

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102523\
 Data File : BF135951.D
 Acq On : 25 Oct 2023 20:28
 Operator : CG\JU
 Sample : PB156273BL
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 26 04:33:28 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

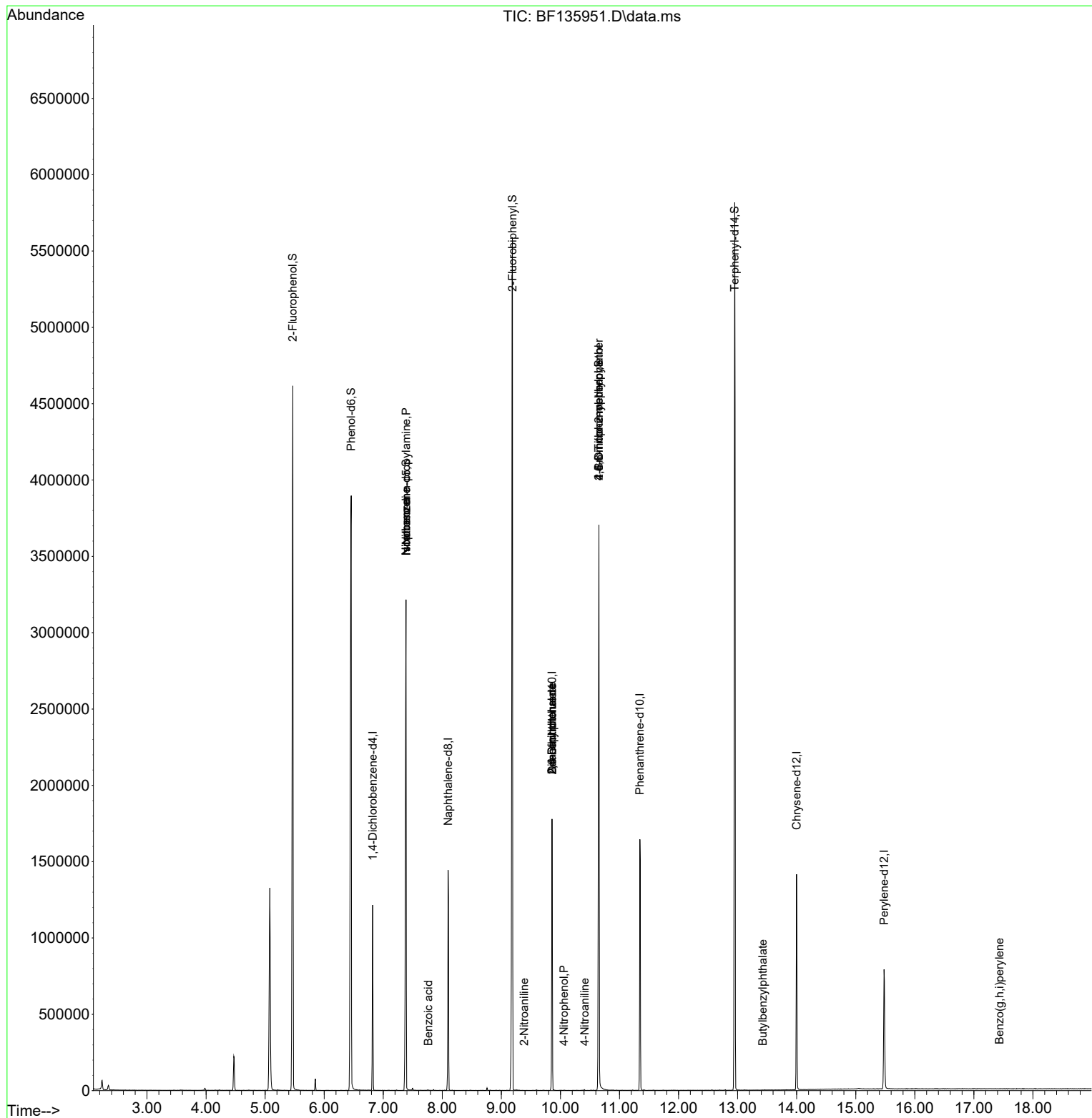
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	161276	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	638435	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	322760	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	602976	20.000	ng	0.00
76) Chrysene-d12	13.998	240	431108	20.000	ng	-0.01
86) Perylene-d12	15.480	264	360795	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1458593	139.656	ng	0.02
7) Phenol-d6	6.457	99	1811737	139.336	ng	0.00
23) Nitrobenzene-d5	7.387	82	1024616	101.492	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	476932	168.819	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	1899476	94.235	ng	0.00
79) Terphenyl-d14	12.951	244	2286722	88.623	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.387	70	136801	18.502	ng	# 77
24) Nitrobenzene	7.387	77	3498	2.895	ng	# 30
25) Isophorone	7.387	82	1023038	50.695	ng	# 64
32) Benzoic acid	7.763	122	402	5.858	ng	# 68
48) 2-Nitroaniline	9.386	65	197	4.251	ng	# 4
50) Dimethylphthalate	9.857	163	64141	3.064	ng	# 1
51) 2,6-Dinitrotoluene	9.857	165	40773	13.306	ng	# 21
56) 4-Nitrophenol	10.063	139	398	6.271	ng	# 11
57) 2,4-Dinitrotoluene	9.857	165	40773	12.497	ng	# 26
62) 4-Nitroaniline	10.410	138	55	4.659	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.651	198	1124	7.649	ng	# 1
67) 4-Bromophenyl-phenylether	10.651	248	28629	4.636	ng	# 1
80) Butylbenzylphthalate	13.427	149	265	3.845	ng	# 82
92) Benzo(g,h,i)perylene	17.433	276	61	3.761	ng	# 52

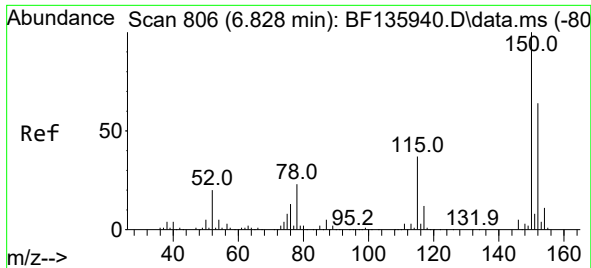
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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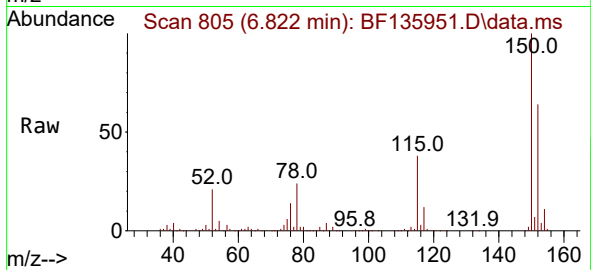
Quant Time: Oct 26 04:33:28 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102523.M
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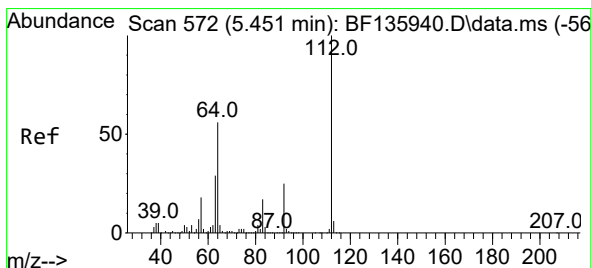
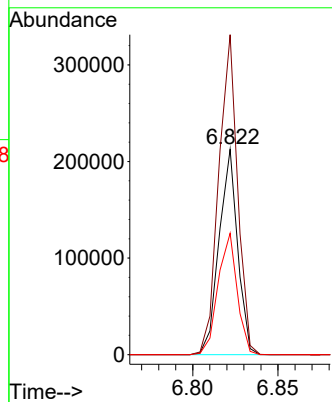
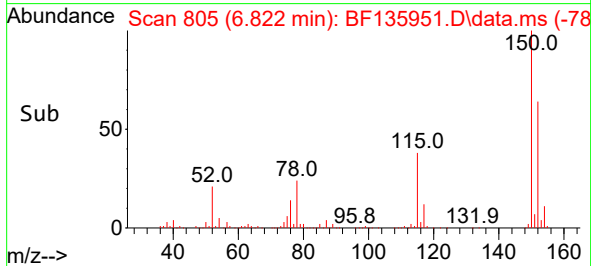


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 806
Delta R.T. -0.006 min
Lab File: BF135951.D
Acq: 25 Oct 2023 20:28

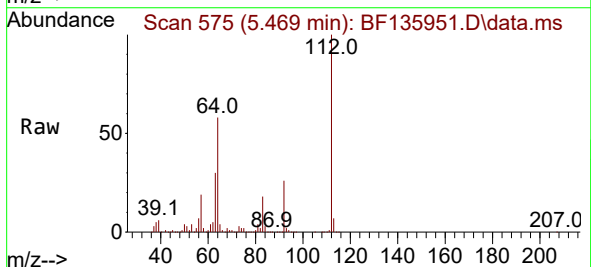
Instrument :
BNA_M
ClientSampleId :



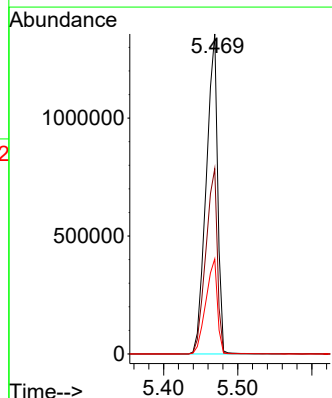
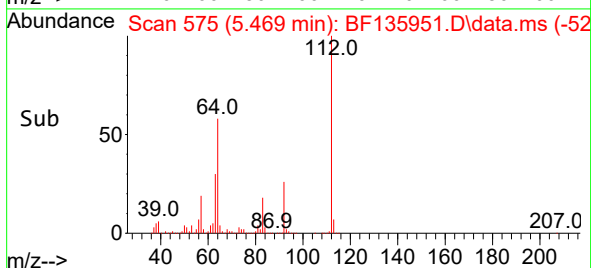
Tgt Ion:152 Resp: 161276
Ion Ratio Lower Upper
152 100
150 155.8 124.6 186.8
115 59.2 46.6 69.8

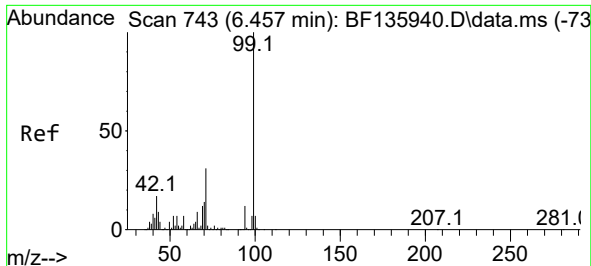


#5
2-Fluorophenol
Concen: 139.656 ng
RT: 5.469 min Scan# 575
Delta R.T. 0.018 min
Lab File: BF135951.D
Acq: 25 Oct 2023 20:28



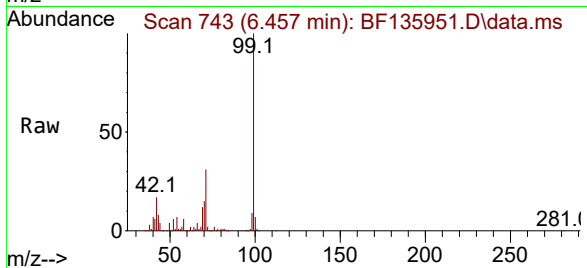
Tgt Ion:112 Resp: 1458593
Ion Ratio Lower Upper
112 100
64 57.9 45.1 67.7
63 29.7 23.0 34.4





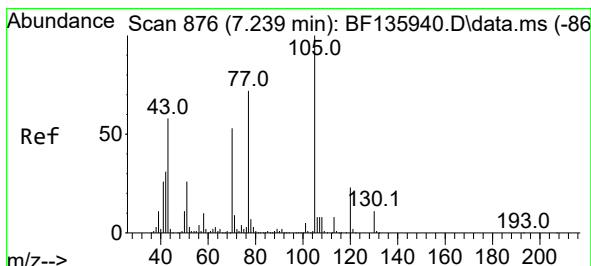
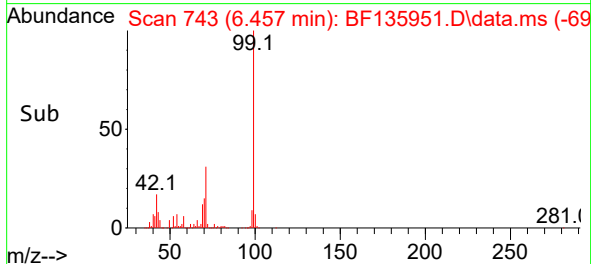
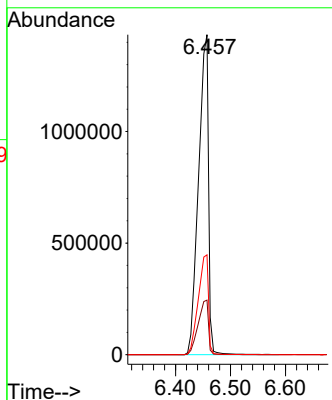
#7
Phenol-d6
Concen: 139.336 ng
RT: 6.457 min Scan# 743
Delta R.T. 0.000 min
Lab File: BF135951.D
Acq: 25 Oct 2023 20:28

Instrument :
BNA_M
ClientSampleId :



Tgt Ion: 99 Resp: 1811737

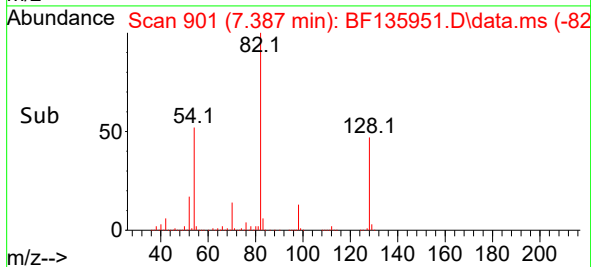
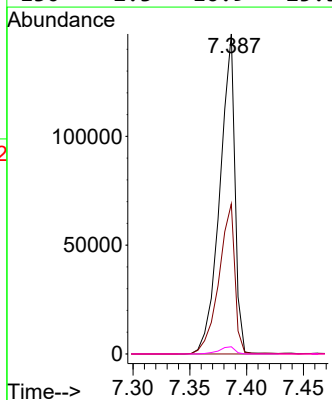
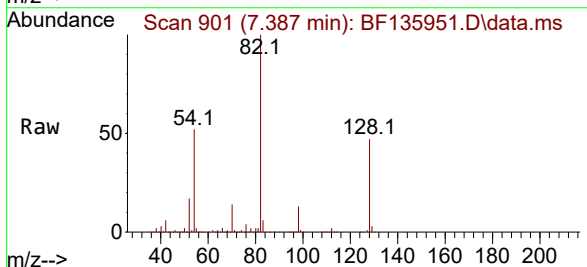
Ion	Ratio	Lower	Upper
99	100		
42	17.0	13.8	20.8
71	31.2	25.1	37.7

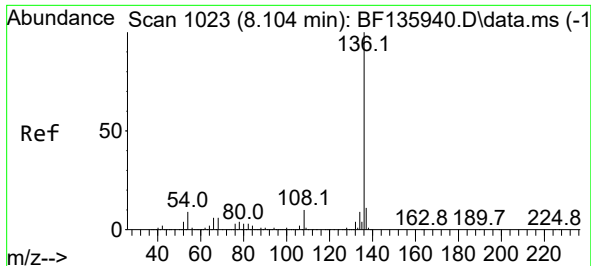


#19
n-Nitroso-di-n-propylamine
Concen: 18.502 ng
RT: 7.387 min Scan# 901
Delta R.T. 0.147 min
Lab File: BF135951.D
Acq: 25 Oct 2023 20:28

Tgt Ion: 70 Resp: 136801

Ion	Ratio	Lower	Upper
70	100		
42	46.9	47.3	70.9#
101	0.0	7.8	11.8#
130	2.3	16.9	25.3#



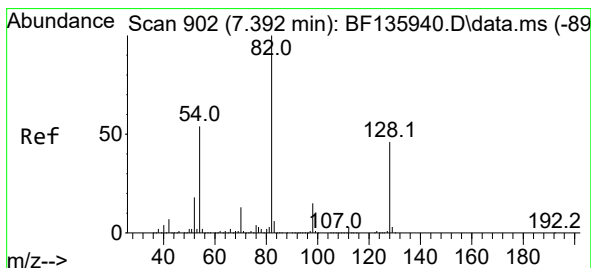
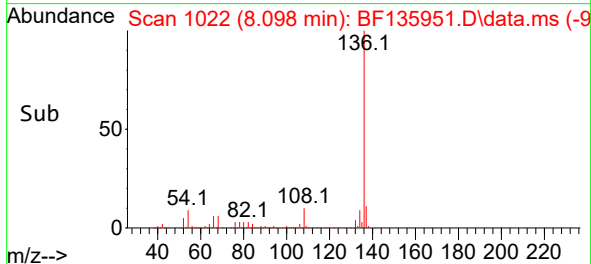
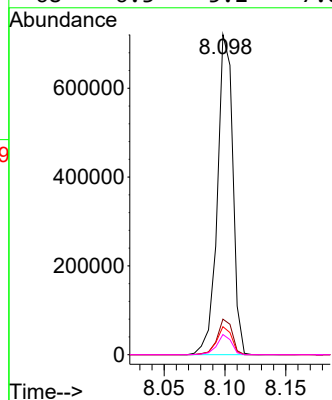
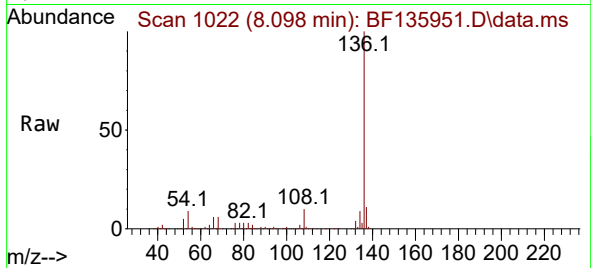


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF135951.D
Acq: 25 Oct 2023 20:28

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:136 Resp: 638435

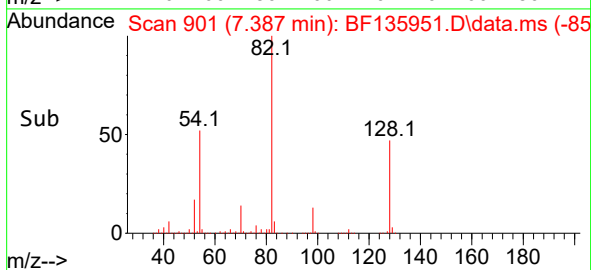
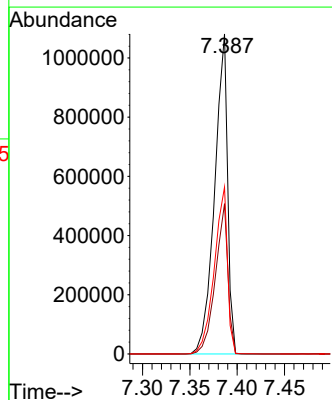
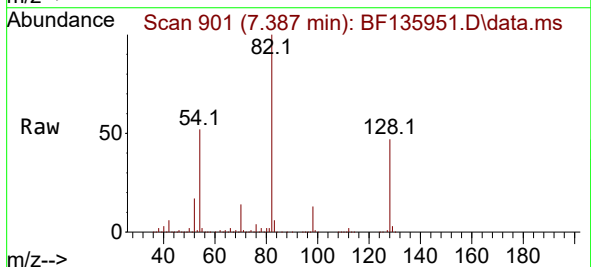
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.6
54	8.8	7.1	10.7
68	6.3	5.2	7.8

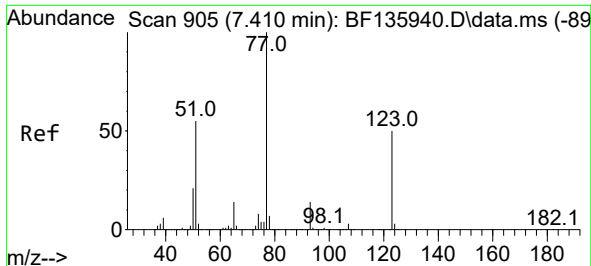


#23
Nitrobenzene-d5
Concen: 101.492 ng
RT: 7.387 min Scan# 901
Delta R.T. -0.005 min
Lab File: BF135951.D
Acq: 25 Oct 2023 20:28

Tgt Ion: 82 Resp: 1024616

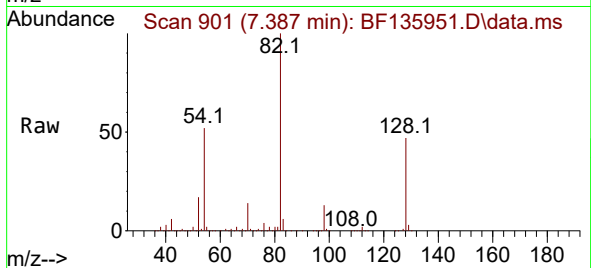
Ion	Ratio	Lower	Upper
82	100		
128	47.0	36.8	55.2
54	52.1	43.4	65.0



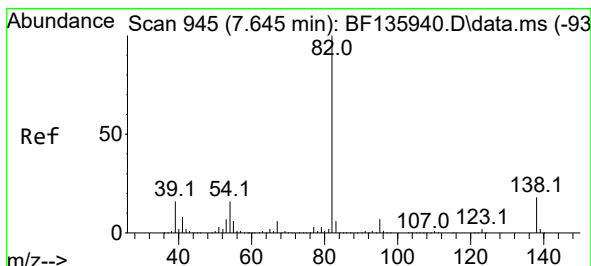
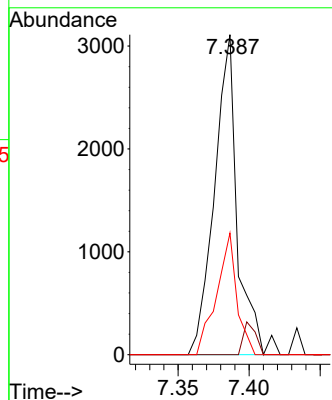
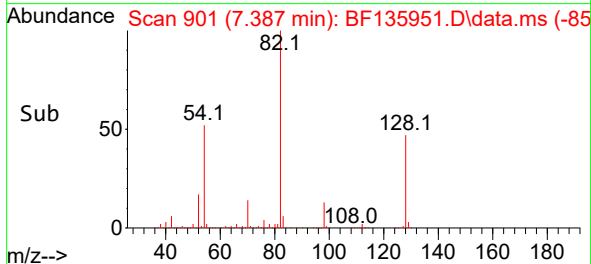


#24
Nitrobenzene
Concen: 2.895 ng
RT: 7.387 min Scan# 901
Delta R.T. -0.023 min
Lab File: BF135951.D
Acq: 25 Oct 2023 20:28

Instrument :
BNA_M
ClientSampleId :

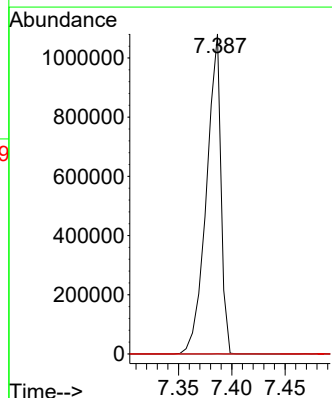
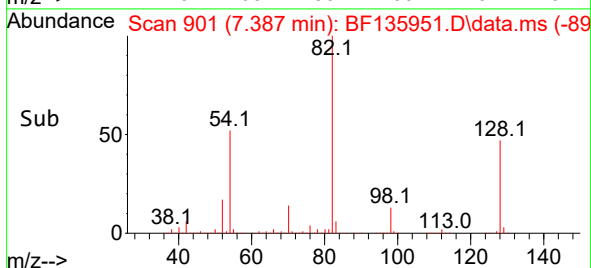
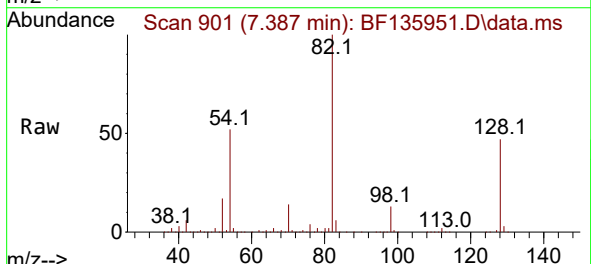


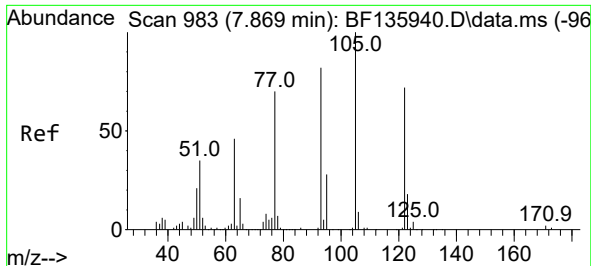
Tgt Ion: 77 Resp: 3498
Ion Ratio Lower Upper
77 100
123 0.0 40.2 60.2#
65 38.0 11.0 16.4#



#25
Isophorone
Concen: 50.695 ng
RT: 7.387 min Scan# 901
Delta R.T. -0.259 min
Lab File: BF135951.D
Acq: 25 Oct 2023 20:28

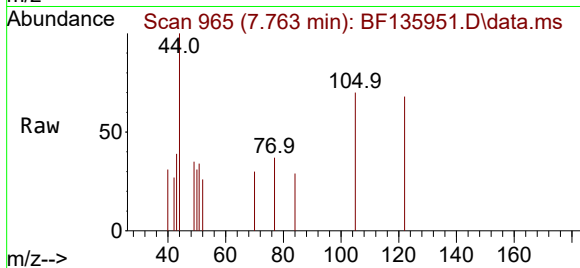
Tgt Ion: 82 Resp: 1023038
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.8 22.2#



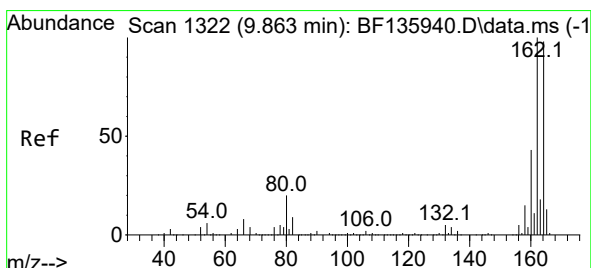
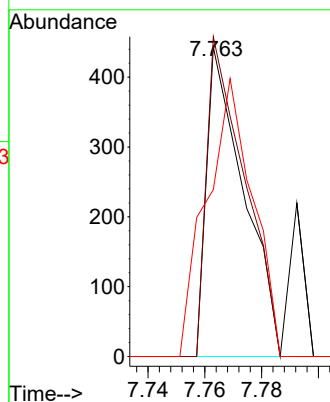
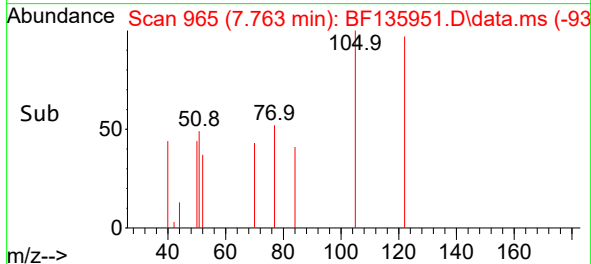


#32
Benzoic acid
Concen: 5.858 ng
RT: 7.763 min Scan# 90
Delta R.T. -0.106 min
Lab File: BF135951.D
Acq: 25 Oct 2023 20:28

Instrument :
BNA_M
ClientSampleId :

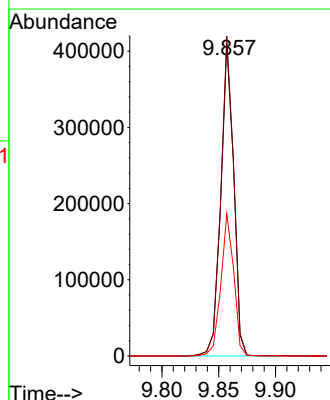
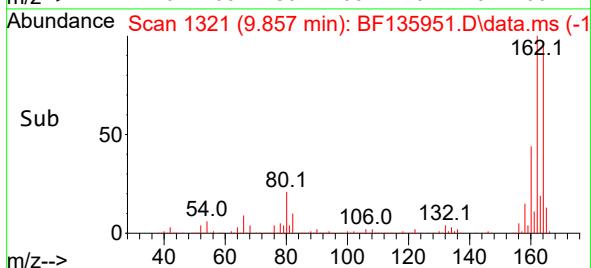
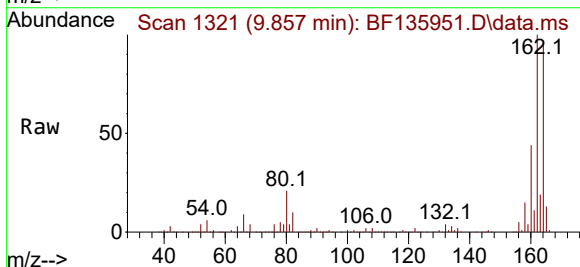


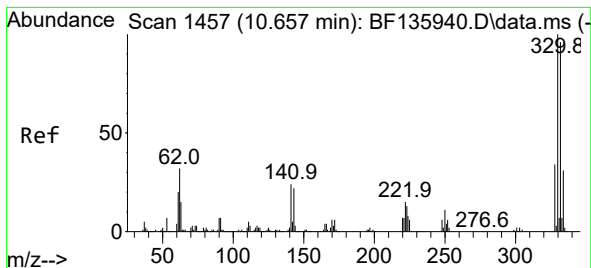
Tgt Ion:122 Resp: 402
Ion Ratio Lower Upper
122 100
105 103.4 113.1 153.1#
77 54.0 75.2 115.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF135951.D
Acq: 25 Oct 2023 20:28

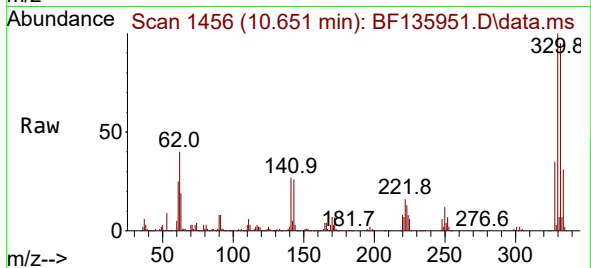
Tgt Ion:164 Resp: 322760
Ion Ratio Lower Upper
164 100
162 102.9 82.0 123.0
160 45.7 35.6 53.4



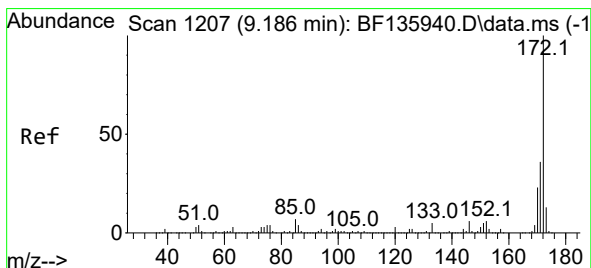
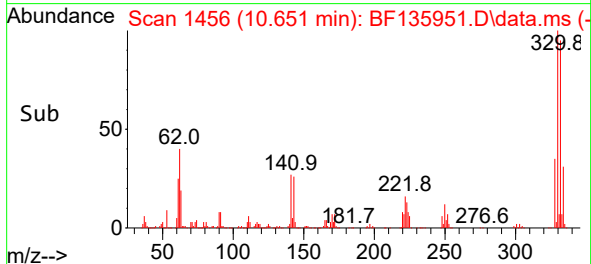
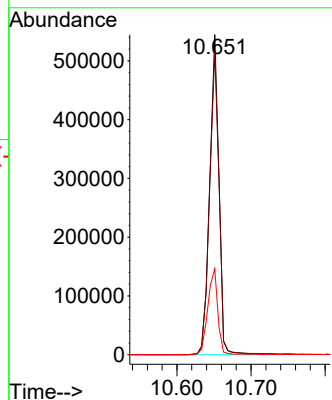


#42
2,4,6-Tribromophenol
Concen: 168.819 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.006 min
Lab File: BF135951.D
Acq: 25 Oct 2023 20:28

Instrument :
BNA_M
ClientSampleId :

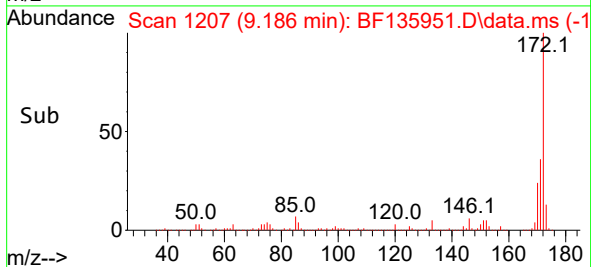
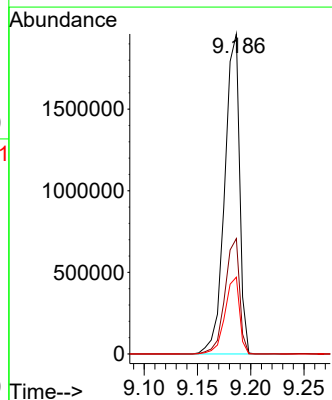
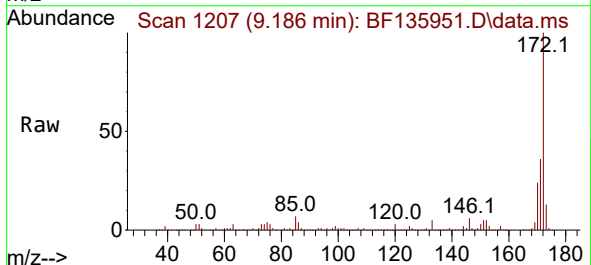


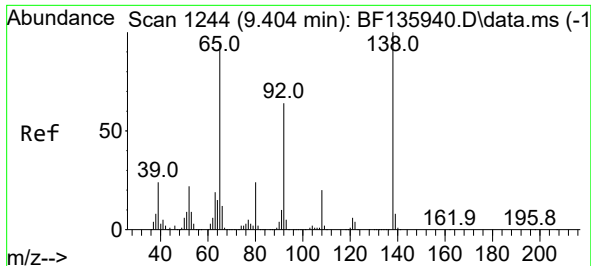
Tgt Ion:330 Resp: 476932
Ion Ratio Lower Upper
330 100
332 97.0 77.4 116.2
141 29.0 24.9 37.3



#45
2-Fluorobiphenyl
Concen: 94.235 ng
RT: 9.186 min Scan# 1207
Delta R.T. 0.000 min
Lab File: BF135951.D
Acq: 25 Oct 2023 20:28

Tgt Ion:172 Resp: 1899476
Ion Ratio Lower Upper
172 100
171 36.0 28.6 43.0
170 24.0 18.6 28.0

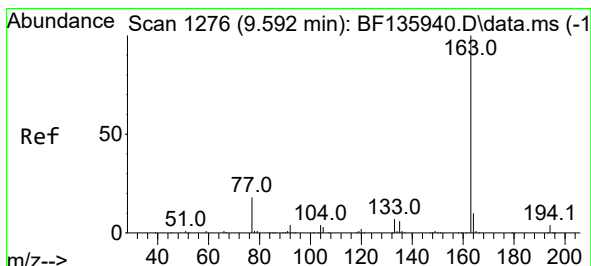
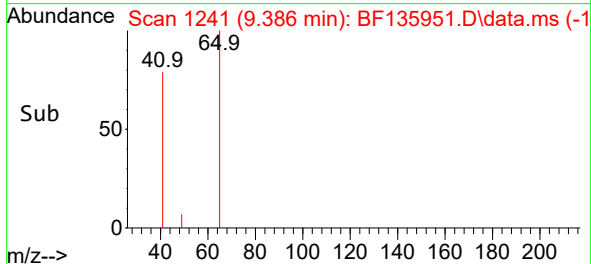
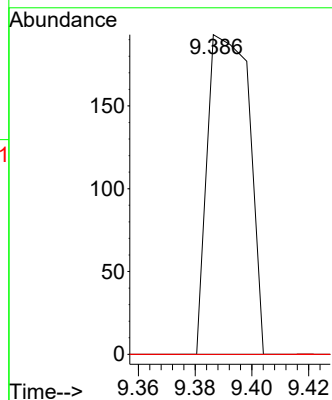
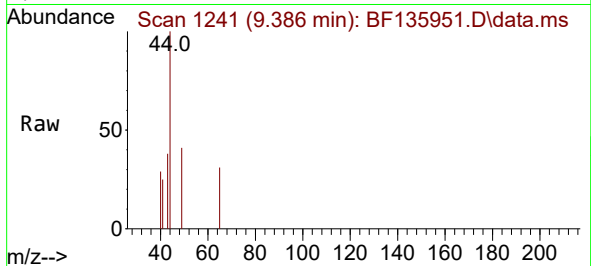




#48
2-Nitroaniline
Concen: 4.251 ng
RT: 9.386 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF135951.D
Acq: 25 Oct 2023 20:28

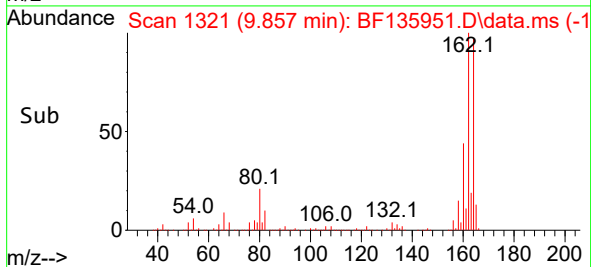
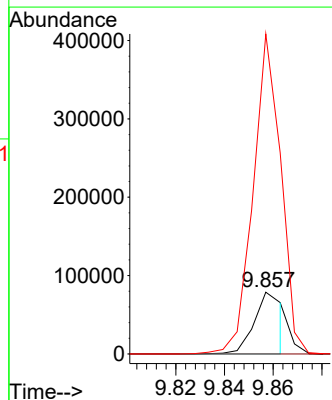
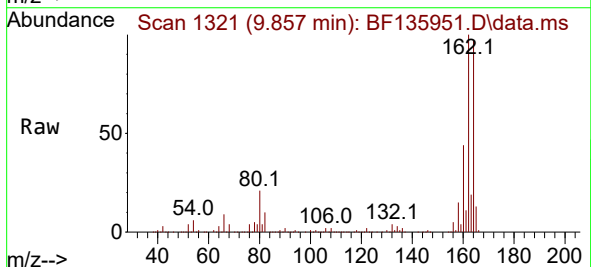
Instrument :
BNA_M
ClientSampleId :

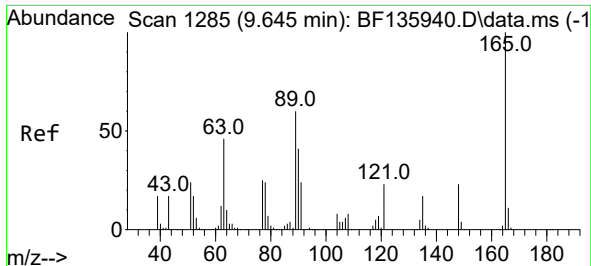
Tgt Ion: 65 Resp: 197
Ion Ratio Lower Upper
65 100
92 0.0 54.9 82.3#
138 0.0 85.2 127.8#



#50
Dimethylphthalate
Concen: 3.064 ng
RT: 9.857 min Scan# 1321
Delta R.T. 0.265 min
Lab File: BF135951.D
Acq: 25 Oct 2023 20:28

Tgt Ion: 163 Resp: 64141
Ion Ratio Lower Upper
163 100
194 0.0 3.4 5.0#
164 517.8 8.3 12.5#

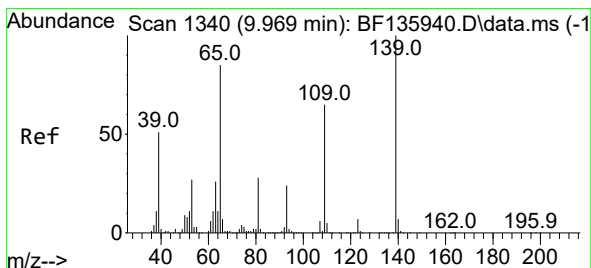
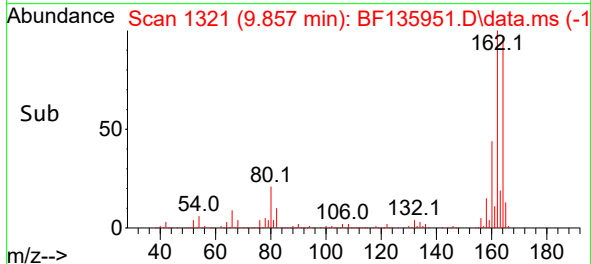
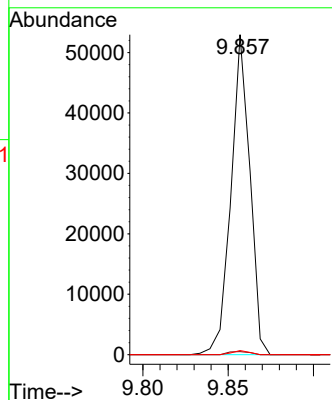
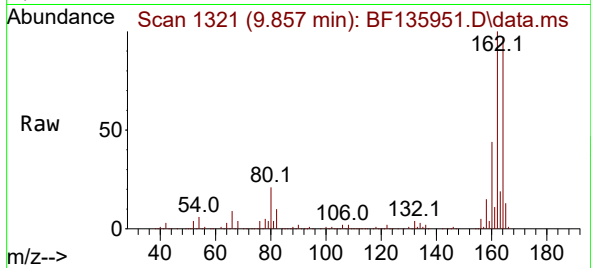




#51
2,6-Dinitrotoluene
Concen: 13.306 ng
RT: 9.857 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF135951.D
Acq: 25 Oct 2023 20:28

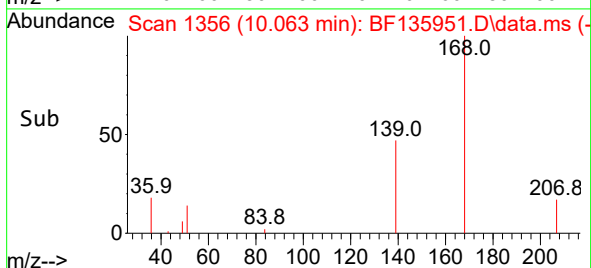
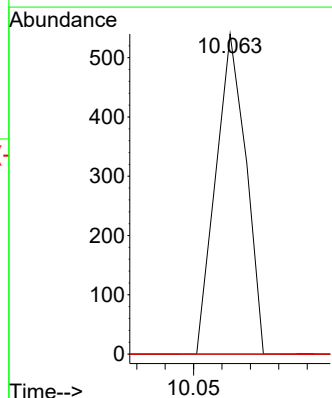
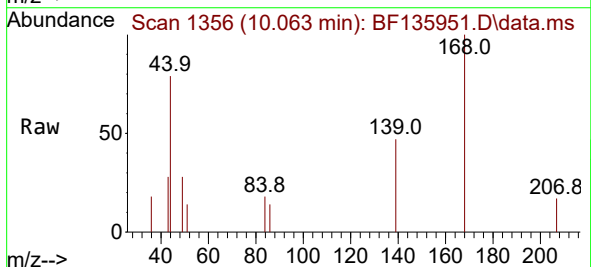
Instrument :
BNA_M
ClientSampleId :

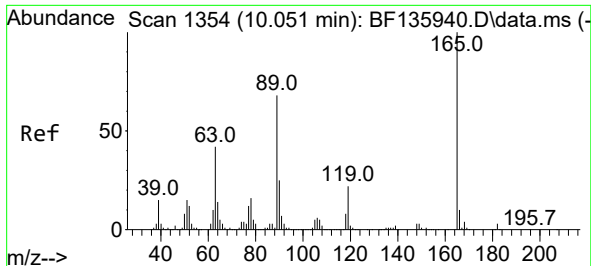
Tgt Ion:165 Resp: 40773
Ion Ratio Lower Upper
165 100
63 1.0 51.7 77.5#
89 1.3 48.3 72.5#



#56
4-Nitrophenol
Concen: 6.271 ng
RT: 10.063 min Scan# 1356
Delta R.T. 0.094 min
Lab File: BF135951.D
Acq: 25 Oct 2023 20:28

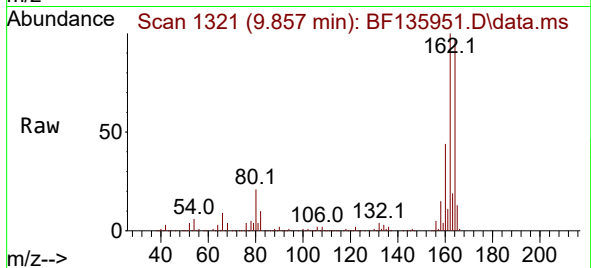
Tgt Ion:139 Resp: 398
Ion Ratio Lower Upper
139 100
109 0.0 45.2 85.2#
65 0.0 65.1 105.1#



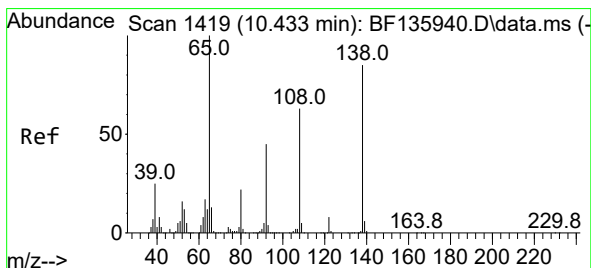
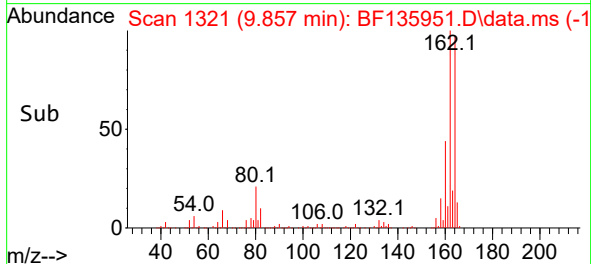
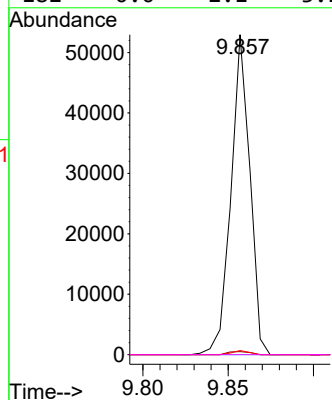


#57
2,4-Dinitrotoluene
Concen: 12.497 ng
RT: 9.857 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF135951.D
Acq: 25 Oct 2023 20:28

Instrument :
BNA_M
ClientSampleId :

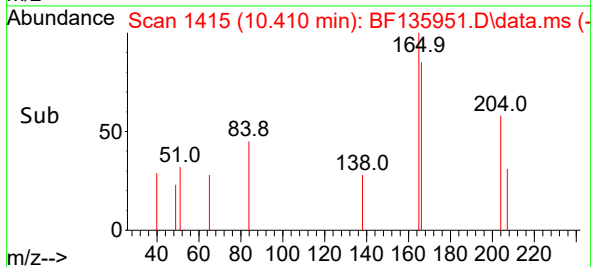
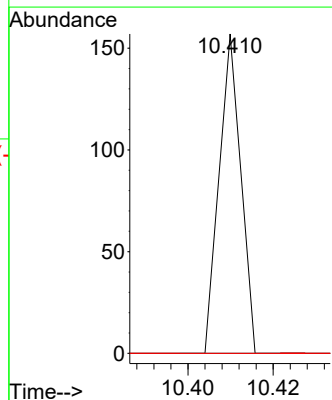
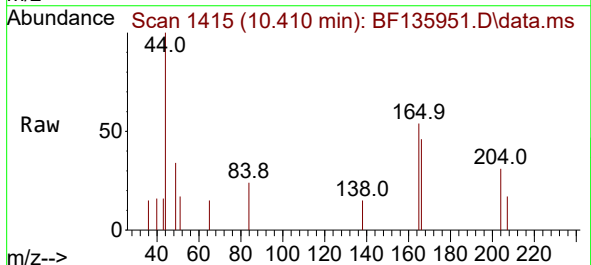


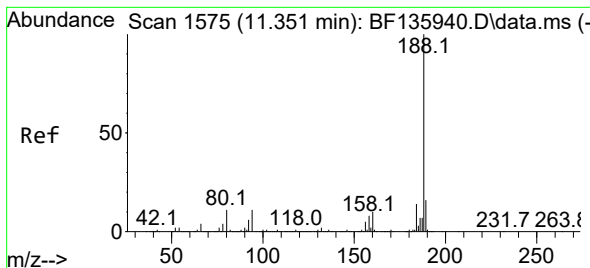
Tgt Ion:165 Resp: 40773
Ion Ratio Lower Upper
165 100
63 1.0 33.7 50.5#
89 1.3 54.6 81.8#
182 0.0 2.1 3.1#



#62
4-Nitroaniline
Concen: 4.659 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.023 min
Lab File: BF135951.D
Acq: 25 Oct 2023 20:28

Tgt Ion:138 Resp: 55
Ion Ratio Lower Upper
138 100
92 0.0 32.9 72.9#
108 0.0 53.5 93.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.345 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF135951.D

Acq: 25 Oct 2023 20:28

Instrument :

BNA_M

ClientSampleId :

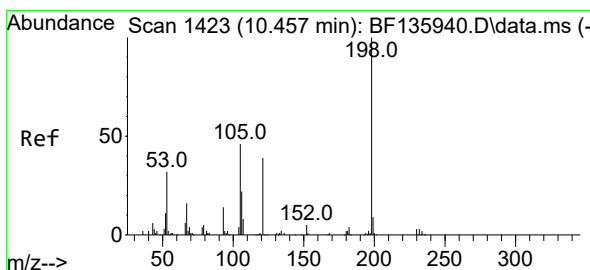
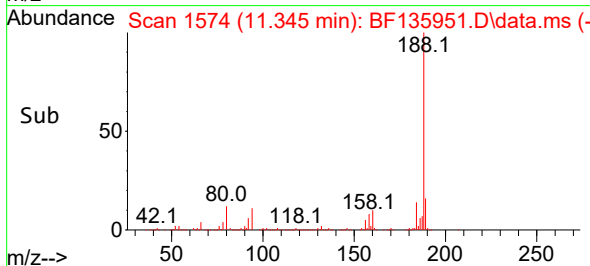
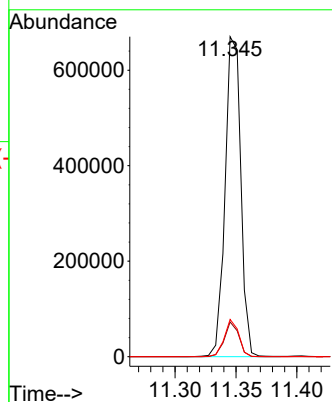
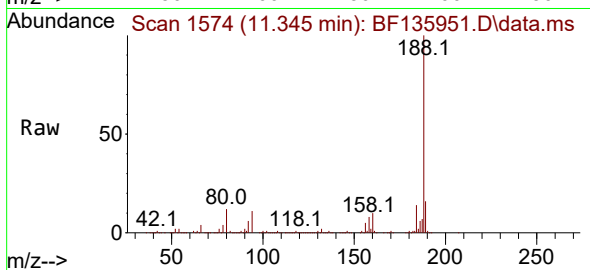
Tgt Ion:188 Resp: 602976

Ion Ratio Lower Upper

188 100

94 10.8 8.6 13.0

80 11.7 9.0 13.6



#65

4,6-Dinitro-2-methylphenol

Concen: 7.649 ng

RT: 10.651 min Scan# 1456

Delta R.T. 0.194 min

Lab File: BF135951.D

Acq: 25 Oct 2023 20:28

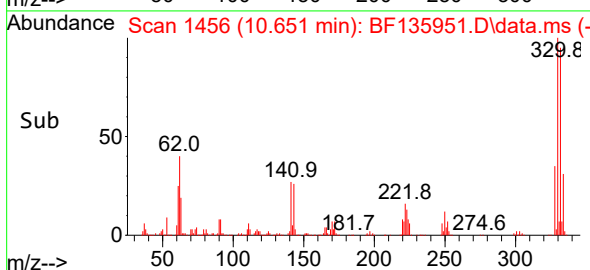
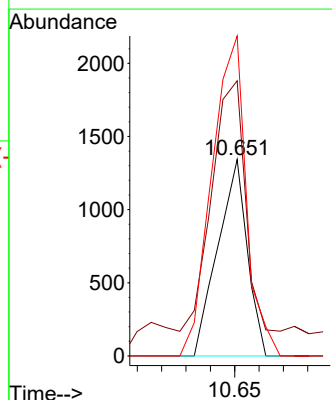
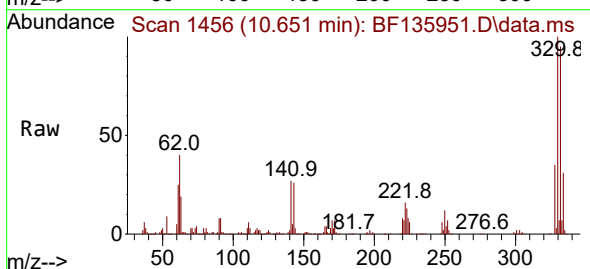
Tgt Ion:198 Resp: 1124

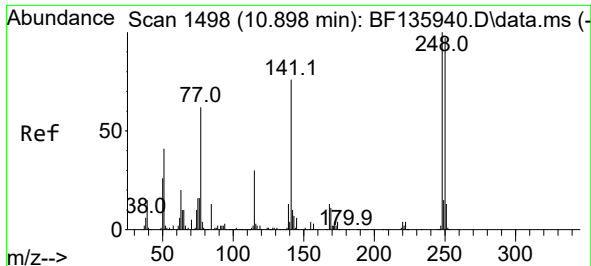
Ion Ratio Lower Upper

198 100

51 140.1 28.7 68.7#

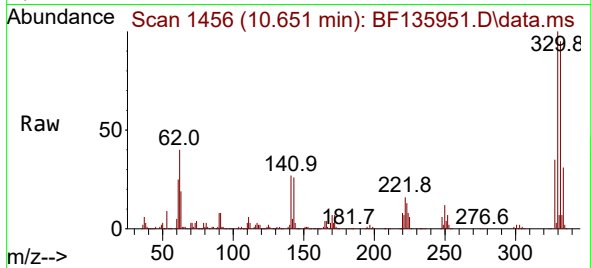
105 162.8 27.2 67.2#



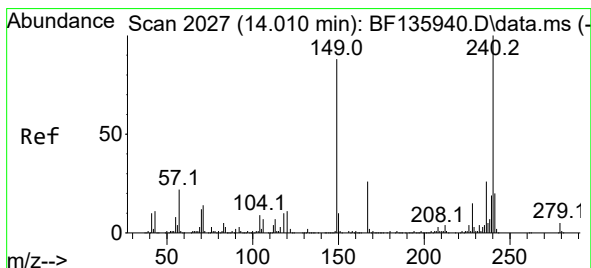
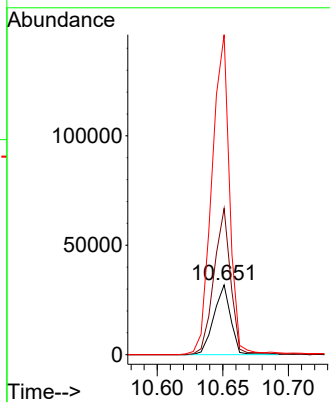
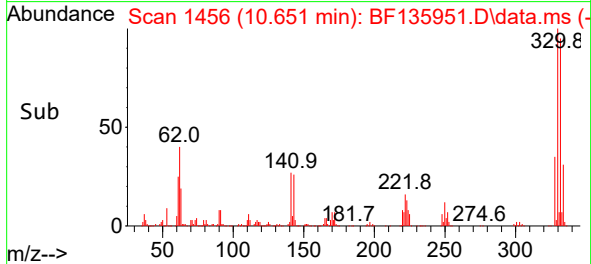


#67
4-Bromophenyl-phenylether
Concen: 4.636 ng
RT: 10.651 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF135951.D
Acq: 25 Oct 2023 20:28

Instrument :
BNA_M
ClientSampleId :

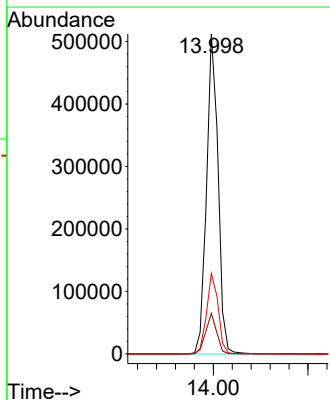
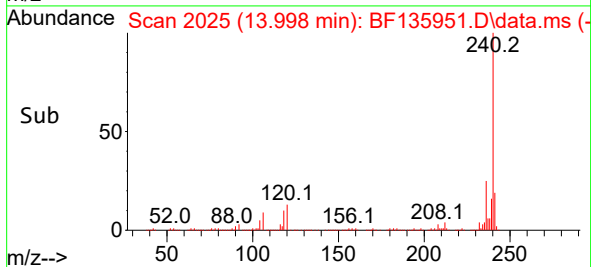
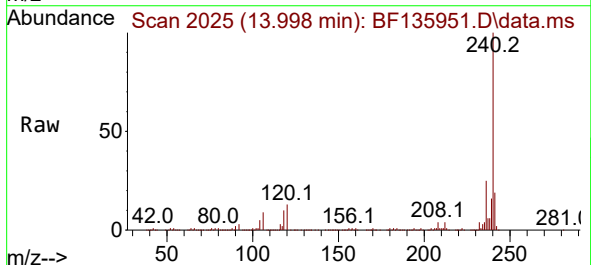


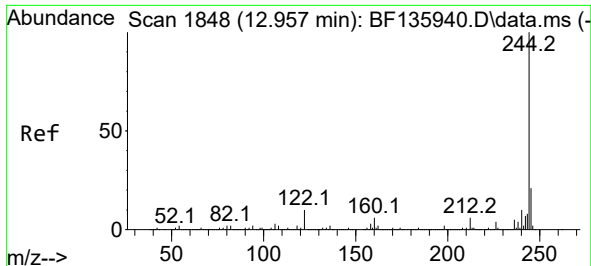
Tgt Ion:248 Resp: 28629
Ion Ratio Lower Upper
248 100
250 209.5 77.9 116.9#
141 458.3 60.8 91.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.012 min
Lab File: BF135951.D
Acq: 25 Oct 2023 20:28

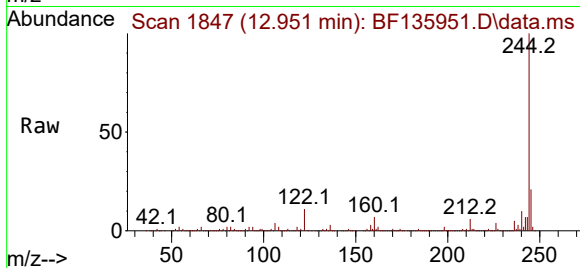
Tgt Ion:240 Resp: 431108
Ion Ratio Lower Upper
240 100
120 12.7 8.6 13.0
236 25.1 20.6 30.8



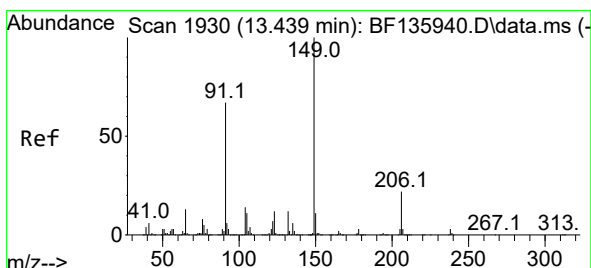
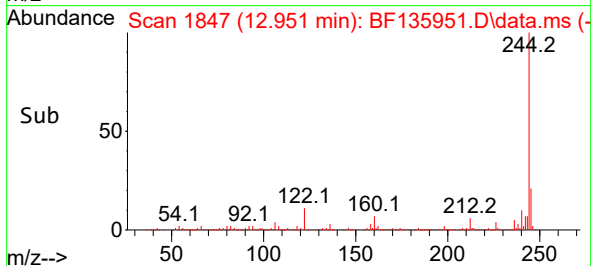
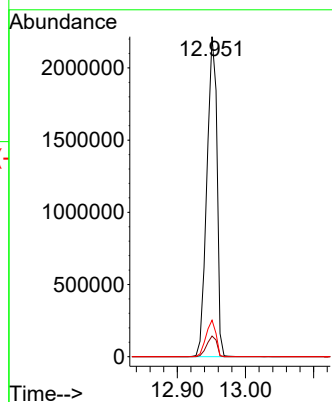


#79
 Terphenyl-d14
 Concen: 88.623 ng
 RT: 12.951 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF135951.D
 Acq: 25 Oct 2023 20:28

Instrument :
 BNA_M
 ClientSampleId :

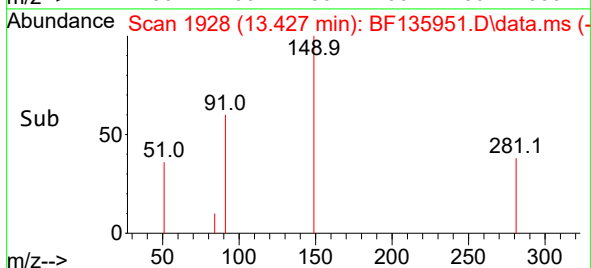
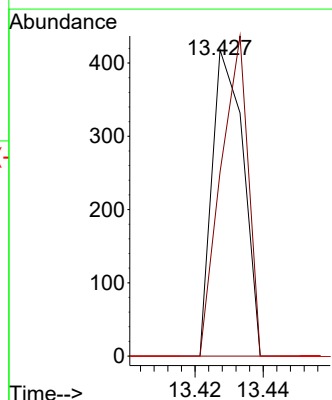
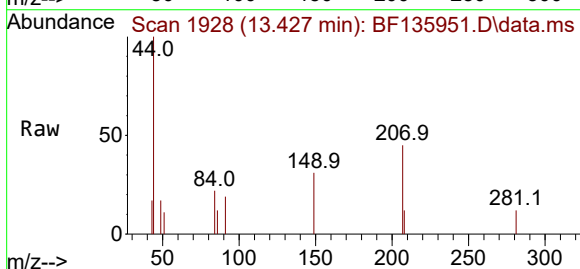


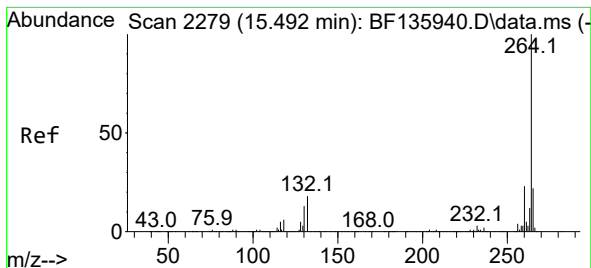
Tgt Ion:244 Resp: 2286722
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.0 7.6
 122 11.4 8.0 12.0



#80
 Butylbenzylphthalate
 Concen: 3.845 ng
 RT: 13.427 min Scan# 1928
 Delta R.T. -0.012 min
 Lab File: BF135951.D
 Acq: 25 Oct 2023 20:28

Tgt Ion:149 Resp: 265
 Ion Ratio Lower Upper
 149 100
 91 60.0 53.4 80.0
 206 0.0 17.5 26.3#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.480 min Scan# 21

Delta R.T. -0.012 min

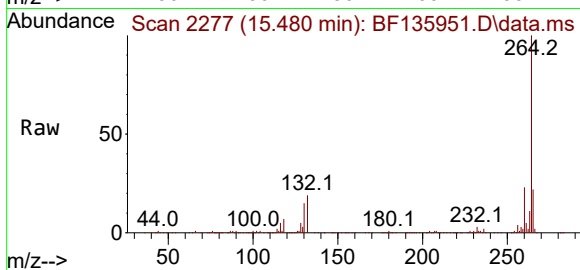
Lab File: BF135951.D

Acq: 25 Oct 2023 20:28

Instrument :

BNA_M

ClientSampleId :



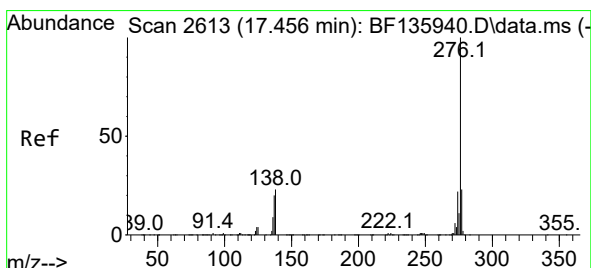
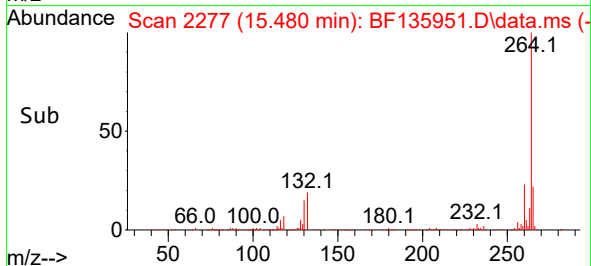
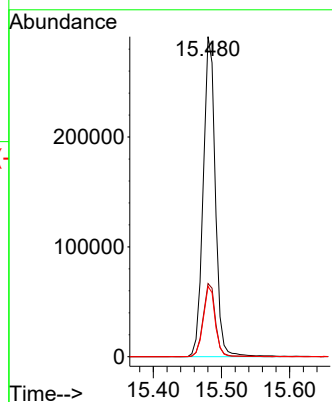
Tgt Ion:264 Resp: 360795

Ion Ratio Lower Upper

264 100

260 22.9 18.6 28.0

265 22.0 17.3 25.9



#92

Benzo(g,h,i)perylene

Concen: 3.761 ng

RT: 17.433 min Scan# 2609

Delta R.T. -0.023 min

Lab File: BF135951.D

Acq: 25 Oct 2023 20:28

Tgt Ion:276 Resp: 61

Ion Ratio Lower Upper

276 100

277 0.0 18.6 28.0#

138 0.0 18.4 27.6#

