

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091823\
 Data File : BF135326.D
 Acq On : 19 Sep 2023 01:30
 Operator : CG\JU
 Sample : 04392-01DL 20X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WASTEDL

Quant Time: Sep 19 01:58:34 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 00:19:07 2023
 Response via : Initial Calibration

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

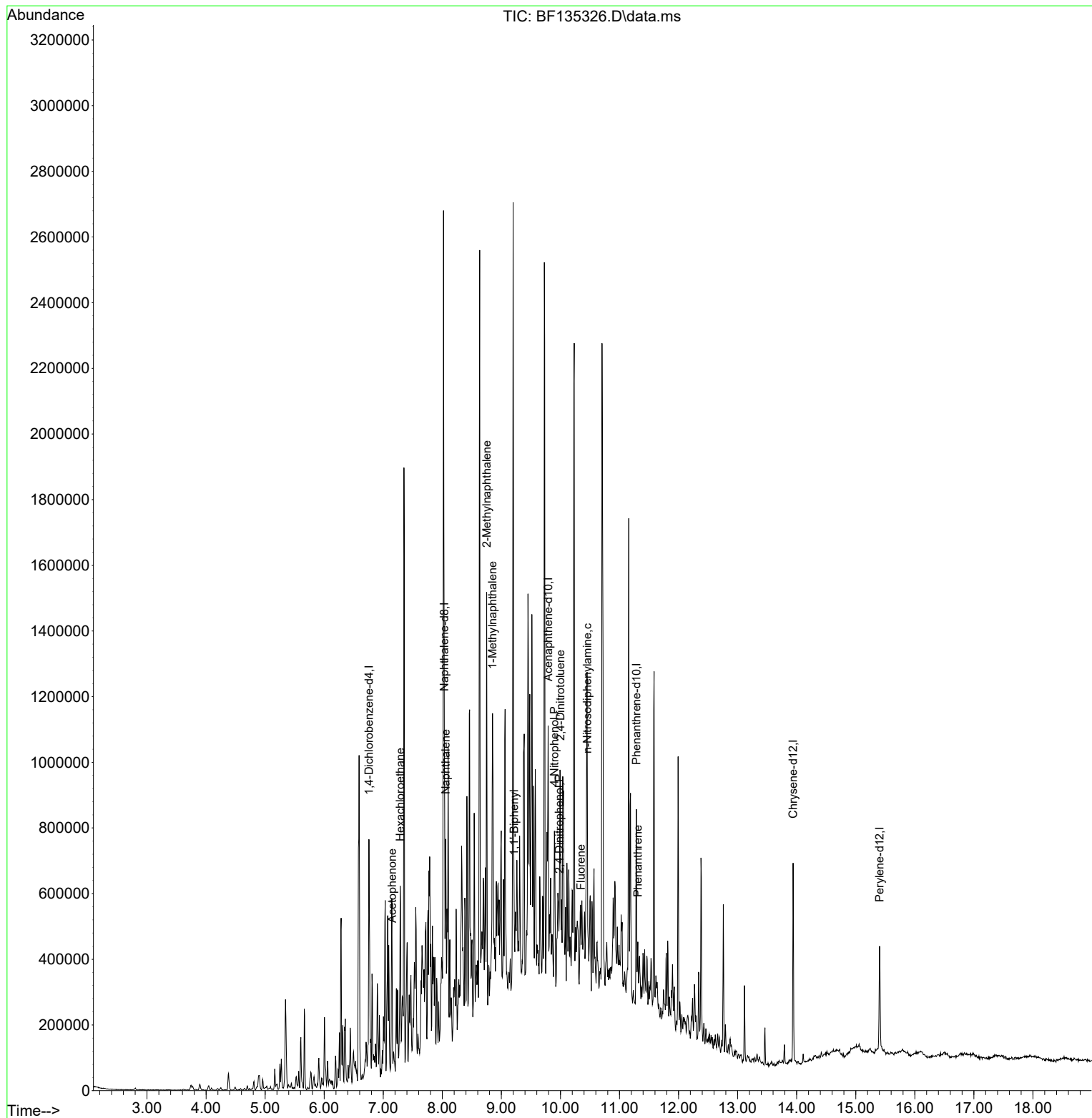
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	91007	20.000	ng	0.00
21) Naphthalene-d8	8.033	136	288275	20.000	ng	#-0.01
39) Acenaphthene-d10	9.792	164	118100	20.000	ng	-0.01
64) Phenanthrene-d10	11.286	188	206786	20.000	ng	0.00
76) Chrysene-d12	13.939	240	203142	20.000	ng	0.00
86) Perylene-d12	15.404	264	153529	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.392	112	4782	0.855	ng	0.00
7) Phenol-d6	6.410	99	6766	0.951	ng	0.00
23) Nitrobenzene-d5	7.445	82	1718	0.324	ng	0.11
42) 2,4,6-Tribromophenol	10.586	330	785	0.669	ng	-0.01
45) 2-Fluorobiphenyl	9.110	172	7653	0.978	ng	-0.02
79) Terphenyl-d14	12.880	244	6900	0.527	ng	-0.01
Target Compounds						
						Qvalue
18) Hexachloroethane	7.286	117	22474	9.848	ng	# 1
22) Acetophenone	7.151	105	62675	9.510	ng	# 49
31) Naphthalene	8.057	128	132522	9.462	ng	97
37) 2-Methylnaphthalene	8.751	142	306792	32.585	ng	100
38) 1-Methylnaphthalene	8.851	142	185499	21.044	ng	99
46) 1,1'-Biphenyl	9.216	154	45625	5.027	ng	99
54) 2,4-Dinitrophenol	9.980	184	70	6.313	ng	# 1
56) 4-Nitrophenol	9.898	139	10078	7.723	ng	# 52
57) 2,4-Dinitrotoluene	9.998	165	5270	2.407	ng	# 63
58) Fluorene	10.345	166	30647	4.041	ng	# 96
66) n-Nitrosodiphenylamine	10.457	169	36222	5.786	ng	# 59
71) Phenanthrene	11.310	178	61707	6.309	ng	# 95

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

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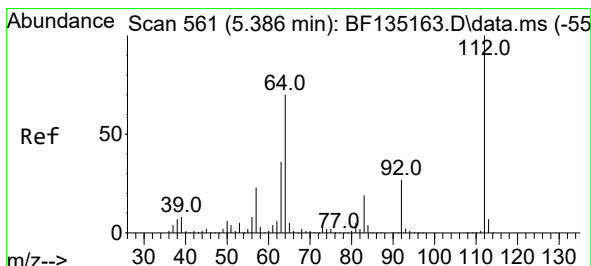
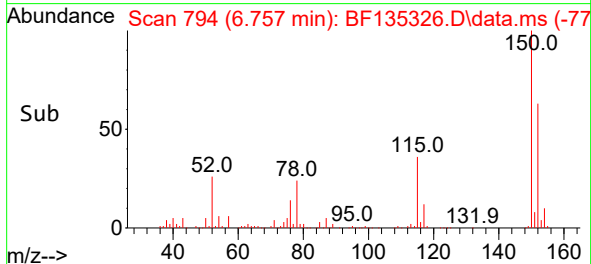
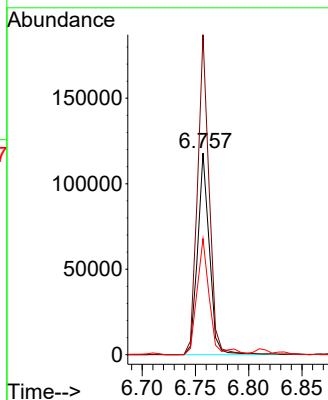
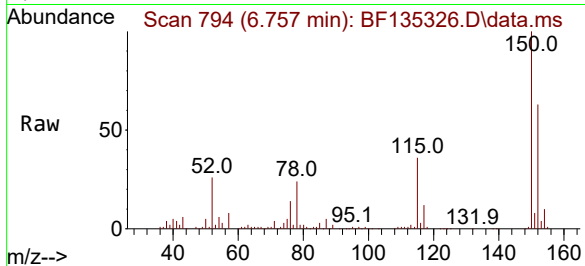




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.757 min Scan# 795
 Delta R.T. -0.006 min
 Lab File: BF135326.D
 Acq: 19 Sep 2023 01:30

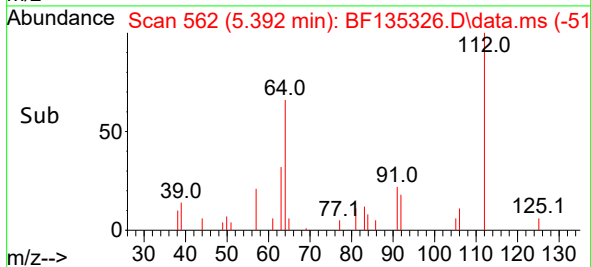
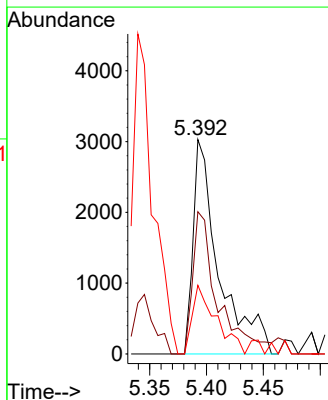
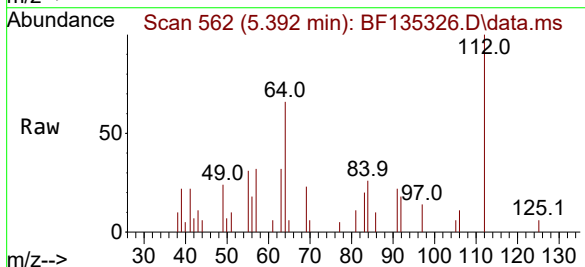
Instrument :
 BNA_F
 ClientSampleId :
 WASTEDL

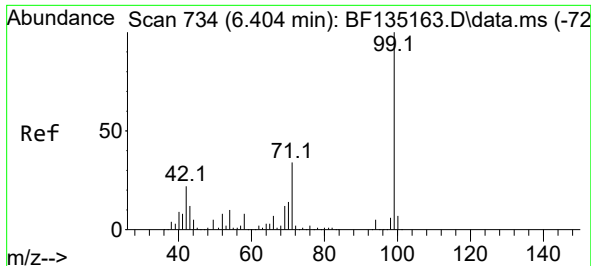
Tgt Ion:152 Resp: 91007
 Ion Ratio Lower Upper
 152 100
 150 158.7 127.8 191.6
 115 57.5 49.8 74.8



#5
 2-Fluorophenol
 Concen: 0.855 ng
 RT: 5.392 min Scan# 562
 Delta R.T. 0.006 min
 Lab File: BF135326.D
 Acq: 19 Sep 2023 01:30

Tgt Ion:112 Resp: 4782
 Ion Ratio Lower Upper
 112 100
 64 66.3 55.9 83.9
 63 32.0 29.0 43.6





#7

Phenol-d6

Concen: 0.951 ng

RT: 6.410 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF135326.D

Acq: 19 Sep 2023 01:30

Instrument :

BNA_F

ClientSampleId :

WASTEDL

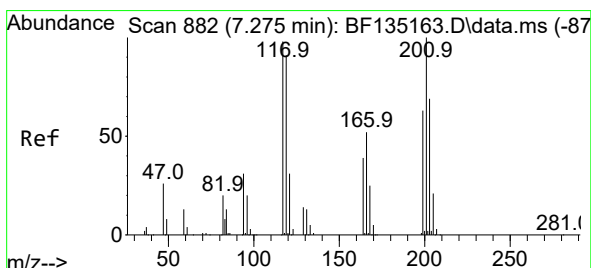
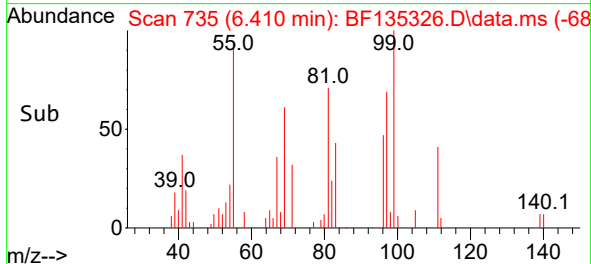
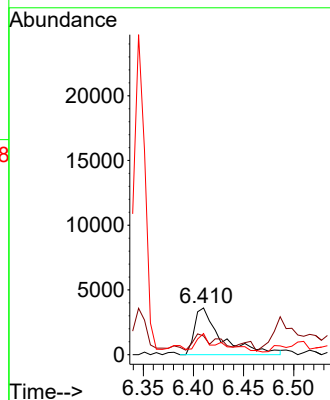
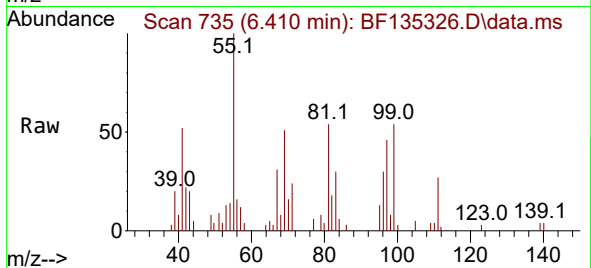
Tgt Ion: 99 Resp: 6766

Ion Ratio Lower Upper

99 100

42 40.1 17.9 26.9#

71 45.3 27.0 40.6#



#18

Hexachloroethane

Concen: 9.848 ng

RT: 7.286 min Scan# 884

Delta R.T. 0.012 min

Lab File: BF135326.D

Acq: 19 Sep 2023 01:30

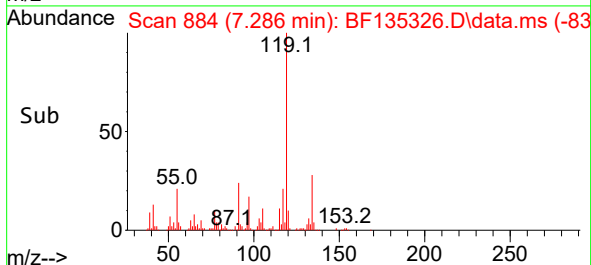
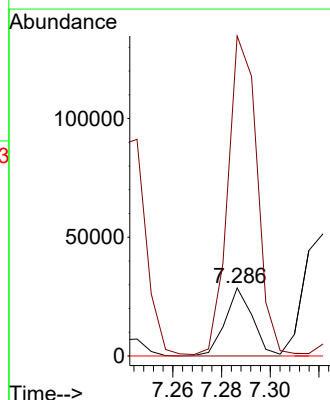
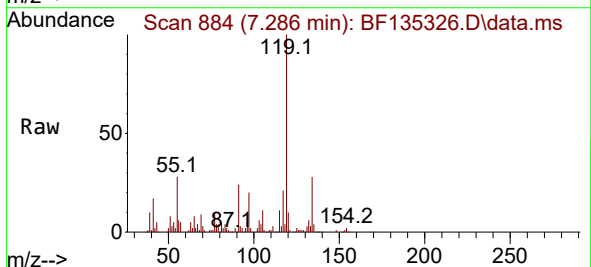
Tgt Ion: 117 Resp: 22474

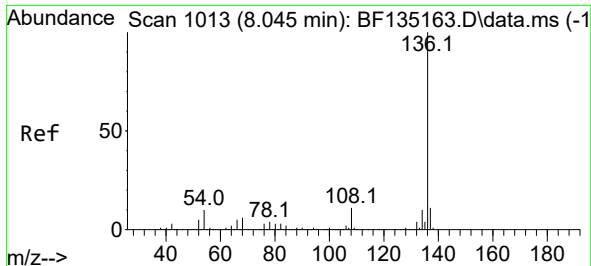
Ion Ratio Lower Upper

117 100

119 470.2 74.7 112.1#

201 0.0 81.8 122.8#

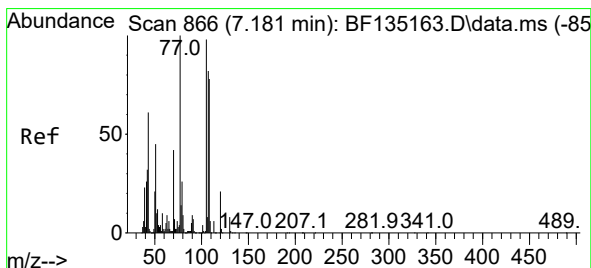
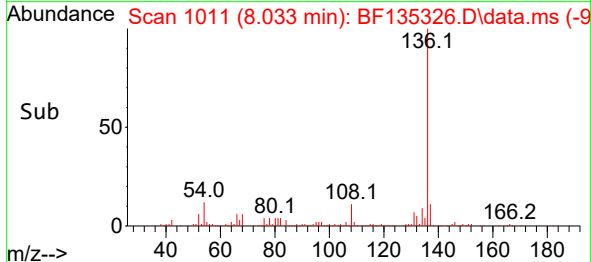
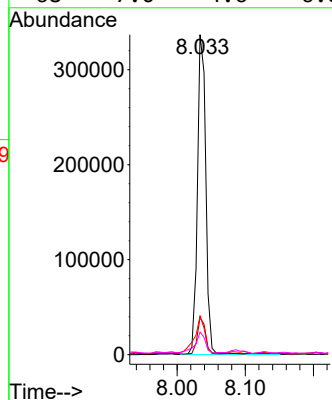
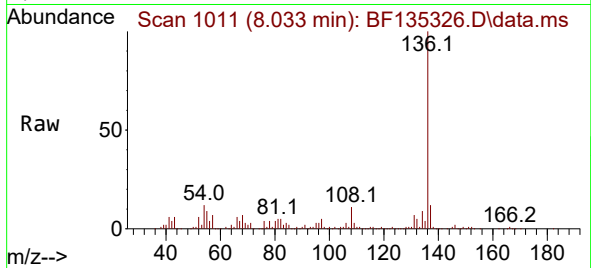




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.033 min Scan# 1011
Delta R.T. -0.012 min
Lab File: BF135326.D
Acq: 19 Sep 2023 01:30

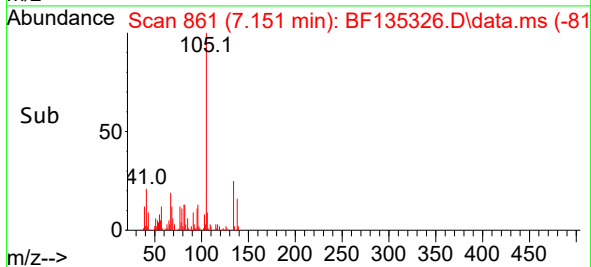
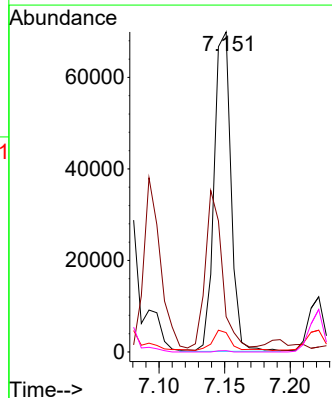
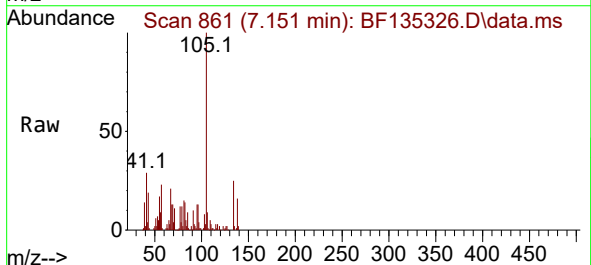
Instrument :
BNA_F
ClientSampleId :
WASTEDL

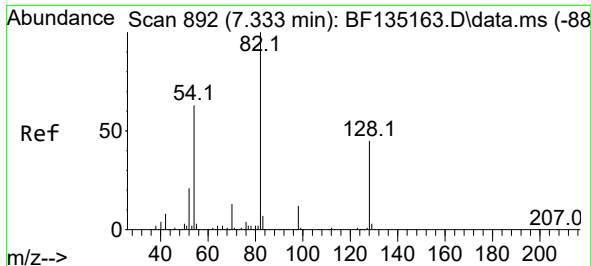
Tgt Ion:136 Resp: 288275
Ion Ratio Lower Upper
136 100
137 11.6 8.8 13.2
54 12.0 7.7 11.5#
68 7.0 4.6 6.8#



#22
Acetophenone
Concen: 9.510 ng
RT: 7.151 min Scan# 861
Delta R.T. -0.029 min
Lab File: BF135326.D
Acq: 19 Sep 2023 01:30

Tgt Ion:105 Resp: 62675
Ion Ratio Lower Upper
105 100
71 11.0 5.8 8.6#
51 6.1 37.0 55.4#
120 0.4 17.0 25.6#





#23

Nitrobenzene-d5

Concen: 0.324 ng

RT: 7.445 min Scan# 911

Delta R.T. 0.112 min

Lab File: BF135326.D

Acq: 19 Sep 2023 01:30

Instrument :

BNA_F

ClientSampleId :

WASTEDL

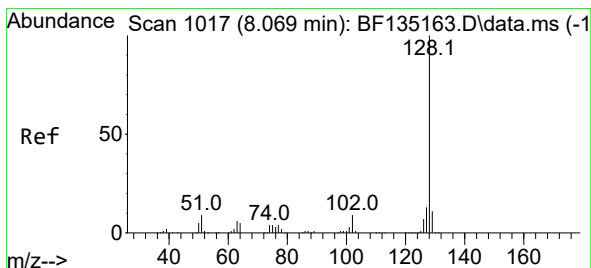
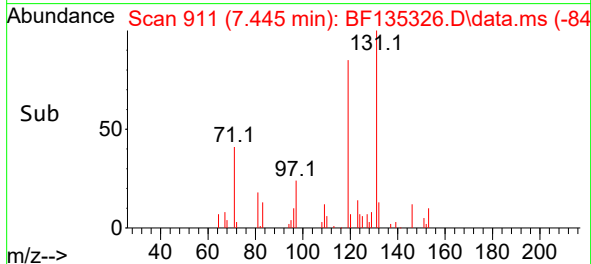
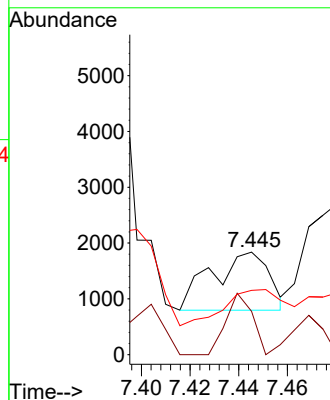
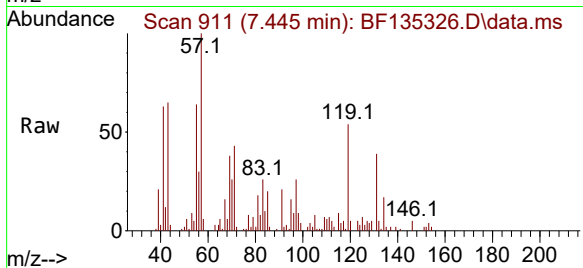
Tgt Ion: 82 Resp: 1718

Ion Ratio Lower Upper

82 100

128 42.3 35.8 53.6

54 62.8 50.6 76.0



#31

Naphthalene

Concen: 9.462 ng

RT: 8.057 min Scan# 1015

Delta R.T. -0.012 min

Lab File: BF135326.D

Acq: 19 Sep 2023 01:30

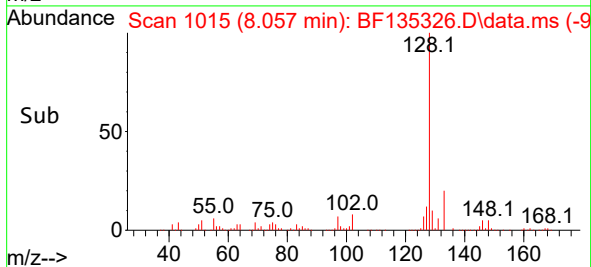
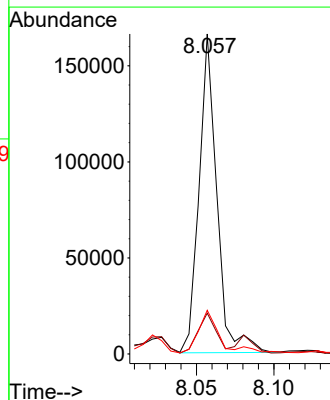
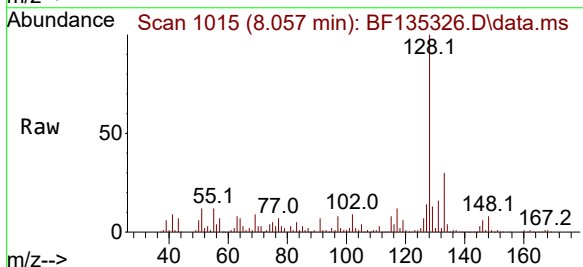
Tgt Ion: 128 Resp: 132522

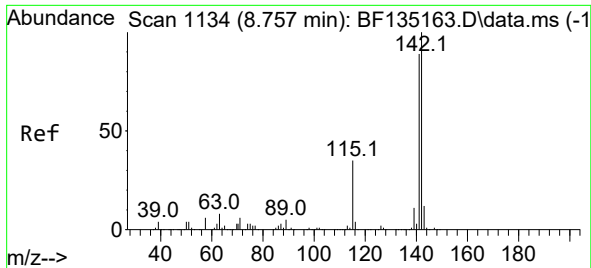
Ion Ratio Lower Upper

128 100

129 12.8 8.7 13.1

127 13.7 10.7 16.1

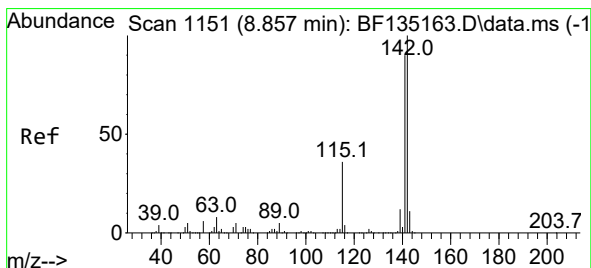
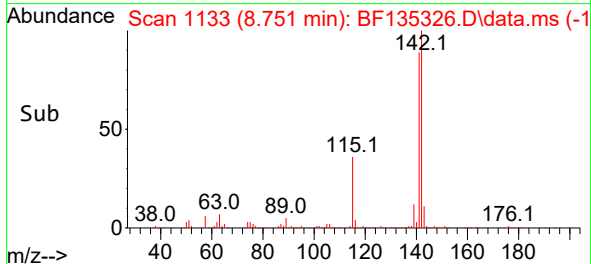
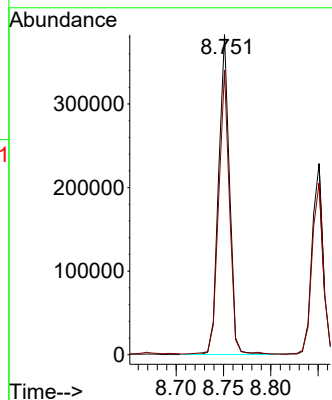
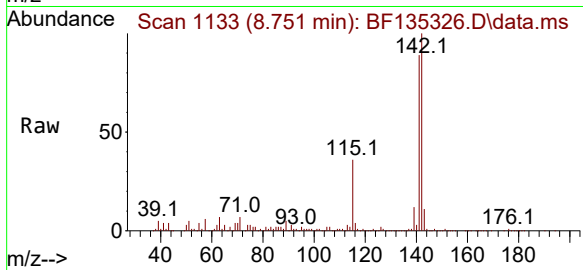




#37
2-Methylnaphthalene
Concen: 32.585 ng
RT: 8.751 min Scan# 1110
Delta R.T. -0.006 min
Lab File: BF135326.D
Acq: 19 Sep 2023 01:30

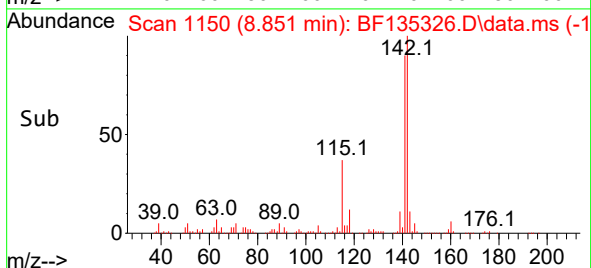
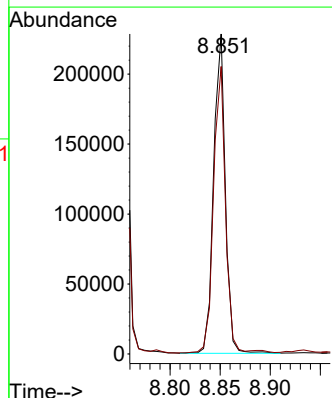
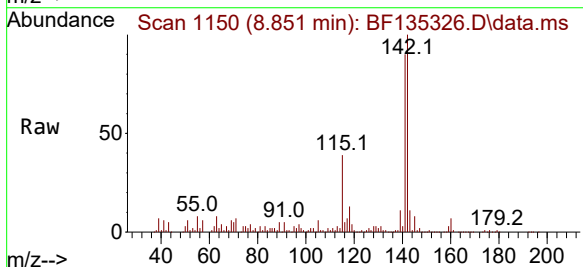
Instrument :
BNA_F
ClientSampleId :
WASTEDL

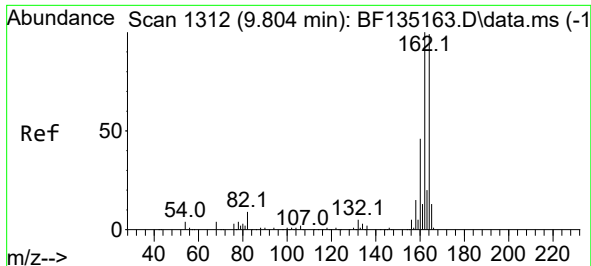
Tgt Ion:142 Resp: 306792
Ion Ratio Lower Upper
142 100
141 88.8 71.0 106.6



#38
1-Methylnaphthalene
Concen: 21.044 ng
RT: 8.851 min Scan# 1150
Delta R.T. -0.006 min
Lab File: BF135326.D
Acq: 19 Sep 2023 01:30

Tgt Ion:142 Resp: 185499
Ion Ratio Lower Upper
142 100
141 89.8 72.4 108.6

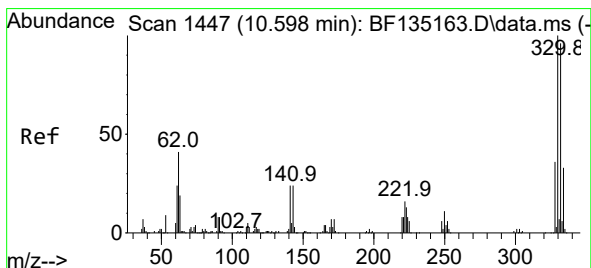
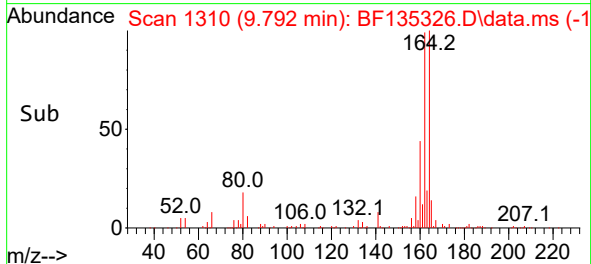
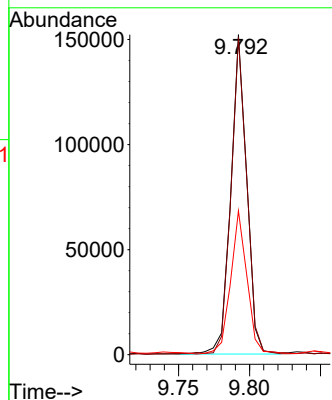
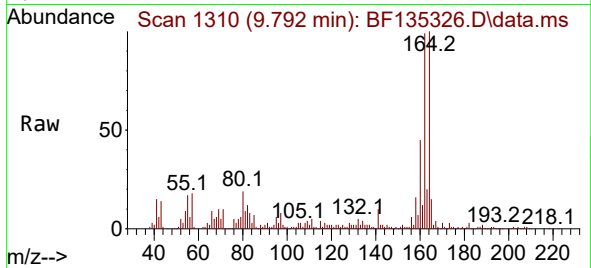




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.792 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF135326.D
Acq: 19 Sep 2023 01:30

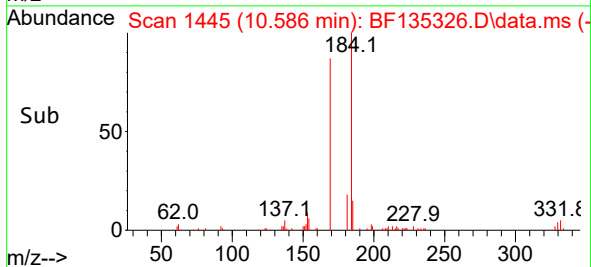
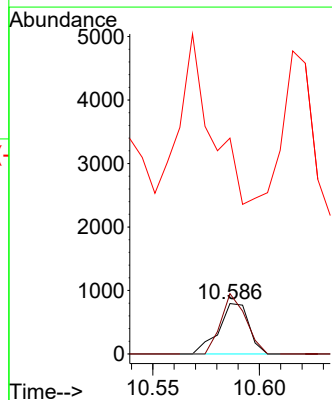
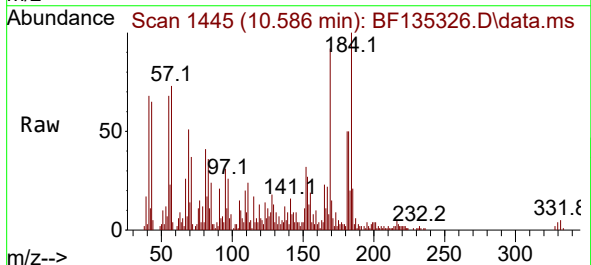
Instrument :
BNA_F
ClientSampleId :
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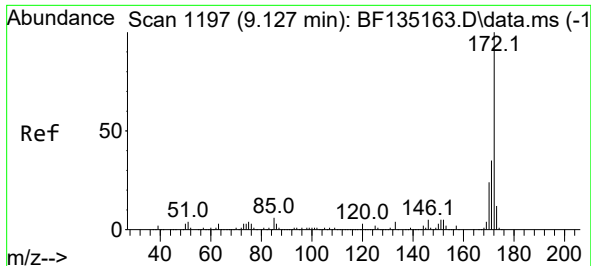
Tgt Ion:164 Resp: 118100
Ion Ratio Lower Upper
164 100
162 99.2 81.0 121.4
160 45.0 37.0 55.4



#42
2,4,6-Tribromophenol
Concen: 0.669 ng
RT: 10.586 min Scan# 1445
Delta R.T. -0.012 min
Lab File: BF135326.D
Acq: 19 Sep 2023 01:30

Tgt Ion:330 Resp: 785
Ion Ratio Lower Upper
330 100
332 98.9 77.3 115.9
141 315.0 25.8 38.8#

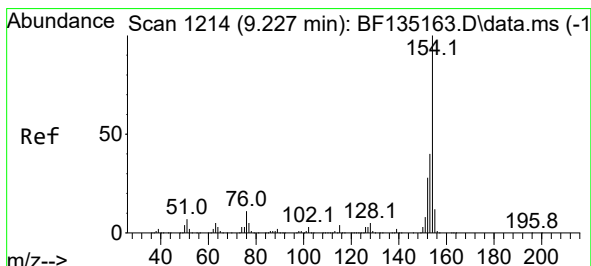
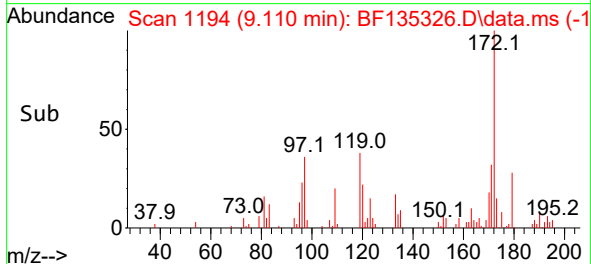
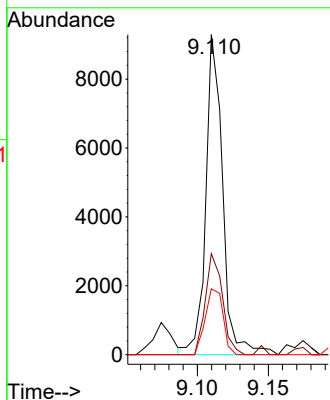
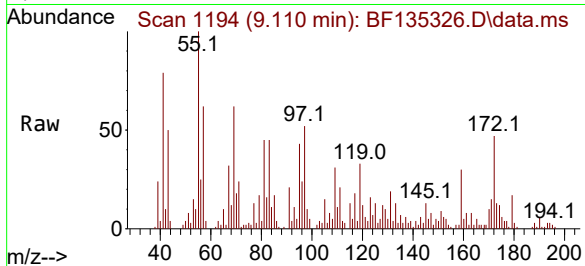




#45
2-Fluorobiphenyl
Concen: 0.978 ng
RT: 9.110 min Scan# 1194
Delta R.T. -0.018 min
Lab File: BF135326.D
Acq: 19 Sep 2023 01:30

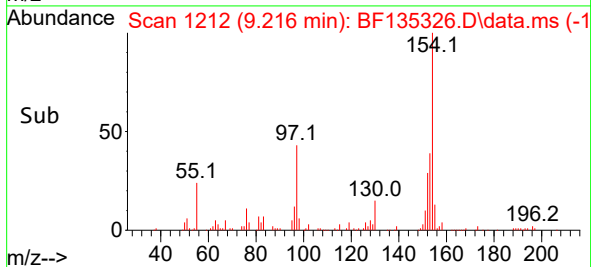
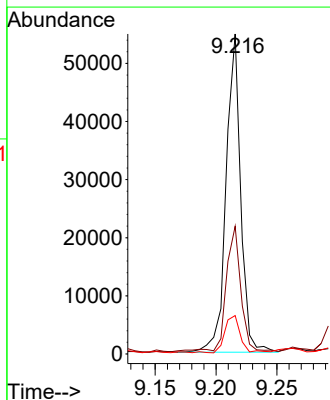
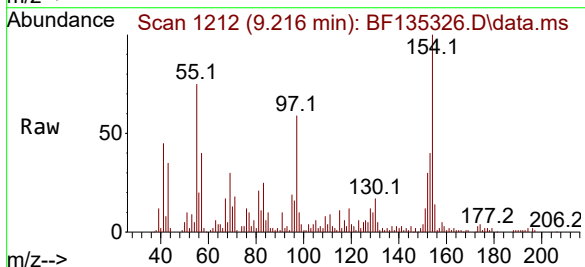
Instrument :
BNA_F
ClientSampleId :
WASTEDL

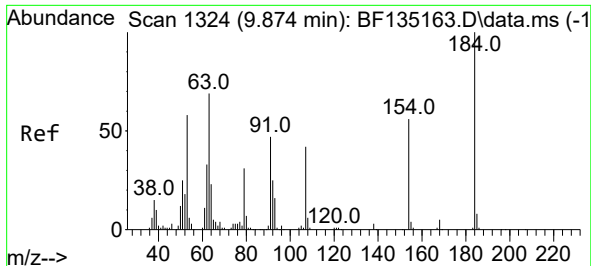
Tgt Ion:172 Resp: 7653
Ion Ratio Lower Upper
172 100
171 31.5 28.4 42.6
170 20.6 19.0 28.4



#46
1,1'-Biphenyl
Concen: 5.027 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.012 min
Lab File: BF135326.D
Acq: 19 Sep 2023 01:30

Tgt Ion:154 Resp: 45625
Ion Ratio Lower Upper
154 100
153 39.9 19.6 59.6
76 12.0 0.0 31.0

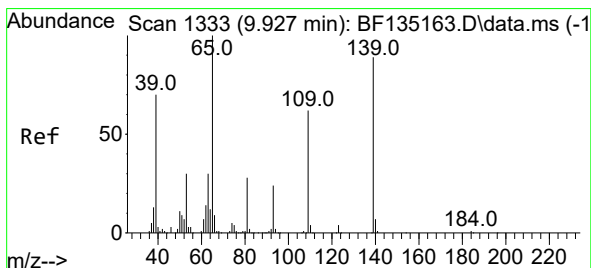
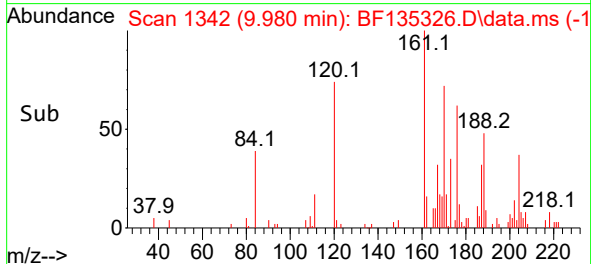
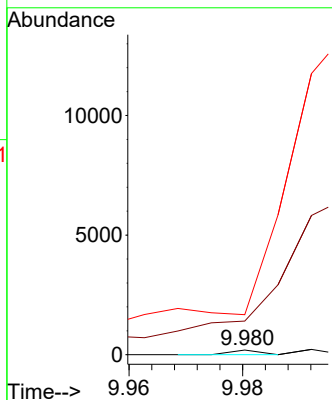
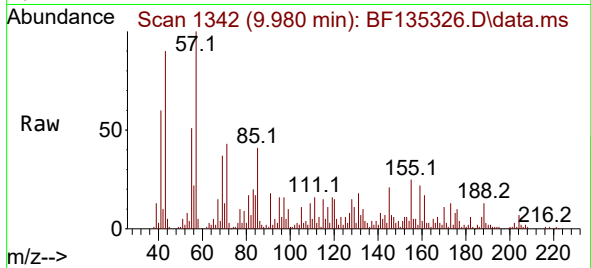




#54
2,4-Dinitrophenol
Concen: 6.313 ng
RT: 9.980 min Scan# 11
Delta R.T. 0.106 min
Lab File: BF135326.D
Acq: 19 Sep 2023 01:30

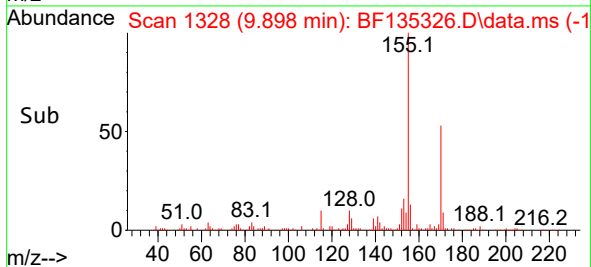
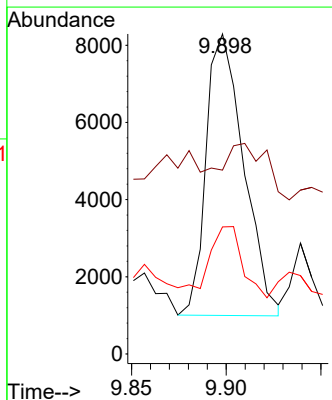
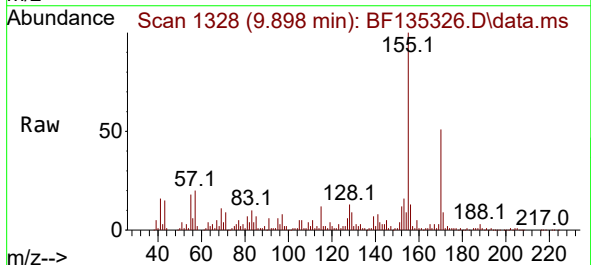
Instrument :
BNA_F
ClientSampleId :
WASTEDL

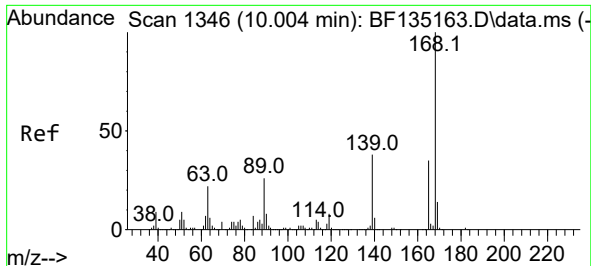
Tgt Ion:184 Resp: 70
Ion Ratio Lower Upper
184 100
63 714.7 55.1 82.7#
154 850.3 48.4 72.6#



#56
4-Nitrophenol
Concen: 7.723 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.029 min
Lab File: BF135326.D
Acq: 19 Sep 2023 01:30

Tgt Ion:139 Resp: 10078
Ion Ratio Lower Upper
139 100
109 57.4 49.8 89.8
65 39.7 92.7 132.7#

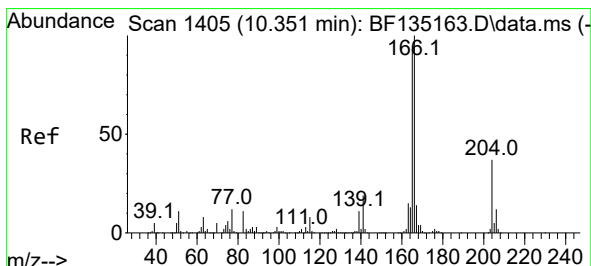
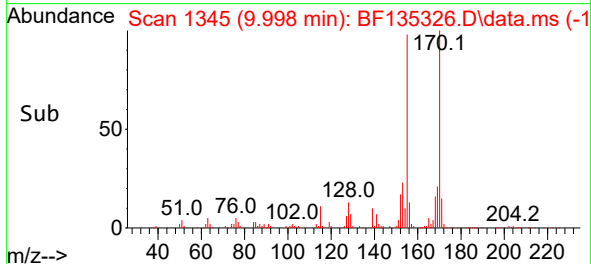
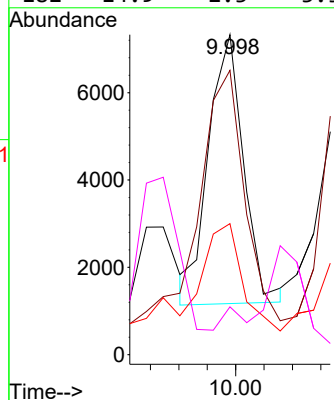
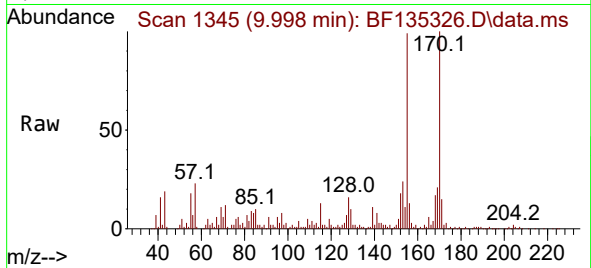




#57
2,4-Dinitrotoluene
Concen: 2.407 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135326.D
Acq: 19 Sep 2023 01:30

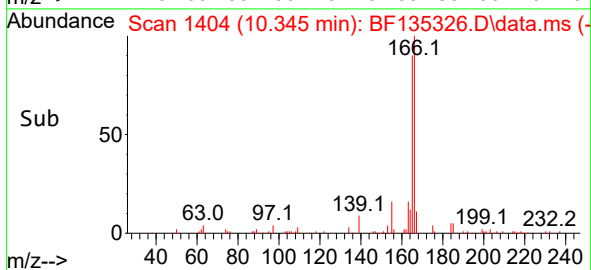
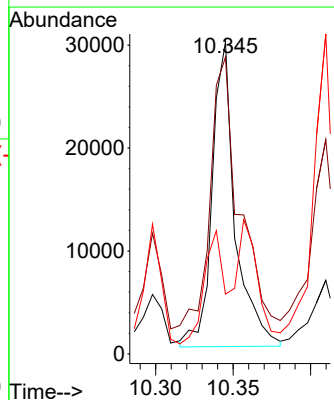
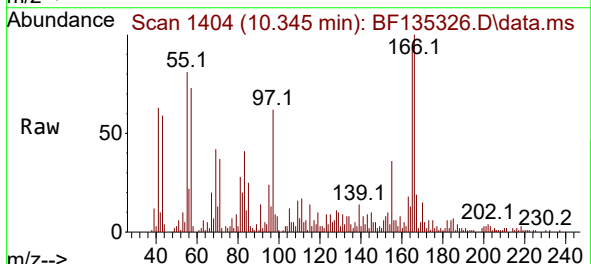
Instrument :
BNA_F
ClientSampleId :
WASTEDL

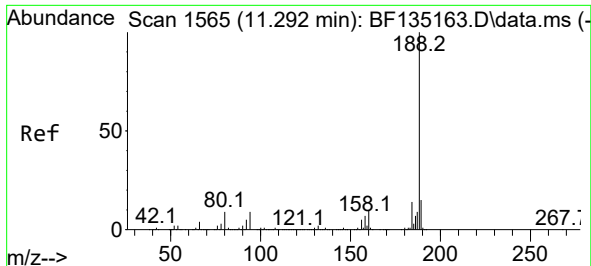
Tgt Ion:165 Resp: 5270
Ion Ratio Lower Upper
165 100
63 88.9 50.1 75.1#
89 40.9 59.3 88.9#
182 14.9 2.3 3.5#



#58
Fluorene
Concen: 4.041 ng
RT: 10.345 min Scan# 1404
Delta R.T. -0.006 min
Lab File: BF135326.D
Acq: 19 Sep 2023 01:30

Tgt Ion:166 Resp: 30647
Ion Ratio Lower Upper
166 100
165 95.1 74.3 111.5
167 19.2 10.9 16.3#

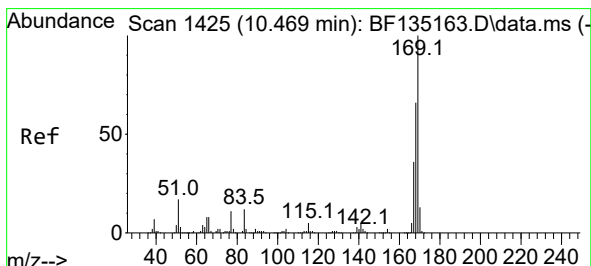
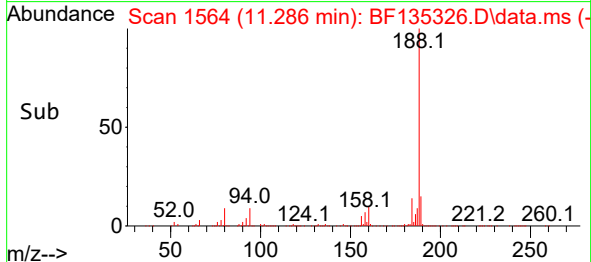
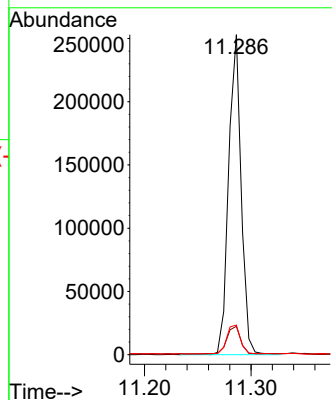
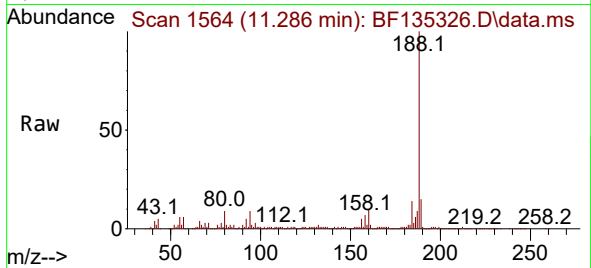




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.286 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135326.D
Acq: 19 Sep 2023 01:30

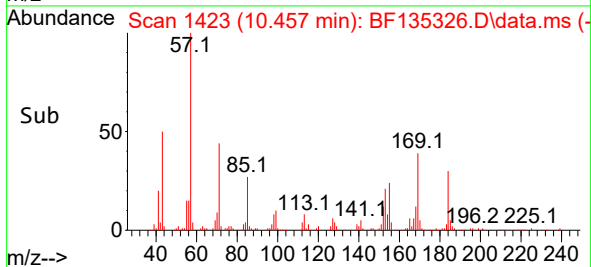
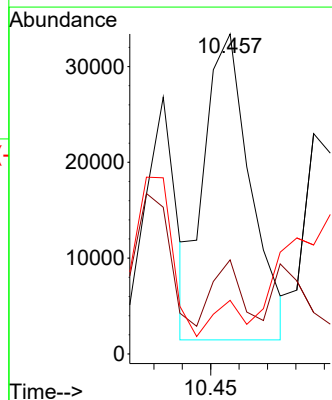
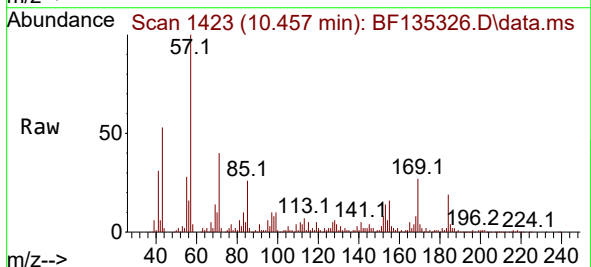
Instrument :
BNA_F
ClientSampleId :
WASTEDL

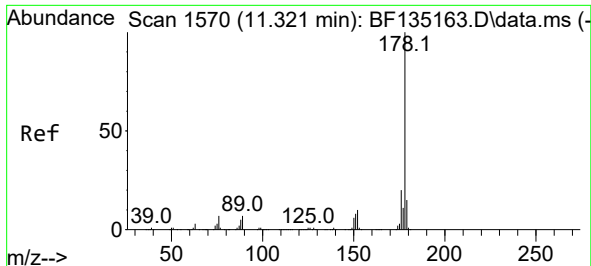
Tgt Ion:188 Resp: 206786
Ion Ratio Lower Upper
188 100
94 8.8 7.0 10.6
80 9.3 7.5 11.3



#66
n-Nitrosodiphenylamine
Concen: 5.786 ng
RT: 10.457 min Scan# 1423
Delta R.T. -0.012 min
Lab File: BF135326.D
Acq: 19 Sep 2023 01:30

Tgt Ion:169 Resp: 36222
Ion Ratio Lower Upper
169 100
168 29.4 52.8 79.2#
167 16.8 29.0 43.6#

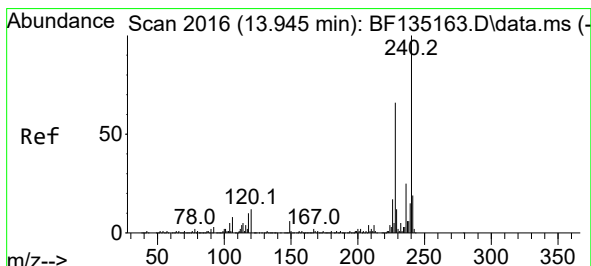
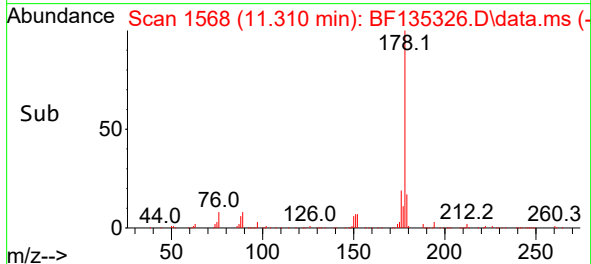
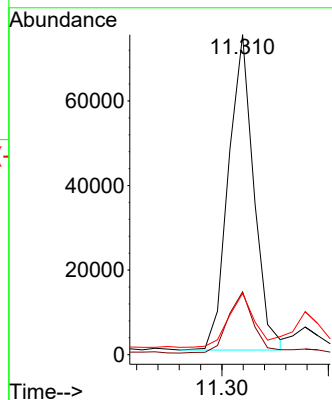
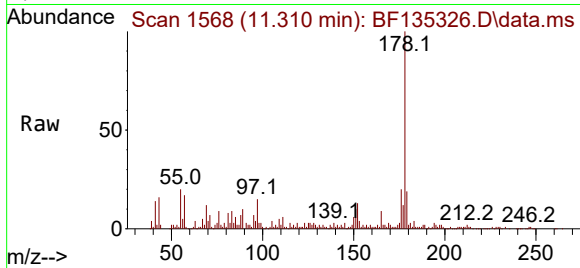




#71
Phenanthrene
Concen: 6.309 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF135326.D
Acq: 19 Sep 2023 01:30

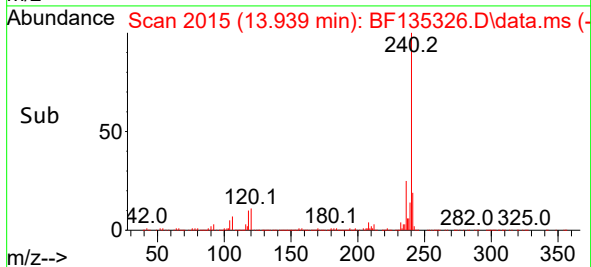
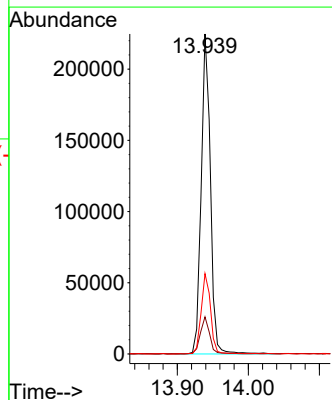
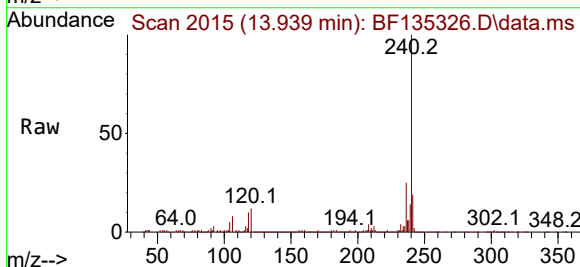
Instrument :
BNA_F
ClientSampleId :
WASTEDL

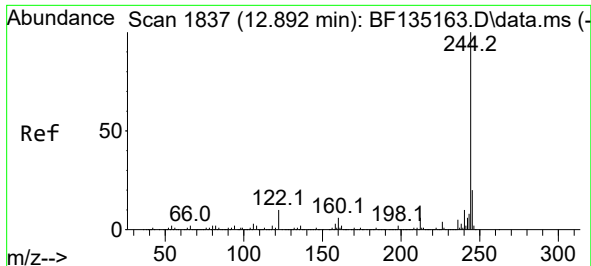
Tgt Ion:178 Resp: 61707
Ion Ratio Lower Upper
178 100
176 19.6 15.6 23.4
179 19.2 12.0 18.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF135326.D
Acq: 19 Sep 2023 01:30

Tgt Ion:240 Resp: 203142
Ion Ratio Lower Upper
240 100
120 11.6 9.4 14.2
236 25.1 19.8 29.8

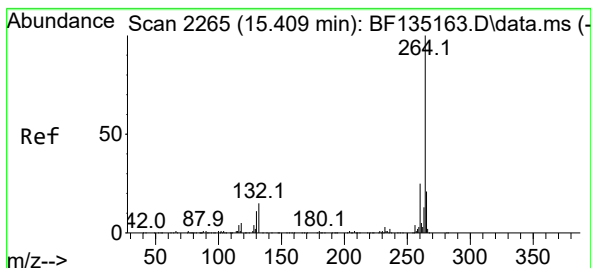
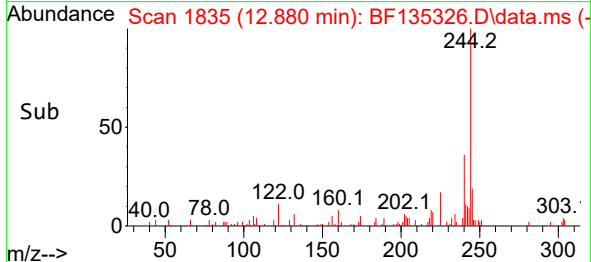
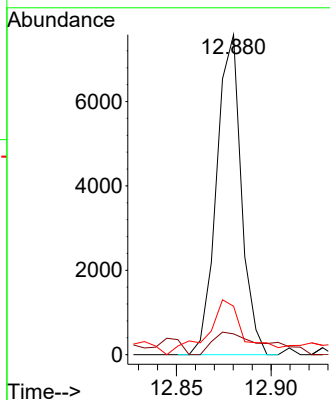
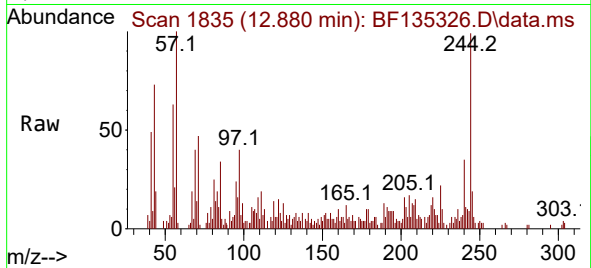




#79
 Terphenyl-d14
 Concen: 0.527 ng
 RT: 12.880 min Scan# 1835
 Delta R.T. -0.012 min
 Lab File: BF135326.D
 Acq: 19 Sep 2023 01:30

Instrument :
 BNA_F
 ClientSampleId :
 WASTEDL

Tgt Ion:244 Resp: 6900
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.1 7.7
 122 15.2 7.9 11.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.404 min Scan# 2264
 Delta R.T. -0.006 min
 Lab File: BF135326.D
 Acq: 19 Sep 2023 01:30

Tgt Ion:264 Resp: 153529
 Ion Ratio Lower Upper
 264 100
 260 22.1 19.8 29.6
 265 21.1 17.0 25.4

