

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110123\
 Data File : BF136073.D
 Acq On : 01 Nov 2023 13:26
 Operator : CG\JU
 Sample : 05159-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 291

Quant Time: Nov 01 22:39:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 31 01:13:02 2023
 Response via : Initial Calibration

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

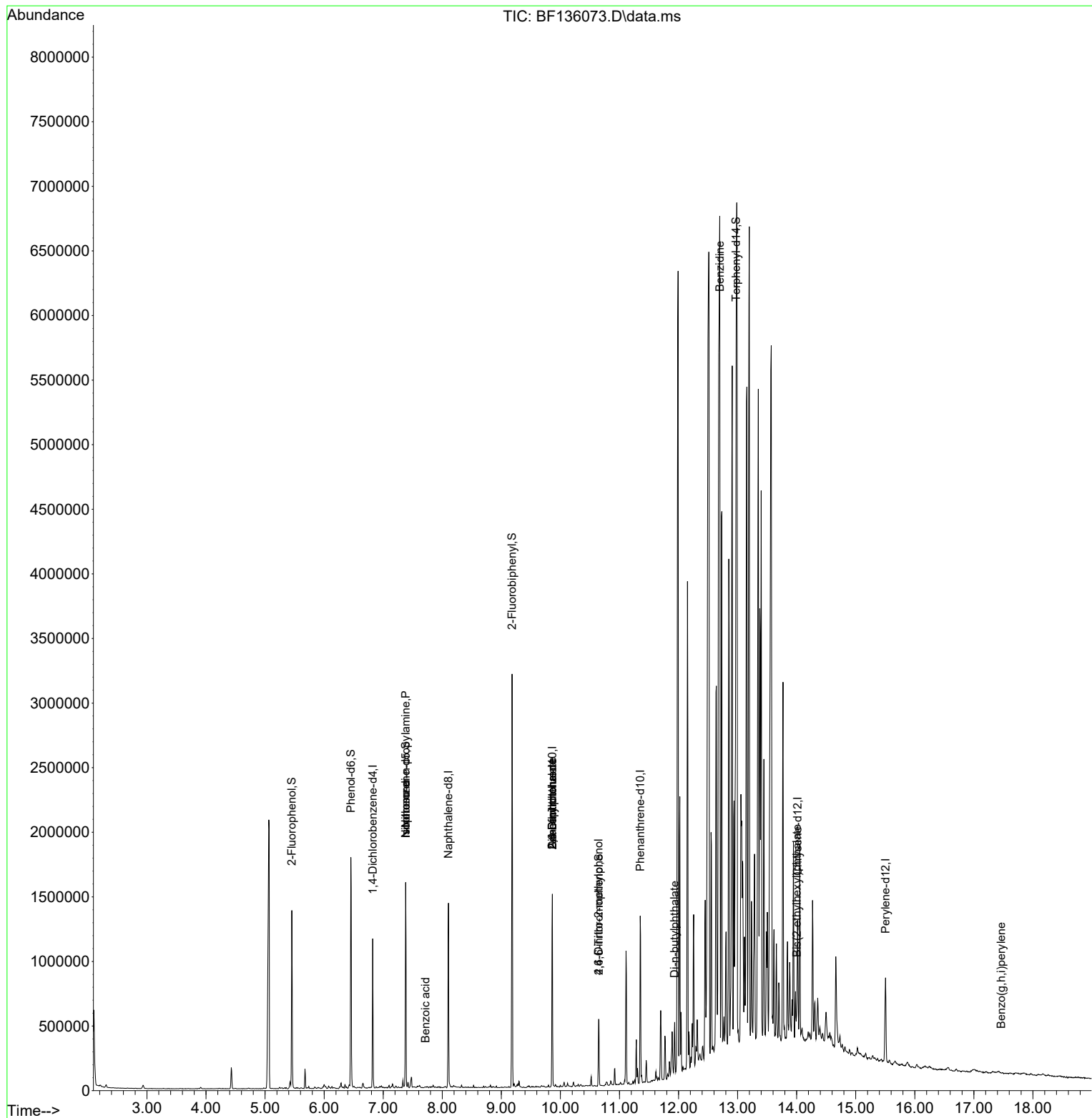
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	145807	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	567686	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	282804	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	469033	20.000	ng	0.00
76) Chrysene-d12	14.016	240	283892	20.000	ng	0.00
86) Perylene-d12	15.504	264	320014	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	355869	38.353	ng	0.00
7) Phenol-d6	6.451	99	619558	53.591	ng	0.00
23) Nitrobenzene-d5	7.381	82	458531	48.691	ng	-0.01
42) 2,4,6-Tribromophenol	10.651	330	65896	21.830	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	897706	50.602	ng	0.00
79) Terphenyl-d14	12.974	244	546511	29.916	ng	0.02
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	7.381	70	60333	9.134	ng	# 79
25) Isophorone	7.381	82	457893	25.756	ng	# 64
32) Benzoic acid	7.716	122	73	5.124	ng	91
50) Dimethylphthalate	9.863	163	58128	3.116	ng	# 1
51) 2,6-Dinitrotoluene	9.863	165	37918	9.504	ng	# 29
57) 2,4-Dinitrotoluene	9.863	165	37918	7.512	ng	# 25
65) 4,6-Dinitro-2-methylph...	10.645	198	63	5.812	ng	# 1
74) Di-n-butylphthalate	11.933	149	178389	7.424	ng	99
77) Benzidine	12.698	184	374817	67.739	ng	# 80
84) Bis(2-ethylhexyl)phtha...	14.004	149	36676	3.514	ng	# 98
92) Benzo(g,h,i)perylene	17.462	276	3712	3.074	ng	# 75

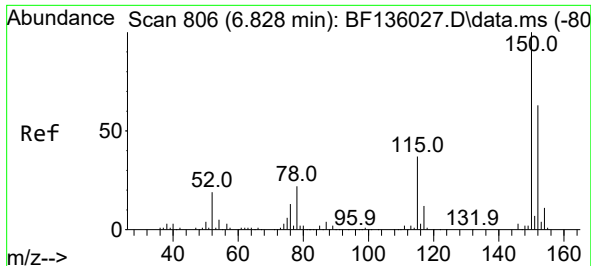
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110123\
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Quant Time: Nov 01 22:39:05 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 31 01:13:02 2023
Response via : Initial Calibration

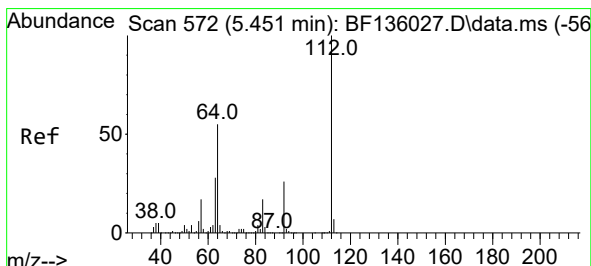
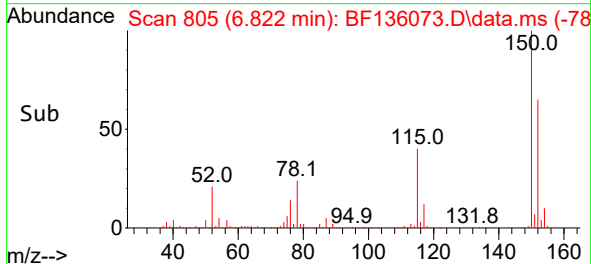
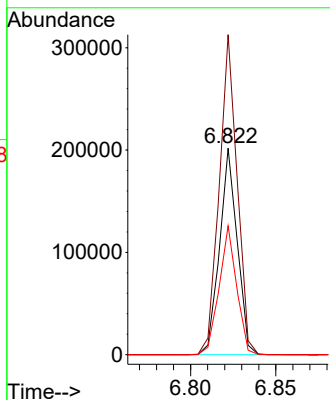
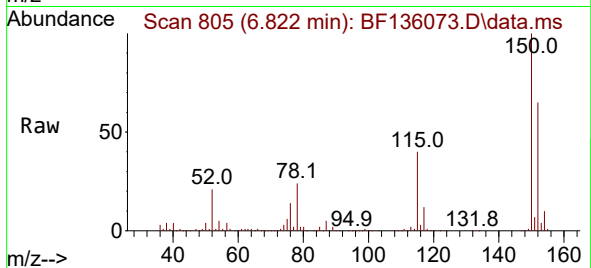




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 806
Delta R.T. -0.006 min
Lab File: BF136073.D
Acq: 01 Nov 2023 13:26

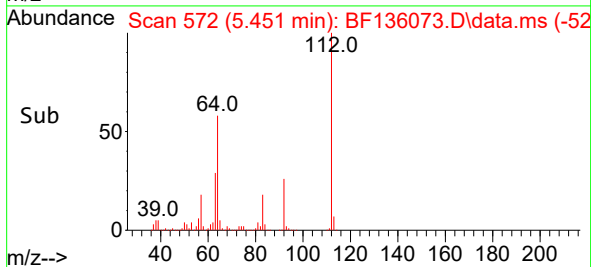
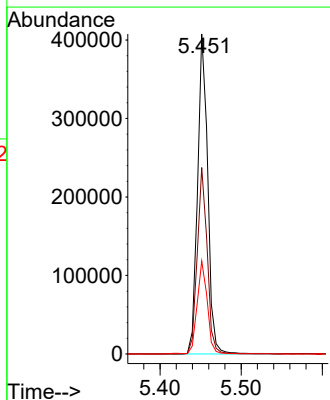
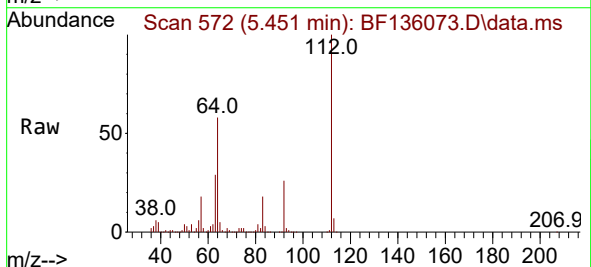
Instrument :
BNA_F
ClientSampleId :
291

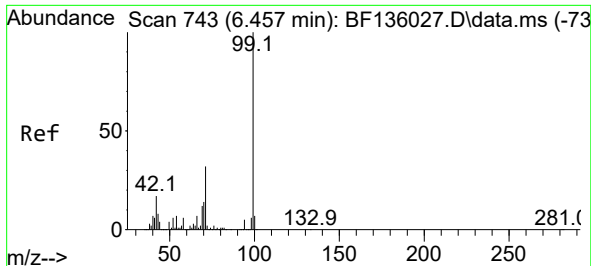
Tgt Ion:152 Resp: 145807
Ion Ratio Lower Upper
152 100
150 155.0 126.4 189.6
115 62.4 47.0 70.4



#5
2-Fluorophenol
Concen: 38.353 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.000 min
Lab File: BF136073.D
Acq: 01 Nov 2023 13:26

Tgt Ion:112 Resp: 355869
Ion Ratio Lower Upper
112 100
64 58.3 43.9 65.9
63 29.1 22.4 33.6

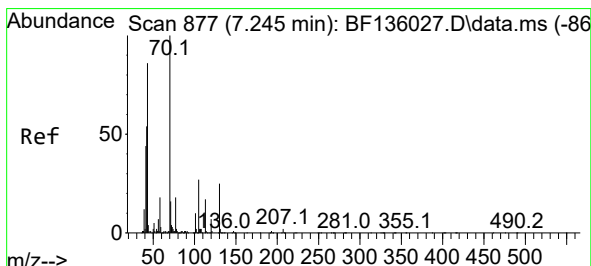
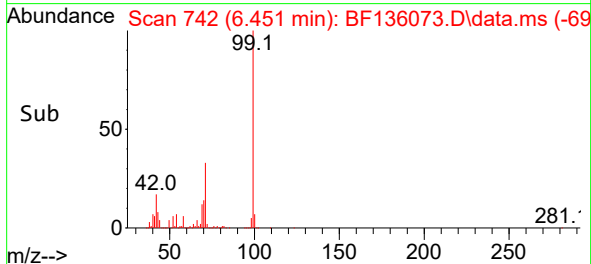
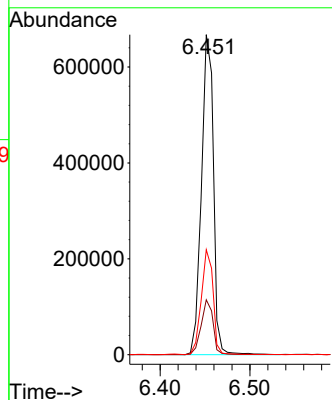
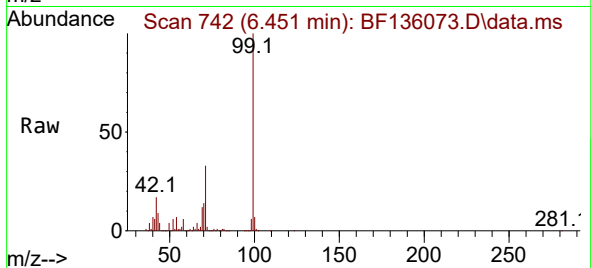




#7
Phenol-d6
Concen: 53.591 ng
RT: 6.451 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF136073.D
Acq: 01 Nov 2023 13:26

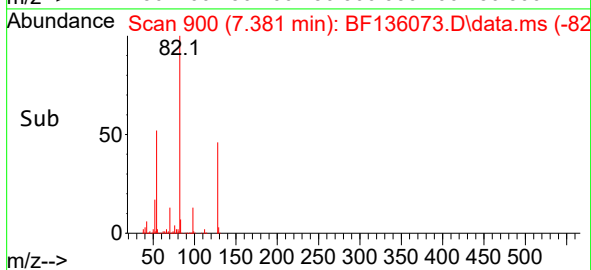
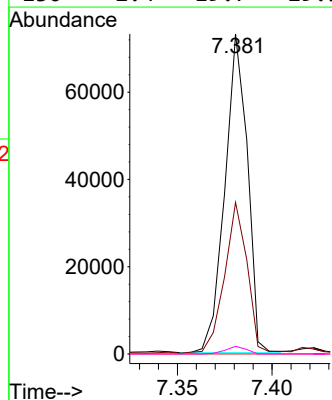
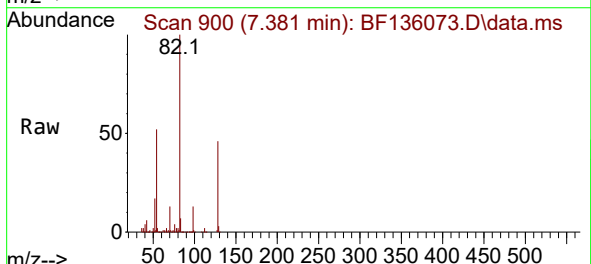
Instrument :
BNA_F
ClientSampleId :
291

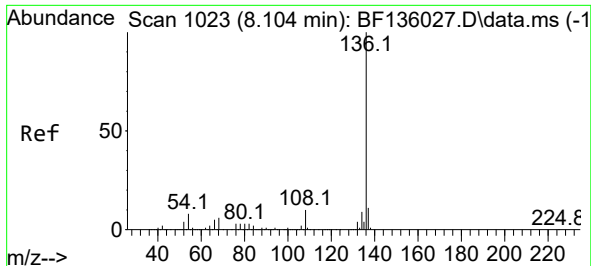
Tgt Ion: 99 Resp: 619558
Ion Ratio Lower Upper
99 100
42 17.2 13.7 20.5
71 32.8 25.9 38.9



#19
n-Nitroso-di-n-propylamine
Concen: 9.134 ng
RT: 7.381 min Scan# 900
Delta R.T. 0.136 min
Lab File: BF136073.D
Acq: 01 Nov 2023 13:26

Tgt Ion: 70 Resp: 60333
Ion Ratio Lower Upper
70 100
42 47.4 43.0 64.4
101 0.0 8.0 12.0#
130 2.4 19.7 29.5#

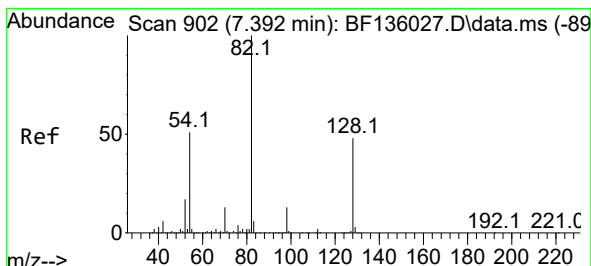
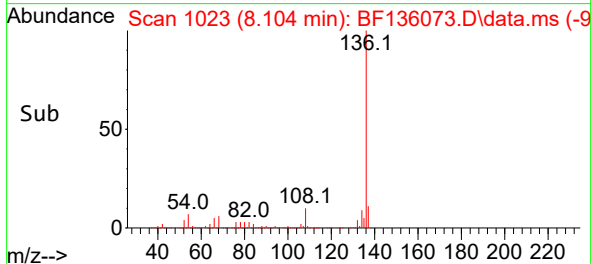
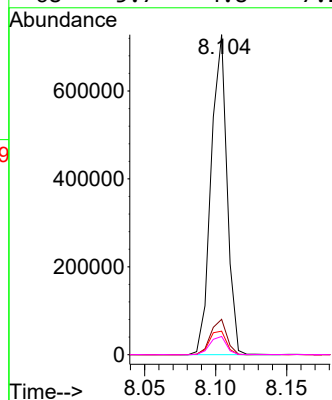
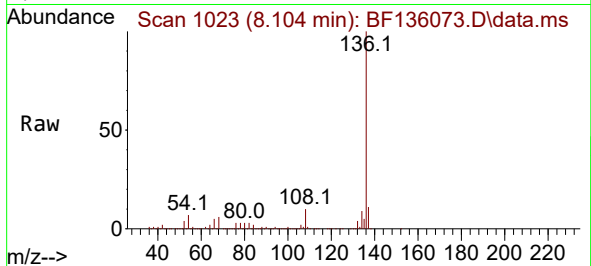




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF136073.D
Acq: 01 Nov 2023 13:26

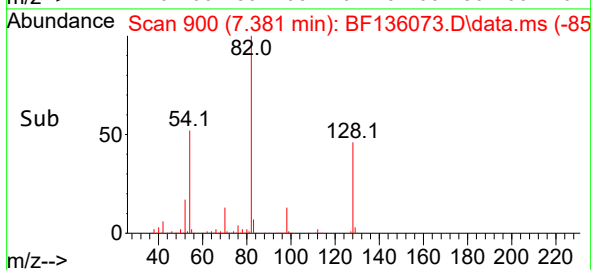
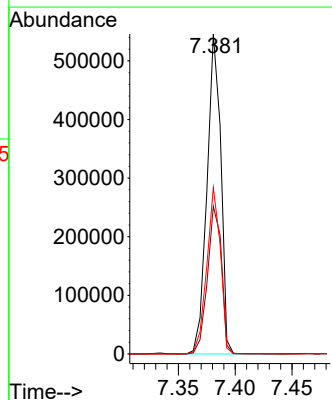
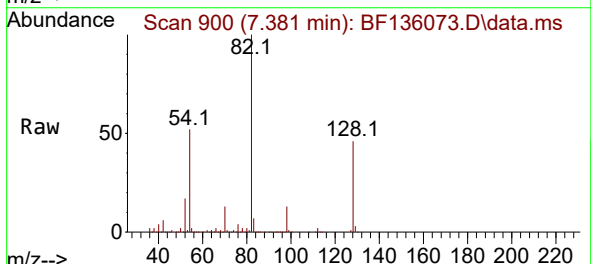
Instrument :
BNA_F
ClientSampleId :
291

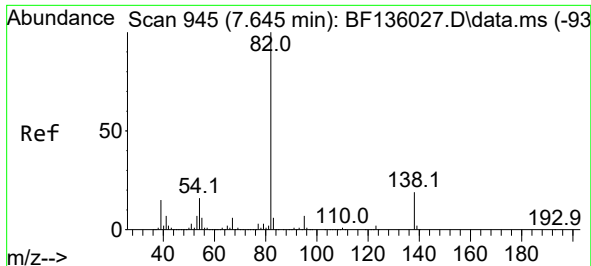
Tgt	Ion:136	Resp:	567686
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	7.4	6.6	9.8
68	5.7	4.8	7.2



#23
Nitrobenzene-d5
Concen: 48.691 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.012 min
Lab File: BF136073.D
Acq: 01 Nov 2023 13:26

Tgt Ion: 82	Resp: 458531
Ion Ratio	Lower Upper
82 100	
128 46.2	38.6 57.8
54 52.0	40.8 61.2

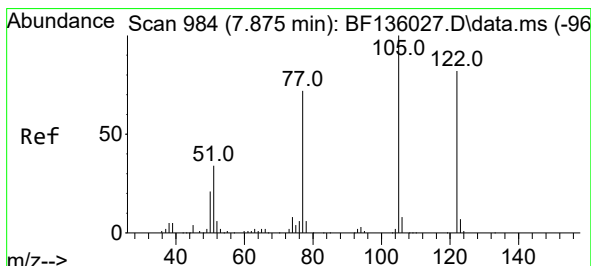
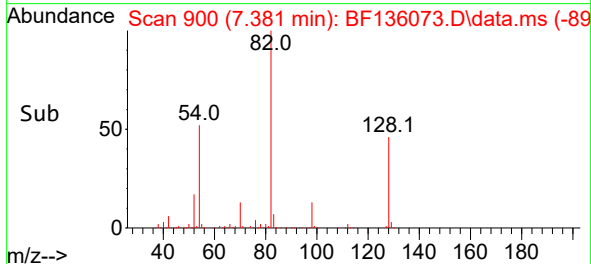
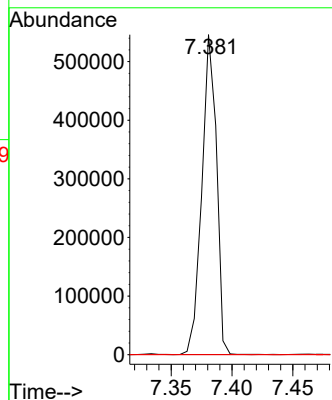
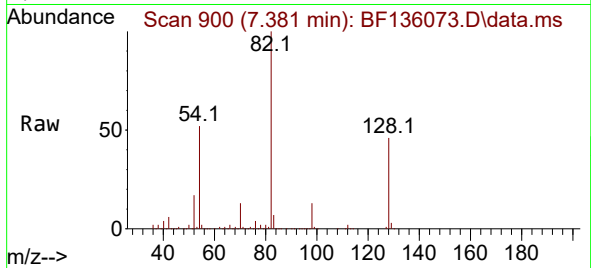




#25
Isophorone
Concen: 25.756 ng
RT: 7.381 min Scan# 901
Delta R.T. -0.264 min
Lab File: BF136073.D
Acq: 01 Nov 2023 13:26

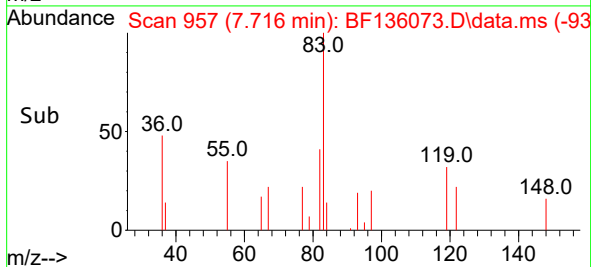
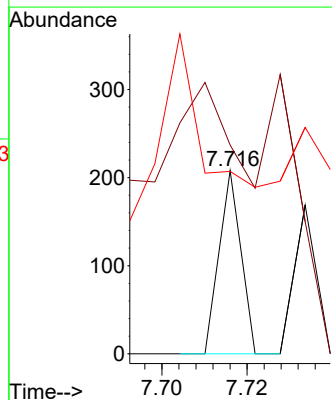
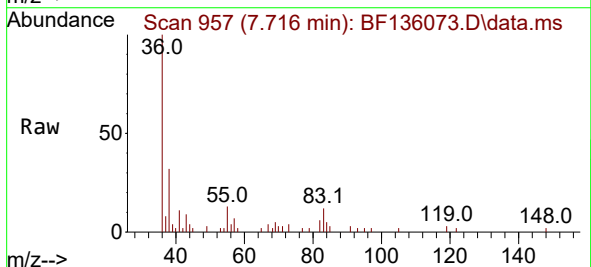
Instrument :
BNA_F
ClientSampleId :
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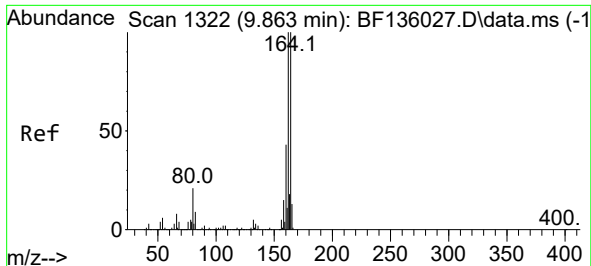
Tgt Ion: 82 Resp: 457893
Ion Ratio Lower Upper
82 100
95 0.1 5.9 8.9#
138 0.0 15.3 22.9#



#32
Benzoic acid
Concen: 5.124 ng
RT: 7.716 min Scan# 957
Delta R.T. -0.159 min
Lab File: BF136073.D
Acq: 01 Nov 2023 13:26

Tgt Ion:122 Resp: 73
Ion Ratio Lower Upper
122 100
105 113.9 99.5 139.5
77 99.5 66.8 106.8

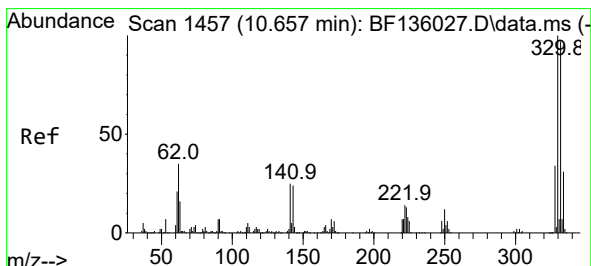
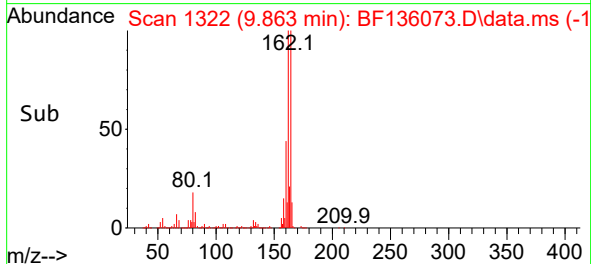
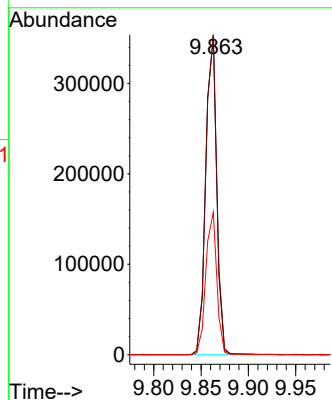
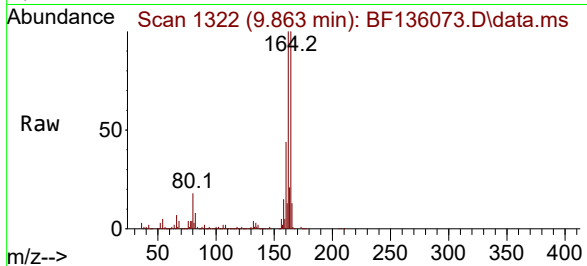




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF136073.D
Acq: 01 Nov 2023 13:26

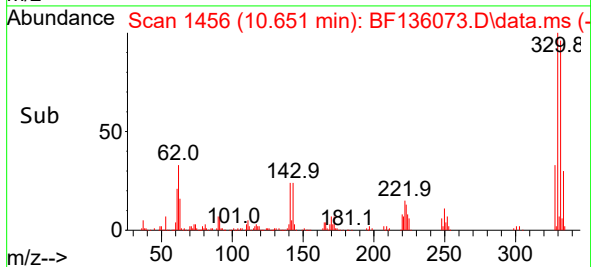
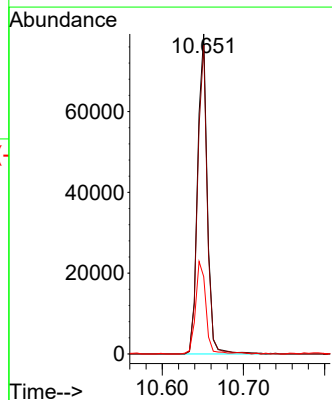
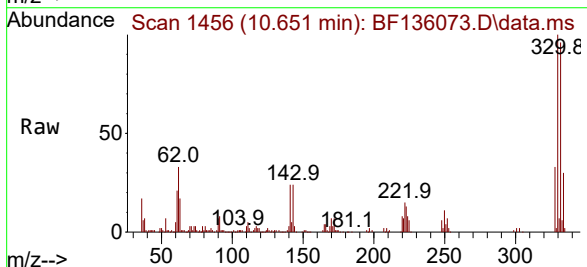
Instrument :
BNA_F
ClientSampleId :
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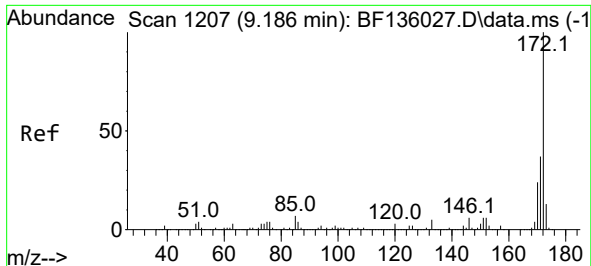
Tgt Ion:164 Resp: 282804
Ion Ratio Lower Upper
164 100
162 100.5 80.1 120.1
160 44.7 34.8 52.2



#42
2,4,6-Tribromophenol
Concen: 21.830 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.006 min
Lab File: BF136073.D
Acq: 01 Nov 2023 13:26

Tgt Ion:330 Resp: 65896
Ion Ratio Lower Upper
330 100
332 95.5 76.9 115.3
141 30.5 23.2 34.8





#45

2-Fluorobiphenyl

Concen: 50.602 ng

RT: 9.181 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136073.D

Acq: 01 Nov 2023 13:26

Instrument :

BNA_F

ClientSampleId :

291

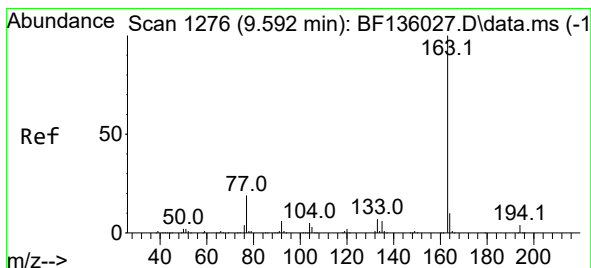
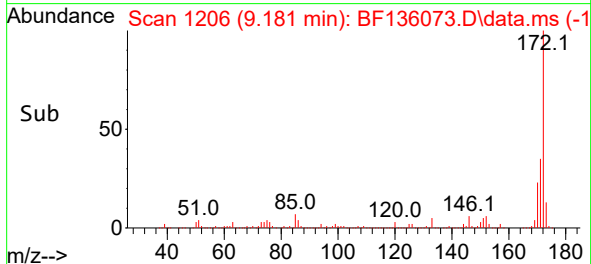
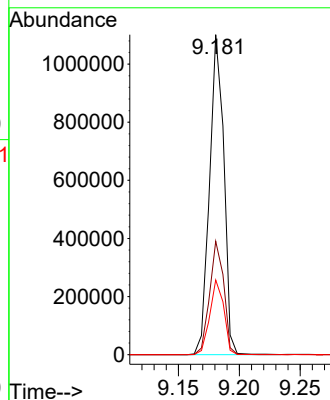
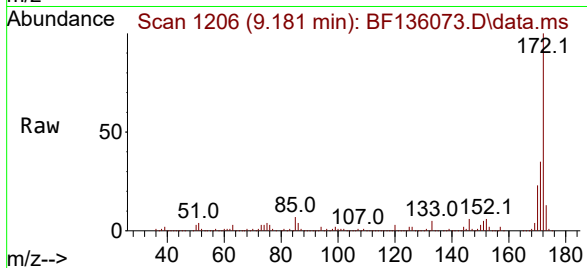
Tgt Ion:172 Resp: 897706

Ion Ratio Lower Upper

172 100

171 35.5 29.4 44.0

170 23.4 19.3 28.9



#50

Dimethylphthalate

Concen: 3.116 ng

RT: 9.863 min Scan# 1322

Delta R.T. 0.271 min

Lab File: BF136073.D

Acq: 01 Nov 2023 13:26

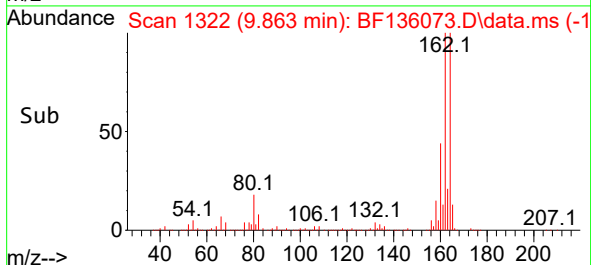
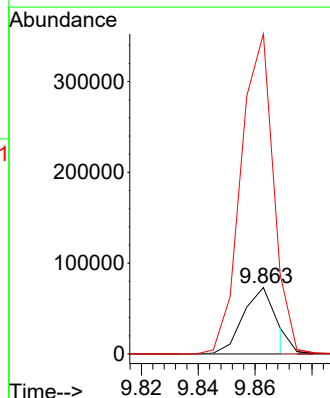
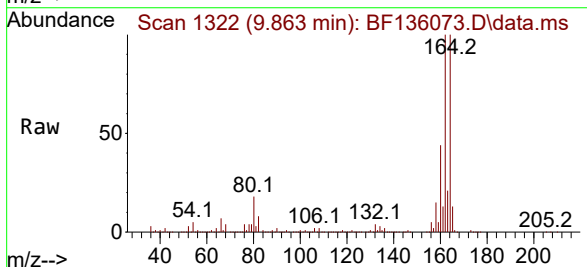
Tgt Ion:163 Resp: 58128

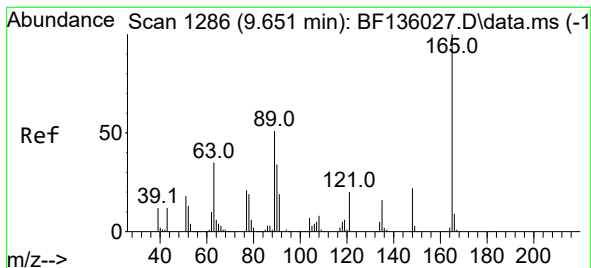
Ion Ratio Lower Upper

163 100

194 0.0 3.2 4.8#

164 482.4 8.1 12.1#





#51

2,6-Dinitrotoluene

Concen: 9.504 ng

RT: 9.863 min Scan# 1322

Delta R.T. 0.212 min

Lab File: BF136073.D

Acq: 01 Nov 2023 13:26

Instrument :

BNA_F

ClientSampleId :

291

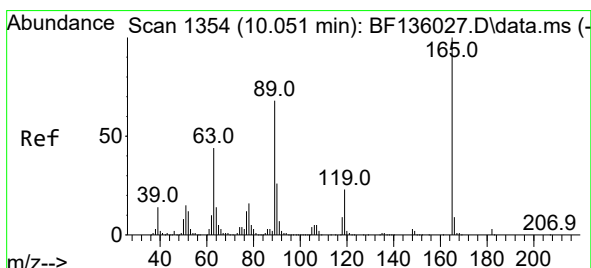
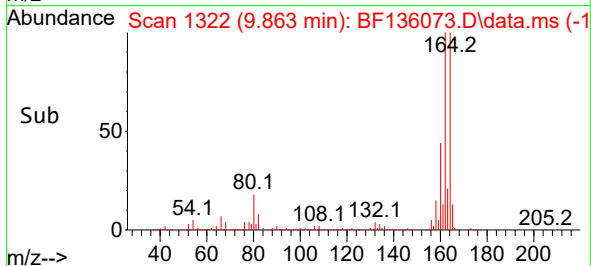
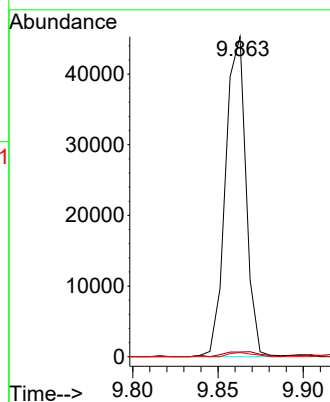
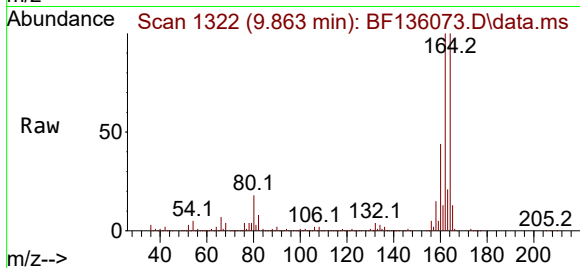
Tgt Ion:165 Resp: 37918

Ion Ratio Lower Upper

165 100

63 1.5 40.8 61.2#

89 1.3 41.1 61.7#



#57

2,4-Dinitrotoluene

Concen: 7.512 ng

RT: 9.863 min Scan# 1322

Delta R.T. -0.188 min

Lab File: BF136073.D

Acq: 01 Nov 2023 13:26

Tgt Ion:165 Resp: 37918

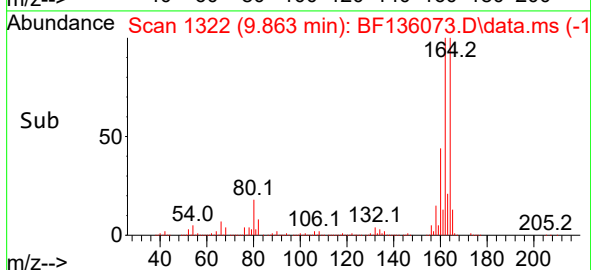
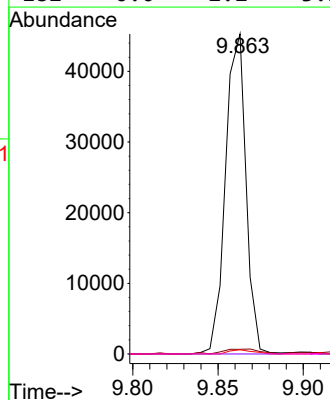
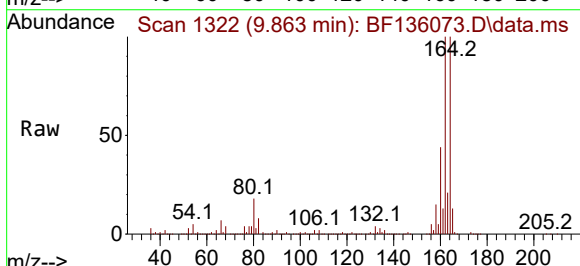
Ion Ratio Lower Upper

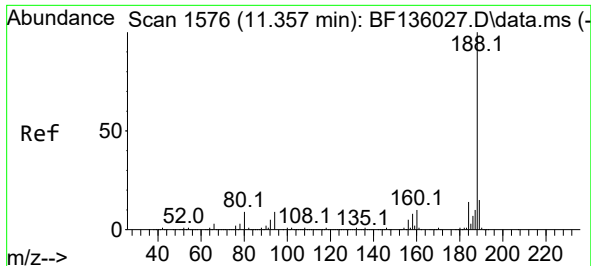
165 100

63 1.5 35.2 52.8#

89 1.3 54.8 82.2#

182 0.0 2.2 3.2#

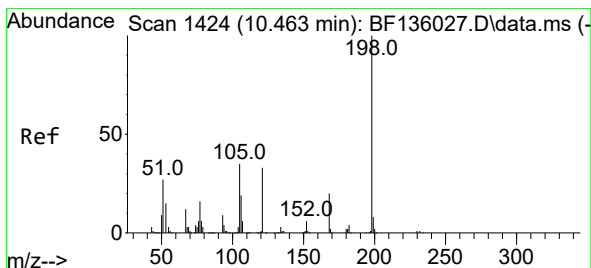
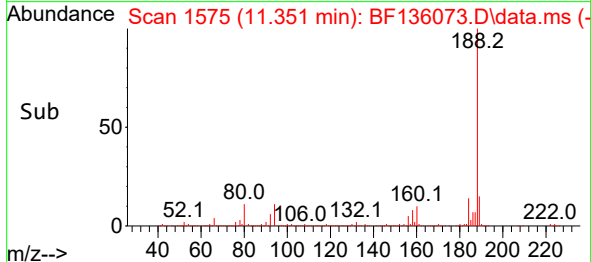
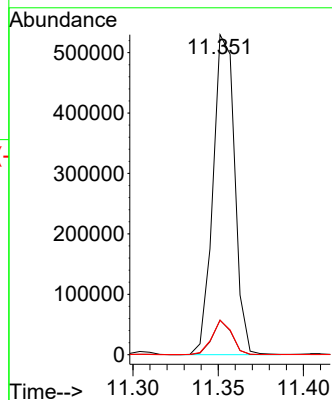
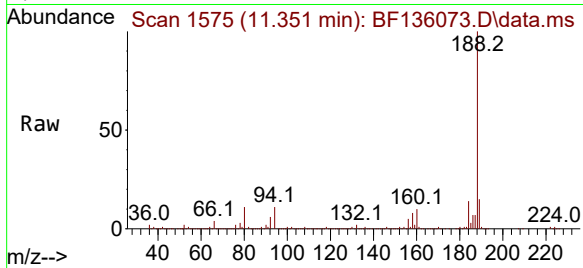




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136073.D
Acq: 01 Nov 2023 13:26

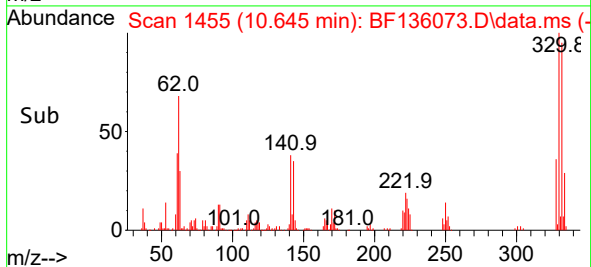
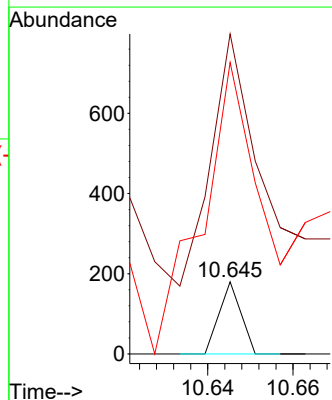
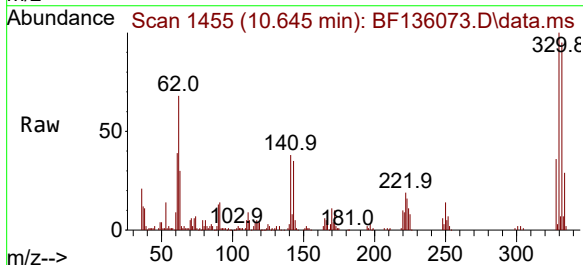
Instrument :
BNA_F
ClientSampleId :
291

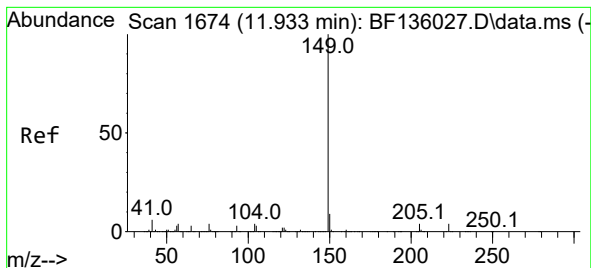
Tgt Ion:188 Resp: 469033
Ion Ratio Lower Upper
188 100
94 10.8 7.2 10.8
80 10.7 7.4 11.0



#65
4,6-Dinitro-2-methylphenol
Concen: 5.812 ng
RT: 10.645 min Scan# 1455
Delta R.T. 0.182 min
Lab File: BF136073.D
Acq: 01 Nov 2023 13:26

Tgt Ion:198 Resp: 63
Ion Ratio Lower Upper
198 100
51 443.3 12.9 52.9#
105 403.9 16.0 56.0#





#74

Di-n-butylphthalate

Concen: 7.424 ng

RT: 11.933 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF136073.D

Acq: 01 Nov 2023 13:26

Instrument :

BNA_F

ClientSampleId :

291

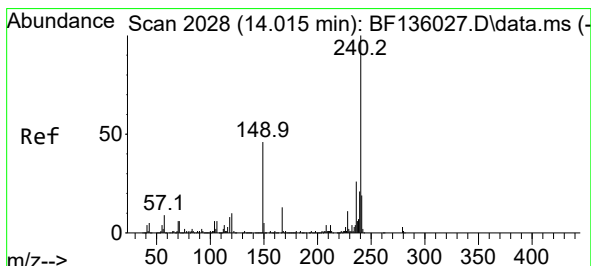
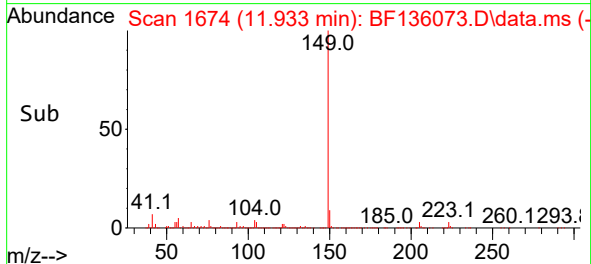
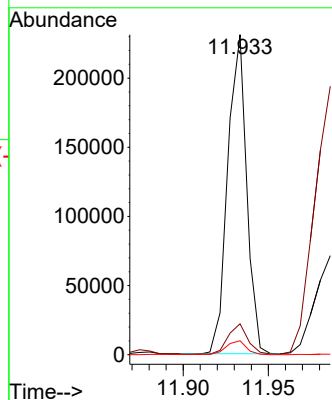
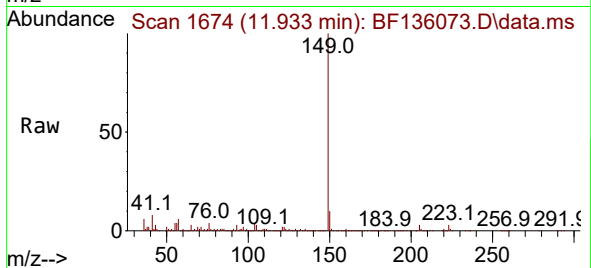
Tgt Ion:149 Resp: 178389

Ion Ratio Lower Upper

149 100

150 9.7 7.3 10.9

104 4.4 3.6 5.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.016 min Scan# 2028

Delta R.T. 0.000 min

Lab File: BF136073.D

Acq: 01 Nov 2023 13:26

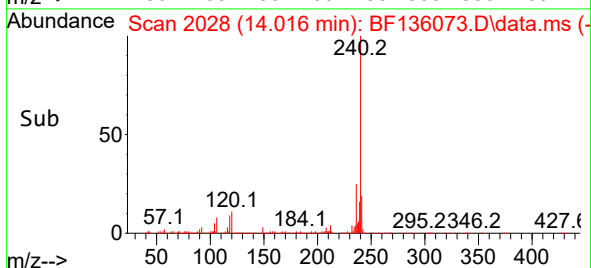
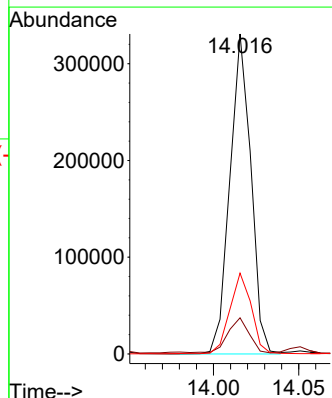
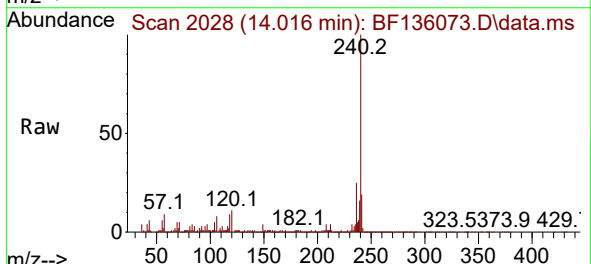
Tgt Ion:240 Resp: 283892

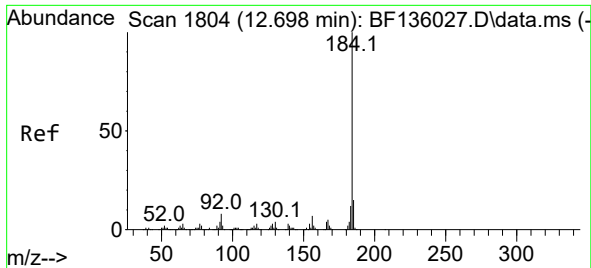
Ion Ratio Lower Upper

240 100

120 11.3 7.6 11.4

236 25.2 20.6 31.0

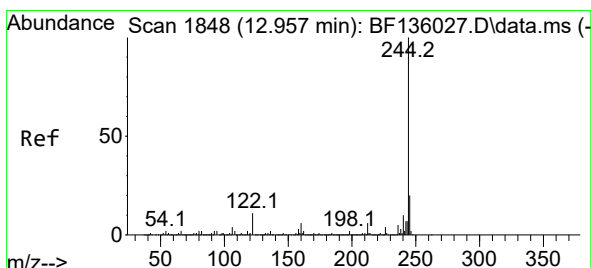
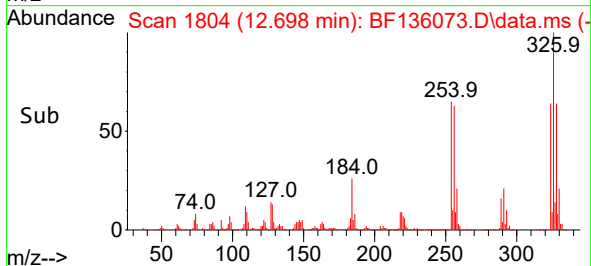
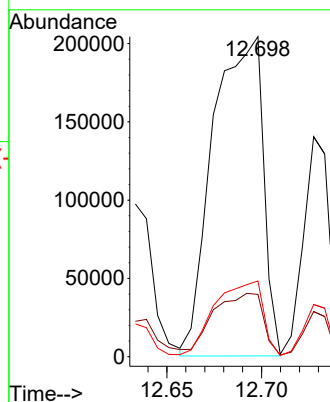
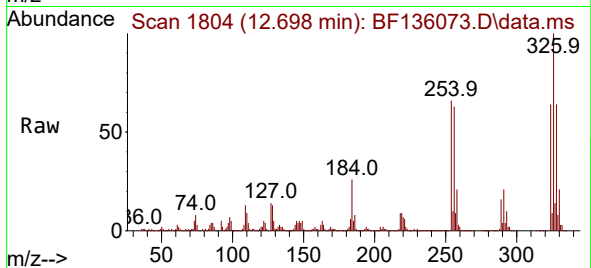




#77
Benzidine
Concen: 67.739 ng
RT: 12.698 min Scan# 1804
Delta R.T. 0.000 min
Lab File: BF136073.D
Acq: 01 Nov 2023 13:26

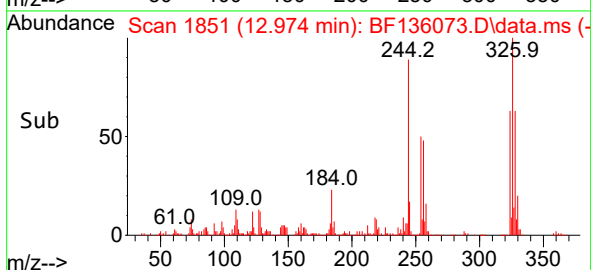
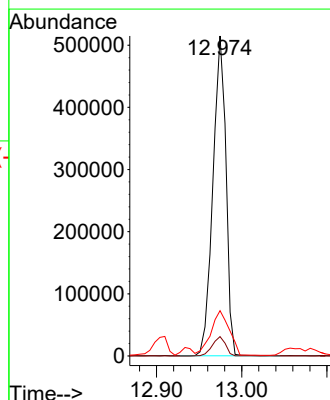
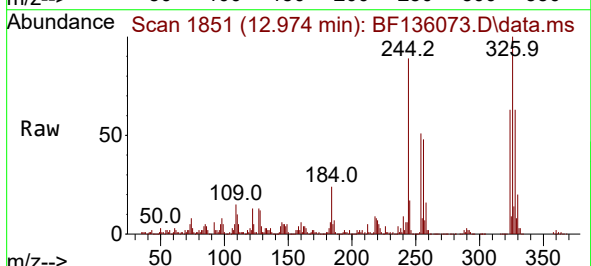
Instrument :
BNA_F
ClientSampleId :
291

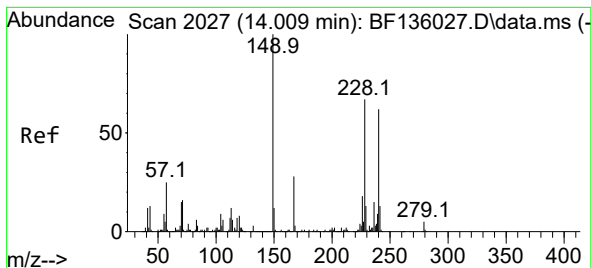
Tgt Ion:184 Resp: 374817
Ion Ratio Lower Upper
184 100
185 19.4 11.8 17.8#
183 23.6 9.5 14.3#



#79
Terphenyl-d14
Concen: 29.916 ng
RT: 12.974 min Scan# 1851
Delta R.T. 0.018 min
Lab File: BF136073.D
Acq: 01 Nov 2023 13:26

Tgt Ion:244 Resp: 546511
Ion Ratio Lower Upper
244 100
212 6.1 5.1 7.7
122 14.2 8.6 12.8#

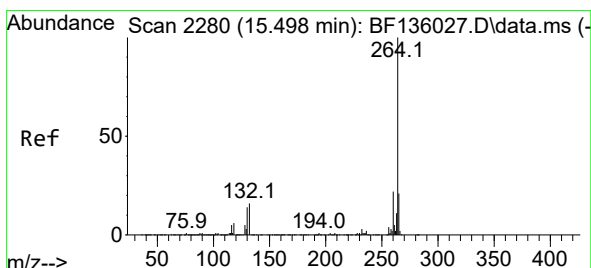
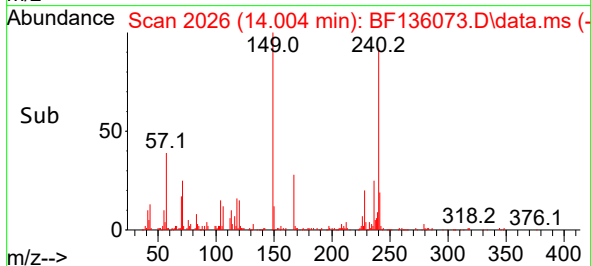
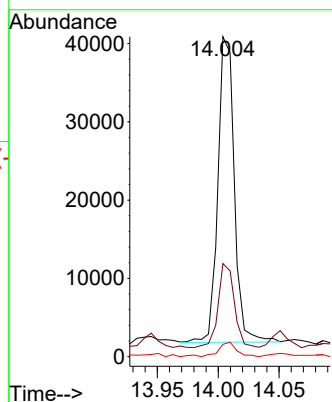
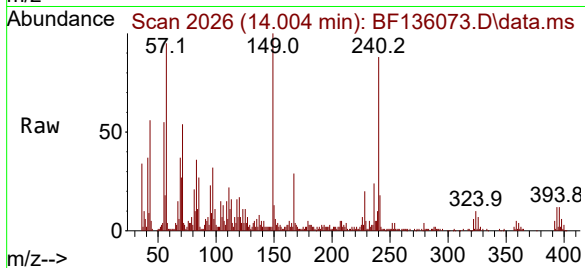




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.514 ng
 RT: 14.004 min Scan# 2027
 Delta R.T. -0.006 min
 Lab File: BF136073.D
 Acq: 01 Nov 2023 13:26

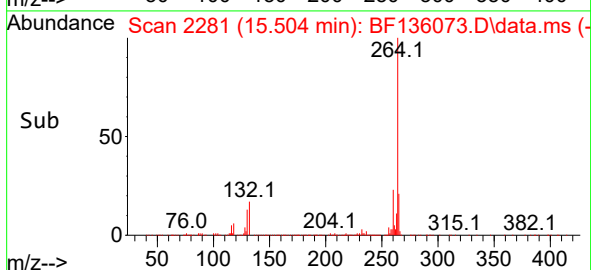
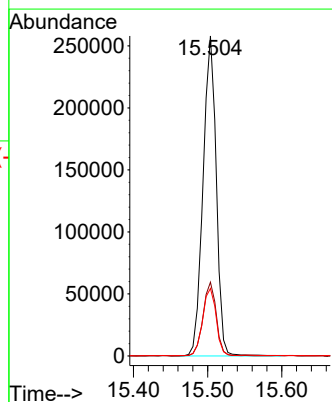
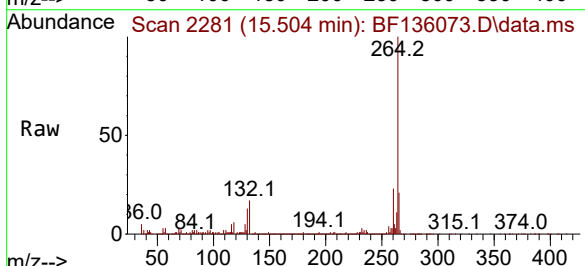
Instrument :
 BNA_F
 ClientSampleId :
 291

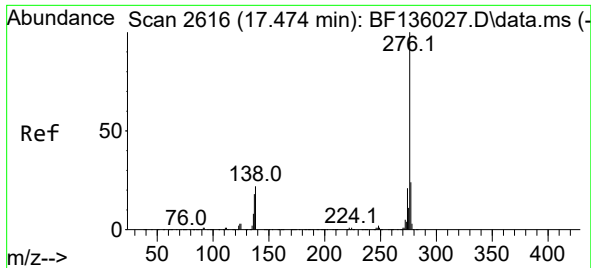
Tgt Ion:149 Resp: 36676
 Ion Ratio Lower Upper
 149 100
 167 29.1 22.6 33.8
 279 3.9 4.1 6.1#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.504 min Scan# 2281
 Delta R.T. 0.006 min
 Lab File: BF136073.D
 Acq: 01 Nov 2023 13:26

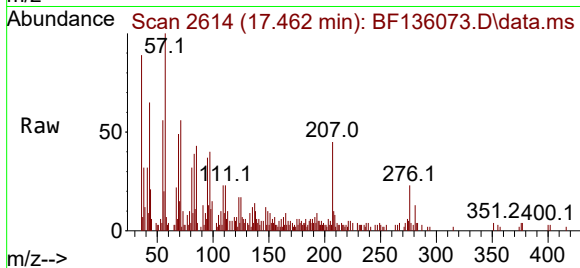
Tgt Ion:264 Resp: 320014
 Ion Ratio Lower Upper
 264 100
 260 23.1 17.9 26.9
 265 21.1 16.8 25.2





#92
 Benzo(g,h,i)perylene
 Concen: 3.074 ng
 RT: 17.462 min Scan# 2091
 Delta R.T. -0.012 min
 Lab File: BF136073.D
 Acq: 01 Nov 2023 13:26

Instrument :
 BNA_F
 ClientSampleId :
 291



Tgt Ion:	276	Resp:	3712
Ion	Ratio	Lower	Upper
276	100		
277	19.0	19.0	28.4
138	41.9	17.4	26.2#

