

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082922\
 Data File : BF130043.D
 Acq On : 29 Aug 2022 19:58
 Operator : CG\JU
 Sample : N4376-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-28

Quant Time: Aug 30 01:31:22 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 30 01:22:56 2022
 Response via : Initial Calibration

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

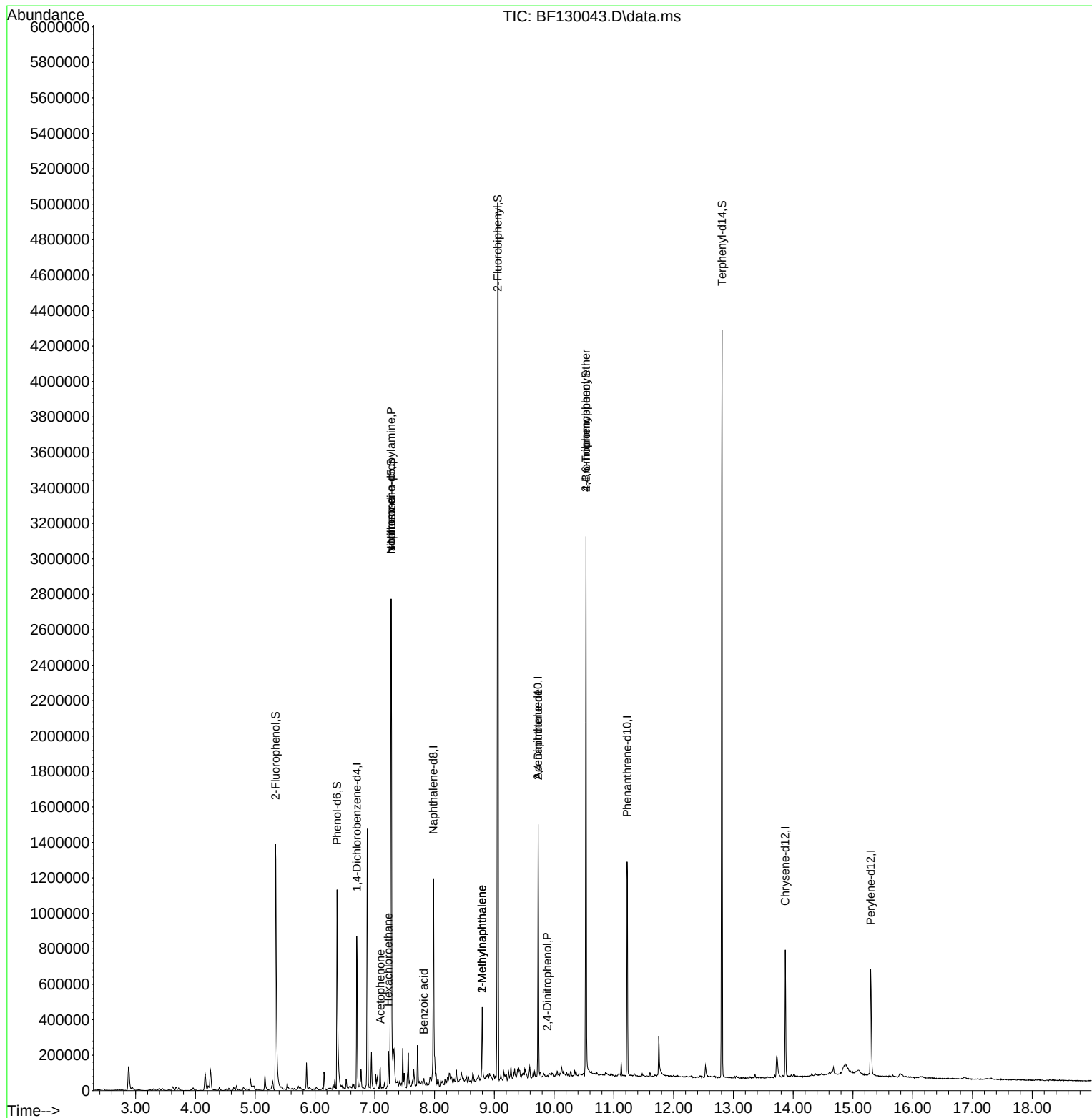
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.698	152	125664	20.000	ng	0.00
21) Naphthalene-d8	7.981	136	502933	20.000	ng	0.00
39) Acenaphthene-d10	9.733	164	263379	20.000	ng	0.00
64) Phenanthrene-d10	11.222	188	432418	20.000	ng	0.00
76) Chrysene-d12	13.868	240	221373	20.000	ng	0.00
86) Perylene-d12	15.298	264	249433	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	484056	63.777	ng	0.00
7) Phenol-d6	6.369	99	415017	43.665	ng	0.00
23) Nitrobenzene-d5	7.275	82	899660	95.759	ng	0.00
42) 2,4,6-Tribromophenol	10.533	330	344274	130.239	ng	0.00
45) 2-Fluorobiphenyl	9.057	172	1628244	93.895	ng	0.00
79) Terphenyl-d14	12.810	244	1355203	101.863	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.251	77	812	Below Cal	#	1
18) Hexachloroethane	7.228	117	27948	7.985 ng	#	43
19) n-Nitroso-di-n-propyla...	7.275	70	125903	20.957 ng	#	76
22) Acetophenone	7.092	105	47957	3.913 ng	#	57
25) Isophorone	7.275	82	899660	55.637 ng	#	65
32) Benzoic acid	7.822	122	1087	2.627 ng	#	23
37) 2-Methylnaphthalene	8.792	142	38425	2.226 ng		96
38) 1-Methylnaphthalene	8.792	142	38425	2.291 ng		100
54) 2,4-Dinitrophenol	9.886	184	171	5.558 ng	#	14
57) 2,4-Dinitrotoluene	9.733	165	35134	6.608 ng	#	19
67) 4-Bromophenyl-phenylether	10.533	248	21955	4.335 ng	#	1
77) Benzidine	12.645	184	607	Below Cal	#	1

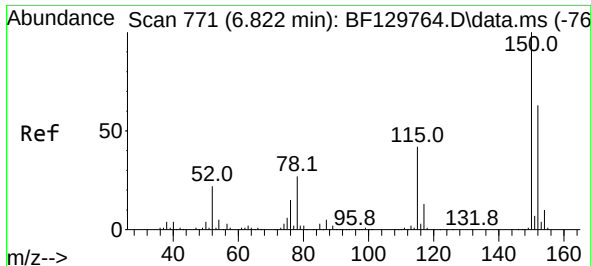
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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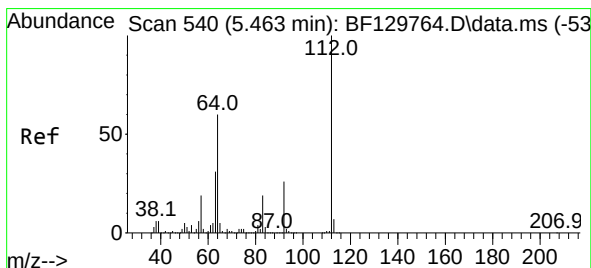
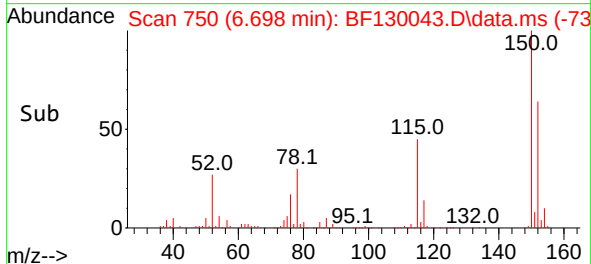
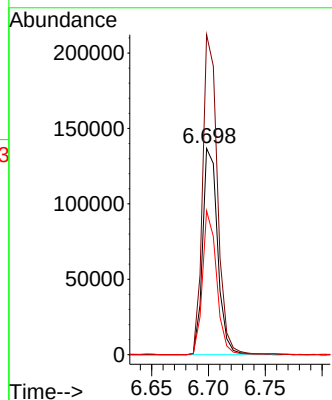
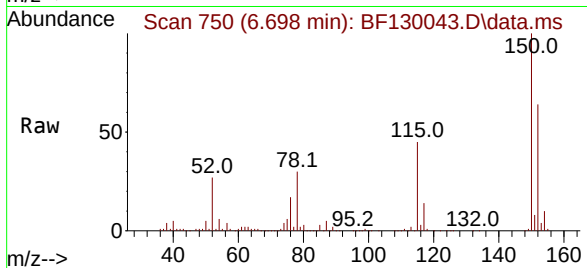




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.698 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF130043.D
 Acq: 29 Aug 2022 19:58

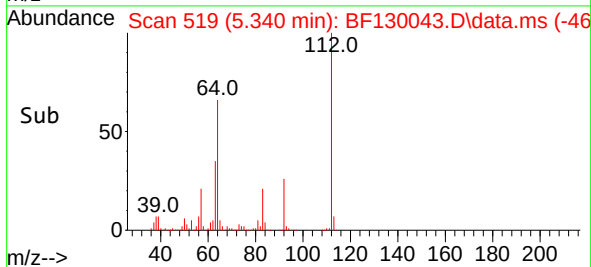
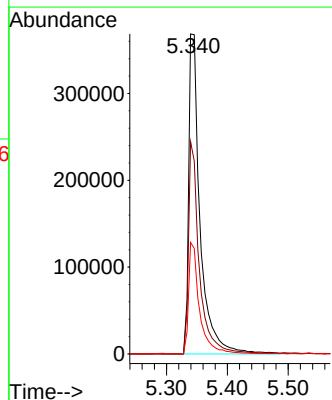
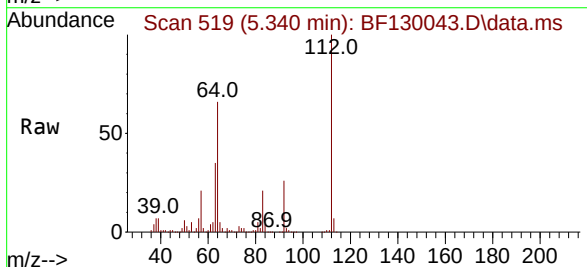
Instrument :
 BNA_F
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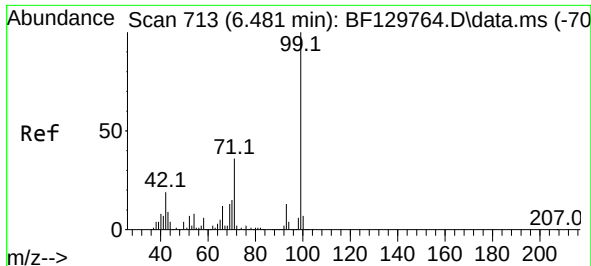
Tgt Ion:152 Resp: 125664
 Ion Ratio Lower Upper
 152 100
 150 155.1 126.9 190.3
 115 69.8 53.4 80.0



#5
 2-Fluorophenol
 Concen: 63.777 ng
 RT: 5.340 min Scan# 519
 Delta R.T. 0.006 min
 Lab File: BF130043.D
 Acq: 29 Aug 2022 19:58

Tgt Ion:112 Resp: 484056
 Ion Ratio Lower Upper
 112 100
 64 66.3 47.6 71.4
 63 34.8 24.6 37.0

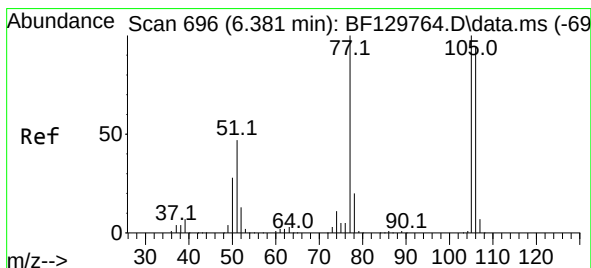
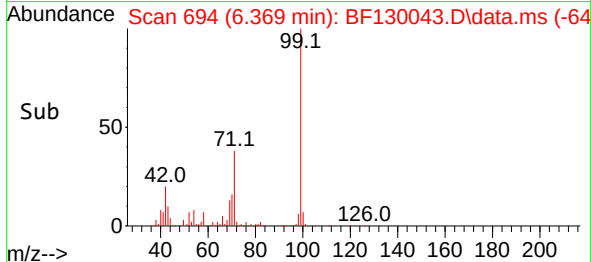
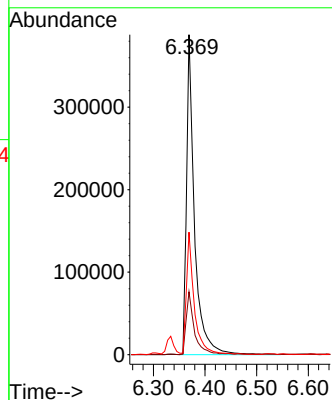
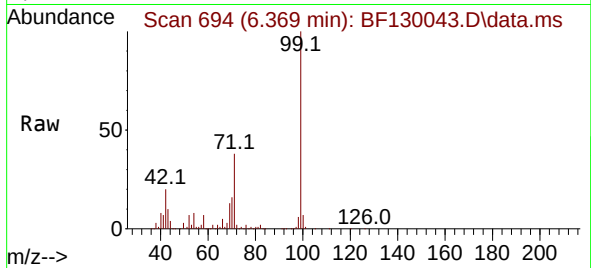




#7
Phenol-d6
Concen: 43.665 ng
RT: 6.369 min Scan# 61
Delta R.T. 0.000 min
Lab File: BF130043.D
Acq: 29 Aug 2022 19:58

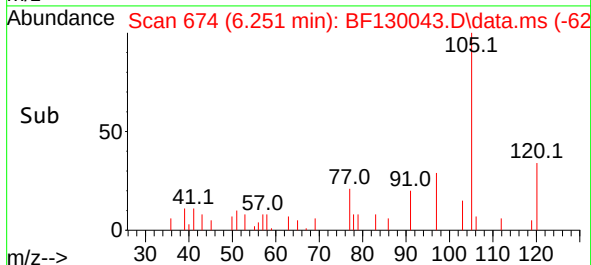
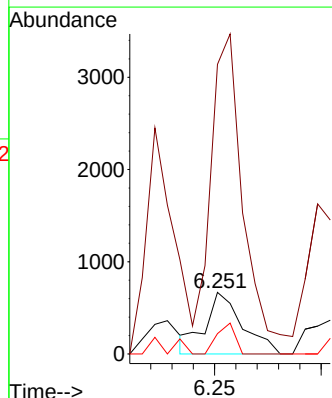
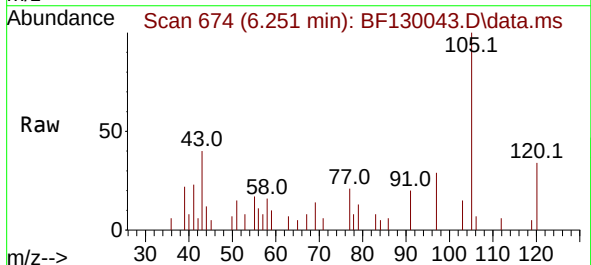
Instrument :
BNA_F
ClientSampleId :
MW-28

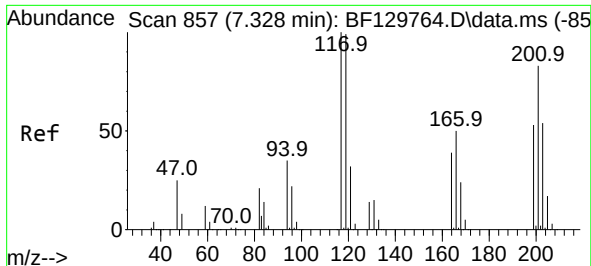
Tgt Ion: 99 Resp: 415017
Ion Ratio Lower Upper
99 100
42 19.6 15.0 22.4
71 38.3 28.8 43.2



#9
Benzaldehyde
Concen: Below Cal
RT: 6.251 min Scan# 674
Delta R.T. -0.012 min
Lab File: BF130043.D
Acq: 29 Aug 2022 19:58

Tgt Ion: 77 Resp: 812
Ion Ratio Lower Upper
77 100
105 470.2 80.3 120.3#
106 33.1 74.3 114.3#

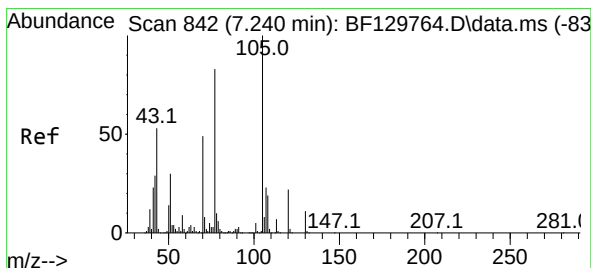
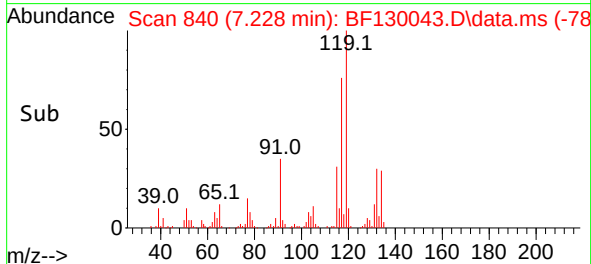
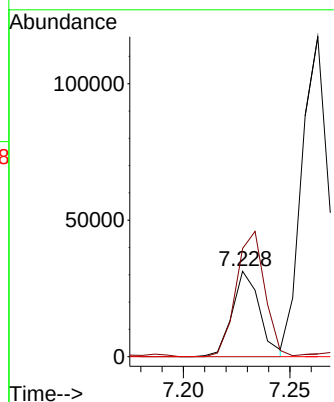
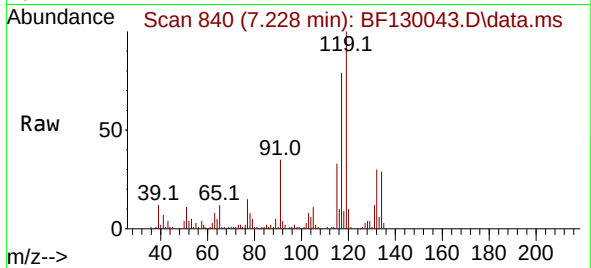




#18
Hexachloroethane
Concen: 7.985 ng
RT: 7.228 min Scan# 841
Delta R.T. 0.024 min
Lab File: BF130043.D
Acq: 29 Aug 2022 19:58

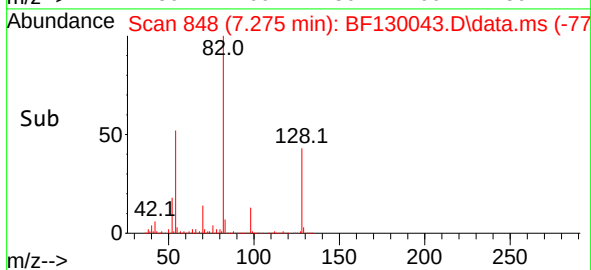
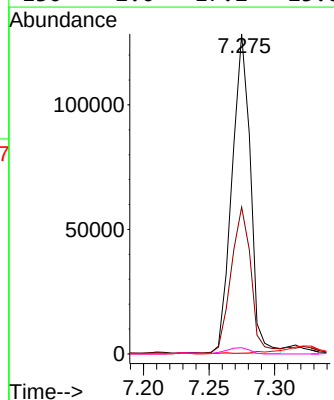
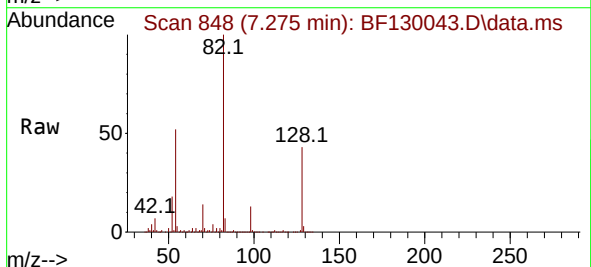
Instrument :
BNA_F
ClientSampleId :
MW-28

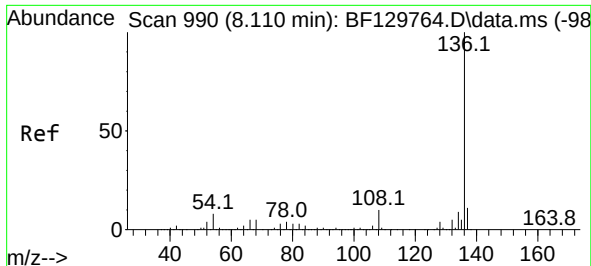
Tgt Ion:117 Resp: 27948
Ion Ratio Lower Upper
117 100
119 126.7 79.1 118.7#
201 0.0 66.6 100.0#



#19
n-Nitroso-di-n-propylamine
Concen: 20.957 ng
RT: 7.275 min Scan# 848
Delta R.T. 0.147 min
Lab File: BF130043.D
Acq: 29 Aug 2022 19:58

Tgt Ion: 70 Resp: 125903
Ion Ratio Lower Upper
70 100
42 45.9 47.6 71.4#
101 0.3 8.1 12.1#
130 2.0 17.2 25.8#

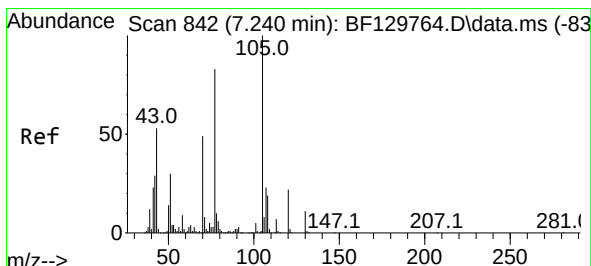
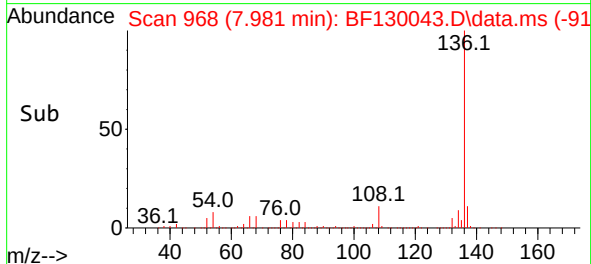
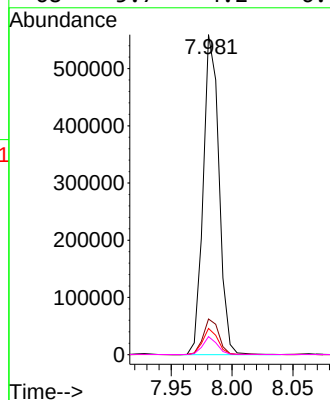
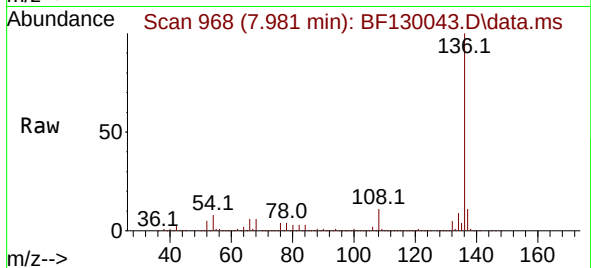




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.981 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130043.D
Acq: 29 Aug 2022 19:58

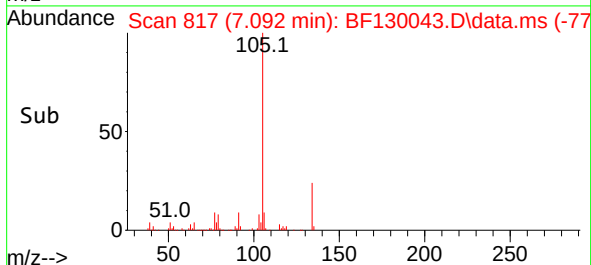
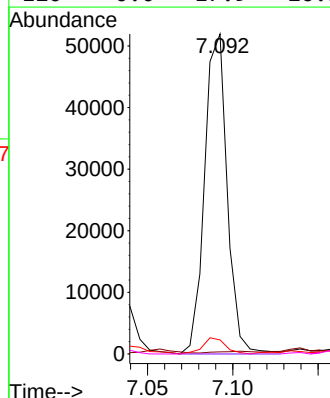
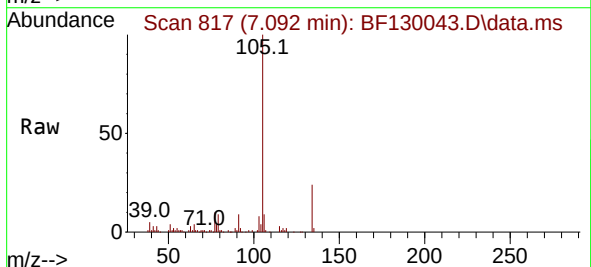
Instrument :
BNA_F
ClientSampleId :
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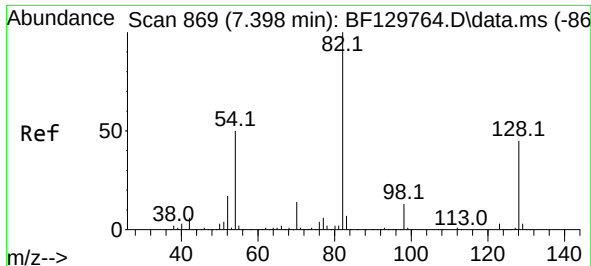
Tgt Ion:136	Resp: 502933
Ion Ratio	Lower Upper
136 100	
137 11.2	8.4 12.6
54 8.2	6.2 9.2
68 5.7	4.2 6.4



#22
Acetophenone
Concen: 3.913 ng
RT: 7.092 min Scan# 817
Delta R.T. -0.029 min
Lab File: BF130043.D
Acq: 29 Aug 2022 19:58

Tgt	Ion:105	Resp:	47957
Ion	Ratio	Lower	Upper
105	100		
71	0.6	6.6	9.8#
51	4.4	23.8	35.8#
120	0.0	17.9	26.9#

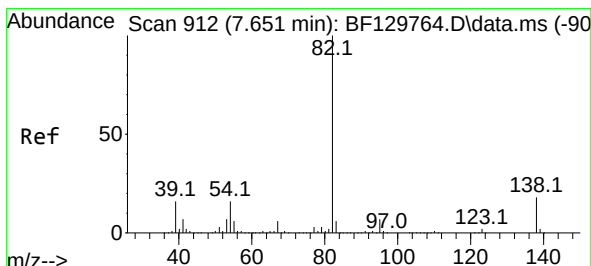
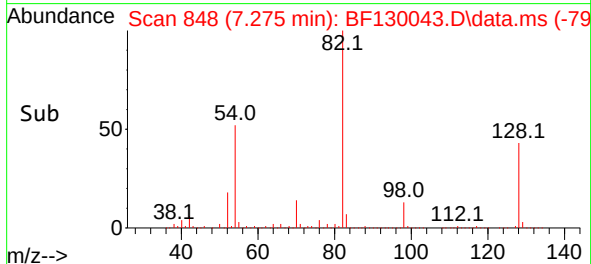
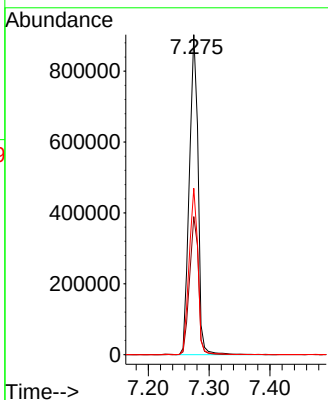
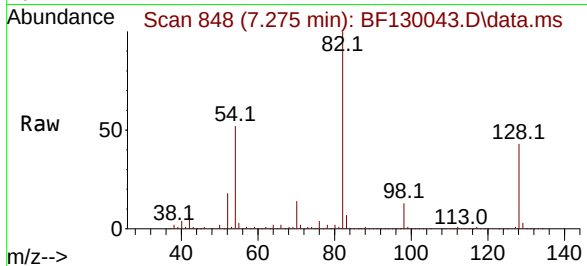




#23
Nitrobenzene-d5
Concen: 95.759 ng
RT: 7.275 min Scan# 848
Delta R.T. -0.006 min
Lab File: BF130043.D
Acq: 29 Aug 2022 19:58

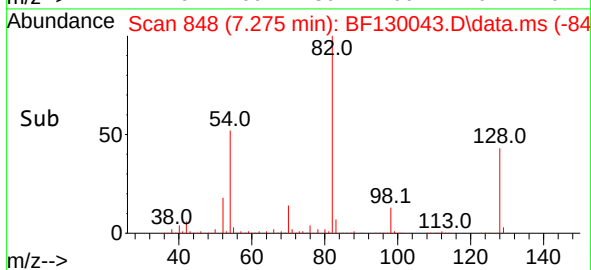
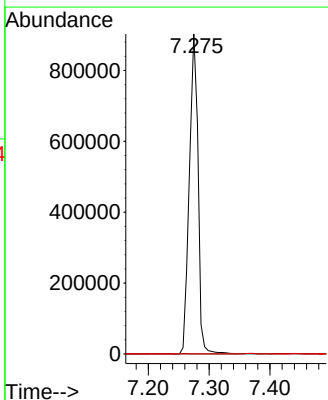
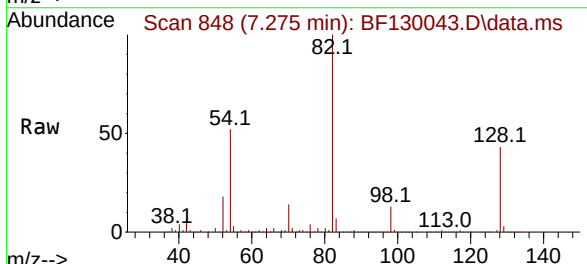
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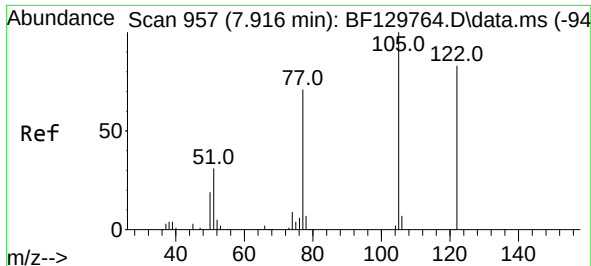
Tgt Ion: 82 Resp: 899660
Ion Ratio Lower Upper
82 100
128 43.1 36.1 54.1
54 52.0 40.0 60.0



#25
Isophorone
Concen: 55.637 ng
RT: 7.275 min Scan# 848
Delta R.T. -0.259 min
Lab File: BF130043.D
Acq: 29 Aug 2022 19:58

Tgt Ion: 82 Resp: 899660
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#

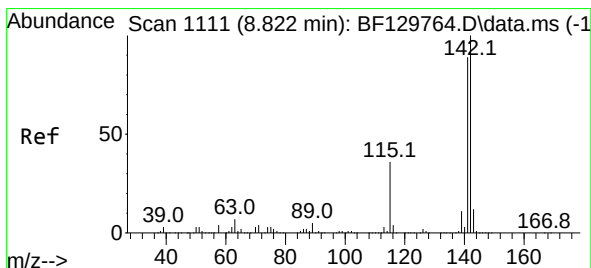
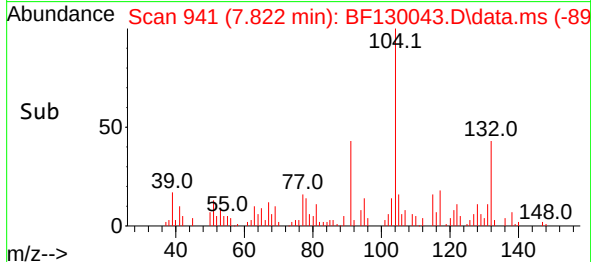
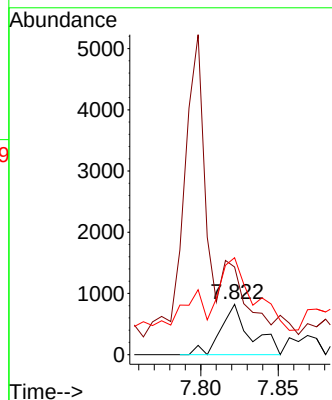
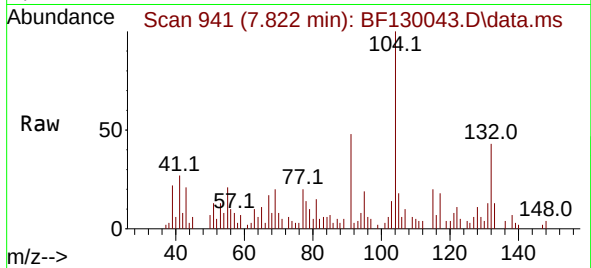




#32
Benzoic acid
Concen: 2.627 ng
RT: 7.822 min Scan# 941
Delta R.T. 0.000 min
Lab File: BF130043.D
Acq: 29 Aug 2022 19:58

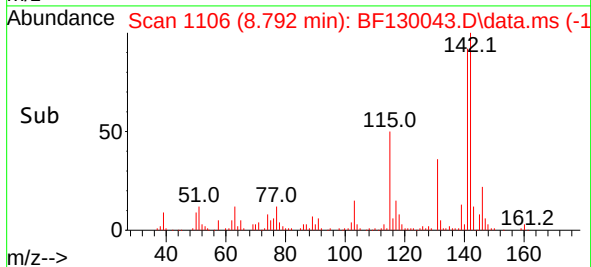
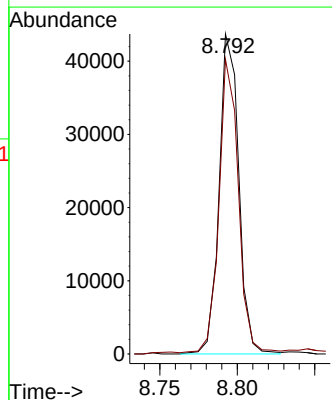
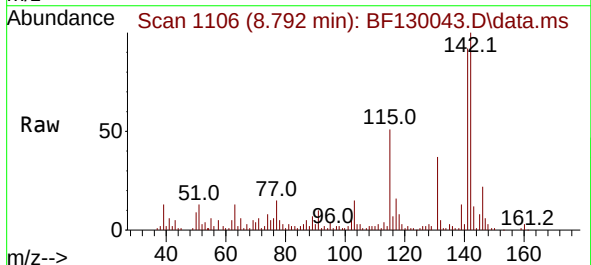
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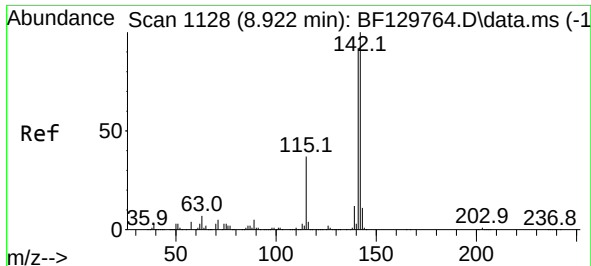
Tgt Ion:122 Resp: 1087
Ion Ratio Lower Upper
122 100
105 174.0 99.9 139.9#
77 192.6 65.9 105.9#



#37
2-Methylnaphthalene
Concen: 2.226 ng
RT: 8.792 min Scan# 1106
Delta R.T. 0.094 min
Lab File: BF130043.D
Acq: 29 Aug 2022 19:58

Tgt Ion:142 Resp: 38425
Ion Ratio Lower Upper
142 100
141 92.0 70.9 106.3

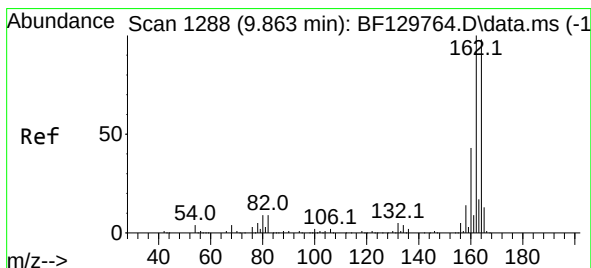
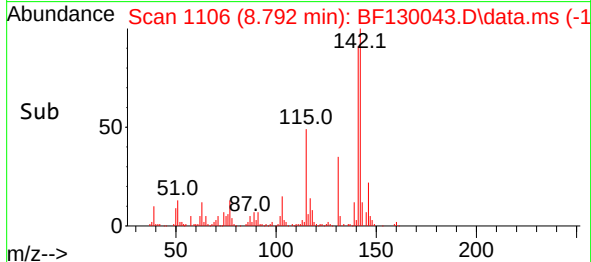
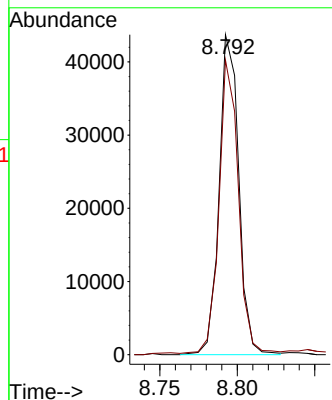
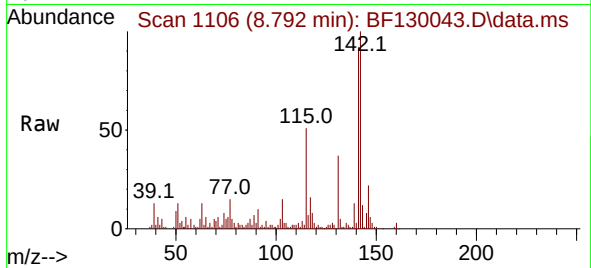




#38
1-Methylnaphthalene
Concen: 2.291 ng
RT: 8.792 min Scan# 1128
Delta R.T. -0.006 min
Lab File: BF130043.D
Acq: 29 Aug 2022 19:58

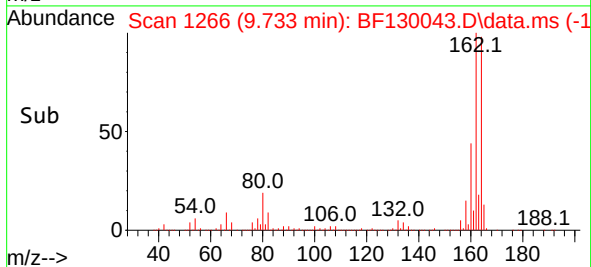
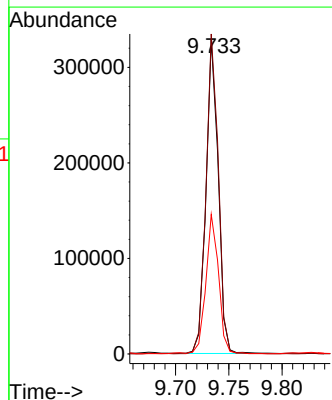
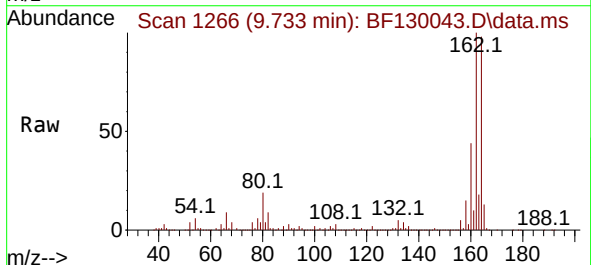
Instrument :
BNA_F
ClientSampleId :
MW-28

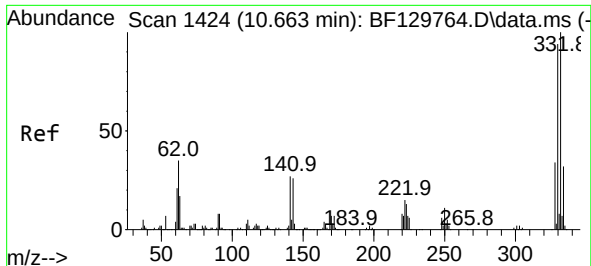
Tgt Ion:142 Resp: 38425
Ion Ratio Lower Upper
142 100
141 92.0 73.5 110.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.733 min Scan# 1266
Delta R.T. -0.006 min
Lab File: BF130043.D
Acq: 29 Aug 2022 19:58

Tgt Ion:164 Resp: 263379
Ion Ratio Lower Upper
164 100
162 101.8 82.0 123.0
160 44.4 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 130.239 ng

RT: 10.533 min Scan# 1424

Delta R.T. 0.000 min

Lab File: BF130043.D

Acq: 29 Aug 2022 19:58

Instrument :

BNA_F

ClientSampleId :

MW-28

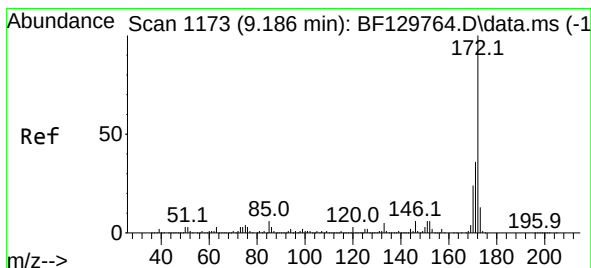
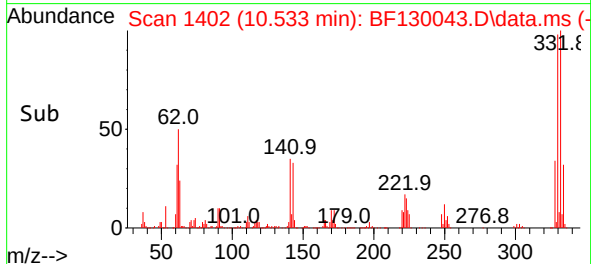
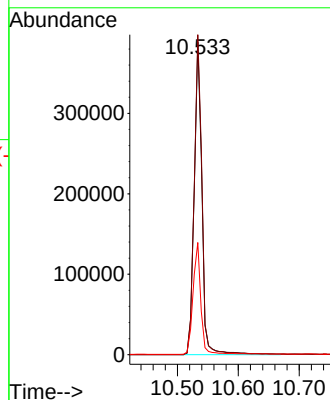
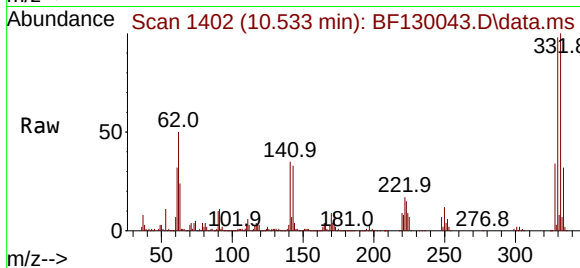
Tgt Ion:330 Resp: 344274

Ion Ratio Lower Upper

330 100

332 102.8 82.6 124.0

141 36.2 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 93.895 ng

RT: 9.057 min Scan# 1151

Delta R.T. -0.006 min

Lab File: BF130043.D

Acq: 29 Aug 2022 19:58

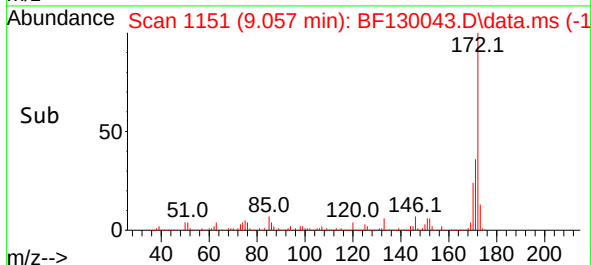
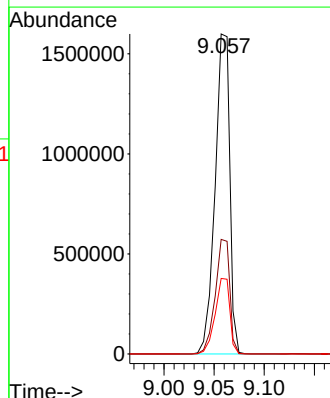
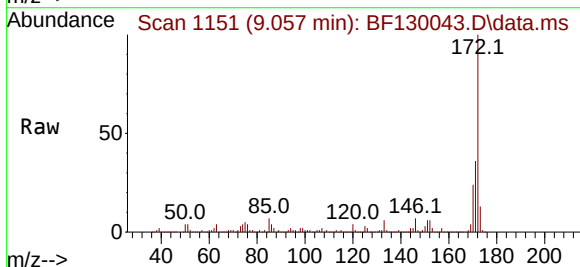
Tgt Ion:172 Resp: 1628244

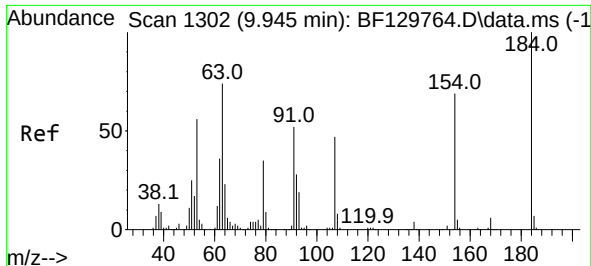
Ion Ratio Lower Upper

172 100

171 35.8 28.4 42.6

170 23.6 19.1 28.7

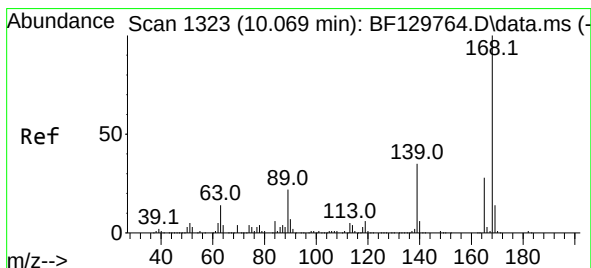
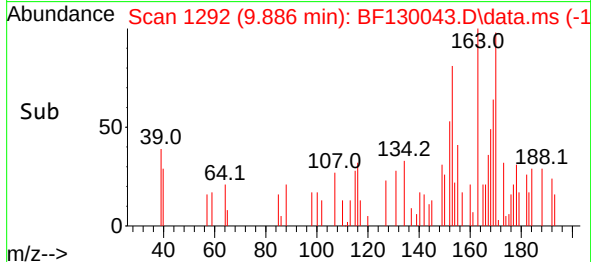
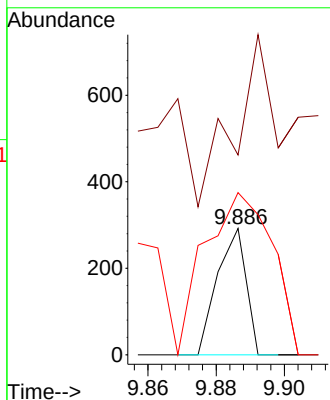
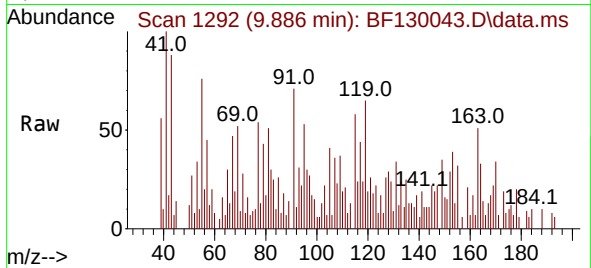




#54
2,4-Dinitrophenol
Concen: 5.558 ng
RT: 9.886 min Scan# 11
Delta R.T. 0.047 min
Lab File: BF130043.D
Acq: 29 Aug 2022 19:58

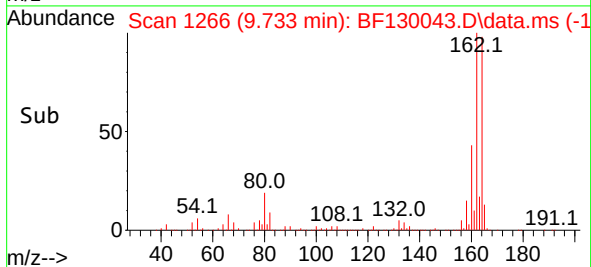
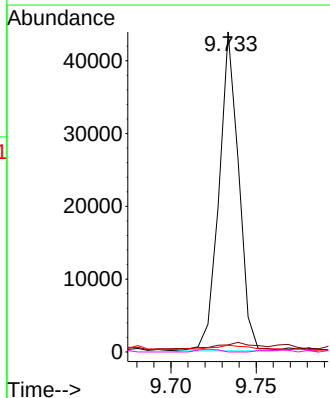
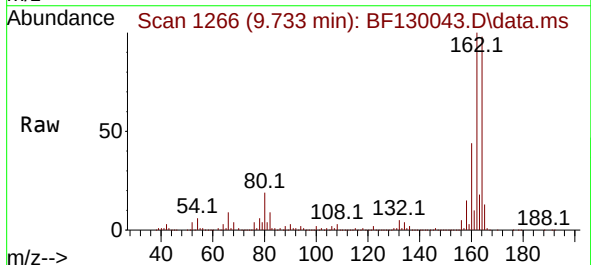
Instrument :
BNA_F
ClientSampleId :
MW-28

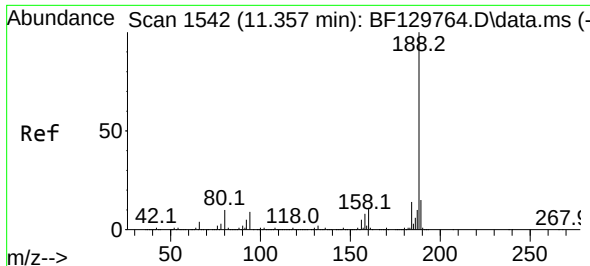
Tgt Ion:184 Resp: 171
Ion Ratio Lower Upper
184 100
63 158.2 59.6 89.4#
154 128.4 55.3 82.9#



#57
2,4-Dinitrotoluene
Concen: 6.608 ng
RT: 9.733 min Scan# 1266
Delta R.T. -0.217 min
Lab File: BF130043.D
Acq: 29 Aug 2022 19:58

Tgt Ion:165 Resp: 35134
Ion Ratio Lower Upper
165 100
63 2.2 48.4 72.6#
89 2.1 62.3 93.5#
182 0.0 2.1 3.1#

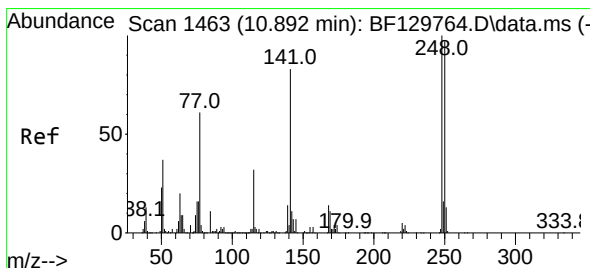
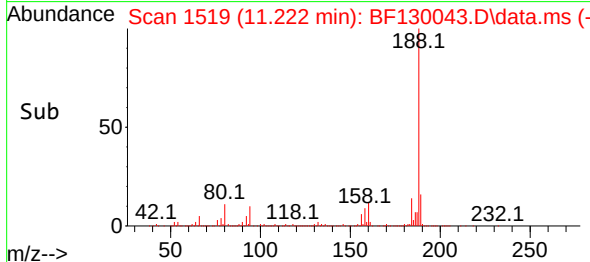
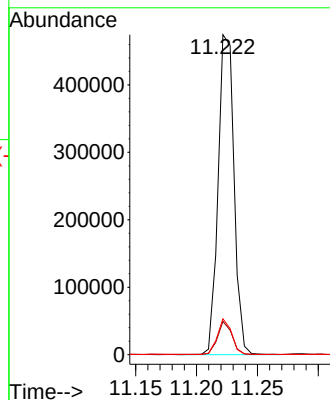
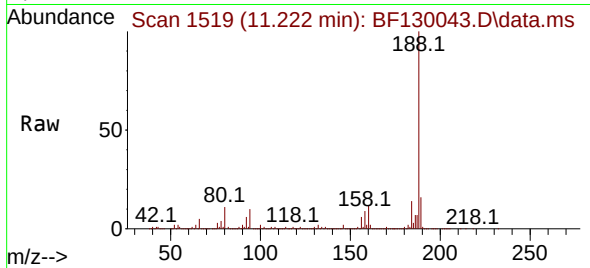




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.222 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130043.D
Acq: 29 Aug 2022 19:58

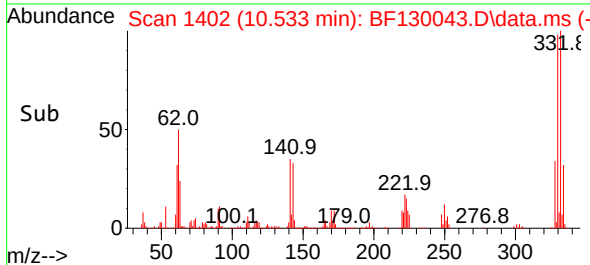
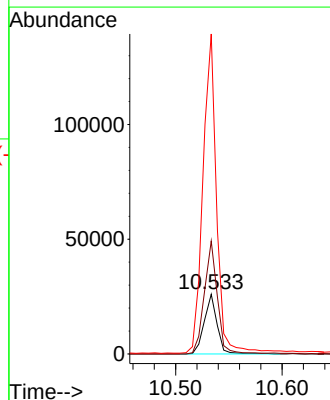
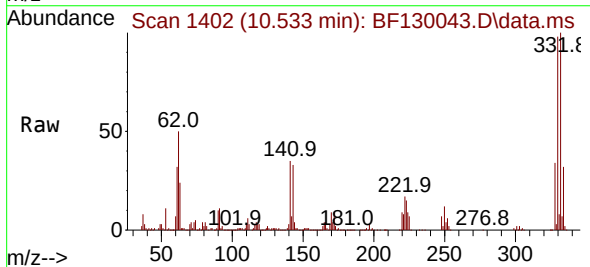
Instrument :
BNA_F
ClientSampleId :
MW-28

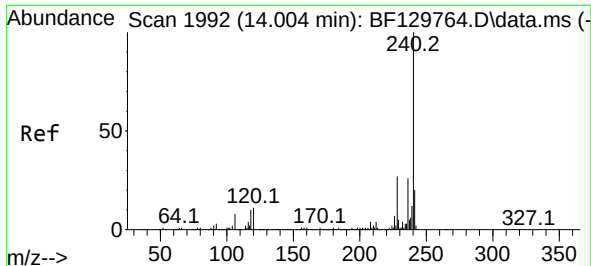
Tgt Ion:188 Resp: 432418
Ion Ratio Lower Upper
188 100
94 10.4 7.4 11.2
80 11.2 7.9 11.9



#67
4-Bromophenyl-phenylether
Concen: 4.335 ng
RT: 10.533 min Scan# 1402
Delta R.T. -0.235 min
Lab File: BF130043.D
Acq: 29 Aug 2022 19:58

Tgt Ion:248 Resp: 21955
Ion Ratio Lower Upper
248 100
250 189.0 77.8 116.6#
141 535.7 66.2 99.2#

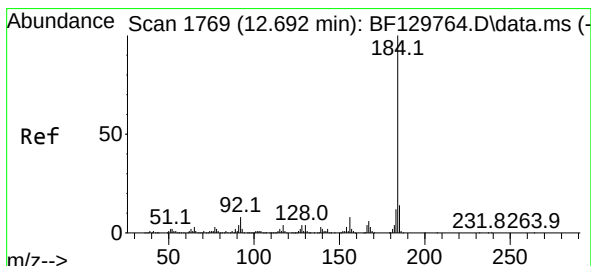
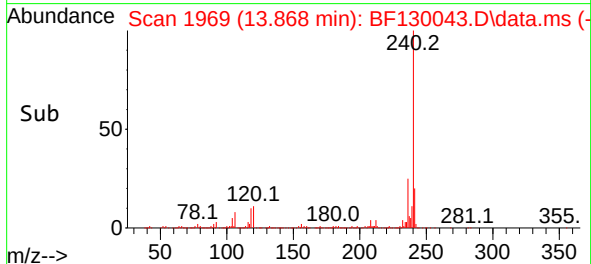
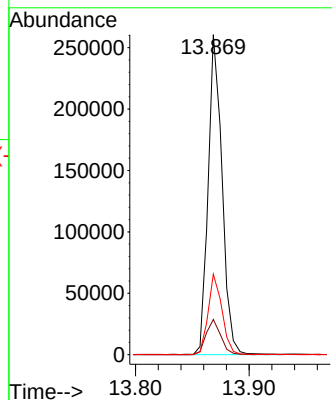
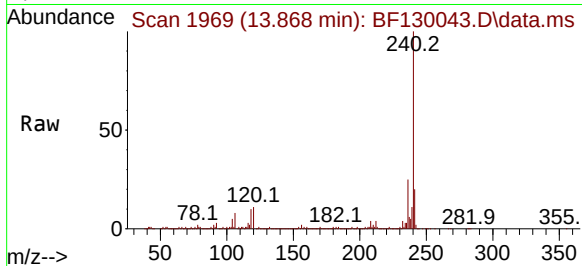




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.868 min Scan# 1992
Delta R.T. -0.006 min
Lab File: BF130043.D
Acq: 29 Aug 2022 19:58

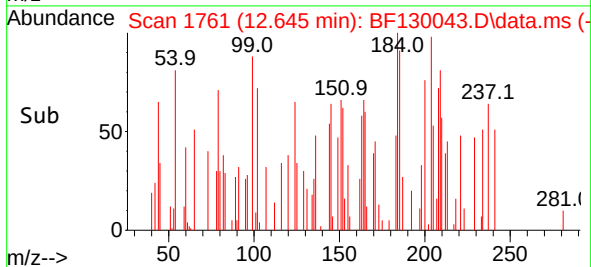
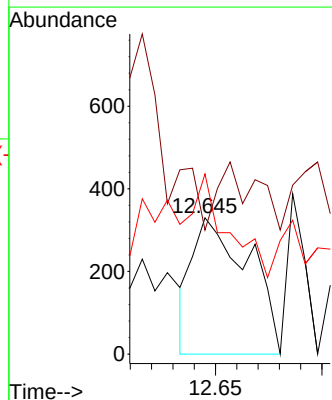
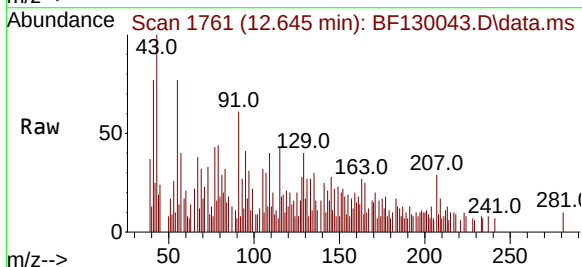
Instrument :
BNA_F
ClientSampleId :
MW-28

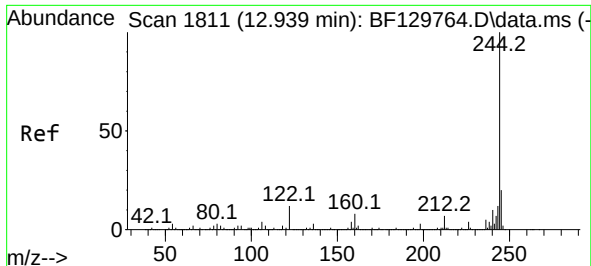
Tgt Ion:240 Resp: 221373
Ion Ratio Lower Upper
240 100
120 11.0 9.2 13.8
236 25.1 20.7 31.1



#77
Benzidine
Concen: Below Cal
RT: 12.645 min Scan# 1761
Delta R.T. 0.077 min
Lab File: BF130043.D
Acq: 29 Aug 2022 19:58

Tgt Ion:184 Resp: 607
Ion Ratio Lower Upper
184 100
185 90.9 11.4 17.2#
183 132.1 9.4 14.2#

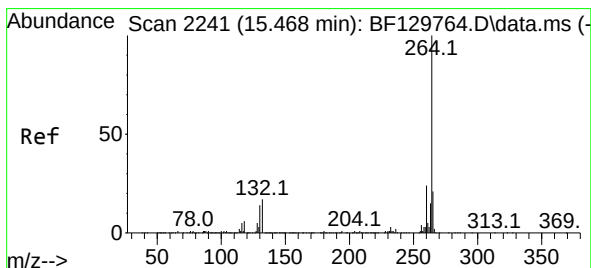
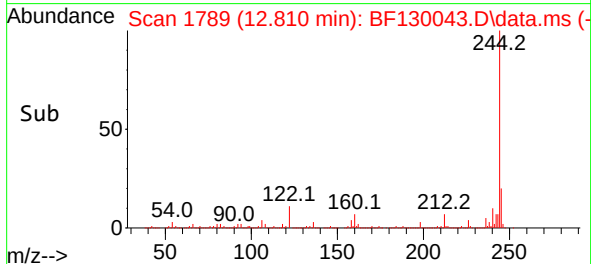
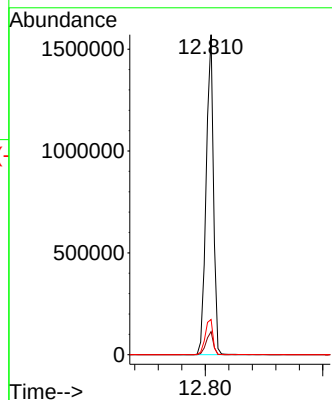
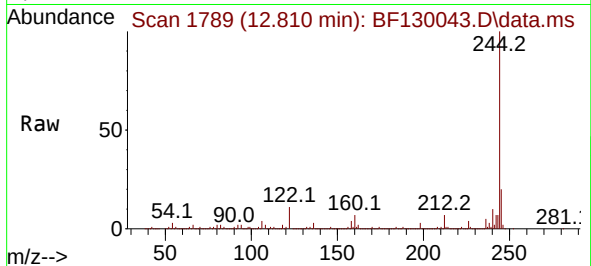




#79
 Terphenyl-d14
 Concen: 101.863 ng
 RT: 12.810 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF130043.D
 Acq: 29 Aug 2022 19:58

Instrument :
 BNA_F
 ClientSampleId :
 MW-28

Tgt Ion:244 Resp: 1355203
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 11.0 9.9 14.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.298 min Scan# 2212
 Delta R.T. -0.006 min
 Lab File: BF130043.D
 Acq: 29 Aug 2022 19:58

Tgt Ion:264 Resp: 249433
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.1 28.7
 265 20.9 16.7 25.1

