

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102723\
 Data File : BF135979.D
 Acq On : 27 Oct 2023 12:16
 Operator : CG\JU
 Sample : PB156392BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156392BL

Quant Time: Oct 27 22:29:20 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 26 03:58:01 2023
 Response via : Initial Calibration

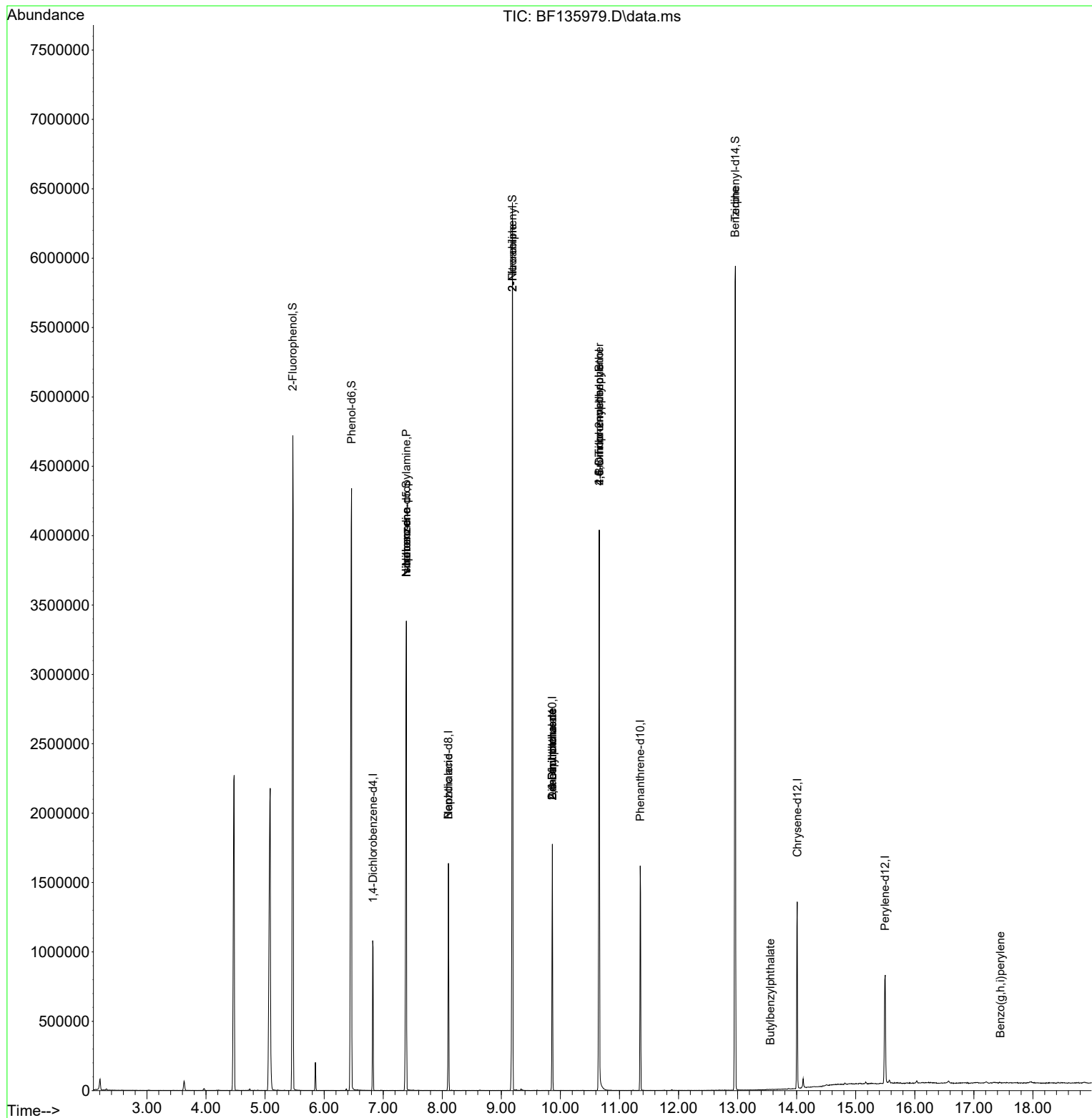
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	162370	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	638277	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	316061	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	585564	20.000	ng	0.00
76) Chrysene-d12	14.010	240	450412	20.000	ng	0.00
86) Perylene-d12	15.498	264	371642	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1635592	155.548	ng	0.02
7) Phenol-d6	6.463	99	2015954	153.997	ng	0.00
23) Nitrobenzene-d5	7.393	82	1154234	113.118	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	545415	197.152	ng	0.00
45) 2-Fluorobiphenyl	9.187	172	2047962	103.755	ng	0.00
79) Terphenyl-d14	12.963	244	2524721	93.653	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.393	70	150908	20.272	ng	# 76
24) Nitrobenzene	7.393	77	3742	2.917	ng	# 34
25) Isophorone	7.393	82	1152436	57.121	ng	# 64
32) Benzoic acid	8.104	122	58	5.732	ng	# 1
48) 2-Nitroaniline	9.187	65	3338	4.941	ng	# 2
50) Dimethylphthalate	9.863	163	65964	3.218	ng	# 1
51) 2,6-Dinitrotoluene	9.863	165	41477	13.634	ng	# 21
57) 2,4-Dinitrotoluene	9.863	165	41477	12.756	ng	# 26
65) 4,6-Dinitro-2-methylph...	10.657	198	1076	7.639	ng	# 1
67) 4-Bromophenyl-phenylether	10.657	248	32315	5.389	ng	# 1
77) Benzidine	12.957	184	29383	3.383	ng	# 93
80) Butylbenzylphthalate	13.557	149	60	3.831	ng	# 6
92) Benzo(g,h,i)perylene	17.451	276	1086	3.807	ng	# 61

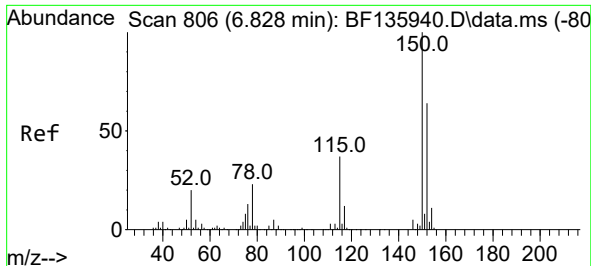
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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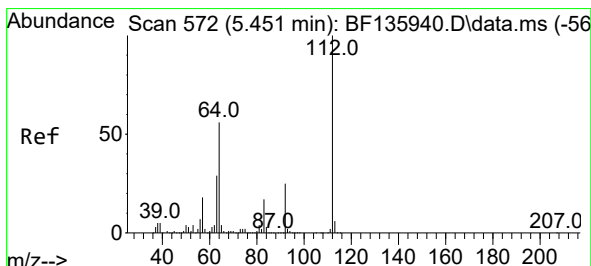
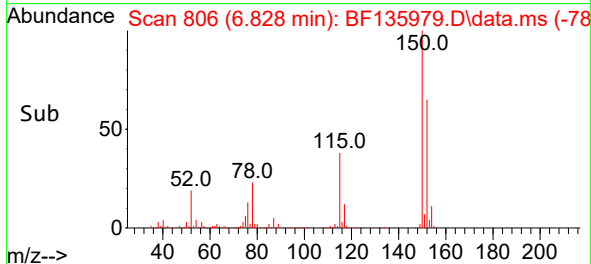
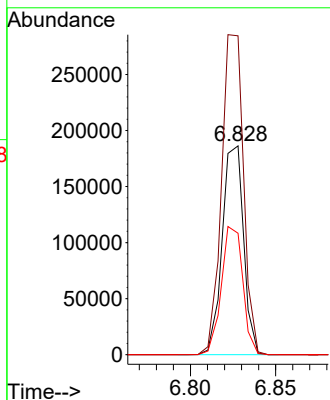
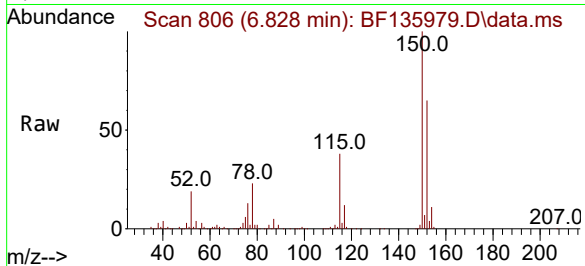




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 806
Delta R.T. -0.000 min
Lab File: BF135979.D
Acq: 27 Oct 2023 12:16

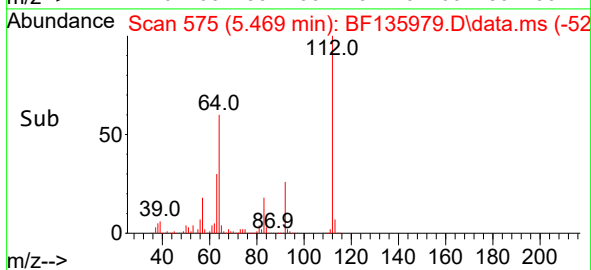
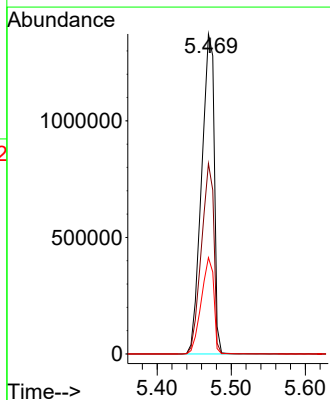
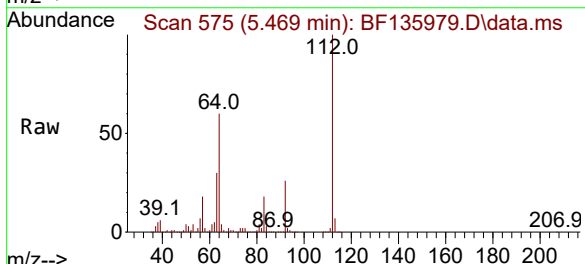
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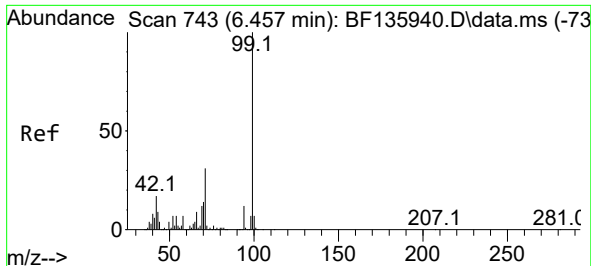
Tgt Ion:152 Resp: 162370
Ion Ratio Lower Upper
152 100
150 152.7 124.6 186.8
115 58.1 46.6 69.8



#5
2-Fluorophenol
Concen: 155.548 ng
RT: 5.469 min Scan# 575
Delta R.T. 0.018 min
Lab File: BF135979.D
Acq: 27 Oct 2023 12:16

Tgt Ion:112 Resp: 1635592
Ion Ratio Lower Upper
112 100
64 59.5 45.1 67.7
63 30.1 23.0 34.4

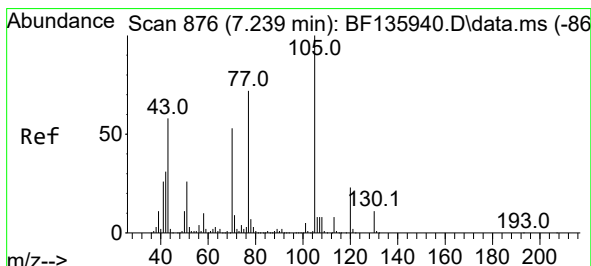
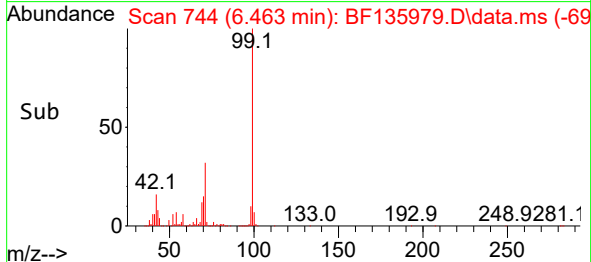
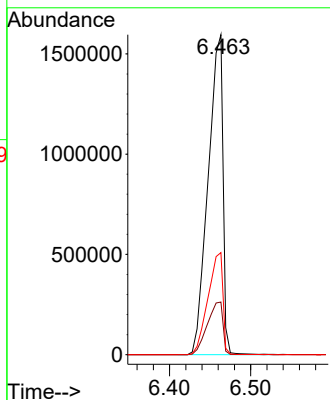
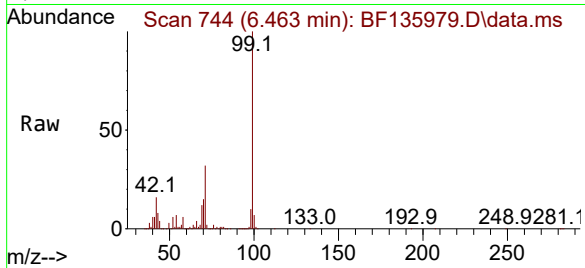




#7
Phenol-d6
Concen: 153.997 ng
RT: 6.463 min Scan# 74
Delta R.T. 0.006 min
Lab File: BF135979.D
Acq: 27 Oct 2023 12:16

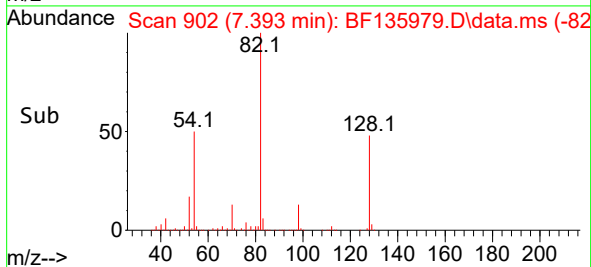
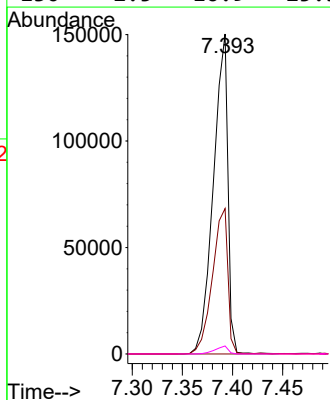
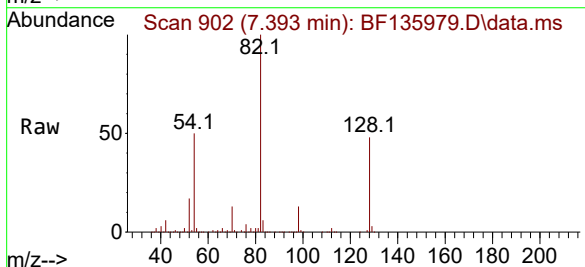
Instrument :
BNA_F
ClientSampleId :
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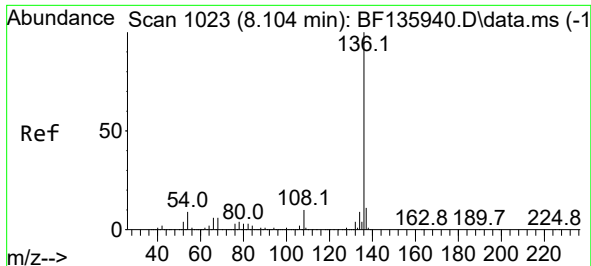
Tgt Ion: 99 Resp: 2015954
Ion Ratio Lower Upper
99 100
42 16.5 13.8 20.8
71 31.9 25.1 37.7



#19
n-Nitroso-di-n-propylamine
Concen: 20.272 ng
RT: 7.393 min Scan# 902
Delta R.T. 0.153 min
Lab File: BF135979.D
Acq: 27 Oct 2023 12:16

Tgt Ion: 70 Resp: 150908
Ion Ratio Lower Upper
70 100
42 45.5 47.3 70.9#
101 0.0 7.8 11.8#
130 2.5 16.9 25.3#

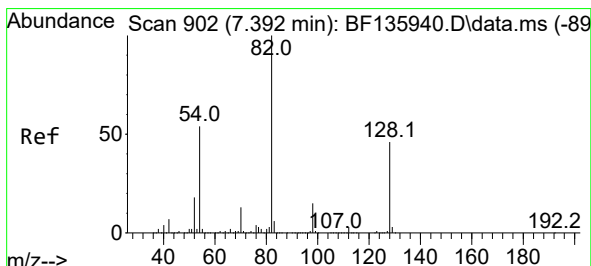
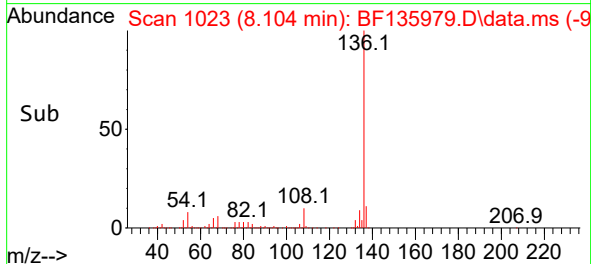
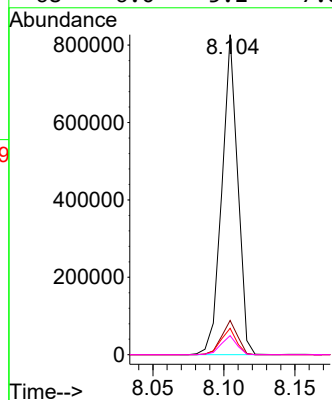
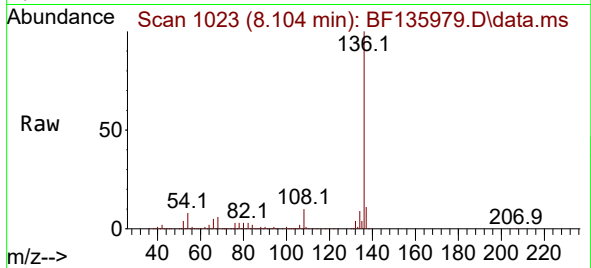




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF135979.D
Acq: 27 Oct 2023 12:16

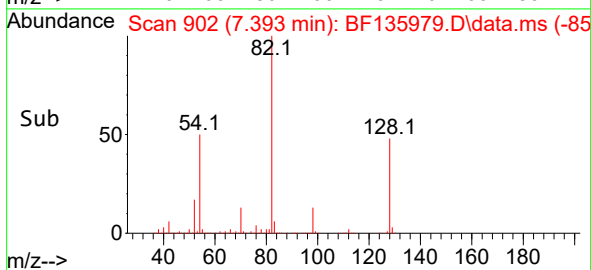
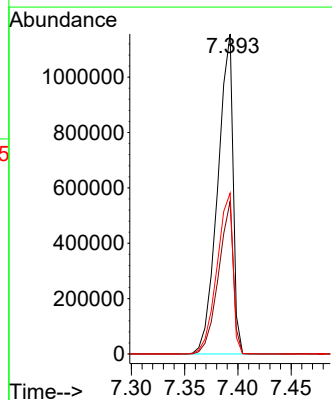
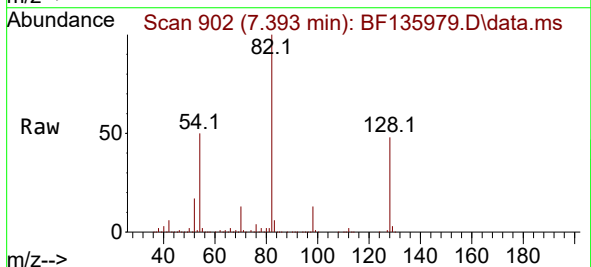
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BNA_F
ClientSampleId :
PB156392BL

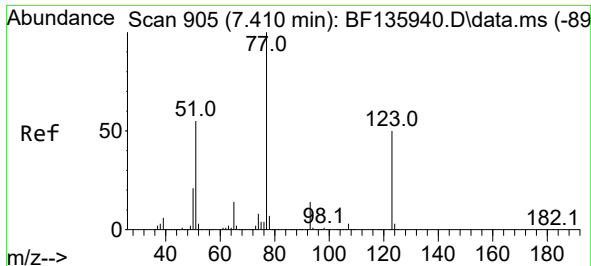
Tgt Ion:136 Resp: 638277
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.6
54 8.3 7.1 10.7
68 6.0 5.2 7.8



#23
Nitrobenzene-d5
Concen: 113.118 ng
RT: 7.393 min Scan# 902
Delta R.T. 0.001 min
Lab File: BF135979.D
Acq: 27 Oct 2023 12:16

Tgt Ion: 82 Resp: 1154234
Ion Ratio Lower Upper
82 100
128 47.7 36.8 55.2
54 50.2 43.4 65.0

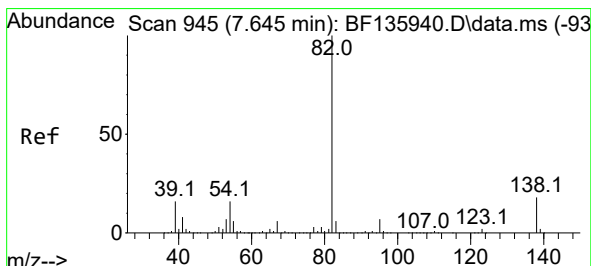
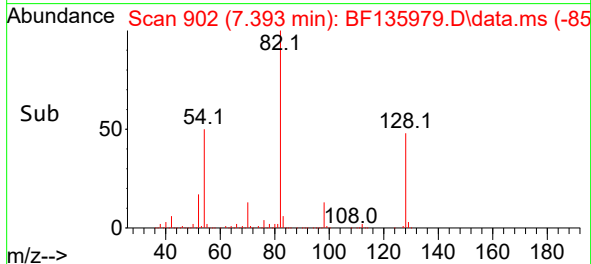
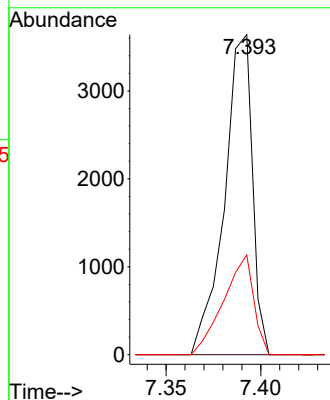
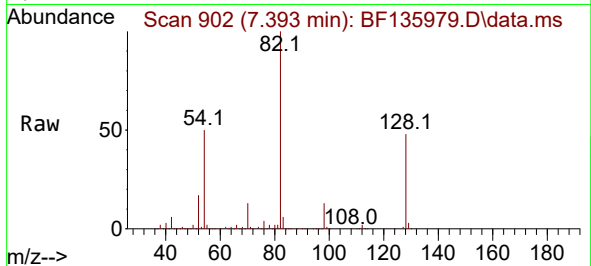




#24
Nitrobenzene
Concen: 2.917 ng
RT: 7.393 min Scan# 902
Delta R.T. -0.017 min
Lab File: BF135979.D
Acq: 27 Oct 2023 12:16

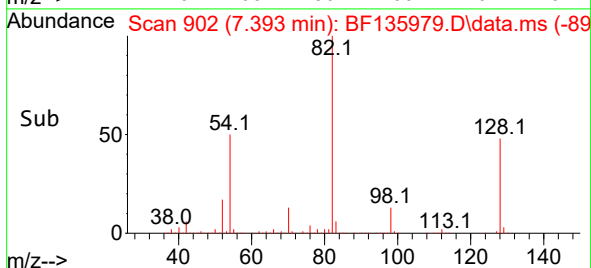
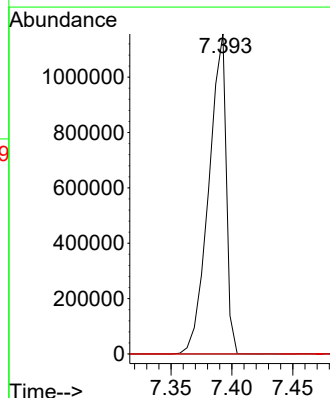
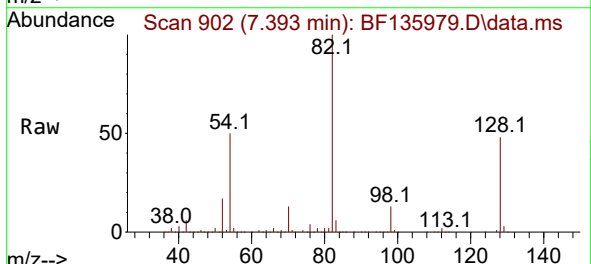
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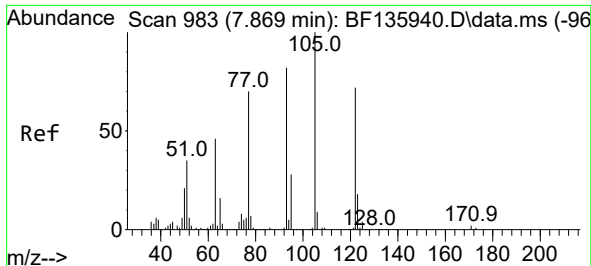
Tgt Ion: 77 Resp: 3742
Ion Ratio Lower Upper
77 100
123 0.0 40.2 60.2#
65 31.2 11.0 16.4#



#25
Isophorone
Concen: 57.121 ng
RT: 7.393 min Scan# 902
Delta R.T. -0.253 min
Lab File: BF135979.D
Acq: 27 Oct 2023 12:16

Tgt Ion: 82 Resp: 1152436
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.8 22.2#

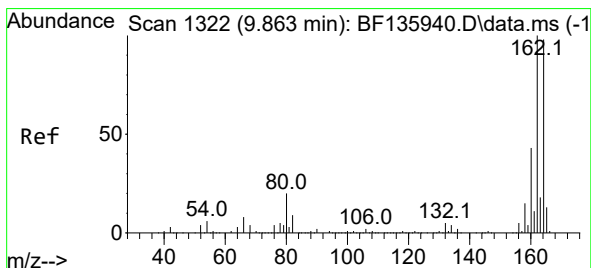
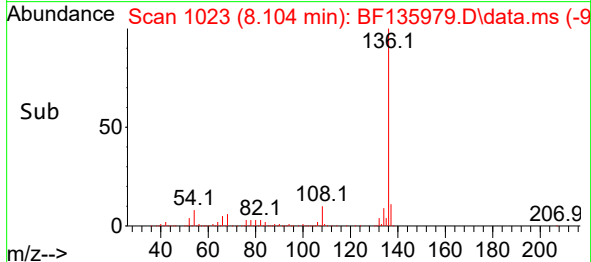
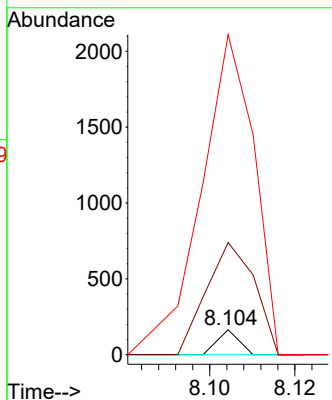
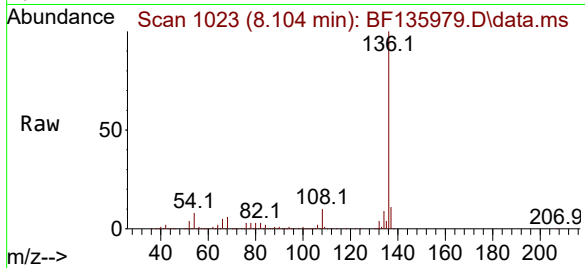




#32
Benzoic acid
Concen: 5.732 ng
RT: 8.104 min Scan# 1023
Delta R.T. 0.235 min
Lab File: BF135979.D
Acq: 27 Oct 2023 12:16

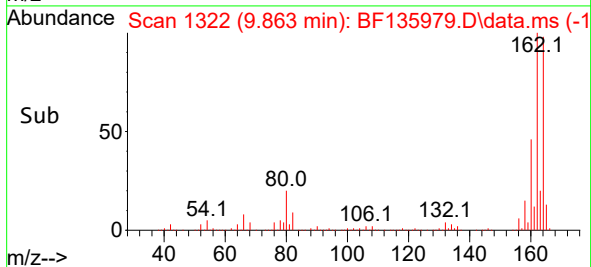
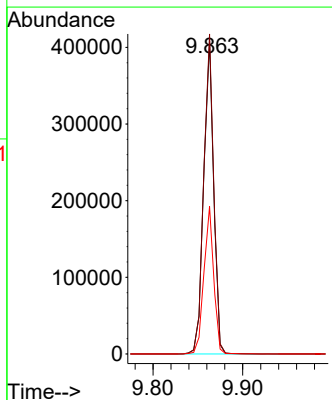
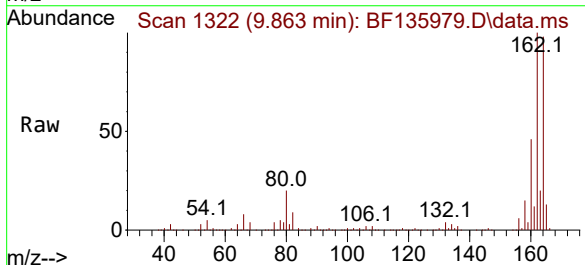
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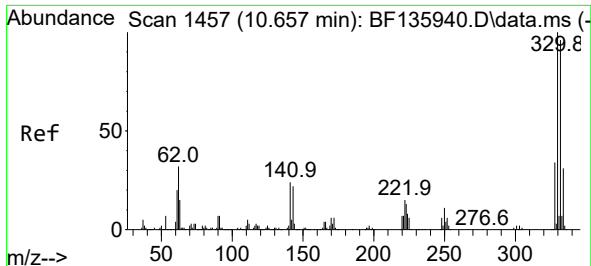
Tgt Ion:122 Resp: 58
Ion Ratio Lower Upper
122 100
105 448.5 113.1 153.1#
77 1278.8 75.2 115.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BF135979.D
Acq: 27 Oct 2023 12:16

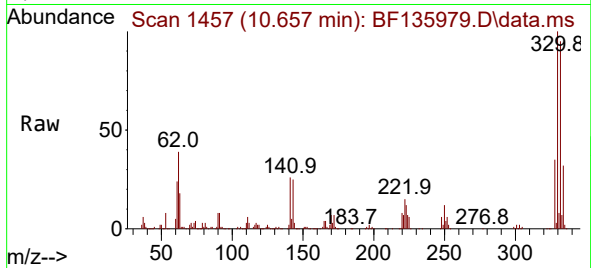
Tgt Ion:164 Resp: 316061
Ion Ratio Lower Upper
164 100
162 102.3 82.0 123.0
160 47.1 35.6 53.4



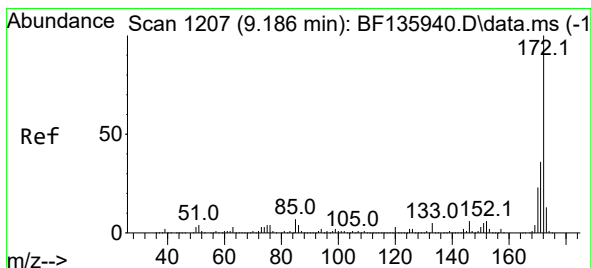
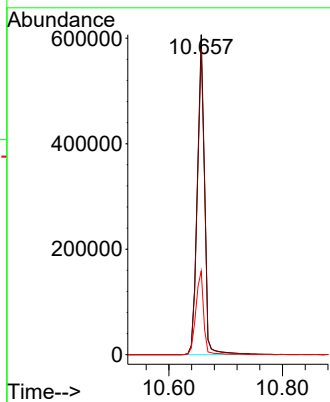
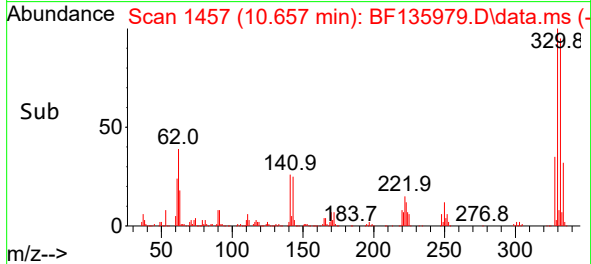


#42
2,4,6-Tribromophenol
Concen: 197.152 ng
RT: 10.657 min Scan# 1457
Delta R.T. 0.000 min
Lab File: BF135979.D
Acq: 27 Oct 2023 12:16

Instrument :
BNA_F
ClientSampleId :
PB156392BL

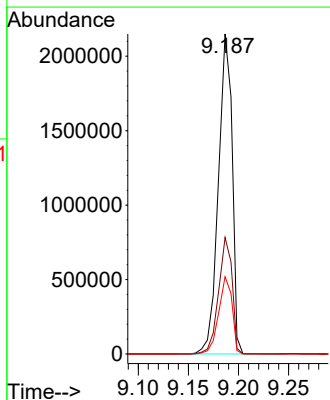
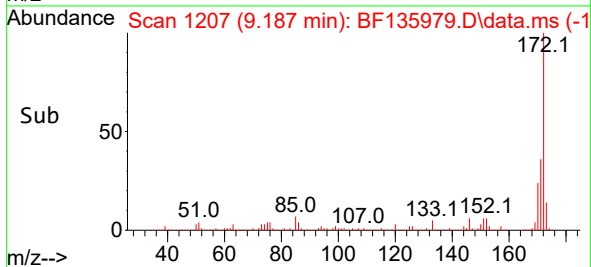
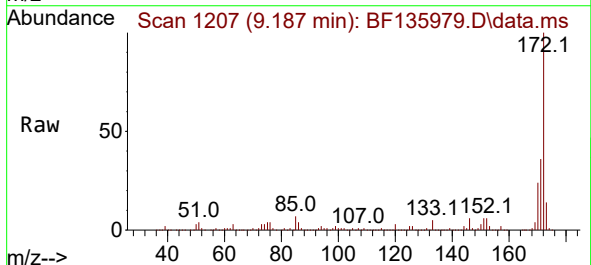


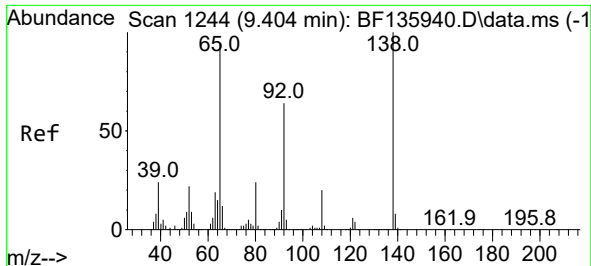
Tgt Ion:330 Resp: 545415
Ion Ratio Lower Upper
330 100
332 96.6 77.4 116.2
141 28.1 24.9 37.3



#45
2-Fluorobiphenyl
Concen: 103.755 ng
RT: 9.187 min Scan# 1207
Delta R.T. 0.000 min
Lab File: BF135979.D
Acq: 27 Oct 2023 12:16

Tgt Ion:172 Resp: 2047962
Ion Ratio Lower Upper
172 100
171 36.4 28.6 43.0
170 24.2 18.6 28.0





#48

2-Nitroaniline

Concen: 4.941 ng

RT: 9.187 min Scan# 11

Delta R.T. -0.217 min

Lab File: BF135979.D

Acq: 27 Oct 2023 12:16

Instrument :

BNA_F

ClientSampleId :

PB156392BL

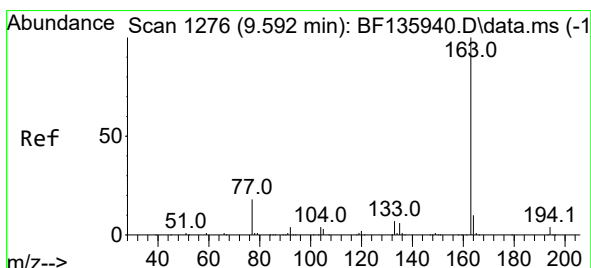
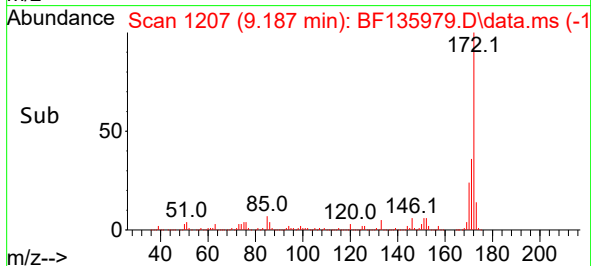
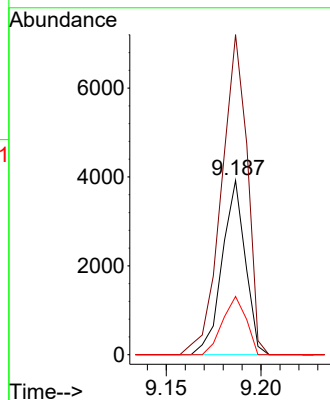
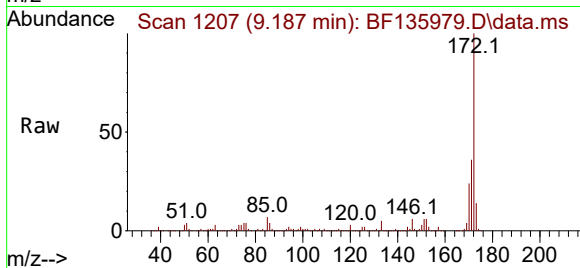
Tgt Ion: 65 Resp: 3338

Ion Ratio Lower Upper

65 100

92 183.6 54.9 82.3#

138 33.4 85.2 127.8#



#50

Dimethylphthalate

Concen: 3.218 ng

RT: 9.863 min Scan# 1322

Delta R.T. 0.271 min

Lab File: BF135979.D

Acq: 27 Oct 2023 12:16

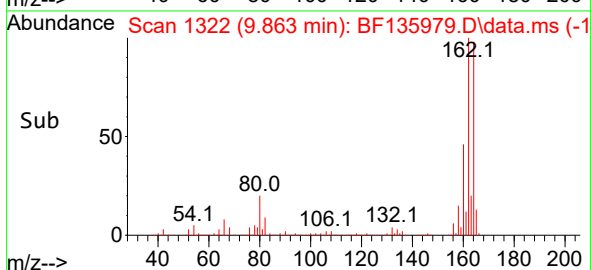
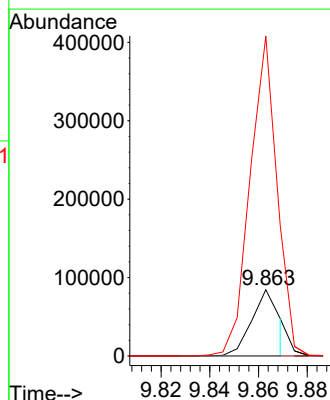
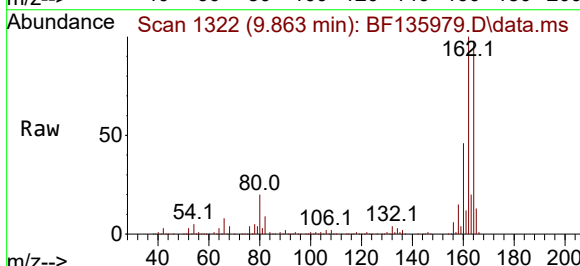
Tgt Ion: 163 Resp: 65964

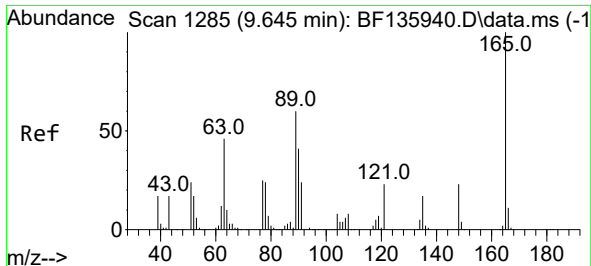
Ion Ratio Lower Upper

163 100

194 0.0 3.4 5.0#

164 483.3 8.3 12.5#

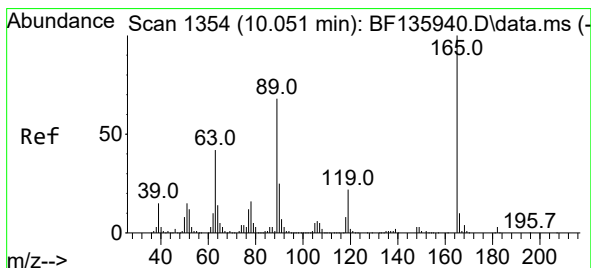
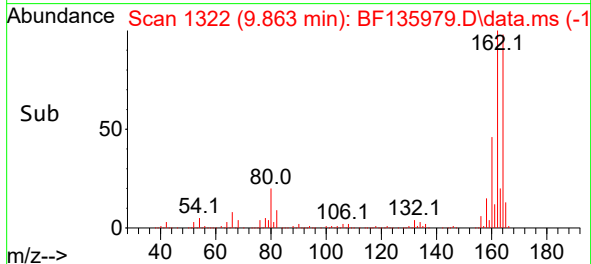
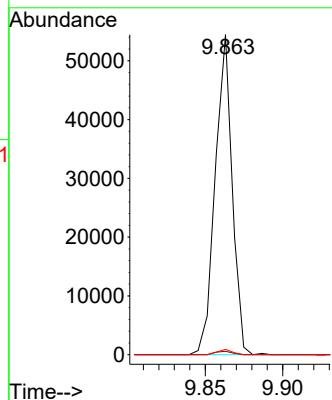
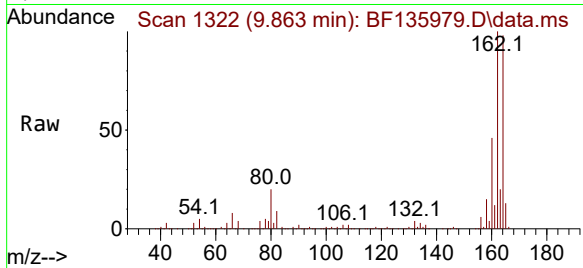




#51
2,6-Dinitrotoluene
Concen: 13.634 ng
RT: 9.863 min Scan# 1322
Delta R.T. 0.218 min
Lab File: BF135979.D
Acq: 27 Oct 2023 12:16

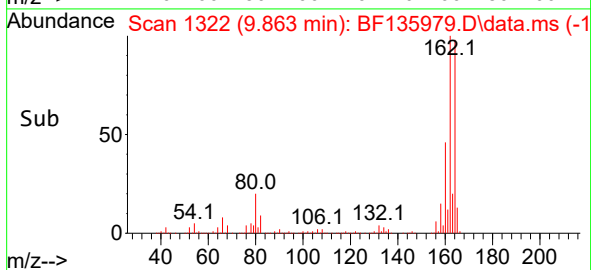
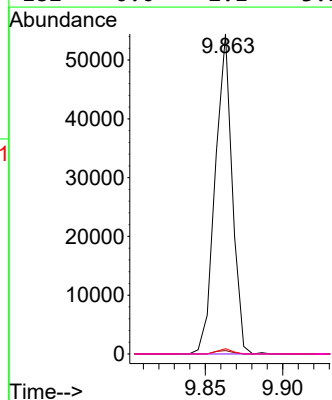
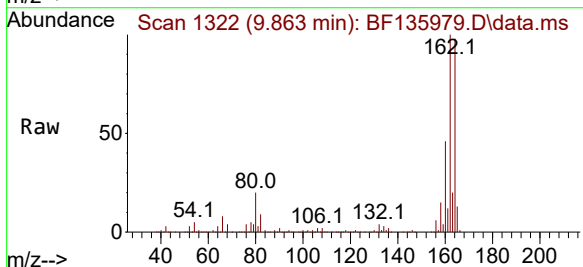
Instrument :
BNA_F
ClientSampleId :
PB156392BL

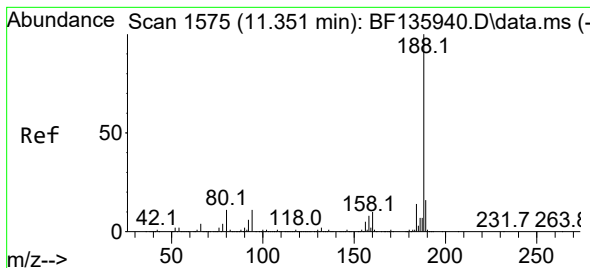
Tgt Ion:165 Resp: 41477
Ion Ratio Lower Upper
165 100
63 1.1 51.7 77.5#
89 1.6 48.3 72.5#



#57
2,4-Dinitrotoluene
Concen: 12.756 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.188 min
Lab File: BF135979.D
Acq: 27 Oct 2023 12:16

Tgt Ion:165 Resp: 41477
Ion Ratio Lower Upper
165 100
63 1.1 33.7 50.5#
89 1.6 54.6 81.8#
182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.351 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF135979.D

Acq: 27 Oct 2023 12:16

Instrument :

BNA_F

ClientSampleId :

PB156392BL

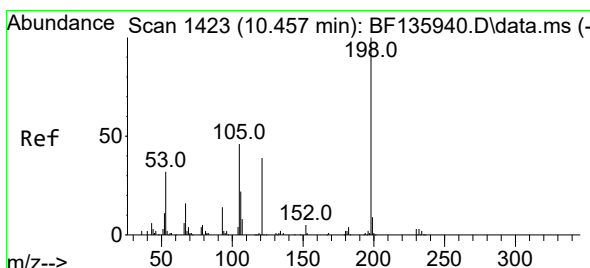
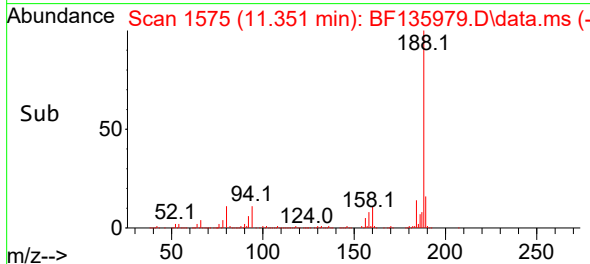
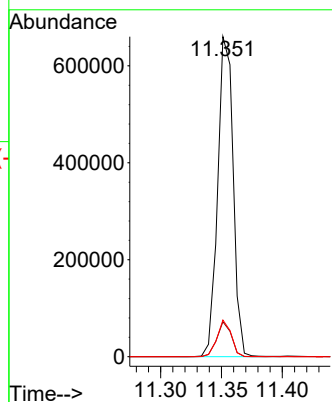
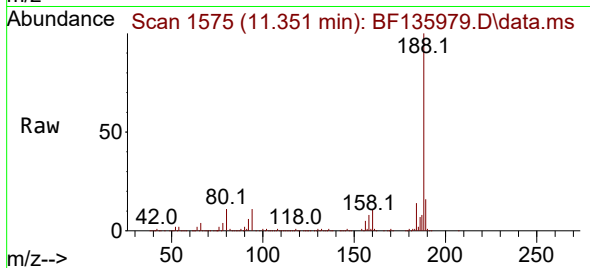
Tgt Ion:188 Resp: 585564

Ion Ratio Lower Upper

188 100

94 10.9 8.6 13.0

80 11.4 9.0 13.6



#65

4,6-Dinitro-2-methylphenol

Concen: 7.639 ng

RT: 10.657 min Scan# 1457

Delta R.T. 0.200 min

Lab File: BF135979.D

Acq: 27 Oct 2023 12:16

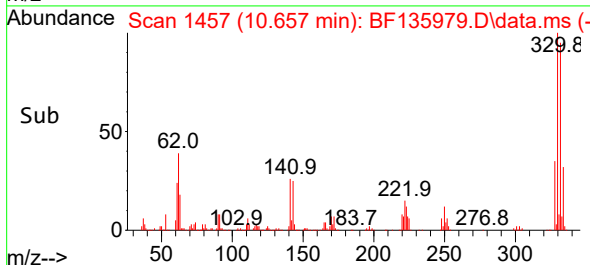
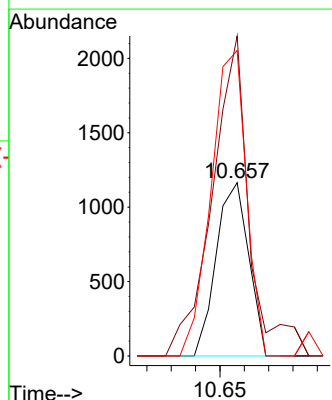
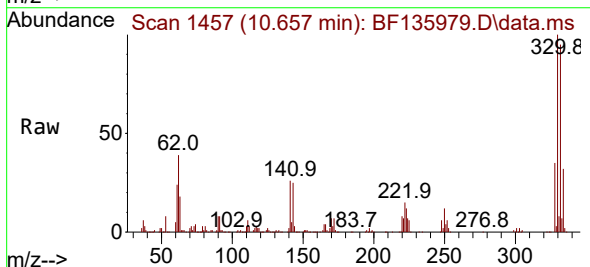
Tgt Ion:198 Resp: 1076

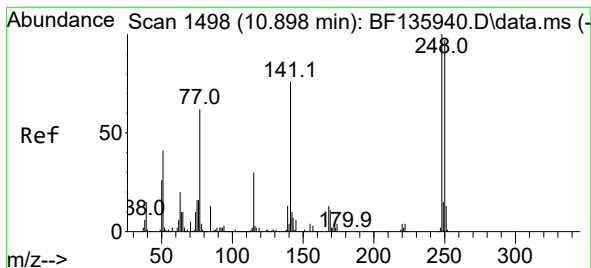
Ion Ratio Lower Upper

198 100

51 184.6 28.7 68.7#

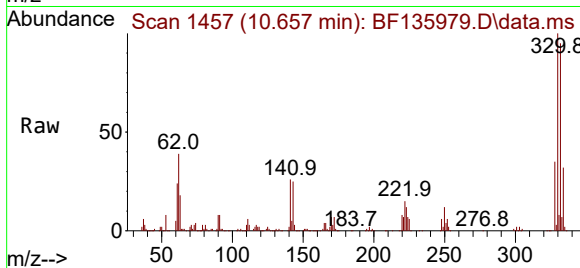
105 176.2 27.2 67.2#



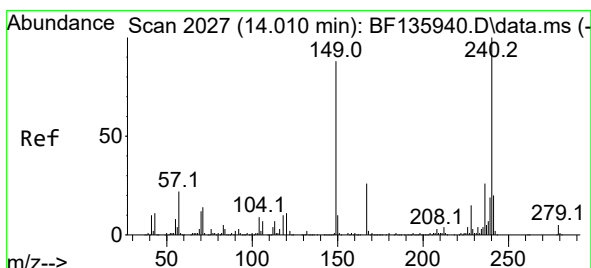
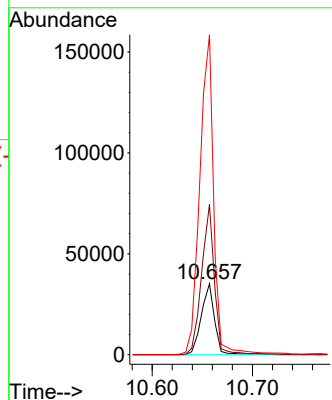
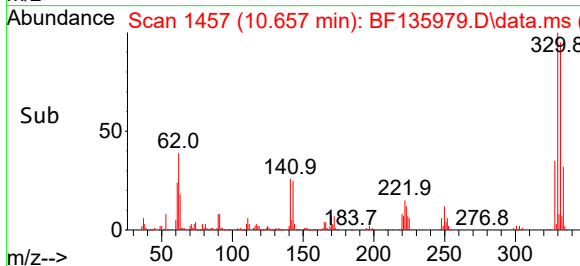


#67
4-Bromophenyl-phenylether
Concen: 5.389 ng
RT: 10.657 min Scan# 14
Delta R.T. -0.241 min
Lab File: BF135979.D
Acq: 27 Oct 2023 12:16

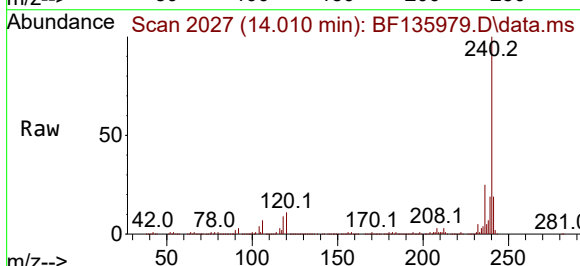
Instrument :
BNA_F
ClientSampleId :
PB156392BL



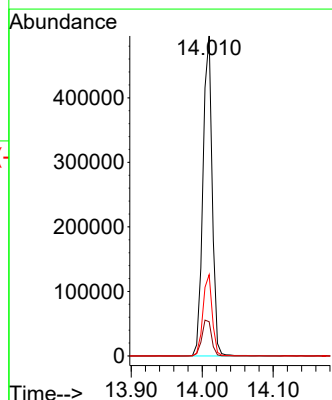
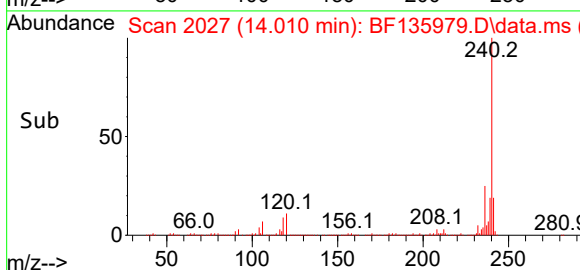
Tgt Ion:248 Resp: 32315
Ion Ratio Lower Upper
248 100
250 211.9 77.9 116.9#
141 451.3 60.8 91.2#

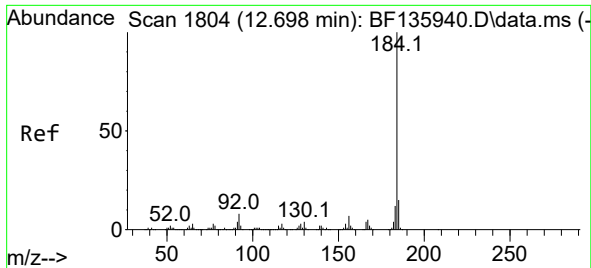


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2027
Delta R.T. 0.000 min
Lab File: BF135979.D
Acq: 27 Oct 2023 12:16



Tgt Ion:240 Resp: 450412
Ion Ratio Lower Upper
240 100
120 10.7 8.6 13.0
236 25.4 20.6 30.8

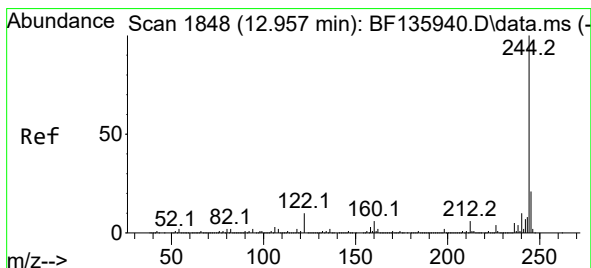
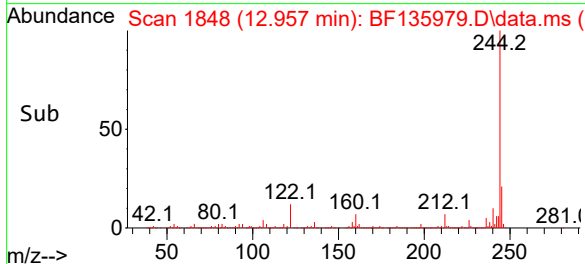
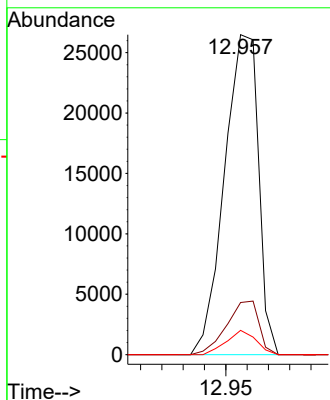
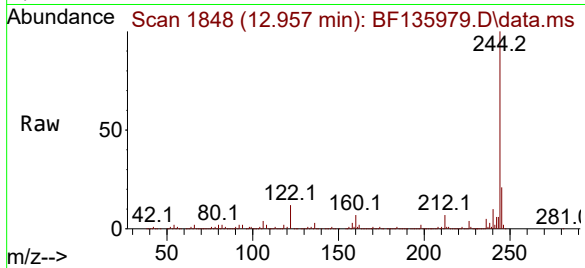




#77
Benzidine
Concen: 3.383 ng
RT: 12.957 min Scan# 1848
Delta R.T. 0.259 min
Lab File: BF135979.D
Acq: 27 Oct 2023 12:16

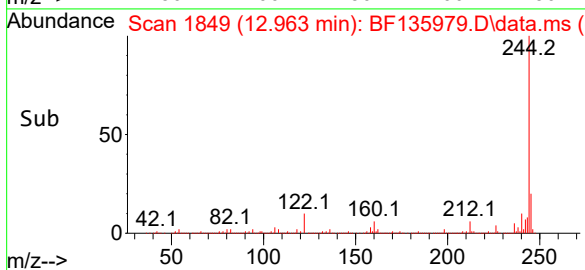
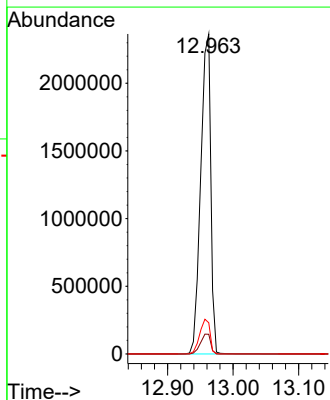
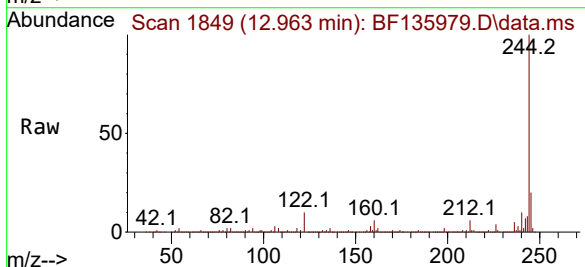
Instrument :
BNA_F
ClientSampleId :
PB156392BL

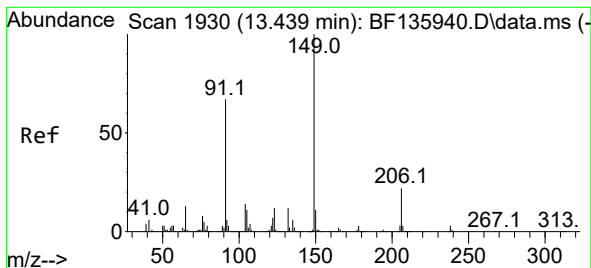
Tgt Ion:184 Resp: 29383
Ion Ratio Lower Upper
184 100
185 16.3 11.7 17.5
183 7.6 9.2 13.8#



#79
Terphenyl-d14
Concen: 93.653 ng
RT: 12.963 min Scan# 1849
Delta R.T. 0.006 min
Lab File: BF135979.D
Acq: 27 Oct 2023 12:16

Tgt Ion:244 Resp: 2524721
Ion Ratio Lower Upper
244 100
212 6.2 5.0 7.6
122 9.8 8.0 12.0





#80

Butylbenzylphthalate

Concen: 3.831 ng

RT: 13.557 min Scan# 1930

Delta R.T. 0.118 min

Lab File: BF135979.D

Acq: 27 Oct 2023 12:16

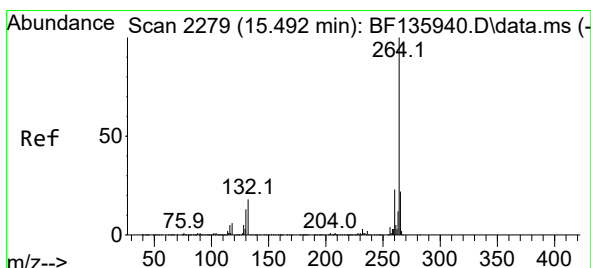
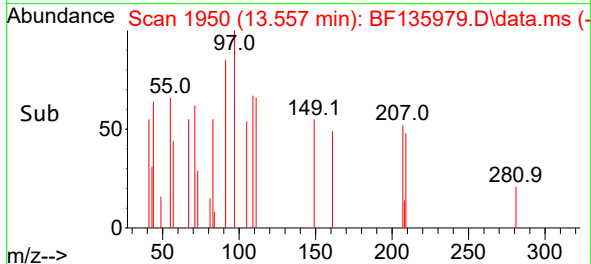
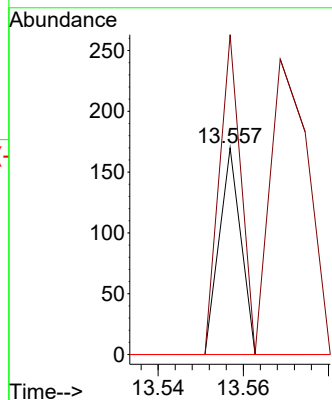
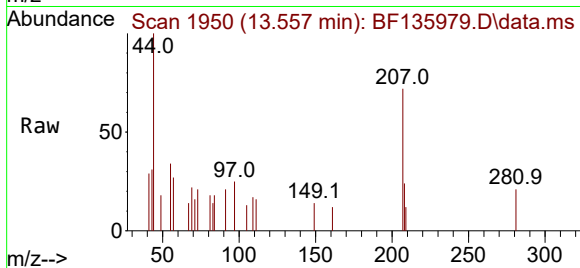
Instrument :

BNA_F

ClientSampleId :

PB156392BL

Tgt Ion:	149	Resp:	60
Ion	Ratio	Lower	Upper
149	100		
91	154.7	53.4	80.0#
206	0.0	17.5	26.3#



#86

Perylene-d12

Concen: 20.000 ng

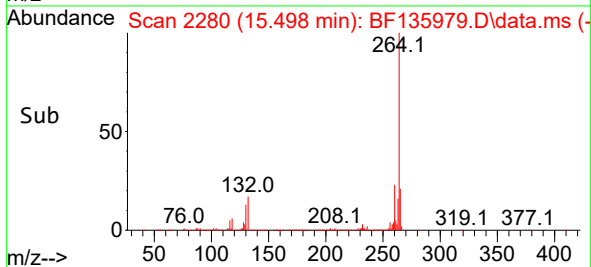
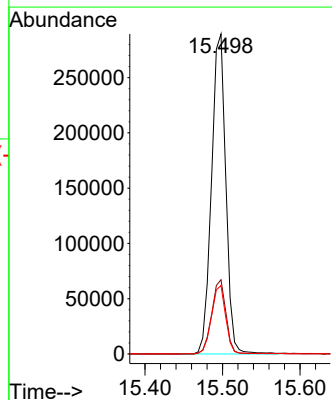
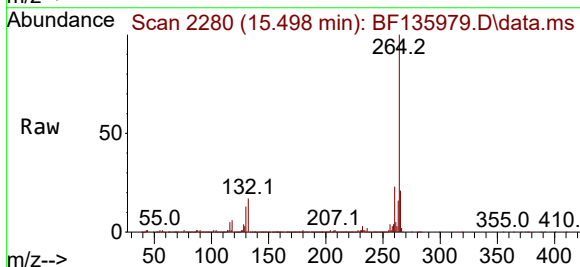
RT: 15.498 min Scan# 2280

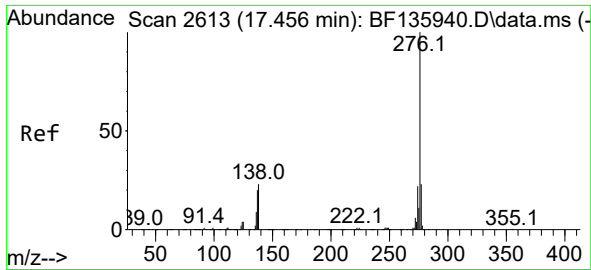
Delta R.T. 0.006 min

Lab File: BF135979.D

Acq: 27 Oct 2023 12:16

Tgt Ion:	264	Resp:	371642
Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.6	28.0
265	21.4	17.3	25.9





#92
 Benzo(g,h,i)perylene
 Concen: 3.807 ng
 RT: 17.451 min Scan# 20
 Delta R.T. -0.005 min
 Lab File: BF135979.D
 Acq: 27 Oct 2023 12:16

Instrument :
 BNA_F
 ClientSampleId :
 PB156392BL

Tgt Ion:276 Resp: 1086
 Ion Ratio Lower Upper
 276 100
 277 40.8 18.6 28.0#
 138 43.5 18.4 27.6#

