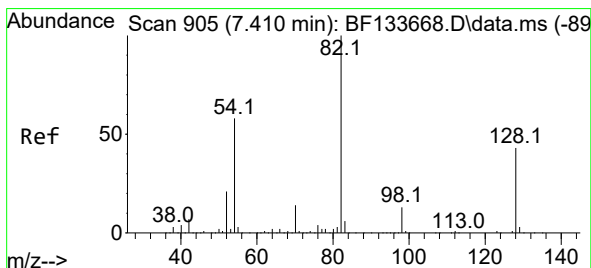
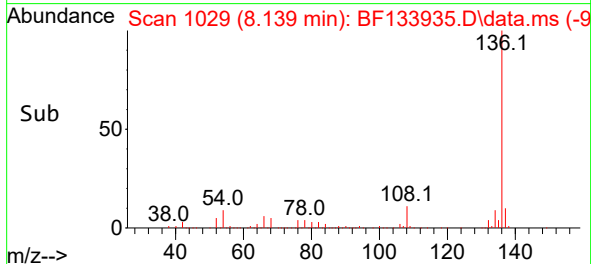
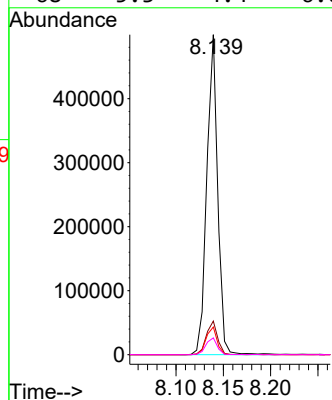
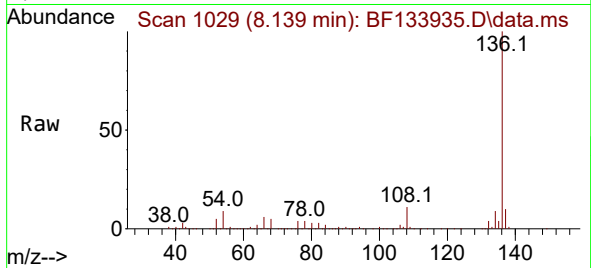




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BF133935.D
Acq: 23 Jun 2023 10:54

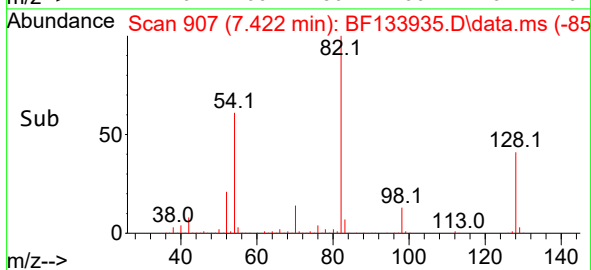
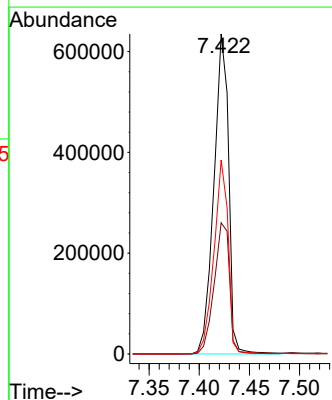
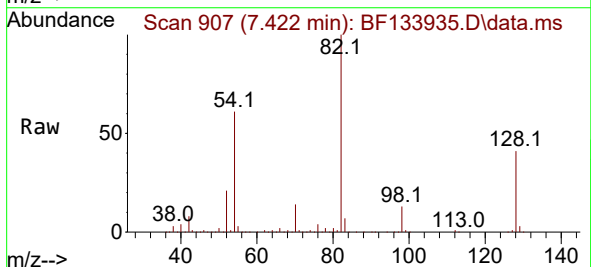
Instrument :
BNA_F
ClientSampleId :
TW-1

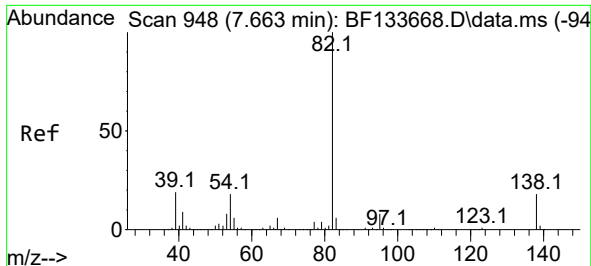
Tgt Ion:136 Resp: 397681
Ion Ratio Lower Upper
136 100
137 10.5 8.8 13.2
54 8.6 7.4 11.0
68 5.3 4.4 6.6



#23
Nitrobenzene-d5
Concen: 88.691 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF133935.D
Acq: 23 Jun 2023 10:54

Tgt Ion: 82 Resp: 647563
Ion Ratio Lower Upper
82 100
128 41.0 34.2 51.2
54 60.6 46.5 69.7

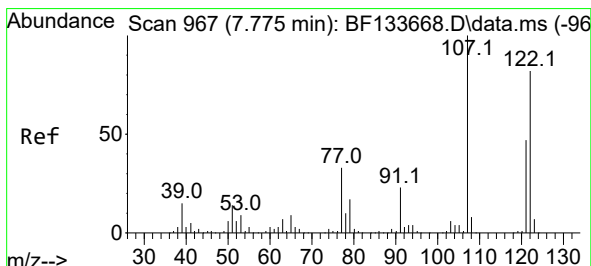
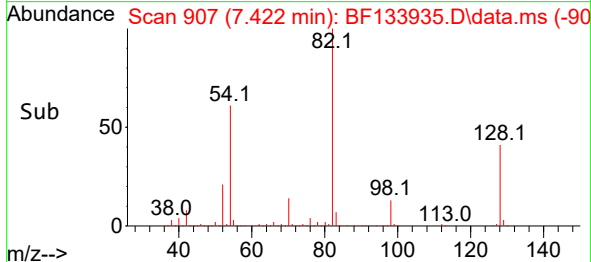
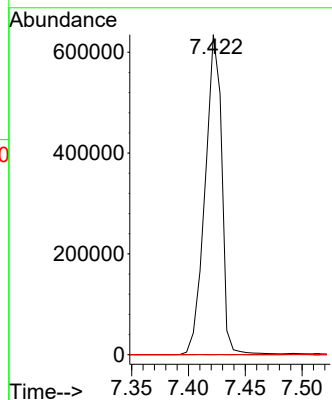
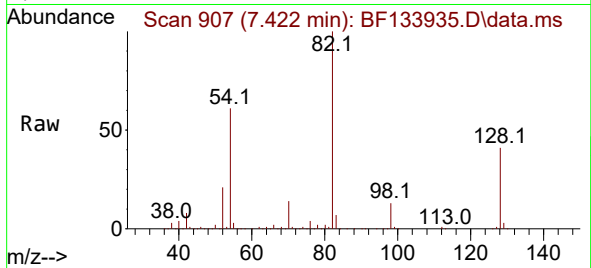




#25
Isophorone
Concen: 48.211 ng
RT: 7.422 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF133935.D
Acq: 23 Jun 2023 10:54

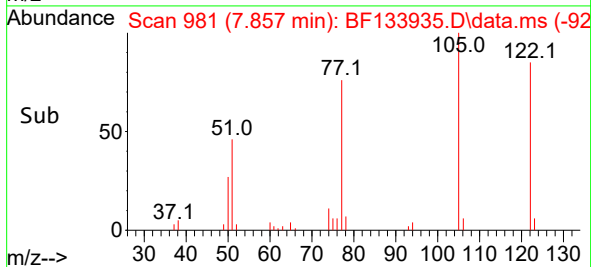
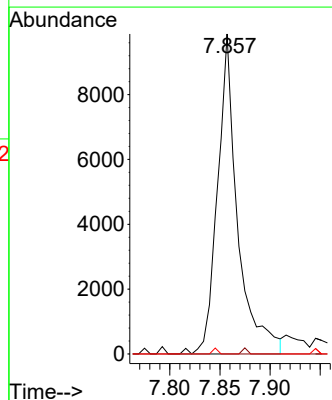
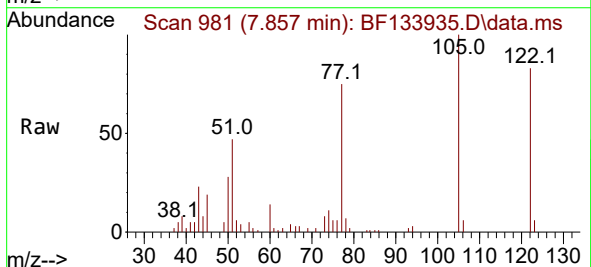
Instrument :
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ClientSampleId :
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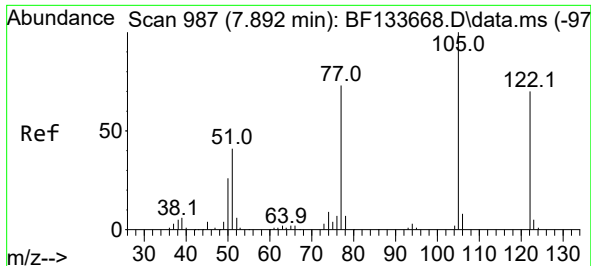
Tgt Ion: 82 Resp: 646239
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.2 21.2#



#27
2,4-Dimethylphenol
Concen: 2.421 ng
RT: 7.857 min Scan# 981
Delta R.T. 0.059 min
Lab File: BF133935.D
Acq: 23 Jun 2023 10:54

Tgt Ion: 122 Resp: 13769
Ion Ratio Lower Upper
122 100
107 0.0 97.8 146.6#
121 0.0 46.1 69.1#

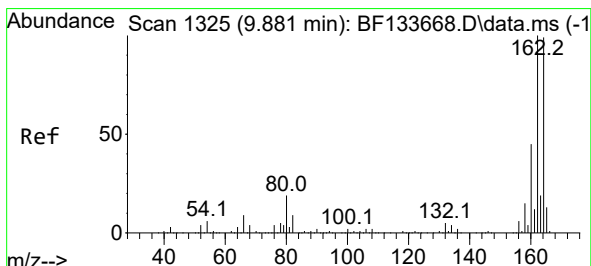
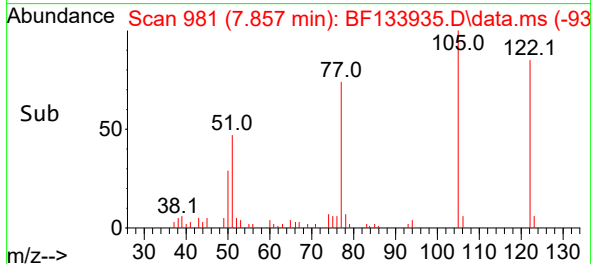
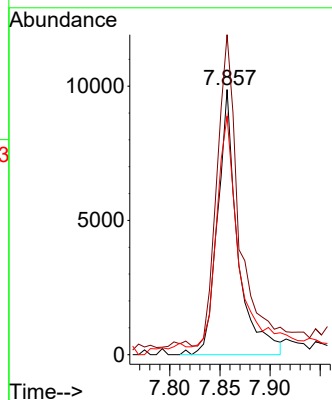
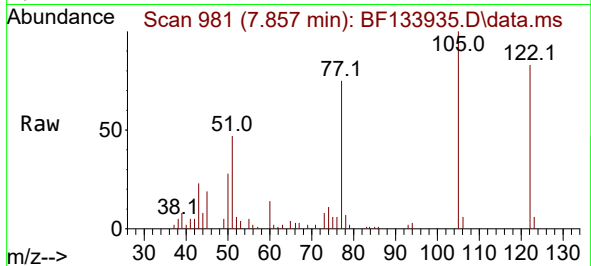




#32
Benzoic acid
Concen: 3.839 ng
RT: 7.857 min Scan# 981
Delta R.T. -0.053 min
Lab File: BF133935.D
Acq: 23 Jun 2023 10:54

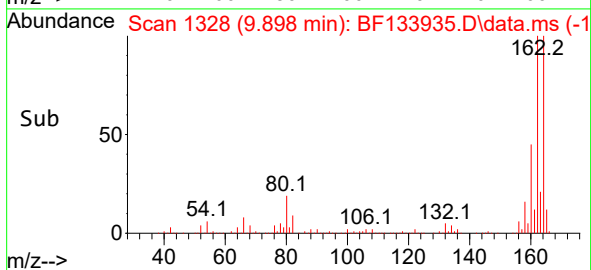
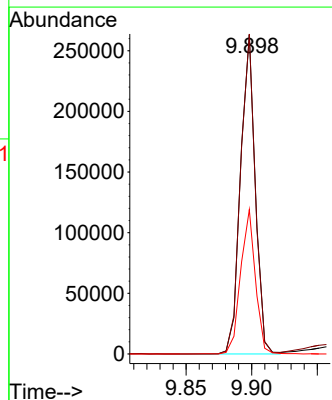
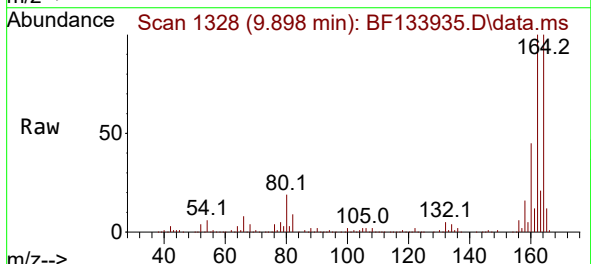
Instrument :
BNA_F
ClientSampleId :
TW-1

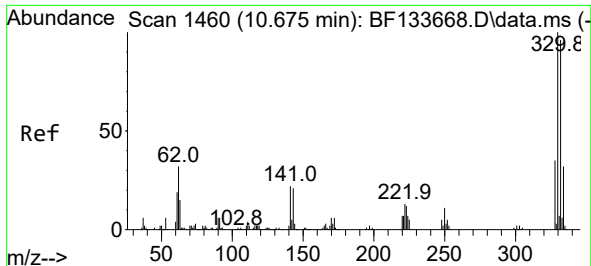
Tgt Ion:122 Resp: 13769
Ion Ratio Lower Upper
122 100
105 120.7 116.3 156.3
77 90.0 82.4 122.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.000 min
Lab File: BF133935.D
Acq: 23 Jun 2023 10:54

Tgt Ion:164 Resp: 206698
Ion Ratio Lower Upper
164 100
162 100.3 80.8 121.2
160 45.2 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 130.776 ng

RT: 10.698 min Scan# 1464

Delta R.T. 0.000 min

Lab File: BF133935.D

Acq: 23 Jun 2023 10:54

Instrument :

BNA_F

ClientSampleId :

TW-1

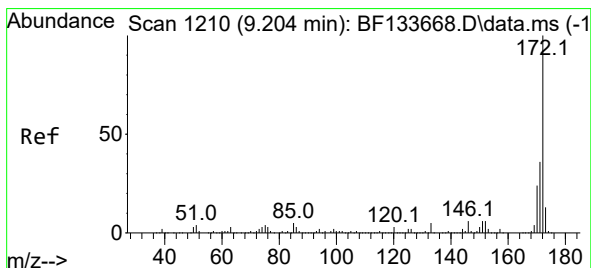
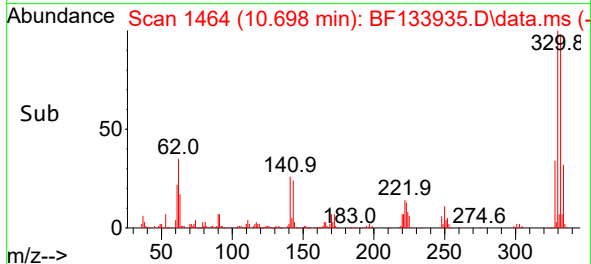
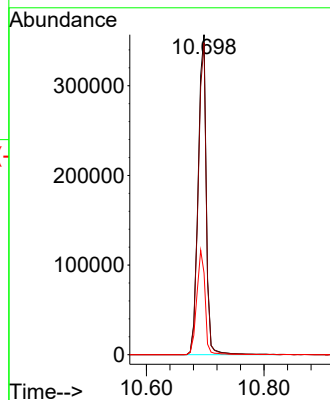
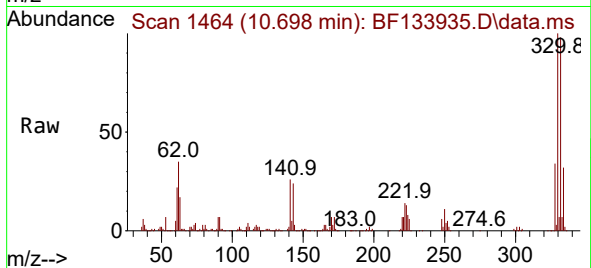
Tgt Ion:330 Resp: 342166

Ion Ratio Lower Upper

330 100

332 96.4 77.2 115.8

141 33.4 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 82.089 ng

RT: 9.222 min Scan# 1213

Delta R.T. 0.000 min

Lab File: BF133935.D

Acq: 23 Jun 2023 10:54

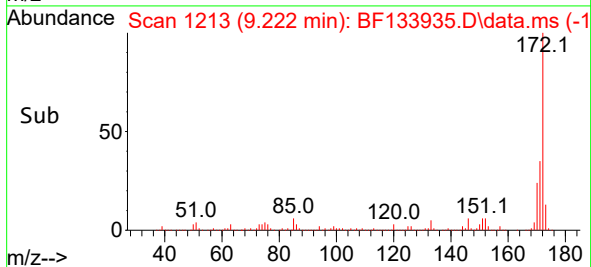
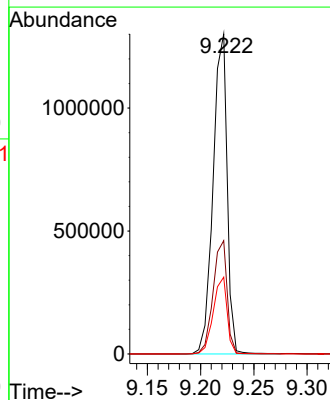
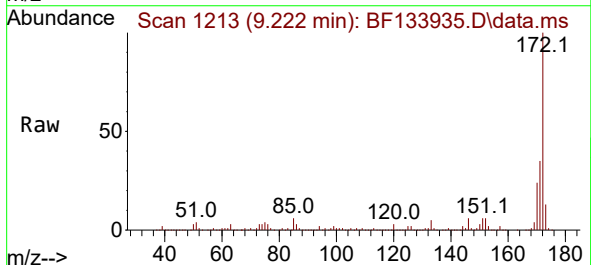
Tgt Ion:172 Resp: 1193634

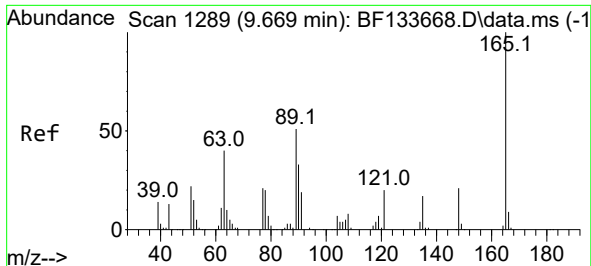
Ion Ratio Lower Upper

172 100

171 35.4 28.6 43.0

170 24.0 19.1 28.7

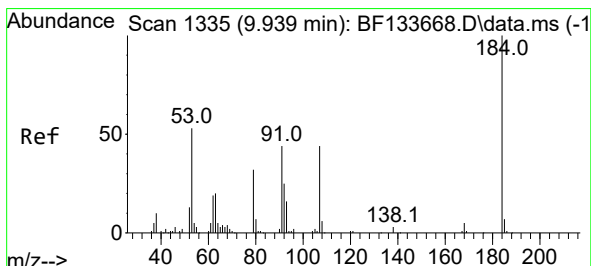
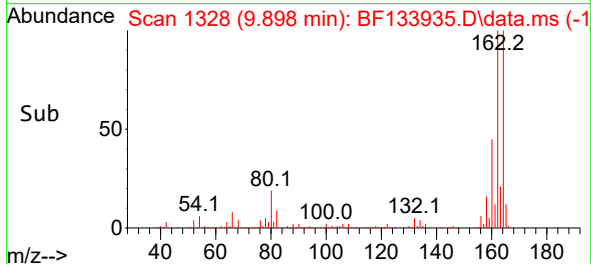
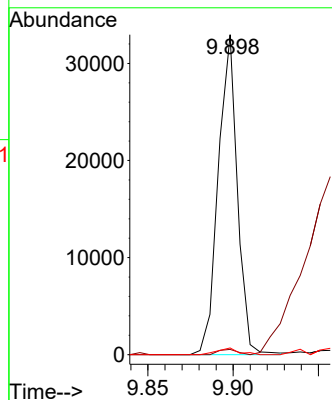
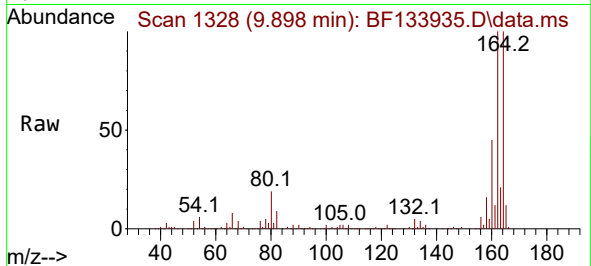




#51
2,6-Dinitrotoluene
Concen: 8.083 ng
RT: 9.898 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF133935.D
Acq: 23 Jun 2023 10:54

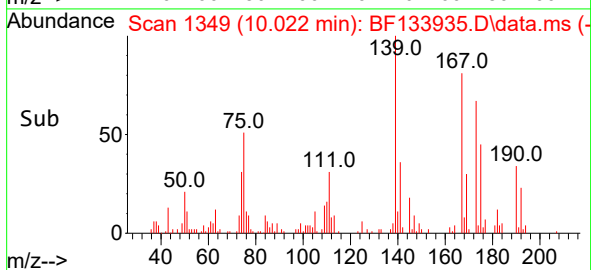
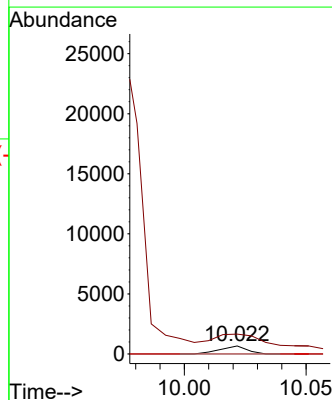
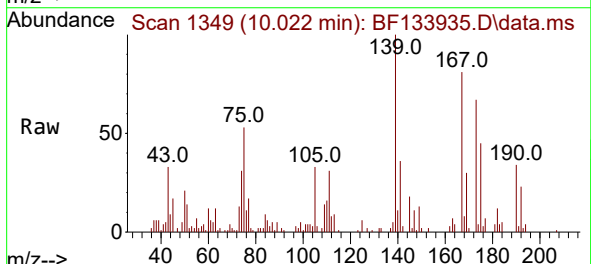
Instrument :
BNA_F
ClientSampleId :
TW-1

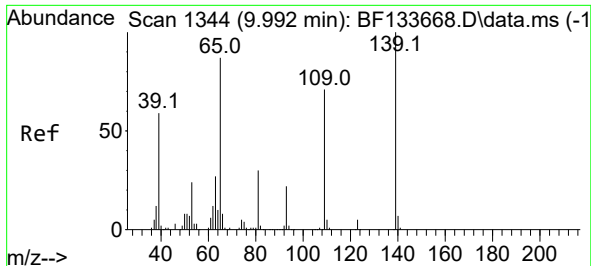
Tgt Ion:165 Resp: 25741
Ion Ratio Lower Upper
165 100
63 1.7 42.1 63.1#
89 2.1 40.9 61.3#



#54
2,4-Dinitrophenol
Concen: 6.021 ng
RT: 10.022 min Scan# 1349
Delta R.T. 0.053 min
Lab File: BF133935.D
Acq: 23 Jun 2023 10:54

Tgt Ion:184 Resp: 511
Ion Ratio Lower Upper
184 100
63 248.9 55.3 82.9#
154 0.0 51.9 77.9#

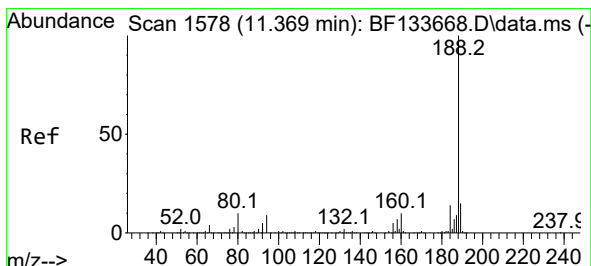
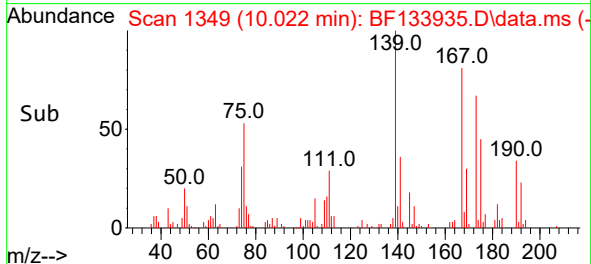
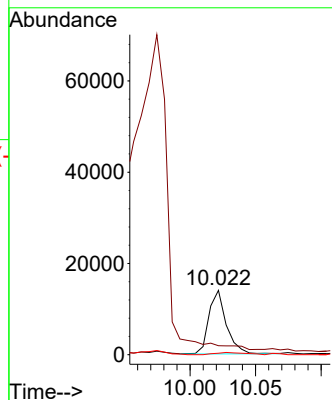
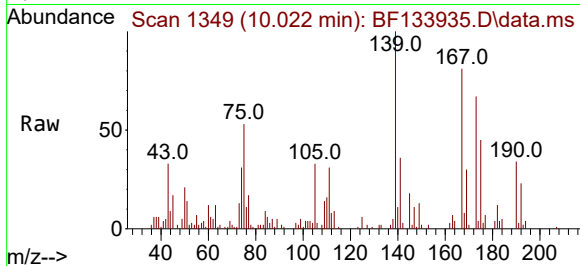




#56
4-Nitrophenol
Concen: 4.971 ng
RT: 10.022 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133935.D
Acq: 23 Jun 2023 10:54

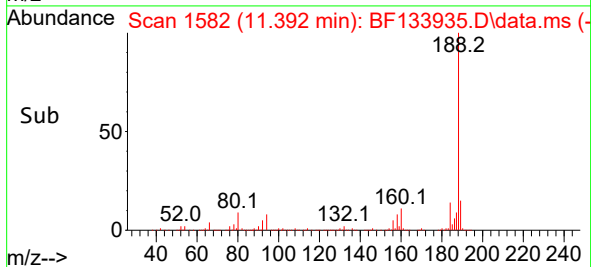
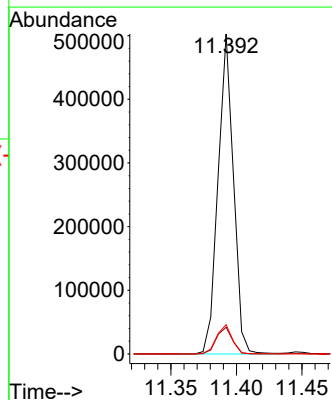
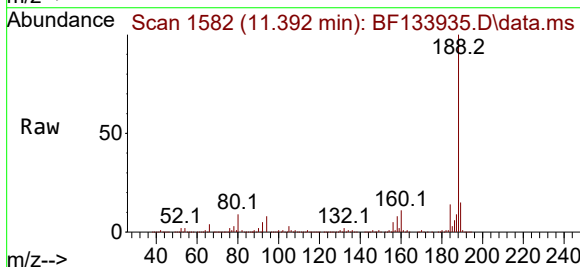
Instrument :
BNA_F
ClientSampleId :
TW-1

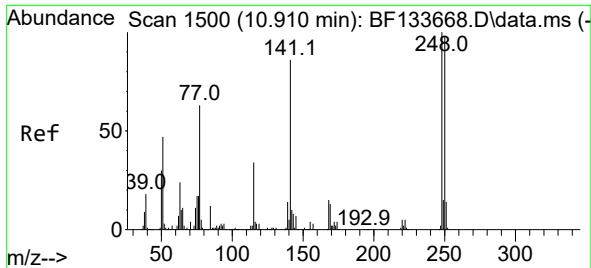
Tgt Ion:139 Resp: 13002
Ion Ratio Lower Upper
139 100
109 13.9 50.7 90.7#
65 2.1 67.1 107.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1582
Delta R.T. 0.000 min
Lab File: BF133935.D
Acq: 23 Jun 2023 10:54

Tgt Ion:188 Resp: 410414
Ion Ratio Lower Upper
188 100
94 8.4 6.8 10.2
80 9.1 7.8 11.6

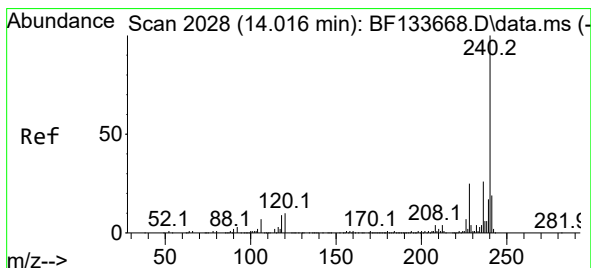
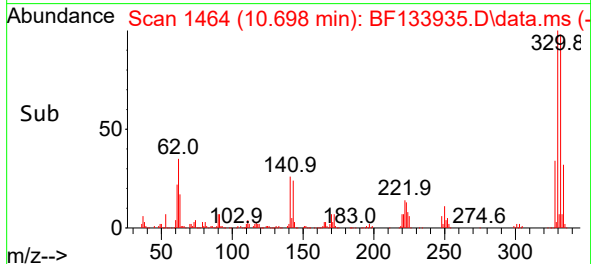
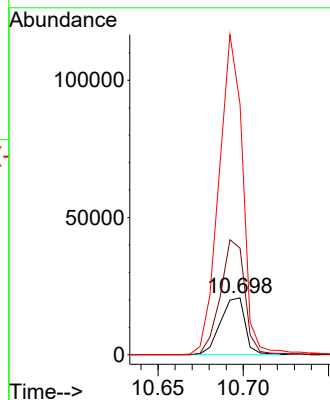
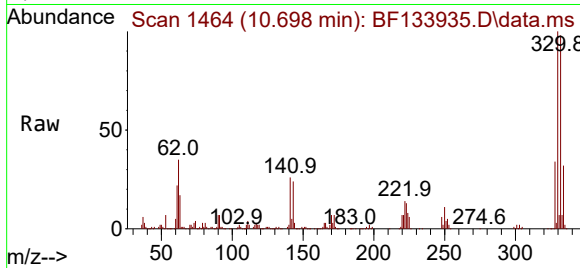




#67
4-Bromophenyl-phenylether
Concen: 4.537 ng
RT: 10.698 min Scan# 14
Delta R.T. -0.241 min
Lab File: BF133935.D
Acq: 23 Jun 2023 10:54

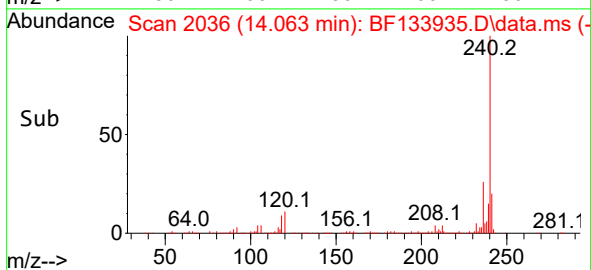
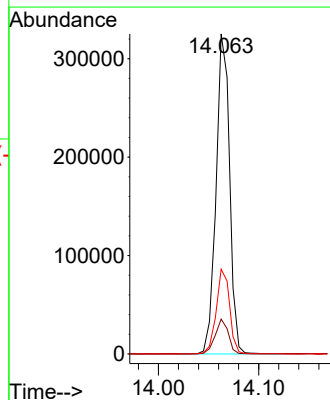
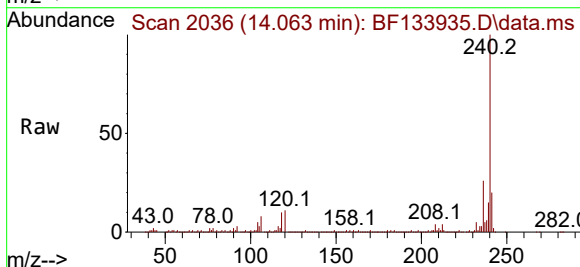
Instrument :
BNA_F
ClientSampleId :
TW-1

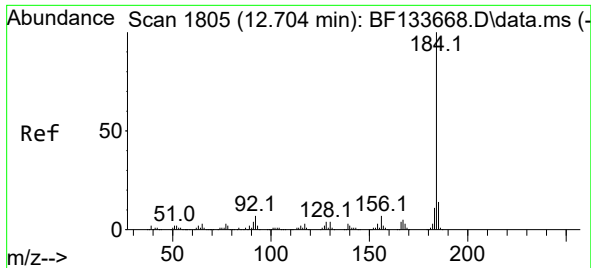
Tgt Ion:248 Resp: 20784
Ion Ratio Lower Upper
248 100
250 187.7 78.3 117.5#
141 441.1 69.0 103.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2036
Delta R.T. 0.006 min
Lab File: BF133935.D
Acq: 23 Jun 2023 10:54

Tgt Ion:240 Resp: 304332
Ion Ratio Lower Upper
240 100
120 10.9 8.1 12.1
236 26.5 20.5 30.7

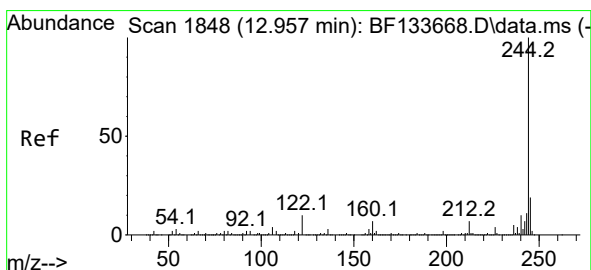
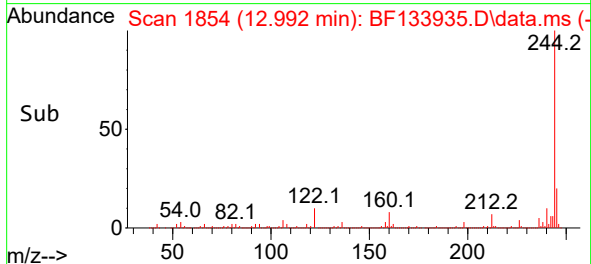
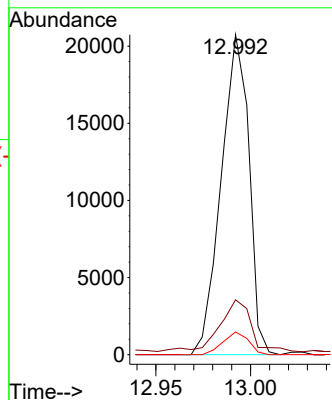
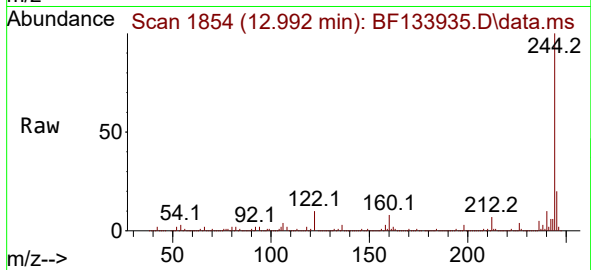




#77
Benzidine
Concen: 2.069 ng
RT: 12.992 min Scan# 1854
Delta R.T. 0.253 min
Lab File: BF133935.D
Acq: 23 Jun 2023 10:54

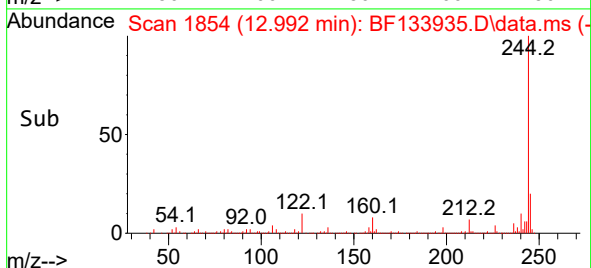
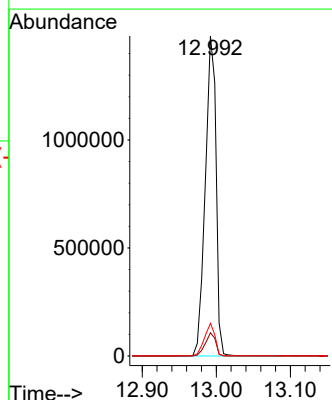
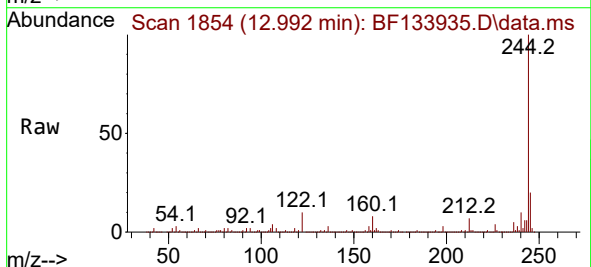
Instrument :
BNA_F
ClientSampleId :
TW-1

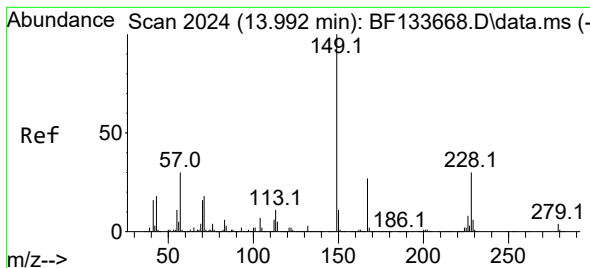
Tgt Ion:184 Resp: 21132
Ion Ratio Lower Upper
184 100
185 17.2 11.6 17.4
183 7.1 8.4 12.6#



#79
Terphenyl-d14
Concen: 76.151 ng
RT: 12.992 min Scan# 1854
Delta R.T. 0.000 min
Lab File: BF133935.D
Acq: 23 Jun 2023 10:54

Tgt Ion:244 Resp: 1497747
Ion Ratio Lower Upper
244 100
212 7.3 5.4 8.2
122 10.2 8.1 12.1

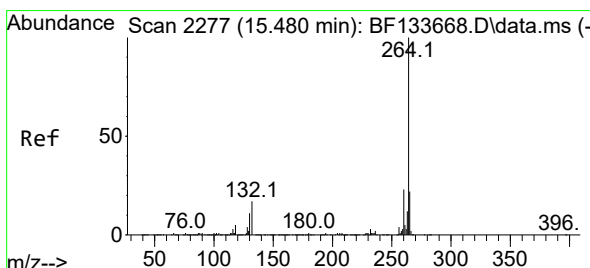
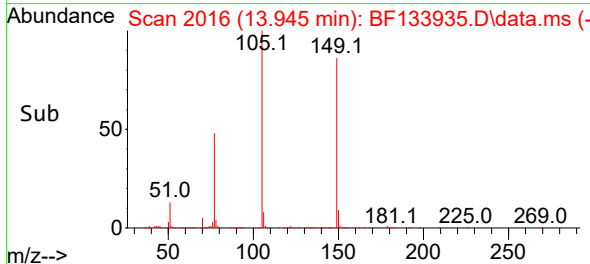
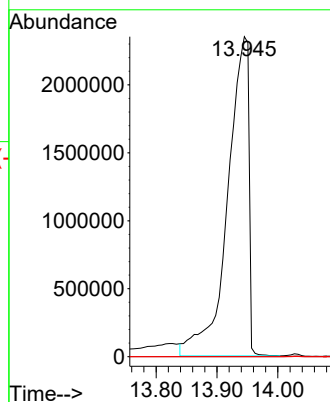
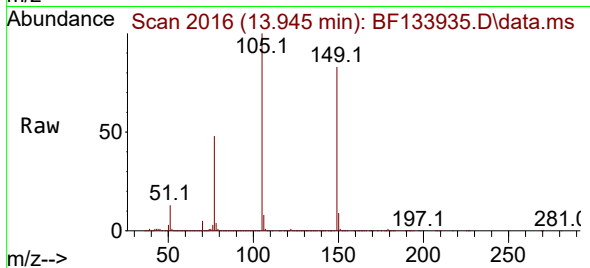




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 385.530 ng
 RT: 13.945 min Scan# 2016
 Delta R.T. -0.082 min
 Lab File: BF133935.D
 Acq: 23 Jun 2023 10:54

Instrument :
 BNA_F
 ClientSampleId :
 TW-1

Tgt Ion:149 Resp: 5681327
 Ion Ratio Lower Upper
 149 100
 167 0.0 21.8 32.8#
 279 0.0 3.3 4.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.557 min Scan# 2290
 Delta R.T. -0.006 min
 Lab File: BF133935.D
 Acq: 23 Jun 2023 10:54

Tgt Ion:264 Resp: 239058
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.2 27.2
 265 20.5 17.8 26.6

