

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082622\
 Data File : BF130018.D
 Acq On : 26 Aug 2022 14:30
 Operator : CG\JU
 Sample : N4354-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-25

Quant Time: Aug 27 06:07:42 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 25 14:45:09 2022
 Response via : Initial Calibration

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

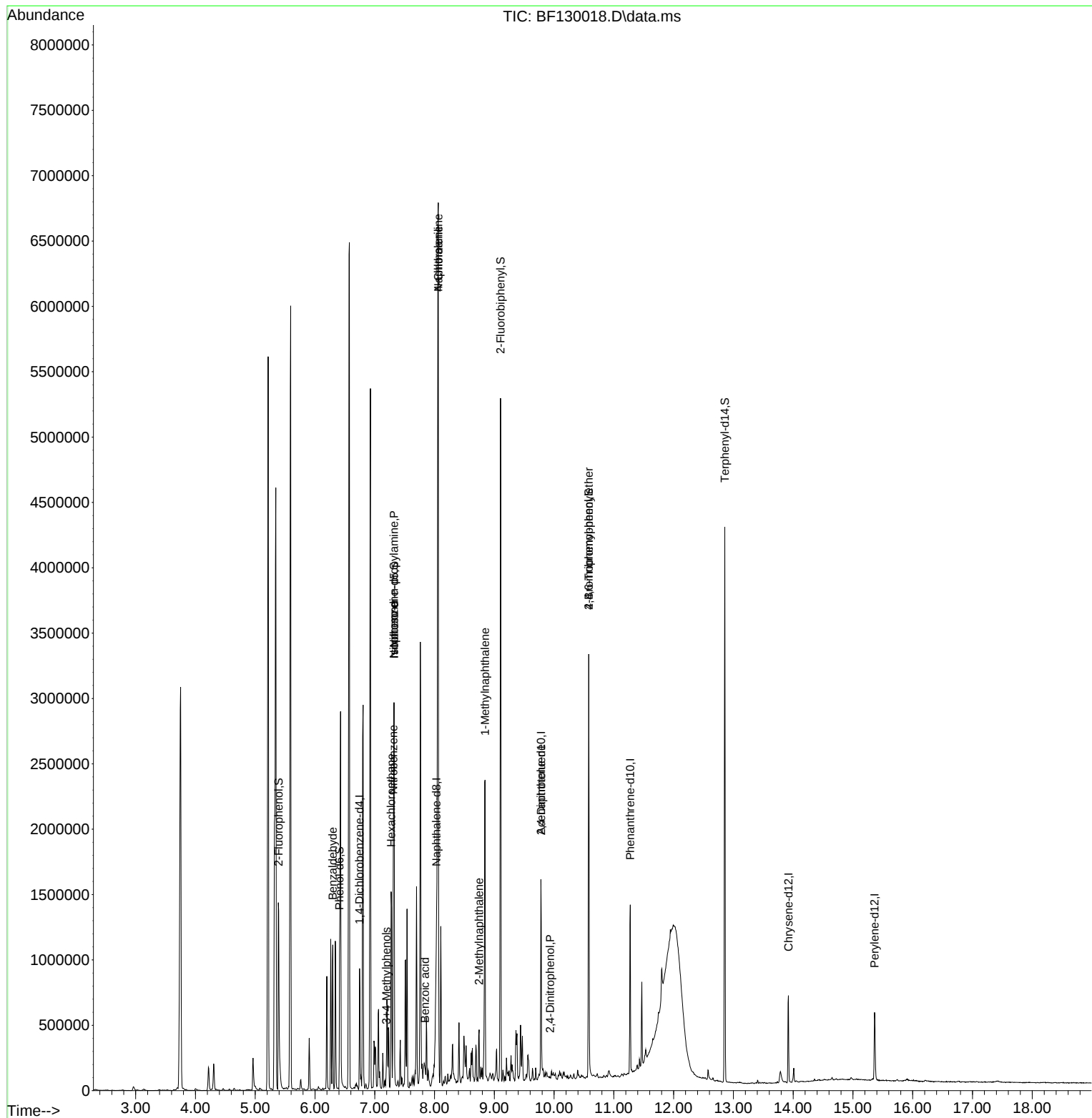
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.745	152	130013	20.000	ng	-0.01
21) Naphthalene-d8	8.033	136	535656	20.000	ng	0.00
39) Acenaphthene-d10	9.780	164	283418	20.000	ng	-0.01
64) Phenanthrene-d10	11.274	188	451621	20.000	ng	0.00
76) Chrysene-d12	13.921	240	223853	20.000	ng	0.00
86) Perylene-d12	15.362	264	227885	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.392	112	498743	63.514	ng	0.00
7) Phenol-d6	6.410	99	389063	39.565	ng	-0.01
23) Nitrobenzene-d5	7.322	82	862240	86.170	ng	-0.01
42) 2,4,6-Tribromophenol	10.580	330	370457	130.235	ng	0.00
45) 2-Fluorobiphenyl	9.104	172	1589329	85.170	ng	-0.01
79) Terphenyl-d14	12.857	244	1332277	99.030	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.298	77	44835	2.186	ng	# 1
18) Hexachloroethane	7.275	117	140171	38.710	ng	# 1
19) n-Nitroso-di-n-propyla...	7.322	70	117989	18.983	ng	# 77
20) 3+4-Methylphenols	7.192	107	31437	3.337	ng	87
24) Nitrobenzene	7.310	77	24625	2.441	ng	# 1
25) Isophorone	7.322	82	860625	49.971	ng	# 65
31) Naphthalene	8.063	128	3568039	127.396	ng	98
32) Benzoic acid	7.839	122	11375	6.698	ng	# 1
33) 4-Chloroaniline	8.063	127	491793	44.652	ng	# 34
37) 2-Methylnaphthalene	8.745	142	76256	4.148	ng	99
38) 1-Methylnaphthalene	8.845	142	590501	33.054	ng	99
54) 2,4-Dinitrophenol	9.933	184	577	5.742	ng	# 68
57) 2,4-Dinitrotoluene	9.780	165	38832	6.787	ng	# 20
67) 4-Bromophenyl-phenylether	10.580	248	23768	4.493	ng	# 1
77) Benzidine	12.610	184	825	Below Cal		# 1

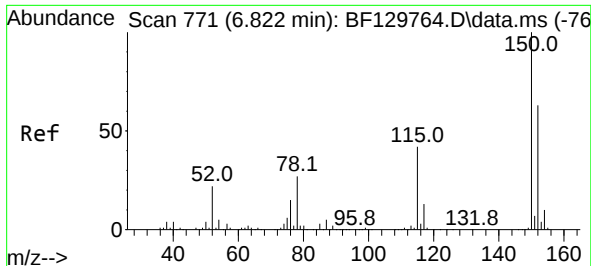
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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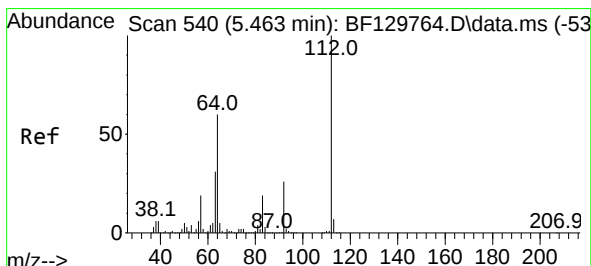
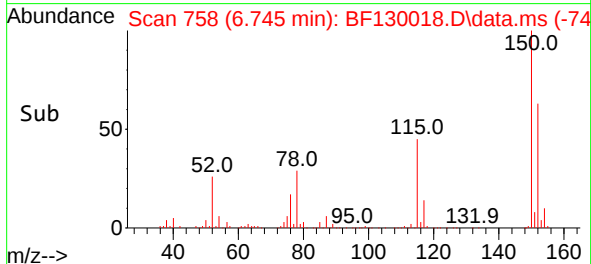
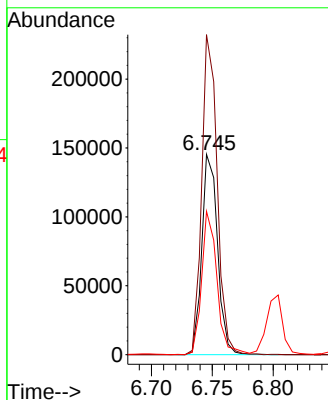
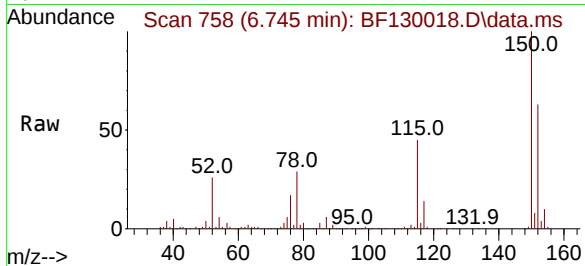




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.745 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF130018.D
Acq: 26 Aug 2022 14:30

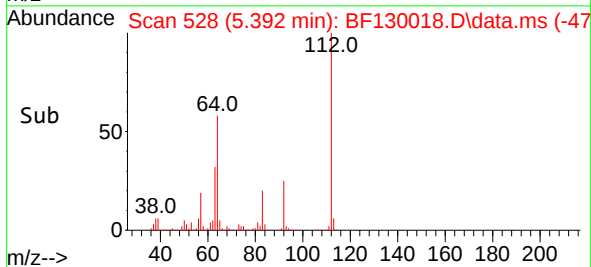
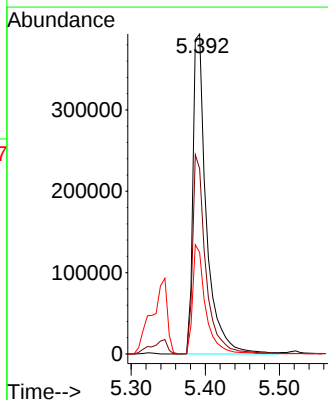
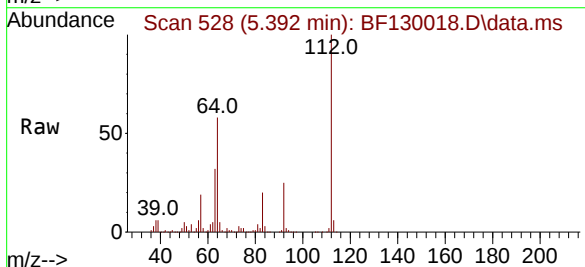
Instrument :
BNA_F
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MW-25

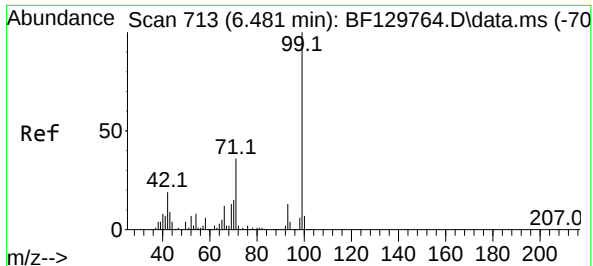
Tgt Ion:152 Resp: 130013
Ion Ratio Lower Upper
152 100
150 159.8 126.9 190.3
115 71.6 53.4 80.0



#5
2-Fluorophenol
Concen: 63.514 ng
RT: 5.392 min Scan# 528
Delta R.T. -0.000 min
Lab File: BF130018.D
Acq: 26 Aug 2022 14:30

Tgt Ion:112 Resp: 498743
Ion Ratio Lower Upper
112 100
64 57.9 47.6 71.4
63 31.7 24.6 37.0

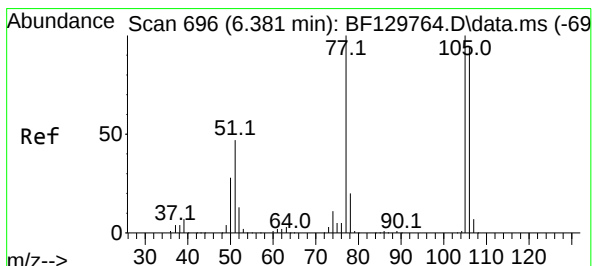
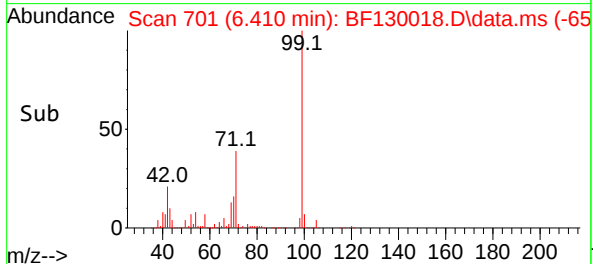
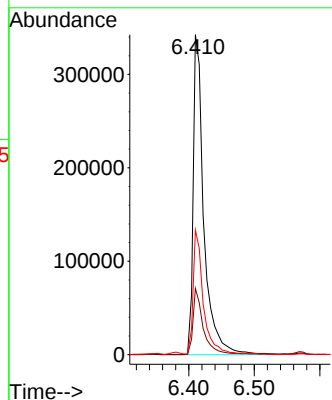
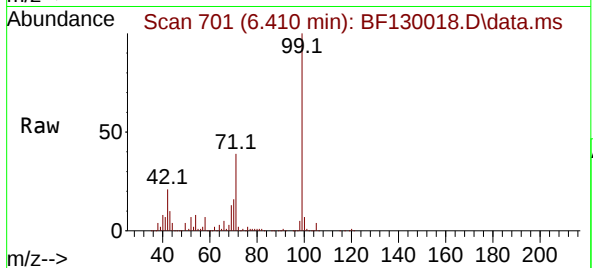




#7
Phenol-d6
Concen: 39.565 ng
RT: 6.410 min Scan# 701
Delta R.T. -0.012 min
Lab File: BF130018.D
Acq: 26 Aug 2022 14:30

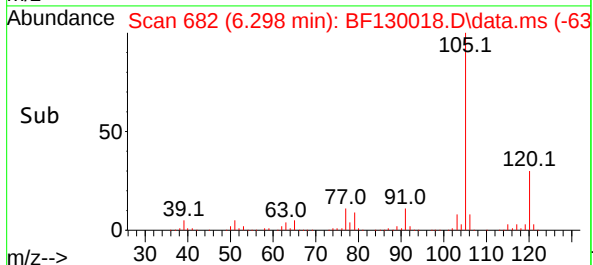
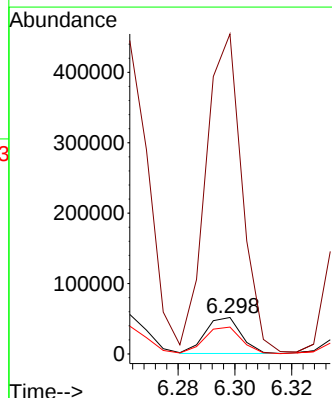
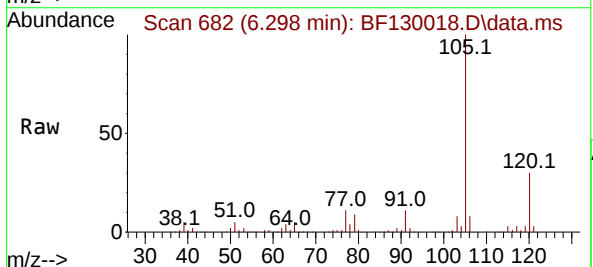
Instrument :
BNA_F
ClientSampleId :
MW-25

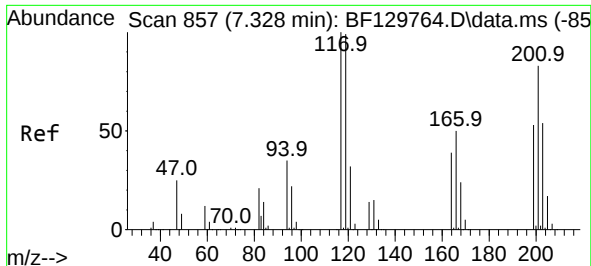
Tgt Ion: 99 Resp: 389063
Ion Ratio Lower Upper
99 100
42 20.7 15.0 22.4
71 39.0 28.8 43.2



#9
Benzaldehyde
Concen: 2.186 ng
RT: 6.298 min Scan# 682
Delta R.T. -0.018 min
Lab File: BF130018.D
Acq: 26 Aug 2022 14:30

Tgt Ion: 77 Resp: 44835
Ion Ratio Lower Upper
77 100
105 878.4 80.3 120.3#
106 73.8 74.3 114.3#

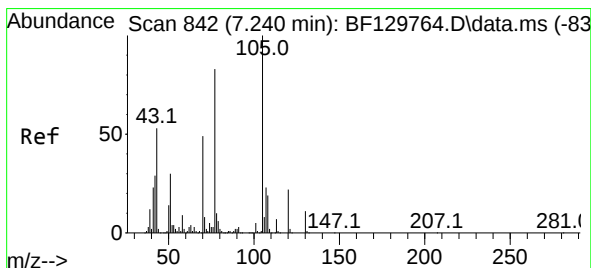
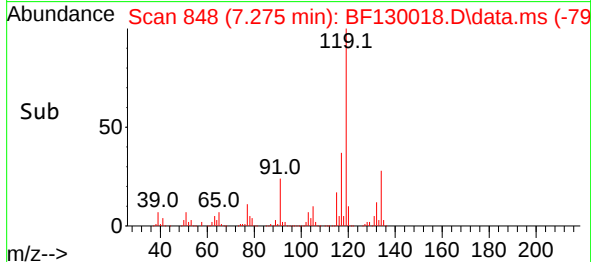
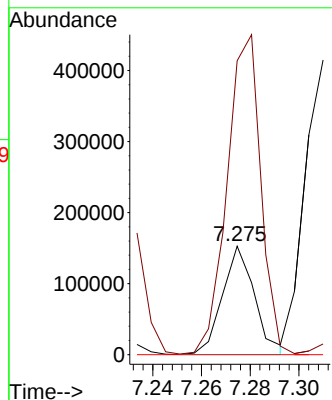
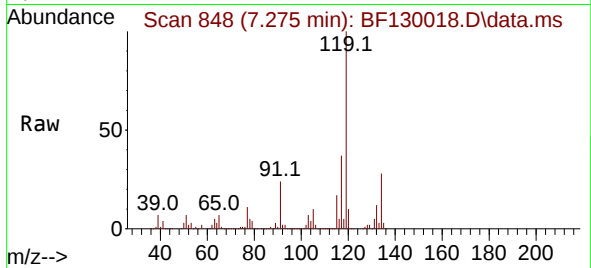




#18
Hexachloroethane
Concen: 38.710 ng
RT: 7.275 min Scan# 84
Delta R.T. 0.012 min
Lab File: BF130018.D
Acq: 26 Aug 2022 14:30

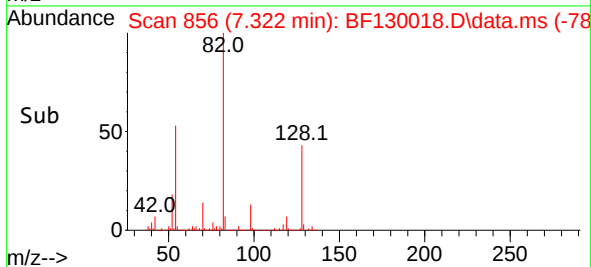
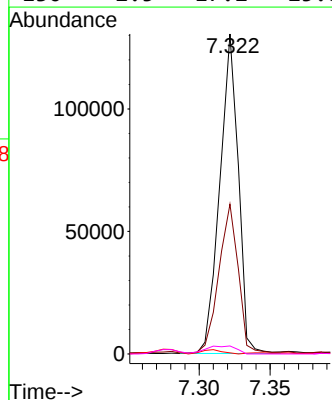
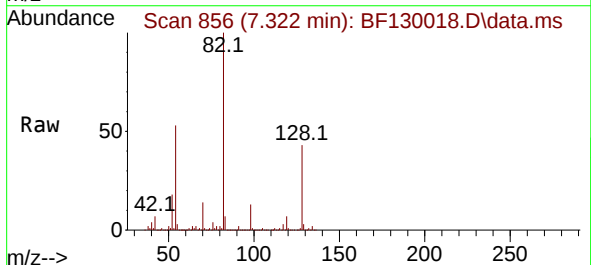
Instrument :
BNA_F
ClientSampleId :
MW-25

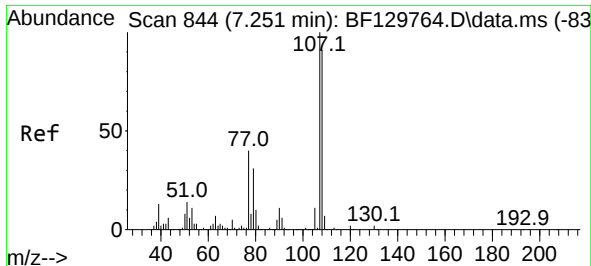
Tgt Ion:117 Resp: 140171
Ion Ratio Lower Upper
117 100
119 271.0 79.1 118.7#
201 0.0 66.6 100.0#



#19
n-Nitroso-di-n-propylamine
Concen: 18.983 ng
RT: 7.322 min Scan# 856
Delta R.T. 0.141 min
Lab File: BF130018.D
Acq: 26 Aug 2022 14:30

Tgt Ion: 70 Resp: 117989
Ion Ratio Lower Upper
70 100
42 46.8 47.6 71.4#
101 0.3 8.1 12.1#
130 2.5 17.2 25.8#

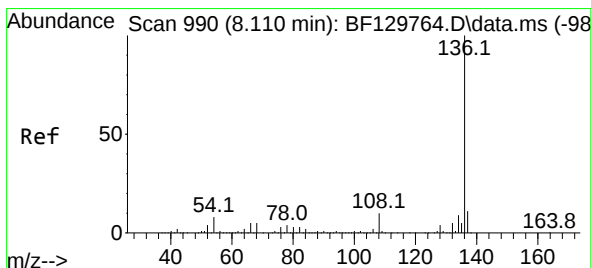
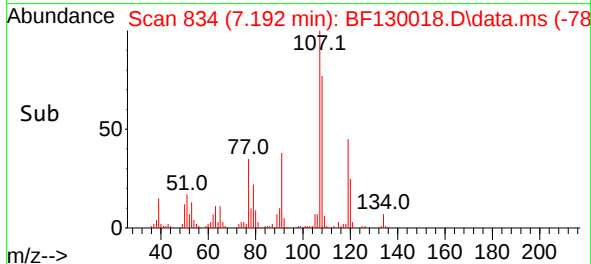
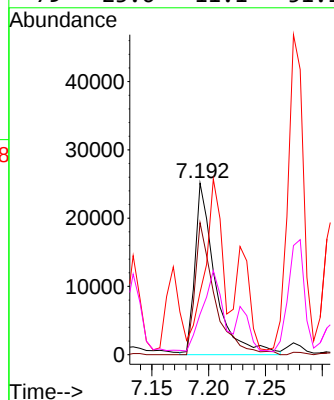
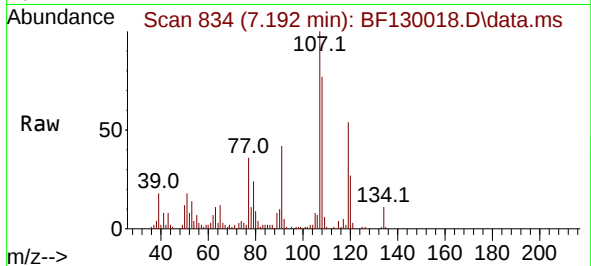




#20
3+4-Methylphenols
Concen: 3.337 ng
RT: 7.192 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF130018.D
Acq: 26 Aug 2022 14:30

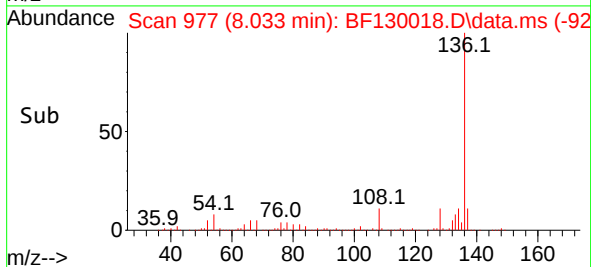
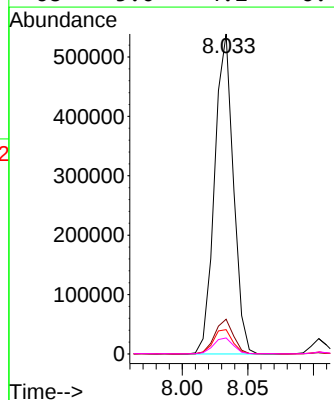
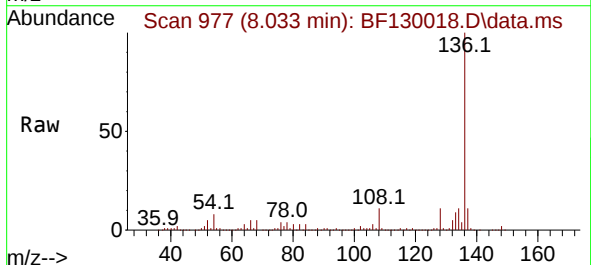
Instrument :
BNA_F
ClientSampleId :
MW-25

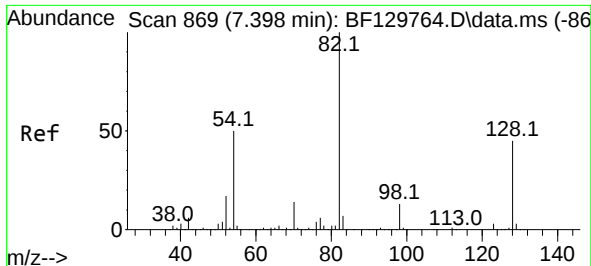
Tgt Ion:107	Resp:	31437
Ion	Ratio	Lower Upper
107	100	
108	76.9	71.3 111.3
77	36.3	20.4 60.4
79	23.6	11.1 51.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.033 min Scan# 977
Delta R.T. -0.006 min
Lab File: BF130018.D
Acq: 26 Aug 2022 14:30

Tgt Ion:136	Resp:	535656
Ion	Ratio	Lower Upper
136	100	
137	10.9	8.4 12.6
54	7.6	6.2 9.2
68	5.0	4.2 6.4





#23

Nitrobenzene-d5

Concen: 86.170 ng

RT: 7.322 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF130018.D

Acq: 26 Aug 2022 14:30

Instrument :

BNA_F

ClientSampleId :

MW-25

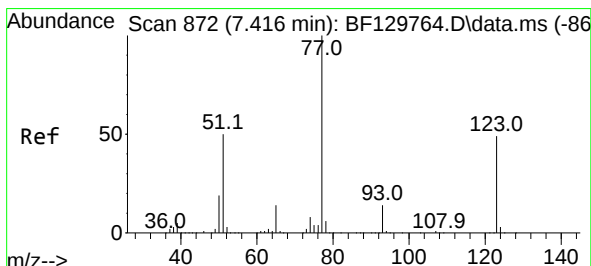
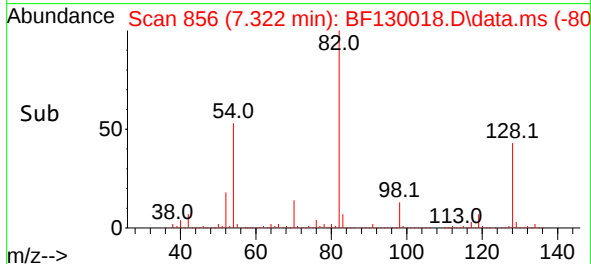
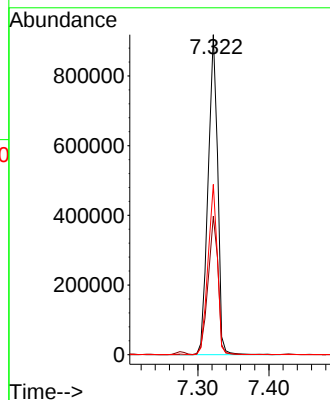
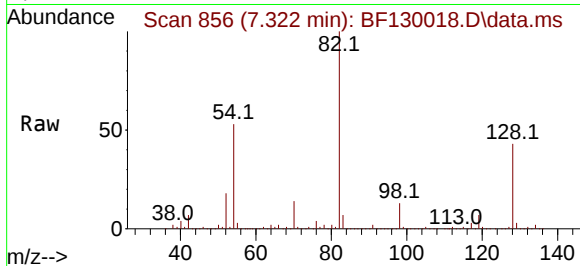
Tgt Ion: 82 Resp: 862240

Ion Ratio Lower Upper

82 100

128 43.3 36.1 54.1

54 53.2 40.0 60.0



#24

Nitrobenzene

Concen: 2.441 ng

RT: 7.310 min Scan# 854

Delta R.T. -0.041 min

Lab File: BF130018.D

Acq: 26 Aug 2022 14:30

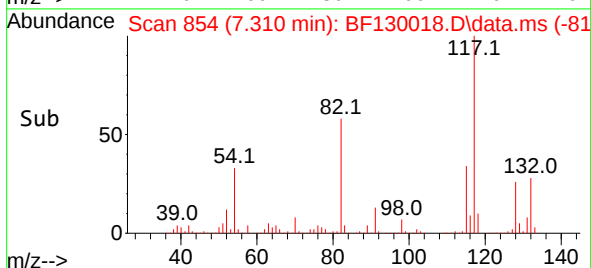
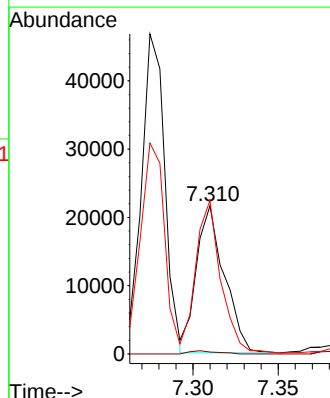
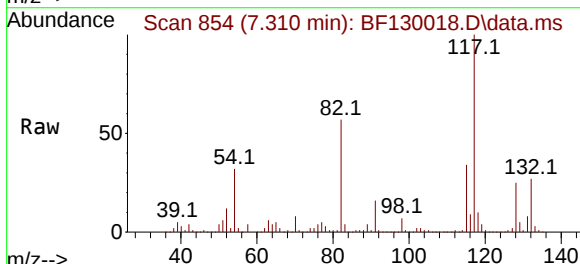
Tgt Ion: 77 Resp: 24625

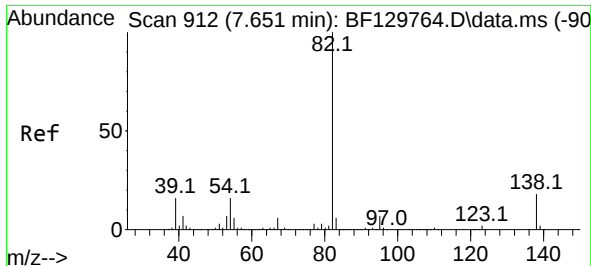
Ion Ratio Lower Upper

77 100

123 1.3 39.2 58.8#

65 103.6 11.1 16.7#

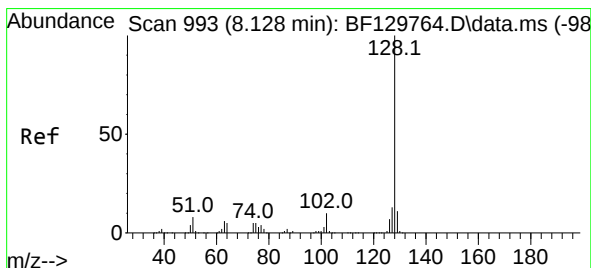
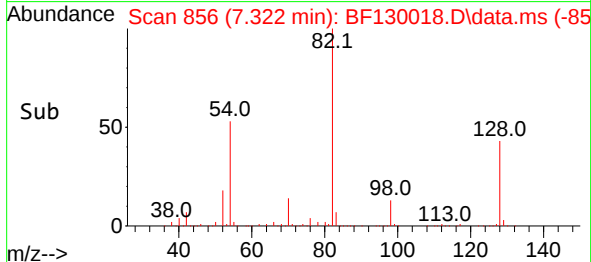
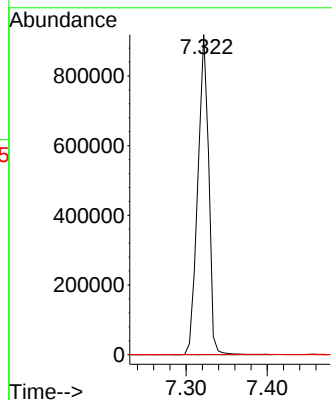
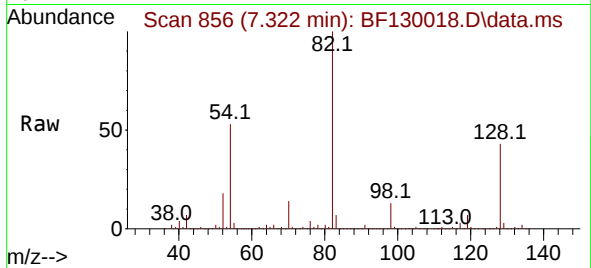




#25
Isophorone
Concen: 49.971 ng
RT: 7.322 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF130018.D
Acq: 26 Aug 2022 14:30

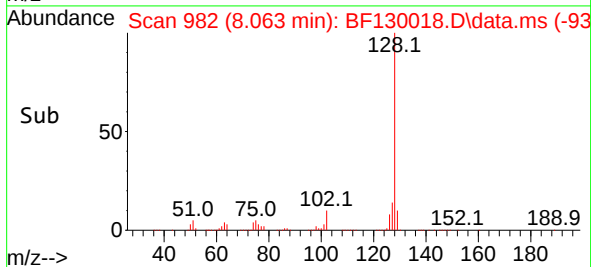
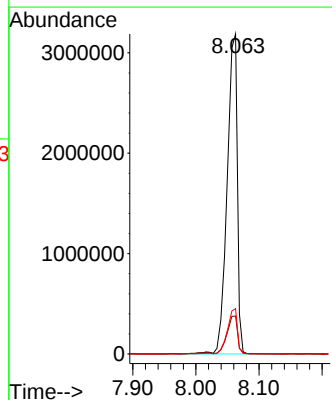
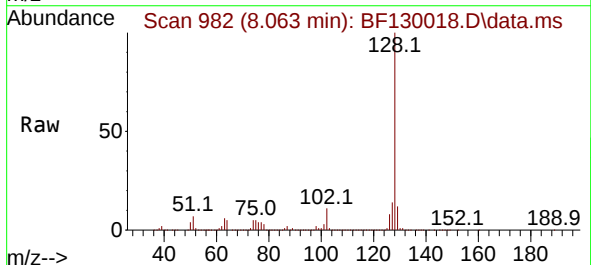
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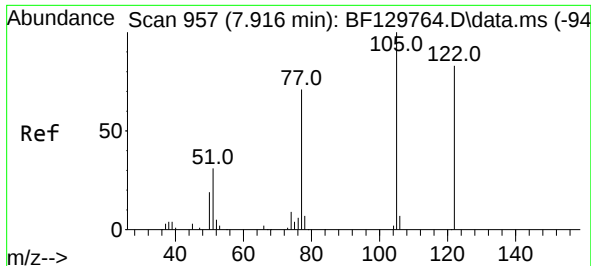
Tgt Ion: 82 Resp: 860625
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#



#31
Naphthalene
Concen: 127.396 ng
RT: 8.063 min Scan# 982
Delta R.T. -0.000 min
Lab File: BF130018.D
Acq: 26 Aug 2022 14:30

Tgt Ion:128 Resp: 3568039
Ion Ratio Lower Upper
128 100
129 11.8 8.9 13.3
127 14.1 10.7 16.1

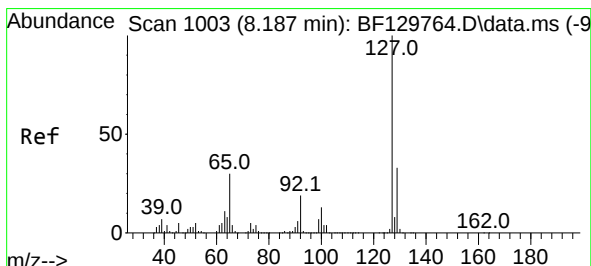
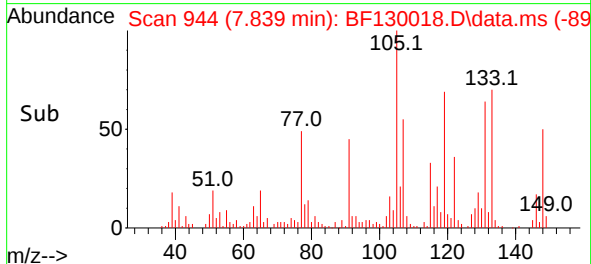
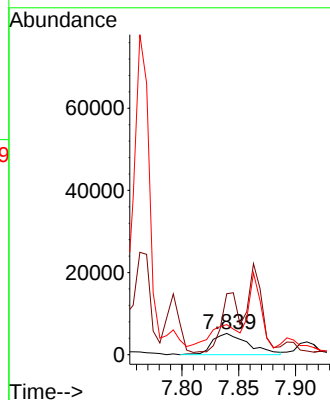
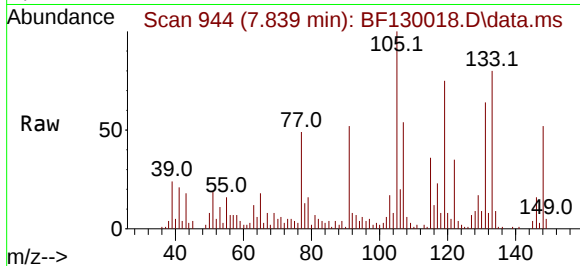




#32
Benzoic acid
Concen: 6.698 ng
RT: 7.839 min Scan# 94
Delta R.T. -0.024 min
Lab File: BF130018.D
Acq: 26 Aug 2022 14:30

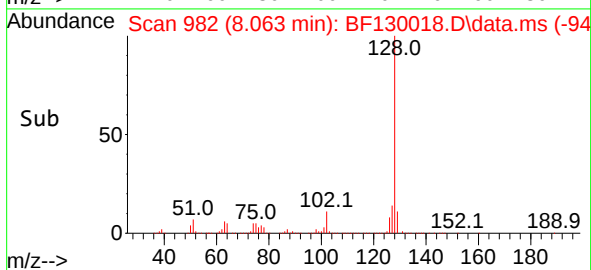
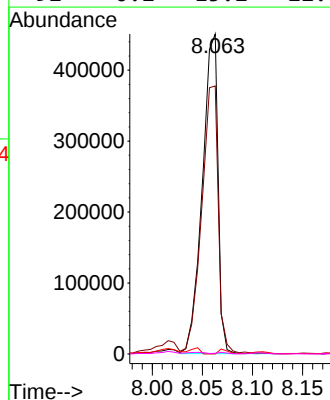
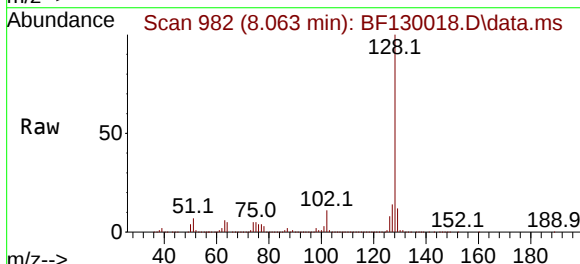
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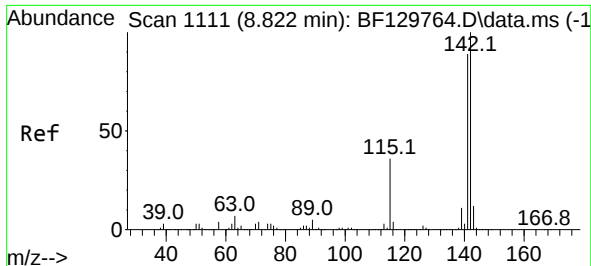
Tgt Ion:122 Resp: 11375
Ion Ratio Lower Upper
122 100
105 287.1 99.9 139.9#
77 141.5 65.9 105.9#



#33
4-Chloroaniline
Concen: 44.652 ng
RT: 8.063 min Scan# 982
Delta R.T. -0.059 min
Lab File: BF130018.D
Acq: 26 Aug 2022 14:30

Tgt Ion:127 Resp: 491793
Ion Ratio Lower Upper
127 100
129 83.8 26.7 40.1#
65 0.0 24.2 36.2#
92 0.2 15.2 22.8#





#37

2-Methylnaphthalene

Concen: 4.148 ng

RT: 8.745 min Scan# 1111

Delta R.T. -0.006 min

Lab File: BF130018.D

Acq: 26 Aug 2022 14:30

Instrument :

BNA_F

ClientSampleId :

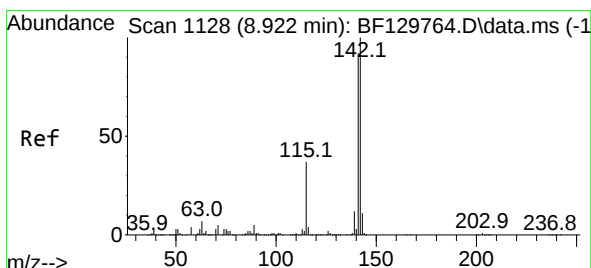
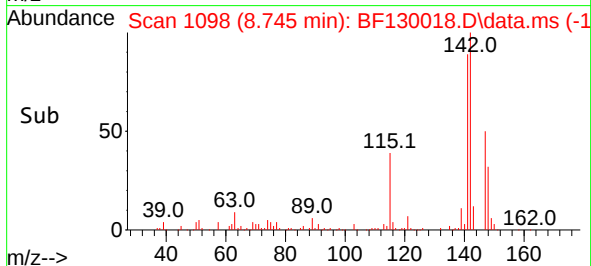
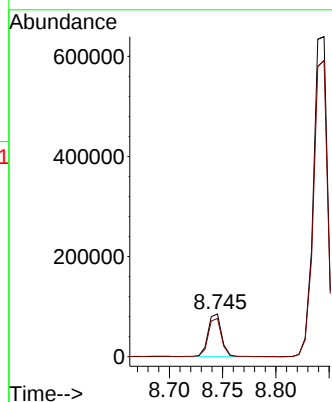
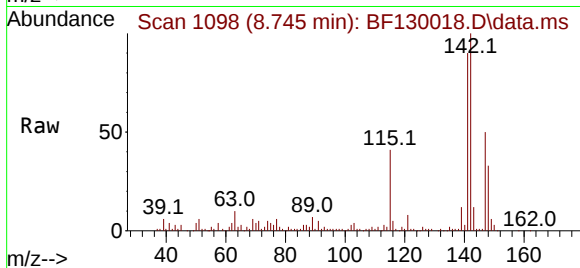
MW-25

Tgt Ion:142 Resp: 76256

Ion Ratio Lower Upper

142 100

141 89.7 70.9 106.3



#38

1-Methylnaphthalene

Concen: 33.054 ng

RT: 8.845 min Scan# 1115

Delta R.T. -0.006 min

Lab File: BF130018.D

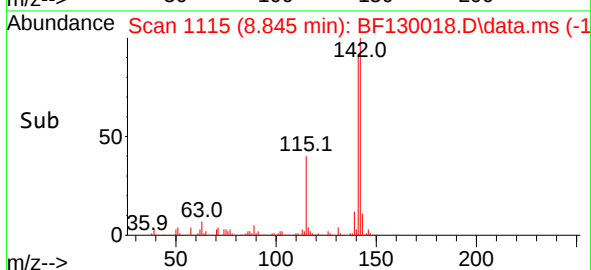
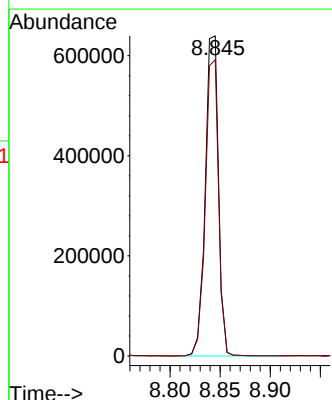
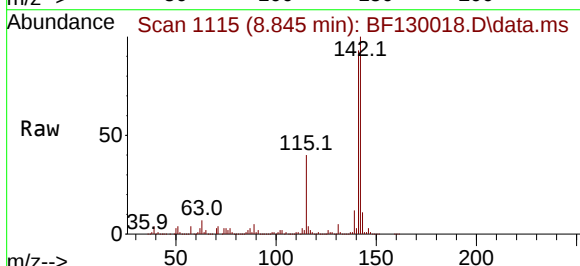
Acq: 26 Aug 2022 14:30

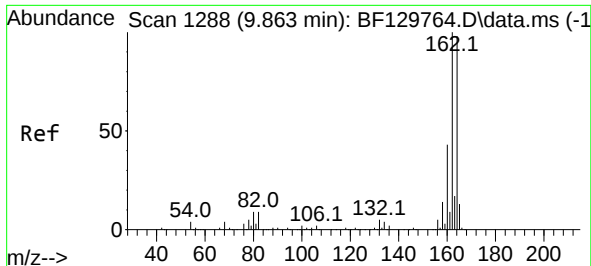
Tgt Ion:142 Resp: 590501

Ion Ratio Lower Upper

142 100

141 92.5 73.5 110.3

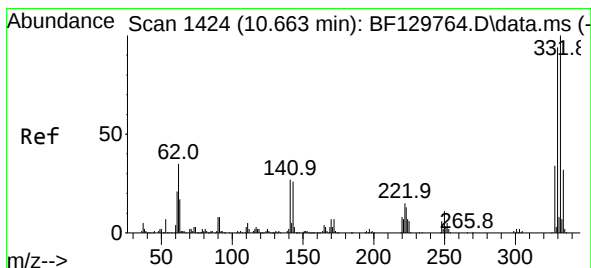
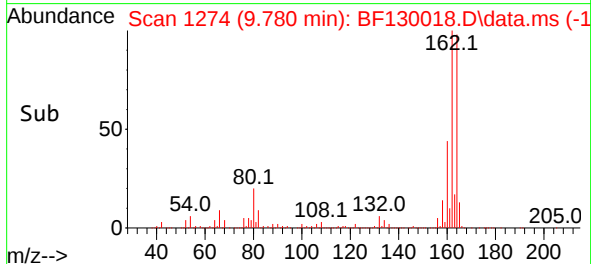
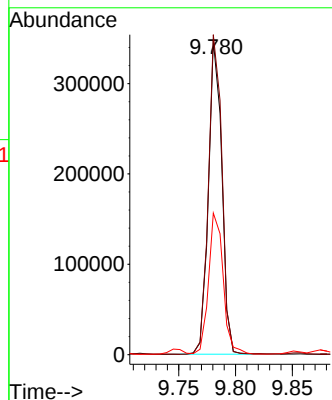
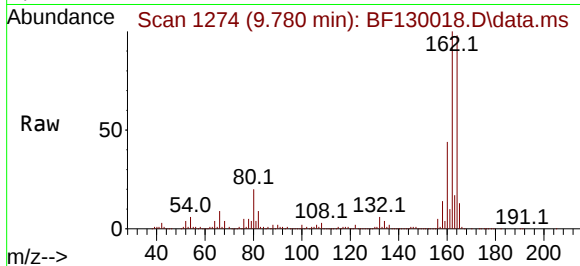




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.780 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF130018.D
Acq: 26 Aug 2022 14:30

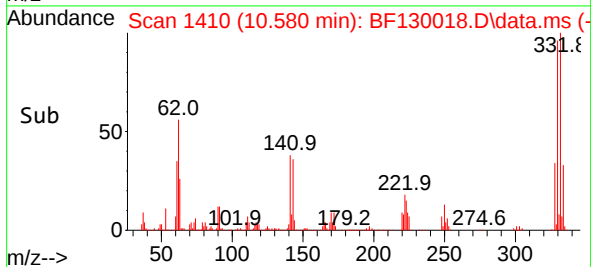
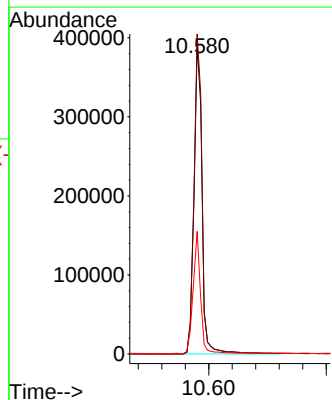
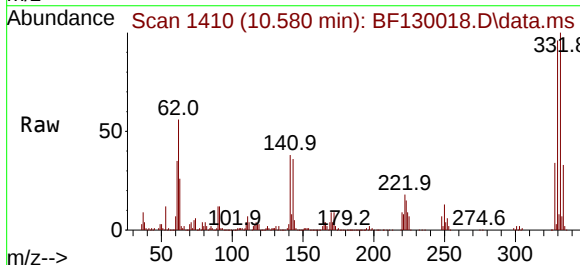
Instrument :
BNA_F
ClientSampleId :
MW-25

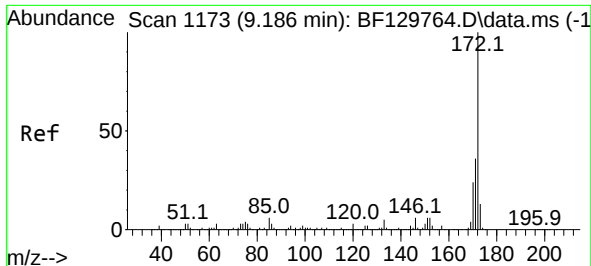
Tgt Ion:164 Resp: 283418
Ion Ratio Lower Upper
164 100
162 101.8 82.0 123.0
160 45.1 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 130.235 ng
RT: 10.580 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF130018.D
Acq: 26 Aug 2022 14:30

Tgt Ion:330 Resp: 370457
Ion Ratio Lower Upper
330 100
332 103.7 82.6 124.0
141 36.7 27.6 41.4

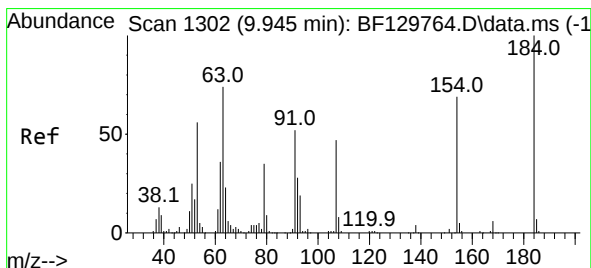
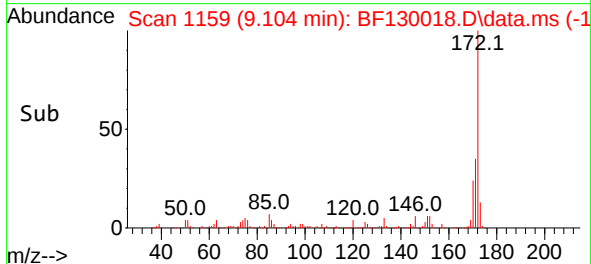
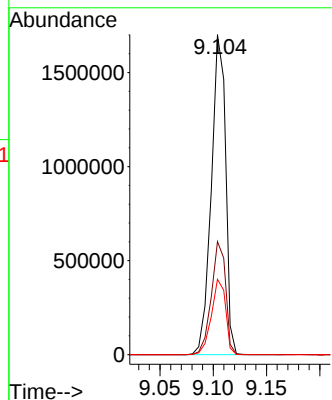
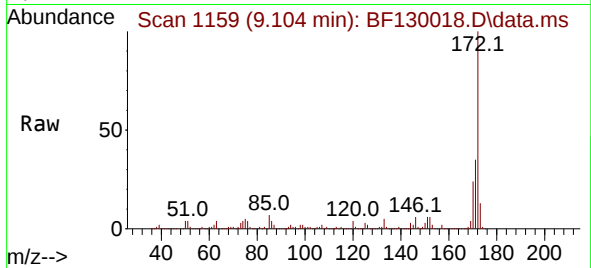




#45
2-Fluorobiphenyl
Concen: 85.170 ng
RT: 9.104 min Scan# 1173
Delta R.T. -0.012 min
Lab File: BF130018.D
Acq: 26 Aug 2022 14:30

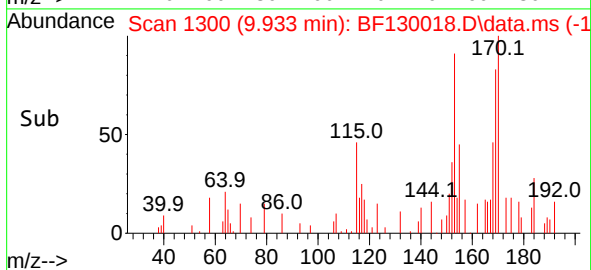
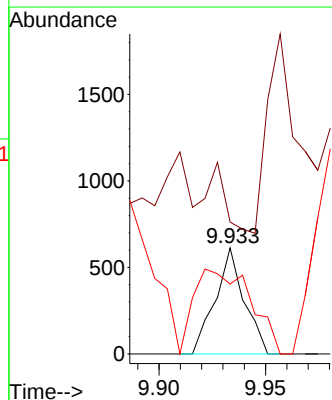
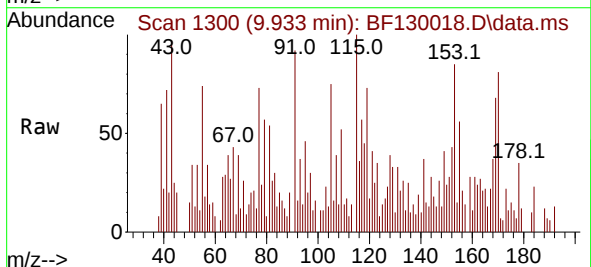
Instrument :
BNA_F
ClientSampleId :
MW-25

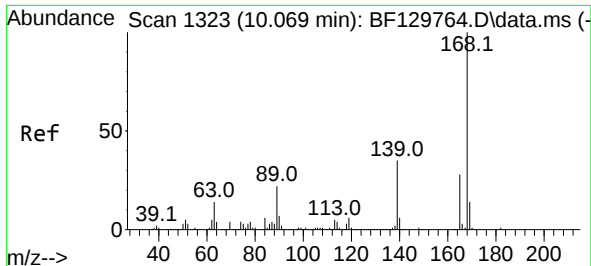
Tgt Ion:172 Resp: 1589329
Ion Ratio Lower Upper
172 100
171 35.4 28.4 42.6
170 23.6 19.1 28.7



#54
2,4-Dinitrophenol
Concen: 5.742 ng
RT: 9.933 min Scan# 1300
Delta R.T. 0.047 min
Lab File: BF130018.D
Acq: 26 Aug 2022 14:30

Tgt Ion:184 Resp: 577
Ion Ratio Lower Upper
184 100
63 124.3 59.6 89.4#
154 65.9 55.3 82.9

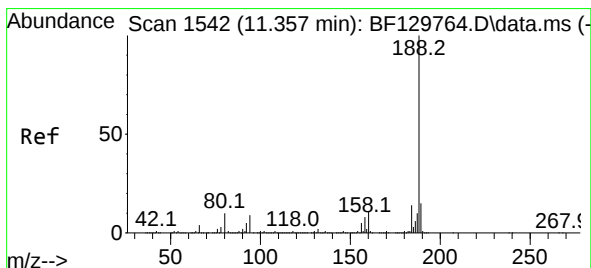
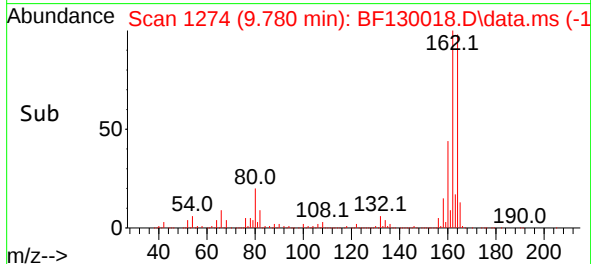
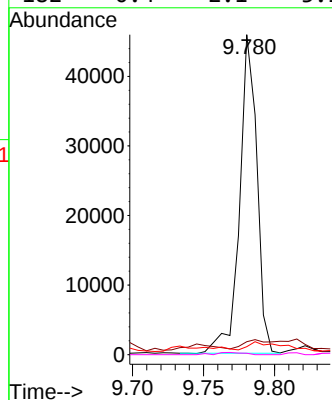
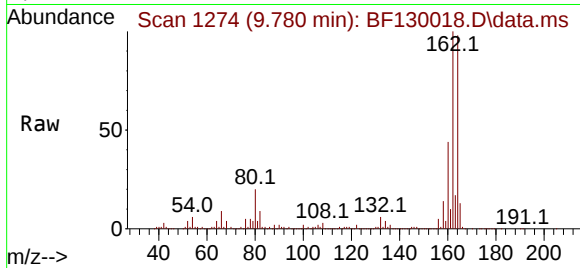




#57
2,4-Dinitrotoluene
Concen: 6.787 ng
RT: 9.780 min Scan# 11
Delta R.T. -0.224 min
Lab File: BF130018.D
Acq: 26 Aug 2022 14:30

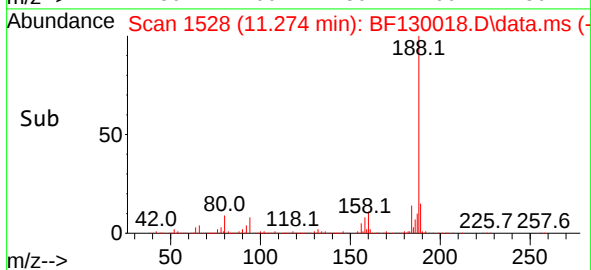
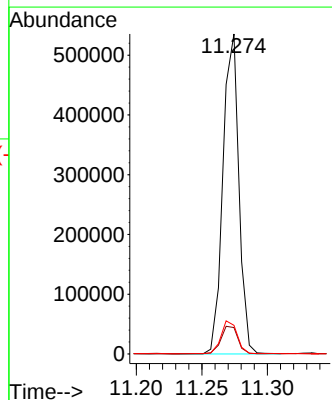
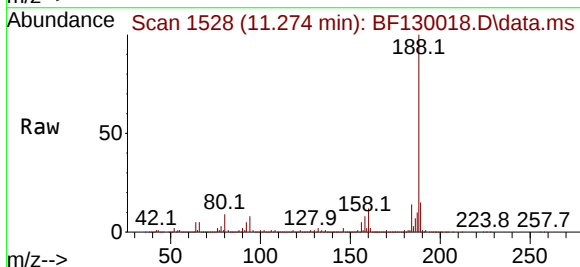
Instrument :
BNA_F
ClientSampleId :
MW-25

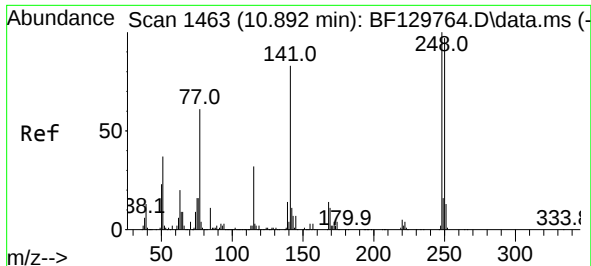
Tgt Ion:165 Resp: 38832
Ion Ratio Lower Upper
165 100
63 4.0 48.4 72.6#
89 2.5 62.3 93.5#
182 0.4 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.274 min Scan# 1528
Delta R.T. -0.006 min
Lab File: BF130018.D
Acq: 26 Aug 2022 14:30

Tgt Ion:188 Resp: 451621
Ion Ratio Lower Upper
188 100
94 8.2 7.4 11.2
80 9.0 7.9 11.9

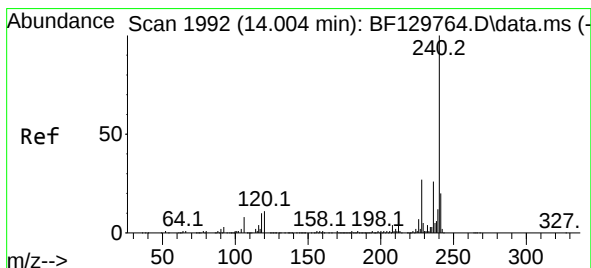
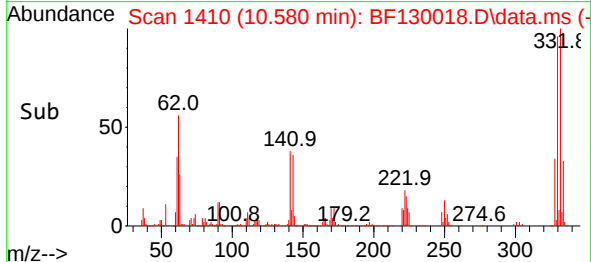
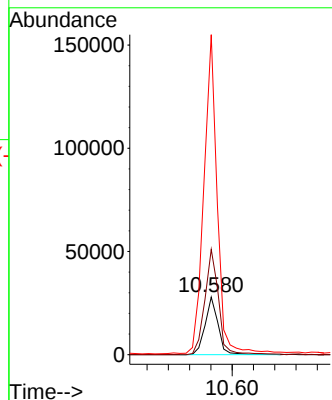
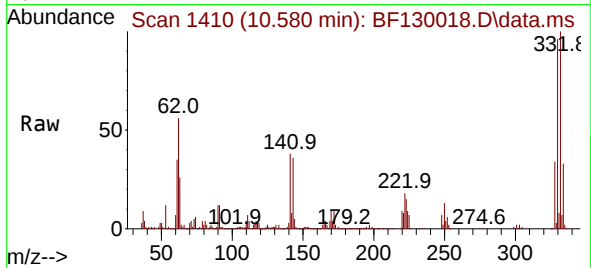




#67
4-Bromophenyl-phenylether
Concen: 4.493 ng
RT: 10.580 min Scan# 1463
Delta R.T. -0.241 min
Lab File: BF130018.D
Acq: 26 Aug 2022 14:30

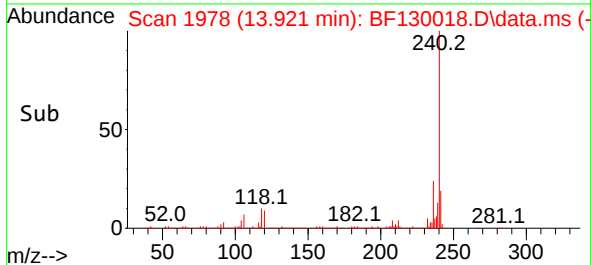
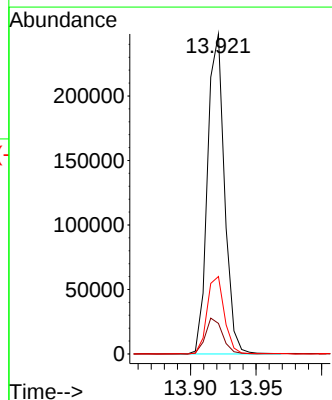
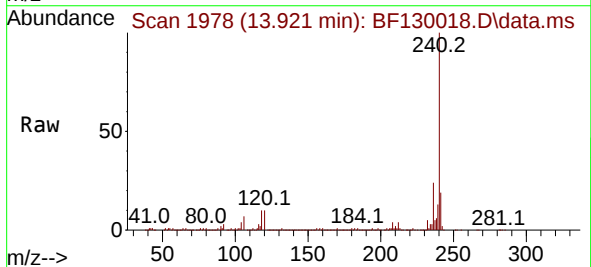
Instrument :
BNA_F
ClientSampleId :
MW-25

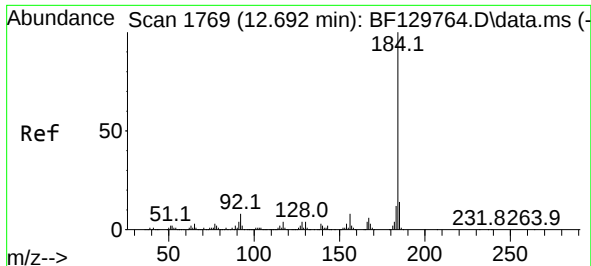
Tgt Ion:248 Resp: 23768
Ion Ratio Lower Upper
248 100
250 183.0 77.8 116.6#
141 555.8 66.2 99.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.921 min Scan# 1978
Delta R.T. -0.006 min
Lab File: BF130018.D
Acq: 26 Aug 2022 14:30

Tgt Ion:240 Resp: 223853
Ion Ratio Lower Upper
240 100
120 9.5 9.2 13.8
236 24.2 20.7 31.1

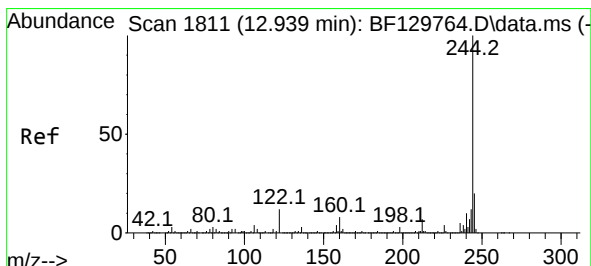
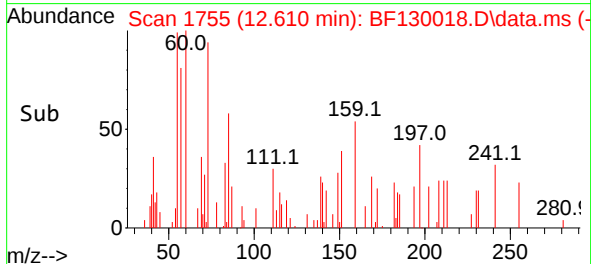
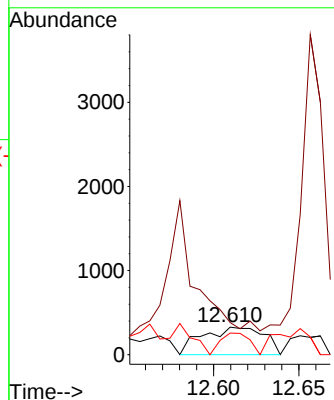
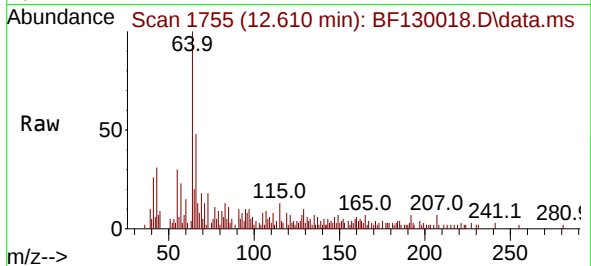




#77
Benzidine
Concen: Below Cal
RT: 12.610 min Scan# 1755
Delta R.T. -0.012 min
Lab File: BF130018.D
Acq: 26 Aug 2022 14:30

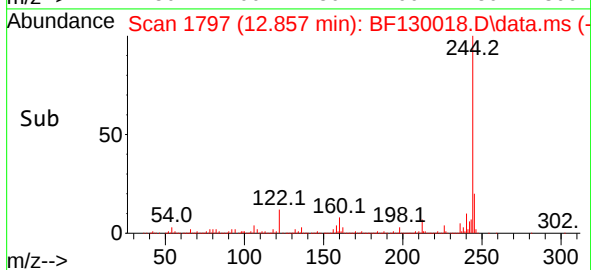
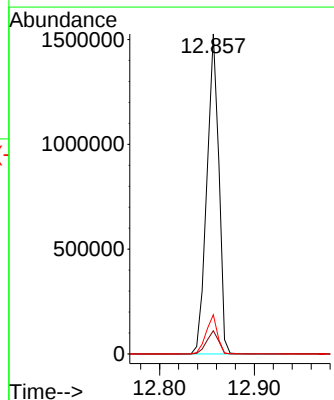
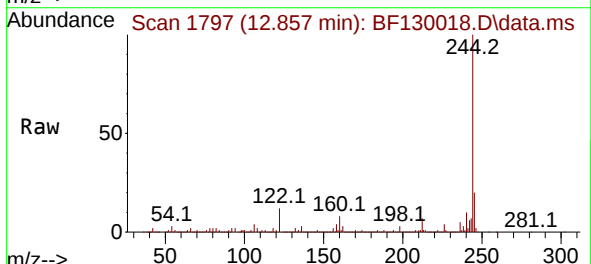
Instrument :
BNA_F
ClientSampleId :
MW-25

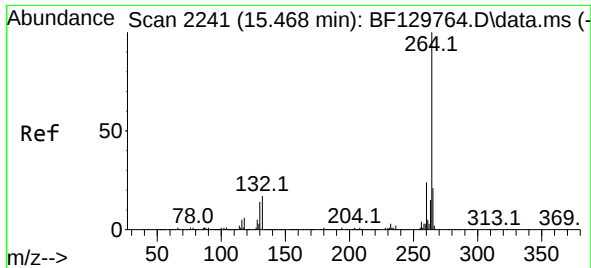
Tgt Ion:184 Resp: 825
Ion Ratio Lower Upper
184 100
185 116.5 11.4 17.2#
183 78.0 9.4 14.2#



#79
Terphenyl-d14
Concen: 99.030 ng
RT: 12.857 min Scan# 1797
Delta R.T. -0.006 min
Lab File: BF130018.D
Acq: 26 Aug 2022 14:30

Tgt Ion:244 Resp: 1332277
Ion Ratio Lower Upper
244 100
212 7.2 5.9 8.9
122 12.2 9.9 14.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.362 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF130018.D
Acq: 26 Aug 2022 14:30

Instrument :
BNA_F
ClientSampleId :
MW-25

Tgt Ion:264 Resp: 227885
Ion Ratio Lower Upper
264 100
260 22.8 19.1 28.7
265 21.7 16.7 25.1

